Baldwin County Commission

322 Courthouse Square
Bay Minette, Alabama 36507

Municipal Separate Storm Sewer System (MS4) Annual Report

NPDES Permit No. ALR040042

May 2021

Reporting Period
1 April 2020 to 31 March 2021

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1. General Information

1.1. Signatory Requirements

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Joe Davis, III
Name

Commission Chairman
Title

Signature

May 4, 2021
Date

Address: Baldwin County Commission
Baldwin County Administration Building
312 Courthouse Square, Suite 12
Bay Minette, Alabama 36507

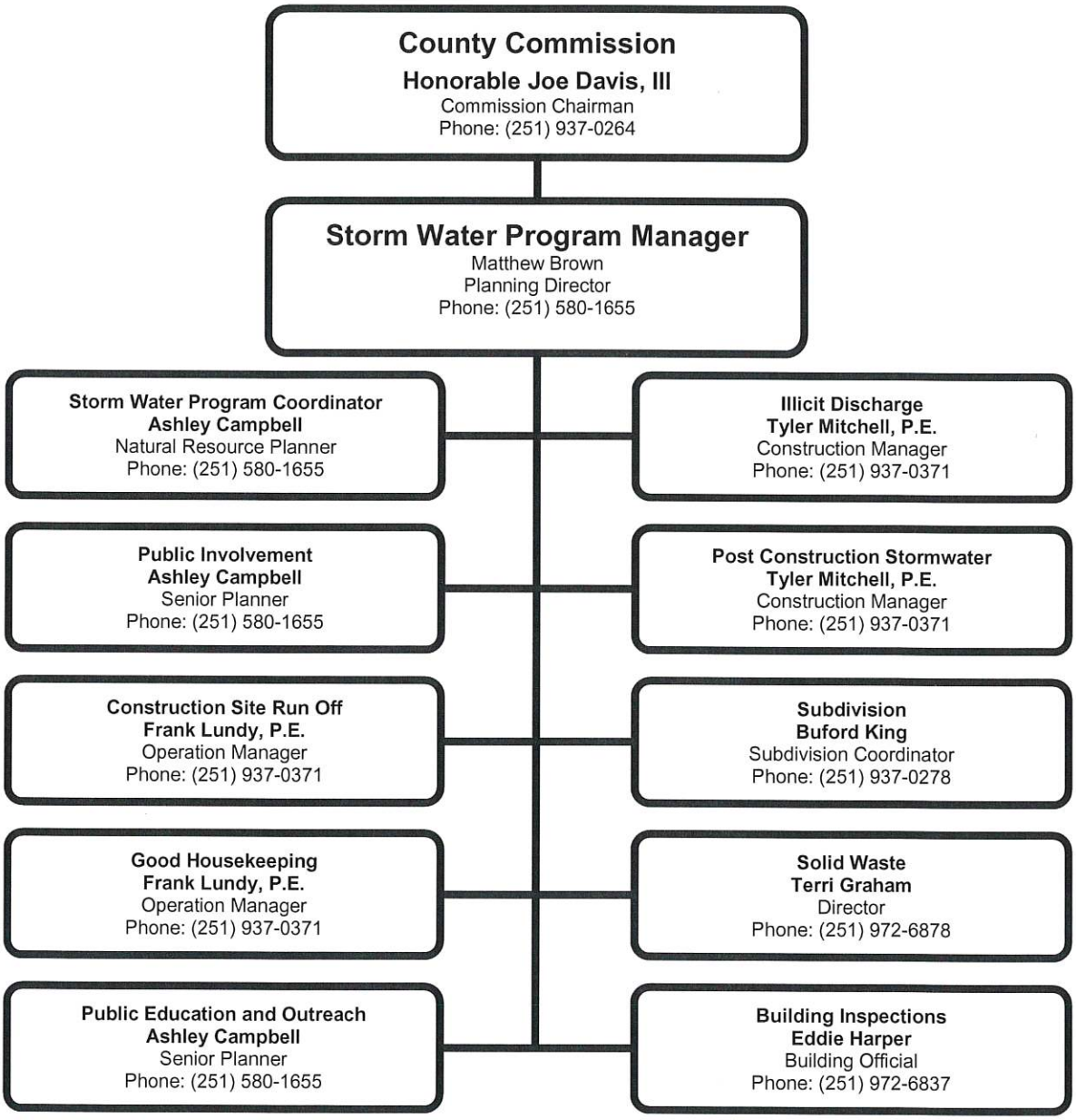
Phone: (251) 937-0264

Fax: (251) 580-2500

1.2. List of Contacts

Contacts and responsible parties (e.g. agency, name, phone number) that had input to and are responsible for the preparation of this annual report are summarized in Table 1-1. Various County Staff and departments contributed materials and data for incorporation into this annual report.

Figure 1-1
SWMP Organizational Chart



Any questions concerning Baldwin County's Municipal Separate Storm Sewer System (MS4) Annual Report should be directed to Mrs. Ashley Campbell, Natural Resource Planner.

1.3. Overview and Summary

In 1990, the U.S. Environmental Protection Agency (EPA) promulgated regulations establishing Phase I of the National Pollutant Discharge Elimination Systems (NPDES) storm water program. The Phase I program for municipal separate storm sewer systems (MS4s) requires operators of "medium" and "large" MS4s that generally serve populations of 100,000 or greater to implement a storm water management program to control polluted discharges from certain municipal, industrial and construction activities into the MS4.

In 1999, EPA promulgated regulations establishing Phase II of the NPDES storm water program. The Phase II program extends coverage of the NPDES storm water program to regulated "small" MS4s. A regulated "small" MS4 is located within an "urbanized area" as defined by the Census Bureau or as designated by the NPDES permitting authority.

The Alabama Department of Environmental Management (ADEM) presently has primary jurisdiction over permitting and enforcement of the storm water program for Alabama. In November 2011, Baldwin County submitted a request to ADEM to be re-designated from a Phase I MS4 to a Phase II MS4. On December 22, 2011, ADEM granted this request and issued coverage under the MS4 Phase II General Permit (NPDES Permit Number ALR040042) for storm water discharges associated with the Baldwin County MS4.

In June 2012, Baldwin County updated its Storm Water Management Program (SWMP) plan to address changes to the minimum control measures in Part III of the MS4 NPDES General Permit that include:

1. Public Education and Outreach on Storm Water Impacts;
2. Public Involvement / Participation
3. Illicit Discharge Detection and Elimination (IDDE);
4. Construction Site Storm Water Runoff Control;
5. Post-Construction Storm Water Management in New Development and Re-development; and,

6. Pollution Prevention / Good Housekeeping for Municipal Operations.

Baldwin County's SWMP is a MS4 specific comprehensive program developed to reduce the discharge of pollutants from the small MS4 to the Maximum Extent Practicable (MEP) to protect water quality and to satisfy the appropriate water quality requirements of the Clean Water Act.

This annual report summarizes the County's efforts for the reporting period from April 1, 2020, through March 31, 2021, to comply with the MS4 NPDES General Permit; the above listed six program elements, and requirements to the MEP.

1.4. MS4 Area

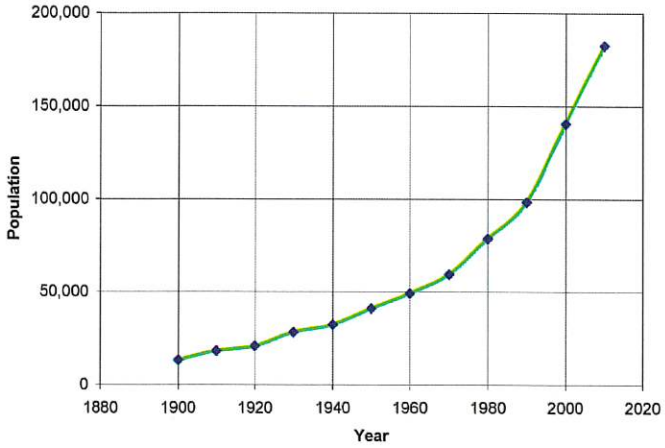
Baldwin County is located in southwest Alabama and borders Mobile Bay and the Gulf of Mexico. The County occupies approximately 2,026.93 square miles that consist of approximately 1,596.35 square miles of land and 430.58 square miles of water. Metropolitan areas located within Baldwin County are listed in Table 1-1.

Table 1-1
Metropolitan Areas

- Bay Minette
- Elberta
- Foley
- Loxley
- Orange Beach
- Robertsdale
- Spanish Fort
- Daphne
- Fairhope
- Gulf Shores
- Magnolia Springs
- Perdido Beach
- Silverhill
- Summerdale

Since the 1900's, Baldwin County has experienced a steady increase in population. Figure 1-2 provides a graph showing the historical population of Baldwin County since 1900.

Figure 1-2
Historical Population



According to the 2010 Census, the population of Baldwin County is 182,265. As compared to the population in 2000, Baldwin County has experienced a population increase of 41,850 (approximately 29.8%) over the past 10 years.

In accordance with 40 CFR 122.32, only portions of the County that are located within an Urbanized Area are regulated as a small MS4 under the NPDES storm water program. The County has defined its MS4 Areas based on the Daphne-Fairhope Urbanized Area. Unincorporated areas of the County that are located within the Daphne-Fairhope Urbanized Area are shown in Figure 1-3.

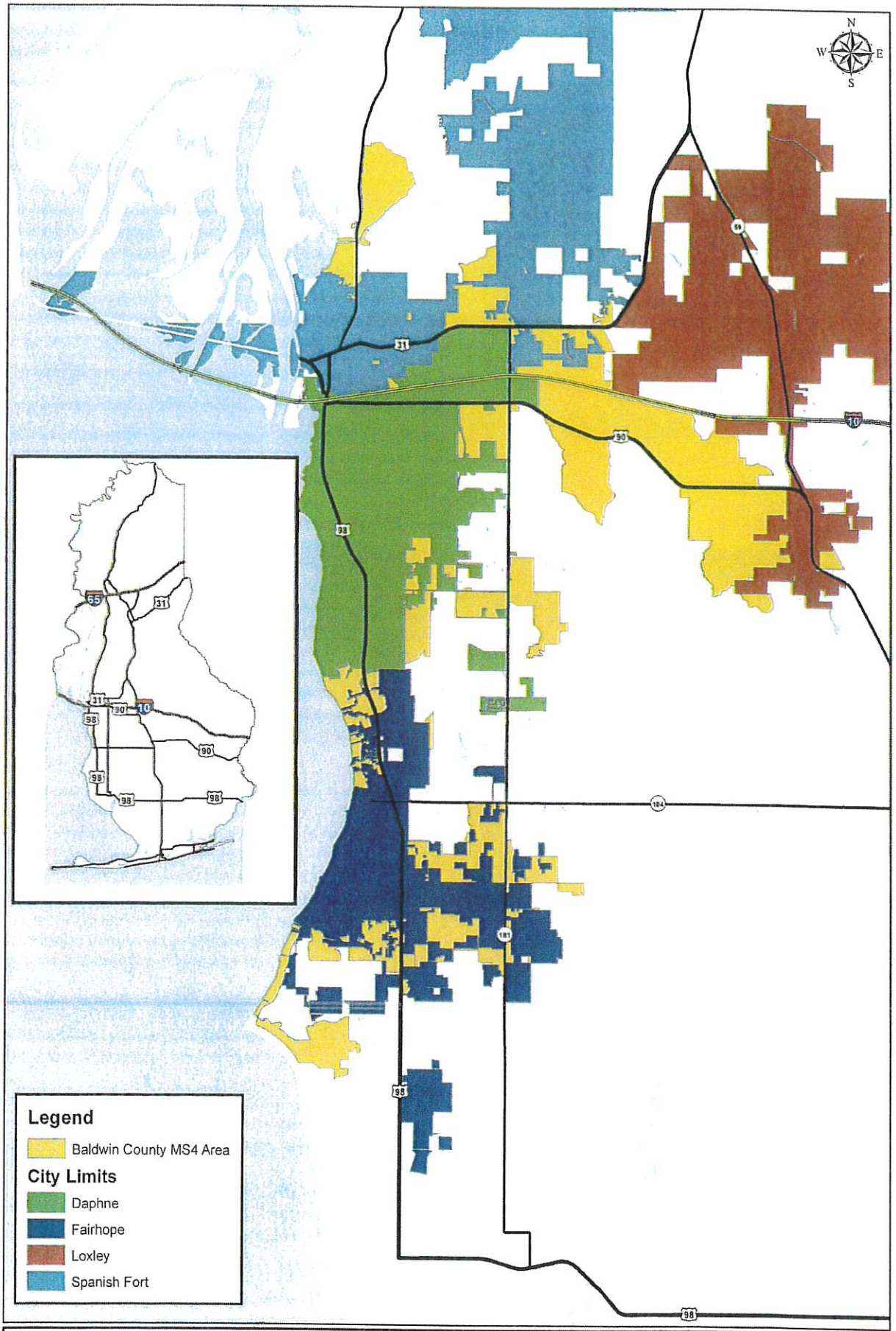
Incorporated areas located within the MS4 Area include Daphne, Fairhope, and Spanish Fort.

Table 1-2 provides a breakdown of the MS4 Area by permittee.

Table 1-2
Baldwin County MS4 Area

Permittee	Population (2020)	MS4 Area	
		Area (mi^2)	Area (%)
Daphne	21,570	16.39	25.5
Fairhope	15,536	13.19	20.5
Spanish Fort	7,520	28.00	43.6
Baldwin County	--(1)	6.67	10.4
Total	44,626	64.25	100.0

(1) Due to the level of detail currently available in the Census data, the population of Baldwin County's MS4



BALDWIN COUNTY MS4 AREA

Figure 1-3

Unincorporated areas of Baldwin County located within the Daphne-Fairhope Urbanized Area occupies approximately 22.64 square miles.

Baldwin County's MS4 Area expands across eight (8) watersheds that have a 12-digit Hydrologic Unit Code (HUC 12). The areas of Baldwin County's MS4 Area located within each HUC 12 watersheds are summarized in Table 1-3 and shown in Figure 1-4.

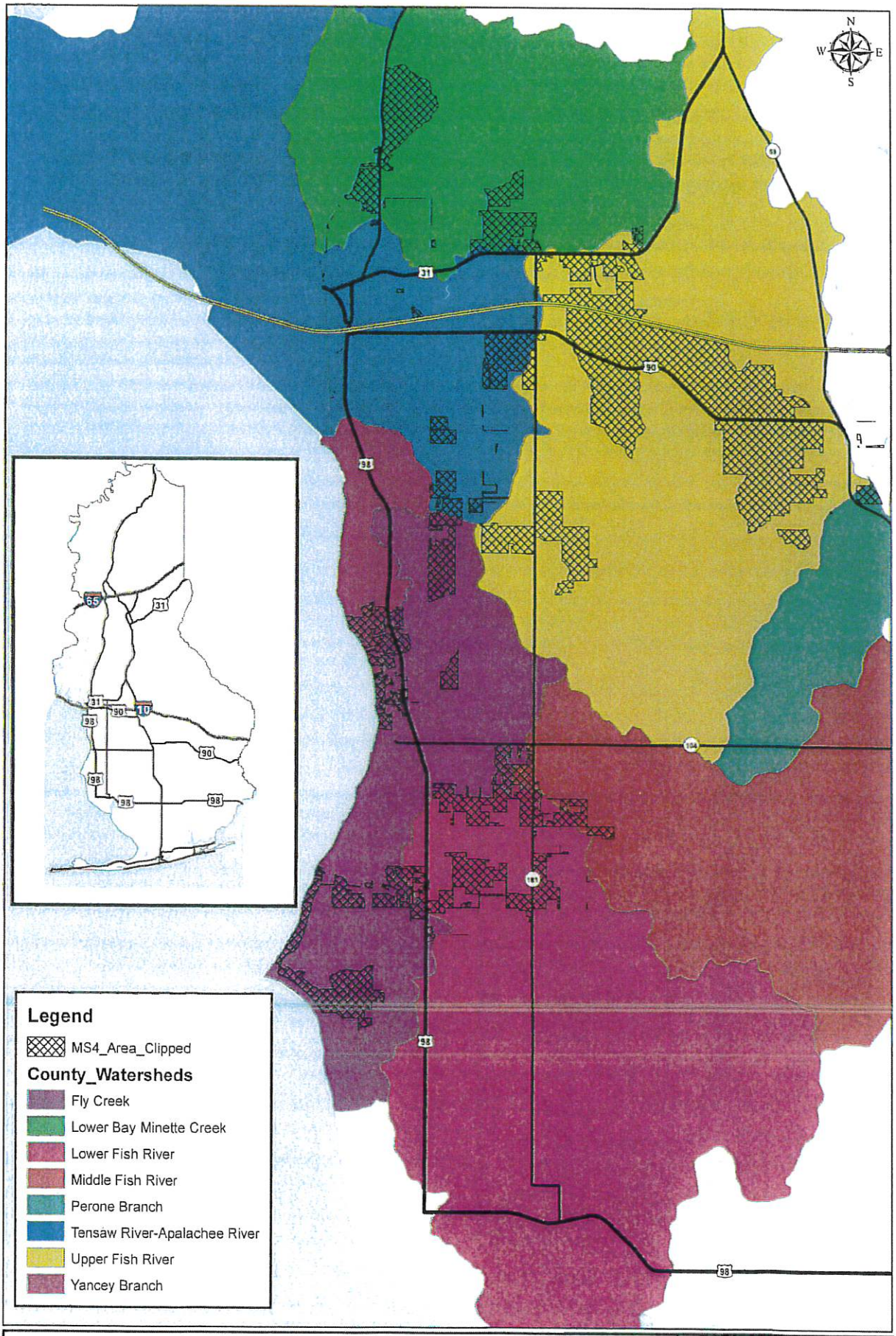
Table 1-3
Baldwin County MS4 Area Watersheds

HUC-12 Watershed	MS4 Area	
	Area (mi^2)	Area (%)
Upper Fish River	11.286	49.9
Fly Creek	3.746	16.5
Lower Bay Minette Creek	2.600	11.5
Lower Fish River	2.361	10.4
Tensaw River – Apalachee River	1.654	7.3
Yancey Branch	0.467	2.1
Middle Fish River	0.407	1.8
Perone Branch	0.123	0.5
Total	22.644	100.0

The majority (approximately 62.6%) of the Baldwin County's MS4 area is located within the Fish River watershed.

1.4.1. Known Problems (303(d) Listed Streams)

According to ADEM's 303(d) list dated April 2010, there are seven (7) streams that are located within the drainage basins of the MS4 Area that have been designated as impaired. ADEM's 303(d) listed streams are summarized in Table 1-4 and shown in Figure 1-5.



BALDWIN COUNTY MS4 AREA

Figure 1-4

Table 1-4
2010 303(d) Listed Streams

Stream		Designated Use	Pollutant of Concern	Sources
Name	River Basin			
Bay Minette Creek	Upper and Lower Bay Minette Creek	Fish & Wildlife	Metals (Mercury)	Atmospheric Deposition
Joes Branch 2020 Delisted	Tensaw River Apalachee River	Fish & Wildlife	Siltation Habitat Alteration	Land Development
UT to D'Olive Creek	Tensaw River Apalachee River	Fish & Wildlife	Siltation Habitat Alteration	Land Development
D'Olive Creek	Tensaw River Apalachee River	Fish & Wildlife	Siltation Habitat Alteration	Land Development
UT to Tiawasee Creek	Tensaw River Apalachee River	Fish & Wildlife	Siltation Habitat Alteration	Land Development
Tiawasee Creek	Tensaw River Apalachee River	Fish & Wildlife	Siltation Habitat Alteration	Land Development
Cowpen Creek	Lower Fish River	Swimming, Fish & Wildlife	Metals (Mercury)	Atmospheric Deposition
Fish River	Fish River	Swimming, Fish & Wildlife	Metals (Mercury)	Atmospheric Deposition
			Pathogens	Pasture Grazing

Bay Minette Creek is listed on the 303(d) list as impaired for metals (mercury). The source of this pollutant is identified as unknown. Due to the small area of Baldwin County's MS4 Area located within this watershed and the type of land uses, Baldwin County's MS4 should not be a contributor to the impairment on Bay Minette Creek.

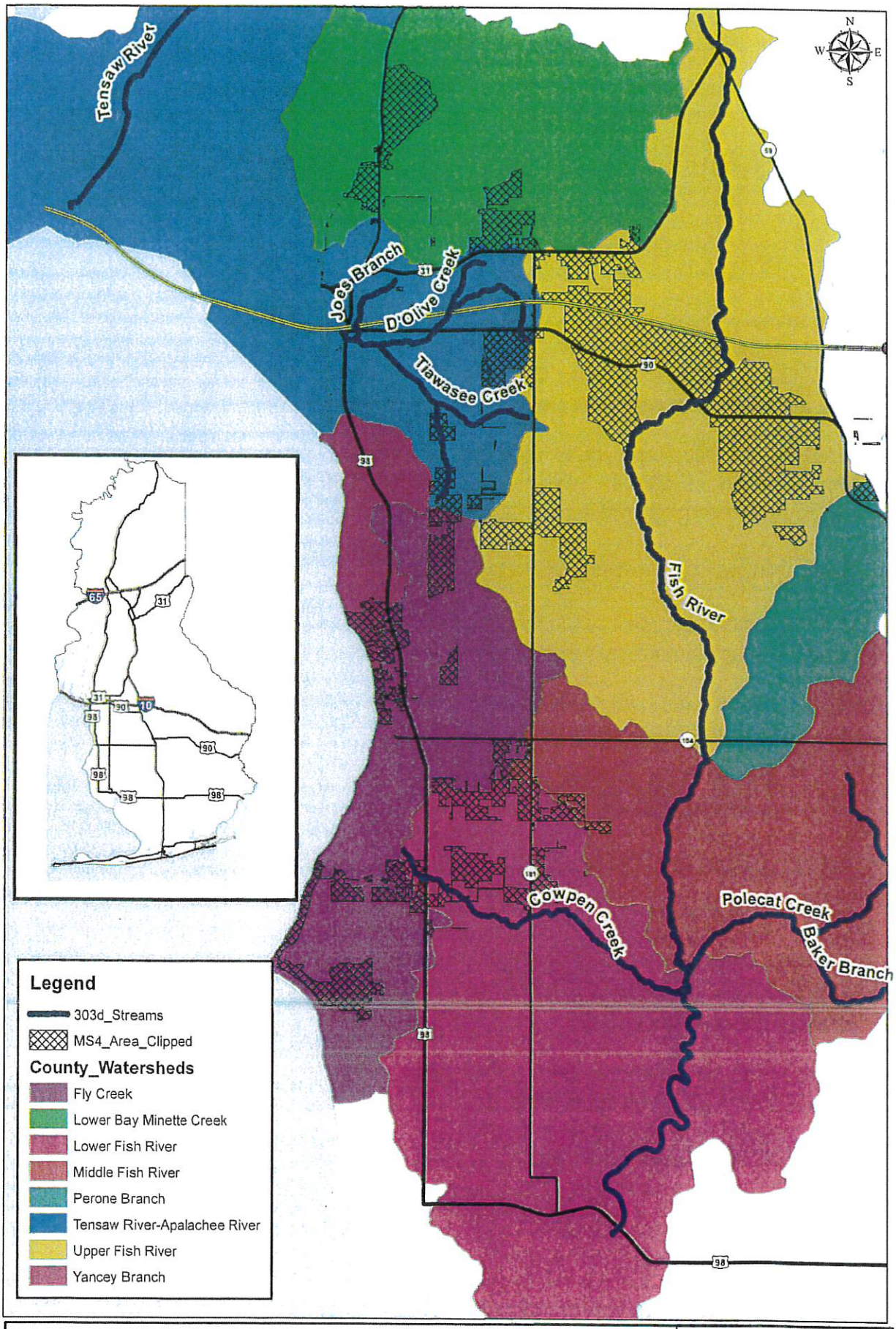
Joe's Branch, Tiawasee Creek, Unnamed Tributary to Tiawasee Creek, D'Olive Creek and Unnamed Tributary to D'Olive Creek are listed on the 303(d) list as impaired for siltation and habitat alteration. The source of this impairment is attributed to land development. Most of the drainage basin of Tiawasee Creek and its tributary are located within the corporate limits of Daphne. There are small pockets of the drainage basin located within the County's MS4 Area. The land use within these pockets primarily consists of forested or agricultural and limited amount of residential or commercial.

In 2020, Joe's Branch was removed from the 303(d) list. Joe's Branch underwent a restoration effort that spanned six years, from 2012 until 2018, with restoration of five discrete stream reaches (totaling 4,000 linear feet) and flood

plains (totaling 25 acres) and construction or repair of two detention ponds. Post-restoration monitoring of Joes Branch revealed sediment load reductions by a whopping 90-95% which led to the 303(d) list delisting. The Mobile Bay National Estuary Program partnered with, the cities of Daphne and Spanish Fort, the Baldwin County Commission, ADEM, the Alabama Department of Transportation, the Natural Resource Conservation Service, and many others in achieving this task.

The majority of the drainage basin of D'Olive Creek and its tributary are located within the corporate limits of Daphne and Spanish Fort. There is a small area located in the headwaters of the drainage basin that is located within the County's MS4 Area. The land use of this area is either forested or agricultural and should not be a significant contributor to the impairment of D'Olive Creek.

Cowpen Creek is listed on the 303(d) list as impaired for metals (mercury). The source of this pollutant is identified as atmospheric. Due to the type of land uses located within this watershed, Baldwin County's MS4 should not be a contributor to the impairment on Cowpen Creek. Figure 1-5 shows the drainage basin, 303(d) listed streams and the areas of the County's MS4 Area.



BALDWIN COUNTY MS4 AREA

Figure 1-5

2. Program Evaluation

2.1. Program Objectives

The primary objective of the SWMP is to effectively prohibit the discharge of non-storm water discharges into the MS4 and reduce the discharge of pollutants from the MS4 to the MEP. Baldwin County has implemented, maintained and revised the SWMP as necessary to comply with the requirements of the NPDES permit.

Baldwin County has made significant progress over the past year in implementing its SWMP. Major accomplishments for each Minimum Control Measure are summarized in the following sections.

2.2. Public Education and Outreach

The MS4 NPDES permit requires the County to develop, implement and evaluate a public education and outreach program. Goals of the program are to:

- Educate the community about the impacts of storm water discharges into streams, rivers, lakes and ponds; and,
- Identify steps that the community can take to help reduce pollutants in storm water runoff.

Baldwin County has utilized several media outlets to accomplish these goals.

2.2.1. Local Partnerships

Baldwin County's leadership and staff have been actively involved with environmental and citizen organizations located throughout the County. Previous and current activities include:

- Mobile Bay National Estuary Program;
- Pensacola & Perdido Bay Estuary Program
- Bon Secour Watershed
- Weeks Bay Watershed Project;
- Wolf Bay Watershed Watch; and,
- D'Olive Watershed Project.
- Eastern Shore/Fly Creek Watershed Study

To capitalize on education materials and programs that have been developed, Baldwin County has formed partnerships with several state and local organizations including:

- Alabama Department of Environmental Management;
- Alabama Clean Water Partnership;
- Alabama Cooperative Extension System;
- City of Daphne;
- City of Fairhope;
- City of Spanish Fort;
- City of Foley;
- City of Robertsdale;
- Town of Magnolia Springs;
- Town of Silverhill;
- Town of Summerdale;
- Town of Loxley;
- Town of Perdido Beach;
- Alabama Coastal Foundation;
- People Against a Littered State;
- Eastern Shore Metropolitan Planning Organization;
- Alabama Soil and Water Conservation District;
- Coastal Alabama Partnership; and
- Baldwin County Hazard Mitigation Planning Committee

As the County's MS4 program continues to evolve, the County will seek partnerships with other agencies and organizations to facilitate the public education program.

2.2.2. Brochures

Baldwin County has developed several brochures for a variety of audiences and a variety of topics. Currently, most of the brochures are directed towards developers, contractors, and other professionals pertaining to planning, zoning, and construction. Copies of the brochures are available at the Baldwin County Courthouse in Bay Minette and Satellite Courthouses in Foley and Fairhope. Copies of brochures are provided in Appendix A.

2.2.3. Website

The internet provides a very accessible mechanism for making information and data available to residents. The County has developed and maintains a website (http://www.baldwincounty.al.gov) that provides some general information regarding the County's services. Some topics currently presented on the website include the following:

- Contact Us
  - Contact information for all Departments
  - Contact Our Citizen Service Center
- Highway Department
  - Department Information
  - County Maintained Roadways
  - Subdivision Regulations
  - Watershed Studies
  - Permit/Subdivision Forms
- Solid Waste Department
  - Department Information
  - Solid Waste Garbage Collection
  - Landfills
  - Solid Waste Recycling Services
- Planning & Zoning Department
  - Department Information
  - Zoning Ordinances
  - Forms & Applications
  - CRS Flood Insurance Program
  - Stormwater Information

The County has coordinated with its CIS department and has dedicated a specific section of its Planning and Zoning Department web site to the MS4 Program and storm water related information.

2.2.4. Workshops

Workshops are useful in educating a specific target audience about a specific topic or issue. Capitalizing on existing training programs, the County is working with its partners to sponsor workshops in a variety of topics. Workshops that have been identified for this permit cycle may include the following:

- Nonpoint Education for Municipal Officials (NEMO) – The County may coordinate with ADEM to evaluate and identify workshops that will be beneficial to the County's leadership.

- Erosion and Sediment Control – The County will evaluate and identify workshops that will be beneficial to city staff, professionals and development community.

- Low Impact Development – The County has evaluated and identified workshops that will be beneficial to County staff, professionals and development community. County staff attended Low Impact Development (LID) workshops during previous cycles.

- Weeks Bay Stakeholders Workshops – Attended by constituent groups to provide input into the development of a Weeks Bay Watershed Management Plan. The final plan was submitted during November of 2017.

- Planning & Zoning Commission Training – County Planning and Zoning staff, Planning Commission members and one County Commissioner attended a workshop entitled Improving the Planning and Development Process.

As the County's MS4 program continues to evolve, the types and frequency of workshops may be modified to address the changing needs of the County.

2.2.5. Training

The County is proactive in identifying and participating in educational opportunities that help to expand the knowledge and capabilities of its staff. County Staff has participated in the following:

- ACCA Annual Conference
- ACEA Fall County Engineers Meeting
- ALDOT Bridge Inspection Refresher Course
- Annual Transportation Conference
- ALDOT Guidelines for Grading County Roads
- QCI Training Program
- Evaluating the Role of Headwater Wetlands for Coastal Water Quality
- *Rain Check*, *IDDE Grate Concern* and *Ground Control* Training Programs
- Certified Alabama Planning and Zoning Official (CAPZO) Training

- Community Rating System (CRS) Webinars
- GIS of Alabama Conference
- Preparing for Change: Building Resilient Coastal Communities
- Alabama Association of Floodplain Managers Conferences
- South Alabama Flood Engagement Team (SAFE-T) Training

A summary of educational activities completed by County Staff is provided in Appendix A.

2.3. Public Involvement / Participation

The County has participated in and supported public involvement opportunities for staff members and residents through numerous activities. Past and present public involvement and participation activities have included:

- Baldwin County Water Festival;
- Delta Woods and Waters Expo;
- Earth Day;
- Master Environment Education Program;
- Litter Abatement Programs;
- Public Involvement Opportunities

2.3.1. Baldwin County Preparedness Expo

The Baldwin County Preparedness Expo is a free, public event designed to connect residents and business owners with local resources intended to educate and promote preparedness and planning for emergencies and disasters. The event is sponsored by the Baldwin County Emergency Management Agency. The agency works collaboratively with municipal partners to host a county-wide event to allow citizens an opportunity to become knowledgeable on hazards and threats which may impact our area. The Expo includes private, public sector and volunteer organizations which possess a vital role in disaster planning, response and mitigations efforts.

Due to Covid, the Baldwin County Preparedness Expo was not scheduled for this permit reporting period.

2.3.2. Delta Woods and Waters Expo

The Delta Woods and Waters Expo is an annual event sponsored by the City of Spanish Fort and held at 5 Rivers Delta Resource Center for the purpose of celebrating the beauty and diversity of the Mobile-Tensaw Delta. The event features a variety of informative presentations, exhibitions and interactive displays by experienced outdoorsmen, professionals, educators and enthusiasts. It includes numerous fun and exciting hands-on demonstrations which allow attendees to learn and practice new skills with one-on-one instruction.

The mission of the Delta Woods and Waters Expo is to promote responsible and enjoyable outdoor recreational experiences through a fun and educational event.

Due to Covid, the Delta Woods & Water Expo was cancelled this permit reporting period.

2.3.3. Earth Day

Earth Day is an annual celebration during which worldwide events are held for demonstrating support for environmental protection. The first Earth Day was celebrated in 1970. It is now celebrated in more than 192 countries around the world and is coordinated by the Earth Day Network. According to the Earth Day website (www.earthday.org), "The Earth Day Network's year-round mission is to broaden, diversify and activate the environmental movement worldwide, through a combination of education, public policy and consumer campaigns."

Due to Covid, the Earth Day was cancelled this permit reporting period.

2.3.4. Master Environmental Educator

County employees have participated in the Alabama Cooperative Extension Service's Master Environmental Educator (MEE) program. The Baldwin County MEE Program was created in 1995 and is an outreach program of the Baldwin County Extension Office. Volunteers are trained to teach eight environmental lessons pertaining to the most critical environmental issues facing Baldwin County:

- Aquatic Nuisance Species;
- Backyard Wildlife Habitat;
- Energy;
- Groundwater Pollution;
- Invasive Plant Species;

- Storm Water;
- Recycling; and,
- Citizen Science-Alabama Water Watch
- The Water Cycle.

Volunteers throughout Baldwin County participate in an intensive two-day MEE training each year. Each volunteer gives back at least 20 hours a year to the community. Classroom teachers can request and schedule a lesson, which also correlates to the Alabama Course of Study for Science.

The Planning and Zoning Department includes a link to this program on its Stormwater Page. In addition, the Baldwin County Commission provides budget support to the Cooperative Extension Service.

2.3.5. Litter Abatement Programs

The County partners with People Against a Littered State (PALS) to help implement litter abatement programs. Current litter abatement programs include:

- Adopt-a-Mile;
- Adopt-a-Stream;
- Alabama Coastal Cleanup;
- Annual Christmas Tree Recycling Program and,
- Baldwin County Clean Sweep.

The County currently has a link to apply for Adopt-a-Mile on their website. Citizens can "adopt" a stretch of county roads or federal or state highways.

In the fall of each year, PALS will plan, organize, and host The Alabama Coastal Cleanup. The County is an in-kind sponsor with this event. Due to Covid, the 2020 Alabama Coastal Cleanup was held in Baldwin County from September 26-October 4. 2020. Due to Covid, the cleanup took place over multiple days to allow volunteers to properly practice social distancing and work in small groups.

The Christmas Tree Recycling Program is an annual activity conducted by the Baldwin County Commission – Solid Waste Department which allows the citizens of Baldwin County at no charge. Christmas trees which are collected not only conserve landfill space but also contribute material to the compost program. Compost created from vegetative materials is available for sale. During the current reporting cycle, the Christmas Tree Recycling Program was held from December 26, 2020, through January 10, 2021.

Baldwin County Clean Sweep is an activity approved by the Baldwin County Commission which provides county residents a free day to discard any unwanted debris and waste. The events encourage the proper disposal of waste in Baldwin County and discourage illegal dumping and piling of debris on roadways. Due to Covid, the Baldwin County Clean Sweep event was not scheduled.

2.3.6. Recycling

The County's Solid Waste Department has established 27 recycling locations throughout the County for residents to drop off items. Accepted recyclables include:

- Unwaxed Cardboard;
- Newspapers;
- Magazines;
- Phonebooks;
- Aluminum Cans;
- Aluminum Scrap Metal; and,
- Category 1 through 4 Plastics.

The County also has a used cooking oil recycling program which converts the oil into useable energy and a seasonal Christmas tree recycling program which contributes material to the County compost program.

2.3.7. Baldwin County Citizen Service Center

The County has a Citizen Service Center to receive complaints from its residents. Depending upon the type of complaint, the Citizen Service Center will route information to the appropriate department for evaluation and response. A centralized center has been established at the Baldwin County Emergency Operations Center in Robertsdale. Telephone contact information is listed as follows:

(251) 937-9561: North Baldwin County
(251) 943-5061: South Baldwin County
(251) 928-3002: Eastern Shore of Baldwin County

The Baldwin County Commission strives to provide citizens with the best customer service possible. Citizen Service Center information is provided on the County website.

2.3.8. Household Hazardous Waste Collection

The County operates a household hazardous waste collection facility at the Magnolia Landfill on a year-around basis. For a fee, residents can dispose of household hazardous waste such as paints, motor oil, pesticides, herbicides, cleaners, solvents, etc.

2.3.9. Baldwin County Commission Meetings

All regular meetings of the Baldwin County Commission are advertised and open to the public. Meetings are televised and broadcast on a delayed basis by local cable access stations. In addition, the meetings may be viewed live on the County website. Past meetings are also available on the website, and DVDs of these meetings may be obtained from the Baldwin County Archives Department. Public hearing items are advertised through certified mail and through notices in the newspapers of general circulation within Baldwin County, depending on legal requirements.

Commission Work Sessions are typically held during the weeks prior to the regular County Commission meetings. Although no votes are taken, the work sessions are open to the public and serve as an additional opportunity for outreach. The work sessions also provide an opportunity where presentations can be made to the County Commission.

Agendas and minutes for the County Commission Meetings may be found at http://openmeetings.baldwincountyal.gov.

2.3.10. Baldwin County Planning and Zoning Commission Meetings

All meetings of the Baldwin County Planning and Zoning Commission, as with the County Commission, are advertised and open to the public. Meetings are generally held on the first Thursday of each month, unless rescheduled due to a holiday. The Planning Commission is a recommending body to the County Commission on rezoning applications and amendments to the *Baldwin County Zoning Ordinance* and is the final voting authority on conditional use applications, subdivisions and highway construction setback appeals. As of March 7, 2019, Planning Commission meetings are now live streamed with archived videos found on the County website. Twelve (12) Planning Commission meetings were held during the current reporting period.

Agendas and minutes for the Planning Commission Meetings may be found at http://openmeetings.baldwincountyal.gov.

2.3.11. Baldwin County Boards of Adjustment Meetings

Baldwin County has four Boards of Adjustment which were created to consider variances, special exceptions and administrative appeals for the Planning (Zoning) Districts which have voted their desire to come under the Planning and Zoning authority of the Baldwin County Commission. The Boards hold public meetings on at least a quarterly basis, with the jurisdiction for each Board roughly corresponding to the County Commission district in which it is located. Issues considered by the Boards (primarily the Commission District 2 Board) are often found in the MS4 area. In addition, the Board meeting serve as a potential venue for public involvement and participation activities. Thirty-one (31) Board of Adjustment meetings were held during the current reporting period.

Agendas and minutes for the Boards of Adjustment may be found at http://openmeetings.baldwincountyal.gov.

2.3.12. Baldwin County Master Plan - 2013

In accordance with Act No. 91-719 (Codified at Section 45-2-261, et seq., Code of Alabama 1975) the Baldwin County Planning and Zoning Commission prepared, and the Baldwin County Commission adopted, the Baldwin County Master Plan – 2013. According to the Act, the County Commission "shall appoint the Planning Commission to make and maintain in an up-to-date manner, a Master Plan for the physical development of the unincorporated areas of Baldwin County. The Master Plan with accompanying maps, plats, charts and descriptive material shall show the Planning Commission's recommendations for the use and development of the unincorporated area of Baldwin County".

The Master Plan consists of seven chapters covering topics such as implementation, composition, intergovernmental relations, parks and recreation and historic preservation. Maps incorporated into the plan include Planning Districts, Current Zoning, Future Land Use, School Locations, Parks and Public Access and Fire Districts. The final chapter of the Master Plan deals with revision and amendment. The plan is relevant to the MS4 permit in that it includes the enabling legislation for Planning and Zoning authority in Baldwin County.

The Master Plan is intended to be a living document. As such, it is proposed to be reviewed annually to determine if revisions and amendments are warranted due to changing conditions. The first review would take place within six months of initial adoption. A second review would be conducted six months later, and subsequent reviews would take place on an annual basis. Regarding future land

use, the plan initially calls for non-binding future land use designations in the Planning Districts which have voted their desire to come under the Planning and Zoning authority of the Baldwin County Commission. Future land use designations for specific planning areas and unzoned Planning Districts could be applied during review and amendment processes.

In preparing the Master Plan, the Planning Commission held eight work sessions and two public hearings. The first public hearing was held on July 11, 2013, for the purpose of obtaining public comment. The second public hearing was held on August 1, 2013. At that time, the Planning Commission voted unanimously to recommend approval of the Baldwin County Master Plan – 2013, to the County Commission. The vote of the Planning Commission served as its final report to the Baldwin County Commission for the adoption of the Master Plan.

When the plan was forwarded the County Commission, the first public hearing was held September 3, 2013. The second and third public hearings were held September 17, 2013, and October 1, 2013, with adoption occurring at the October meeting. The public hearings were advertised in the newspapers of general circulation within the County, and a draft copy of the plan was put on the County's website for review. Social media was also used as an advertising tool. The Commission meetings were televised as described above. Three citizens addressed the County Commission during the final public hearing on the Master Plan adoption.

The Master Plan may be found at the Planning and Zoning Department section of the County website. In May of 2021, the County started the Request for (RFP) Proposal's process for its new master plan.

2.4. Illicit Discharge Detection and Elimination

The County has developed and implemented an Illicit Discharge Detection and Elimination Program in accordance with the SWMP Plan. The County has been divided into eight (8) watersheds which correspond to major drainage basins located within the County's MS4 area.

An Outfall Reconnaissance Inventory was conducted in order to locate and record basic characteristics of each outfall. During this process, each outfall was screened for the presence of illicit discharge(s). The County's outfall reconnaissance inventory was initially summarized in the 2014-2015 annual report.

2.4.1. Outfalls Screened

As the County updates the outfall inventory, the breakdown of major and minor outfalls by sub-basin will be updated and a map shall be developed. According to the SWMP Plan, beginning April 2017, the County shall screen all major outfalls within a five (5) year period within completion scheduled for March 2021.

Table 2-1
Outfalls Screened by Basin

Basin	Total Outfalls	Major Outfalls	Minor Outfalls
Blackwater River	0	-	-
Fish River	10	-	-
Fly Creek	9	-	-
Lower Bay Minette Creek	0	-	-
Lower Tensaw River	3	-	-
Mobile Bay	0	-	-
Perone Branch	0	-	-
Yancey Branch	0	-	-
Totals	22		

An overview of how the outfall reconnaissance inventory is provided in Appendix C.

2.4.2. Spill Response

The County's Emergency Management Agency (EMA) is responsible for responding to any type of spill that may occur within the MS4 Area. If a spill enters the MS4, the EMA will notify the Storm Water Program Coordinator. The Storm Water Program Coordinator will evaluate the impacts of the spill on the MS4 and ensure appropriate corrective measures are taken to abate the spill. Follow up inspections of the affected area shall be performed as needed.

2.4.3. Sanitary Sewer System

Residents within the County's portion of the MS4 boundary are provided sanitary sewer service by one of the following sources;

1) Sanitary Sewer System; or
2) On-Site Sewage Disposal.

When the County observes any problems with sanitary sewer systems, the County reports the problem to the appropriate jurisdiction over system.

As the County acquires data regarding the location of on-site sewage disposal systems, the County will update GIS data and maps to incorporate best available data.

2.4.4. Enforcement

An effective illicit discharge and detection program uses an escalating scale of enforcement action to abate illicit discharges. Due to limited home rule, Baldwin County does not have the authority to create or adopt an Illicit Discharge Ordinance. Through the subdivision regulations and education, the County is encouraging the prevention of illicit discharges. The current procedure is to report illicit discharge complaints to the appropriate agency such as the Baldwin County Health Department or ADEM. In addition, the County can only maintain what is in the County right-of-way. It cannot maintain private subdivision storm water systems.

2.4.5. Standard Operating Procedures

The County has developed Standard Operating Procedures (SOPs) for the various activities required for implementing the Illicit Discharge Detection and Elimination Program. SOPs shall include but are not limited to the following:

- Sampling equipment use, maintenance and storage;
- Outfall Reconnaissance Inventory;
    - Field procedures
    - Data collection
    - Data management
    - Sample Collection
- Illicit discharge evaluation; and,
- Hazardous materials.

SOPs are included in Appendix C.

2.5. Construction Site Storm Water Runoff Control

Baldwin County has developed and continuously implemented a Construction Site Runoff Program to monitor and control pollutants in stormwater discharges to the MS4 from the following land disturbing activities.

- Minor Project – Land disturbance activities less than one (1) acre limited to single family homes and accessory structures;
- Major Project – Land disturbance activity equal to or greater than one (1) acre or land disturbance involving less than one (1) acre that is part of a larger common plan of development; and,
- All other land disturbance activities that are not exempted from obtaining a permit. Land disturbing activities that are exempted from obtaining a permit are defined in Section 13.13.10 of the *Baldwin County Zoning Ordinance*.

2.5.1. Requirements and Control Measures

The County's Construction Site Runoff Program requires owners and/or operators of construction sites to select, design, install, implement, inspect and maintain effective Best Management Practices (BMPs) to minimize the discharge of pollutants into the MS4 to the maximum extent practicable (MEP).

2.5.2. Permitting, Plan Review, Construction Site Inventory and Inspections

The County has developed SOPs and check list to assist with the implementation of its Construction Site Storm Water Runoff Control Program. Documents include the following:

- Land Disturbance Permitting and Plan Review
- Construction Site Inventory
- Construction Site Inspections

During the current reporting year, 72 Land Use Certificates and Land Disturbance permits were issued in the MS4 area. In addition, nine (9) Land

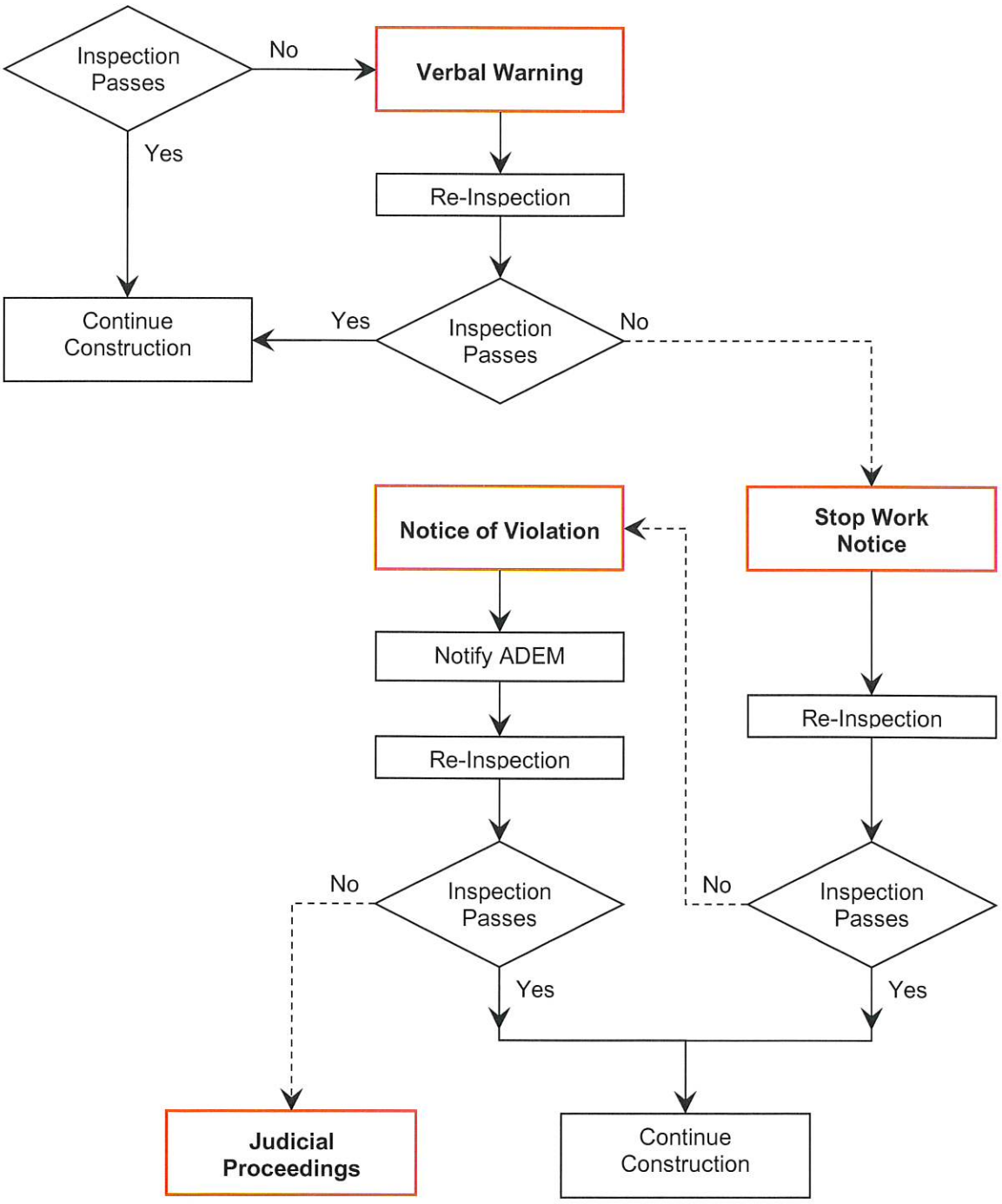
Disturbance Permits were issued. An example of a Land Use Certificate and a Land Disturbance Permit are included under Appendix D.

2.5.3. Enforcement

The Erosion Control section of the zoning ordinance provides the Code Enforcement Officer with an escalating scale of enforcement action for violation of any provision in the ordinance. A flow chart showing the escalating scale of enforcement action is provided in Figure 2-1.

No complaints were processed in the MS4 area during the current reporting period.

Figure 2-1
Enforcement Action Flow Chart



2.5.3. Training

The Planning and Zoning Department and Highway Department have been tasked with the responsibility of implementing the Construction Site Runoff Program. Baldwin County's inspectors are certified as Qualified Credentialed Inspectors (QCI). County staff attend a four (4) hour refresher training course provided by ALDOT. This training seminar is available to county and municipal staff. Additionally, Thompson Engineering provides a QCI initial eight (8) hour and refresher four (4) hour classes which are available to county, municipal, contractors, engineers and anyone else needing the obtain a QCI certification. Due to Covid, no refresher training occurred during the current reporting period.

Documentation of QCI trained inspectors is provided in Appendix D.

2.6. Post-Construction Storm Water Management

Post construction storm water management involves the implementation of structural and/or non-structural BMPs to provide permanent storm water management over the life of a property's use. The County is in the process of evaluating and identifying BMPs that are suitable for this area and are within the County's regulatory control.

2.6.1. Low Impact Development

Where feasible, the County has encouraged developers to utilize Low Impact Development (LID) and/or green infrastructure BMPs to minimize the post construction impacts of storm water runoff. The County will continue to evaluate and identify the most appropriate LID BMPs.

2.6.2. Development Regulations

The County has developed a comprehensive process to implement and enforce controls that help reduce pollutants in storm water runoff. Documents used to define this process as well as the requirements for development within the County include.

- Zoning Ordinance; and,
- Subdivision Regulations.

A detailed description of these documents is provided in Section 1 of the SWMP Plan. The County has incorporated various Overlay Districts within the Zoning

Ordinance to provide additional protection of the County's natural resources. Overlay Districts include

- Flood Hazard Overlay District;
- Wetland Protection Overlay District; and,
- Gulf Beach Overlay District.

The Wetland Protection Overlay District requires a minimum buffer of 30-feet from a wetland. Regulations governing the Overlay Districts are contained in Article 10 of the Zoning Ordinance.

The County has developed a Master Plan that evaluates the existing land uses, development patterns and natural resources within the County. The County's zoning ordinance and subdivision regulations provide a mechanism to implement a post-construction storm water management program. Non-structural BMPs include but are not limited to the following.

- Develop design standards;
- Develop plan review and approval procedures;
- Develop post construction BMP evaluation and inspection procedures; and,
- Develop BMP maintenance requirements.

The subdivision regulations already contain a provision to address the quantity of post developed storm water runoff. The Baldwin County Zoning Ordinance can be found at Zoning Ordinances (baldwincountyal.gov).

2.6.3. Conservation Development

The County has developed regulations and requirements for a Conservation Development. The purpose of a Conservation Development is to provide a development option that permits flexibility of design to promote environmentally sensitive and efficient uses of the land. This development option was created to:

- Preserve in perpetuity unique or sensitive natural resources such as groundwater, floodplains, wetlands, streams, steep slopes, woodlands, and wildlife habitat;

- Preserve important historic and archaeological sites;

- Permit clustering of houses and structures on less environmentally sensitive soils which will reduce the amount of infrastructure, including

paved surfaces and utility easements necessary for residential development;

- Reduce erosion and sedimentation by minimizing land disturbance and removal of vegetation in residential development through a reduced building footprint;
- Promote contiguous greenways and corridors throughout the community;
- Promote contiguous green space with adjacent jurisdictions;
- Encourage interaction in the community by clustering houses and orienting them closer to the street, providing public gathering places and encouraging use of parks and community facilities as focal points in the neighborhood;
- Encourage street designs which reduce traffic speeds and reliance on major arteries;
- Promote construction of convenient landscaped walking trails and bike paths both within the subdivision and connected to neighboring communities, businesses, and facilities to reduce reliance on automobiles;
- Conserve scenic views and reduce perceived density by maximizing the number of houses with direct access to and views of open space;
- Preserve prime agricultural and forest lands and reduce the economic pressures of converting such land to urbanized uses.

Regulation governing Conservation Developments are contained in Article 11 of the Zoning Ordinance. The Baldwin County Zoning Ordinance can be found at Zoning Ordinances (baldwincountyal.gov).

2.6.4. Post Construction BMPs

As the County's post construction storm water management program develops, the County will evaluate and identify the most appropriate BMPs. A design rainfall event with an intensity up to a 2-year, 24-hour storm event shall be the basis for the design and implementation of post-construction water quality BMPs.

2.6.5. Operation and Maintenance

For post developed BMPs to be effective, routine maintenance of the BMP will be required. The County is in the process of evaluating mechanisms that can be utilized to ensure proper maintenance of the BMPs.

2.6.6. Tracking System

As post development BMPs are implemented, the County is in the process of developing a tracking and inspection system to ensure that BMPs continue to function properly.

2.6.7. Training

Several Departments aid in implementing the County's Post Construction Storm Water Management program including the Highway Department, Building Inspection Department and Planning and Zoning Department. The County is continually evaluating potential training programs, activities and/or materials which can be used to educate the County's staff in storm water related issues.

2.7. Pollution Prevention / Good Housekeeping

The pollution Prevention / Good Housekeeping Program is a key element to help the MS4 to reduce potential pollutants from entering storm water runoff. This control measure requires the County to evaluate existing facilities and operations to identify areas of improvement that will help ensure a reduction in the amount and type of potential pollutants.

2.7.1. Facility Inventory

The County has assessed its inventory of County facilities and areas that have a potential to interact with storm water runoff with the goal of a completed facility inventory map which will aid the County in identifying the facilities location with respect to water bodies. A comprehensive list and map of County facilities will help county employees build a better awareness of their locations within the MS4 and their potential to contribute pollutants in storm water runoff. Baldwin County has two (2) facilities located in the Fairhope MS4 area, but none within the County MS4 area.

2.7.2. Facility Assessments

A comprehensive facility assessment is necessary to identify the facilities most likely to contribute storm water pollutants and the facilities in need of storm water controls. The facility assessments will involve a detailed site inspection to identify improperly stored materials, activities that should not be performed outside, and poor housekeeping practices.

2.7.3. Structural Controls

The County maintains approximately 104.79 miles of paved roads, approximately 0.19 miles of unpaved roads and 11 bridges within the County's MS4 Area. The storm sewer system associated with these roads consist of box culverts, side drains, cross drains and storm sewer systems. Box culverts, cross drains and side drains are typically located along the roads to convey stormwater either underneath the road or along the road. Storm sewer systems are typically located within residential developments.

A summary of the storm sewer system components located within the County's MS4 area is presented in Table 2-2 and Table 2-3

Table 2-2
Storm Sewer Inlet Inventory

Inlet Type	Number (ea)	Inlet Type	Number (ea)
Grate Inlet	16	Double Wing	331
Junction Box	98	Yard	67
Singe Wing	257	Slotted Drain	7
Curbed Inlet	5		

Table 2-3
Storm Sewer Pipe Inventory

Pipe Shape	Pipe Size (in)	Number (ea)	Length (ft)	Pipe Size (in)	Number (ea)	Length (ft)
Arch	18 X 11	1	64	58 X 36	2	276
	29 X 18	3	85	73 X 45	1	26
	36 X 23	5	386	88 X 54	1	238
	51 X 31	2	402	N/A	1	26
Circular	12	2	926	30	70	10,034
	15	4	427	36	84	10,896
	18	284	27,720	42	17	2,254
	21	138	14,240	48	9	1,472
	24	148	20,852	54	2	361
	27	41	7,120	60	3	416
Elliptical	14 X 23	13	752	32 X 49	4	138
	19 X 30	7	687	34 X 53	3	626
Elliptical	22 X 34	5	494	38 X 60	1	123
	24 X 38	6	692	43 X 68	2	216
	29 X 45	2	138			

A summary of the cross-drain pipes located within the County's MS4 area is presented in Table 2-4.

Table 2-4
Cross Drain Pipe Inventory

Pipe Shape	Pipe Size (in)	Number (ea)	Length (ft)	Pipe Size (in)	Number (ea)	Length (ft)
Arched	18 X 11	5	157	51 X 31	6	263
	22 X 13	1	16	58 X 36	3	72
	29 X 18	31	1,110	65 X 40	2	30
	36 X 23	23	898	73 X 45	2	78
	44 X 27	11	289			
Circular	12	3	115	36	3	60
	15	7	242	42	4	200
	18	67	2,966	48	5	267
	21	11	356	54	1	27
	24	49	1,635	60	3	75
	27	13	335	84	1	23
	30	15	383	96	1	43
Elliptical	14 X 23	18	681	27 X 42	1	82
	19 X 30	1	19	38 X 60	1	27
	24 X 38	2	95	43 X 68	1	12

2.7.3.1. Data Management

The County has a dedicated GIS/CIMS manager responsible for obtaining, developing, and maintaining the County's Graphic Information System (GIS) data and system. The County's GIS data includes mapping layers for box culverts, storm sewer pipes, storm sewer inlets and cross drainpipes.

Select attribute data for mapping layers used by the County include, but are not limited to, the following:

- Pipe shape;
- Material type;
- Number of barrels;
- Pipe size;
- Rip rap at inlet and/or outlet;
- Condition;
- Markers;
- Pipe length; and,
- Photographs.

The County has an on-going effort to update and maintain the information and data contained in the GIS system. To complement the GIS system, the County uses a Computer Information Management System (CIMS) to track time and activities associated with inspection and maintenance. County staff involved with maintenance will complete a Maintenance Activity Sheet daily that identifies where and what work was completed as well as by whom and the equipment used to complete the work. Maintenance activities can include:

- Structure clean out of leaves, sediment, floatables, and other debris;
- Mowing, clearing, or overhead limb removal to prevent drain blockage or reduced storm water flow;
- Regrading of swales and ditches to allow for proper storm water flow;
- Grass seeding/planting to prevent erosion;
- Replacing or repairing any reflective markers at cross drains; and,
- Replacing storm water structures.

This information is entered into the CIMS database. The CIMS Program provides the County with the ability to create activity reports that summarize the work performed on each structure for a period of interest.

Information on activities of the Baldwin County Highway Department is found in Appendix F. A Highway Department Progress Report for Fiscal Year 2020 is also included. This report was presented at a meeting of the Baldwin County Commission which was held on February 17, 2021.

2.7.3.2. Inspections

The County has begun performing an inspection of all structural storm water conveyance structures for this year. These inspections include, but are not limited to:

- Drainage elements such as ditches, erosion, pipe or drain condition, and any settlement occurring which may affect drainage watercourse;
- Shoulder roadside elements such as clearing, mowing, or encroachments maintenance;
- Percentage of overhead limbs on the roadway.

2.7.4. Roadways

The County has implemented and maintained BMPs to provide a means of mitigating the negative impacts of various pollutants that can be carried off by rainfall and receiving waters.

The County maintains approximately 104.79 miles of paved roads, approximately 0.19 miles of unpaved roads and 11 bridges within the County's MS4 Area. Most roads located within the County's MS4 Area have open grassed drainage swales that parallel both sides of the road.

2.7.4.1. License Agreement

If a landowner(s) seeks to perform some type of modification or work on a County Right-of-Way (ROW), the County has established a process where the landowner(s) will execute a License Agreement with the County. The License Agreement defines the work or modifications that will be performed and who is responsible for maintenance of the work or modifications. This mechanism prevents a landowner(s) from performing any work within a ROW without the prior written approval from the County's Highway Department. Types of work allowed under the License Agreement include the following:

- Drainage improvements;
- Road improvements; and,
- ROW clearing.

The License Agreement does allow for beautification projects within the landowner's portion of the ROW. One (5) License Agreement was executed and inspected in the MS4 area during the current reporting period.

2.7.4.2. Road Inspections

The County has begun performing its inspections of all paved and unpaved County roads for its biennial (two-year) basis. These inspections include, but are not limited to:

- Surface treatment elements such as surface treatment type, patching, edge repairs, and leveling;
- Shoulder conditions;
- Drainage elements such as ditches, erosion, pipe or drain condition, and any settlement occurring which may affect drainage watercourse;
- Shoulder roadside elements such as clearing, mowing, or encroachments maintenance;
- Traffic control elements including signage and striping; and,
- Percentage of overhead limbs on the roadway.

As problems are identified that require immediate attention, the inspector will complete a Problem Request and schedule the necessary repairs. The need for repairs will be identified as Urgent, Priority, or Routine and addressed as follows:

- Urgent – Schedule the repairs within the same day.
- Priority – Schedule the repairs within the next 3 days.
- Routine – Schedule the repairs within the next 5 days

2.7.4.3. Bridge Inspections

Bridges for County roads are typically inspected on a bi-annual basis in accordance with NBIS standards.

2.7.4.4. Mowing

The County has crews dedicated to roadway maintenance. Typically, County ROWs are mowed a minimum of three times per season (April 1st through September 30th). Roads with higher traffic volumes or major corridors may be mowed more frequently.

2.7.4.5. Litter Control

Roadside litter control BMPs implemented by the County to address health and aesthetic concerns also improve the quality of stormwater runoff by limiting trash in runoff conveyance systems. BMPs implemented by the County include:

- Regular litter, trash and debris removal and disposal;
- Sponsoring Adopt-a-Road program; and,
- Public education.

The County's Solid Waste Department has four (4) to five (5) dedicated litter crews with one County employee serving as supervisor and two to three inmates serving as laborers. The litter crew produces a daily and weekly report summarizing the areas which were cleared of litter and tracks the amount of waste on a spreadsheet. Due to Covid, the County's litter patrol program was suspended from 4/1/2020 until 1/1/2021. Examples of the daily and weekly litter reports are provided in Appendix F. Thirty-three tons (33) of litter were collected during the limited collection period.

The County supports the Adopt-a-Mile program in conjunction with the Alabama Department of Transportation (ALDOT) and People Against a Littered State (PALS). The County's website contains a link to redirect the user to the PALS website and Adopt-a-Mile registration. Currently, seven (6) miles of County roads within the MS4 Area are a part of the Adopt-a-Mile program.

2.7.4.6. Resurfacing

County roads with deteriorated paved surfaces are typically overlaid with new asphalt or milled, reclaimed, and replaced with new asphalt paving, depending on the deterioration cause.

2.7.4.7. Deicing Activities

Based upon the County's location, winter weather is infrequent. The County spreads sand on roads with snow or ice cover. After winter weather has subsided, the County removes the sand using a small front-end loader and a street sweeper. There were no deicing activities during the current reporting period.

2.7.5. Training

The County is evaluating and developing a training program to educate County employees on how to incorporate pollution prevention / good housekeeping practices into County operations and facilities. Training topics may include the following.

- Federal and State storm water regulations;
- Storm water pollution prevention plan requirements;
- Significant materials and storage practices;
- Best Management Practices (BMPs);
- Non-storm water discharges and evaluations;
- Site inspection and documentation protocols;
- Application of pesticides, herbicides and fertilizers;
- Road maintenance BMPs; and,
- Facility specific standard operating procedures.

To minimize the cost and resources associated with training, the County anticipates utilizing training programs and materials that have already been developed by EPA, ADEM and/or other readily available sources.

2.7.6. Flood Management

The NPDES permit requires the County to evaluate flood management projects for incorporation of additional water quality protection devices and practices to help improve water quality. If flood management projects are proposed within the County's MS4 area, the County will evaluate the projects for the potential incorporation of water quality features.

2.7.6.1. Community Rating System (CRS)

The National Flood Insurance Program (NFIP) provides federally backed flood insurance that encourages communities to enact and enforce floodplain regulations. To be covered by a flood insurance policy, a property must be in a community that participates in the NFIP. Baldwin County has been participants since 1978 and currently holds a Class 7 Building Code Effectiveness Grading Schedule (BCEGS) grade for One & Two-Family dwellings and Commercial & Industrial buildings.

The Community Rating System (CRS) Program is a point-based system which provides incentives for communities to do more than simply regulate construction of new buildings to minimum national standards. Under CRS, flood insurance

premiums are adjusted to reflect community activities which reduce flood damage to existing buildings, manage development in areas not mapped by the NFIP, protect new buildings beyond the minimum NFIP protection level, help insurance agents obtain flood data and help people obtain flood insurance.

The objective of the CRS program is to reward communities that are doing more than meeting the minimum NFIP requirements to help citizens prevent or reduce flood losses. The goal of the CRS program is to encourage, by the use of flood insurance premiums adjustments, community and state activities beyond those required by the NFIP.

Baldwin County has voluntarily participated in the Community System Program since 1995 and currently has a Class 7 rating which represents a savings of 15 % for Special Flood Hazard policies and 5 % for standard risk policies.

The CRS program is broken down into 18 creditable activities as follows:

Public Information Activities

- Elevation Certificates
- Map Information Service
- Outreach Projects
- Hazard Disclosure
- Flood Protection Information
- Flood Protection Assistance

Mapping & Regulatory Activities

- Additional Flood Data
- Open Space Preservation
- Higher Regulatory Standards
- Flood Data Maintenance
- Stormwater Management

Flood Damage Reduction Activities

- Floodplain Management Planning
- Acquisition and Relocation
- Flood Protection
- Drainage System Maintenance

Flood Preparedness Activities

- Flood Warning Program
- Levee Safety
- Dam Safety

Baldwin County provides public information to advise property owners, potential property owners, and visitors about hazards, ways to protect people and property from the hazards, and the natural beneficial functions of floodplains. Activities include flood determinations and technical assistances, public outreach and education, and real estate disclosure.

As a requirement of the CRS Program, Baldwin County must submit an annual recertification report each year and a cycle visit every five (5) years. The next cycle visit will take place on August 2025.

A recent effort related to CRS is the development of a new Flood Hazard Management Plan, which is a requirement of the CRS program. On May 3, 2016, the County Commission authorized the Building Official, the Emergency Management Agency (EMA) Director and the EMA Planning and Grants Coordinator to submit a planning grant application requesting $25,000.00 in federal share funds, with the 25% cost match being met by local in-kind services, for the creation of an updated floodplain management plan covering the unincorporated areas of Baldwin County. The Floodplain Management Plan Agreement (FMA-PL-04-AL-2016-001) with the U.S. Department of Homeland Security in the amount of $24,999.99 for the Baldwin County Emergency Management Agency through the Baldwin County Commission, was accepted on June 22, 2017. Wood Environment & Infrastructure Solutions, Inc. was subsequently selected to assist County staff in the development of the revised plan. Work began in early January of 2018.

The previous Flood Hazard Management Plan was adopted in 2000 but had not been updated. The revised plan addresses flood hazards and was developed in

accordance with CRS requirements. It is a single jurisdiction plan which geographically covers only the unincorporated area of Baldwin County. The County must review and revise the plan to reflect changes in development progress and local mitigation efforts and resubmit it for approval within five (5) years to continue to be eligible for mitigation project grant funding. This plan has been prepared to meet this requirement and will enable the County to earn additional points for its flood hazard mitigation efforts with the result being reduced flood insurance rates for the citizens of Baldwin County.

Opportunities for public comment on the updated plan were provided by the posting of the draft plan on the Building Inspection Department web site, and at the January 3, 2019, meeting of the of the Baldwin County Planning and Zoning Commission. The plan was adopted by the Baldwin County Commission on May 21, 2019. Information is included with Appendix F.

2.8 Monitoring Plan

In December 2011, the County was re-designated from a Phase I MS4 to a Phase II MS4. In April 2012, the Census Bureau released updated Urbanized Areas based on the 2010 Census. Because of the 2010 Census the Daphne-Fairhope Urban Cluster was changed to the Daphne-Fairhope Urbanized Area and its boundaries expanded along the I-10 corridor.

Baldwin County requested an amendment to its monitoring program, in 2014, due to the fragmented nature of its MS4 area, and due also to the fact that the County is not a contributor to 303(d) listed waters or TMDL streams located within its MS4 area. The County received a Costal Impact Assistance Grant to help protect wetlands and waterways by stabilizing unpaved roads and ditches. Because of this effort, the County will reduce the amount of sediment that enters streams and waterways. The County has paved approximately 16.42 miles of unpaved roads and stabilized approximately 119.43 acres. Turbidity sampling performed before the work was initiated and after the work was completed showed that paving dirt roads and stabilizing ditches significantly reduced the amount of sediment entering the streams and waterways. Documentation of monitoring for the County's dirt road paving projects has been provided in previous annual reports

No monitoring occurred during this permit period.

3. Summary Tables

Part V.C. of the NPDES permit requires that yearly activities performed by the County be summarized in a report. The purpose of the table is to document in a concise form the program activities, and permitee's compliance status with quantifiable permit requirements. The following tables in this section provide a summary of the Baldwin County's MS4 program activities.

3.1. Public Education and Outreach

Requirement	SWMP Activity Schedule		
	Required	Complied	Accomplished
Local Partnerships	Mobile Bay National Estuary Program Participation	Yes	Provide Support and Participation
	Weeks Bay Watershed Project Participation	NA	Provided Support and Participation
	Meet w/ Spanish Fort, Daphne & Fairhope	Yes	March 10, 21, Most Recent Meeting
	Municipal Partnerships	Yes	Listed in Report
	Identify additional partnerships	Yes	Actively Seeking Partnerships
Brochures	Maintain Display at County Facilities	Yes	Displayed at County Courthouses and on Website
	Evaluate Target Audiences	Yes	Audiences Evaluated
	Evaluate Pollution Sources	Yes	Sources Evaluated
	Develop New Brochures	Yes	Brochures Developed
	Identify Public Events for Distribution	Yes	Actively Seeking Events
News Articles	Maintain Inventory of Articles	Yes	Articles on Website

Website	Incorporate Storm Water Page	Yes	Storm Water Page Developed
Workshops	Evaluate Workshop Topics	Yes	Evaluation ongoing
	NEMO Workshop	Yes	Video Training
	Erosion Control Workshop	NO	0 QCI Certifications Due to Covid
	Planning Commission Training	Yes	1 Planning and Zoning Employees Certified Due to Covid Limited Training
Training	Evaluate Training Needs	Yes	Training Evaluated
	Identify Training Programs / Materials	Yes	Actively Seeking Training Programs and Materials
	Conduct Training	Yes	1 Training Opportunities

Comments:

1. Supporting information for Public Education is provided in Appendix A.

3.2. Public Involvement / Participation

Requirement	SWMP Activity Schedule		
	Required	Complied	Accomplished
General Activities	Maintain Citizen Service Centers	Yes	Maintained Daily
	Adopt-a-Mile Program	Yes	6 Miles Adopted
	Coastal Clean-up and Baldwin County Clean Sweep	Yes	Provided Support
	Adopt-a-Stream Program	Yes	Program Developed
	Stream Signage	Yes	Streams signed at bridges
	Storm Drain Marking Program	Yes	Program Developed
	Recycling Program	Yes	27 Recycling Locations 608.51 Tons Collected Single Stream
	Household Hazardous Waste Collection	Yes	47.75 tons collected
	Baldwin County Commission Meetings	Yes	Two regular meetings and two work sessions per month
	Baldwin County Planning Commission and Boards of Adjustment	Yes	12 Planning Commission meetings/21 Board of Adjustment meetings
Education Events	Baldwin County Preparedness Expo	No	Due to Covid Cancelled
	Woods & Waters Expo	No	Due to Covid Cancelled
	Earth Day	No	Due to Covid Cancelled
	Master Environmental Educator	Yes	Provided Support
	Erosion Control Workshop	No	0 QCI Certifications Due to Covid Event not Scheduled

Comments:

1. Supporting information and data associated with the Public Involvement / Participation is provided in Appendix B.

3.3. Illicit Discharges Detection and Elimination

Requirement	SWMP Activity Schedule		
	Required	Complied	Accomplished
Legal Authority	Develop Illicit Discharge Ordinance	Yes	Lack Legal Authority
	Adopt Illicit Discharge Ordinance	Yes	Lack Legal Authority
Data Acquisition	County GIS Data	Yes	System Updated
Outfall Inventory	Schedule	Yes	Schedule Completed
	Inspection Form	Yes	Form Developed
	Map	Yes	Map Developed
	Inventory	Yes	Inventory Completed
Illicit Discharges	Complaint Tracking System	Yes	Tracking System Developed
	Illicit Discharge Inspection Form	Yes	Form Developed
	Complaints	Yes	0 Complaints
	Illicit Discharge Investigations	Yes	0 Received
Standard Operating Procedures	Sample equipment use, maintenance	Yes	SOP Developed
	Outfall Reconnaissance Inventory	Yes	2021 Inspections Conducted
	On-site sewer disposal system evaluation	Yes	SOP Developed
	Sanitary sewer overflow evaluation	Yes	SOP Developed

Comments:

1. Information and data associated with Illicit Detection and Elimination is provided in Appendix C.

3.4. Construction Site Runoff

Requirement	SWMP Activity Schedule		
	Required	Complied	Accomplished
Legal Authority	Erosion and Sediment Control Ordinance	Yes	Lack Legal Authority
	Subdivision Regulations	Yes	Regulations Being Evaluated for Updates
Permitting	Develop SOP	Yes	SOP Developed
	Develop Land Disturbing Activity Application Form	Yes	Application Developed
	Track Number and Type of Permits	Yes	81 Land Use Certificates & Land Disturbance Permits Issued
Plan Review	Develop SOP	Yes	SOP Developed
	Develop Review Checklist	Yes	Check List Developed
	Develop Erosion Control Plan Requirements	Yes	Provided in Subdivision Regulations
	Track Number of Plans Reviewed	Yes	81 Land Use Certificates & Land Disturbance Permits
Inspections	Develop SOP	Yes	SOP Developed
	Develop Inspection Form	Yes	Form Developed
	Track Number and Type of Inspections	Yes	0 Subdivision Inspection
Enforcement Actions	Track Number and Type	Yes	0 Enforcement Action
Training	QCI Training	No	0 Certifications Due to Covid Event not scheduled

Comments:

1. Supporting information for the Construction Site Storm Water Runoff Program is provided in Appendix D.

3.5. Post-Construction Storm Water Management

Requirement	SWMP Activity Schedule		
	Required	Complied	Accomplished
Legal Authority	Develop Post Construction Storm Water Management Ordinance	Yes	Lack Legal Authority due to Limited Home Rule
	Adopt Post Construction Storm Water Management Ordinance	Yes	Lack Legal Authority due to Limited Home Rule
	Subdivision Regulations	Yes	Evaluating Regulations
	Zoning Regulations	Yes	Evaluating Regulations
Low Impact Development	Evaluate LID Practices	Yes	Evaluation in Progress
	LID Policy	Yes	Evaluation in Progress
Non-Structural BMPs	Develop Plan Review Procedures	Yes	Non-structural BMP plan review, inspection and maintenance requirements developed
	Develop Inspection Procedures	Yes	
	Develop Maintenance Requirements	Yes	
Structural BMPs	Evaluate and Identify BMPs	Yes	Structural BMPs, design standards and check list requirements developed
	Develop Design Standards	Yes	
	Develop Review Checklist	Yes	
Inspections	Develop SOP	Yes	Inspection Program Developed
	Develop Tracking System	Yes	
	Track Number and Type of Inspections	Yes	
Training	Evaluate Training Needs	Yes	Evaluation in Progress
	Identify Training Sources	Yes	Actively Seeking Sources
	Conduct Training	Yes	0 QCI Certifications Due to Covid Event not Scheduled

Comments:

1. Supporting information for the Post-Construction Storm Water Management Program is provided in Appendix E.

3.6. Pollution Prevention / Good Housekeeping

Requirement	SWMP Activity Schedule		
	Required	Complied	Accomplished
Facility Inventory	Identify County Facilities and Operations	Yes	Inventory Developed
	Inventory Industrial and Commercial Facilities	Yes	
Facility Assessment	Develop Facility Evaluation Form	Yes	Facility Evaluations Assessed
	Conduct Facility Evaluation	Yes	
	Prioritize Facilities	Yes	
	Develop Facility Recommendations	Yes	
	Develop Schedule for Implementation	Yes	
Standard Operating Procedures	Bridge Inspection / Maintenance	Yes	SOPs Developed
	Dirt Road Inspection / Maintenance	Yes	
	Paved Road Inspections / Maintenance	Yes	
	Right-of-Way Maintenance	Yes	
	Facility Inspections	Yes	
Training	Evaluate Training Needs	Yes	Evaluation in Progress
	Identify Training Resources	Yes	ALDOT, Alabama Technology Center
	Implement Training	Yes	ALDOT QCI Course Due to Covid training was not scheduled Other Training Certificates included in Appendix F
Flood Management	Review Flood Projects	Yes	CRS Program

3.6.1. Structural Controls

Requirement	SWMP Activity Schedule		
	Required	Complied	Accomplished
Data Management	Storm Sewer Pipe Inventory	Yes	Inventory Completed
	Storm Sewer Inlet Inventory	Yes	Inventory Completed
	Cross Drain Pipe Inventory	Yes	Inventory Completed
Inspections	Drainage Swales	Yes	18 Inspected
	Storm Sewer Pipe & Inlets	Yes	13 Inspected
	Cross Drain Pipe	Yes	3 Inspected
Cleaning and Maintenance	Drainage Swales	Yes	18 Maintained
	Storm Sewer Pipe	Yes	13 Maintained
	Cross Drain Pipe	Yes	3 Maintained

3.6.2. Roadways

Requirement	SWMP Activity Schedule		
	Required	Complied	Accomplished
GIS Data	Road and Bridge Inventory Update	Yes	Inventory Updated
Roadway Design	Plan Reviews	Yes	2
License Agreements	License Agreements Executed	Yes	5 Agreement Executed, MS4 Area
Inspections	Paved Roads	Yes	108 Roads
	Unpaved Roads	Yes	2
	Bridges	Yes	5 Inspections
Roadway Maintenance	Mowing ROW	Yes	3 cycles completed
	Litter Control	Yes	167.82 Tons Picked-Up
Roadway Repair	Resurfacing - Overlay	Yes	4 Roads
Deicing Activities	Deicing Events	Yes	0 Events

Comments:

1. Supporting information and data associated with the Pollution Prevention / Good Housekeeping Program is provided in Appendix F.

4. MS4 Program Modifications

4.1. SWMP Plan Update

The County has completed an annual review of its Storm Water Management Program Plan. Currently, there have been no updates to the plan. During the upcoming permit renewal, the County's SWPPP will be updated with new Minimum Control Measure goals for the next five-year permit cycle.

Appendix A

Public Education and Outreach

D'Olive Watershed Intergovernmental Task Force
7:00 a.m. Thursday, July 9th, 2020
Zoom Meeting
https://disl.zoom.us/j/95794371058?pwd=WWQ1bllTakpvWm9vQ1ZSL2gxdTZEUT09

Meeting ID: 957 9437 1058
Password: 175207

Agenda

Meeting Objectives

- Provide updates on project status and coordinate efforts for impending projects
- Discuss status of WMP update
- Strategize for prioritizing remaining funding to identified restoration projects

I. Old Business
   a. Project updates
      - D'Olive Creek
      - Tiawasee Creek

II. New Business
   a. D'Olive Watershed Management Plan Update
   b. Prioritizing Future D'Olive Watershed Restoration Efforts
   c. Delisting of Joe's Branch

Mobile Bay National Estuary Program
Government Networks Committee

February 5, 2021, 8:00 am – 9:00 am
Zoom Virtual Meeting

Agenda

Meeting Objectives:

a) Provide status of NFWF GEBF & RESTORE funding
b) Review CCMP Objectives
c) Review status of watershed planning in coastal Alabama

1. **Welcome and Introductions**
   GNC Co-Chairs:
   Commissioner Merceria Ludgood, Mobile County
   Commissioner Billie Jo Underwood, Baldwin County

2. **Review and Approval of Minutes**

3. **Old Business**
   a) NFWF GEBF/RESTORE Update
   b) EPA-NEP Program Evaluation Findings

4. **New Business**
   a) Status of Watershed Planning in Coastal Alabama

5. **Adjourn**

Minutes

In attendance: Billie Jo Underwood, Baldwin County Commission; Merceria Ludgood, Mobile County Commission; William Puckett, Alabama Soil & Water Conservation Committee; Tony Strunk, City of Daphne; Joe Davis, Baldwin County Commission; Scott Bannon, ADCNR-MRD; Margie Wilcox, AL House of Representatives; Shannon McGlynn, ADEM; Jeff Collier, Town of Dauphin Island; Chris Blankenship, ADCNR; Amy Hunter, ADCNR; Chris Thomas, EPA Region 4; Patty McCurdy, ADCNR-State Lands; Diane Burnett, SARPC; Newton Cromer, Saraland City Council; Mike McMillan, City of Spanish Fort; Casey Rains, City of Spanish Fort; Matt Anderson, City of Mobile; Sandy Stimpson, City of Mobile; Ralph Hellmich, City of Foley; Tony Ebright, City of Semmes; Chris Plymale, EPA Region 4

Staff: Roberta Swann, Bethany Hudson, Christian Miller

Takeaways

- The majority of RESTORE funded projects have been awarded and are in some stage of planning and implementation. The current suite of NFWF-funded projects for 2021 is still under development.
- CCMP objectives pertaining to the GNC fall under Technical Assistance and Capacity Building and focus on aiding coastal communities better manage environmental resources.
- The MBNEP passed its recent program evaluation and the CCMP is an official federally approved management plan.
- Coastal watershed planning is continuing and the NEP is focused on completing the remaining watershed plans with a focus on getting WMP development for the Eastern and Western Delta complexes underway as soon as possible.

Meeting began at 8:05 a.m. Commissioner Ludgood welcomed the group, went over the agenda and Commissioner Underwood asked for a motion to accept the minutes from the previous meeting which was made by Joe Davis and seconded by William Puckett. The minutes were accepted.

NFWF/RESTORE update, Amy Hunter

RESTORE

- Mobile County Blueway user survey is open and would appreciate you taking it and passing it along: https://www.mobilecountyblueway.com/
- All Bucket 1 projects have been funded and are moving on through procurement process and engineering and design.
- Bucket 2: Finally received notice of award for comprehensive living shoreline study which will be moving into implementation.
- Bucket 3: 29 projects total, 15 have been awarded to date. Baldwin and Mobile counties both have projects in process. Bayou La Batre and the City of Mobile also have multiple projects underway.
- Center of Excellence is progressing; the Sea Lab is making the necessary changes to support the research that will take place under this program. https://alcoe.disl.edu/

NFWF-GEBF

- Development of 2021 project slate is underway. This list hasn't been finalized, but construction of the Dauphin Island Causeway shoreline project is expected to be one of them. Project scope is approximately 3 miles (from the foot of the DI Bridge to Bayfront Park).
- Dauphin Island: E&D for the restoration of the East end beach is underway. The West End of DI was acquired with NRDA bird money. Aloe Bay project is going well.
- Regular updates and project information can be found here: https://www.alabamacoastalrestoration.org/

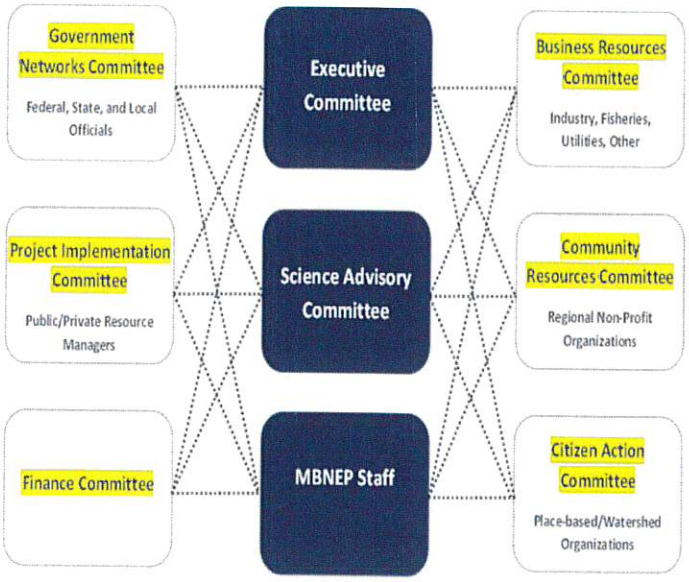
Clean Water Alabama

- initiative of Joe Faust and others in Baldwin County to raise awareness of coastal water issues and increase stewardship of Baldwin Counties natural areas

- Group coalesced after Hurricane Sally to help solve issues related to trees and debris in local waterways.
- Group is very new, but they have actively championed the implementation of the Weeks Bay Watershed Plan. Joe and Teddy Faust will be able to share more information at an upcoming meeting.
- Online Survey can be accessed here: https://universityofalabama.az1.qualtrics.com/jfe/form/SV_6YHbKccN5mshONE
- Joe Davis mentioned that Baldwin County has been working with Commissioner Blankenship on ways to address the debris that are clogging up inland streams.

Overview of the MBNEP and CCMP

- Roberta welcomed the new members to the GNC and stated that the CCMP was similar to a lot of the comprehensive plans communities have developed and implemented, although the MBNEP's CCMP has a focus on the natural environment
- The NEP's Management Conference is made up of several sectors of the community, approximately 400 community leaders and various state and federal agencies comprise the committee membership.
- As part of the last CCMP update the GNC was polled and indicated the following challenges/opportunities:
    - Challenges: Political will/Buy-in, Funding, Development pressures, Inconsistencies/lack of regulations, Stormwater Management
    - Opportunities: Regulatory Changes, Incentives/Innovative Financing, Education, Legislative Action, Infrastructure improvements



The MBNEP Management Conference

- The GNC falls mainly under Technical Assistance and Capacity Building. One of our charges at the NEP is to aid local communities, many of whom may lack in-house capacity, to help improve environmental management.
- One of those objectives is the establishment and operation of watershed partnerships and task forces. The D'Olive Intergovernmental Task Force is an example. Members include cities of Daphne, Spanish Fort, Baldwin County, ADEM, and this group has helped to guide restoration efforts in the Watershed.
- Another objective is to maintain the South Alabama Regulatory Review which is a comprehensive review of Federal, State, and local ordinances related to environmental management and provide recommendations for improved environmental management. This document is currently being updated and the current version is available here: http://www.mobilebaynep.com/images/uploads/library/FinalReport_withAppendices_Matrix.pdf
- Another objective is to provide a resource library of videos and other tools for aiding environmental management.
- Also working to provided regular and relevant training opportunities for local government resource managers. Recently, workshops have been held for watershed hydrologic models that have been developed.
- The Create a Clean Water Future program was established by a coalition of local municipal staff to provide resources to educate and provided resources (including the educational videos). This website can be accessed here: https://www.cleanwaterfuture.com/

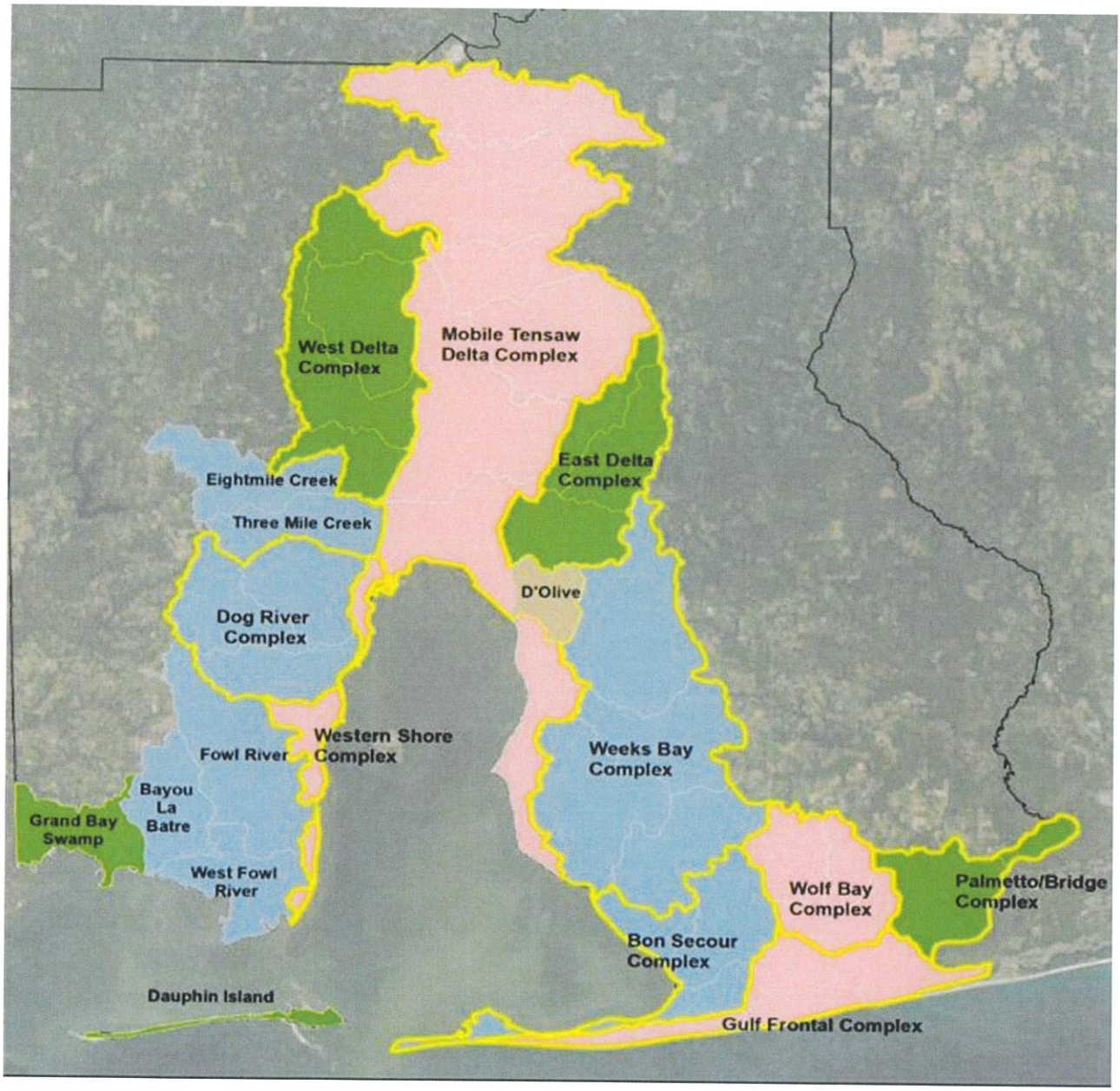
EPA-Program Evaluation

- The MBNEP passed the recent program evaluation with flying colors. The review team did ask the

MBNEP update the coastal monitoring framework. Applauded the work through the Clean Water Future Program and the Management Conference and how so many sectors of the community are engaged.

- Chris Plymale noted that the MBNEP does a great job and the "dings" were very inconsequential. EPA Region 4 appreciates the efforts of everyone involved with the MBNEP.
- The MBNEP's CCMP is an official federally approved plan, so this plan can be cited in any funding application that requires linking it to a federally approved plan.

Watershed Planning Update



- The current status of watershed planning in coastal Alabama
  - Recently completed WMP – Wolf Bay http://www.mobilebaynep.com/images/uploads/library/Wolf_BayWMP_web.pdf
  - Under Development – Western Shore, Gulf Frontal, MTA Delta, D'Olive (update), Fly Creek/Eastern Shore, Dauphin Island
  - On Deck: Eastern Delta, Western Delta
- It is imperative to have baseline watershed assessments underway in both the Western and Eastern Delta complexes in order to feed information into WMP development.
- Each of the watersheds is unique in the communities and issues that are involved
- The Western Delta complex has four individual HUC 12 watersheds: Cold Creek, Gunnison Creek,

Bayou Sara, and Lower Chasaw Creek. Grouping multiple watersheds together has some benefits in economy of scale to reduce the overall cost per HUC12, but it may make more sense to break them up into multiple watersheds complexes for planning purposes.

- These plans are actively being utilized to put funding on the ground. To date, projects identified as part of a watershed planning process have led to over $337 million in BP spill-related funding.
- Regular updates on coastal watershed planning can be found on the MBNEP website.

Meeting adjourned @ 9:05 am

Mobile Bay National Estuary Program
Government Networks Committee

August 14, 2020, 8:30 am – 10:00 am
Zoom Virtual Meeting

Agenda

Meeting Objectives:

a) Management Conference Committee Status Review
b) Provide status of NFWF GEBF & RESTORE funding and Watershed Planning
c) Wrap-up Coal Ash project
d) Discuss the value of the MBNEP
e) EPA-NEP Program Evaluation Team Q & A

1. **Welcome and Introductions**
   GNC Co-Chairs:
   Commissioner Merceria Ludgood, Mobile County
   Commissioner Billie Jo Underwood, Baldwin County

2. **Review and Approval of Minutes**

3. **Old Business**
   a) Management Conference Committee Status Review
   b) NFWF GEBF/RESTORE Update
   c) Watershed Planning Update

4. **New Business**
   a) Coal Ash wrap-up
   b) State and Local Investment in the MBNEP
   c) Value of the MBNEP
   d) EPA-NEP Program Evaluation Team Q & A
   e) Schedule next meeting

5. **Adjourn**

Minutes

In attendance: Ashley Campbell, City of Daphne; Merceria Ludgood, Mobile County Commission; William Puckett, Alabama Soil & Water Conservation Committee; Tina Sanchez, Mobile County Commission; Rosemary Ginn, City of Mobile; Veronica Hudson, Saraland City Council; Scott Bannon, ADCNR-MRD; Margie Wilcox, AL House of Representatives; Lynn Battle, ADEM; Jeff Collier, Town of Dauphin Island; Billie Jo Underwood, Baldwin County Commission; Chris Blankenship, ADCNR; Joseph Abston, Washington County Commission; Chris Thomas, EPA Region 4; Tom Williams, City of Satsuma; Patty McCurdy, ADCNR-State Lands; John Valentine, DISL; Diane Burnett, SARPC; Newton Cromer, Saraland City Council; Three unidentified participants via phone.

EPA-NEP PE Team: Romell Nandi, EPA Headquarters; Kathy Hill, Indian River Lagoon NEP; and Chris Plymale, EPA Region 4

Staff: Roberta Swann, Bethany Hudson, Christian Miller

Takeaways

- The NEP has wrapped up their coal ash project and we encourage all GNC members to take advantage of these resources and to communicate their effectiveness to colleagues and constituents.
- The State, counties, and local municipalities have been great supporters of MBNEP since its inception but more work is needed to strategize with the Finance Committee on long-term funding for the program.
- The counties and municipalities have realized great benefits from their participation with the MBNEP through leveraging of funds to complete priority projects and provision of educational materials supporting programs and meeting MS4 requirements.

Meeting began at 8:35 a.m. A motion was made to accept the minutes from the previous meeting by Commissioner Ludgood and seconded by William Puckett. The minutes were accepted.

NFWF/RESTORE update, Commissioner Blankenship

- The easiest way to get updates on approved projects is to visit the Alabama Coastal Restoration website. https://www.alabamacoastalrestoration.org/
- All but one of the Bucket 1 projects have been submitted and awarded by the Federal Council.
- All Bucket 3 projects are on track to be submitted to Federal Council by October. Still working with cities and counties to get required documentation together. Over half of these projects have been awarded.
- NRDA – Restoration plan three came out in December and included bird and recreational use projects. One of these is the renovations to the Gulf State Park fishing pier which should be wrapped up by the first of September. An elevated and handicapped-accessible observation tower will be on the end of the pier. Work started on the Ft. Morgan pier this week. Bird habitat projects are also underway. Region-wide TIG is working on Oyster, bird; marine mammal projects and a restoration plan draft should be available later this year.
- NFWF – Three projects are working through the process this year and will be announced in November and include construction money for projects that were awarded engineering and design funds in previous years.
- RESTORE – working on the next FPL which will be made public in October/November and awarded in April 2021 accounting for $302 million gulf-wide. Working to get many good Alabama projects included.

Watershed Planning Update

- Wolf Bay plan is out for public comment and available on the NEP Website. http://www.mobilebaynep.com/the_watersheds/wolf_bay_watershed/

- Western Shore, Gulf Frontal, MTA Delta, D'Olive Update are all in progress. Fly Creek/Eastern Shore WMP is just starting.
- The next plans to get started will most likely be Dauphin Island followed by the Eastern and Western Delta watersheds. Watershed baseline sediment studies will be necessary in the east and west delta watersheds to feed data into the WMP but won't be necessary for the Dauphin Island plan.
- For regular updates on WMP status please visit the NEP website: http://www.mobilebaynep.com/the_watersheds

Roberta gave an update on what MBNEP Management Conference Committees have been working on:

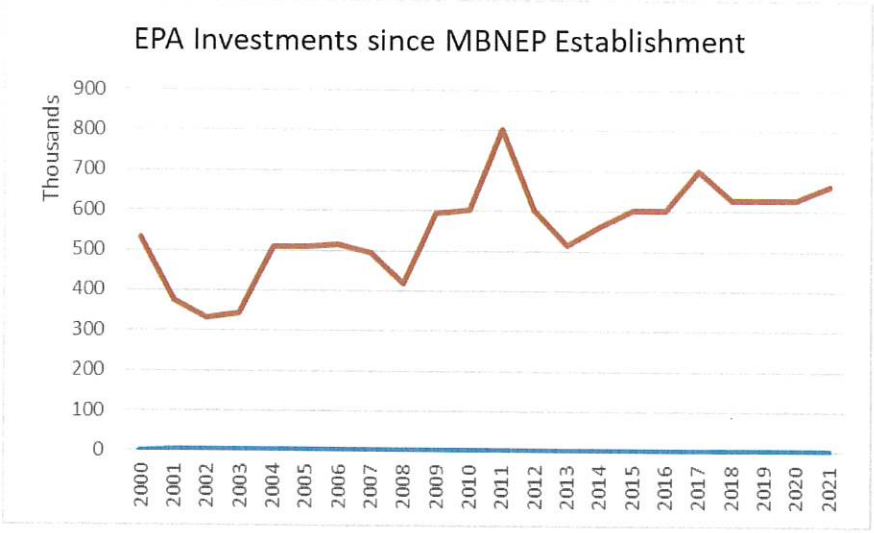
- **GNC**: Coal ash education, watershed planning status, and legislative activities
- **PIC**: Watershed planning, project implementation, and shorelines planning
- **FC**: Strategizing for the long-term sustainability for the MBNEP
- **SAC**: Stressor evaluation, watershed modeling, comprehensive ecosystem modeling for the greater Mobile Bay Watershed
- **BRC**: Oyster aquaculture/support for restoration, Marketing campaign for farm-raised oysters, access to capital for commercial fisheries interests
- **CRC**: Development of a work plan to address trash, litter, and marine debris
- **CAC**: Focusing on citizen science: WQ, flooding, SSOs, phytoplankton, DO, invasive and native plant species, and other data collection opportunities

Coal Ash wrap-up

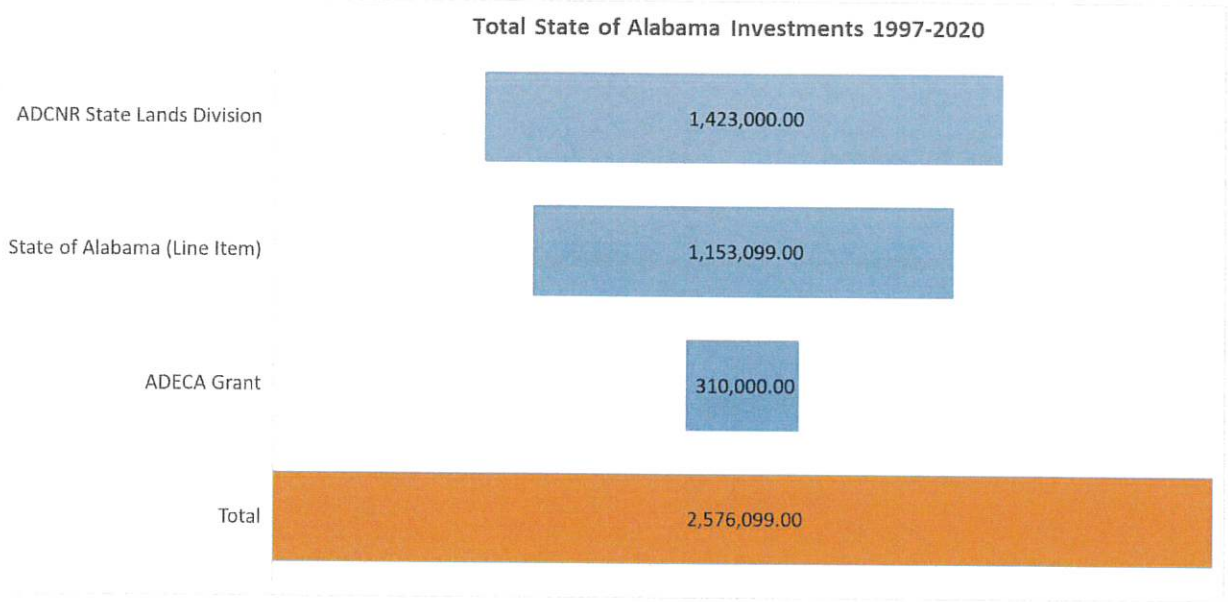
- Over the last year we have heard from third-party experts from across the country on the subject of coal ash.
- This committee has heard presentations from Marlon Cook on the hydrogeologic factors influencing the closure as well as Bob Snow's structural integrity review of the ash pond closure plan.
- Coal ash resources, including the movie *the Unintended Consequences of Convenience* are available here: http://www.mobilebaynep.com/index.php/the_watersheds/tensaw_apalachee_watershed/coal_ash
- Please pass this information on to anyone who asks or would benefit from watching it.
- Commissioner Ludgood stated that that the film was what she had hoped for and that it gives enough information to draw your own conclusions about what works best.
- Commissioner Ludgood represents the area affected by the ash pond closure and has not received concerns from constituents in the area regarding the ash pond and has encouraged them to watch the film.
- Commissioner Underwood has spoken with people in Baldwin County who have viewed the film and said the response she has received has been positive and the film provided an objective overview of the issue.
- Margie said the film is a useful tool and appreciates MBNEP providing the information.
- Newton said he thought the information was very objective and fairly presented.

State and Local Investment in the MBNEP

- From 2000 forward the EPA has invested over $12 million in the MBNEP and in projects that it has undertaken. Over time this funding has been used to sustain the MBNEP while we have sought to acquire extramural funding for projects. The MBNEP's Finance Committee must strategize and consider how the EPA and State and local funds are best invested going forward.



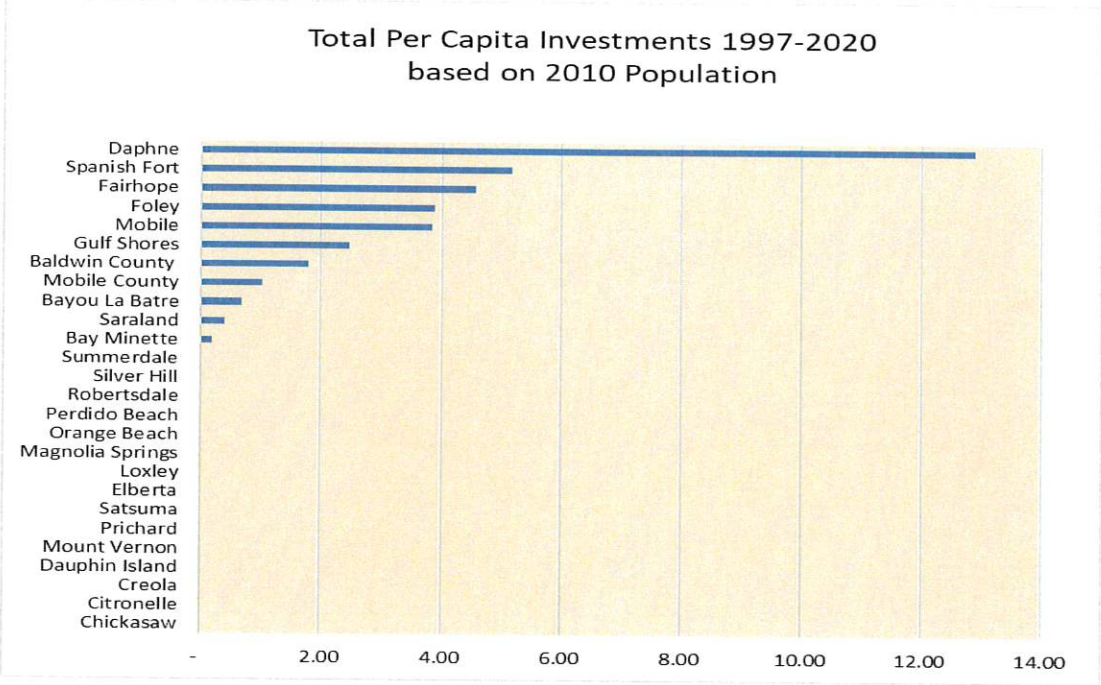
- State funding in the MBNEP has been very robust. Not all NEPs enjoy this level of state support. ADECA provided initial funding which shifted to ADCNR/State Lands in 2002. This funding has been steady and has increased since 2014 as BP spill money has come online and MBNEP has helped getting this funding on the ground. In 2008 the coastal legislative delegation succeeded in establishing a State line item through the education trust fund as part of DISL's appropriation specified for the MBNEP.
- A total of over $2.5 million dollars has been provided by the State of Alabama for which the MBNEP is thankful. An impressive investment by the State.



- Mobile and Baldwin counties and the City of Mobile have been staunch supporters of the MBNEP since its inception. MBNEP receives $660,000/year from EPA which must be matched 1:1 from local monies. The counties, along with the City of Mobile, have been great supporters. Daphne has also provided a tremendous amount of funding which tells the story of the value of watershed planning.
- Saraland and Bay Minette also provided initial Program funding and we look forward to going back into those communities as we commence watershed planning in those areas.
- Daphne and Spanish Fort have been great supporters of the MBNEP and have also realized the greatest benefits of investments due to their involvement in the watershed planning and implementation process.
- In relation to added value, Merceria mentioned that she was talking to a constituent about an ongoing project that was the result of a drainage study funded by MBNEP. As a result of that initial $50K investment by MBNEP, four bridge projects and associated infrastructure projects had materialized. The first bridge project is ~$800K and the others are significantly more. The people

that live in those areas that have been subjected to flooding and SSO's have greatly benefited and appreciate the investment.

- Newton mentioned that Saraland has experienced a lot of flooding issues which are due to runoff and sedimentation. The communities have benefited from a lot of studies undertaken by USACE and MBNEP and we appreciate the hard work of Commissioner Ludgood who has championed the



efforts to support our communities. The efforts of MBNEP to provide data to support local investments in our communities are appreciated.

- The Finance Committee has been reestablished to work on long-term funding strategies. There is a potential that Federal dollars get cut. The future of Federal monies is uncertain. This is why we continue to ask how MBNEP provides value to you and what we can do to increase this value.
- At some point the question should be asked of whether or not to shift to using local dollars for our operational budget and use EPA dollars to support community projects. State and local dollars = ~$300K while MBNEP's operational costs are ~$800K.
- MBNEP doesn't do fundraising projects. We rely on our state and local governments to provide funding. We hope to recruit several of our GNC members to participate on our Finance Committee so that we can better communicate the MBNEP's value to local communities.
- Billie Jo stated Baldwin County is in budget deliberations and will be debating miscellaneous funding soon. There are three new Commissioners (including myself) that may not understand the importance of the work done by MBNEP. My participation on the GNC has helped me understand the importance of the work of this organization and the environmental issues facing Baldwin County. This will continue to be a learning experience for the new Commissioners to ensure we are making the best investments for Baldwin County.
- Mayor Collier spoke highly of the Trash Blows campaign which started several years ago in conjunction with the DI Deep Sea Fishing Rodeo. Banners along the roadways and educational materials at the Rodeo site (provided by the Mobile Jaycees) highlighted the importance of stowing trash in boats and trucks and anecdotally we think there has been a reduction in trash on local roadways.

Value of the MBNEP

- Tina said that Mobile County has through time, starting with CIAP funds, prioritized conservation and land acquisition and was pleased to assist with the conservation of priority bottom land hardwood wetland parcels in the Dog River Watershed along Halls Mill Creek. We are waiting on the funding agreement from NFWF and will have more information as we move forward with this ~$2.5 million project.

- The County appreciates the framework provided through the CCMP which demonstrates public value for access which we have been using to justify GOMESA funding to provide additional access points throughout the County.
- The NEP and the County have partnered on a large and complex shoreline restoration project along the DI Causeway that focuses on increasing community and habitat resilience. This project protects critical habitat and the only transportation route on and off Dauphin Island.
- Commissioner Blankenship stated that this project is very important to Dauphin Island and we have been promoting its importance to funders in Washington DC. We appreciate the County and MBNEP taking on this challenging project and once complete will be a testament to the great cooperation between the County and the NEP.
- Rosemary Ginn, Stormwater Manager with the City of Mobile, stated that the City appreciates the partnership with the NEP and all the efforts they have been a part of including the Create a Clean Water Future program and watershed plans for Three Mile Creek and Dog River.
- The City recently received an EPA Trash Free Waters grant which would not have been possible without the partnership and hard work of the NEP. The Litter Gitters have been very effective at capturing trash in the TMC Watershed and we've been able to leverage this initial partnership to sustain and expand the program.
- In 2019 the City was able to pass a stormwater utility fee that has enabled us to do more, but that initial funding through the NEP was critical to stand up and help sustain the City's MS4 programs. This work garnered the attention of EPA Region 4 administrator Mary Walker, who visited Mobile to see the good work going on. It was nice to be acknowledged for something positive.
- There are several capital projects implementing the TMC WMP underway including: 12 Mile stream restoration (2 separate projects), Langdan Park Lake dredging, invasive species management (mainly vegetative), and the TMC trail project.
- Ashley Campbell with the City of Daphne said the NEP was there from the beginning in 2007 when there was a struggle to get a handle on the issues which resulted in the initial D'Olive WMP. This WMP delivered the scope of the problem and provided a solution to fixing it. We are now ten years into implementation and are realizing the benefits of our partnership with MBNEP.
- The Clean Water Future campaign has been a very valuable tool for educating elected officials, staff, and citizens. These materials are available to anyone for free and are a huge benefit to Daphne and other cities around the State.
- The various management conference committees (PIC and SAC) have provided opportunities to solve problems and are a great benefit.

- Working through the Intergovernmental Task Force that was established during the WMP has allowed the cities of Daphne, Spanish Ft, and Baldwin County to come together and solve shared problems under the leadership of the NEP. Through these efforts we have been able to restore Joe's Branch. This project received a lot of recognition, won several awards, and withstood the major rain event in spring of 2014. This success led to additional funding through NFWF to restore additional streams, and this year Joe's Branch was able to be de-listed from the State's impaired waters list. We are proud to support the NEP and we have seen that for every $1 invested by Daphne into the NEP has returned $86. We are a proud partner with MBNEP.

EPA-NEP Program Evaluation Team

- Romell asked about the efforts, in general, by the GNC and members to support watershed planning. Billie Jo said that Baldwin County doesn't have an environmental planner and that is something we need at the County. Billie Jo appreciated hearing from Ashley and learned a lot from today's program. The NEP has helped to fill this need for the County. Merceria said that when she first became an elected official environmental issues were near the bottom of her list in terms of

importance. It was only after becoming involved with the NEP that she became aware that the sources of a lot of the County's problems were related to stormwater management and other environmental issues. The GNC has enabled elected officials from across lower Alabama to be more effective managers and stewards of the environment. Bill Puckett said he has appreciated the NEP and being able to work on the various committees on agricultural issues through the watershed planning process. Margie Wilcox stated that she appreciated the NEP and all their efforts in passing the litter legislation. Margie also stated that she would like to help the NEP at the State level on budgeting/funding issues.

- Kathy said she understood there to be some constitutional barrier that prevents counties from working cooperatively to solve watershed issues. Roberta said that the lack of home rule hasn't really prevented this work and the NEP has served as a conduit to get a lot of this work accomplished. Merceria said that Randy Davis had passed some legislation in the past that helped make this process easier and working through the NEP doesn't violate the constitutional prohibition. Romell said this is very good value-added for the NEP to be able to allow this type of cooperation.
- Romell asked if the GNC has worked to improve stormwater management plans to combat litter and trash. Roberta said there is a tremendous amount of effort locally to deal with litter. The GNC has worked with Margie to help pass state-wide legislation to strengthen litter regulations.
- Romell asked what type of information is needed at the State and local levels to help argue for sustained investment in the NEP. Ashley said that the return on investment information is very important to be able to show her City Council and justify the continued investment in the program. Roberta said that it is common practice to provide a return on investment information with funding requests to cities and counties. Merceria said it's important for those of us that are involved with the NEP to consistently share our information with our colleagues who are unaware of the importance of environmental issues. Patty said the NEP has been instrumental in helping to leverage multiple funding sources to get projects on the ground.

Meeting was adjourned at 10:20 a.m.

Mobile Bay National Estuary Program
Government Networks Committee
Structural Integrity Review for Alabama Power's Plant Barry CCR Closure Plan
Zoom Meeting
May 4, 2020
1:30-3:30 P.M.

Meeting Attendance: Mike McMillan, Billie Jo Underwood, Charles Murphy, Scott Hughes, Merceria Ludgood, Connie Hudson, Sandy Stimpson, Robert Snow, Scott Story, Chris Blankenship, Casi Callaway, Elizabeth Roney, Ashley Henderson, Wayne Dyess, R. Cink, Marlon Cook, Rosemary Ginn Sawyer, Seven individuals participated by phone only.

Staff: Ben Brenner, Jason Kudulis, Roberta Swann, Christian Miller

Key Takeaways

- It is the opinion of the Professional Engineer in charge of conducting this independent review that acceptable structural integrity and performance is demonstrated by the proposed Plant Barry coal ash pond closure plan procedures, design, and engineering analysis.
- It is the opinion of the Professional Engineer in charge of conducting this independent review that the structural integrity criteria have been met, and in some cases surpassed, providing confidence in the closure plan.
- Riverine and coastal storm surge analyses were performed and indicated that exterior dikes would not be overtopped in the event of a 1,000-year storm.
- Recommendations were made for Alabama Power to:
    - Analyze the stability and performance of the storage yard in the NW corner of the facility.
    - Supplement post-dewatering and preloading geotechnical exploration with CCR saturation and shear strength characterization.
    - Incorporate geotechnical instrumentation and monitoring program.
    - Evaluate the potential of erosion of exterior perimeter dikes due to river flooding and implement slope protection if warranted.
- Recommendations were made to the local watershed community to
    - Monitor and review publically disclosed project records and inspection reports to check progress and confirm conditions.
    - Ensure that the EAP is updated as conditions change and that scheduled meetings with emergency management agencies are conducted and reported.

This presentation in its entirety can be accessed here:
Approximate time stamps are provided in parenthesis in their respective sections of this synopsis.

The meeting began at 1:35 P.M. Christian gave a brief overview of the agenda then mentioned that MBNEP had been charged by the GNC to investigate the critical factors influencing Alabama Power's (APCO) plan to close the ash ponds at the Barry Steam Plant and reviewed the Purpose and Objectives of this project:

TAC-3: Build capacity of local governments to manage and enhance coastal environmental resources.

- Improve understanding of the legal framework and critical hydrogeological and structural factors influencing APCO's Coal Combustion Residuals (CCR or coal ash) pond closure plan.
    - Review of legal framework and hydrogeologic factors is complete; fact sheets available.
    - Structural integrity review is complete.
    - Film summarizing findings is expected to be completed in May.

Next, Christian introduced Robert (Bob) Snow, P.E. with D'Appolonia Engineering to present findings of a structural integrity review for the Plant Barry ash pond closure plan. MBNEP contracted with D'Appolonia to conduct a review of this closure plan which consisted of a limited review of permit application submittals and available design documents related to the ash pond closure.

Bob mentioned that he reviewed several publicly available documents as part of his review process including:

- 2019 Amended Coal Combustion Residual (CCR) Closure Plan for Ash Pond
- Closure Plan Design Drawings (Draft 100% Design, Not for Construction)
- 2019 Plant Barry Ash Pond Dewatering Plan
- 2018 Permit Application for CCR Surface Impoundment

Additional exploration, testing, and engineering documents supporting the CCR closure plan were also reviewed that are not publically available.

The purpose of this independent review was to evaluate aspects of the engineering, design, and permitting of APCO's proposed closure plan to identify potential areas of concern or gaps in information that may be important to decision making with respect to structural integrity of the closed and consolidated coal ash facility.

Bob mentioned that the Hazard Potential Classification and Emergency Action Plan are two components of this review. The Hazard Potential Classification is a reflection of the potential impact that a failure would have, if one were to occur (not of the imminent threat of a facility). These classifications generally fall into either one of low, significant, or high hazard potential categories. The Plant Barry ash pond currently has a classification of "significant", meaning there could be significant downstream environmental impacts were a failure to occur but no anticipated loss of life (which would elevate it to the "high" category). The Hazard Potential Classification establishes specific design criteria for the closure plan and the requirement for an Emergency Action Plan (EAP); this provides for emergency response and coordination with local emergency management agencies should the need arise.

Key current site conditions at Plant Barry (Fig. 1):

- 597-acre ash pond containing over 21 million tons of coal ash adjacent to the Mobile River
- The coal ash within the pond typically varies from 20-30' thick, is composed of fly ash and bottom ash, and is generally loose and saturated with water
- Ash is contained by an extensive perimeter dike founded on clay
- Ash is underlain by clay and sand layers
- Underlying sand represents a semiconfined aquifer that flows towards, and discharges to, the Mobile River

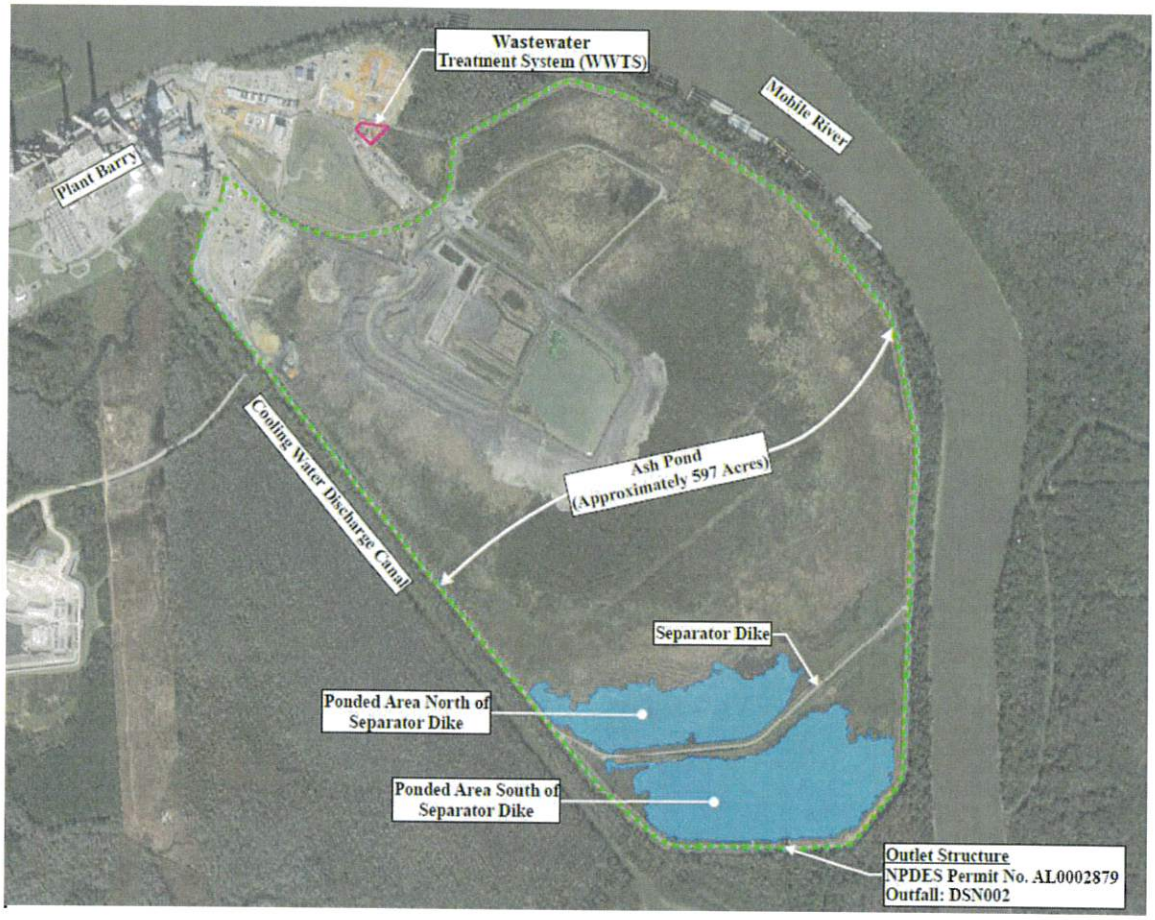


Figure 1. Current site conditions at the ash pond at the Alabama Power Company's Barry Steam Plant located along a bend of the Mobile River in Bucks, AL.

Key Components of the CCR Closure Plan (8:38)

The main concept of the closure plan is to consolidate ash into a reduced footprint of ~330 acres on the north end of the site and the closed structure will rise above the current grade (Fig 2 and Fig 3). This consolidation results from removal of ash along the inner perimeters of the dike and creates a buffer between the river and allows installation of containment structures and stormwater management infrastructure. A stormwater settling basin and NPDES outfall on the south end of the site will be maintained. Key components of the closure process include:

Dewatering & Stabilization (11:28)

- Removal of free water and reduction of interstitial water within the coal ash will be accomplished by pumping from open pooled areas and creating sumps in the ash.
- Water that is in contact with coal ash will pass through a filter berm to reduce solids and then pumped to a wastewater treatment system prior to discharge.
- Dewatering will continue throughout closure and contributes to stabilization of the ash material during the excavation process.

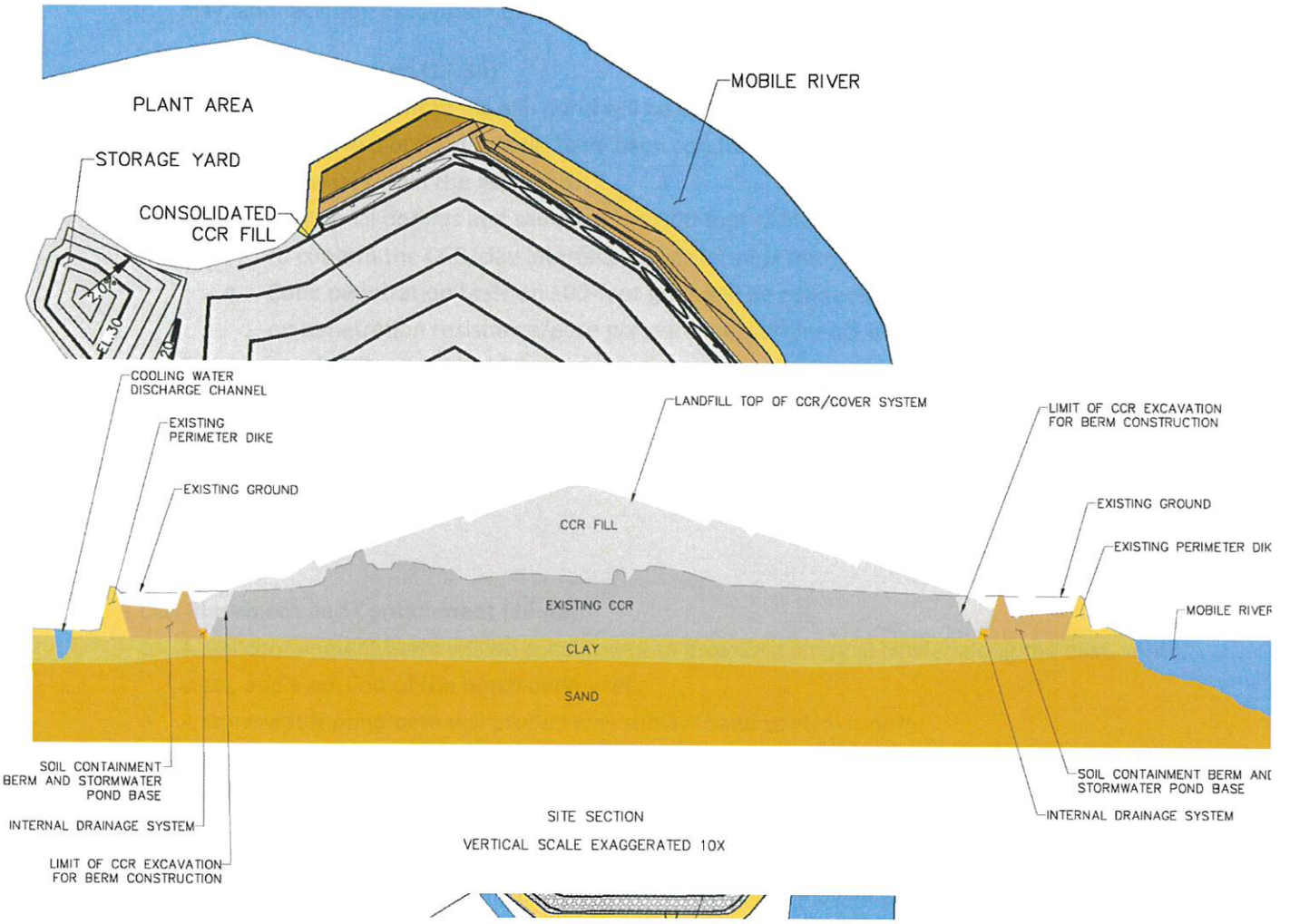


Figure 3. Side cutaway view of the closed and capped ash pond facility at the Alabama Power Company's Barry Steam Plant located along a bend of the Mobile River in Bucks, AL.

Figure 2. Top down view of the closed and capped ash pond facility at the Alabama Power Company's Barry Steam Plant located along a bend of the Mobile River in Bucks, AL.

CCR Excavation (14:03)

- Final grades of 3.5%, synthetic turf overlay, riprap lined channels, and flow dissipation structures will provide erosion control.
- The current stormwater settling basin on the south end of the site will be maintained.

A question was asked in regards to why stormwater treatment was only provided for events up to the 25-year event when larger storms occur with regularity in coastal Alabama. In smaller events, the concentration of pollutants is much greater and the effluent often times exceeds allowable limits so treatment is required before discharge. Events in excess of the 25-year storm generally result in diluted concentrations of these constituents falling within allowable limits established by regulatory agencies (ADEM).

The next portion of the presentation focused on criteria evaluated under the structural integrity review of the closure plan: **slope stability**; **settlement**; **slope protection**; and **stormwater management (27:18)**.

Hazard Potential Classification and Emergency Action Plan (27:40)

- The ash pond has been classified as a significant hazard, which establishes the inflow design requirement that must be maintained throughout the closure process (design to withstand 1,000-year event).
- The EAP must be maintained until a reduction in hazard potential is achieved.
- The stormwater basin will continue to serve as an outfall through and after closure, although little water will be retained except during storm events.

The **slope stability review (31:00)** evaluated components of the closed CCR facility including the perimeter dikes, consolidated CCR area, soil containment berm, final cover overlay, interim condition of the facility during the closure process, and the stormwater basin at the south end of the facility.

Slope Stability Findings (33:00)

- Stability analyses indicate acceptable structural integrity and performance, with a focus on critical areas along the east, south, and west perimeters of the dike. Engineering analysis did not include the storage yard in the northwest corner of the facility.
- Successful dewatering and stabilization of the ash pond depends on pumping and removal of surface and interstitial water from the CCR. Dewatering promotes consolidation and stabilization of the ash material and allows for excavation.

Slope Stability Recommendations

- The saturation of CCR and slope stability of the storage yard area in the northwest corner should be assessed as CCR is closed in place without the soil containment berm and internal drainage system within this area of the facility.
- Geotechnical exploration, instrumentation, and monitoring should be performed during the closure process to confirm the design basis for the closure plan.

Settlement Findings (37:15)

- Long term settlement is considered with regard to construction grades in order to maintain function of the cover system and stormwater control structures.
- Settlement analyses and mitigation measures are based on:
  - Design exploration and testing of CCR and foundation materials
  - Dewatering and stabilization measures
  - Preloading to initiate consolidation and settlement
  - Geotechnical exploration to confirm foundation characteristics

Stormwater Management & Flooding Protection Findings (38:20)

- Stormwater Management
  - Water in contact with ash is retained and treated up to the 25-year storm event.
  - For events in excess of the 25-year storm water is discharged through the NPDES outfall.
  - Overtopping protection of the perimeter dike is provided for greater than a 1,000-year storm event.
- River Flooding
  - Riverine flooding evaluations were performed and determined protection from overtopping of the perimeter dike is provided for greater than a 1,000-year flood.
- Coastal Storm Surge Flooding
  - Coastal storm surge evaluations were performed and determined protection from overtopping of the perimeter dike is provided for greater than a 1,000-year storm/flood event.

Slope Protection Findings (40:14)

- The cover system on the consolidated CCR area and soil containment berm includes components to reduce/eliminate potential erosion.
- Stormwater channels and ponds include riprap to provide erosion protection.
- Existing vegetation will be maintained on the exterior of the perimeter dike for erosion control.

Slope Protection Recommendation

- The potential for erosion of the exterior of the perimeter dikes due to extreme Mobile River flooding should be evaluated and additional slope protection should be considered if warranted.

A question was asked regarding the date of the mapping that was used to evaluate flood protection for the facility. Flood frequency analyses were performed to estimate flood levels at the Ash Pond location considering riverine floods and coastal storm surge based on the 2019 FEMA Letter of Map Revision Determination and 2019 FEMA Preliminary Flood Insurance Study maps.

Operation and Maintenance Plan Findings (43:12)

- Operations and Maintenance Plan includes: Construction Best Management Practices; Fugitive Dust Control Plan; Surface Water Management; Groundwater Monitoring Plan; Recordkeeping and Notification compliance procedures; and procedures for updating plans and assessments.
- The Closure Plan Recordkeeping and regulatory agencies (ADEM) require that changes, updates to structural assessments, and inspection reports be submitted and disclosed to the public.

Operation and Maintenance Plan Recommendation

- Disclosed project records should be monitored to provide an opportunity for public awareness of any significant closure plan changes and periodic updates of structural assessments during the closure process.

Inspections Findings (45:07)

- Weekly inspections are required to identify structural weaknesses and to ensure proper operation of all outlet structures.
- Annual inspections are required by a qualified Professional Engineer.
- Annual inspection reports should document the status of the closure progress, instrumentation information, and changes that may have affected the operation or stability including any appearances of an actual or potential structural weakness.

Inspections Recommendation

- Inspection reports should continue to be disclosed to the public and include information on geotechnical instrumentation, monitoring, and interpretation, along with inspection observations to confirm conclusions of the structural assessment.

Next, Bob summarized his findings of the structural integrity review to state that acceptable structural integrity and performance is demonstrated by APCO's proposed Plant Barry coal ash pond closure plan. Bob also recommended that supplemental analyses, exploration, instrumentation, and monitoring programs be conducted to confirm conditions during the closure process. These recommendations include:

Recommendations for Alabama Power (48:14)

- Analyze stability and establish structural performance the storage yard in the northwest corner.
- Supplement post-dewatering and preloading geotechnical exploration with CCR and shear strength characterization.
- Incorporate geotechnical instrumentation and monitoring program into the closure plan.
- Evaluate the potential for erosion of exterior perimeter dikes due to Mobile River flooding and implement additional slope protection if warranted.
- Pursue reevaluation of hazard potential classification upon completion of the closure plan to demonstrate risk reduction of the facility.
- Regarding the Emergency Action Plan, continue to perform annual review and updating EAP during closure, with scheduled meetings with emergency management agencies concerning scope and responsibilities of parties. Include documentation of meeting participation, topics reviewed, and training activities.

A question was asked about the shear strength related to the ash and whether the ash will consolidate and become compacted. With the removal of the ponded water and interstitial water is drained from the ash, the level of saturation within the ash will decline. This will ensure that the material is consolidating and material strength is improving. It is expected that the ash will consolidate with dewatering and increase in strength in a dewatered state.

A question was asked; as the ash consolidates will it be less susceptible to erosion in the event of a breach of the levee? By dewatering, the ash should consolidate and should not represent a flowable material.

Another question was asked related to the long-term environmental safety of the proposed closure plan and it relates to complete excavation and removal. Bob stated that this was hard to evaluate since complete excavation and removal was not an option that was included in the proposed closure plan. Bob stated that he didn't see one as being better or worse, rather there are conditions to be evaluated and satisfied for each. Christian reiterated that the scope of Bob's review included only the proposed closure plan and complete excavation and removal was not an option that was currently being considered. Bob stated that the challenges related to complete removal include having to deal with large quantities of material and the risks associated with moving it, including spills and airborne dust, which can be significant compared to consolidating and keeping it on site.

Recommendations for the Watershed Community (1:04)

- Monitor publically disclosed project records including closure plan updates, periodic structural assessments, and inspections during the closure process to check progress and confirm conditions.
- Review publically disclosed inspection reports for information related to geotechnical instrumentation, monitoring, and interpretation along with inspection observations to confirm structural assessment.
- Ensure that the Emergency Action Plan is updated as conditions change with closure implementation, and scheduled meetings with emergency management agencies are conducted with documentation on participants, topics reviewed, and training activities.

The meeting concluded at 3:30 P.M.

Project Implementation Committee Meeting – January 2021

Welcome!

Please put your name, organization, and email in the chat box to sign in.

Please note: This meeting is being recorded!

This presentation provides minutes of the January 28, 2021, Project Implementation Committee.

Attendees: Katie Baltzer, Cassie Bates, Don Blancher, Chris Blankenship, Herb Bullock, Wade Burcham, Mary Kate Brown, Ashley Campbell, Walter Earnest, Troy Ephriam, Kara Fox, Judy Haner, Patric Harper, Paige Felts, Casey Fulford, Carl Ferraro, Jennifer Greene, Meg Geocker, Leslie, Gahagan, Ashley Henderson, Rob Howell, Webb Jackson, Matt Jollit, Matthew Jones, Jeanette Kelson, Jeremiah Kolb, Cade Kistler, Nicole Love, Sarila Mickle, Eliska Morgan, Amy Newbold, Autumn Nitz, Don Mroczko, Rob Howell, Steve O'Hearn, Greg Pierce, Evan Reid, Ray Richardson, Justin Rigdon, Marcus Rubenstein, Mike Sharp, Lance Slater, Memphis Vaughan, Lee Walters, Chris Warn, Connie Whitaker, Amy Williams, Barja Wilson, Emma Witherington, Brad Young.

MBNEP Staff: Roberta Swann, Christian Miller, Jason Kudulis

Project Implementation Committee Agenda

Welcome and Call to Order:

Co-Chairs: Judy Haner, The Nature Conservancy, & Patric Harper, U.S. Fish and Wildlife Service

Old Business: Accept minutes from August 2020 meeting

New Business: *Watershed Planning and Project Implementation Update*

- ADCNR DWH Oil Spill
- MBNEP WMPs
- MAWSS
- Mobile County Shorelines
- MBNEP Restoration
- TNC Restoration
- City of Mobile
- Point Aux Pines/GOMESA
- NRCS
- Fly Creek
- Bon Secour
- Weeks Bay
- Gulf Frontal

The meeting was called to order at 1:02pm.

Old Business: Minutes were provided for review before the meeting. Carl Ferraro motioned to accept the August 2020 minutes. Eliska Morgan seconded.

New Business: See following project slides for *Watershed Planning and Project Implementation Update*.

- Project presenters were asked to share a map, an overview slide including project status, timeline, and any challenges, and a few pictures. Notes are included with project slides where applicable.

- Other PIC related business and discussion.
    - Judy commended the volume of complex and important projects that were shared by committee members. Although each project is unique, some share similarities and challenges that could benefit from additional PIC meetings, perhaps even topic-focused meetings to drill-down and exchange knowledge and lessons learned.
        - Commissioner Blankenship also shared how impressed he is with the work being done in coastal Alabama and expressed his gratitude to all involved.
        - Plan proposed is to continue with traditional quarterly meetings while adding off-cycle topics of interest and/or site visits with smaller groups to projects for experiential learning.

Eastern Shore Phase II MS4s Annual

3/10/2021 @9:00 a.m.

Baldwin County Central Annex-Robertsdale, AL

Meeting Minutes

1) ALDOT Update-Jason and Evan gave an update on ALDOT's program. They discussed the following items: Please add additional information.
    a. Education outreach & public participation
    b. Facility compliance
    c. State road maintenance
    d. Trash monuments
    e. ALDOT's litter removal, & Adopt-a-Mile Programs
    f. Hazmat cleanup program

2) Fairhope Update-Kim and Christina discussed the following items: Please add additional information.
    a. Fairhope's Stormwater Management Program Plan (SWMPP) update
    b. Alabama Water Watch water quality monitoring (Fly Creek Watershed, 3 locations)
    c. Fairhope High School's Marine Club community clean-up projects
    d. Fairhope's post construction requirements and education outreach flyer
    e. Even though Earth Day was cancelled Fairhope is having a paper shred / recycling event at the pier on April 17th 10-2 p.m. Baldwin County residents are welcomed.

3) Spanish Fort Update-Casey stated he was preparing to update Spanish Fort's SWMPP and include the City's new Clean Water Ordinance requirements. Please add additional information.

4) Daphne Update-Tim and Cody discussed Daphne's program. Please add additional information.

5) Baldwin County Update-Ashley discussed the following items:
    a. Household Hazardous Waste Amnesty Day-ESMS4 Participation-October 2021-Ashley informed the group that the amnesty day was for all Baldwin County residents including the ones that live within a municipal boundary. The ES MS4's can advertise the County amnesty days for their citizens. At this time, there will be no cost with the event. This year's amnesty day will be held in October and household hazardous waste can be dropped off at all four county locations. Ashley agreed to send additional information as soon as it is available.
        i. Magnolia Landfill-Summerdale
        ii. MacBride Landfill-Loxley
        iii. Bay Minette Transfer Station-Bay Minette
        iv. Eastfork Landfill-Elberta
    b. Baldwin County Environmental Advisory Board (EAB)-Revival,15 Members-Ashley mentioned that the County Commission will be reviving the EAB. The mission of the EAB is to provide policy advice on environmental matters to the Baldwin County Commission, provide public information about environmental matters by way of news articles, speeches and presentations, educational seminars, etc., and study such

environmental issues as may be suggested by the County Commission, Board members, County staff, and the public.

c. Baldwin County Strategic Plan Goal Water Quality Monitoring Program-Ashley mentioned that the County would be asking the EAB to assist in the development of a countywide water quality program. Ashley will be contacting each municipality regarding any existing water quality monitoring sites and data.

6) Discuss updates to the NPDES MS4 Phase II Permit
   a. 2021 Due Dates-Compliance Period Ends March 31st-Annual Report due on May 31st.
   b. Permit Renewal application due July 2nd.
   c. The updates to the permit were discussed. The most significant update was the new requirements for every other month inspections of all qualifying construction sites.

7) Coastal Alabama Stormwater Team (CAST)-Create a Clean Water Future (CWF) Education Outreach Campaign
   a. Website Update-Ashley mentioned that volunteers were needed to update the website.
   b. The group discussed the next potential CWF video that would address Minimum Control Measure 2, Illicit Discharge Detection and Elimination (IDDE) and MCM 5 Good housekeeping.
   c. Litter Discussion-The following programs were discussed:
      i. Roundup/Rodeo
      ii. MBNEP CWF-Trash Blows Campaign

8) The following Education Outreach Opportunities were discussed:
   a. Master Environmental Education (MEE)
   b. Alabama Water Watch
   c. MBNEP Meetings PIC, CAC, SAC
   d. Coastal Kids Quiz, Water Festival, Earth Day-Woods & Water-Jubilee Festival…Watershed Wagon
   e. Rain Garden Workshop
   f. Baldwin County Soil and Water Conservation District Training-Virtual Coastal Construction Stormwater Management Workshops

Attendees:

ALDOT- Jason Shaw & Evan Davis
Baldwin County-Ashley Campbell
Daphne-Cody Ledet & Tim White
Fairhope-Christina Lejeune & Kim Burmeister
Spanish Fort-Casey Rains

3/10/21 ES MS4 Meeting 9:00 am

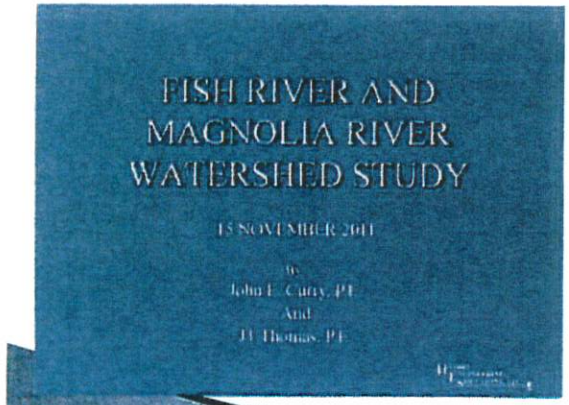
Name:	Signature:	Representing:
Ashley Campbell	Ashley Campbell	Baldwin County
Cody Ledet	S J Ledet	City of Daphne
Tim White	T White	City of Daphne
Christina LeJeune	Christina LeJeune	City of Fairhope
Kim Burmeister	Kim Burmeister	COF
Casey Rains		City of Spanish Fort
Jason Shaw	Jason Shaw	ALDOT
Evan Davis		ALDOT

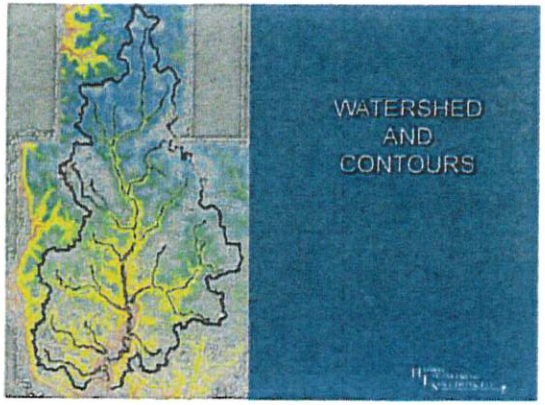
Local Partnerships

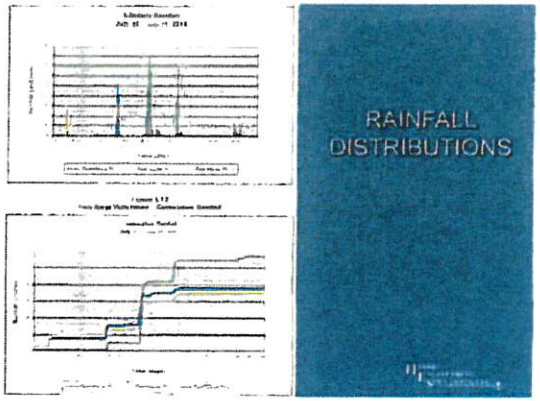
CITY OF FAIRHOPE ALABAMA

OPPORTUNITY FOR COMMUNITY
Daphne
ALABAMA
The Jubilee City

SEAL OF THE CITY OF SPANISH FORT, ALABAMA
FOUNDED 1993







DECEMBER 22, 2020 BY **ADMIN**

Public Notice – January 2021 Meetings

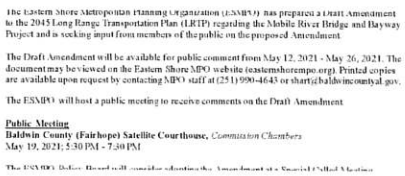
PUBLIC NOTICE

Eastern Shore Metropolitan Planning Organization

POLICY BOARD WORK SESSION AND REGULAR MEETING, TECHNICAL ADVISORY COMMITTEE (TAC) MEETING, CITIZENS ADVISORY COMMITTEE (CAC) MEETING, AND BICYCLE AND PEDESTRIAN ADVISORY COMMITTEE (BPAC) MEETING

The Eastern Shore Metropolitan Planning Organization (MPO) Policy Board will meet for a Work Session on Wednesday, January 13, 2021 at 10:00 AM at the Baldwin County Satellite Courthouse at 1100 Fairhope Avenue, Fairhope, AL 36532.

The Bicycle and Pedestrian Advisory Committee will meet on Tuesday, January 19, 2021 at 9:00 AM at the Baldwin County Satellite Courthouse at 1100 Fairhope Avenue, Fairhope, AL 36532.



The Eastern Shore Metropolitan Planning Organization (ESMPO) has prepared a Draft Amendment to the 2045 Long Range Transportation Plan (LRTP) regarding the Mobile River Bridge and Bayway Project and is seeking input from members of the public on the proposed Amendment.

The Draft Amendment will be available for public comment from May 12, 2021 - May 26, 2021. The document may be viewed on the Eastern Shore MPO website (easternshorempo.org). Printed copies are available upon request by contacting MPO staff at (251) 990-4643 or shartz@baldwincountyal.gov.

The ESMPO will host a public meeting to receive comments on the Draft Amendment.

Public Meeting
Baldwin County (Fairhope) Satellite Courthouse, *Commission Chambers*
May 19, 2021; 5:30 PM - 7:30 PM

May 3, 2021 By admin

PUBLIC NOTICE The Eastern Shore Metropolitan Planning Organization (ESMPO) has prepared a Draft Amendment to the 2045 Long Range Transportation Plan (LRTP) regarding the Mobile River Bridge and Bayway Project and is seeking input from members of the public on the proposed Amendment. The Draft Amendment will be available for public comment from May 12, [...]

Public Notice – April 2021 Meetings

March 31, 2021 By admin

PUBLIC NOTICE Eastern Shore Metropolitan Planning Organization POLICY BOARD WORK SESSION AND REGULAR MEETING, TECHNICAL ADVISORY COMMITTEE (TAC) MEETING, CITIZENS ADVISORY COMMITTEE (CAC) MEETING, AND BICYCLE AND PEDESTRIAN ADVISORY COMMITTEE (BPAC) MEETING The Eastern Shore Metropolitan Planning Organization (MPO) Policy Board will meet for a Work Session on Wednesday, April 14, 2021 at 10:00 AM [...]

Public Notice – January 2021 Meetings

December 22, 2020 By admin

PUBLIC NOTICE Eastern Shore Metropolitan Planning Organization POLICY BOARD WORK SESSION AND REGULAR MEETING, TECHNICAL ADVISORY COMMITTEE (TAC) MEETING, CITIZENS ADVISORY COMMITTEE (CAC)

MEETING, AND BICYCLE AND PEDESTRIAN ADVISORY COMMITTEE (BPAC) MEETING The Eastern Shore Metropolitan Planning Organization (MPO) Policy Board will meet for a Work Session on Wednesday, January 13, 2021 at 10:00 AM [...]

Public Notice – Request for Public Comments Regarding Draft 2045 LRTP

December 2, 2020 By admin
PUBLIC NOTICE Eastern Shore Metropolitan Planning Organization REQUEST FOR PUBLIC COMMENTS REGARDING DRAFT 2045 LONG RANGE TRANSPORTATION PLAN (LRTP) The Eastern Shore Metropolitan Planning Organization (ESMPO) has prepared the Draft 2045 LRTP for review by the MPO Policy Board and Advisory Committees in January 2021. The Draft 2045 LRTP will be available for review at [...]

Public Notice – November 2020 Special Called Work Sessions

November 9, 2020 By admin
PUBLIC NOTICE Eastern Shore Metropolitan Planning Organization TECHNICAL ADVISORY COMMITTEE (TAC) SPECIAL CALLED WORK SESSION AND POLICY BOARD SPECIAL CALLED WORK SESSION The Eastern Shore Metropolitan Planning Organization (MPO) Technical Advisory Committee (TAC) will meet for a Special Called Work Session on Wednesday, November 4, 2020 at 10:00 AM at the Baldwin County Satellite Courthouse [...]

Public Notice – Meeting Cancellation

September 23, 2020 By admin

PUBLIC NOTICE MEETING CANCELLATION Eastern Shore Metropolitan Planning Organization TECHNICAL ADVISORY COMMITTEE SPECIAL CALLED WORK SESSION AND POLICY BOARD SPECIAL CALLED WORK SESSION Due to Hurricane Sally, the following Eastern Shore Metropolitan Planning Organization (MPO) Special Called Work Sessions have been cancelled and will be rescheduled at a later date: • Technical Advisory Committee Special [...]

Public Notice – Reschedule of Special Called Technical Advisory Committee (TAC) Work Session

September 14, 2020 By admin

PUBLIC NOTICE MEETING RESCHEDULED Eastern Shore Metropolitan Planning Organization TECHNICAL ADVISORY COMMITTEE SPECIAL CALLED WORK SESSION Due to the impending inclement weather, the Eastern Shore Metropolitan Planning Organization (MPO) Technical Advisory Committee (TAC) Special Called Work Session scheduled for Wednesday, September 16, 2020 at 10:00 AM in the Commission Conference Room at the Baldwin County [...]

Public Notice – Reschedule of Special Called Technical Advisory Committee (TAC) Work Session

September 8, 2020 By admin

PUBLIC NOTICE MEETING RESCHEDULED Eastern Shore Metropolitan Planning Organization TECHNICAL ADVISORY COMMITTEE SPECIAL CALLED WORK SESSION The Eastern Shore Metropolitan Planning

Organization (MPO) Technical Advisory Committee (TAC) Special Called Work Session scheduled for Wednesday, September 9, 2020 at 10:00 AM in the Commission Conference Room at the Baldwin County Satellite Courthouse at 1100 Fairhope Avenue, [...]

CONTACT US:

Address:
Baldwin County Satellite Courthouse
1100 Fairhope Ave
Fairhope, Al 36532

Phone:
(251) 990-4640

Email:
coordinator@easternshore mpo.org

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Alabama Coastal Foundation

Improving and protecting Alabama's coastal environment

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Our Mission is to improve and protect Alabama's coastal environment through cooperation, education, and participation.

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What's New

Coastal IQ Program

Turtle Book Fundraiser

Oyster Shell Recycling

Utilities United

Share the Beach Flashlights

Osprey Nest Live Video

License Plate Application

Livable Communities Coalition

The Coastal Alabama Livable Communities Coalition promotes bicycle safety to the public and law enforcement. If you are interested in joining the Coalition, please click here.

Calendar of Events

May 1: *Osprey Outlook* monthly newsletter released and sea turtle nesting season begins!

May 13: Winners announced for the final round of Coastal Kids Quiz!

May 26: *Connect to Your Coast Mobile* free outreach event at Serda Brewing.

May 28: Free Flashlight Friday Membership Incentives: ($40) Individual and ($100) Family.

June 17: *Connect to Your Coast Huntsville* free outreach event at Yellowhammer Brewing.

July 29: South Alabama Nonprofit Summit.

Since 1993, the Alabama Coastal Foundation (ACF) has worked to promote a culture where environmental decisions are based on an accurate understanding of the underlying science, the dissemination of factual information, and the engagement of government, industry and citizens to find solutions to Alabama's coastal environmental

ACF makes it easy for you to connect to your coast! Keep up to date on events and opportunities to improve and protect Alabama's precious coastal environment.

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All ACF programs exist through the generous support of our members and donors. If you have questions, comments, or concerns about our organization, please let us know!

Telephone: 251-990-6002
Email: info@joinACF.org

challenges. We bring that vision into reality through our *inclusive environmental stewardship* approach.

Partnerships

We are dedicated to partnering with businesses, governments, and other non-profits to maximize our results. Here are just a few of our partners:

Non-Profit Groups and Governmental Agencies

- AARP of Alabama
- Alabama Coastal Heritage Trust
- Alabama Cooperative Extension Service
- Alabama Department of Conservation & Natural Resources
- Alabama Department of Enviro. Management
- Alabama Marine Mammal Sighting Network
- Alabama River Alliance & Partner Organizations including Cahaba Riverkeeper, Coosa Riverkeeper, Black Warrior Riverkeeper, & Friends of Locust Fork River.
- Alabama Water Watch
- AmeriCorps VISTA
- Back Country Trial
- Baldwin County Trailblazers
- Boat People SOS
- Boy Scouts of America
- City Governments: Bayou La Batre, Daphne, Dauphin Island, Fairhope, Foley, Gulf Shores, Magnolia Springs, Mobile, Orange Beach, Prichard, & Spanish Fort
- Coastal Alabama Partnership
- Coastal Conservation Association of Alabama
- Coastal Land Trust
- Conservation Alabama
- County Governments: Mobile and Baldwin
- Delta Bike Project

Business, Industry, and Higher Education

- A & M Peanut Shop
- Accents For Windows
- Adams IP
- Aerostar
- Alabama Gulf Seafood
- Allen, Allen & Foster
- American Sign & Advertising Company
- Bay Gourmet Catering Company
- Bay Radiology
- Bender Realty
- Bluegill Restaurant
- Bon Secour Fisheries
- Burns, Cunningham & Mackey
- Cabo Coastal Cantina
- Catherine Hall Designs
- Cooper Restaurants/Felix's Fish Camp
- Crowder Gulf
- Easter Shore Cycle
- EcoSolutions
- Ed's Seafood Shed
- Daphne Family Practice
- Georgia Roussos Catering
- Goodwyn Mills Cawood
- Gulf Adventure Center
- Gulf Chrysler
- Gwin's Printing
- Hand Arendall
- Hargrove Engineers
- Higher Ed: Auburn University; Columbia Southern University; Spring Hill College; University of Birmingham in Alabama; University of Alabama; & University of South Alabama

- Dauphin Island Sea Lab
- Dog River Clearwater Revival
- Downtown Mobile Alliance
- Environmental Education Association of Alabama
- Environmental Law Institute
- Friends of Bon Secour National Wildlife Refuge
- Friends of the Mobile Tensaw Delta
- Girl Scouts of the USA
- Islands of Perdido Foundation
- Keep Mobile Beautiful
- League of Women's Voters
- Legacy, Partners for Environmental Education
- Mississippi-Alabama Sea Grant Consortium
- Mobilians on Bikes
- Mobile Bay Audubon Society
- Mobile Bay National Estuary Program
- Mobile Bay Sierra Club
- Mobile Baykeeper
- Mobile Botanical Gardens
- Mobile Co. Wildlife & Conservation Association
- National Fish and Wildlife Foundation
- Ocean Conservancy
- Ocean Foundation
- Partners for Environmental Progress
- Project CATE Foundation
- Team Share the Road
- The Good Life Foundation
- The Nature Conservancy
- U.S. Fish and Wildlife Service
- U.S. Green Building Council
- Weeks Bay Foundation
- Weeks Bay Research Reserve
- Wolf Bay Watershed Watch
- Youth Leadership Mobile
- Holcim, Inc.
- Laps on the Causeway
- Logical Computer Solutions
- Louis Berger Group
- Maynard Cooper and Gale
- McCarron Insurance
- Naman's Catering
- Panini Pete's
- Pro Cycle and Triathlon
- Regions Bank
- Schlinkert Sports Associates
- Sun Plans
- Thames Batre
- The Hampton Inn- Fairhope
- The Hangout
- The Lighthouse Restaurant
- Thompson Engineering
- Tonsmeire Properties
- Utilities: Alabama Power Company; Baldwin County Sewer; Daphne Utilities; Mobile Alabama Water and Sewage Systems; Mobile Gas; & Riviera Utilities
- Watershed
- White-Spunner Construction
- World Omni Financial Corporation

Since 1993, the Alabama Coastal Foundation (ACF) has worked to promote a culture where environmental decisions are based on an accurate understanding of the underlying science, the dissemination of factual information, and the engagement of government, industry and citizens to find solutions to Alabama's coastal environmental challenges. We bring that vision into reality through our *inclusive environmental stewardship* approach.

ACF makes it easy for you to connect to your coast! Keep up to date on events and opportunities to improve and protect Alabama's precious coastal environment.

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WOLF BAY WATERSHED 2021 ANNUAL MEETING

February 6, 2021 10:00 AM
Graham Creek Interpretive Center

Welcome
2020 Meeting Minutes
Financial Report
Stan Mahoney Fishing Tournament

Wolf Bay Watershed Plan
(Paige Felts)
Gulf Coast Center Ecotourism Programs
(Jacqueline McGonigal)
Water Quality Monitoring
(Leslie Gahagan)
Agricultural Education Area
(Angie Eckman)

2021 Board Nominations
3 Vacancies
Re-Election—Joanne Cox, Phillip Hinelsey, Rick Odess, James Wallace
Questions & Comments

Wolf Bay Watershed Watch Board of Directors Meeting

March 16, 2021

Attendees: Leslie Gahagan, Jacqueline McGonigal, Angie Eckman, Weesie Jeffords, Brett Gaar, Adam Crandall, Robert Davis, Phillip Hinesley, Sylvia Womack, Joanne Cox

I. Leslie welcomed new board members Weesie Jeffords and Angie Eckman.

II. Minutes for January 2021: Robert motioned to approve, Phillip seconded, motion passed.

III. Financial Report: Rick sent in the numbers.

Bank Account	$ 20,306
Investments	$ 88,503
Total	$108,809

Sylvia reported a $120 deposit, $13 to the credit card, and $ 43.77 for Annual meeting costs.

IV. Committee Reports

a. Education Jo, Jacquie and Leslie are reviewing applicants for our scholarships based on criteria such as GPA, ACT scores, extracurricular activities, and field of study. It is unclear if there will be interviews due to Covid-19 restrictions. Tracking down former scholarship recipients for the Undergraduate award is also a difficult process as students do not tend to stay in contact. Katy Hines, however, will return as our Project Manager for the Wolf Creek Project and Nick Williams will return this summer as a full- time employee at the Nature Preserve. Angie noted that all the Summer Camps offered at the Center are now full, and the Greenhouse project is fully funded.

b. Membership The Ralph Hellmich family members are now lifetime members.

IV. Committee Reports

c. Water Quality The Alabama Water Watch has been holding meetings and training sessions via remote communications due to the Covid-19 pandemic. Jacquie would like to move forward with the water monitoring training in our area. Leslie listed our sampling sites for 2 Watersheds.

Wolf Bay Watershed:

Graham Creek Nature Preserve
Owens Creek at CO Rd 12
Wolf Creek at Poplar St
Wolf Creek at Doc McDuffie Rd.
Wolf Creek Park Dock
Wolf Creek at Cummings Dock
Sandy Creek at Fernwood Drive
Sandy Creek at CO Rd 20
Miflin Creek at Highway 98
Miflin Creek at CO Rd 20
Hammock Creek at County Rd 20
Hammock Creek at Fish Trap

Bon Secour River Watershed:

County Rd 12 East of 59
Highway 59 South of CO Rd 12
County Rd 12 at Bon Secour River
County Rd 65 at Turkey Branch

V. Old Business

a. Annual Meeting Over all good review.

b. Fishing Tournament Date will be October 2, or 9. We will now pursue the Pirates Cove location in Josephine and Leslie will set up meetings with authorizing parties.

c. Paddle the Gulf - Phillip distributed fliers for hosting an event and promoting the Center.

VI. New Business

a. Officer Elections: Robert moved to retain the expiring term officers, seconded by Phillip with all in favor. President- Leslie Gahagan, Vice President- Brett Gaar, Secretary- Joanne Cox, Comptroller- Rick Odess, Disbursing Officer- Sylvia Womack

b. Citizen Complaints: Leslie made us aware of several complaint calls from residents in the area to the Nature Center regarding water quality issues caused by development. These are county issues, and will be referred.

VI. New Business

c. Other Discussions

i. Leslie announced a reinstatement of the Baldwin County Environmental Advisory Board with 4 representatives from Wolf Bay: Brett, Robert, Leslie, and Phillip.

ii. Baldwin County is paving dirt roads that access busy trafficked areas. Weesie said the Alabama PALS Board is promoting their Adopt a Mile Program, and in April will run their "Spring Cleanup". Leslie is researching for 10 new signs to mark the Wolf Bay Watershed.

VII. Adjournment Robert moved to adjourn.

Wolf Bay Watershed Watch Board of Directors Meeting
January 19, 2021

Attendees: James Wallace, Brett Gaar, Rick Odess, Leslie Gahagan, Sylvia Womack, Ann Crawford, Jo Helmich, Weesie Jeffords, Phillip Hinesley, Jacqueline McGonigal, Joanne Cox

I. Minutes Rick moved to accept the minutes from November 2020, seconded by Sylvia.

II. Financial Report Rick reported

Bank Account	$20,603
Investment Account	$87,764
Total	$108,367

Sylvia reported no disbursements and explained a stop payment deposit issue.

III. Committee Reports

a. Education Jo has heard nothing from the Scholarship Foundation regarding 2021. Sylvia asked for an update on our prior scholarship winners.

b. Water Quality Jacquie announced a meeting for Water Monitor Training to take place online February 12, with a workshop focusing on how to analyze data. Leslie displayed a graph depicting 20 years of data collected at the intersection of Wolf Bay and Wolf Creek. We now have monitoring at Soldier Creek, Stone Quarry, Sandy Creek bridge, Graham Creek boat launch, and Wolf Creek. There will be a list of identified sites available for prospective monitoring.

Leslie received a complaint regarding a raw sewage leak at the former Wolf Bay Lodge site where recent utility work had been done. This had not yet been reported to ADEM, however Leslie is following up on it.

Sandy Creek has been incising for a long time, with log jams, downed trees, and a white fungus south of CR 98. This is a project area to look at for restoration in the future. Brett added that ALDOT needs to be informed.

c. Membership There will be a set up for signing on at the Annual Meeting February 6.

IV. Old Business

a. Annual Meeting Scheduled for February 6, 2021 at 10 A.M.

i. Speakers Paige Felts, Project Manager at Volkert Engineering, will be giving us the highlights and status of the Management Plan.

Tony Sharkley will discuss the new Wolf Creek Wastewater Treatment Facility.

Jacquie will be reporting on local projects, Leslie will discuss watershed sampling, and Brett and Robert will address the issues affecting our Fishing Tournament.

Leslie will be inviting Baldwin County Commissioners and State Representative Steve McMillan. She will also send out a newsletter to the membership.

ii. Board Terms Nominations and election of Board Members

New member Weesie Jeffords introduced herself to the group as a bioengineer who works for the county. She reviews storm water reports, is aware of what can and can not be done, and has experience working with ALDOT. With her background, she would be an asset as a Board Member.

V. New Business

a. Board Vacancies We have three vacancies.

Leslie suggested that Graham Creek Park Preserve staff members Nick Williams and Angie Eckman be considered for Watershed Board membership based on their service and experience.

VII. Adjournment Jacquie moved to adjourn the meeting, seconded by Ann.

Wolf Bay Watershed Watch Board of Directors Meeting

April 20, 2021

Attendees James Wallace, Robert Davis, Angie Eckman, Ann Crawford, Phillip Hinesley, Brett Gaar, Weesie Jeffords, Jo Hellmich, Rick Odess, Sylvia Womack, Joanne Cox

I. Minutes Rick moved to accept the March minutes, seconded by Robert and all were in favor.

II. Financial Report Rick reported $90.072 in investments, bank account is $20,500.

III. Committee Reports

a. Education- Scholarships Jo stated that the two young men chosen to receive scholarships this year are exceptional students. Jeremiah Battaglia seeks a Civil Engineering Degree while Jordan Booth will study Marine Biology. Rick made a motion to offer $6000 total to be split between them. Ann seconded the motion and the vote was unanimously in favor. Scholarships will be awarded on May 12 and 13.

b. Water Quality Training for water monitors is on hold. Our chemical supplier is unreliable.

c. Membership Weesie, Ann, Angie and Sylvia will organize a Membership Committee to find more effective methods for reaching the public. Weesie recommends using Youtube, Facebook, Festivals and Farmer's Markets to increase awareness and enlist young folks. Sylvia suggested using our emblem T shirts to advertise and Angie will get sizes needed. The quarterly newsletter can be circulated at schools and 4 H meetings. Ann says the Website needs updating and she is unable to get into the program. Weesie spoke about " Network for Good", a fundraiser for non-profit organizations. She and Leslie together raised $295 on a Facebook "Fund Me" type program for the WBWW.

IV. Old Business Fishing Tournament Dates considered are the 2nd and 3rd Saturday of October. Rick, Robert, and Brett are coordinating and must decide on location by May. Barber Marina is the primary target, Pirates Cove is the backup. Robert says to move forward as if all sponsorships are a "go". There will be no boat raffle this year.

V. Closing Sylvia motioned to adjourn, Weesie seconded, and the motion carried.

Educational Outreach - Fort Morgan

Terri L. Graham

From: Clayton Blackwell <clayton@hsdesignhouse.com>
Sent: Friday, June 19, 2020 8:41 AM
To: Joseph Emerson
Cc: Mark Berte; Terri L. Graham; Sara Johnson; Michael Ludvigsen; deboharbin@yahoo.com; Allison M. Owens
Subject: Re: Fort Morgan Signs Delivered!

This message has originated from an **External Source**. Please use proper judgment and caution when opening attachments, clicking links, or responding to this email.

Good morning all, here are the updated #s for the social media campaign for the month of June and also for the life of the campaign. I highlighted the reach and impressions, because while the clicks to the website are great (and important), the reach is how many people have seen the ad, and the impressions are the number of times the ad was shown to the audience. The **frequency** (average # of times the ad was shown to each person) for June is about 2.5 which is a good # considering we want people to see the message a few times while they are here.

June (1 - 19):

Clicks to Website: 572

Reach: 21,934

Impressions: 54,790

Amount Spent: $521

Cost Per Click: $0.91

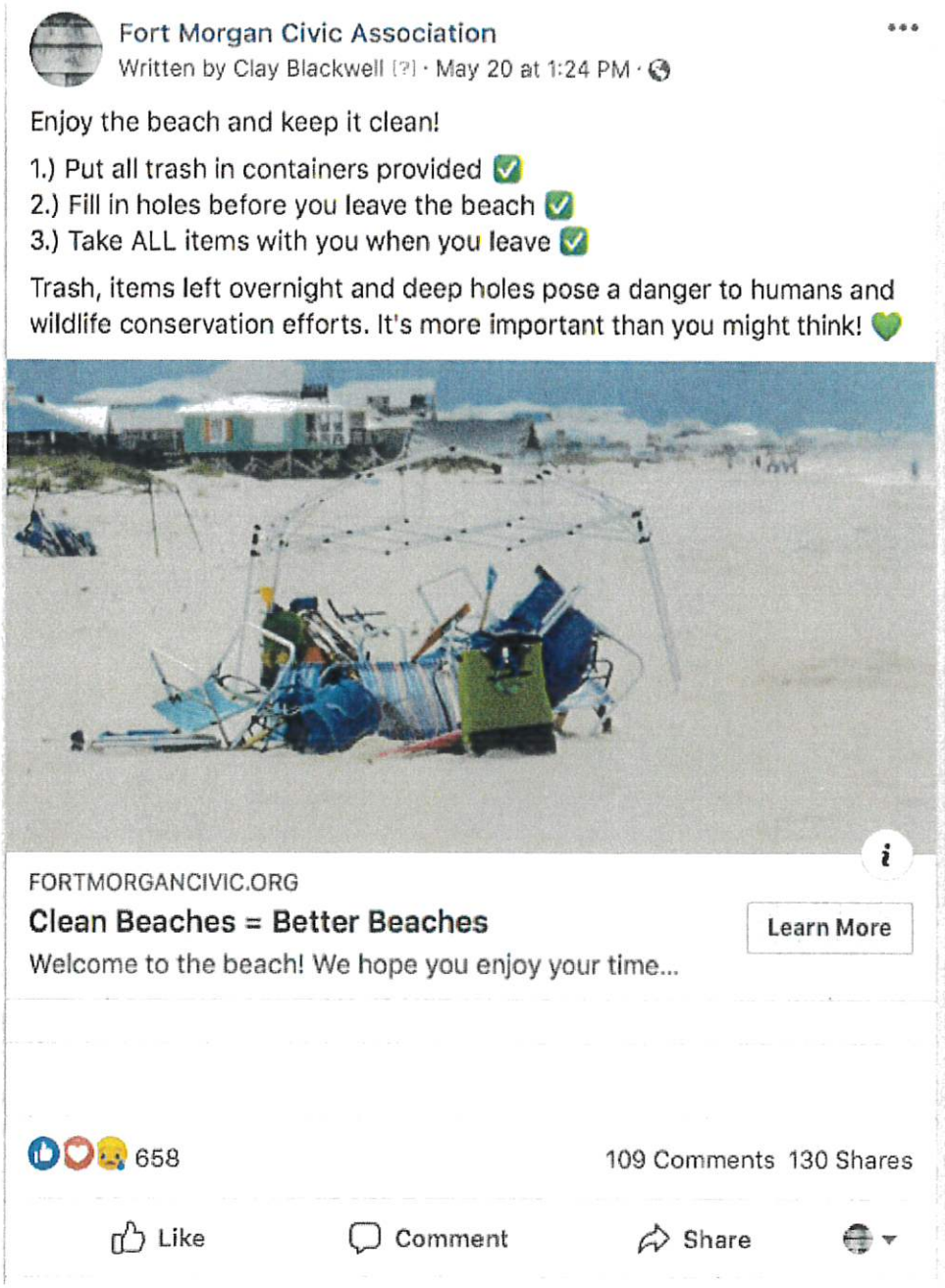
Life of Campaign:

Clicks to Website: 1,167

Reach: 30,830

Impressions: 89,505

Avg CPC: $0.74



Clayton Blackwell
High Seas Design House
Office: (251) 517-0330
Cell: (251) 923-9206
HSDesignHouse.com

On Jun 19, 2020, at 8:16 AM, Joseph Emerson <captjoesells@gmail.com> wrote:

Terri L. Graham

From: Mark Berte <mberte@joinacf.org>
Sent: Thursday, June 18, 2020 7:47 PM
To: Joseph Emerson; Terri L. Graham; Clayton Blackwell; Sara Johnson; Michael Ludvigsen; deboharbin@yahoo.com; Allison M. Owens
Subject: Fort Morgan Signs Delivered!
Attachments: Surfside Carts 06172020.jpg; Our Road Carts.jpg; Surfside Signage 06172020.jpg; Fire Station 2 Signage.jpg

This message has originated from an **External Source**. Please use proper judgment and caution when opening attachments, clicking links, or responding to this email.

Good evening everyone,

I was in Fort Morgan yesterday and was able to install the signage at our two pilot projects in Surfside Shores and Our Road!

I am attaching some photos of those and, when I was there, I also put a sign at Fire station #2 by the recycling area after I got approval from Michael.

Both Roger and Anne were very appreciative of the carts and asked for continued help educating the public that they exist.

Clayton: Can you give any updates regarding social media outreach?

I know we said earlier that we should set up a project partner meeting by the end of the month to check in. Would next Thursday work for everyone? If so, we can use ACF's virtual meeting platform again so someone name the best time (or different day) to do that.

Best,
Mark

Mark Berte, Executive Director
Alabama Coastal Foundation
250 Conti Street, 2nd Floor
PO Box 1073
Mobile, AL 36633
(251) 990-6002 Office
(251) 402-3936 Cell
mberte@joinACF.org
https://www.joinACF.org

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www.ShareTheBeach.com

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Amber Ramsay

Sam St. John

January 24, 2020

Surfside Shores Homeowner's Association
965 West Beach Boulevard
Gulf Shores, AL 36542

Dear Surfside Shores HoA members,

The Alabama Coastal Foundation (ACF) is a non-partisan, non-profit organization that has been in operation for over 26 years. ACF's mission is to improve and protect Alabama's coastal environment through cooperation, education, and participation. Two years ago, ACF became the new home of Share the Beach, Alabama's sea turtle conservation program and we have enjoyed working with the residents of Fort Morgan on that effort!

For the past few months, we have been at the table meeting with representatives from the Fort Morgan Civic Association, local businesses, and Baldwin County's Solid Waste Department to discuss ways we can improve our local trash issues that are influenced greatly by the people to visit our beautiful coastline. We are focusing our attention on voluntary efforts and are setting up two pilot projects this spring with the hope of modifying and expanding the geographic reach in 2021.

To that end, we are contacting you to invite the Surfside Shores Homeowner's Association to be a part of the pilot that would begin March 1st. If you would like to participate, you would need to commit to the following three items:

1. Organize volunteers to collect trash along the beach in front of your Association, put that trash in two yellow carts--which Baldwin County will provide--that will be collected three times a week through Labor Day Weekend, and monitor those carts to make sure they do not overflow.
2. Educate homeowners, management companies, renters, any contractors, and the public in a positive way that you are participating in this effort.
3. Use social media to encourage people to keep the area clean.

I look forward to speaking with you about your potential participation in this exciting effort to make the Alabama coastline a better place both for our people and sea turtles! If you have any questions, please do not hesitate to let me know.

Sincerely,

Mark Berte

Mark Berte, Executive Director
Alabama Coastal Foundation
mberte@joinACF.org

February 14, 2020

Erik Alford
C/O Ecological Solutions
603 Colonial Park Dr STE 200
Roswell, GA 30075-3761

Dear Eric,

The Alabama Coastal Foundation (ACF) is a non-partisan, non-profit organization that has been in operation for over 26 years. ACF's mission is to improve and protect Alabama's coastal environment through cooperation, education, and participation. Two years ago, ACF became the new home of Share the Beach, Alabama's sea turtle conservation program and we have enjoyed working with the residents of Fort Morgan on that effort!

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To that end, we are contacting every property owner on Our Road to invite you to be a part of the pilot that would begin in March. If you would like to participate, you would need to commit to the following three items:

1. Work with your fellow property owners to ensure that trash is collected along the beach in front of Our Road, put that trash in two yellow carts--which Baldwin County will provide--that will be collected three times a week through Labor Day Weekend, and monitor those carts to make sure they do not overflow.
2. Educate your management companies, renters, any contractors, and the public in a positive way that you are participating in this effort.
3. Use social media to encourage people to keep the area clean.

I look forward to speaking with you about your potential participation in this exciting effort to make the Alabama coastline a better place both for our people and sea turtles! If you have any questions, please do not hesitate to let me know.

Sincerely,

Mark Berte

Mark Berte, Executive Director
Alabama Coastal Foundation
mberte@joinACF.org
(251) 990-6002

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Amber Ramsay

Sam St. John

February 14, 2020

Michael & Linda Kehart
93 Allen Bend Dr
Decatur, IL 62521

Dear Michael & Linda,

The Alabama Coastal Foundation (ACF) is a non-partisan, non-profit organization that has been in operation for over 26 years. ACF's mission is to improve and protect Alabama's coastal environment through cooperation, education, and participation. Two years ago, ACF became the new home of Share the Beach, Alabama's sea turtle conservation program and we have enjoyed working with the residents of Fort Morgan on that effort!

For the past few months, we have been at the table meeting with representatives from the Fort Morgan Civic Association, local businesses, and Baldwin County's Solid Waste Department to discuss ways we can improve our local trash issues that are influenced greatly by the people to visit our beautiful coastline. We are focusing our attention on voluntary efforts and are setting up two pilot projects this spring with the hope of modifying and expanding the geographic reach in 2021.

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2. Educate your management companies, renters, any contractors, and the public in a positive way that you are participating in this effort.
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I look forward to speaking with you about your potential participation in this exciting effort to make the Alabama coastline a better place both for our people and sea turtles! If you have any questions, please do not hesitate to let me know.

Sincerely,

Mark Berte

Mark Berte, Executive Director
Alabama Coastal Foundation
mberte@joinACF.org
(251) 990-6002

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Katie McCarter

Amber Ramsay

Sam St. John

February 14, 2020

William & Mary Ellen Capps
1449 Pavillion Dr
Birmingham, AL 35226

Dear William & Mary Ellen,

The Alabama Coastal Foundation (ACF) is a non-partisan, non-profit organization that has been in operation for over 26 years. ACF's mission is to improve and protect Alabama's coastal environment through cooperation, education, and participation. Two years ago, ACF became the new home of Share the Beach, Alabama's sea turtle conservation program and we have enjoyed working with the residents of Fort Morgan on that effort!

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1. Work with your fellow property owners to ensure that trash is collected along the beach in front of Our Road, put that trash in two yellow carts--which Baldwin County will provide--that will be collected three times a week through Labor Day Weekend, and monitor those carts to make sure they do not overflow.
2. Educate your management companies, renters, any contractors, and the public in a positive way that you are participating in this effort.
3. Use social media to encourage people to keep the area clean.

I look forward to speaking with you about your potential participation in this exciting effort to make the Alabama coastline a better place both for our people and sea turtles! If you have any questions, please do not hesitate to let me know.

Sincerely,

Mark Berte

Mark Berte, Executive Director
Alabama Coastal Foundation
mberte@joinACF.org
(251) 990-6002

BOARD OF DIRECTORS

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February 14, 2020

Gail Ellerbrake & Anne Briggs
555 Our Road
Gulf Shores, AL 36542

Dear Gail & Anne,

The Alabama Coastal Foundation (ACF) is a non-partisan, non-profit organization that has been in operation for over 26 years. ACF's mission is to improve and protect Alabama's coastal environment through cooperation, education, and participation. Two years ago, ACF became the new home of Share the Beach, Alabama's sea turtle conservation program and we have enjoyed working with the residents of Fort Morgan on that effort!

For the past few months, we have been at the table meeting with representatives from the Fort Morgan Civic Association, local businesses, and Baldwin County's Solid Waste Department to discuss ways we can improve our local trash issues that are influenced greatly by the people to visit our beautiful coastline. We are focusing our attention on voluntary efforts and are setting up two pilot projects this spring with the hope of modifying and expanding the geographic reach in 2021.

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Sincerely,

Mark Berte

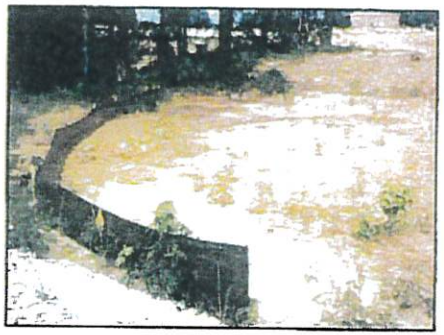
Mark Berte, Executive Director
Alabama Coastal Foundation
mberte@joinACF.org
(251) 990-6002

- **Materials Management:** Protect stockpiles of soil and paving materials from wind and water erosion. Have a spill prevention and control plan for hazardous materials such as fuel, paints, and solvents.

- **Seeding and Sodding:** Establish vegetative cover on disturbed areas to reduce erosion and provide soil stabilization.

- **Dust Control:** Control wind-borne particles during construction to minimize onsite and offsite damages and hazards.

- **Sediment Perimeter Protection:** Install silt fencing, straw rolls or a gravel bag barrier to prevent sediment discharges.



ADDITIONAL RESOURCES:

- Baldwin County's Planning and Zoning Department Natural Resource Division:
  http://www.planning.co.baldwin.al.us

- The Alabama Department of Environmental Management (ADEM) offers information at its website.
  http://www.adem.state.al.us

- The Alabama Soil and Water Conservation Committee published the Alabama Handbook for Erosion Control, Sediment Control, and Stormwater Management on Construction Sites and Urban Areas. It is available at:
  http://swcc.state.al.us/erosion_handbook.htm

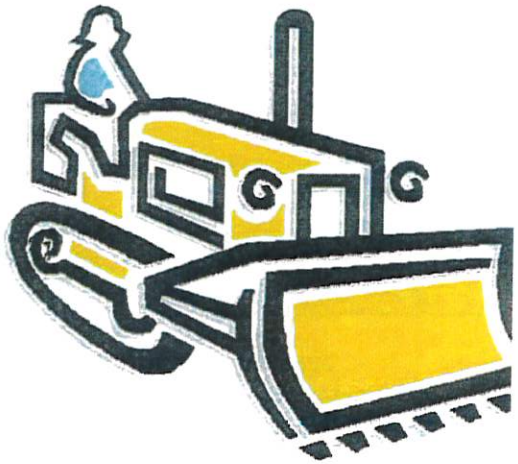
- The Environmental Protection Agency's (EPA) website on the National Pollutant Discharge Elimination System (NPDES) provides information on erosion and sediment control during construction.
  http://cfpub.epa.gov/npdes

- International Stormwater Best Management Practices (BMP) Database:
  http://www.bmpdatabase.org

BALDWIN COUNTY COMMISSION
PLANNING AND ZONING DEPARTMENT

www.planning.co.baldwin.al.us
Main Office
312 Courthouse Square, Suite 18
Bay Minette, AL 36507
Phone (251) 580-1655
Fax (251) 580-1656

STORMWATER BEST MANAGEMENT PRACTICES (BMPs)



A SUPPLEMENT FOR THE EROSION CONTROL ORDINANCE

BALDWIN COUNTY COMMISSIO
PLANNING AND ZONING DEPARTME

WETLAND FACTS

There are an estimated 300,000 acres of wetlands in Baldwin County. 260,000 acres are freshwater and 40,000 have saltwater influence.

In the southeast, 96% of the commercial catch and over 50% of the recreational seafood harvest are fish and shellfish that depend of the estuarine and coastal wetland system.

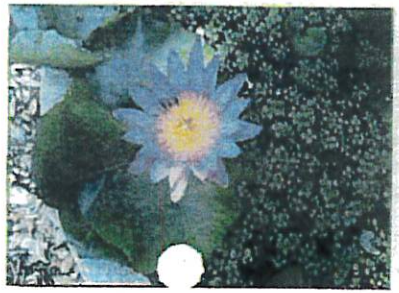
Wetlands provide habitats for many waterfowl game species and for endangered and threatened species, such as Alabama red-bellied turtles, wood storks, and bald eagles.

1 acre of wetlands can store 1,000,000 to 1,500,000 gallons of floodwater.

Nearly half of the wetlands in the U.S. are located in the southeast.

May is American Wetland Month.

February is World Wetlands Month.



WETLAND RESOURCES

The internet is an excellent source of wetland information. Many agencies, such as the U.S. Army Corps of Engineers, the Environmental Protection Agency, the United States Geological Survey, local experts, colleges and universities, and a numerous non-profit organizations have countless resources on wetlands. You may also want to contact these agencies directly for specific questions.

Environmental Protection Agency (EPA)
www.epa.gov/owow/wetlands

EPA Wetlands Hotline
(800) 832-7828

U.S. Army Corps of Engineers
www.usace.army.mil/cw/cecowo/reg/rw-bro.htm

U.S. Fish and Wildlife Service
www.fws.gov/nwi

U.S. Geological Survey National Wetlands Resource Center www.nwrc.usgs.gov

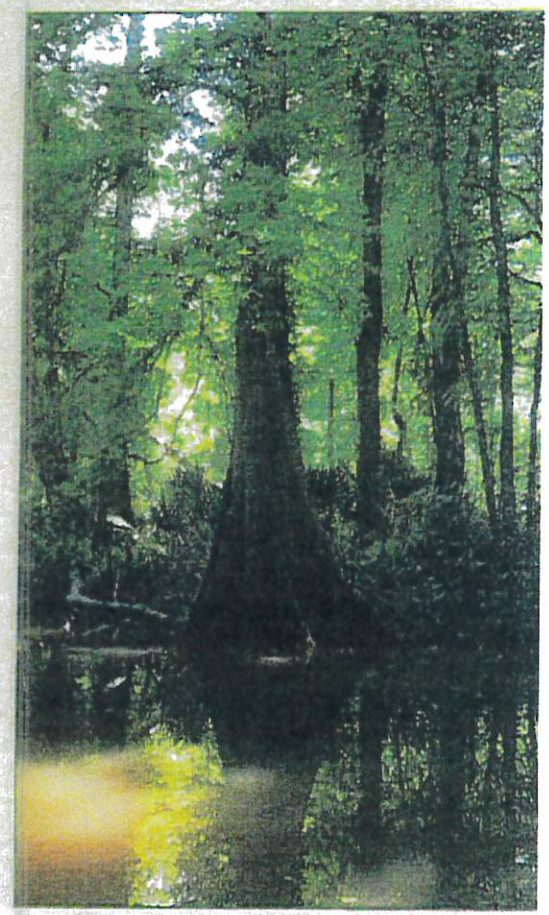
AL Department of Environmental Management
www.adem.state.al.us/FieldOps/Coastal/Coastal.htm

Baldwin County Zoning Ordinance -Article X Section 10.4-
www.planning.co.baldwin.al.us

Baldwin County Subdivision Regulations -Article 5 Section 2.2-
www.planning.co.baldwin.al.us

Baldwin County Planning and Zoning Department
Natural Resource Division
312 Courthouse Square, Suite 18
Bay Minette, AL 36507
Phone (251) 580-1655
Fax (251) 580-1656
www.planning.co.baldwin.al.us

WETLANDS



Frequently Asked Questions and Wetlan Resources

BALDWIN COUNTY COMMISSIO
PLANNING AND ZON DEPARTME

Community Rating System (CRS) Program

Baldwin County began its participation in the NFIP, Community Rating System Program in 1994. The CRS Program was developed by the Federal Insurance Administration to provide incentives for the NFIP communities to implement more stringent floodplain standards that the minimum NFIP requirements. The CRS rewards these efforts with discounts on flood insurance premiums.

Baldwin County has been successful in achieving the Class 6 rating, reducing flood insurance premiums by 20% resulting in a savings to the citizens of the unincorporated areas of Baldwin County. A 10% discount is provided for non-SFHAs. Instead of paying higher premiums, the money saved hopefully stays in the community.

As of 2011 Baldwin County had 9,783 flood insurance policies in force which estimates to $2,126,335,400 respectively. Since inception into the NFIP, there have been 6,985 losses paid totaling approximately $204,410,128.

For more information about flood insurance, property owners and potential buyers should contact their local insurance agent or call the toll-free information line for the National Flood Insurance Program at 1-800-427-4661.

Baldwin County Commission

Community Rating System (CRS) Program

Administered by the

Baldwin County Planning & Zoning Department
Foley Satellite Courthouse
201 East Section Street
Foley, Alabama 36535
Telephone: 251.972.8523
Fax: 251.972.8520
www.planning.co.baldwin.al.us

Direct Contact:
dhart@baldwincountyal.us

in conjunction with the

Baldwin County Highway Department
22070 Highway 59
Robertsdale AL 36567
Telephone: 251.937.0278

Emergency Management Agency
23100 McAuliffe Drive
Robertsdale AL 36567
Telephone: 251.972.6807

Building Inspection Department
201 East Section Street
Foley, Alabama 36535
Telephone: 251.972.6837

For Additional Information visit FEMA's website at:

http://www.fema.gov

Baldwin County Commission

Don't Delay Buy Now!

FLOOD INSURANCE FOR FINANCIAL PROTECTION

For Real Estate Agents, Mortgage Companies, Insurance Agencies, Potential Buyers, Sellers, Property Owners and the General Public

April 2015

Programa Sistema de Clasificación de la comunidad (CRS)

Condado de Baldwin comenzó su participación en el NFIP, Programa Sistema de Calificación de la Comunidad en 1994. El Programa de CRS fue desarrollado por la Administración Federal de Seguros Para ofrecer incentivos para las comunidades NFIP a aplicar las normas de inundación más estrictas que los requisitos mínimos del NFIP. El CRS premia a estos esfuerzos con descuentos en las Polizas de seguro contra inundaciones.

Condado de Baldwin ha tenido éxito en lograr la clasificación de Clase 6, reduciendo las Polizas de seguros de inundación en un 20%, resultando en un ahorro para los ciudadanos de las áreas no incorporadas del condado de Baldwin. Se ofrece un descuento del 10% para los no SFHA. En lugar de pagar Polizas más altas, el dinero ahorrado con suerte se queda en la comunidad.

A partir del 2011 el condado de Baldwin tenía 9.783 pólizas de seguro contra inundaciones en vigor que estima a 2126335400 EE.UU. dólares respectivamente. Desde su creación en el NFIP, se han producido 6.985 siniestros pagados por un total de aproximadamente $ 204.410.128.

Para obtener más información sobre el seguro contra inundaciones, los propietarios y los compradores potenciales deben contactar a su agente de seguros local o llame a la línea de información gratuita para el Programa Nacional de Seguros contra Inundaciones al 1-800-427-4661.

Comisión del Condado de Baldwin
Programa Sistema de Clasificación de la comunidad (CRS)

Administrado por la
Baldwin Departamento de Planificación y Zonificación del Condado
Courthouse Foley Satélite
201 East Sección Calle
Foley, Alabama 36535
Teléfono: 251.972.8523
Fax: 251.972.8520
www.planning.co.baldwin.al.us
Contacto Directo:
dhart@baldwincountyal.us
en conjunción con el
Baldwin Condado Departamento de Carreteras
22070 Highway 59
Robertsdale AL 36567
Teléfono: 251.937.0278
Agencia de Manejo de Emergencias
23100 McAuliffe unidad
Robertsdale AL 36567
Teléfono: 251.972.6807
Edificio del Departamento de Inspección
201 East Sección Calle
Foley, Alabama 36535
Teléfono: 251.972.6837
Para información adicional visite el sitio web € ™ s FEMAâ en:
http://www.fema.gov

Comisión del Condado de Baldwin

No Espere
Comprar Ahora!

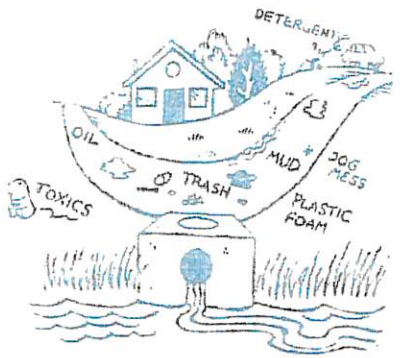
SEGURO DE INUNDACIÓN PARA PROTECCIÓN FINANCIERA

Para los agentes inmobiliarios, compañías hipotecarias, agencias de seguros, potenciales compradores, vendedores, propietarios y el público en general

What is the purpose of Stormwater Management?

The local governments in our communities have programs for the prevention and control of nonpoint pollution caused by stormwater runoff. our area. The goals of stormwater management programs are to:

1. Slow down water, decreasing its ability to cause erosion and carry pollutants.
2. Prevent pollution of our rivers, streams, and bays by promoting proper use and disposal of toxic chemicals, oil, and litter.
3. Reduce the amount of runoff by encouraging water to soak into the ground.



What is the Mobile-Baldwin Stormwater Consortium?

The Mobile-Baldwin Stormwater Consortium was formed to coordinate, on a regional basis, the development of a stormwater management program. This program meets the requirements of the National Pollution Discharge Elimination System (NPDES) permit issued to the Consortium by the Alabama Department of Environmental Management.

Local governments and agencies participating in the Mobile-Baldwin Stormwater Consortium include:

Mobile	Chickasaw
Creola	Daphne
Saraland	Fairhope
Satsuma	Mobile County
Prichard	Baldwin County

Alabama Dept. of Environmental Management
Alabama Department of Transportation
South Alabama Regional Planning Commission

For more information and/or to report violations contact:

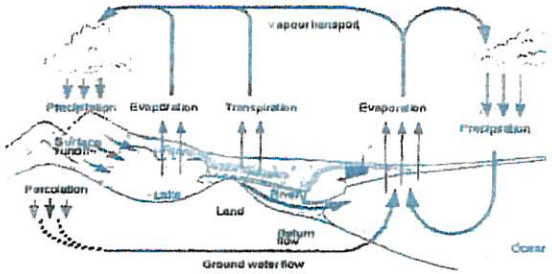
Your building department, public works department, or city/county engineer.

Alabama Dept. of Enviromental Management, Mobile Field Office, 450-3400
Baldwin County Commission, 937-0264
City of Chickasaw, 452-6463
City of Creola, 675-8142
City of Daphne, 626-9000
City of Fairhope, 928-2136
City of Mobile, 434-7177
City of Prichard, 457-3381
City of Saraland, 675-5103
City of Satsuma, 675-1440
Mobile County Commission, 690-8620
South Alabama Regional Planning Commission, 433-6541

Mobile-Baldwin Stormwater Consortium

What is Stormwater Pollution?

Rain falling on an area results in both benef and problems. The benefits are wateri vegetation and area cleansing. The problem that when rain flows over streets and oth surfaces, it picks up pollutants and carries the into the stormwater conveyance ("storm drain system. The storm drain is designed to preve flooding by transporting water away from urb areas. Unfortunately, this water, and all t contaminants it contains eventually flows to o streams, lakes, and the ocean where we swi and fish. Once there, polluted runoff can har wildlife and their habitats. In some cases, it c even cause beach closures or make fish a shellfish unsafe to eat. Since these pollutan are washed from a wide area and cannot l traced to a single source, they are call nonpoint source pollutants.



Some Causes for the Problem!

Nonpoint source pollution comes from everyd activities, such as driving to work, cleaning wi household chemicals, and applying fertilizer a pesticides to lawns and fields. These chemica and fertilizers may be carried into our wat bodies when it rains. Contaminated runoff m also filter through the soil and pollute t groundwater. Water entering storm drains is n treated in a sewage treatment plant.

What is...*Create a Clean Water Future?*

Create a Clean Water Future is a public service campaign to help residents of Alabama learn more about stormwater runoff and its impacts; increase demand for stormwater management programs; and provide tools that empower Alabama residents to reduce polluted runoff in our waterways.

The ***Create a Clean Water Future*** campaign has three easy ways ***you*** can become part of the solution:

Step up – Install rain barrels at **your** home or office.

Speak up – Let ***your*** voice be heard with local officials, policymakers, and the media to make sure stormwater runoff is on the agenda. Tell your friends about the problem and how you are helping address it by installing your rain barrel.

Follow up – Make sure **your** local government is offering stormwater education outreach opportunities such as rain barrel workshops.

Join the campaign visit

www.CleanWaterFuture.com

This project is made possible by:

Mobile Bay National Estuary Program

THE SEAL OF BALDWIN COUNTY ALABAMA
Baldwin County
1809

If you or someone you know is interested in owning a rain barrel please contact
Baldwin County Planning & Zoning Natural Resource Planner
251-423-3632
ashley.campbell@baldwincountyal.gov

Rain Barrels

CREATE A Clean Water FUTURE

Coastal Alabama receives five and a half feet of rain per year, which falls and runs across roofs, lawns, and driveways, picking up litter, fertilizer, pet waste, and chemicals along the way. Stormwater is not treated, and these contaminants are transported directly to local waterways. Installing a rain barrel is a practical way to reduce stormwater impacts. A one-inch rainfall over a 1,000 ft^2 roof yields 620 gallons of water; installing a rain barrel allows storage for future use and protects our natural resources.

What is a Rain Barrel?

A rain barrel is a system that collects and stores rainwater from your roof that would otherwise runoff into storm drains and streams. A rain barrel is typically made from a 55 gallon drum, a gutter down-spout, vinyl hose, PVC couplings, and a spigot. Rain barrels are simple, inexpensive and can sit under any gutter down spout.

Benefits of Rain Barrels

- **Rain barrels provide a free water source** that can be used for watering gardens, washing cars, or bathing pets.
- Using water caught in a rain barrel to water flowerbeds and gardens can **reduce the cost of monthly water bills**.
- **Rain water is better for plants and soil** than tap water. Rainwater is free of salt, inorganic ions, and fluoride that accumulate in soil over time and harm plant roots. Using rainwater makes plants healthier and stronger.
- **Reduce runoff pollution.** When it rains, runoff picks up fertilizers, oil, pesticides and other contaminants and carries them into storm drains and streams. These pollutants can increase algae growth, alter the habitat for fish, and even make oceans dangerous for recreational activities. Collecting rain water helps prevent this damaging flow.

How to Maintain Your Rain Barrels

Tips to keep your rain barrels clean and functioning:

- Start at the gutter that feeds your rain barrel– clean the gutter of leaves and debris. Rinse this gutter with a hose to be sure it is draining properly.
- Inspect the overall condition- look for cracks in the barrel, clogged spigots, or debris on the bottom.
- Cleaning: empty all water, use a mixture of vinegar and water to scrub the inside and bottom of the barrel with a long handled brush. Rinse out and let dry.

Not for Consumption

Rain barrel water is not for human or pet consumption. As rain water flows over a roof, it picks up pollutants such as bacteria from animals and chemicals from roof materials.

Thank you for helping Create a Clean Water Future for generations to come!
For more information visit
www.cleanwaterfuture.com

Planning Home

-Contact Us

-Staff

Zoning Ordinances

Subdivision

Stormwater Information

Planning Programs

CRS Flood Insurance

Planning Commission

Board of Adjustment

Fee Schedule

Outlying Airfields

Maps

Historic Resources

Forms & Applications

Subscribe to Get Notified

Links

The Baldwin County Planning & Zoning Department was established in 1996 to oversee the County's growth management activities. This includes administration of the County's land development regulations and management and implementation of various community development and economic development policies and programs. In addition, the department provides staff support for the Baldwin County Planning and Zoning Commission and the various Boards of Adjustment in the zoned areas.

Proposed Amendments to the Baldwin County Zoning Ordinance
Pertaining to Planning District 19

Planning District 19 - Proposed Amendments to Zoning Ordinance
Planning District 19 - Proposed Changes Only (Planning Comm)
PLANNING DISTRICT 19 PROPOSED ZONING MAP
PD 19 Proposed Zoning Map with PC Recommended Changes
Full Zoning Ordinance

** Click Here for Zoning and Subdivision Applications **
Due to increased fees by Mastercard and Visa, the convenience fee for this online service will be 3.65% starting April 1, 2020.

Beginning November 2, 2020
New online system for:

Land Use Certificate Applications
Land Disturbance Applications
Sign Applications
Billboard Permit Applications
Zoning Verification Request
Request for Exempt Subdivision Letter

** Please click on the link below for instructions **
https://baldwincountyal.gov/citizenserve-portal/

Baldwin County Master Plan – 2013 Approved and Adopted

2020 Flood Hazard Protection Newsletter

FloodSmart.gov

Current Planning Programs

Highway Home

Staff

County Maintained Roadways

Highway Services

-Driveway Permit Application

-Permit Division

Road Notices

Stormwater Studies

Subdivision Regulations

Rebuild Alabama FY 2020 County Transportation Plan

Rebuild Alabama FY 2021 County Transportation Plan

Forms / Permit Applications

-Subdivision Application Forms

Other Helpful Links

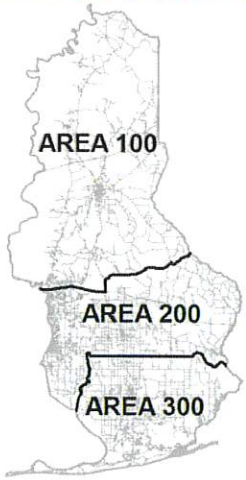
Welcome to the Baldwin County Highway Department

The Baldwin County Highway Department is committed to constructing and maintaining the infrastructure under our control in a reasonably safe condition for travel.

This department is responsible for the administration, maintenance, and construction of over 1,600 miles of dirt, gravel, and paved roads.

The County is divided up into three (3) maintenance areas. Each area has a supervisor, assistant supervisor, office staff, and crews that are responsible for the day-to-day maintenance of the County maintained roadways in their respective areas. This includes the grading of dirt and gravel roads, pothole repairs, and removal of limbs and vegetation to maintain adequate sight distances.

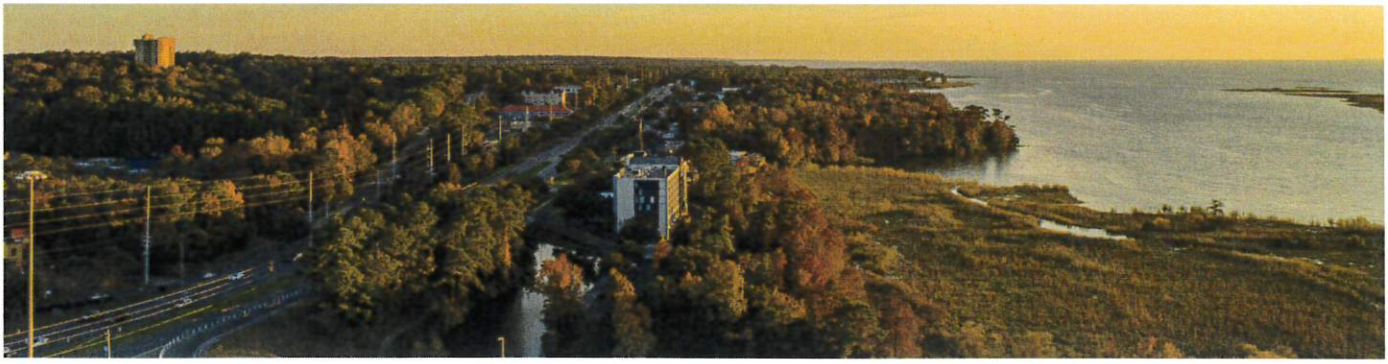
View a larger detailed PDF map of the maintenance barns



Area 100 Maintenance covers the northern part of the County. This includes the areas north of I-10 (west of State Highway 59) and north of Truck Trail 17 (east of State Highway 59).
Contact Area 100 Maintenance

Area 200 Maintenance covers the central and western part of the County. It includes the area south of I-10 (west of State Highway 59) down to County Road 36, the west side of County Road 36, the west side of Fish River, and south of Truck Trail 17 (east side of State Highway 59) down to County Road 36/Blackwater River.
Contact Area 200 Maintenance

Area 300 Maintenance covers the southern part of the County including the Fort Morgan peninsula.
Contact Area 300 Maintenance



Building Department Home

- Contact Us

- Staff Contacts

Apply Online - Citizenserve Portal

Building Codes

Flood Zone Requirements

Permit Application Checklists

Fee Schedule

Permit Reports

Elevation Certificates

Flood Damage Prevention Ordinance

Flood Hazard Management Plan

- Master Plan Feedback Form

- FHMP Meeting Minutes

- Flood Map Risk (Public Outreach)

Fortified Homes

- NEW Residential Homes

- EXISTING Residential Homes

Quick Links

The Baldwin County Building Department is responsible for the permitting and inspection of residential and commercial construction (including new construction, additions, alterations, repairs, and remodeling) throughout the County's building permitting jurisdiction as required by the International Building Codes.

BUILDING PERMIT JURISDICTION:
The county building permit jurisdiction includes unincorporated areas of Baldwin County as well as the towns of Elberta, Magnolia Springs, and Perdido Beach. For properties located inside any city limits other than those towns listed above, the property owner or contractor should contact the specific city's building department office for permitting requirements and information. Click here for a list of municipalities inside Baldwin County and links to their websites.

CITIZENSERVE PORTAL - APPLY FOR PERMITS ONLINE:
In the portal, you may submit Planning & Zoning Department applications and Building Department permit applications. You may also upload construction plans and required documents, check application review status, pay fees, schedule inspections, and much more.

The portal is compatible with most tech devices - phones, tablets, laptops, and desktop computers. You can log in anytime and anywhere - from your office, home, or even from the jobsite. The portal is most compatible with the Google Chrome internet browser.

>>>> **Property Owner Registration: How-To Video** <<<<

>>>> **Contractor Registration: How-To Video** <<<<

>>>> **Apply For a Permit: How-To Video** <<<<

CITIZENSERVE PORTAL

Solid Waste Home

- Contact Us

- Staff

Apply for Garbage Service

Garbage Collection Services

Landfills

Recycling

FAQ

Please be advised Baldwin County Solid Waste, a Service of the Baldwin County Commission, will be taking measures to protect health, welfare, and public safety of the Baldwin County citizens and its employees during the COVID-19 pandemic.

During this time we ask all citizens to remember all items placed at the curb for collection be contained within your Baldwin County issued Garbage Cart, items placed on the ground will not be collected or picked up by County employees.

Thank you for your patience and understanding as we work to serve the citizens of Baldwin County, while continuing to protect human health and the environment.

PAY YOUR GARBAGE / TRASH BILL HERE

We accept Visa, MasterCard & Discover
(Sorry, we do not take American Express Cards)

APPLY FOR GARBAGE SERVICE

COLLECTION SERVICES

Participation in the solid waste residential collection program, provided by Baldwin County Commission, is mandatory for residents of the unincorporated areas of Baldwin County, Alabama. This is part of an effort to reduce and prevent illegal dumping and littering.

To report illegal dumping or littering, contact Solid Waste.

Garbage Collection maintains a normal schedule on all holidays, except Thanksgiving and Christmas.

COVID-19 ALERT - All garbage at the curb for collection must be in your Baldwin County Cart. Items outside the cart WILL NOT be picked up.

CART USE GUIDELINES

LANDFILLS

Magnolia, MacBride and Eastfork Landfills, and Bay Minette Transfer Station's information.

RECYCLE

Due to the COVID-19 Pandemic -
Some Baldwin County Solid Waste Recycling Services have been temporarily suspended.

Baldwin County cares about the environment and has several container locations throughout the county where you can place items for recycling. The county does not have a curbside recycling program at this time.

FAQ

Solid Waste's Frequently Asked Questions.

Appendix B

Public Involvement / Participation

Our Values:

Accountability—When we say we will do it or find you an answer—WE WILL!

Honesty— We value truth in all we say and do.

Humor—We take our work seriously and ourselves lightly.

Respect— We listen actively, express differences tactfully and resolve issues thoughtfully.

Teamwork— We work in an open, collaborative environment—We won't let each other fall.

SUBMIT REQUESTS

PERMITS & LICENSE

PUBLIC RECORDS

MAKE A PAYMENT

MOTOR VEHICLES

COURTS

MEETING AGENDAS

ALERTS

MAPS

MEET YOUR COMMISSION

Contact Baldwin County
Citizen Service Center
251.937.9561 •251.928.3002
•251.943.5061
Email Citizen Services
Holidays and Operating Hours
Email Webmaster for Web
Inquiry

Search

Highway Home

Staff

County Maintained Roadways

Highway Services
-Driveway Permit Application
-Permit Division

Road Notices

Stormwater Studies

Subdivision Regulations

Rebuild Alabama
FY 2020 County
Transportation Plan

Rebuild Alabama
FY 2021 County
Transportation Plan

Forms / Permit Applications
-Subdivision Application Forms

Other Helpful Links

Services

Payments

Maps

Open Baldwin

Highway Forms and Applications

Baldwin County Commission is in no way affiliated with Adobe Acrobat Reader Products, however it is the application we have used to create PDF Forms on our website. In order for any PDF forms to display and work as intended, we recommend you use the Free Official Adobe Reader.

*You may Download the Free Official Adobe Reader PDF Viewer Product here
Note: Upon download, please uncheck any optional offers, unless you wish to have those, examples would be like Google Chrome, Google toolbar, etc., so that they will not install along with your Adobe Reader.

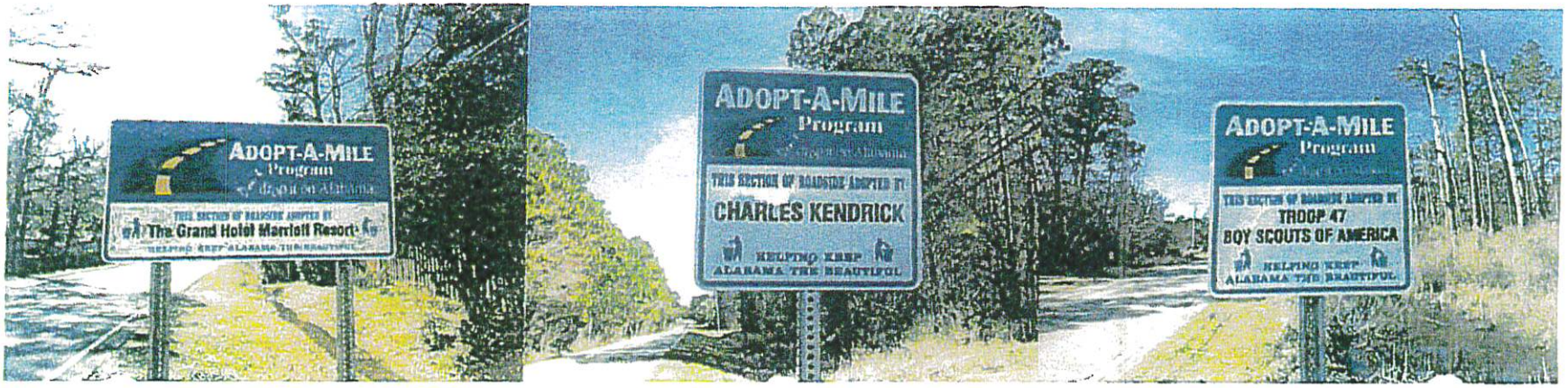
- **Written Certification of Review & Understanding of ADEM Regulations**
  PDF, 9.29 KB
- **Right-of-Way (ROW) Access Drainage Impact Permit**
  PDF, 378.43 KB

Subdivision Application Forms

Others:
Alabama Adopt-A-Mile Program
View Planning & Zoning Forms

Adopt-a-Mile

1. Scenic 98	1 mile	Rivenbark & Preister Families
2. Scenic 98	1 mile	Marriott Resort
3. Highway 98	1 mile	Rob & Renee Smith
4. County Rd 1	1 mile	Boy Scouts Troop 47
5. County Rd 27	1 mile	Beckwith
6. County Rd 32	1 mile	Charles Phillip Kendrick



Adopt-a-Mile Program Application for the Highway Adoption (County)

The following form was completed online requesting to adopt a mile of County Road and has been submitted to the Alabama PALS office for processing.

Applicant Information

Application Number 634

Submitted on 1/10/2021 11:08 PM

County Baldwin

First Name William

Last Name Brooks

Email Address william_brooks@usa.net

Participating Organization Bill and Linda Brooks

Address 35594 Boykin Blvd.
Lillian, AL 36549

Phone Number 2519552675

Proposed highway section(s) to adopt

(minimum of one mile)

County Road Number Boykin Blvd. (CR99 North)

Desc. of Section Boykin Blvd from 2nd Street to Oak Street

County Road Number

Desc. of Section

Approvals

Applicant Signature William T. Brooks

I authorize the use of the typed name above as an electronic signature

Recommended for Approval

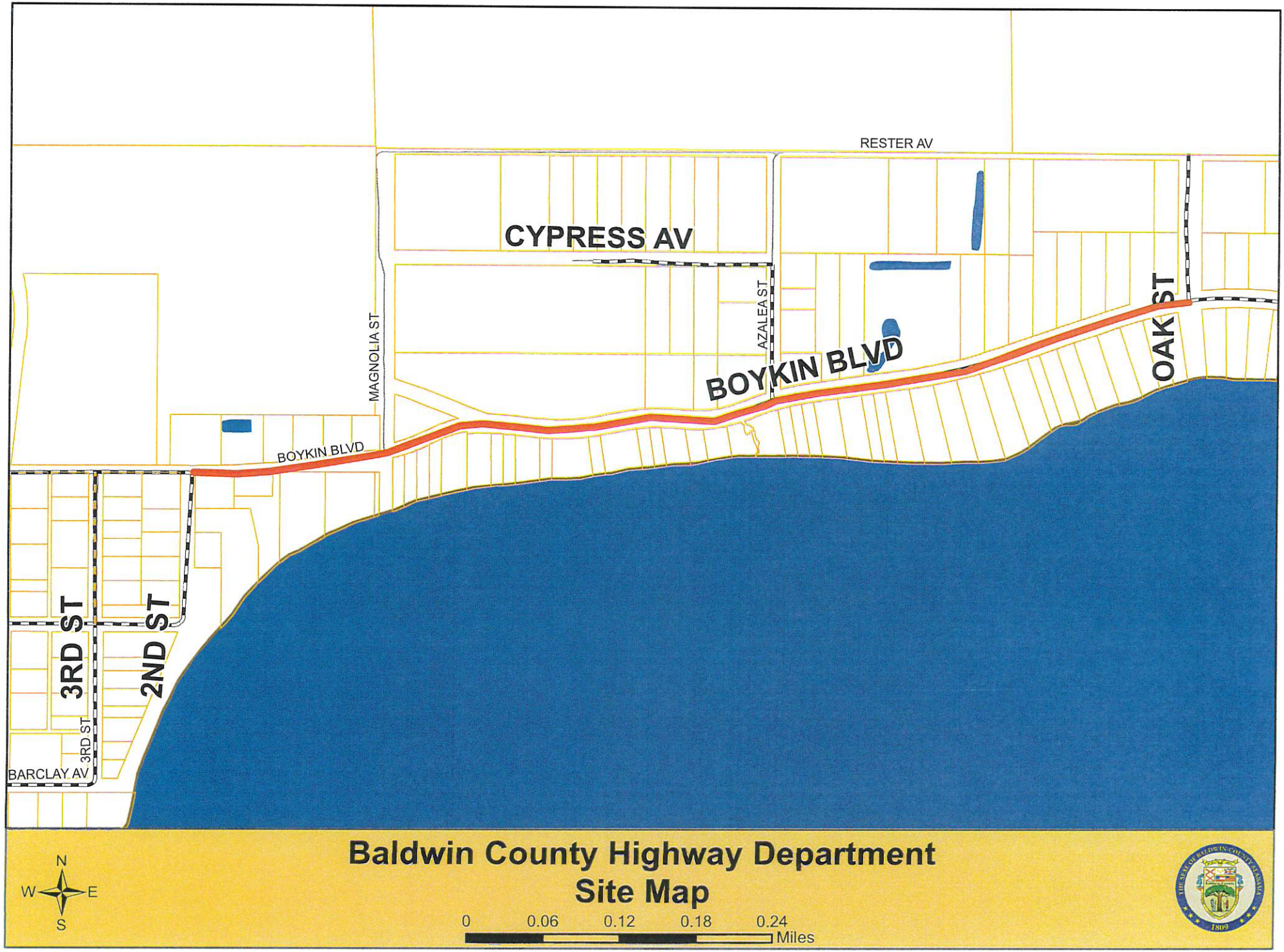
County Engineer

Recommended for Approval

Chairman, County Commission

Approved

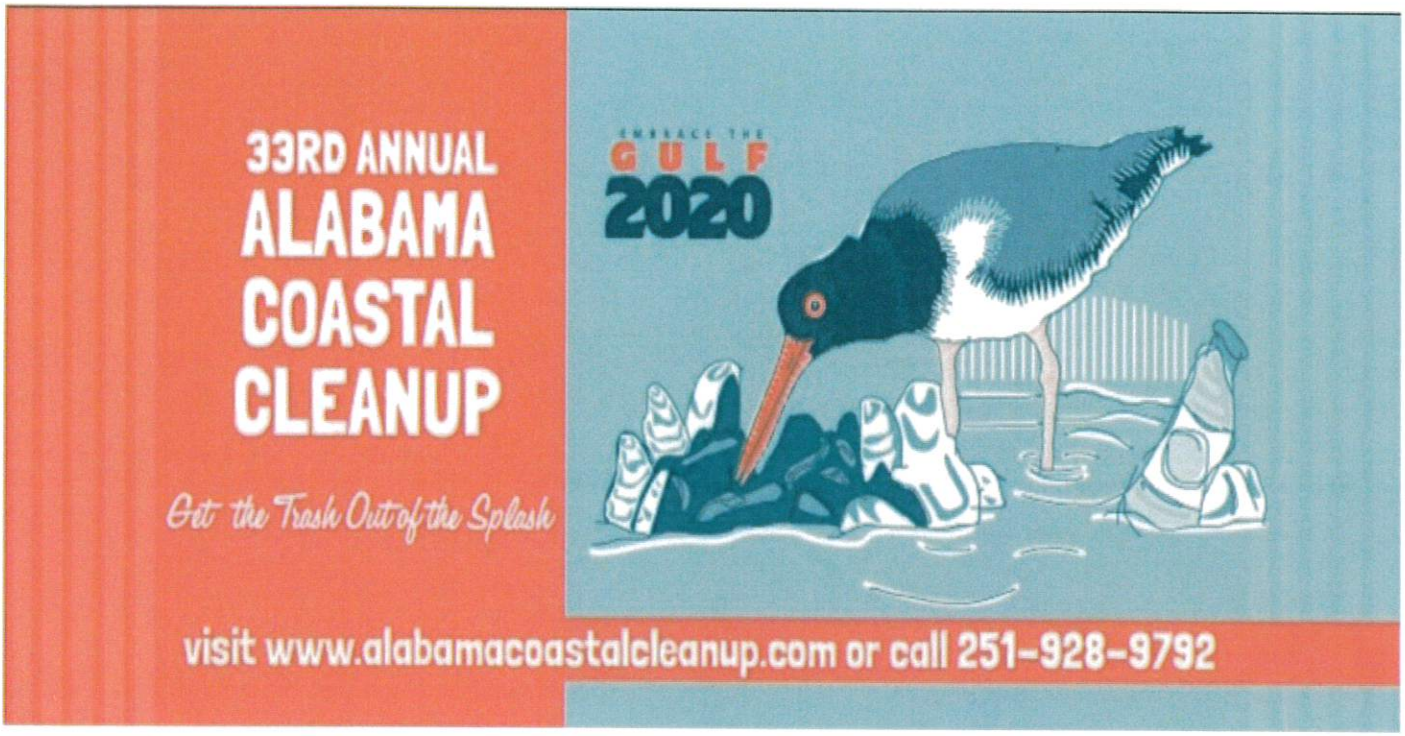
(District Engineer, Alabama Dept of Transportation)



Baldwin County Highway Department
Site Map

33rd Annual Alabama Coastal Cleanup

Saturday, September 26, 2020 - 8:00am to 12:00pm



Baldwin County Cleanup Zones
Zone Captains will not be hosting the Baldwin County locations. Event coordinators are distributing donated supplies to Baldwin County disaster relief efforts. Volunteers in the Baldwin County area are encouraged to spend their time with local organizations to help communities in need.

Are you looking for an opportunity to get outside with friends and family and do something that benefits your community? If so, you are encouraged to help "get the trash out of the splash" during the 33rd Annual Alabama Coastal Cleanup. The rescheduled event will take place in Baldwin and Mobile counties from September 26-October 4, 2020.

Due to potential COVID-19 concerns, this year's cleanup will take place over multiple days to allow volunteers to properly practice social distancing and work in small groups. Event organizers will also provide masks for up to 5,000 volunteers.

There will be three staging locations in the Orange Beach area. Come to the Boggy Point Boat Launch between 8 a.m. and noon on Saturday, September 26th. Orange Beach Coastal Resources staff will be shuttling participants by boat to the islands and will make sure to follow all social-distancing guidelines (including wearing masks) while doing so!

To accommodate safety and expand the program, Coastal Cleanup participants are able to pick up supplies and clean up areas of the beach and shoreline on their own during the week - September 26-October 4. Participants will have to handle disposing of their own recycling and trash themselves if they do decide to pick up on their own.

Two other separate cleanup locations in the Orange Beach area will include Cotton Bayou Beach and the Flora-Bama on Saturday, September 26th between 8 a.m. and noon.

For more information about the coastal zones, zone captains, start times, safety tips and a list of event sponsors, visit www.AlabamaCoastalCleanup.com or call 251-928-9792.

You can also follow the Alabama Coastal Cleanup on Facebook at www.facebook.com/AlabamaCoastalCleanup.

Event Website: http://www.AlabamaCoastalCleanup.com

FOR IMMEDIATE RELEASE

BALDWIN COUNTY, AL, March 18, 2021 - The "Don't Drop It On Alabama" Spring Cleanup is held during the month of April each year and is available to Alabama cities, counties, and communities. All supportive cleanup materials are provided at no cost to participants and include large trash bags, recycle bags, participation forms and other materials necessary for a successful cleanup week.

Each year this effort saves Alabama taxpayers millions of dollars through cleanup efforts of thousands of volunteers who participate in this event. Participation is encouraged by individuals and groups.

Kickoff for event is April 1st and lasts the entire month of April. Supplies can be picked up beginning Wednesday, March 24, 2021 at the following locations (unless otherwise arranged with Baldwin County Solid Waste):

Magnolia Landfill
15140 County Road 49
Summerdale, AL 36580

MacBride Landfill
14200 County Road 64
Loxley, AL 36551

Bay Minette Transfer Station
43205 Nicholsville Road
Bay Minette, AL 36507

Eastfork Landfill
17917 CC Road
Elberta, AL 36530

Baldwin County Central Annex
Rear parking lot drive-up window
22251 Palmer Street
Robertsdale, AL 36560

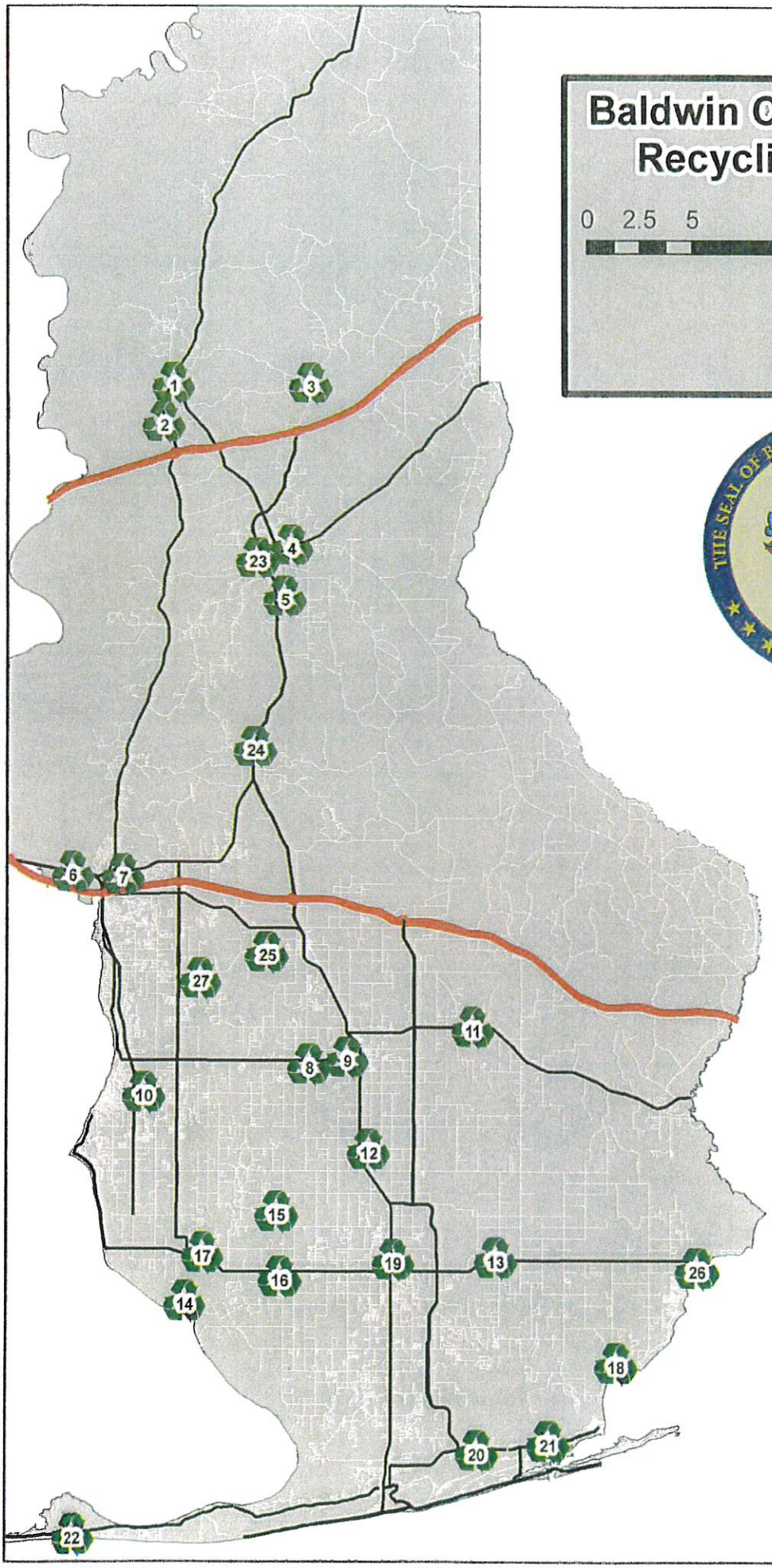
Trash can only be collected in the bags provided unless otherwise approved by the Baldwin County Solid Waste Director.

Trash will be weighed and reported to Alabama PALS to track the event's success. Forms specifying the general location where trash was collected should be turned in with the trash to the locations listed above. For more information, call Baldwin County Solid Waste at 251-972-6878.

Recycle & Household Hazardous Waste

Baldwin County, Alabama Recycling Locations

0 2.5 5 10 15 20 Miles



Site	Location
1	Stockton Post Office
2	Bicentennial Park
3	Perdido VFD
4	Commission Administration
5	Bay Minette Transfer Station
6	5 Rivers Delta Center
7	Spanish Fort Kids Park
8	Little Hall
9	Robertsdale Central Annex
10	Fairhope Courthouse
11	Elsanor Community Center
12	Summerdale 1st & Jefferson ST
13	Elberta VFD
14	Camp Beckwith
15	Magnolia Landfill
16	Magnolia Springs VFD
17	Weeks Bay Reserve
18	Perdido Beach VFD
19	Foley Courthouse
20	Orange Beach Public Works
21	Orange Beach Community Center
22	Fort Morgan Fire Rescue #2
23	Bay Minette Public Works
24	Stapleton VFD
25	MacBride Landfill
26	Lillian VFD
27	Belforest VFD

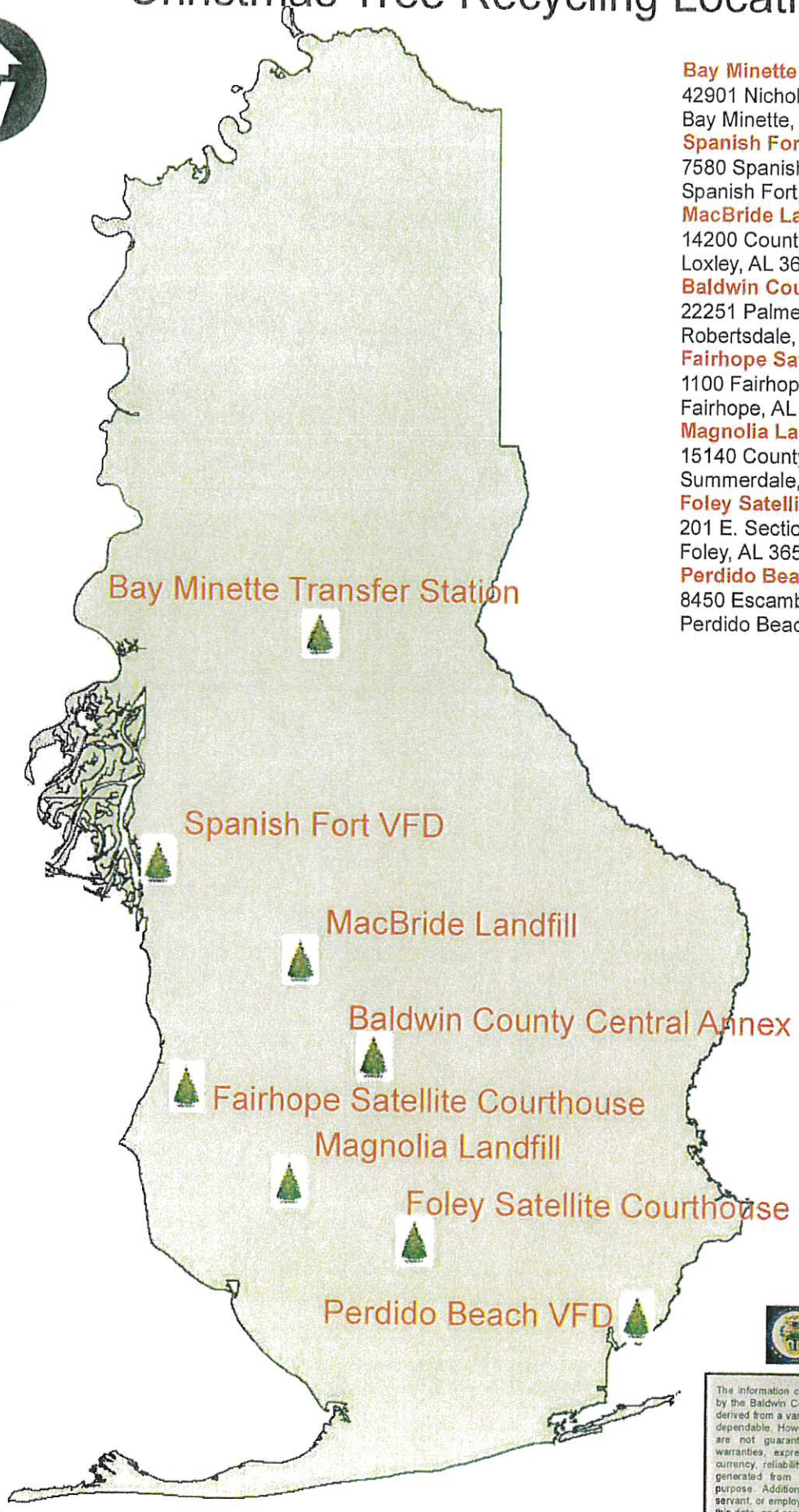
Report: **Scale Transactions By Material** *Revised for CY Rate Change 04/01/19*
Dates: For the period: 4/1/2020 to 3/31/2021
Billing Group: COM-TEMP,COM-COUNTY,COM,CASH
Facility:: RECYCLE,MAGNOLIA LANDFILL,MACBRIDE LANDFILL,EASTFORK LANDFILL,BAY MINETTE TRANSFER STATION

Commodity		Nbr of Tickets	Tons	Total Materials	Total
ACM	ALT COVER MATERIAL	3	1.04	$17.68	$18.72
C2	C&D	70,917	152,938.05	$2,613,003.88	$2,766,666.66
C2-TRS	C&D - TRS	2,370	4,930.49	$157,828.36	$162,760.44
c3	YARD WASTE/BRUSH	8,022	9,566.62	$165,973.63	$175,731.90
C3-BCSW	YARD WASTE/BRUSH - BCSW	100	44.12	$0.00	$0.00
C3-TRS	YARD WASTE/BRUSH - TRS	172	259.00	$8,303.20	$8,562.66
C4	LITTER/RUBBISH	20,576	10,705.12	$198,936.22	$210,613.62
C4-BCSW	LITTER/RUBBISH - BCSW	1,701	3,907.61	$0.00	$0.00
C4-TRS	LITTER/RUBBISH - TRS	62	39.80	$1,289.40	$1,329.68
C5	SPECIAL HANDLING	97	209.75	$5,040.24	$5,250.25
C9	NO CHARGE	132	804.78	$0.00	$0.00
ct	CHRISTMAS TREES	7	0.16	$0.00	$0.00
CT-BCSW	CHRISTMAS TREES - BCSW	7	7.01	$0.00	$0.00
CTON	C&D - TONNAGE ONLY - SALLY	684	340,240.47	$0.00	$0.00
CY	C&D YARDS	4,610	48,006.80	$549,753.75	$549,753.75
CY-TRS	C&D YARDS	109	729.17	$16,300.00	$16,300.00
CYS-C&D	CY- C&D S/D SALLY	4,124	149.60	$1,346,411.09	$1,346,411.09
CYS-STATE C&D	CYS-STATE C&D SALLY RDS	16	1.26	$0.00	$0.00
CYS-TRS C&D	CY TRS - C&D SALLY	63	2.00	$33,060.29	$33,060.29
CYS-TRS VEG	CY TRS - VEG SALLY	517	27.02	$243,160.59	$243,160.59
CYS-VEG	CY-VEGETATIVE S/D SALLY	9,814	503.63	$4,532,724.88	$4,532,724.88
H1	H/H HAZARDOUS WASTE	752	2.49	$9,962.00	$9,962.00
H2	COMM PAINT	3	0.02	$615.00	$615.00
H5-SALLY	H/H WASTE HURR SALLY	21	45.24	$1,809.60	$1,809.60
L0	OUTBOUND TO MLF	78	-751.82	$0.00	$0.00
L0E	OUTBOUND TO MLF - FR EFL	2	-6.47	$0.00	$0.00
L1	RESIDENTIAL	13,370	99,560.37	$2,920,374.67	$3,019,694.28
L1-ELBERTA	RESIDENTIAL	63	575.34	$16,684.86	$17,260.20
L1-TRS	RESIDENTIAL TRS	112	1,043.82	$30,270.78	$31,314.60
L10	ASBESTOS	3	2.35	$92.43	$94.80
l11	COMM E-WASTE	14	0.25	$4,900.00	$4,900.00
L1P	RESIDENTIAL GARBAGE PERMITTED	130	5.22	$466.55	$482.20
L2	COMMERCIAL	9,693	77,682.79	$2,485,841.88	$2,563,524.41
L2-TRS	COMMERCIAL TRS	1,143	7,955.70	$373,920.41	$381,876.16
L3	TREATED LUMBER	144	325.44	$5,552.93	$5,879.54
l4	INERT/GARBAGE MIX	195	545.40	$21,275.28	$21,820.80
L4-TRS	INERT/GARBAGE MIX TRS	35	94.59	$5,107.86	$5,202.45
l5	SPECIAL HANDLING	530	6,266.18	$244,384.92	$250,651.20
L5-TRS	SPECIAL HANDLING TRS	37	120.41	$6,502.14	$6,622.55
L6	CARRION	109	27.71	$1,173.12	$1,203.20
L6-TRS	CARRION TRS	70	23.70	$1,280.88	$1,304.60
L9	INBOUND FROM MCB	78	753.78	$0.00	$0.00
L9E	INBOUND FROM EFL	2	6.44	$0.00	$0.00
O1	COMPOST	981	991.39	$24,747.88	$24,747.88
o3	SCRAP METAL - WHITE GOODS	52	557.94	$67,491.70	$67,491.70
O9	USED OIL	4	7.71	$0.00	$0.00
OCC	CARDBOARD	4	78.02	$1,133.00	$1,133.00
PULL CHARGE	PULL CHARGE	21	0.01	$1,575.00	$1,575.00
R1	TIRES < 20IN	703	3.73	$12,000.00	$12,000.00
R1-BCSW	TIRES < 20IN BCSW	7	0.06	$0.00	$0.00
R2	TIRES > 20IN	62	0.38	$5,130.00	$5,130.00

HHW

outbound

Christmas Tree Recycling Locations



Bay Minette Transfer Station
42901 Nicholsville Rd.
Bay Minette, AL 36507

Spanish Fort Volunteer Fire Department
7580 Spanish Fort Blvd.
Spanish Fort, AL 36527

MacBride Landfill
14200 County Road 64
Loxley, AL 36551

Baldwin County Central Annex
22251 Palmer St.
Robertsdale, AL 36567

Fairhope Satellite Courthouse
1100 Fairhope Ave.
Fairhope, AL 36532

Magnolia Landfill
15140 County Road 49
Summerdale, AL 36580

Foley Satellite Courthouse
201 E. Section Ave.
Foley, AL 36535

Perdido Beach VFD
8450 Escambia Ave.
Perdido Beach, AL 36530

BALDWIN COUNTY COMMISSION
PLANNING AND ZONING DEPARTMENT

The information contained in this representation of digital data distributed by the Baldwin County Commission's Planning and Zoning Department is derived from a variety of public and private sources and is considered to be dependable. However, the accuracy, completeness, and currency thereof are not guaranteed. The Baldwin County Commission makes no warranties, expressed or implied, as to the accuracy, completeness, currency, reliability, or suitability of information or data contained in or generated from the County Geographic Database for any particular purpose. Additionally, the Baldwin County Commission or any agent, servant, or employee thereof assume no liability associated with the use of this data, and assume no responsibility to maintain it in any matter or form. For more information concerning this map call 251.580.1655.

Baldwin County Commission

Work Session Meeting Agenda
Monday, March 1, 2021
8:30 AM

Baldwin County Administration Building
County Commission Conference Room/Meeting Chambers
322 Courthouse Square
Bay Minette, Alabama 36507

Regular Meeting Agenda
Tuesday, March 2, 2021
8:30 AM

Baldwin County Administration Building
County Commission Chambers
322 Courthouse Square
Bay Minette, Alabama 36507

District 1 – Commissioner James E. Ball
District 2 – Commissioner Joe Davis, III
District 3 – Commissioner Billie Jo Underwood
District 4 – Commissioner Charles F. Gruber

Wayne A. Dyess, County Administrator

Public hearings commence at 8:30 AM.

All individuals wishing to speak must fill out a speaking request form. Speakers are asked to limit comments to 3 minutes. Groups are asked to select a spokesperson to speak on behalf of the group with time allotted to the spokesperson being limited to 5 minutes.

Supporting documentation for the agenda can be viewed in the File ID link of each item. Revisions to agenda items or supporting documentation made after the initial publication are denoted by an asterisk.

The public may submit comments or questions to the County Commissioners by email or by telephone at 251.937.0264.

Dist. 1 - jeb.ball@baldwincountyal.com
Dist. 2 - joe.davis@baldwincountyal.gov
Dist. 3 - bunderwood@baldwincountyal.gov
Dist. 4 - cgruber@baldwincountyal.gov

WELCOME BY CHAIRMAN, INVOCATION AND PLEDGE OF ALLEGIANCE

A ADOPTION OF MINUTES

February 17, 2021, Regular Minutes

B ACTION ITEMS

BA ADMINISTRATION

BA1	City of Fairhope - Annexation Notification	21-0546
BA2	Town of Loxley - Annexation Notification	21-0529
BA3	East Central Baldwin County Water, Sewer and Fire Protection Authority - Board Appointment(s)	21-0557
BA4	Orange Beach Water, Sewer & Fire Protection Authority - Board Appointment(s)	21-0568

BE BUDGET/PURCHASING

BE1	Competitive Bid #WG19-21 - Provision of Off-site Printing, Mailing and Automated Management of the Baldwin County Probate Renewal Notices	21-0542
BE2	Competitive Bid #WG19-23 - Provision of Off-site Printing, Mailing and Automated Management of the Quarterly Statements/Late Notices for Baldwin County Solid Waste Collections	21-0534

BE3	Competitive Bid #WG19-24 - Annual Generator Preventive Maintenance Services for the Baldwin County Commission	21-0533
BE4	Competitive Bid #WG20-18 - Provision of Telecommunication Materials for the Baldwin County Commission	21-0540
BE5	Competitive Bid #WG21-02 - Construction of One (1) New 40 ft. x 60 ft. Pole Barn to be Located at Bicentennial Park in Stockton, Alabama, for the Baldwin County Commission	21-0558
BE6	Competitive Bid #WG21-04B - Provision of Bag Ice for the Baldwin County Commission	21-0536
BE7	Competitive Bid #WG21-07A - Provision of Pavement Markers and Bituminous Adhesive for the Baldwin County Commission	21-0537
BE8	Competitive Bid #WG21-12 - Provision of Roadway Pipe for the Baldwin County Commission	21-0581
BE9	Competitive Bid #WG21-18 - Provision of Police Vehicle Accessories for the Baldwin County Commission	21-0541
BE10	Competitive Bid #WG21-19 - Provision of Concrete Sidewalk Repair on County Right-of-Ways for the Baldwin County Commission	21-0566
BE11	Amendment to Baldwin County Commission Policy #8.16 - Taxpayer Installment Agreement/Payment Plan Agreement	21-0545
BE12	Annual Pre-award Risk Assessment by the Alabama Department of Conservation and Natural Resources (ADCNR)	21-0550
BE13	Resolution #2021-054 - Fiscal Year 2021 Budget Amendment #4	21-0577
BJ	**ELECTED OFFICIALS**	
BJ1	Donation of One (1) Surplus Vehicle from the Baldwin County Sheriff's Office to Coastal Alabama Community College Police Department	21-0584
BJ2	Online Auction Portal for the Baldwin County Revenue Commission - Tax Lien Auctions	21-0485
BM	**FINANCE AND ACCOUNTING**	
BM1	State-Local Disaster Funding Assistance Agreement Related to Hurricane Sally	21-0565
BN	**HIGHWAY**	
BN1	Adopt-A-Mile - Boykin Boulevard from 2nd Street to Oak Street in Lillian	21-0476

BN2	City of Fairhope - Intergovernmental Service Agreement for Fairhope Transit Shelter	21-0521
BN3	City of Gulf Shores - Quitclaim Deed - Grund Lane from County Road 8 Running Northerly Approximately 2,250 Feet to the Center of Boggy Branch	21-0578
BN4	City of Spanish Fort - Intergovernmental Service Agreement for the Striping of County Road 39 inside Spanish Fort City Limits	21-0379
BN5	County Road 20 Extension from South Hickory Street to County Road 65 - Engineering and Survey Services	21-0547
BN6	Gulf of Mexico Energy Security Act (GOMESA) Dirt Road Paving	21-0586
BN7	Intracoastal Waterway Boat Launch - U.S Army Corps of Engineers Declaration of Restrictive Covenants	21-0570
BN8	Lease of Two (2) Modular Units for the Baldwin County Highway Department Area 100 Maintenance Facility	21-0585
BQ	**PERSONNEL**	
BQ1	Animal Shelter - Promotion of Employee into Office Manager Position	21-0552
BQ2	Building Inspection Department - Employment of One (1) Building Inspector II Position	21-0553
BQ3	Highway Department (Construction Engineering) - Employment of One (1) Part-Time Bridge Inspector	21-0555
BQ4	Highway Department (Traffic Operations) - Employment of One (1) Operator Technician I Position	21-0554
BQ5	Highway Department - Updated Position Descriptions	21-0556
BQ6	Finance and Accounting Department - Position Change	21-0576
BR	**PLANNING AND ZONING**	
BR1	Baldwin County Planning and Zoning Commission - Board Appointment(s)	21-0567
BR2	Planning District 19 Advisory Committee Appointment(s)	21-0571
BR3	Planning (Zoning) District 11 - Determination Regarding District Boundary, Certification of Petition, and Request for Zoning Election	21-0595

C PRESENTATIONS

CA GENERAL

CA1 Citizen Service One Stop Shop 21-0479

D PUBLIC HEARINGS

DN HIGHWAY

DN1 Case No. S-21005 Blackwater Farms Subdivision - Appeal from the Baldwin County Planning and Zoning Commission Denial of Subdivision Development Permit 21-0564

DN2 Case No. VAC-20-4 - Vacation of a Portion of a 40' Unopened, Unimproved Right-of-Way North of River Road 21-0579

E COMMITTEE REPORTS

EA FINANCE/ADMINISTRATION DIVISION

EA1 Payment of Bills 21-0548

EA2 Notification of Interim Payments Approved by Clerk/Treasurer as Allowed Under Policy 8.1 21-0549

F DISCUSSION ITEMS

FA ADMINISTRATION

FA1 Alabama Department of Economic and Community Affairs (ADECA) Community Development Block Grant (CDBG)-CV Opportunity 21-0582

FA2 Implementation Plan Update for the Baldwin County Strategic Plan 21-0490

FA3 Work Session Quarterly Update 21-0563

FD BALDWIN REGIONAL AREA TRANSIT SYSTEM (BRATS)

FD1 Baldwin Regional Area Transit System (BRATS) - Transportation for the 2021 Living History Event Commemorating the Battle of Fort Blakeley 21-0531

G COMMISSIONER REQUESTS

H ADDENDA

I ADMINISTRATIVE REPORT

J COUNTY ATTORNEY'S REPORT

K PUBLIC COMMENTS

L PRESS QUESTIONS

M COMMISSIONER COMMENTS

N ADJOURNMENT

Please Note: The Application Deadline Submittal time is 12:00pm (noon)

BALDWIN COUNTY PLANNING & ZONING COMMISSION
2020
MEETING
AND
APPLICATION SCHEDULE

MEETING LOCATION: Baldwin County Central Annex
22251 Palmer St.
Robertsdale, Al. 36567

MEETING TIME: 6:00 p.m.

MEETING DATE	APPLICATION DEADLINE DATE	PRE-APP. MEETING DATE (REQUIRED)
*JANUARY 9, 2020	DECEMBER 10, 2019	NOVEMBER 13, 2019
FEBRUARY 6, 2020	JANUARY 7, 2020	DECEMBER 18, 2019
MARCH 5, 2020	FEBRUARY 4, 2020	JANUARY 15, 2020
APRIL 2, 2020	MARCH 3, 2020	FEBRUARY 12, 2020
MAY 7, 2020	APRIL 7, 2020	MARCH 18, 2020
JUNE 4, 2020	MAY 5, 2020	APRIL 15, 2020
JULY 2, 2020	JUNE 2, 2020	MAY 13, 2020
AUGUST 6, 2020	JULY 7, 2020	JUNE 17, 2020
SEPTEMBER 3, 2020	AUGUST 4, 2020	JULY 15, 2020
OCTOBER 1, 2020	SEPTEMBER 1, 2020	AUGUST 12, 2020
NOVEMBER 5, 2020	OCTOBER 6, 2020	SEPTEMBER 16, 2020
DECEMBER 3, 2020	NOVEMBER 3, 2020	OCTOBER 14, 2020

APPROVED THE 5th DAY OF December 2019

SIGNATURE OF CHAIRMAN: [signature]

*MOVED TO 2ND THURSDAY DUE TO NEW YEARS DAY

Please Note: The Application Deadline Submittal time is 12 :00 pm (noon)

BALDWIN COUNTY PLANNING & ZONING COMMISSION

2021

MEETING AND APPLICATION SCHEDULE

MEETING LOCATION: Baldwin County Central Annex
22251 Palmer St.
Robertsdale, Al. 36567

MEETING TIME: 4:00 p.m.

MEETING DATE	APPLICATION DEADLINE DATE 12:00 Noon	PRE-APP. MEETING DATE ZONING (REQUIRED)	PRE-APP. MEETING DATE SUBDIVISION (REQUIRED}
JANUARY 7, 2021	DECEMBER 8, 2020	NOVEMBER 12, 2020	NOVEMBER 13, 2020
FEBRUARY 4, 2021	JANUARY 5, 2021	DECEMBER 16, 2020	DECEMBER 17, 2020
MARCH 4, 2021	FEBRUARY 2, 2021	JANUARY 13, 2021	JANUARY 14, 2021
APRIL 1, 2021	MARCH 2, 2021	FEBRUARY 10, 2021	FEBRUARY 11, 2021
MAY 6, 2021	APRIL 6, 2021	MARCH 10, 2021	MARCH 11, 2021
JUNE 3, 2021	MAY 4, 2021	APRIL 14, 2021	APRIL 15, 2021
JULY 8, 2021	JUNE 8, 20 21	MAY 12, 2021	MAY 13, 2021
AUGUST 5, 2021	JULY 6, 2021	JUNE 9, 2021	JUNE 10, 2021
SEPTEMBER 2, 2021	AUGUST 3, 2021	JULY 14, 2021	JULY 15, 2021
OCTOBER 7, 2021	SEPTEMBER 7, 2021	AUGUST 11, 2021	AUGUST 12, 2021
NOVEMBER 4, 2021	OCTOBER 5, 2021	SEPTEMBER 8, 2021	SEPTEMBER 9, 2021
DECEMBER 2, 2021	NOVEMBER 2, 2021	OCTOBER 13, 2021	OCTOBER 14, 2021

APPROVED THE 5th DAY OF November 2020

SIGNATURE OF CHAIRMAN: Sam Davis Jr

Baldwin County Planning & Zoning Commission
Agenda

Thursday, December 3, 2020
4:00 p.m.
Baldwin County Central Annex
Main Auditorium
22251 Palmer Street
Robertsdale, Alabama
www.planning.baldwincountyal.gov

1. **Call to order.**

2. **Invocation and prayer.**

3. **Pledge of Allegiance.**

4. **Roll call.**

5. **Approval of meeting minutes:**

   November 5, 2020 meeting minutes

6. **Announcements/Registration to address the Commission.**

7. **Consideration of Applications and Requests: *Re-zoning Cases***

   a.) Case Z-20044, Dan & Dan LLC Property

   Disclosure of Prior Outside Communication –Pursuant to Article VI, Section 15(b), Planning Commission By-Laws

Purpose: The applicant is requesting to rezone 3+/- acres, of a 52.8-acre parcel, from RA to B-3 to allow a convenience store and gas station on the property.

Location: The subject property is located at 12990 County Road 95, in Planning District 22.

b.) Case Z-20045, Parnell Development LLC Property

Disclosure of Prior Outside Communication –Pursuant to Article VI, Section 15(b), Planning Commission By-Laws

Purpose: The applicant is requesting to rezone 1+/- acres, of a 5.3-acre parcel, from RSF-1 to RR to allow expansion of an existing storage facility.

Location: The subject property is located on the west side of State Highway 225, in Planning District 4.

8. Consideration of Applications and Requests: ***Subdivision Cases***

a.) Case S-20078 BFLC 63762 PH I, Development Permit Approval

Disclosure of Prior Outside Communication –Pursuant to Article VI, Section 15(b), Planning Commission By-Laws

Purpose: The applicant is requesting Development Permit Approval to allow development of a 5-lot subdivision on 57.01 acres.

Location: The subject property is located on the east side of County Road 64 approximately 0.50 miles from Oasis Blvd and Waterworld Road in the Wilcox area.

b.) Case S-20080 BFLC 63761 PH I, Development Permit Approval

Disclosure of Prior Outside Communication –Pursuant to Article VI, Section 15(b), Planning Commission By-Laws

Purpose: The applicant is requesting Development Permit Approval to allow development of a 5-lot subdivision on 77.3 acres.

Location: The subject property is located between County Road 64 and County Road 87 on south side of Linholm Road and on the east side of Goat Cooper Road in the Wilcox area.

c.) Case S-20082 BFLC 63758 PH I, Development Permit Approval

Disclosure of Prior Outside Communication –Pursuant to Article VI, Section 15(b), Planning Commission By-Laws

Purpose: The applicant is requesting Development Permit Approval to allow development of a 5-lot subdivision on 52.04 acres.

Location: The subject property is located between County Road 64 and County Road 87 on the north side of Linholm Road and on the east side of Peter Morris Road in the Wilcox area.

d.) Case S-20083 BFLC 63758 PH II, Development Permit Approval

Disclosure of Prior Outside Communication –Pursuant to Article VI, Section 15(b), Planning Commission By-Laws

Purpose: The applicant is requesting Development Permit Approval to allow development of a 5-lot subdivision on 140.9 acres.

Location: The subject property is located between County Road 64 and County Road 87 on the south side of Linholm Road in the Wilcox area.

e.) Case S-20088 BFLC 63773 PH II, Development Permit Approval

Disclosure of Prior Outside Communication –Pursuant to Article VI, Section 15(b), Planning Commission By-Laws

Purpose: The applicant is requesting Development Permit Approval to allow development of a 5-lot subdivision on 126.47 acres.

Location: The subject property is located on the west side of County Road 87 approximately 0.75 miles south of the I-10 overpass.

f.) Case S-20089 BFLC 63775 PH I, Development Permit Approval

Disclosure of Prior Outside Communication –Pursuant to Article VI, Section 15(b), Planning Commission By-Laws

Purpose: The applicant is requesting Development Permit Approval to allow development of a 5-lot subdivision on 86.15 acres.

Location: The subject property is located on the east side of County Road 87 approximately 1.5 miles north of the I-10 overpass.

g.) Case S-20091 Ali Acres, Development Permit Approval

Disclosure of Prior Outside Communication –Pursuant to Article VI, Section 15(b), Planning Commission By-Laws

Purpose: The applicant is requesting Development Permit Approval to allow development of a 5-lot subdivision on 17.03 acres.

Location: The subject property is located on the south side of County Road 38 approximately 1.3 miles west of County Road 87 in the Summerdale area.

h.) Case S-20092 Moye Subdivision, Variance Request

Disclosure of Prior Outside Communication –Pursuant to Article VI, Section 15(b), Planning Commission By-Laws

Purpose: The applicant is requesting a variance form the Baldwin County Subdivision Regulations as it pertains to roads.

Location: The subject property is located between Propst Road and US Hwy 31.

i.) Case S-20092 Moye Subdivision, Development Permit Approval

Disclosure of Prior Outside Communication –Pursuant to Article VI, Section 15(b), Planning Commission By-Laws

Purpose: The applicant is requesting Development Permit Approval to allow development of a 2-lot subdivision on 26.09 acres.

Location: The subject property is located between Propst Road and US Hwy 31,

j.) Case S-20093 Sonora Acres, Development Permit Approval

Disclosure of Prior Outside Communication –Pursuant to Article VI, Section 15(b), Planning Commission By-Laws

Purpose: The applicant is requesting Development Permit Approval to allow development of a 2-lot subdivision on 44.0 acres.

Location: The subject property is located on the south side of County Road 28 between Lillie Lane and Vic Mikkelsen Road approximately 0.75 miles west of County Road 55 in the Summerdale area.

k.) Case S-20094 West Ridge Estates, Development Permit Approval

Disclosure of Prior Outside Communication –Pursuant to Article VI, Section 15(b), Planning Commission By-Laws

Purpose: The applicant is requesting Development Permit Approval to allow development of a 4-lot subdivision on 26.22-acres.

Location: The subject property is located on the west side of County Road 87 between Seed Orchard Road and Allen Road approximately 1.75 miles north of Linholm Road.

l.) Case S-20097 BFLC 63773 PH I, Development Permit Approval

Disclosure of Prior Outside Communication –Pursuant to Article VI, Section 15(b), Planning Commission By-Laws

Purpose: The applicant is requesting Development Permit Approval to allow development of a 5-lot subdivision on 151.03 acres.

Location: The subject property is located on the west side of County Road 87 south of the I-10 overpass.

9. Old Business:

10. New Business:

11. Public Comments

12. Reports and Announcements:

Staff Reports

Legal Counsel Report

Next Regular Meeting: *January 7, 2021*

13. Adjournment.

Baldwin County Planning & Zoning Department

Baldwin County Planning Commission Staff Report

Agenda Item 7.a
Case No. Z-20044
Dan & Dan LLC Property
Rezone RA, Rural Agricultural District to B-3, General Business District
December 3, 2020

Subject Property Information

Planning District:	22
General Location:	Southeast Corner of US Highway 98 and County Road 95
Physical Address:	12990 County Road 95
Parcel Number:	05-53-07-26-0-000-004.000
Existing Zoning:	RA, Rural Agricultural District
Proposed Zoning:	B-3, General Business District
Existing Land Use:	Undeveloped
Proposed Land Use:	Convenience Store and Gas Station
Acreage:	3.00± acres
Applicant:	Hetal Patel 4088 Craigend Loop Gulf Shores, AL 36542
Owner:	Dan & Dan LLC PO Box 3185 Carmel, IN 46082
Lead Staff:	Linda Lee, Planner
Attachments:	*Within Report*

	Adjacent Land Use	Adjacent Zoning
North	Agricultural	B-2, Neighborhood Business District
South	Residential	RA, Rural Agricultural District
East	Residential and Agricultural	B-2, Neighborhood Business District RA, Rural Agricultural District
West	Commercial and Residential	B-3, General Business District RA, Rural Agricultural District

Summary

The subject property is currently zoned RA, Rural Agricultural District, and is undeveloped. The property adjoins State Highway 98 to the north and County Road 95 to the west. The adjoining properties are agricultural, commercial, and residential. The requested zoning designation is B-3, General Business District. According to the submitted information, the purpose of this request is to allow for a convenience store and gas station.

Section 3.2 RA Rural Agricultural District

3.2.1 *Generally*. This zoning district provides for large, open, unsubdivided land that is vacant or is being used for agricultural, forest or other rural purposes.

3.2.2 *Permitted uses*. Except as provided by *Section 2.3: Establishment of Zoning in Planning Districts*, the following uses and structures designed for such uses shall be permitted:

(a) The following general industrial uses: extraction or removal of natural resources on or under land.

(b) The following transportation, communication, and utility uses: water well (public or private).

(c) Outdoor recreation uses.

(d) The following general commercial uses: animal clinic and/or kennel; farm implement sales; farmers market/truck crops; nursery; landscape sales; country club.

(e) The following local commercial uses: fruit and produce store.

(f) The following institutional uses: church or similar religious facility; school (public or private).

(g) Agricultural uses.

(h) Single family dwellings including manufactured housing and mobile homes.

(i) Accessory structures and uses.

3.2.3 *Special exceptions*. Except as provided by *Section 2.3: Establishment of Zoning in Planning Districts*, the following uses and structures designed for such uses may be allowed as special exceptions:

(a) The following general commercial uses: recreational vehicle park (see *Section 13.9: Recreational Vehicle Parks*).

(b) The following local commercial uses: bed and breakfast or tourist home (see *Section 13.11: Bed and Breakfast Establishments*).

3.2.4 *Conditional uses.* Except as provided by *Section 2.3: Establishment of Zoning in Planning Districts*, the following uses and structures designed for such uses may be allowed as conditional uses:

(a) Transportation, communication, and utility uses not permitted by right.

(b) Institutional uses not permitted by right.

3.2.5 *Area and dimensional ordinances*. Except as provided by *Section 2.3: Establishment of Zoning in Planning Districts, Section 12.4: Height Modifications, Section 12.5: Yard Requirements, Section 12.6: Coastal Areas, Section 12.8: Highway Construction Setbacks, Section 18.6 Variances,* and *Article 20: Nonconformities,* the area and dimensional ordinances set forth below shall be observed.

Maximum Height of Structure in Feet	35
Minimum Front Yard	40-Feet
Minimum Rear Yard	40-Feet
Minimum Side Yards	15-Feet
Minimum Lot Area	3 Acres

Minimum Lot Width at Building Line	210-Feet
Minimum Lot Width at Street Line	210-Feet

3.2.6 *Area and dimensional modifications*. Within the RA district, area and dimensional requirements may be reduced, as set forth below, where property is divided among the following legally related family members: spouse, children, siblings, parents, grandparents, grandchildren, or step-related individuals of the same status.

Minimum Front Yard	30-Feet
Minimum Rear Yard	30-Feet
Minimum Side Yards	10-Feet
Minimum Lot Area	40,000 Square Feet
Minimum Lot Width at Building Line	120-Feet
Minimum Lot Width at Street Line	120-Feet

Proposed Zoning Requirements

Section 5.3 B-3, General Business District

5.3.1 *Purpose and intent.* The purpose of this district is to provide for a variety of retail uses and services in free-standing parcels or shopping centers to serve the community's general commercial needs. This district shall only be applied at appropriate locations: to conveniently meet these needs; in conformance with the goals, objectives and policies and location criteria of the Comprehensive Plan; compatible with the surrounding land uses and zoning districts; where it will not adversely impact the facilities and services of the County; where it will not set a precedent for the introduction of inappropriate uses into an area; and so as not to encourage non-residential strip development along streets

5.3.2 *Permitted uses.* The following uses are permitted as of right, or as uses accessory to permitted uses in the B-3, General Business District:

(a) All uses permitted by right under the B-2 zoning designation
(b) Air conditioning sales and service
(c) Amusement arcade
(d) Animal clinic/kennel
(e) Arboretum
(f) Auto convenience market
(g) Automobile service station
(h) Bakery, wholesale
(i) Ball field
(j) Bicycle sales and service
(k) Bowling alley
(l) Business machine sales and service
(m) Business school or college
(n) Butane gas sales
(o) Cemetery
(p) City hall or courthouse
(q) Country club
(r) Department store
(s) Discount/variety store
(t) Drug store
(u) Elevator maintenance service
(v) Exterminator service office
(w) Farmer's market/truck crops
(x) Firing range
(y) Fitness center or gym
(z) Florist
(aa) Fraternity or sorority house
(bb) Fruit and produce store
(cc) Funeral home
(dd) Golf course
(ee) Golf driving range
(ff) Grocery store
(gg) Landscape sales
(hh) Marine store and supplies
(ii) Miniature golf
(jj) Mini-warehouse
(kk) Night club, bar, tavern
(ll) Nursery
(mm) Office equipment and supplies sales
(nn) Park or playground
(oo) Pawn shop
(pp) Pet shop
(qq) Plumbing shop
(rr) Printing/publishing establishment
(ss) Restaurant sales and supplies
(tt) Riding academy

(uu) Rug and/or drapery cleaning service
(vv) Seafood store
(ww) Sign shop
(xx) Skating rink
(yy) Stone monument sales
(zz) Swimming pool (outdoor)
(aaa) Taxidermy
(bbb) Teen club or youth center
(ccc) Tennis court (outdoor)
(ddd) Wildlife sanctuary
(eee) YMCA, YWCA

5.3.3 *Conditional uses.* The following uses are permissible as conditional uses in the B-3: General Commercial District, subject to the standards and procedures established in *Section 18.11: Conditional Use*:

(a) Airport
(b) Ambulance/EMS service
(c) Amusement park
(d) Armory
(e) Auditorium, stadium, coliseum
(f) Automobile parts sales
(g) Automobile repair (mechanical and body)
(h) Automobile storage (parking lot, parking garage)
(i) Barge docking
(j) Boat sales and service
(k) Broadcasting station
(l) Building materials
(m) Bus and railroad terminal facility
(n) College or university
(o) Convalescent or nursing home
(p) Correctional or penal institution
(q) Dog pound
(r) Electric power substations
(s) Farm implements
(t) Flea market
(u) Freight depot, rail or truck
(v) Home improvement center
(w) Hotel or motel
(x) Hospital
(y) Landfill
(z) Maintenance facility/storage yard for schools, government agencies, and telephone and cable companies
(aa) Manufactured housing sales, service and repair
(bb) Marina
(cc) Motorcycle sales service and repair
(dd) Movie theatre
(ee) Radio/television tower
(ff) Railroad facility
(gg) Recreational vehicle park
(hh) Recreational vehicle sales service, and repair
(ii) Restaurant, drive-in
(jj) Restaurant, fast-food
(kk) Sewage treatment plat
(ll) Taxi dispatching station
(mm) Taxi terminal
(nn) Telephone exchange
(oo) Water or sewage pumping station
(pp) Water storage tank
(qq) Wireless telecommunication facility
(rr) Zoo

5.3.4 *Area and dimensional ordinances.*

Maximum Height of Structure in Feet	40
Maximum Height of Structure in Habitable Stories	3
Minimum Front Yard	40-Feet
Minimum Rear Yard	25-Feet
Minimum Side Yards	15-Feet
Minimum Lot Area	20,000 Square Feet
Maximum Impervious Surface Ratio	.70
Minimum Lot Width at Building Line	80-Feet
Minimum Lot Width at Street Line	60-Feet

5.3.5 *Lighting standards*. The maximum height of exterior lights shall be 25-feet. The intensity, location, and design of lighting shall be such that not more than one foot candle of light is cast upon adjacent property or public rights-of-way. Light fixtures shall be designed to cast light downward. Where

necessary, cut-off devices shall be used to minimize glare off premises. No light shall be aimed directly toward a property designated residential, which is located within 200-feet of the source of the light.

5.3.6 *Distance between structures.* If there is a separation between any two principal structures on the same parcel, said separation shall be a minimum of 15-feet or a distance equal to one-half the sum of their heights, whichever is the greater.

5.3.7 *Landscaping and buffering.* All B-3, General Business District, uses shall meet the requirements of *Article 17: Landscaping and Buffers*.

Agency Comments

Baldwin County Highway Department: No comments received.

Army Corps of Engineers: No comments received.

ADEM: No comments received.

Baldwin County Subdivision Department:
From: Alfreda Jeffords <Weesie.Jeffords@baldwincountyal.gov>
Sent: Friday, November 20, 2020 12:58 PM
To: D Hart <DHart@baldwincountyal.gov>

Subject: RE: December Planning Commission Cases

DJ,

For Case Z-20044:
The property has frontage on both US 98 and County Rd 95. US 98 is maintained by the State, is a principle arterial route, has a highway construction setback of 125ft from the centerline of the ROW, and will require coordination with ALDOT for access.
County Rd 95 is maintained by Baldwin County, is a minor collector at the location, has a highway construction setback of 50ft from the centerline of ROW, and would require a commercial access permit though our Highway Department. The convenience store proposed usage will require a traffic impact study per the permit requirements.

Thanks,
Weesie

Municipality: No comments received

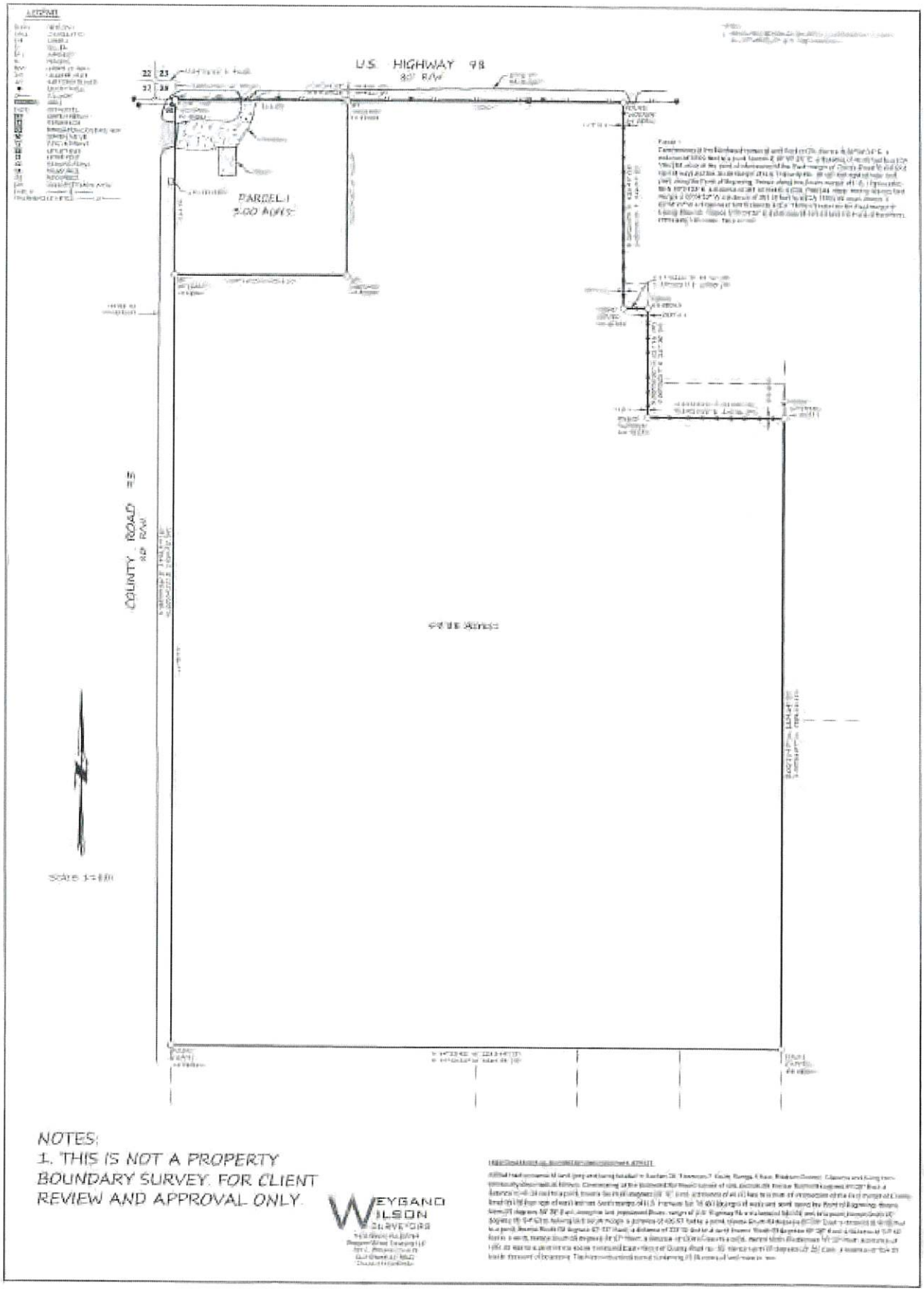
Alabama Department of Transportation:
From: Smith, Michael <smithmi@dot.state.al.us>
Sent: Monday, November 16, 2020 1:30 PM
To: D Hart <DHart@baldwincountyal.gov>
Subject: RE: December Planning Commission cases

Good afternoon DJ,
As always, thanks for the notice on these.

Z-20044: ALDOT will need to see a site plan for final determination of the requirement, however, the existing access to US 98 will not be allowed to remain in its current location. It will likely be required shifting to the east, and may be deemed directional only, unless additional widening is performed by the developer to allow for extension of the WB left turn lane. Again, without a site plan it is hard to say at this stage, but this gives you an idea of requirements.

MICHAEL SMITH
AREA PERMIT MNGR.
OFFICE: 251-470-8273
CELL: 251-331-0104

Survey


U.S. HIGHWAY 98
80' R/W
PARCEL I
5.00 ACRES
COUNTY ROAD 15
60' R/W
NOTES:
1. THIS IS NOT A PROPERTY BOUNDARY SURVEY. FOR CLIENT REVIEW AND APPROVAL ONLY.
WEYBAND WILSON SURVEYORS

Staff Analysis and Findings

The following factors for reviewing zoning amendments are found in Section 19.6 of the *Baldwin County Zoning Ordinance*. These factors are to be considered when an application is being reviewed for rezoning.

1.) Is the requested change compatible with the existing development pattern and the zoning of nearby properties?

The subject property is currently zoned RA, Rural Agricultural District, and is undeveloped. The requested zoning designation is B-3, General Business District. The adjacent properties are zoned RA, B-2 and B-3. The adjacent uses are commercial, residential and agricultural. There are B-3 zoned properties adjacent to this property to the west. The requested change is compatible with the existing zoning of nearby properties.

2.) Has there been a change in the conditions upon which the original zoning designation was based? Have land uses or conditions changed since the zoning was established?

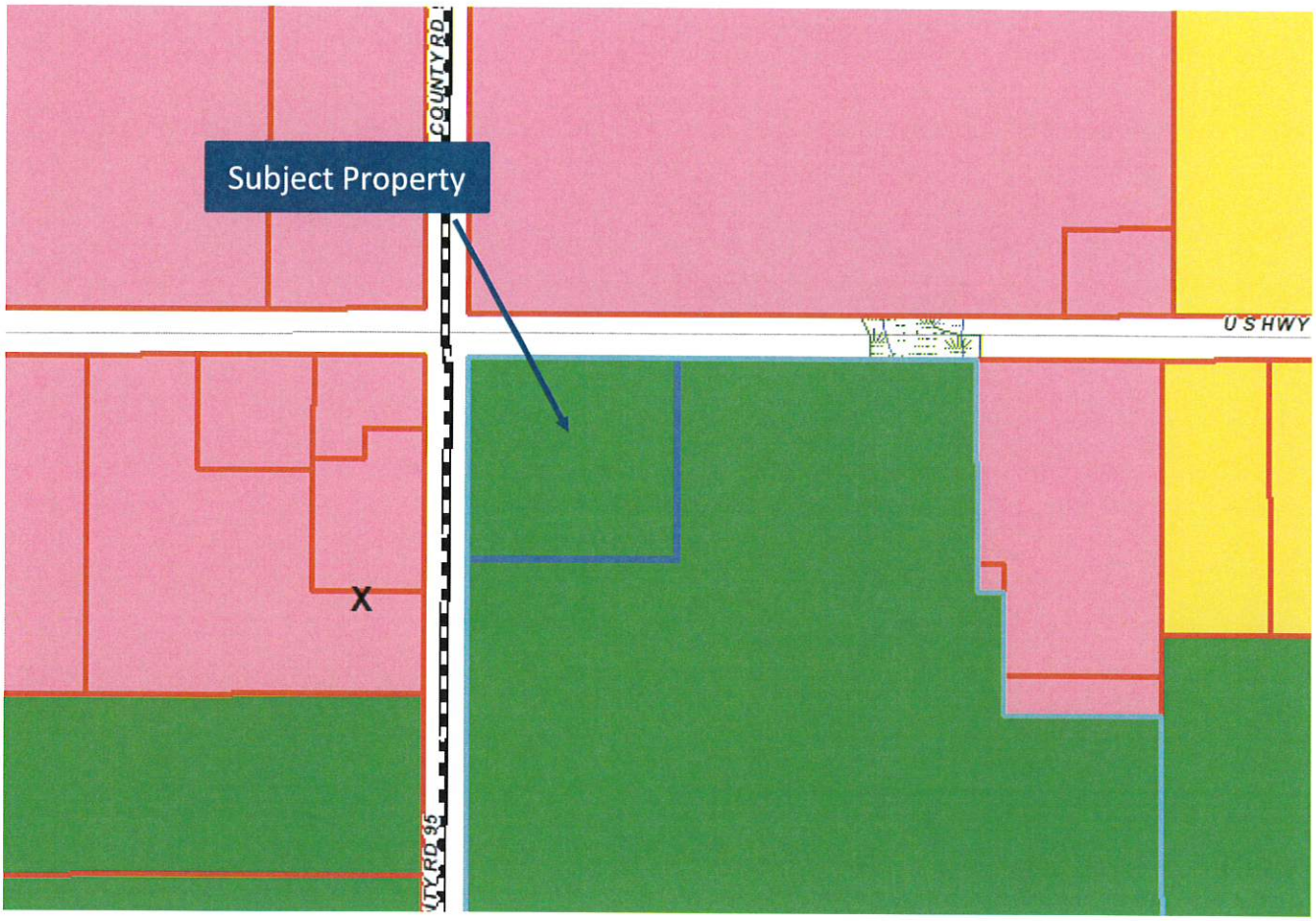
Planning District 22 was zoned in November 2002. The subject property was zoned RA, Rural Agricultural District at that time. There have been numerous re-zonings to commercial designations on US Hwy 98 since that time.

3.) Does the proposed zoning better conform to the Master Plan?

The Baldwin County Master Plan, 2013, provides future land use designations for properties located within the zoned areas of the County. These categories represent the recommendations for the physical development of the unincorporated areas of the County. They are intended for planning purposes only and do not represent the adoption of zoning designations for areas which have not voted their desire to come under the zoning authority of the Baldwin County Commission. Although not legally binding, the future land use designations are evaluated in conjunction with criteria found in the Baldwin County Zoning Ordinance (Zoning Ordinance), the Baldwin County Subdivision Regulations, the Baldwin County Flood Damage Prevention Ordinance and any other ordinances and regulations which the County Commission may adopt.

A future land use designation of Agricultural has been provided for the subject property. Agriculture, forestry and similar activities are included with this future land use category. Single family dwellings, institutional uses, recreational uses, limited commercial uses which are intended to serve a rural area and transportation, communication and utility uses are also included subject to the requirements found within the Zoning Ordinance. This category is designed to protect the essential open character of rural areas until it is timely to reclassify the land to appropriate residential, commercial or industrial categories. Zoning designations may include RR, CR, RA and RSF-E.

Approval of the rezoning will result in an amendment of the Future Land Use Map to commercial. The commercial category is provided for retail and wholesale trade facilities which offer convenience and other types of goods and services. Institutional uses, recreational uses, mixed-use developments and transportation, communication and utility uses may be included in accordance with the Zoning Ordinance. Multiple family developments may also be included. Commercial uses should be located on major streets so as to be accessible to the residential population. Zoning designations may include RR, B-1, B-2, B-3, B-4, MR and TR.
The proposed zoning designation conforms to the Master Plan.



4.) Will the proposed change conflict with existing or planned public improvements?

Staff is unaware of any planned public improvements.

5.) Will the proposed change adversely affect traffic patterns or congestion?

Per the Federal Highway Administration, the functional classification of US Highway 98 is principal arterial. These roadways serve major centers of metropolitan areas, provide a high degree of mobility and can also provide mobility through rural areas. Unlike their access-controlled counterparts, abutting land uses can be served directly. Forms of access for Other Principal Arterial roadways include driveways to specific parcels and at-grade intersections with other roadways. For the most part, roadways that fall into the top three functional classification categories (Interstate, Other Freeways & Expressways and Other Principal Arterials) provide similar service in both urban and rural areas. The primary difference is that there are usually multiple Arterial routes serving a particular urban area, radiating out from the urban center to serve the surrounding region. In contrast, an expanse of a rural area of equal size would be served by a single Arterial. The functional classification of County Road 95 is minor collector. Collectors gather traffic from local roads and funnel them to the arterial network. Minor Collectors generally serve primarily intra-county travel and constitute those routes on which predominant travel distances are shorter than on arterial routes. The traffic going to and from the convenience store/gas station could have an impact on traffic patterns or congestion. Access to this site would require approval from the Alabama Department of Transportation and/or the Baldwin County Highway Department.

6.) Is the proposed amendment consistent with the development patterns in the area and appropriate for orderly development of the community? The cost of land or other economic considerations pertaining to the applicant shall not be a consideration in reviewing the request.

There are B-3 zoned properties with frontage on State Highway 98 west and east of this property. The requested change is consistent with the development patterns in the area.

7.) Is the proposed amendment the logical expansion of adjacent zoning districts?

This area of Planning District 22 consists of commercial, residential and agricultural zoning districts. The other three properties at this intersection are zoned commercial. There are numerous commercial uses in this area, therefore the requested change is a logical expansion of adjacent zoning districts.

8.) Is the timing of the request appropriate given the development trends in the area?

Staff believes that timing is appropriate given development trends in the area.

9.) Will the proposed change adversely impact the environmental conditions of the vicinity or the historic resources of the County?

Staff is unaware of any environmental conditions or historic resources that would be adversely impacted by this request. The Alabama Department of Environmental Management (ADEM) provided no comments.

10.) Will the proposed change adversely affect the health, safety and welfare of the County and the vicinity?

Staff anticipates no adverse impacts. Access to this site would require approval from the Alabama Department of Transportation (ALDOT) and/or the Baldwin County Highway Department. Development of the property will be considered as a major project. Prior to the issuance of a Land Use Certificate, staff will evaluate all submitted materials, including building plans, drainage plans, landscaping plans, buffers and site plans in order to ensure compliance with the requirements of the zoning ordinance.

11.) Other matters which may be appropriate.

The Highway Construction Setback for State Highway 98 is 125 feet from the centerline of the right-of-way. The Highway Construction Setback for County Road 95 is 50 feet from the centerline of the right-of-way.

A landscaping buffer of 25-feet will be required on the south and east property lines adjacent to rural zoning.

Staff Comments and Recommendation

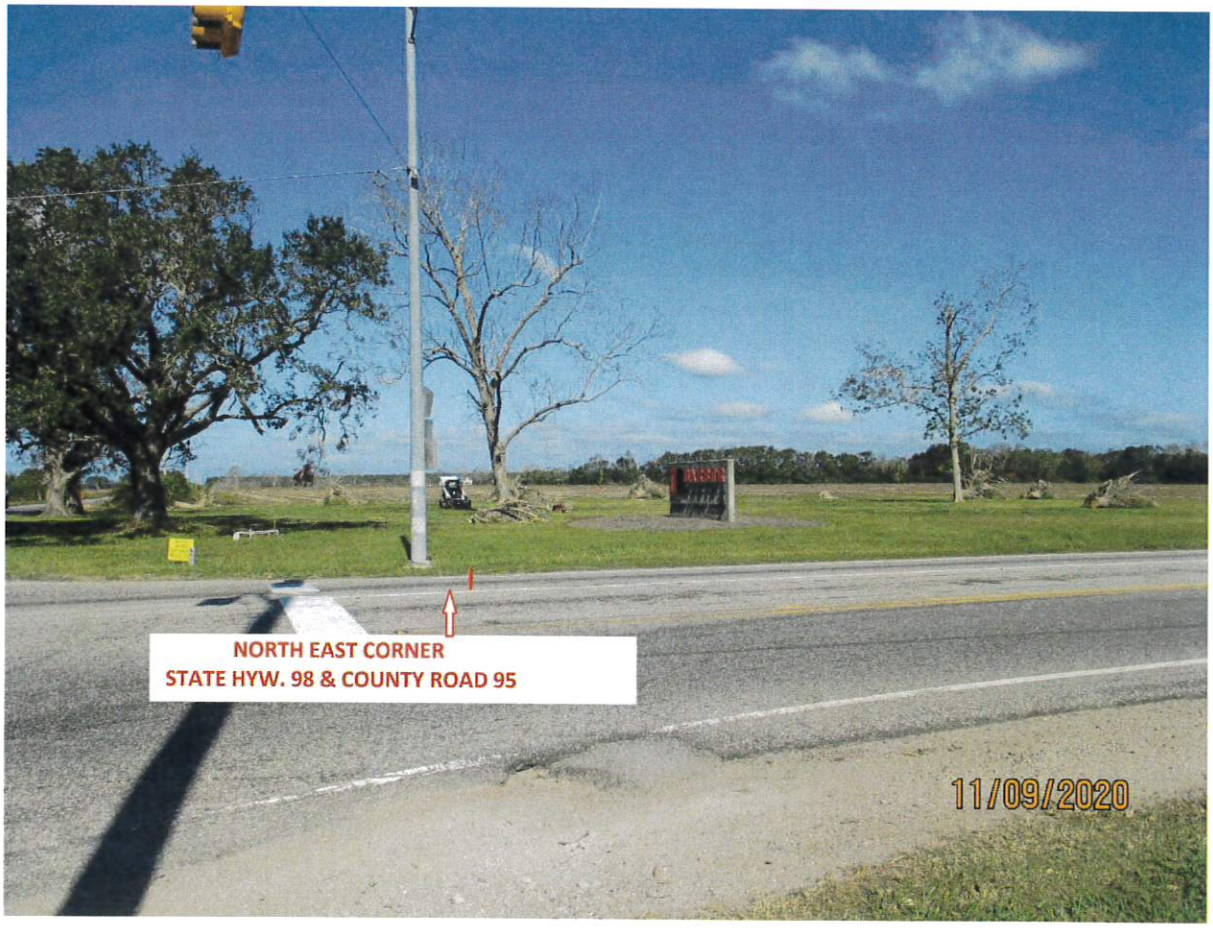
As stated previously, the subject property is currently zoned RA, Rural Agricultural District, and is undeveloped. The property adjoins State Highway 98 to the north and County Road 95 to the west. The adjoining properties are agricultural, commercial, and residential. The requested zoning designation is B-3, General Business District. According to the submitted information, the purpose of this request is to allow for a convenience store and gas station.

Unless information to the contrary is revealed at the public hearing, staff feels this rezoning application should be recommended for **APPROVAL**.*

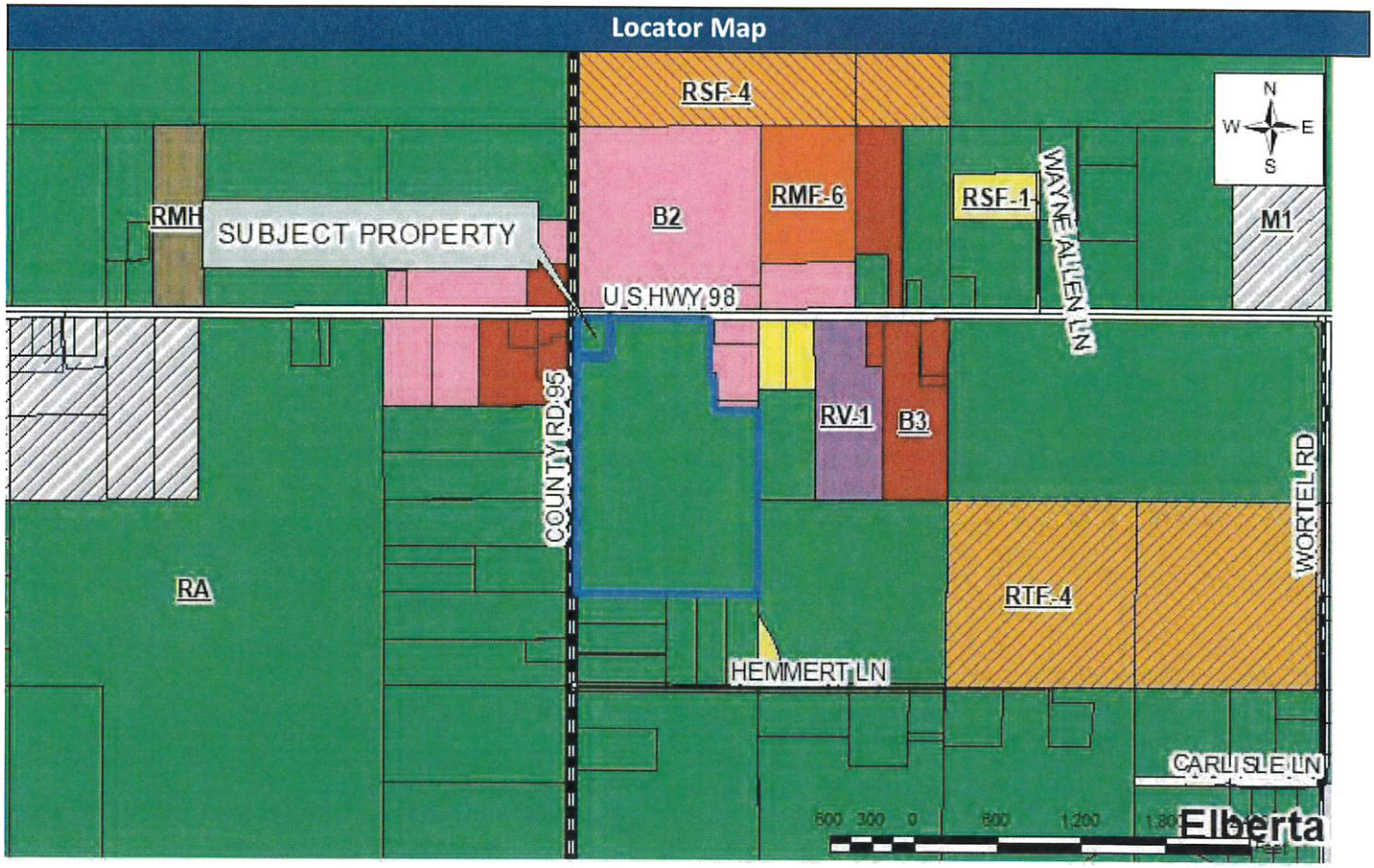
**On rezoning applications, the Planning Commission will be making a recommendation to the County Commission.*

Property Images

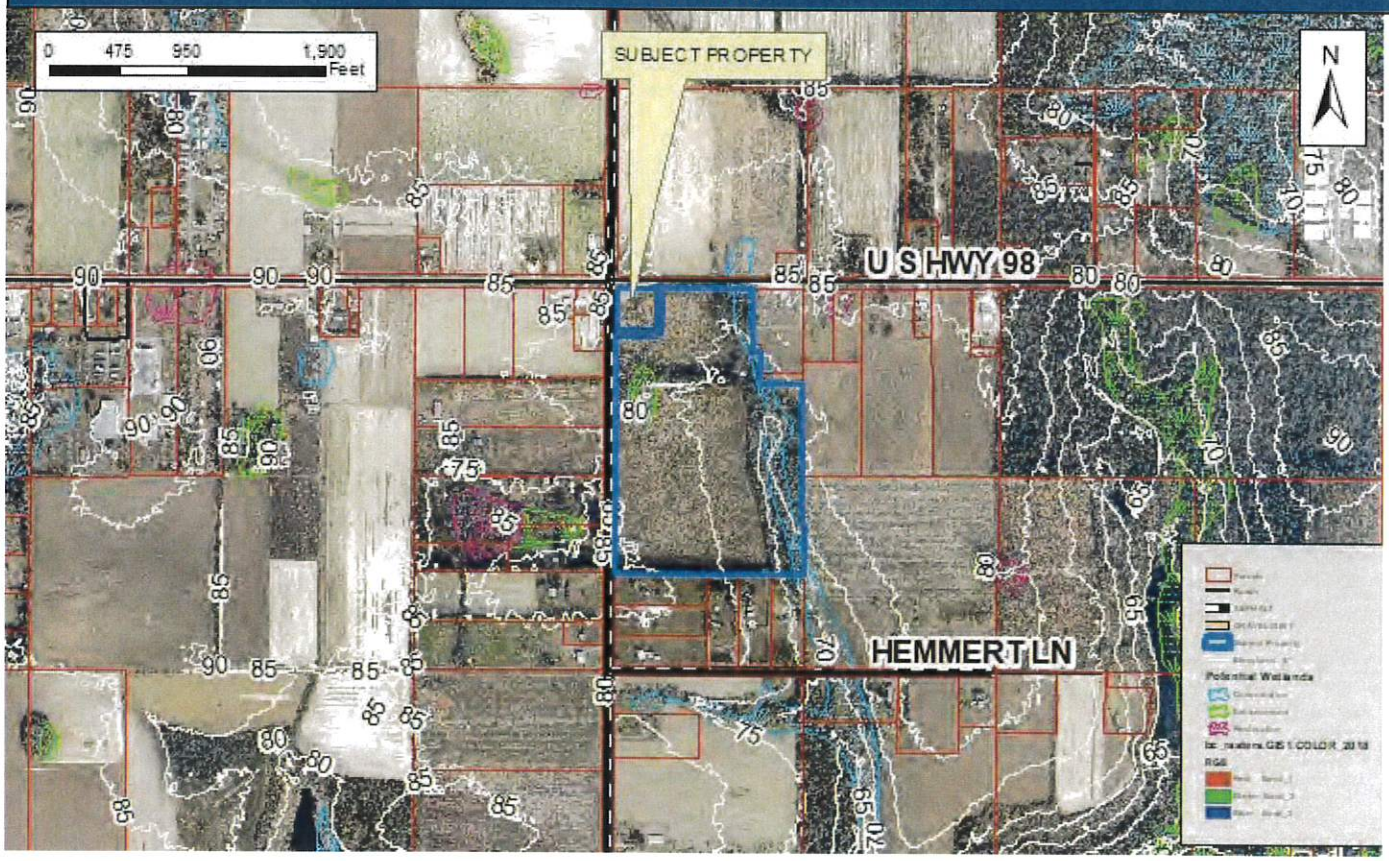
NORTH WEST CORNER
STATE HWY. 98 & COUNTY ROAD 95
11/09/2020


NORTH EAST CORNER
STATE HYW. 98 & COUNTY ROAD 95
11/09/2020

Locator Map



Site Map



BALDWIN COUNTY COMMISSION #1
PLANNING AND ZONING BOARD OF ADJUSTMENT

2020
MEETING DATES
&
APPLICATION DEADLINE DATES

Meeting time: 10:00 a.m.
Meeting location: Baldwin County Administration Conference Room, Bay Minette

All applications to be considered by the Baldwin County Commission #1 Planning and Zoning Board of Adjustment shall be submitted no later than 4:30 p.m. on the deadline date listed below. *There will be no exceptions*.

MEETING DATE	STAFF REPORTS DUE	APPLICATION DEADLINE DATE
January 29, 2020		January 7, 2020
February 26, 2020		February 3, 2020
March 25, 2020		March 4, 2020
April 29, 2020		April 7, 2020
May 27, 2020		May 5, 2020
June 24, 2020		June 3, 2020
July 29, 2020		July 8, 2020
August 26, 2020		August 5, 2020
September 30, 2020		September 9, 2020
October 28, 2020		October 7, 2020
November 18, 2020		October 27, 2020
December 30, 2020		December 7, 2020

Dates may differ from original meeting dates and/or application deadline dates due to holidays, and may be subject to change upon request by the Chairman of the Board. U:\Zoning\Board of Adjustment - Baldwin County Commission 1 (North End)\Deadline and Meeting Calendar 2020

BALDWIN COUNTY COMMISSION #2
PLANNING AND ZONING BOARD OF ADJUSTMENT

2020
MEETING DATES
&
APPLICATION DEADLINE DATES

Meeting time: 4:00 p.m.
Meeting location: Baldwin County Central Annex Auditorium

All applications to be considered by the Baldwin County Commission #2 Planning and Zoning Board of Adjustment shall be submitted no later than 4:30p.m. on the deadline date listed below. *There will be no exceptions*.

MEETING DATE	STAFF REPORTS DUE	APPLICATION DEADLINE DATE
January 13, 2020		December 27, 2019
February 10, 2020		January 17, 2020
March 9, 2020		February 14, 2020
April 13, 2020		March 20, 2020
May 11, 2020		April 20, 2020
June 8, 2020		May 15, 2020
July 13, 2020		June 19, 2020
August 10, 2020		July 20, 2020
September 14, 2020		August 21, 2020
October 12, 2020		September 21, 2020
November 9 2020		October 19, 2020
December 14, 2020		November 19, 2020

Dates may differ from original meeting dates and/or application deadline dates due to holidays, and may be subject to change upon request by the Chairman of the Board.
U:\Zoning\Board of Adjustment - Baldwin County Commission 2 (Eastern Shore)\Deadline and Meeting Calendar 2020

BALDWIN COUNTY COMMISSION #3
PLANNING AND ZONING BOARD OF ADJUSTMENT

2020
MEETING DATES
&
APPLICATION DEADLINE DATES

Meeting time: 4:00 p.m.
Meeting location: Baldwin County Central Annex

All applications to be considered by the Baldwin County Commission #3 Planning and Zoning Board of Adjustment shall be submitted no later than 4:30 p.m. on the deadline date listed below. *There will be no exceptions*.

MEETING DATE	STAFF REPORTS DUE	APPLICATION DEADLINE DATE
January 27, 2020		January 3, 2020
February 24, 2020		January 31, 2020
March 16, 2020		February 21, 2020
April 20, 2020		March 27, 2020
May 18, 2020		April 27, 2020
June 15, 2020		May 22, 2020
July 20, 2020		June 26, 2020
August 17, 2020		July 27, 2020
September 21, 2020		August 28, 2020
October 19, 2020		September 28, 2020
November 16 2020		October 23, 2020
December 21, 2020		November 20, 2020

Dates may differ from original meeting dates and/or application deadline dates due to holidays, and may be subject to change upon request by the Chairman of the Board.
U:\Zoning\Board of Adjustment - Baldwin County Commission 3 (Central Baldwin)\Deadline and Meeting Calendar 2020

BALDWIN COUNTY COMMISSION #4
PLANNING AND ZONING BOARD OF ADJUSTMENT

2020
MEETING DATES
&
APPLICATION DEADLINE DATES

Meeting time: 3:30 p.m.
Meeting location: Foley Satellite Courthouse Large Meeting Hall

All applications to be considered by the Baldwin County Commission #4 Planning and Zoning Board of Adjustment shall be submitted no later than 4:30 p.m. on the deadline date listed below. *There will be no exceptions*.

MEETING DATE	STAFF REPORTS DUE	APPLICATION DEADLINE DATE
January 9, 2020		December 16, 2019
February 13, 2020		January 23, 2020
March 12, 2020		February 19, 2020
April 9, 2020		March 19, 2020
May 14, 2020		April 23, 2020
June 11, 2020		May 20, 2020
July 9, 2020		June 24 2020
August 13, 2020		July 23, 2020
September 10, 2020		August 19, 2020
October 8, 2020		September 17, 2020
November 12, 2020		October 21, 2020
December 10, 2020		November 17, 2020

Dates may differ from original meeting dates and/or application deadline dates due to holidays, and may be subject to change upon request by the Chairman of the Board.
U:\Zoning\Board of Adjustment - Baldwin County Commission 4 (South end) Deadline and Meeting Calendar 2020

BALDWIN COUNTY PLANNING AND ZONING
BOARD OF ADJUSTMENT NUMBER 1

2021
MEETING DATES
&
APPLICATION DEADLINE DATES

Meeting time: 4:00 p.m.
Meeting location: Baldwin County Central Annex Auditorium

All applications to be considered by the Baldwin County Planning and Zoning Board of Adjustment Number 1 shall be submitted no later than 4:30p.m. on the deadline date listed below. *There will be no exceptions*.

MEETING DATE		APPLICATION DEADLINE DATE
*January 20, 2021		December 23, 2020
*February 22, 2021		January 28, 2021
*March 15, 2021		February 22, 2021
April 20, 2021		March 29, 2021
May 18, 2021		April 27, 2021
June 15, 2021		May 24, 2021
July 20, 2021		June 28, 2021
August 17, 2021		July 27, 2021
*September 20, 2021		August 27, 2021
October 19, 2021		September 28, 2021
November 16 2021		October 26, 2021
December 21, 2021		November 30, 2021

Dates may differ from original meeting dates and/or application deadline dates due to holidays and may be subject to change upon request by the Chairman of the Board.
U:\Zoning\Board of Adjustment Number 1 Deadline and Meeting Calendar 2021

BALDWIN COUNTY PLANNING AND ZONING
BOARD OF ADJUSTMENT NUMBER 2

2021
MEETING DATES
&
APPLICATION DEADLINE DATES

Meeting time: 3:30 p.m.
Meeting location: Foley Satellite Courthouse Large Meeting Hall

All applications to be considered by the Baldwin County Commission #4 Planning and Zoning Board of Adjustment shall be submitted no later than 4:30 p.m. on the deadline date listed below. *There will be no exceptions*.

MEETING DATE	STAFF REPORTS DUE	APPLICATION DEADLINE DATE
January 14, 2021		December 21, 2020
February 11, 2021		January 21, 2021
March 11, 2021		February 18, 2021
April 8, 2021		March 17, 2021
May 13, 2021		April 22, 2021
June 10, 2021		May 19, 2021
July 8, 2021		June 16 2021
August 12, 2021		July 22, 2021
September 9, 2021		August 18, 2021
October 14, 2021		September 23, 2021
November 4, 2021		October 14, 2021
December 9, 2021		November 16, 2021

Dates may differ from original meeting dates and/or application deadline dates due to holidays and may be subject to change upon request by the Chairman of the Board.
U:\Zoning\Board of Adjustment - Baldwin County Commission 4 (South end) Deadline and Meeting Calendar 2021

COUNTY COMMISSION
BALDWIN COUNTY

312 Courthouse Square, Suite 12
Bay Minette, Alabama 36507
(251) 937-0264 Main
(251) 580-2500 Fax

www.baldwincountyal.gov

Anu Gary
Administrative Services Manager
agary@baldwincountyal.gov
(251) 580-2564

Monica English
Assistant Administrative Services Manager
mtaylor@baldwincountyal.gov
(251) 580-1696

November 6, 2020

Ms. Katherine Shepard
County Extension Coordinator
Alabama Extension Service
302A Byrne Street
Bay Minette, Alabama 36507

RE: Appropriation Agreements Aligned to the Baldwin County Fiscal Year 2020-2021 Budget

Dear Ms. Shepard:

Please find enclosed two **fully executed <u>original</u>** *Agreements* for dissemination approved during the September 22, 2020, Baldwin County Commission meeting, with the below indicated entity to appropriate county public funds for activities benefiting a myriad of public purposes as set forth within the *Agreement*:

Alabama Extension Service/Alabama Cooperative Extension System
($53,854; $852 non-conveyable)

The term of the *Agreement* shall commence October 1, 2020, and expire September 30, 2021, and may be terminated per the parameters as set forth therein.

If you have not received a check within forty-five (45) days of receipt of this correspondence, please contact Eva Cutsinger, Senior Accountant, at (251) 580-2521.

If you have any questions or need further assistance, please do not hesitate to contact Christie Davis, Senior Budget Accountant, at (251) 972-8552.

Sincerely,

Monica English

MONICA ENGLISH
Assistant Administrative Services Manager
Baldwin County Commission

ME/vk Item BE13

cc: Christie Davis
Ron Cink
Cian Harrison
Eva Cutsinger

ENCLOSURE(S)

STATE OF ALABAMA)

COUNTY OF BALDWIN)

RECEIVED
NOV 04 2020
BY: Monica Ingle

AGREEMENT

THIS AGREEMENT ("Agreement") is entered into between the ALABAMA EXTENSION SERVICE / ALABAMA COOPERATIVE EXTENSION SYSTEM (hereinafter referred to as "ACES"), and the BALDWIN COUNTY COMMISSION, the governing body of Baldwin County, Alabama (hereinafter referred to as "COMMISSION"), and is effective the date last executed below.

WHEREAS, the ALABAMA EXTENSION SERVICE / ALABAMA COOPERATIVE EXTENSION SYSTEM (hereinafter referred to as "ACES") is organized in accordance with, and exercising those powers conferred by, Section 2-30-1, *et seq.*, of the Code of Alabama (1975); and

WHEREAS, the COMMISSION remains the honorable county governing body of Baldwin County, Alabama; and

WHEREAS, the COMMISSION recognizes that ACES serves as the primary outreach organization for the land-grant mission of Alabama A&M University and Auburn University, which delivers research-based educational programs that enable people to improve their quality of life and economic well-being, said research-based educational programs including, but not limited to, agriculture, forestry and natural resources, urban and nontraditional programs, family and individual well-being, community and economic development and 4-H and youth development; and

WHEREAS, to accomplish the aforementioned and in Baldwin County, Alabama, ACES maintains an office (hereinafter referred to as "ACES BALDWIN COUNTY OFFICE"), providing its research-based educational programs, in Baldwin County, Alabama, whereby ACES BALDWIN COUNTY OFFICE assists the general public of Baldwin County, Alabama, toward the fulfillment of ACES research-based educational programs which benefit the quality of life and economic well-being of the general public, including advocating educational programs important to the continued sustenance of the agricultural community of Baldwin County, Alabama; and

WHEREAS, in recognition of the aforementioned, the COMMISSION, by and through its Baldwin County Fiscal Year 2020-2021 Budget, approved a one-time total funding appropriation of Fifty-three Thousand Eight Hundred Fifty-four dollars and 00/100 ($53,854.00) to exclusively aid the ACES BALDWIN COUNTY OFFICE continue its research-based educational programs benefiting the quality of life and economic well-being of the general public of Baldwin County, Alabama, including advocating educational programs important to the continued sustenance of the agricultural community of Baldwin County, Alabama, and, furthermore, the COMMISSION set aside Eight Hundred Fifty-two Dollars and 00/100 ($852.00) to pay for internal costs related to the use of the county telephone system by the ACES BALDWIN COUNTY OFFICE in its continuance of the public purposes, in Baldwin County, Alabama, as enumerated at Section 2-30-1, *et seq.*, of the Code of Alabama (1975); and

WHEREAS, further, the COMMISSION makes such one-time total funding appropriation to ACES respecting that the Supreme Court of the State of Alabama has ruled that Section 94 of the Constitution of Alabama 1901, as amended, is not violated when a public entity donates money or other thing of value in aid of a private individual or corporation if a public purpose is served. *Slawson v. Alabama Forestry Commission*, 631 So. 2d 953 (Ala. 1994).

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto AGREE as follows:

1. The above recitals and statements are incorporated as part of this Agreement and shall have the effect and enforceability as all other provisions herein.

2. ACES shall continue to deliver research-based educational programs to, and which enable, the people of the State of Alabama to improve their quality of life and economic well-being, said research-based educational programs including, but not limited to, agriculture, forestry and natural resources, urban and nontraditional programs, family and individual well-being, community and economic development and 4-H and youth development.

3. ACES shall continue their provision of the ACES BALDWIN COUNTY OFFICE to provide its research-based educational programs, in Baldwin County, Alabama, to assist the general public of Baldwin County, Alabama, toward the fulfillment of ACES's research-based educational programs which benefit the quality of life and economic well-being of the general public, including advocating educational programs important to the continued sustenance of the agricultural community of Baldwin County, Alabama.

4. All ACES and ACES BALDWIN COUNTY OFFICE facilities, services and activities shall be made available to the general public.

5. ACES and ACES BALDWIN COUNTY OFFICE shall have a nondiscriminatory policy, and its facilities, services and activities shall be available to the general public regardless of race, age, sex, disability or religion.

   a. The COMMISSION will convey to ACES a one-time total funding appropriation of Fifty-three Thousand Eight Hundred Fifty-four Dollars and 00/100 ($53,854.00) as financial assistance to be used exclusively by the ACES BALDWIN COUNTY OFFICE to aid the ACES BALDWIN COUNTY OFFICE continue its research-based educational programs benefiting the quality of life and economic well-being of the general public of Baldwin County, Alabama, including advocating educational programs important to the continued sustenance of the agricultural community of Baldwin County, Alabama; and

   b. The COMMISSION will set aside Eight Hundred Fifty-two Dollars and 00/100 ($852.00) to pay for internal costs related to the use of the county telephone system by the ACES BALDWIN COUNTY OFFICE in their continuance of the public purposes as enumerated at Section 2-30-1, *et seq.*, of the Code of Alabama (1975), said Eight Hundred and Fifty-two Dollars and 00/100 ($852.00) remaining separate and apart from the one-time total funding appropriation provided at Section 6. [a] of this Agreement and non-conveyable to ACES or the ACES BALDWIN COUNTY OFFICE.

6. ACES and the ACES BALDWIN COUNTY OFFICE, both, expressly agree not to use the one-time total funding appropriation set forth at Section 6 of this Agreement outside the purposes provided at Section 6 of this Agreement and, furthermore, agrees not to use the one-time total funding appropriation set forth at Section 6 of this Agreement to aid any private or individual benefit or utilize the county telephone system for non-public purposes. It being expressly understood that the one-time total funding appropriation set forth at Section 6 of this Agreement, as

provided by the COMMISSION, be conveyed by ACES to the ACES BALDWIN COUNTY OFFICE and utilized, by said ACES BALDWIN COUNTY OFFICE, in a manner consistent with this Agreement.

8. This Agreement and the relationship created hereby does not in any manner create, imply or otherwise vest, any authority in ACES and / or the ACES BALDWIN COUNTY OFFICE on behalf of the COMMISSION. Furthermore, this Agreement hereby expressly forbids the creation of an agency or any action that would create or imply that ACES and / or the ACES BALDWIN COUNTY OFFICE is / are (an) agent(s) of the COMMISSION.

9. To the fullest extent allowed by law, ACES and the ACES BALDWIN COUNTY OFFICE shall fully indemnify and hold the COMMISSION, its County Commissioners, departments, employees, supervisors, insurer, agents, representatives and attorneys (for purposes of this Section 9 referred to collectively as "COMMISSION") completely harmless from any and all claims, demands, notices, violations, findings, actions or orders of whatsoever kind or character which may arise from, or which are in any way related to, the work done and duties or obligations performed by ACES, ACES BALDWIN COUNTY OFFICE or the COMMISSION pursuant to this Agreement, including, without limitation, attorney fees and legal expenses and costs incurred as a result of the COMMISSION enforcing, defending or complying with this Agreement, or otherwise addressing or defending any actions or claims related in any way to this Agreement. The provisions of this Section 9 and the rights, duties and obligations set forth herein shall survive the expiration or termination of this Agreement.

10. ACES and the ACES BALDWIN COUNTY OFFICE shall ensure that all materials publicizing or resulting from the funding appropriation as provided for by this Agreement shall contain an acknowledgment of the COMMISSION's assistance with said acknowledgment of support made through the use of the following comparable footnote: "This activity was supported by the Baldwin County Commission."

11. Notwithstanding anything written herein to the contrary, all commitments made herein by the COMMISSION are subject to the availability of funds. If at anytime prior to the conveyance of the one-time funding appropriation the COMMISSION determines that the subject funds are not available, then the COMMISSION shall no longer be obligated or required to provide such one-time funding appropriation.

12. ACES and the ACES BALDWIN COUNTY OFFICE agrees, as a condition of receiving the funding appropriation referenced in this Agreement, to:

    a. Supply to the COMMISSION, within 30 days from a written request to do so, all applicable data that is necessary for the COMMISSION to ensure the proper expenditure of the subject funding appropriation.

    b. File with the COMMISSION no later than June 11, 2021, a written report of its activities for the preceding period which commenced on October 1, 2020, a copy of an annual report that includes the appropriation period, and a copy of the most recently audited financial statements (audited financial statements must be from within the last two years, i.e. year 2019 or 2020, and should include an independent auditor's report, statement of financial position, statement of activities, statement of cash flows, and notes to the financial statements) to ensure the proper expenditure of the subject funding appropriation.

13. This Agreement, provided in the form as one (1) original instrument for the records of ACES and one (1) original instrument for the records of the ACES BALDWIN COUNTY OFFICE and one (1) original instrument for the records of the COMMISSION, represents the entire terms and conditions of the Agreement between the COMMISSION and ACES and the ACES BALDWIN COUNTY OFFICE. It shall be necessary to account for only one (1) such instrument or counterpart in proving this Agreement.

14. This Agreement shall be in effect for a period of twelve (12) months, or in a shorter time as may be determined by the COMMISSION, commencing October 1, 2020, and expiring September 30, 2021, and may be amended, during the aforementioned period of twelve (12) months, only by written amendment executed by the COMMISSION and ACES and the ACES BALDWIN COUNTY OFFICE. The COMMISSION shall have the right to terminate this Agreement, with or without cause or reason, by giving thirty (30) days written notice to ACES and the ACES BALDWIN COUNTY OFFICE.

15. This Agreement shall be deemed to have been made in the State of Alabama, and the validity of the same, its construction, interpretation, enforcement and the rights of the parties hereunder, shall be determined under, governed by and construed in accordance with the substantive laws of the State of Alabama, without giving effect to any choice of law provisions arising thereunder. The proper venue for any action arising hereunder or relating to the subject matter of this Agreement shall lie solely in Baldwin County, Alabama.

16. Should the COMMISSION employ an attorney or attorneys to enforce any of the terms and conditions hereof, the COMMISSION shall be entitled to recover from the ACES all reasonable costs, damages, and expenses, including reasonable attorneys' fees, expended or incurred in connection therewith.

17. If any part or parts of this Agreement shall be held unenforceable for any reason, the remainder of this Agreement shall continue in full force and effect. If any provision of this Agreement is deemed invalid or unenforceable by any court of competent jurisdiction, and if limiting such provision would make the provision valid, then such provision shall be deemed to be construed as so limited.

IN WITNESS WHEREOF, the parties have affixed their hands and seals this date, as follows:

BALDWIN COUNTY COMMISSION

Joe Davis III
~~BILLIE JO UNDERWOOD~~ Joe Davis, III
As Its: Chairman
Date: November 5, 2020

ATTEST:

WAYNE DYESS
County Administrator

STATE OF ALABAMA)
COUNTY OF BALDWIN)

I, the undersigned authority, a Notary Public, in and for Baldwin County, Alabama, and the State of Alabama, hereby certify that ~~BILLIE JO UNDERWOOD~~ Joe Davis III, as Chairman of the Baldwin County Commission, and WAYNE DYESS, as County Administrator of the Baldwin County Commission, whose names are signed to the foregoing instrument and who are known to me, acknowledged before me and on this day that, being informed of the contents of said instrument, they, as such Chairman and County Administrator of the Baldwin County Commission, and with full authority, executed the same voluntarily on the day the same bears date for and as an act of said Baldwin County Commission.

Given under my hand and seal this the 5th day of November, 2020.

Monica English
NOTARY PUBLIC
My Commission expires: _____

My Commission Expires:
May 5, 2024

ALABAMA EXTENSION SERVICE / ALABAMA COOPERATIVE EXTENSION SYSTEM

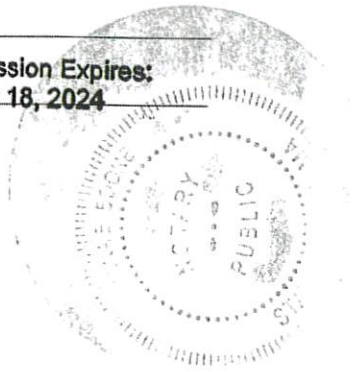
Gary Lemme
DR. GARY LEMME
As Its: Director
Date: OCT. 13, 2020

STATE OF ALABAMA)
COUNTY OF Lee)

I, the undersigned authority, a Notary Public, in and for Lee County, Alabama, and the State of Alabama, hereby certify that DR. GARY LEMME, as Director of the Alabama Extension Service / Alabama Cooperative Extension System, whose name is signed to the foregoing instrument and who is known to me, acknowledged before me and on this day that, being informed of the contents of said instrument, he, as such Director of the Alabama Extension Service / Alabama Cooperative Extension System, and with full authority, executed the same voluntarily on the day the same bears date for and as an act of said Alabama Extension Service / Alabama Cooperative Extension System.

GIVEN under my hand and seal this the 13 day of October, 2020.

Dana B. Barnes
NOTARY PUBLIC
My Commission expires: My Commission Expires: August 18, 2024



ALABAMA EXTENSION SERVICE / ALABAMA COOPERATIVE EXTENSION SYSTEM BALDWIN COUNTY OFFICE
302A Byrne Street
Bay Minette, Alabama 36507

Katherine A. Shepard
KATHERINE SHEPARD
As Its: (Baldwin) County Extension Coordinator

Date: 10/6/2020

STATE OF ALABAMA)
COUNTY OF Baldwin)

I, the undersigned authority, a Notary Public, in and for Baldwin County, Alabama, and the State of Alabama, hereby certify that KATHERINE SHEPARD, as the (Baldwin) County Extension Coordinator of the Alabama Extension Service / Alabama Cooperative Extension System, whose name is signed to the foregoing instrument and who is known to me, acknowledged before me and on this day that, being informed of the contents of said instrument, she, as such (Baldwin) County Extension Coordinator of the Alabama Extension Service / Alabama Cooperative Extension System, and with full authority, executed the same voluntarily on the day the same bears date for and as an act of the Baldwin County Office of the Alabama Extension Service / Alabama Cooperative Extension System.

GIVEN under my hand and seal this the 6th day of October, 2020.

Sandra Walton
NOTARY PUBLIC
My Commission expires: 6/09/2021

STATE OF NOTARY PUBLIC ALABAMA
SANDRA WALTON
My Commission Expires
June 9, 2021

Baldwin County Master Environmental Educator

The Master Environmental Education Program (MEE) was created in 1995 and is an outreach program of the Baldwin County Extension Office. We train volunteers to teach nine environmental lessons in schools and to community groups. The lessons address some of the most critical environmental issues facing Baldwin County. Each lesson includes an outline, an activity, a glossary, background information and a correlation to the Alabama Course of Study for Science.

Here is a list of the lessons:

- Alabama Water Watch
- Aquatic Nuisance Species
- Backyard Wildlife Habitat
- Energy
- Groundwater Pollution
- Invasive Plant Species
- Recycling
- Stormwater Pollution
- The Water Cycle

Learn more about each lesson. (https://www.aces.edu/blog/topics/county-resources/baldwin-master-environmental-educator-lessons/)

Check the calendar below for availabilities. To request a lesson, complete the form below the calendar.

For more information, contact the Baldwin County Extension Office at (251) 937-7176 (tel:1-251-937-7176), or your local courthouse call center (251) 928-3002 (tel:1-251-928-3002) /(251) 943-5061 (tel:1-251-943-5061), ext. 2222.

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For more information, contact your county Extension office. Visit www.aces.edu/directory.
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https://www.aces.edu/blog/topics/county-resources/baldwin-master-environmental-educator/

Baldwin County Commission

Fund 1 General Fund
Dept 51990 Miscellaneous Appropriations

FY 2021 Budget
Detailed Expenditures

Object Act	Sub Act	Description	FY 2017	FY 2018	FY 2019	FY 2020 August 31	FY 2020 Budget	FY 2021 Budget
5150	001	Lobbying Firm Contract	114,085	114,105	114,079	104,542	114,000	114,000
5150	002	Lobbying Contract Callahan	-	-	-	-	-	-
5150	003	Lobby Contract Adams & Reese	72,000	72,000	72,000	66,796	72,000	72,000
5150	004	Lobby Cont Christie Strategy G	42,000	42,000	42,000	21,000	42,000	42,000
5150	005	Consulting - DSD Serv Group	12,160	25,240	20,360	5,960	30,000	30,000
5230		Landscaping	-	7,500	-	-	-	-
5290		Misc Appr From Contigency	28,489	24,414	-	552,630	719,000	552,400
5294		Chamber of Commerce Alliance	2,000	4,000	4,000	59,000	59,000	65,000
5296		MOSQUITO SPRAYING	-	-	-	-	-	-
5299	002	VOAD	-	-	-	-	-	-
5299	003	BC Heritage Museum	15,000	15,000	15,000	35,000	35,000	-
5299	0031	BC H Museum: Waiving Ent Fee	3,200	3,200	3,200	3,200	3,200	3,200
5299	004	Battleship Park	-	-	-	-	-	-
5299	005	W Florida Reg. Planning Coun	12,907	13,891	13,891	13,891	13,891	13,891
5299	007	Board of Education Approp	-	-	-	-	-	-
5299	008	Eastern Shore MPO	-	-	-	-	-	-
5299	009	Juvenile Court Appropriation	-	-	-	-	-	-
5299	011	Coastal AL Partnership	25,000	25,000	25,000	-	-	-
5299	012	SW AL Workforce Developement	22,500	22,500	22,500	22,500	22,500	25,000
5299	013	Indigent Care Res. 2017-089	745,755	-	-	-	-	-
5299	014	Corte Rd Appropriation	-	-	-	-	-	-
5332		S A R P C	83,544	89,686	89,832	97,332	97,322	97,332
5342		Comm Discretionary Fund	4,500	10,050	19,491	18,500	25,000	25,000
5343		One Half Red Cross Disaster	-	-	-	-	-	-
5344		Mobile Bay Natl Estuary Prog	-	50,000	50,000	75,000	75,000	75,000
5345		Lillian Rec Center	1,200	1,200	1,200	1,200	1,200	1,200
5346		Mental Retard for Transport	30,000	30,000	30,000	30,000	30,000	-
5349		Transportion: Birdfest	-	-	-	-	-	-
5350		Trans Intl Baccalaureate	-	-	-	-	-	-
5352		Historical Commission	60,000	60,000	-	11,000	11,000	11,000
5358		Library Services	-	-	-	-	-	-
5358	01	Library Ser: 1/2 Video T	-	-	-	-	-	-

Baldwin County Commission

Fund 1 General Fund
Dept 51990 Miscellaneous Appropriations

FY 2021 Budget
Detailed Expenditures

Object Act	Sub Act	Description	FY 2017	FY 2018	FY 2019	FY 2020 August 31	FY 2020 Budget	FY 2021 Budget
5362		Bay Minette Rotary Club	500	500	500	500	500	500
5367		Blueprint for Tomorrow	-	-	-	-	-	-
5368		Literacy Councils	-	-	-	-	-	-
5370		Baldwin Housing Alliance	-	-	-	-	-	-
5371		Gulf Coast RC&D Board	3,250	3,250	3,250	750	1,500	750
5376		North Baldwin Search/Rescue	-	-	-	-	-	-
5377		Lower Alabama Search/Rescue	-	-	-	-	-	-
5378		SW AL Abuse Network	-	-	-	-	-	-
5379		B. C. Sheriff' Boys Ranch	-	-	-	-	-	-
5381		Daphne Search & Rescue, Inc.	-	-	-	-	-	-
5390		Alabama CoOp Ext Service	53,854	53,854	53,854	53,854	53,854	53,854
5390	01	Ext Service Telephone	-	-	-	-	-	-
5400		BC Soil & Water Conservation	64,438	75,500	75,500	75,500	75,500	75,500
5400	001	Water Shed Coor Allocation	-	-	41,500	-	-	-
5410		BC Econ Develope Alliance	350,000	350,000	380,000	412,000	412,000	380,000
5500		Capital	-	-	-	-	-	-
5500	001	Misc App SAIL Center	-	-	44,517	40,085	-	-
5500	002	Misc App SAIL Center 2	-	-	-	9,155	150,000	-
Totals		**51990 Miscellaneous Appropriations**	$ 1,746,382	$ 1,092,890	$ 1,121,674	$ 1,709,395	$ 2,043,467	$ 1,637,627

Appendix C

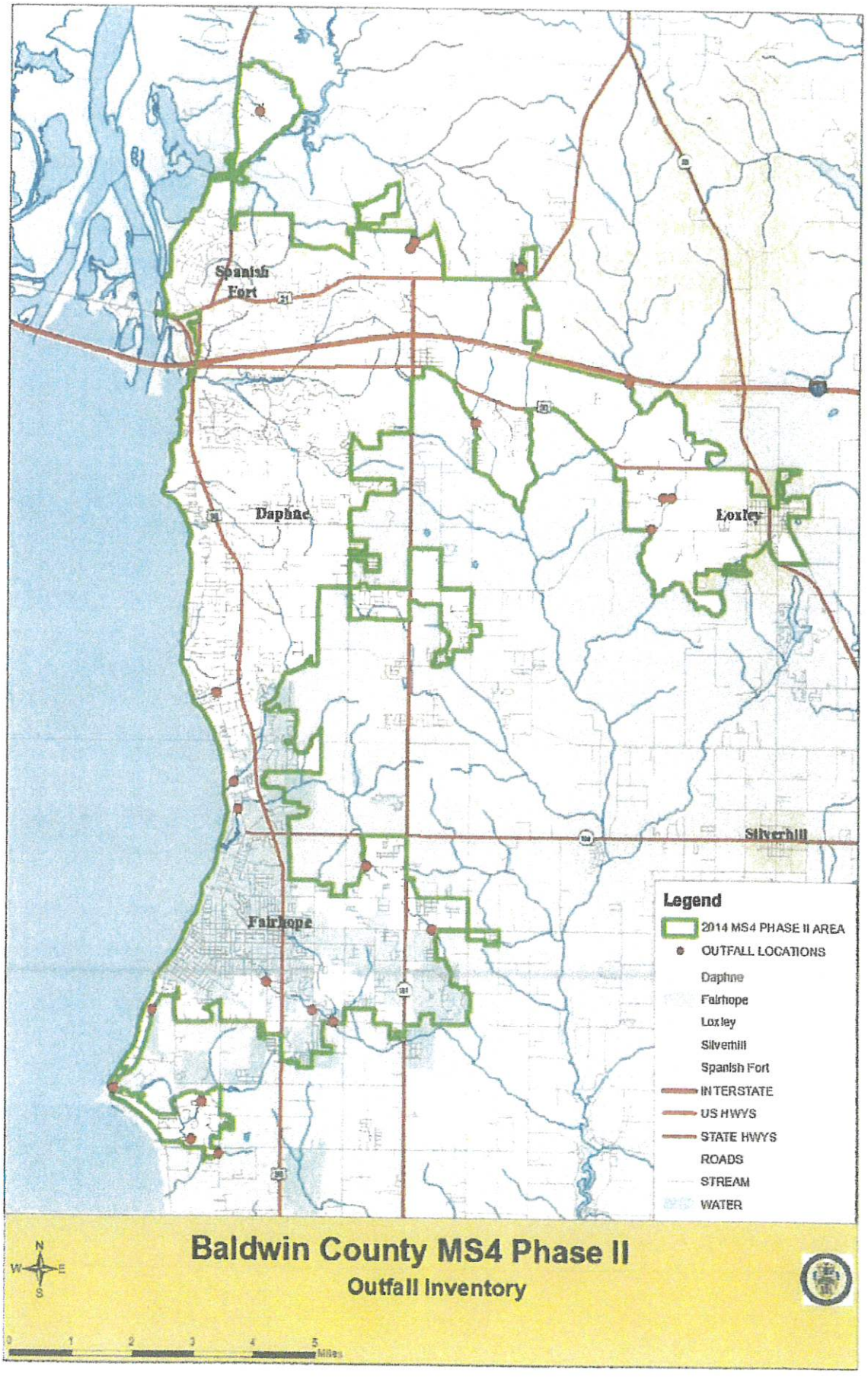
Illicit Discharge Detection And Elimination (IDDE)

		OUTFALL INVENTORY SCHEDULE			
DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
PIPE	1	THREE MILE CREEK RD TURNS NORTH BEFORE I-10	MOBILE/FISH RIVER	30D 39M 9.164S	87D 47M 30.833S
BOX CULVERT	2	CR 64 - CORN BR. EAST OF HALL RD	MOBILE/CORN BRANCH	30D 47M 5.895S	87D 47M7.875S
PIPE	3	GREENO LN JUST EAST OF INGLESIDE AVE	MOBILE/COWPEN CREEK	30D 30M 39.672	87D 53M 24.951S
OPEN DITCH	4	WASP LN-WHERE IT DUMPS INTO POND	MOBILE/POINT CLEAR CREEK	30D 28M 26.261S	87D 54M 38.997S
PIPE	5	BOOTHE RD-BETWEEN LAKE VIEW & NORMAN LN	MOBILE/COWPEN CREEK	30D 30M 16.002S	87D 52M 39.695S
BRIDGE	7	SCENIC 98-ROCK CRK. SOUTH OF ECOR ROUGE LN	MOBILE/ROCK CREEK	30D 33M 27.932S	87D 53M 58.874S
BRIDGE	8	TURKEY BRANCH-TURKEY BRANCH DR	MOBILE/TURKEY BRANCH	30D 38M 33.83S	87D 50M 3.536S
BOX CULVERT	9	SCENIC 98-RED GULLY SOUTH OF N WINDING BROOK DR	MOBILE/RED GULLEY	30D 34M 42.480S	87D 54M 17.512S
BRIDGE	10	SCENIC 98-FLY CRK. SOUTH OF SEA CLIFF DR	MOBILE/FLY CREEK	30D 33M 4.416	87D 53M 55.041S
BOX CULVERT	11	CR 44-COWPEN CRK. WEST OF FAIRFIELD DR	MOBILE/COWPEN CREEK	30D 30M 6.374S	87D 52M 19.352S
BOX CULVERT	12	BR. OFF POINT CLEAR CR. WILLOWBRIDGE DR	MOBILE/POINT CLEAR CREEK	30D 28M 58.419S	87D 54M 29.019S
BRIDGE	13	CR 3 BAILEY CRK SOUTH OF COUNTY RD 32	MOBILE/BAILEY CREEK	30D 28M 14.797S	87D 54M 11.017S
BRIDGE	14	SCENIC 98-POINT CLEAR CRK. NORTH OF LAKEWOOD DR	MOBILE/POINT CLEAR CREEK	30D 29M 8.725S	87D 55M 56.413S
PIPE	15	COUNTY RD 66 EAST OF BOAZ RD E	MOBILE/CORN BRANCH	30D 37M 32.626S	87D 46M 56.187S
PIPE	16	COUNTY RD 66 EAST OF BOAZ RD E EAST OF DISCHARGE 15	MOBILE/CORN BRANCH	30D 37M 32.698S	87D 46M 48.239S
BOX CULVERT	17	BOARDWALK DR	MOBILE/MUDDY BRANCH	30D 42M 55.314S	87D 53M 40.18S
PIPE	18	MCFARLAND RD EAST OF JESSIE RD	MOBILE/BAY BRANCH	30D 40M 45.989S	87D 49M 20.674S
PIPE	20	MOSELEY RD EAST OF COUNTY RD 13	MOBILE/FLY CREEK	30D 32M 17.546S	87D 51M 47.752S
PIPE	21	COUNTY RD 48 WEST OF BLUEBERRY LN	MOBILE/FISH RIVER	30D 31M 25.095S	87D 50M 42.566S
BOX CULVERT	22	SCENIC HWY 98 SOUTH OF NELSON DR	MOBILE/TITI SWAMP	30D 30M 14.532S	87D 55M 18.894S

2021
Baldwin County
MS4 Outfall Inspections
NPDES Permit No. ALR040042

Planning & Zoning

Natural Resource Planner



Baldwin County MS4 Phase II

Outfall Inventory

		OUTFALL INVENTORY SCHEDULE			
DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
PIPE	1	THREE MILE CREEK RD TURNS NORTH BEFORE I-10	MOBILE/FISH RIVER	30D 39M 9.164S	87D 47M 30.833S
BOX CULVERT	2	CR 64 - CORN BR. EAST OF HALL RD	MOBILE/CORN BRANCH	30D 47M 5.895S	87D 47M7.875S
PIPE	3	GREENO LN JUST EAST OF INGLESIDE AVE	MOBILE/COWPEN CREEK	30D 30M 39.672	87D 53M 24.951S
OPEN DITCH	4	WASP LN-WHERE IT DUMPS INTO POND	MOBILE/POINT CLEAR CREEK	30D 28M 26.261S	87D 54M 38.997S
PIPE	5	BOOTHE RD-BETWEEN LAKE VIEW & NORMAN LN	MOBILE/COWPEN CREEK	30D 30M 16.002S	87D 52M 39.695S
BOX CULVERT	6	JIMMY FAULKNER RD- NORTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 6.693S	87D 51M 5.611S
BRIDGE	7	SCENIC 98-ROCK CRK. SOUTH OF ECOR ROUGE LN	MOBILE/ROCK CREEK	30D 33M 27.932S	87D 53M 58.874S
BRIDGE	8	TURKEY BRANCH-TURKEY BRANCH DR	MOBILE/TURKEY BRANCH	30D 38M 33.83S	87D 50M 3.536S
BOX CULVERT	9	SCENIC 98-RED GULLY SOUTH OF N WINDING BROOK DR	MOBILE/RED GULLEY	30D 34M 42.480S	87D 54M 17.512S
BRIDGE	10	SCENIC 98-FLY CRK. SOUTH OF SEA CLIFF DR	MOBILE/FLY CREEK	30D 33M 4.416	87D 53M 55.041S
BOX CULVERT	11	CR 44-COWPEN CRK. WEST OF FAIRFIELD DR	MOBILE/COWPEN CREEK	30D 30M 6.374S	87D 52M 19.352S
BOX CULVERT	12	BR. OFF POINT CLEAR CR. WILLOWBRIDGE DR	MOBILE/POINT CLEAR CREEK	30D 28M 58.419S	87D 54M 29.019S
BRIDGE	13	CR 3 BAILEY CRK SOUTH OF COUNTY RD 32	MOBILE/BAILEY CREEK	30D 28M 14.797S	87D 54M 11.017S
BRIDGE	14	SCENIC 98-POINT CLEAR CRK. NORTH OF LAKEWOOD DR	MOBILE/POINT CLEAR CREEK	30D 29M 8.725S	87D 55M 56.413S
PIPE	15	COUNTY RD 66 EAST OF BOAZ RD E	MOBILE/CORN BRANCH	30D 37M 32.626S	87D 46M 56.187S
PIPE	16	COUNTY RD 66 EAST OF BOAZ RD E EAST OF DISCHARGE 15	MOBILE/CORN BRANCH	30D 37M 32.698S	87D 46M 48.239S
BOX CULVERT	17	BOARDWALK DR	MOBILE/MUDDY BRANCH	30D 42M 55.314S	87D 53M 40.18S
PIPE	18	MCFARLAND RD EAST OF JESSIE RD	MOBILE/BAY BRANCH	30D 40M 45.989S	87D 49M 20.674S
PIPE	19	JIMMY FAULKNER RD SOUTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 0.769S	87D 51M 9.728S
PIPE	20	MOSELEY RD EAST OF COUNTY RD 13	MOBILE/FLY CREEK	30D 32M 17.546S	87D 51M 47.752S
PIPE	21	COUNTY RD 48 WEST OF BLUEBERRY LN	MOBILE/FISH RIVER	30D 31M 25.095S	87D 50M 42.566S
BOX CULVERT	22	SCENIC HWY 98 SOUTH OF NELSON DR	MOBILE/TITI SWAMP	30D 30M 14.532S	87D 55M 18.894S

MS4 Outfall Inspection Form

Section 1: Background Data

Subwatershed: Mobile Fish River		Outfall ID: 1 Pipe	
Today's date: 3-29-21		Time (Military): 2:19pm	
Investigators: A Campbell		Form completed by: A Campbell	
Temperature (°F): 73°F	Rainfall (in.): Last 24 hours: 0.10	Last 48 hours: 0.10	
Latitude: 30° 39' 9.164	Longitude: 87° 39' 9.695	GPS Unit:	GPS LMK #:
Camera: Iphone		Photo #s: 403 – 412	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☑ Ultra-Urban Residential
- ☐ Suburban Residential
- ☑ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known): Grate inlet covered with DeBris 36" RCP Paved ditch into Grate inlet Outfall Submerged

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☑ Other: Concrete	☐ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☐ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 36"	In Water: ☐ No ☐ Partially ☑ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ Open drainage	☑ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☑ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: 1' Top Width: 8' Bottom Width: 2'	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☑ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☑ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

5WOF-1

MS4 Outfall Inspection Form

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☑ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☑	☑ Clear Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☑	☐ Oily ☑ Flow Line ☐ Paint ☐ Other:	Brown Algae - Acidic Conditions
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☑ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☑ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☑ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

SWOF 1-Fish River

IMG_ 403-View Upstream Flow Present

IMG_ 407-View Upstream Drain Clogged with Debris

IMG_SWOF 1 View Downstream Submerged

IMG_0412-View Upstream Debris Removed

MS4 Outfall Inspection Form

Section 1: Background Data

Subwatershed: Mobile Corn Branch		Outfall ID: 2 - Box Culvert	
Today's date: 3/29/21		Time (Military): 142pm	
Investigators: A Campbell		Form completed by: A Campbell	
Temperature (°F): 73°	Rainfall (in.): Last 24 hours: .01	Last 48 hours: .01	
Latitude: 30 41 5.8155	Longitude: 87°47 7.875	GPS Unit:	GPS LMK #:
Camera: Iphone		Photo #s: 389 - 402	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☑ Ultra-Urban Residential
- ☐ Suburban Residential
- ☑ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

12x7 RC Box Culvert

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: Concrete	☐ Circular ☐ Eliptical ☑ Box ☐ Other: ____	☐ Single ☑ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 12x7 RC Box Culvert	In Water: ☐ No ☑ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☑ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☑ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

MS4 Outfall Inspection Form

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☒ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☒	☐ Clear ☒ Brown ☐ Gray ☐ Yellow Ag Runoff ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds Row-Trash Noted ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☒ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☐ Unlikely ☒ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Ag Runoff

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☒ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Row Trash due to County landfill – haulers with no cover
Reported to Solid Waste Coordinator.

SWOF 2-Corn Branch

IMG_0389-View Upstream

IMG_0395-View North Culvert

IMG_0397-View Downstream

IMG_0400-View Downstream

MS4 Outfall Inspection Form

Section 1: Background Data

Subwatershed: Mobile / Cowpen Creek		Outfall ID: 3 - Pipe	
Today's date: 3/30/21		Time (Military): 7:49	
Investigators: 3/30/21 A Campbell		Form completed by: A Campbell	
Temperature (°F): 64°	Rainfall (in.): Last 24 hours: .01	Last 48 hours: .01	
Latitude: 30° 30 39.672	Longitude: 87° 53 24.9515	GPS Unit:	GPS LMK #:
Camera: Iphone		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☑ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

Debris noted on western side of road. Removed during inspection

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☑ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☐ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 24"	In Water: ☑ No ☐ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☑ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

5W0F-3

MS4 Outfall Inspection Form

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☑ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☑ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☑ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☑ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☑ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

SWOF-3 Cowpen Creek

IMG_0538-View Downstream Facing North

IMG_0541-View Facing West Debris Noted

IMG_0542-View Facing West Debris Removed

IMG_0539-View Facing South

MS4 Outfall Inspection Form

Section 1: Background Data

Subwatershed: Mobile / Point Clear Creek		Outfall ID: A – Pipe	
Today's date: 3/30/24		Time (Military): 10:20 am	
Investigators: A Campbell		Form completed by: A Campbell	
Temperature (°F): 75°	Rainfall (in.): Last 24 hours: .01	Last 48 hours: .01	
Latitude: 30°28'26.261	Longitude: 87°54'38.997	GPS Unit:	GPS LMK #:
Camera: Iphone		Photo #s: 579 - 583	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☑ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known): Nice water Moccasin (Big One)

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☑ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☑ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 18"	In Water: ☐ No ☑ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☑ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

SWOF-4

MS4 Outfall Inspection Form

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☑ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☑ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☑	☑ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	Pipe has crack damage
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☑ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☐ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

SWOF 4-Point Clear Creek

IMG_0581-View Upstream

IMG_0583-View Downstream Pond

MS4 Outfall Inspection Form

Section 1: Background Data

Subwatershed: Mobile Cowpen Creek		Outfall ID: 5 - Cowpen Creek	
Today's date: 3/30/21		Time (Military): 809 am	
Investigators: ACampbell		Form completed by: ACampbell	
Temperature (°F): 70	Rainfall (in.): Last 24 hours: .01	Last 48 hours: .01	
Latitude: 30° 30' 16.002	Longitude: 87° 52 39.695	GPS Unit:	GPS LMK #:
Camera:		Photo #s: 546 - 551	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☑ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g.., origin of outfall, if known):

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☑ Steel ☐ Other: _____	☑ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☐ Single ☐ Double ☑ Triple ☐ Other: ____	Diameter/Dimensions: 36"	In Water: ☑ No ☐ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☑ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow	Flow depth		In	Tape measure
	Flow width	____ ' ____ "	Ft, In	Tape measure
	Measured length	____ ' ____ "	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

SWOF-5

MS4 Outfall Inspection Form

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☑ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☑ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☑	☐ Oily ☐ Flow Line ☐ Paint ☑ Other:	Sediment Stains
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☑ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

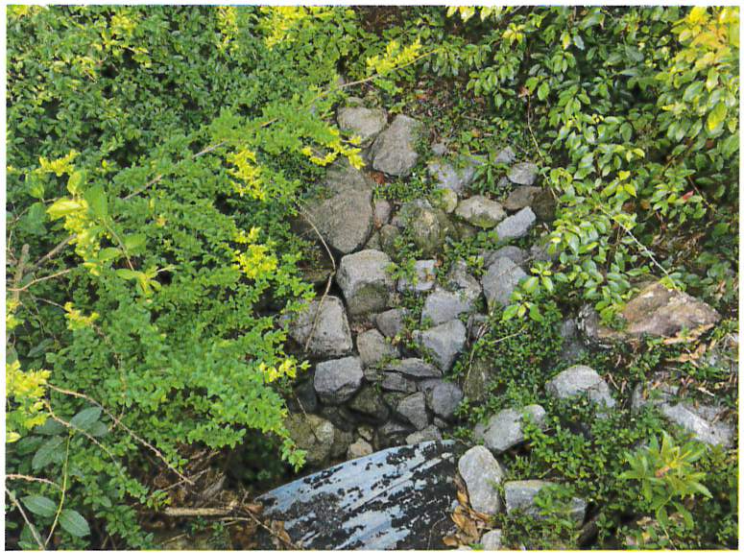
Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☑ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☑ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

SWOF-5-Cowpen Creek

IMG_0550-View Upstream



IMG_0546-View Downstream

MS4 Outfall Inspection Form

Section 1: Background Data

Subwatershed: Mobile Sibley Creek		Outfall ID: 6 - Box Culvert	
Today's date:		Time (Military):	
Investigators: A Campbell		Form completed by: A Campbell	
Temperature (°F):	Rainfall (in.): Last 24 hours:	Last 48 hours:	
Latitude: 30 41 ° 66835	Longitude: 87° 51' 5.613	GPS Unit:	GPS LMK #:
Camera: NA		Photo #s:	

Land Use in Drainage Area (Check all that apply): NA

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☐ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: _____	In Water: ☐ No ☐ Partially ☐ Fully With Sediment: ☐ No ☐ Partially ☐ Fully
☑ Open drainage	☑ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☑ Other: Box Culvert		Depth: 4 1/2 Top Width: 6x2 Bottom Width: 6x2	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization NA

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Spanish Forts Jurisdiction
"Not Inspected"

SWOF-6

MS4 Outfall Inspection Form

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)* NA

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)* NA

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☐ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection NA

1.	Sample for the lab?	☐ Yes	☐ No	
2.	If yes, collected from:	☐ Flow	☐ Pool	
3.	Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

MS4 Outfall Inspection Form

Section 1: Background Data

Subwatershed: Mobile Rich Creek		Outfall ID: 7 Bridge	
Today's date: 3/29/21		Time (Military): 422pm	
Investigators: ACampbell		Form completed by: ACampbell	
Temperature (°F): 73	Rainfall (in.): Last 24 hours:	Last 48 hours:	
Latitude: 30 33 27.932	Longitude: 87 53 58.87	GPS Unit:	GPS LMK #:
Camera: Iphone		Photo #s: 451 - 469	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☑ Suburban Residential
- ☑ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):
Hwy 98 Bridge

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☐ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: Bridge	In Water: ☑ No ☐ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☑ In-Stream	(applicable when collecting samples)				
Flow Present?	☑ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☑ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow	Flow depth		In	Tape measure
	Flow width	____ ' ____ "	Ft, In	Tape measure
	Measured length	____ ' ____ "	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

SW OF-7

MS4 Outfall Inspection Form

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☐ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

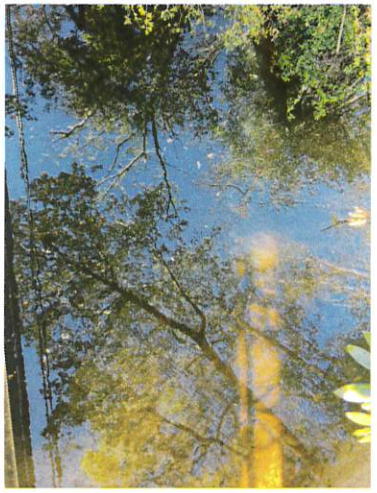
1. Sample for the lab?	☐ Yes	☐ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

SWOF-7 Rock Creek

IMG_0456-View Upstream

IMG_0451-View Downstream



IMG_0468-View Downstream

MS4 Outfall Inspection Form

Section 1: Background Data

Subwatershed: Mobile / Turkey Branch		Outfall ID: 8 - Bridge	
Today's date: 3/29/21		Time (Military): 2:29 pm	
Investigators: ACampbell		Form completed by: ACampbell	
Temperature (°F): 71	Rainfall (in.): Last 24 hours: .01	Last 48 hours: .01	
Latitude: 30°38'33.83	Longitude: 87°56'3.536	GPS Unit:	GPS LMK #:
Camera: IPhone		Photo #s: 413 - 428	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):
Bridge 68'

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ Closed Pipe	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☐ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 68' Brdg	In Water: ☐ No ☑ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☑ In-Stream	(applicable when collecting samples)				
Flow Present?	☑ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☑ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

SW08

MS4 Outfall Inspection Form

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☑ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☑ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☑ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☑ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☑ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

SWOF-8 Turkey Branch

IMG_0414-View Upstream

IMG_0416-View Upstream Looking at Bridge

IMG_0418-View Downstream

IMG_0427-View Downstream

MS4 Outfall Inspection Form

Section 1: Background Data

Subwatershed: Mobile / Red Gulley		Outfall ID: 9 - Box Culvert	
Today's date: 3/29/21		Time (Military): 4:07pm	
Investigators: ACampbell		Form completed by: ACampbell	
Temperature (°F): 73	Rainfall (in.): Last 24 hours: .01	Last 48 hours: .01	
Latitude: 30° 34' 42.480	Longitude: 87° 54' 17.51	GPS Unit:	GPS LMK #:
Camera: IPhone		Photo #s: 436 - 450	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☑ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g.., origin of outfall, if known):

Box Culvert - Excessive Sediment in Stream - Upstream Erosion in Dap line.

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☐ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 12x6'	In Water: ☐ No ☑ Partially ☐ Fully With Sediment: ☐ No ☑ Partially In Stream ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☑ In-Stream	(applicable when collecting samples)				
Flow Present?	☑ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☑ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

SWOF-9

MS4 Outfall Inspection Form

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☑ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☑ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☐ Unlikely ☑ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious Drains Commercial

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☑ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☑ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

SWOF-9 Red Gulley

IMG_0444-View Upstream

IMG_0447-View Downstream

MS4 Outfall Inspection Form

Section 1: Background Data

Subwatershed: Mobile Fly Creek		Outfall ID: 10 – Bridge	
Today's date: 3/29/21		Time (Military): 4:36 pm	
Investigators: ACampbell		Form completed by: ACampbell	
Temperature (°F): 73	Rainfall (in.): Last 24 hours: .01	Last 48 hours: .01	
Latitude: 30° 33' 4.416	Longitude: 87°53'55.041	GPS Unit:	GPS LMK #:
Camera: Iphone		Photo #s: 470 – 485	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☑ Suburban Residential
- ☑ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

Bridge

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☐ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: Bridge	In Water: ☐ No ☑ Partially ☐ Fully With Sediment: Historic ☑ No ☐ Partially Stream Sediment ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☑ In-Stream	(applicable when collecting samples)				
Flow Present?	☑ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☑ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

SWOF-10

MS4 Outfall Inspection Form

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☒ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☐ Unlikely ☒ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Sediment

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☒ No	If Yes, type: ☐ OBM ☐ Caulk dam

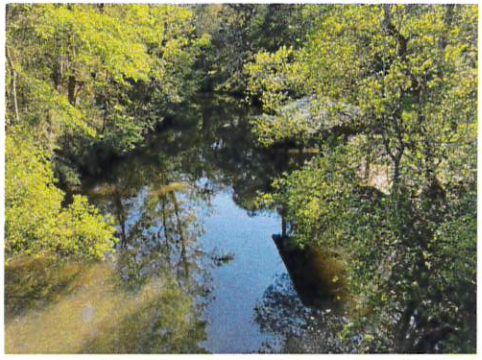
Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

SWOF-10 Fly Creek

IMG_0472 – View Upstream

IMG_0475 –View Downstream

IMG_0481-View Upstream



IMG_0485-View Downstream,

MS4 Outfall Inspection Form

Section 1: Background Data

Subwatershed: Mobile Caupen Creek		Outfall ID: 11 – Box Culvert	
Today's date: 3/29/21		Time (Military): 522pm	
Investigators: ACampbell		Form completed by: ACampbell	
Temperature (°F): 73	Rainfall (in.): Last 24 hours: .01	Last 48 hours: .01	
Latitude: 30° 30' 6.374	Longitude: 87°52' 19.353	GPS Unit:	GPS LMK #:
Camera: Iphone		Photo #s: 518 – 535	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☑ Suburban Residential
- ☑ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):
Hurricane Debris noted in Box Culvert

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☑ Box ☐ Other: _____	☐ Single ☐ Double ☐ Triple ☑ Other: 4	Diameter/Dimensions: Concrete 4	In Water: ☐ No ☑ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

SWOF-11

MS4 Outfall Inspection Form

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☑ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☑ No *(If No, Skip to Section 6)* Standing Water

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

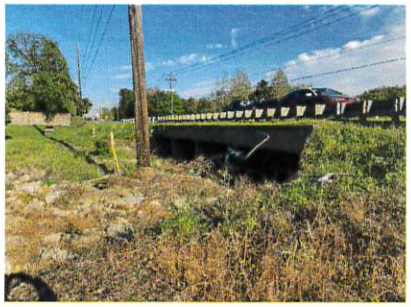
☑ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☑ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☑ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

SWOF-11 Cowpen Creek



IMG_0518-View Upstream

IMG_0522-View Upstream

IMG_0527-View Downstream

IMG_0531-View Downstream

MS4 Outfall Inspection Form

Section 1: Background Data

Subwatershed: Mobile Point Clear Creek		Outfall ID: 12 - Box Culvert	
Today's date: 3/30/21		Time (Military): 1007am	
Investigators: A Campbell		Form completed by: A Campbell	
Temperature (°F): 72°	Rainfall (in.): Last 24 hours: .01	Last 48 hours: .01	
Latitutde: 30°28' 58.419	Longitude: 87°54' 29.019	GPS Unit:	GPS LMK #:
Camera: Iphone		Photo #s: 574 - 578	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☑ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):
Box Culvert 10'X5' - No flow into Culvert Pond on Outfall side.

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☐ Single ☐ Double ☑ Triple ☐ Other: ____	Diameter/Dimensions: 10 X 5	In Water: ☐ No ☑ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☑ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☑ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

MS4 Outfall Inspection Form

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☑ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☑ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☑ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☑ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☑ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

SWOF-12 Point Clear Creek

IMG_0575-View Upstream

IMG_0576-View Upstream

IMG_0577-View Downstream at Pond

IMG_0578-View Downstream

MS4 Outfall Inspection Form

Section 1: Background Data

Subwatershed: Mobile Bailey Creek		Outfall ID: 13 – Bridge	
Today's date: 3/30/21		Time (Military): 900am	
Investigators: A Campbell		Form completed by: A Campbell	
Temperature (°F): 70°	Rainfall (in.): Last 24 hours: .01	Last 48 hours: .01	
Latitude: 30° 28' 14.79	Longitude: 87° 54' 29.0119	GPS Unit:	GPS LMK #:
Camera: IPhone		Photo #s: 564-569	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☑ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g.., origin of outfall, if known):
South 32 –

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☐ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: Bridge 68'	In Water: ☐ No ☐ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

SWOF-13

MS4 Outfall Inspection Form

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☑ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☑ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

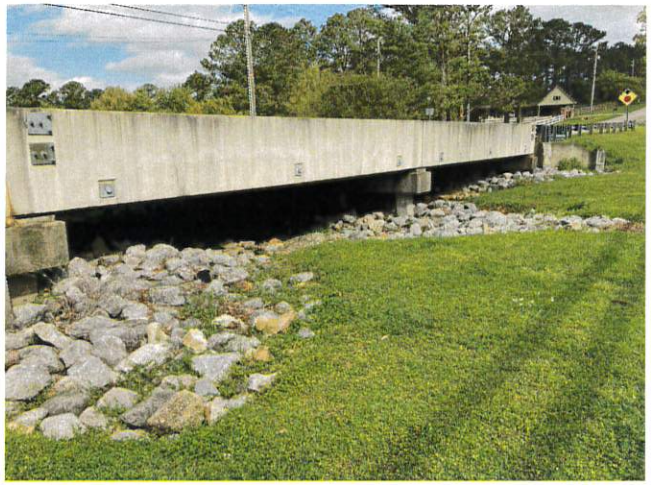
☑ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☑ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

SWOF-13 Bailey Creek



IMG_0571-View Upstream

IMG_0572-View Downstream

MS4 Outfall Inspection Form

Section 1: Background Data

Subwatershed: Mobile Point Clear Creek		Outfall ID: 14 – Bridge	
Today's date:		Time (Military): 855am	
Investigators: A Campbell		Form completed by: A Campbell	
Temperature (°F): 71°C	Rainfall (in.): Last 24 hours: .01	Last 48 hours: .01	
Latitutde: 30° 29 8.775	Longitude: 87° 55 56.413	GPS Unit:	GPS LMK #:
Camera: Iphone		Photo #s: 564 – 569	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☑ Suburban Residential
- ☑ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: Grand Hotel
- Known Industries: _____

Notes (e.g.., origin of outfall, if known):

Bridge 34' – Tidally Influenced (No issues documented)

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☐ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 34'	In Water: ☐ No ☑ Partially ☑ Fully With Sediment: ☐ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☑ In-Stream	(applicable when collecting samples)				
Flow Present?	☑ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☑ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

SWOF-14

MS4 Outfall Inspection Form

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☑ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☑ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☐ Unlikely ☑ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☑ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☑ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

SWOF-14 Point Clear Creek

IMG_0565-View Upstream

IMG_0566-View Upstream

IMG_0567-View Downstream

IMG_0569-View Downstream

MS4 Outfall Inspection Form

Section 1: Background Data

Subwatershed: Mobile Corn Branch		Outfall ID: 15 - Pipe	
Today's date: 3/29/21		Time (Military): 1107 am	
Investigators: A Campbell		Form completed by: A Campbell	
Temperature (°F): 75	Rainfall (in.): Last 24 hours: .01	Last 48 hours: .01	
Latitude: 30° 37' 32.6 26	Longitude: 87°46' 56.4135	GPS Unit:	GPS LMK #:
Camera: Iphone		Photo #s: 360 - 380	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☑ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

Erosion near Pipe / Minor debris (East of Pipe Nice Wetland)

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☐ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 28	In Water: ☑ No ☐ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

SWOF-15

MS4 Outfall Inspection Form

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☑ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☑ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☑ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☑ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☑ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

SWOF-15 Corn Branch

IMG_0372-View Upstream

IMG_0377-View Downstream

MS4 Outfall Inspection Form

Section 1: Background Data

Subwatershed: Mobile Corn Branch		Outfall ID: 16 - Pipe	
Today's date: 3/29/21		Time (Military): 1:20 pm	
Investigators: ACampbell		Form completed by: ACampbell	
Temperature (°F): ~75	Rainfall (in.): Last 24 hours: .01	Last 48 hours: .01	
Latitude: 30° 37' 32.698	Longitude: 87° 46' 48.239	GPS Unit:	GPS LMK #:
Camera: Iphone		Photo #s: 381 - 388	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☑ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: Agricultural
- Known Industries: _____

Notes (e.g., origin of outfall, if known):
Agriculture Fields Adjacent to Outfall

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ Closed Pipe	☐ RCP ☑ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☐ Single ☑ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 54"	In Water: ☐ No ☑ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☑ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☑ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

SWOF - 16

MS4 Outfall Inspection Form

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☑ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☑ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☑	☐ Brown ☐ Orange ☑ Green ☐ Other:	Fertilizers (Potential)

Section 6: Overall Outfall Characterization

☐ Unlikely ☑ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

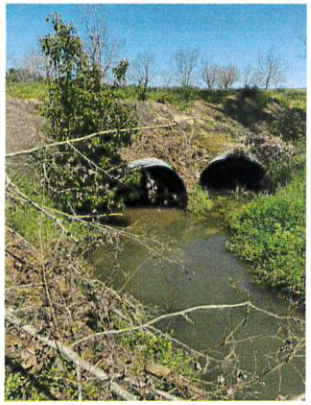
1. Sample for the lab?	☐ Yes	☑ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☑ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

SWOF-16 Corn Branch

IMG_0386-View Upstream

IMG_0385-View Upstream



IMG_0384-View Downstream

IMG_0381-View Downstream

MS4 Outfall Inspection Form

Section 1: Background Data

Subwatershed: Mobile Muddy Branch		Outfall ID: 17 - Box Culvert	
Today's date: 3/23/21		Time (Military): 1:54 pm	
Investigators: ACampbell		Form completed by: ACampbell	
Temperature (°F): 71	Rainfall (in.): Last 24 hours: .01	Last 48 hours: .01	
Latitude: 30°42' 55.314	Longitude: 87 53 40.18	GPS Unit:	GPS LMK #:
Camera: 30°42' 55.31 Iphone		Photo #s: 278 - 286	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☑ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g.., origin of outfall, if known):

Concrete 16'x4' Box Culvert

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☑ Box ☐ Other: ____	☐ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 16x4'	In Water: ☐ No ☑ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☑ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☑ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

SWOF-17

MS4 Outfall Inspection Form

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☑ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☑ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☑	☐ Brown ☐ Orange ☑ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☐ Unlikely ☑ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1.	Sample for the lab?	☐ Yes	☑ No
2.	If yes, collected from:	☐ Flow	☐ Pool
3.	Intermittent flow trap set?	☐ Yes	☑ No If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

SWOF-17 Muddy Branch

IMG_0281-View Upstream

IMG_0279-View Downstream

MS4 Outfall Inspection Form

Section 1: Background Data

Subwatershed: Mobile Bay Branch		Outfall ID: 18 Pipe	
Today's date: 3/29/21		Time (Military): 252	
Investigators: ACampbell		Form completed by: ACampbell	
Temperature (°F): ~72	Rainfall (in.): Last 24 hours: .01	Last 48 hours: .01	
Latitude: 30° 40' 45.989	Longitude: -87 49 20.674	GPS Unit:	GPS LMK #:
Camera: Iphone		Photo #s: 429 - 435	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☑ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):
Trash noted @ Outfall 36" RCP

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☐ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 36"	In Water: ☑ No ☐ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☑ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow	Flow depth		In	Tape measure
	Flow width	____ ' ____ "	Ft, In	Tape measure
	Measured length	____ ' ____ "	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

SWOF 18

MS4 Outfall Inspection Form

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☑ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☑ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☑ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☑ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☑ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

SWOF-18-Bay Branch

IMG_0433-View Upstream

IMG_0430-View Downstream

MS4 Outfall Inspection Form

Section 1: Background Data

Subwatershed: Mobile Fly Creek		Outfall ID: 20 - Pipe	
Today's date: 3/29/21		Time (Military): 454 pm	
Investigators: ACampbell		Form completed by: ACampbell	
Temperature (°F): 73	Rainfall (in.): Last 24 hours: .11	Last 48 hours: .01	
Latitutde: 30° 32 17.546	Longitude: 87.51 47.752	GPS Unit:	GPS LMK #:
Camera: Iphone		Photo #s: 496 – 505	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☑ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g.., origin of outfall, if known):

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	☑ RCP ☑ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☑ Circular 1 ☐ Elliptical 3 ☐ Box ☐ Other: ____	☐ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 2x40x27 cmp 17" round 40x27 RCP	In Water: ☐ No ☐ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☑ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow	Flow depth		In	Tape measure
	Flow width	____ ' ____ "	Ft, In	Tape measure
	Measured length	____ ' ____ "	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

SWOF-20

MS4 Outfall Inspection Form

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☑ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☑ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☑ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

SWOF-20 Fly Creek

IMG_0496-View Upstream

IMG_0501-View Downstream

MS4 Outfall Inspection Form

Section 1: Background Data

Subwatershed: Mobile Fish River		Outfall ID: 21-	
Today's date: 3/29/21		Time (Military): 506 pm	
Investigators: ACampbell		Form completed by: ACampbell	
Temperature (°F): 73	Rainfall (in.): Last 24 hours: .01	Last 48 hours: .01	
Latitude: 30 31 25.095	Longitude: 87 51 47.75	GPS Unit:	GPS LMK #:
Camera: Iphone		Photo #s: 506 - 517	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☑ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☐ Single ☑ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 44 x 72	In Water: ☐ No ☐ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☑ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

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MS4 Outfall Inspection Form

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☐ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☐ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

SWOF-21 Fish River

IMG_0512-View Upstream

IMG_0507-View Downstream

MS4 Outfall Inspection Form

Section 1: Background Data

Subwatershed: Mobile-Titi Swamp		Outfall ID: 22	
Today's date: 3/30/21		Time (Military): 843	
Investigators: ACampbell		Form completed by: ACampbell	
Temperature (°F): 68	Rainfall (in.): Last 24 hours: .01	Last 48 hours: .01	
Latitutde: 30°30'14.532	Longitude: 87°55'18.894	GPS Unit:	GPS LMK #:
Camera: Iphone		Photo #s: 552 563	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☑ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):
Sewer Pump Station on SE Corner of Outfall

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☑ Box ☐ Other: ____	☐ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 8' X 6'	In Water: ☐ No ☑ Partially ☐ Fully With Sediment: ☐ No ☑ Partially Historic ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☑ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☑ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

SWOF-22

MS4 Outfall Inspection Form

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☑ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☑	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☑ Other: Foam	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☑ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☐ Unlikely ☑ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☑ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

SWOF-22 Titi Swamp

IMG_0558-View Upstream

IMG_0561-View Downstream

MS4 Area Report (Complaints) = 0

From 04/01/20 to 03/31/21

MS4 Outfall Inspection Form

Section 1: Background Data

Subwatershed:		Outfall ID:	
Today's date:		Time (Military):	
Investigators:		Form completed by:	
Temperature (°F):	Rainfall (in.): Last 24 hours:	Last 48 hours:	
Latitude:	Longitude:	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g.., origin of outfall, if known):

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☐ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: _____	In Water: ☐ No ☐ Partially ☐ Fully With Sediment: ☐ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

MS4 Outfall Inspection Form

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☐ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☐ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed:		Outfall ID:	
Today's date:		Time (Military):	
Investigators:		Form completed by:	
Temperature (°F):	Rainfall (in.): Last 24 hours:	Last 48 hours:	
Latitude:	Longitude:	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

☐ Industrial
☐ Ultra-Urban Residential
☐ Suburban Residential
☐ Commercial
☐ Open Space
☐ Institutional
Other: _____
Known Industries: _____

Notes (e.g., origin of outfall, if known):

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ **Closed Pipe**	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☐ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: _____	In Water: ☐ No ☐ Partially ☐ Fully With Sediment: ☐ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☐ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☐ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☐ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Illicit Discharge Inspection Form

Purpose: The purpose of this form is to document the observations made during an investigation of a potential non-storm water discharge into the County's MS4.

Inspection Information

Inspection Type: ☐ Initial ☐ Scheduled ☐ Follow-up ☐ Response to Complaint

Inspector Name: _____ Date: _____

Organization: _____ Time: _____

Phone: _____ E-mail: _____

Signature: _____

Name(s) of others accompanying inspector (if any):

Name: _____ Title: _____

Name: _____ Title: _____

Name: _____ Title: _____

Weather Conditions: ☐ Clear ☐ Cloudy ☐ Rain

Previous Rainfall: _____ in on _____ Source: _____

Incident Location

Stream: _____ Latitude: ° ' "

Address: _____ Longitude: ° ' "

Nearby Landmark: _____

Property Type: ☐ County ☐ Commercial ☐ Industrial ☐ Residential
☐ Other: _____

Primary Location: ☐ Stream ☐ Upland Area

Secondary Location: ☐ Outfall ☐ In-Stream Flow ☐ Near Storm Drain
☐ Along Bank ☐ Other: _____

Comments: _____

Observations

1. **Upland Problem Indicators**

☐ None ☐ Dumping ☐ Oil / Chemical ☐ Sewage
☐ Wash Water ☐ Suds ☐ Other: _____

Comments: _____

2. **Stream Corridor Problem Indicators**

Odor ☐ None ☐ Sewage ☐ Oil / Chemical ☐ Sour
☐ Sulfide ☐ Other: _____

Appearance ☐ Normal ☐ Cloudy ☐ Oil / Chemical ☐ Suds
☐ Turbid ☐ Other: _____

Floatables ☐ None ☐ Sewage ☐ Dead Fish ☐ Algae
☐ Other: _____

Comments: _____

3. **Field Screening Data**

Illicit Discharge Inspection Form

Sample Location: _____

Parameters		Results	Comments
1. Temperature	°C		
2. pH	s.u.		
3. Conductivity	µS/cm		
4. Total Dissolved Solids	mg/L		
5. Potassium	mg/L		
6. Ammonia	mg/L		
7. Chlorine	mg/L		
8. E Coli	mg/L		
9. Total Coliform	mg/L		
10. Fluoride	mg/L		
11. Surfactants	mg/L		
12. Detergents	mg/L		
13. Hardness	mg/L		

Comments: (These results will come from laboratory test)_____

_____

_____

4. Potential Source of Non Storm Water Discharge

☐ Sanitary Sewer ☐ Septic System ☐ Oil / Chemical Spill ☐ Vehicle Washing
☐ Construction Activity ☐ Industrial Activity ☐ Building Maintenance ☒ Drain Pipe
☐ Natural Source ☐ Other: _____

Suspect Violator

Name: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Property Type: ☐ County ☐ Commercial ☐ Industrial ☐ Residential
☐ Other: _____

Follow-up Actions

☐ No follow-up actions are required.
☐ Notify Facility of Non-Storm Water Discharge ☐ Yes ☐ No Date : _____
☐ Conduct Follow-up Investigation ☐ Yes ☐ No Date: _____
☐ Refer to County Department
EMA (251) 972-6806 ☐ Yes ☐ No Date: _____
HWY (251) 937-0371 ☐ Yes ☐ No Date: _____
Health DP (251) 947-3557 ☐ Yes ☐ No Date: _____
☐ Non-Storm Water Discharge Eliminated ☐ Yes ☐ No Date: _____
☐ Notify ADEM ☐ Yes ☐ No Date: _____
☐ Other

Comments: _____

_____

_____

BCHD GUIDELINES FOR OPERATIONS

Activity/Sub-Activity Description: Illicit Discharge Detection and Elimination / Hazardous Materials

Activity Code Number: 503

Administered by: Operations Section

Definition/Scope: This process is used by Baldwin County Highway Department employee(s) for dealing with spills that may contain hazardous materials. Any dangerous good (solid, liquid or gas) that can harm people, other living organisms, property or the environment is considered a hazardous material.

Customer: The customers for this process are the County Commission, the County Engineer, Department Heads, Citizens, Environmental Agencies and Highway Department staff.

Objectives: **LIFE SAFETY FIRST – I'M SAFE, YOU'RE SAFE, WE'RE SAFE**

- If safe to do so, remove any victim(s) from the immediate vicinity of the spill, remembering that they are contaminated
- Consider evacuation

Please refer to the 1996 North American Emergency Response Guidebook

Implementation Plan: (for spills containing petroleum based products)

- Spill only – less than 25 gallons, not in water – notify supervisor, dyke product to prevent runoff and initiate clean up procedures
- Spill only in excess of 25 gallons or in water – notify 911 and request EMA, notify supervisor, notify ADEM, dyke product to prevent runoff, and notify hazmat contractor for clean up
- Spill with injury – call 911 and request EMS, Fire Department and EMA, notify supervisor to notify HR, dyke product to prevent runoff (quantities still apply)

Critical Information:

- On Scene Contact Name
- On Scene Contact Number
- Location –physical address, street, mile marker, direction (East, West etc.)
- City or County
- Road/Lane closures
- Type of material spilled

Please refer to the attached contractor contact list for cleanup contractors needed during spills.

Follow-up Plan: Actions shall be taken to minimize the spill location

Procedure to Accomplish:

Responsibilities Summary: The Baldwin County Highway Department shall take immediate precautionary measures to ensure the spill is contained and the appropriate authorities have been notified.

BCHD GUIDELINES FOR OPERATIONS

Activity/Sub-Activity Description: Illicit Discharge Detection and Elimination / Sewer Detection

Activity Code Number: 503

Administered by: Operations Section

Definition/Scope: This process is used by Baldwin County Highway Department employee(s) for dealing with detection of sewer leakage / spills.

Customer: The customers for this process are the County Commission, the County Engineer, Department Heads, Citizens, Environmental Agencies and Highway Department staff.

Objectives:

- County Employee performs routine site inspection
- The following parameters shall be looked for during the inspection:
  Grayish Turbidity, Odor, Floatables, Algae-growth and Bacterial growth.
- If any of the above are detected during the inspection, sanitary sewer or a failing septic system may be the root of the problem.
- The County shall immediately notify the Baldwin County Health Department at 251-947-3618.

Implementation Plan:

- In the event that sewer spill is detected, the following parties shall be notified:
  - Supervisor
  - Health Department
  - ADEM
  - Utility / Facility Owner (as applicable)

Please refer to the contractor contact list for cleanup contractors needed during spills.

Follow-up Plan:

Procedure to Accomplish:

Responsibilities Summary: The Baldwin County Highway Department employee responsible for performing inspection to determine if sewer spill has occurred.

BCHD GUIDELINES FOR OPERATIONS

Activity/Sub-Activity Description: Outfall Reconnaissance Inventory

Activity Code Number: 523

Administered by: Operations Section

Definition/Scope: This process is used by Baldwin County Highway Department employee(s) for Identifying & collecting at the Outfall Reconnaissance

Customer: The customers for this process are the County Commission, the County Engineer, Department Heads, Citizens, Environmental Agencies and Highway Department staff.

Objectives: Find Outfall Reconnaissance points and map locations

Implementation Plan: Follow this procedure for Outfall Reconnaissance points.

Follow-up Plan: Use maps as a guide for locations to take samples at Outfall Reconnaissance points.

Procedure to Accomplish: See below

- Use USGS maps to identify perennial and intermediate streams in the MS4 area
- Use the county GIS database to overlay the USGS map with the county maintained road system
- Identify the locations where the two intersect. These are your outfall locations
- Label the outfall locations numerically
- If more than one of their points intersects state waters at the same location, identify those additional location's with sub letters i.e. A,B,C,D
- Field verify all locations to ensure conditions are accurately captured
- Capture subwatershed, latitude, longitude, and fill out Outfall Inspection form
- Create a location map of each inspection point to attach to the Outfall Inventory Inspection form
- Inspect the outfall every 5 years

BCHD GUIDELINES FOR OPERATIONS

Activity/Sub-Activity Description: Illicit Discharge Detection and Elimination / Dry Weather Screening

Activity Code Number: 503

Administered by: Operations Section

Definition/Scope: This process is used by Baldwin County Highway Department employee(s) dry weather screening.

Customer: The customers for this process are the County Commission, the County Engineer, Department Heads, Citizens, Environmental Agencies and Highway Department staff.

Objectives:

- Conduct inspections during dry weather periods
- Characterize and record observations on basic sensory and physical indicators

Implementation Plan:

- If an illicit discharge is detected, please follow the Illicit Discharge Standard Operating Procedure

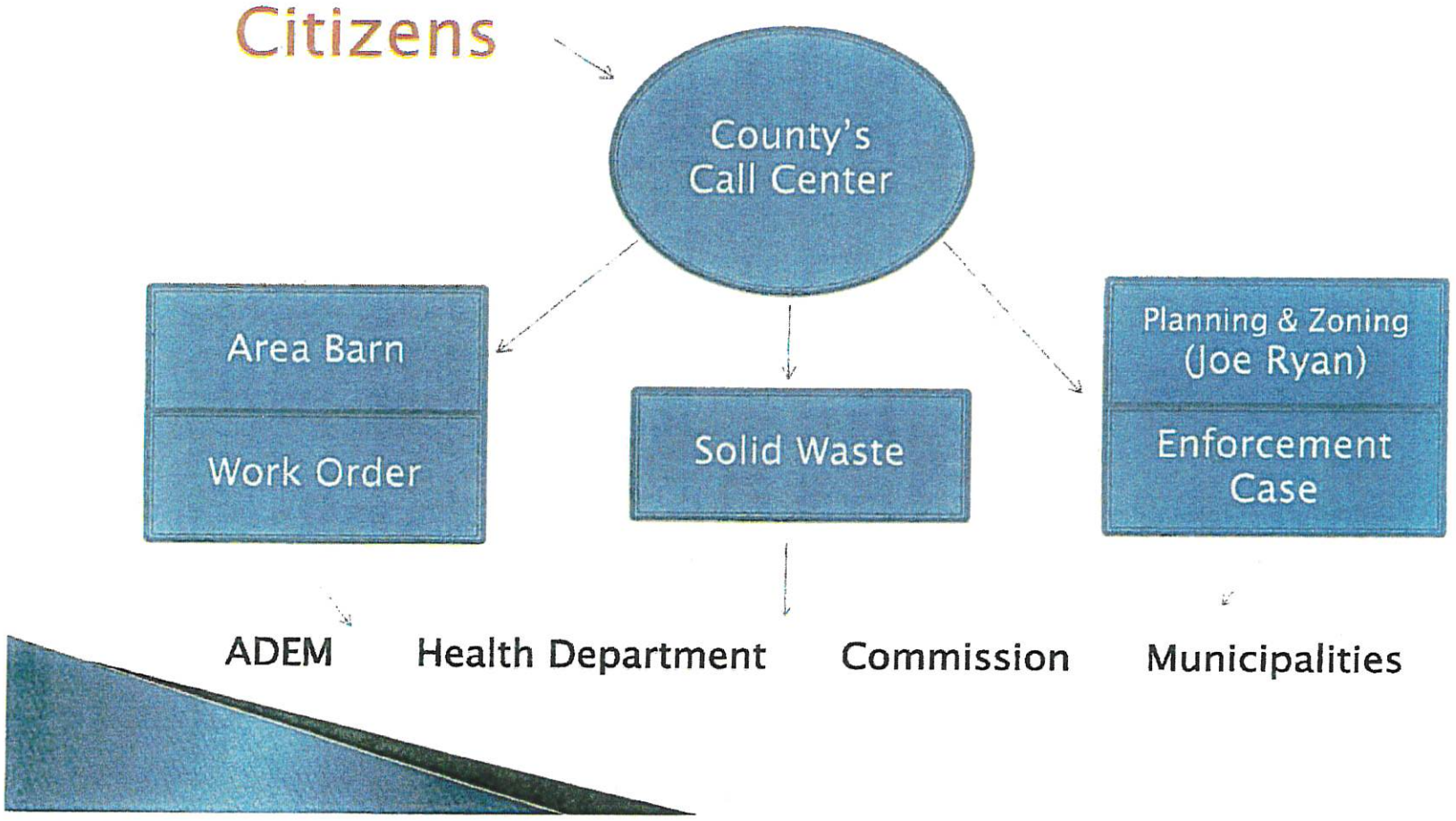
Follow-up Plan:

- Perform inspections of MS4 area at least once per permit cycle.
- If dry weather flow is present at the outfall, and the flow does not appear to be an obvious illicit discharge, attempt to identify the source of the flow then document the discharge for future comparison.
- Fill out MS4 Outfall Inspection Form
- Take photos for record.

Procedure to Accomplish:

Responsibilities Summary: The Baldwin County Highway Department employee responsible for performing dry weather screenings shall be responsible for implementing this SOP.

Complaint Tracking System



Appendix D

Construction Site Storm Water Runoff Control

BALDWIN COUNTY COMMISSION

PLANNING AND ZONING DEPARTMENT

Main Office (Mailing)
PO Box 220
Silverhill, AL 36576
Phone: (251) 580-1655
Fax: (251) 580-1656

Main Office (Physical)
22070 Highway 59
Robertsdale, AL 36567
Phone: (251) 580-1655
Fax: (251) 580-1656

Foley Satellite Office
201 East Section Street
Foley, AL 36535
Phone: (251) 972-8523
Fax: (251) 972-8520

BEFORE YOU BUILD, BUY OR SUBDIVIDE

Property owners and potential buyers should conduct the proper due diligence before building on, buying or subdividing land. Due diligence is the owner's responsibility and failure to perform such thorough research could result in a significant self-imposed hardship. The following notice contains information to consider and organizations to contact during the research process are listed on the back. For more detailed information, please visit the Planning & Zoning Department's website at: www.planning.co.baldwin.al.us.

- **Zoning** – Contact the Planning & Zoning Department to verify the property's zoning designation and permissible uses. You shouldn't buy property in a commercial zoning district if you are planning to build a single family residence. Also, each zoning designation has its own area and dimensional ordinances such as setbacks, density and lot widths that guide property development.

- **Wetlands** – The Planning & Zoning Department can assist in determining the presence of potential wetlands, which could restrict the desired development of the property concerning issues such as density and setbacks. The U.S. Army Corps of Engineers holds jurisdiction over wetlands and water bodies, and could require additional permits before construction can begin.

- **Subdividing** – Contact the Subdivision Division of the Highway Department to make sure the property has been legally subdivided—even if the division has been recorded at the Baldwin County Probate Judge's Office, it may not be a legal subdivision of land. Also, the parameters of each zoning designation such as lot width and density, will determine how you will be able to divide the property.

- **Covenants & Restrictions** – Contact the Recording Division of the Probate Judge's Office to verify whether there are deed restrictions or covenants that may limit the property's specific uses.

- **Flooding** – Visit the property after a weather event such as a thunderstorm, to check for flooding. In certain flood elevations, the Baldwin County Building Inspection Department requires documentation such as Elevation Certificates or engineer-stamped plans, before issuing a building permit.

- **Paved or Dirt Access** – There can be an extreme difference in living on a dirt road than a paved road. Find out if the road is publicly or privately maintained, it could lead to a financial burden in maintaining the road and your vehicle.

- **Property Lines** – You may wish to have a survey performed to verify property lines, which could determine the ownership and responsibility of items such as existing fences or trees.

- **Rights-of-Way and Easements** – Be sure to check for ingress and egress easements, utility easements and public and privately maintained rights-of-way. The Public Land Officer's primary responsibilities include researching and verifying public right-of-way and easement information.

- **Utilities** – Contact local utility companies to verify the availability of utility service. If sewer is not available, then contact the Baldwin County Health/Environmental Department for requirements related to subdividing property.

THIS NOTICE IS NOT LEGAL ADVICE, BUT IS FOR INFORMATIONAL PURPOSES ONLY. IT IS NOT EXHAUSTIVE AND EACH CASE MAY REQUIRE FURTHER RESEARCH.

ESMPO Encourages All To Become Involved

We pledge that public participation is solicited without regard to race, color, national origin, sex, age, religion, disability or family status. Persons who require special accommodations under the Americans with Disabilities Act or those requiring language translation services should contact the Eastern Shore MPO at 251-990-4643 or 251-990-4640

Asistencia de idiomas esta disponible poniéndose en contacto con personal de la MPO en

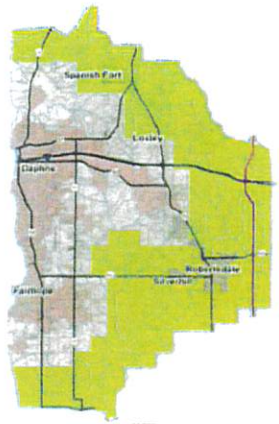
coordinator@easternshorempo.org

Eastern Shore Metropolitan Planning Organization
1100 Fairhope Avenue
Fairhope, Alabama 36532

www.easternshorempo.org
Phone: 251-990-4640, 251-990-4643
E-mail: coordinator@easternshorempo.org

Eastern Shore Metropolitan Planning Organization
1100 Fairhope Avenue
Fairhope, Alabama 36532
www.easternshorempo.org

Eastern Shore MPO



Small Urbanized Area

Smoothed Urban Area

MPO Planning Area

Eastern Shore Metropolitan Planning Organization (ESMPO)

A TRANSPORTATION PLANNING ORGANIZATION

Eastern Shore Metropolitan Planning Organization (ESMPO)
1100 Fairhope Avenue
Fairhope, Alabama 36532
www.easternshorempo.org
Phone: 251-990-4640; 251-990-4643
E-mail: coordinator@easternshorempo.org

A Guide to Local Traffic Improvements

ITS, Diverging Diamond & Roundabouts

ESMPO - A Federally Funded Transportation Planning Organization

Intelligent Transportation Systems (ITS)

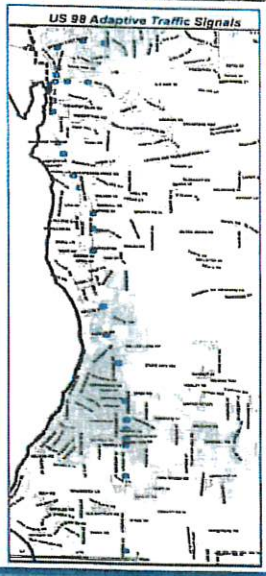
Coming Soon...Adaptive Traffic Signal!

The ITS system is a SCOOT system – The Software and Hardware collects and uses real-time data to adjust traffic signal timing to improve thru-time.

- ITS builds roadway capacity without adding additional lanes.
- Signals are connected to each other and to the system using fiberoptic network.
- Detection includes wireless sensors and traffic cameras.
- Servers and camera feed is housed at the ALDOT Traffic Management Center in Mobile.
- The SCOOT system can improve capacity from 10%-50%
- We will see gradual improvements as the system is online and collecting data. The longer it is online, the better it will work (to a certain threshold).
- The US 98 system is expected to be fully online and operational Summer 2018 (June).
- Side streets may experience longer wait times at signals (US 98 will be a priority).
- The Adaptive Signal project Covers 28 Intersections – From Westminster Blvd. in Spanish Fort To CR 32 in Fairhope.

The US 98 Adaptive Traffic Signal project is a cooperative effort between: ESMPO, ALDOT, City of Fairhope, City of Daphne, City of Spanish Fort, and the Baldwin County Commission.

ALDOT's Traffic Management Center - Mobile



Plan Review – Development

BCHD GUIDELINES FOR OPERATIONS

Activity/Sub-Activity Description: Subdivision Review & Permitting

Activity Code Number: 802

Administered by: Office Administrator (OA), Permit/Subdivision Mngr. (PM), Engineering Tech (ET) of the Permit Section

Definition: This activity is to ensure residential & commercial Subdivisions abide by the Baldwin County Subdivision Regulations.

Procedure to Accomplish:

FOR ETJ CASES:

1) Applicant submits a Development Permit application
2) OA looks over the application to ensure all requested information is given (20 min Process Time (PT)
   - If application is lacking information this information must be gathered before the review process is initiated
   - Once the application contains all applicable information the review process can continue
3) OA creates a file for the application (40 min PT)
   - Assign the file a number (look in database for next available number)
   - Create both a physical folder as well as a digital folder
4) OA sends out copies of plat to necessary parties, request approvals from utility companies (30 min PT)
5) PM performs review of application (Utilize Subdivision Regulations as well as the in-house checklist to determine if all requirements are met and insure the safety of the general public is maintained). If subdivision accesses a non-County maintained road a letter must be sent out to the entity responsible for maintenance to obtain their approval of the plans. (120 min PT)
6) If traffic impact study is warranted the PM obtains quote from approved consultant, receives payment from developer, and gives consultant a notice to proceed for the study. Once the study has been completed the PM determines if any improvements are warranted. (Lead Time (LT) may take several weeks, continue with other steps while this process is underway - 60 min PT)
7) PM visits the site to determine if factors exist that are not seen with the application (30 - 120 min PT)
8) PM determines if the Development Permit meets all applicable requirements and composes letter to send to the applicant and city (30 min PT)
   - If any deficiencies exist the deficiencies should be detailed out to the applicant
   - Once all requirements have been met the permit shall be approved
9) OA sends out the review letter to the applicant and the city (10 min PT)
10) After Development Permit is approved applicant submits Construction Plans for review

BCHD GUIDELINES FOR OPERATIONS

11) OA looks over the application to ensure all requested information is given (20 min Process Time (PT)
   - If application is lacking information this information must be gathered before the review process is initiated
   - Once the application contains all applicable information the review process can continue
12) OA updates the file for the application (15 min PT)
13) PM & ET perform review of application (Utilize Subdivision Regulations as well as the in-house checklist to determine if all requirements are met and insure the safety of the general public is maintained). (180 min PT)
14) PM determines if the Construction Plans meets all applicable requirements and composes letter to send to the applicant and city (30 min PT)
   - If any deficiencies exist the deficiencies should be detailed out to the applicant
   - Once all requirements have been met the permit shall be approved
15) OA sends out the review letter to the applicant and the city (10 min PT)
16) Once the construction plans are approved and all applicable permits have been obtained the PM issues a Subdivision Permit to the applicant granting them permission to begin construction (15 min PT)
17) ET inspects subdivision during construction and issues statement to whether or not the improvements meet the minimum standards or not (See Subdivision Inspection SOP)
18) After construction is complete and improvements have been approved applicant submits Final Plat application
19) OA looks over the application to ensure all requested information is given (20 min Process Time (PT)
   - If application is lacking information this information must be gathered before the review process is initiated
   - Once the application contains all applicable information the review process can continue
20) OA updates the file for the application (15 min PT)
21) PM performs review of application (Utilize Subdivision Regulations as well as the in-house checklist to determine if all requirements are met and the plat does not differ from the previously plat (90 min PT)
22) PM determines if the Final Plat meets all applicable requirements and composes letter to send to the applicant and city (15 min PT)
   - If any deficiencies exist the deficiencies should be detailed out to the applicant
   - Once all requirements have been met the plat shall be approved
23) OA sends out the review letter to the applicant and the city (10 min PT)
24) After the Final Plat is approved the applicant obtains all necessary signatures and submits Final Plat to County to obtain signatures from the Planning Director (if located in a zoned district) and the County Engineer
25) PM reviews Final Plat to ensure nothing has changed from previously approved plat (10 min PT)
26) PM Obtains signatures from necessary staff (10 min PT)
27) Applicant picks up signed Final Plat and takes to the office of Probate for Recording. Once the Final Plat is recorded (5) copies are brought back to the County
28) OA sends out copies of Recorded Plat to necessary parties and files the remaining plat(s) (20 min PT)

Plan Review – Development

DRAINAGE / EROSION CONTROL PLAN CHECKLIST

CASE NAME _____ CASE NO. _____

DISTRICT ____ ZONED _____ REVIEW ENGINEER _____ DATE _____

PARCEL ID _____

APPLICANT INFO _____

_____

_____

Section 5.11.2 Drainage System Standards

(a) _____ Stormwater drainage system separate and independent from any sanitary sewer system
_____ Design narrative and calculations by P.E. licensed in Alabama
_____ Fill does not restrict the flow of water or redirect stormwater to adjacent properties
_____ If water is diverted into an unnatural water system on private land drainage rights must be secured by the applicant and indicated on the plans
_____ Any spring water is carried away by pipe of open ditch (either in ROW or unobstructed drainage easements
(b) _____ Potential upstream development accommodated in design
(c) _____ Downstream drainage facilities adequate for additional runoff

Section 5.11.3 Drainage Systems

(a) _____ Inlets provided to prohibit surface water from running across intersections or for a distance greater than 600' in a gutter
_____ Spread no greater than ½ of the design lane width
(b) _____ Drainageways, drainage systems, bridges and box culverts comply with Baldwin County Design Standards for New Road Construction
_____ Backwater does not flood/adversely affect upstream property
(c) _____ Roadway cross drain pipes / common driveway culverts min 18" (or equivalent arch pipe) RCP
_____ Pipes outside the travel way are ALDOT approved materials
(d) _____ Open ditches must have a flat bottom and max of 3:1 side slopes
_____ V-bottom ditches or other special designs permitted only in special cases
_____ Volume & velocity shown for each different ditch section
_____ Ditch lining based on velocity
_____ Longitudinal grade shall not be less than 0.3%
(e) _____ Rational Method used for areas less than 200 acres, if over 200 acres Regression Equations (rural or urban) and SCS Method only
_____ Kirpich Equation used to determine time of concentration
(f) _____ Scale map of off-site & on-site drainage areas including the slope, type, size, flow, velocity, and headwater/tailwater elevations for each pipe & structure
(g) _____ 3:1 concrete sloped paved headwalls required for pipe culverts (4:1 required on pipe culverts that are parallel to traffic flow)
_____ Headwalls and riprap comply with ALDOT standards

Section 5.13 Erosion and Sedimentation

_____ ADEM approved CBMPP submitted
(a) _____ Erosion and sedimentation control plan submitted with construction plans
(b) _____ Public & private property are protected during land-disturbing activities

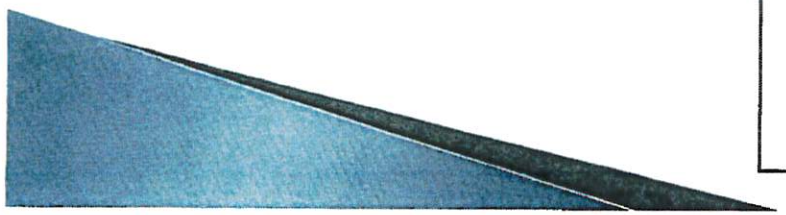
Plan Requirements

- Contact info shown
- Legend
- List of total disturbed acreage
- Construction limits shown
- Existing and/or proposed contours shown & labeled
- Existing and/or proposed storm lines & inlets shown
- Any wetlands shown
- FEMA 100-year flood plain shown
- Phasing of BMPs with construction activities listed/described
- Appropriate BMPs used and identified
- Measures are proposed to control stormwater rates and minimize downstream erosion
- Inlet protection is provided
- Sediment basin/trap provided and/or other measure to control sediment
- Energy dissipaters & outlet protection provided (check toe walls and filter fabric)
- Slopes & embankments stabilized
- BMP details provided (per current Alabama Erosion Control Manual or other standards)
- Stockpile area and batch area shown and labeled
- Areas to be mulched/seeded shown and specified
- Areas to be sodded shown and specified
- Areas of permanent erosion control (other than vegetation) clearly shown
- Construction entrance location & details
- Any other erosion control measures as needed

Plan Review – Roadway

PLAN REVIEW PERCENTAGE COMPLETE REQUIREMENTS										
DESCRIPTION	PRELIMINARY SUBMITTAL 30%	Reviewed	PLAN IN HAND 60%	Reviewed	PS&E 85%	Reviewed	FINAL BACK CHECK 95%	Reviewed	FINAL PLANS 100%	Reviewed
TITLE SHEET	40		60		95		95		100	
PLANS LEGEND	30		80		95		100		100	
INDEX OF SHEETS	30		60		90		100		100	
GENERAL PLAN & TRAFFIC DATA	50		70		90		100		100	
GEOMETRIC CONTROL LAYOUT & DATA	0		60		90		100		100	
TYPICAL SECTIONS	30		60		90		95		100	
PROJECT NOTE SHEET	0		0		80		95		100	
SUMMARY OF QUANTITIES - PAY SHEET	0		0		80		90		100	
SUMMARY OF QUANTITIES - BOX SHEET	0		0		80		90		100	
PLAN SHEETS	30		70		90		95		100	
EROSION CONTROL PLAN	0		70		90		95		100	
PROFILE SHEETS	50		70		90		95		100	
E.O.P. PROFILES	0		70		90		100		100	
PAVING LAYOUTS	30		70		90		95		100	
HYDRAULIC DATA SHEETS	0		70		85		100		100	
DRAINAGE SECTIONS	0		70		85		100		100	
GRADING PLANS	0		70		90		100		100	
TRAFFIC CONTROL PLAN	0		60		85		95		100	
SIGNING PLANS	0		60		85		95		100	
SIGNALIZATION PLANS	0		50		85		95		100	
CLEARING, GRUBBING & UTILITIES	0		60		95		100		100	
BRIDGE/PLANS	0		0		90		0		100	
CROSS SECTIONS	40		70		90		100		100	

Inspections – SOPs

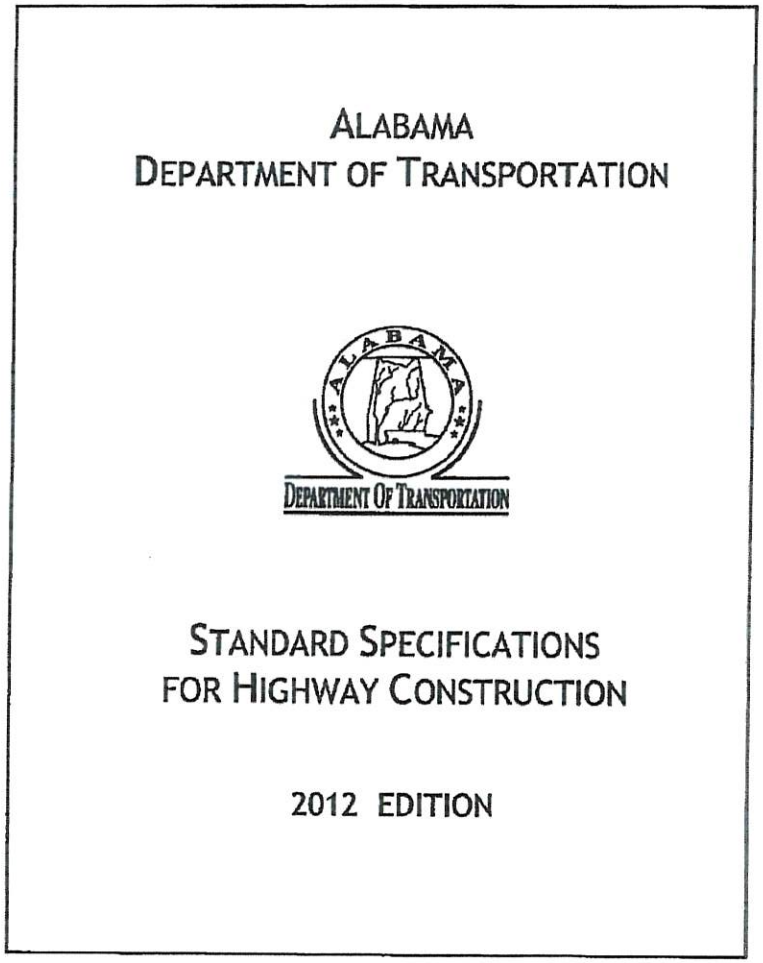


ALABAMA DEPARTMENT
OF TRANSPORTATION

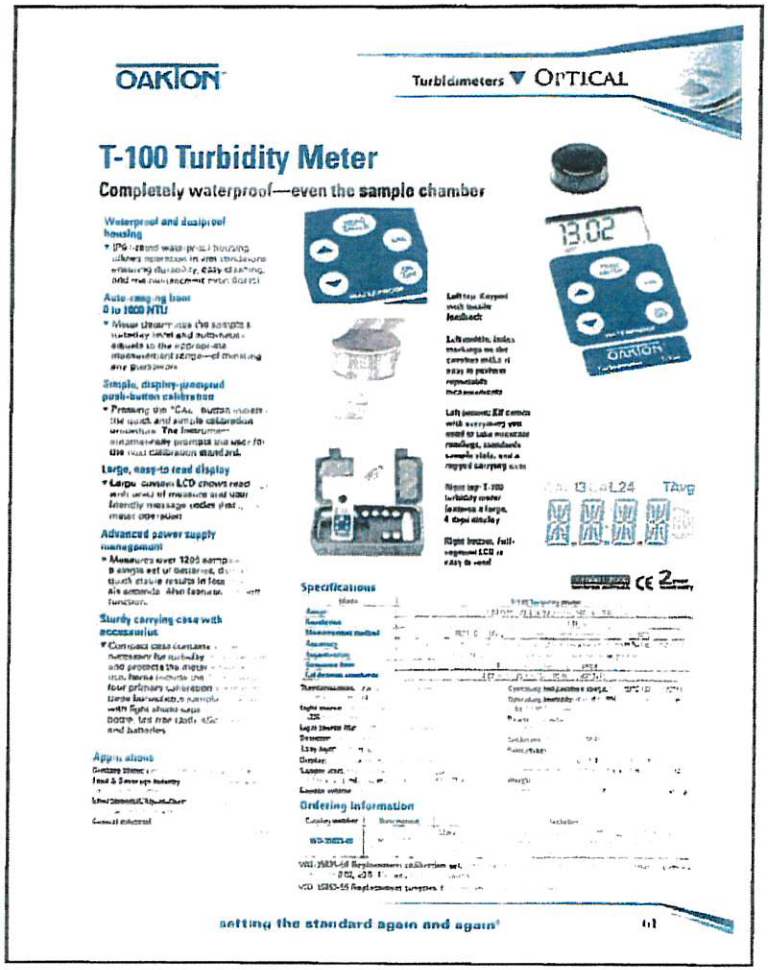
Construction Manual

BUREAU OF CONSTRUCTION

Inspections – SOPs



Inspections – SOPs



OAKTON

Turbidimeters ▼ OPTICAL

T-100 Turbidity Meter

Completely waterproof—even the sample chamber

Waterproof and dustproof housing

- IP67-rated waterproof housing withstands operation in wet conditions, enhancing durability, easy cleaning, and measurement reliability.

Auto-ranging from 0 to 1000 NTU

- Meter automatically selects the optimum range for the most accurate measurement and displays the appropriate.

Simple, display-prompted push-button calibration

- Pressing the "CAL" button initiates the quick and simple calibration procedure. The instrument then prompts the user for the next calibration standard.

Large, easy-to-read display

- Large, custom LCD shows read... and user-friendly message codes that... meter operation.

Advanced power supply management

- Measures over 1200 samples... a single set of batteries. Quick stable results in less than 6 seconds. Auto-Read™ function.

Sturdy carrying case with accessories

- Compact case contains... necessary for turbidity... and protects the meter... case. Items include the... four primary calibration... Stable Read™ 0 sample... with light shield, sam... bottle, lint free cloth, lens... and batteries.

Applications

Environmental, Lab and Field

Food & Beverage Industry

Laboratories, Education

General Industrial

Left to right: Keypad with tactile feedback

Left to right: Index markings on the cuvette aid in easy to perform repeatable measurements

Left to right: Fill cuvette with sample you want to take measurement readings, standards, sample vials, and a rugged carrying case

Right image: T-100 turbidity meter features a large, 4 digit display

Right image: Full-segment LCD is easy to read

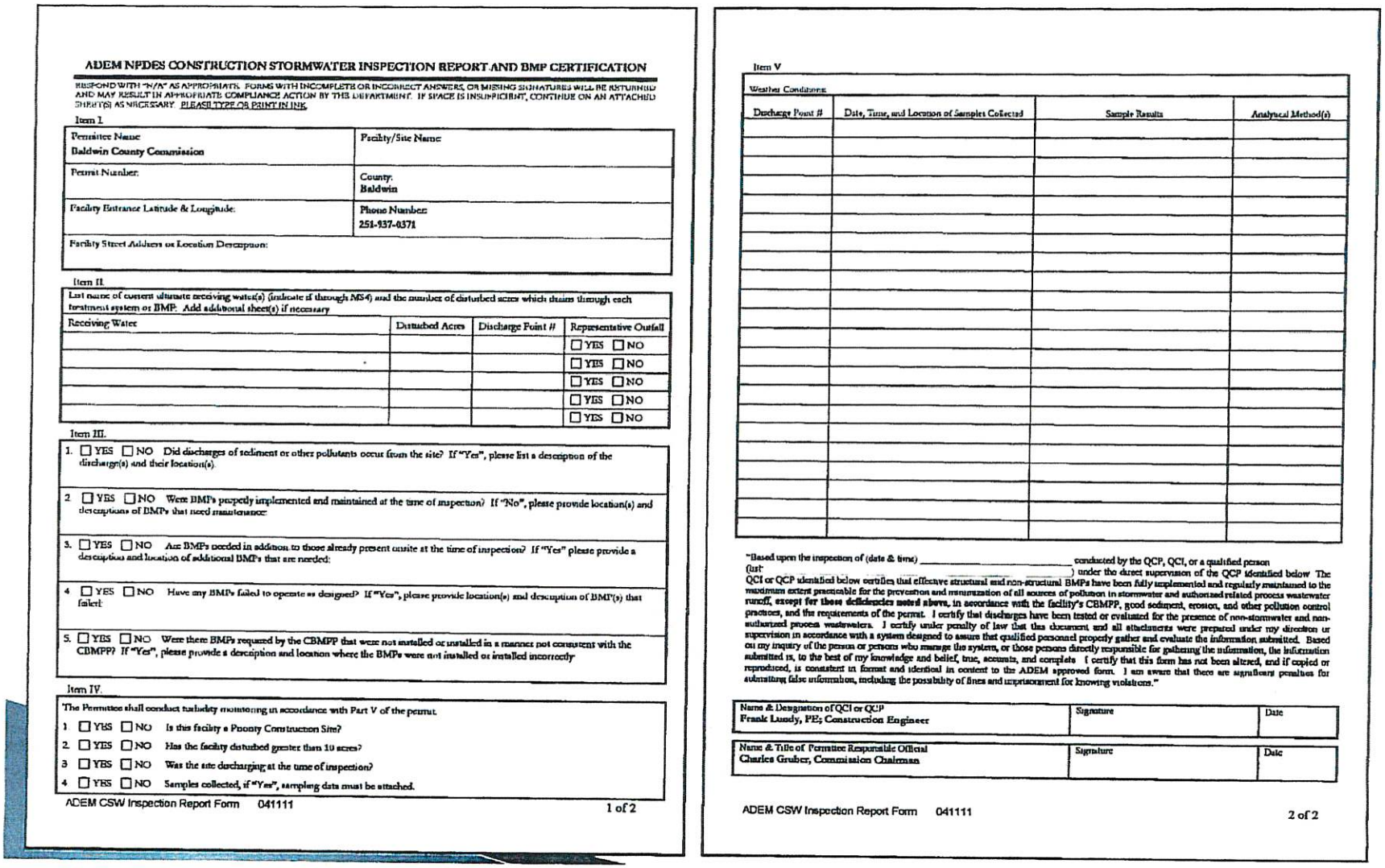
Specifications

Ordering information

setting the standard again and again®

61

Inspections – Checklists



ADEM NPDES CONSTRUCTION STORMWATER INSPECTION REPORT AND BMP CERTIFICATION

RESPOND WITH "N/A" AS APPROPRIATE. FORMS WITH INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL BE RETURNED AND MAY RESULT IN APPROPRIATE COMPLIANCE ACTION BY THE DEPARTMENT. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. PLEASE TYPE OR PRINT IN INK.

Item I.

Permittee Name: **Baldwin County Commission**	Facility/Site Name:
Permit Number:	County: **Baldwin**
Facility Entrance Latitude & Longitude:	Phone Number: **251-937-0371**
Facility Street Address or Location Description:	

Item II.

List name of current ultimate receiving water(s) (indicate if through MS4) and the number of disturbed acres which drains through each treatment system or BMP. Add additional sheet(s) if necessary

Receiving Water	Disturbed Acres	Discharge Point #	Representative Outfall
			☐ YES ☐ NO
			☐ YES ☐ NO
			☐ YES ☐ NO
			☐ YES ☐ NO
			☐ YES ☐ NO

Item III.

1. ☐ YES ☐ NO Did discharges of sediment or other pollutants occur from the site? If "Yes", please list a description of the discharge(s) and their location(s).

2. ☐ YES ☐ NO Were BMPs properly implemented and maintained at the time of inspection? If "No", please provide location(s) and descriptions of BMPs that need maintenance:

3. ☐ YES ☐ NO Are BMPs needed in addition to those already present onsite at the time of inspection? If "Yes" please provide a description and location of additional BMPs that are needed:

4. ☐ YES ☐ NO Have any BMPs failed to operate as designed? If "Yes", please provide location(s) and description of BMP(s) that failed:

5. ☐ YES ☐ NO Were there BMPs required by the CBMPP that were not installed or installed in a manner not consistent with the CBMPP? If "Yes", please provide a description and location where the BMPs were not installed or installed incorrectly:

Item IV.

The Permittee shall conduct turbidity monitoring in accordance with Part V of the permit.

1. ☐ YES ☐ NO Is this facility a Priority Construction Site?
2. ☐ YES ☐ NO Has the facility disturbed greater than 10 acres?
3. ☐ YES ☐ NO Was the site discharging at the time of inspection?
4. ☐ YES ☐ NO Samples collected, if "Yes", sampling data must be attached.

Item V

Weather Conditions:

Discharge Point #	Date, Time, and Location of Samples Collected	Sample Results	Analytical Method(s)

"Based upon the inspection of (date & time) _____ conducted by the QCP, QCI, or a qualified person (list: _____) under the direct supervision of the QCP identified below The QCI or QCP identified below certifies that effective structural and non-structural BMPs have been fully implemented and regularly maintained to the maximum extent practicable for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff, except for those deficiencies noted above, in accordance with the facility's CBMPP, good sediment, erosion, and other pollution control practices, and the requirements of the permit. I certify that discharges have been tested or evaluated for the presence of non-stormwater and non-authorized process wastewaters. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Name & Designation of QCI or QCP: **Frank Lundy, PE; Construction Engineer**	Signature	Date
Name & Title of Permittee Responsible Official: **Charles Gruber, Commission Chairman**	Signature	Date

Development Inspections – SOPs

BCHD GUIDELINES FOR PERMIT INSPECTIONS

Activity/Sub-Activity Description: Permit Inspection

Activity Code Number: 116

Customers: Citizens, County Commissioners, Contractors, Utility Companies, Maintenance Supervisor

Definition/Scope: A Permit Inspection shall be required for all types of private works improvement and activities on a county right of way or that are subject to being handed over to Baldwin County for maintenance. A Permit Inspection will be enforced by a project inspector. A permitted project may consist of but not limited to subdivisions; turnouts; water lines; sewer lines, etc.

Administered by: Engineering Tech (ET) of the Permit Section

Quality Control Measures: The following resources are utilized by the project inspector during inspections:

- Construction Plans
- Erosion Control Plans
- Construction Best Management Practice Plans (CBMMP)
- ALDOT Spec Book
- ALDOT Standard Drawings
- Erosion Control Hand Book
- Baldwin County Subdivision Regulations
- Baldwin County Utility Manual
- Baldwin County Commercial Turnout Permit Application Requirements
- ALDOT QCI Reference Manual

Procedure to Accomplish Permit Inspection:

1) Contractor or citizen submits application.
2) Application is reviewed and approved for construction
3) ET reviews application and plans to gain knowledge of the project.
4) ET schedules preconstruction meeting. During this meeting the ET will discuss the project schedule, meet all parties involved and handout the benchmark inspection requirements. Contact information is typically exchanged at this meeting.
5) Contractor begins work. Contractor is responsible for notifying inspector of any construction activities that require inspections.
6) ET performs periodic inspections depending on type of project and project site sensitivity. This may range from daily inspections to weekly inspections. Inspector shall keep a diary of inspections and record pictures as necessary. An erosion control inspection form will be filled out at least once a month or after large rain events. If a project fails an inspection the inspector will monitor the status daily until corrective measures have been taken. ET shall notify supervisor if contractor will not comply with requirements.
7) Once construction has been completed the ET will perform a final site inspection. An inspection letter will be sent to the applicant notifying them of the status of the project. Inspections shall continue until all deficiencies are addressed.

BALDWIN COUNTY
HIGHWAY DEPARTMENT
P.O. Box 220
SILVERHILL, ALABAMA 36576
TELEPHONE: (251) 937-0371
FAX (251) 937-0291

Schedule of Benchmark Inspections

1. Pre-construction Conference to be hosted by the Developer/Engineering/Contractor
2. BMP after clearing and grubbing - (24 Hour Notice)
3. BMP monitoring drainage structures - (At Will)
4. Detention/Retention Ponds/Outfalls - (At Will)
5. All Roadway Storm Drain Crossings - (24 Hour Notice)
6. All inlet/junction/drop boxes - (24 Hour Notice and At Will)
7. Drainage completion before any base is placed - (48 Hour Notice)
8. If any Bridges, and or Box Culverts are to be erected on project, contractor must coordinate with county bridge inspectors and have separate pre-construction conference for bridge construction.
9. Sub-base road processing – (At Will)
10. Initial Base 1st 4" Lift - (Note: Base width to accommodate curb and gutter will extend 1' from back of curb and gutter.) - (Note: Before curbing is installed, to be proof rolled with a minimum 22-YD. Loaded Tri-Axle) - (24 Hour Notice)
11. All Curb and Gutter – (24 Hour Notice and At Will)
12. Final Base 2nd 4" Lift - (Note To be proof rolled with a minimum 22-YD. Loaded Tri-Axle) - (24 Hour Notice)
13. If crushed aggregate or rock base is used, further inspection may be required
14. Asphalt Binder Layer - (24 Hour Notice) - (Cores to be tested)
15. Asphalt Wearing Layer - (24 Hour Notice) - (Cores to be tested)
16. All miscellaneous concrete work – (Inlet Tops, Headwalls, Sidewalks, Outfalls, etc .) - (24 Hour Notice)
17. Final Inspection of Roads And Right Of Ways-(Note, All Development Standards Required by the BCC Subdivision Regulations) - (48 Hour Notice)

Revision Date 6/2/2009

Permitting – Land Use

BALDWIN COUNTY COMMISSION
PLANNING AND ZONING DEPARTMENT

Main Office (Mailing)
PO Box 220
Silverhill, AL 36576
Phone: (251) 580-1655
Fax: (251) 580-1656

Main Office (Physical)
22070 Highway 59
Robertsdale, AL 36567
Phone: (251) 580-1655
Fax: (251) 580-1656

Foley Office
201 East Section Street
Foley, AL 36535
Phone: (251) 972-8523
Fax: (251) 972-8520

New Single Family Dwelling Land Use Certificate

Application Submittal Checklist

_____ **Baldwin County Land Use Certificate Application**

_____ Application Fee *(see current fee schedule)*

_____ Agent Authorization Form *(if person other than property owner is applying)*

_____ Access (Culvert) Permit from the Baldwin County Highway Department or the Alabama Department of Transportation, whichever is applicable.

_____ Sewer or Septic Tanks – For *Sewer Service* a release from the Sewer Utility Provider is required; for *Septic Tanks* a release from Baldwin County Health Department is required.

_____ Water – A release from the Water Utility Provider is required; if a well is proposed, nothing is required.

_____ Plot Plan or Survey – indicating any existing structures *(with dimensions)*, the proposed structure *(with dimensions)*, and the setbacks from property lines.

_____ Three (3) Complete Sets of Construction Plans

_____ Erosion Control Plan

_____ Any other information deemed necessary to complete review

BALDWIN COUNTY COMMISSION
PLANNING AND ZONING DEPARTMENT

Main Office (Mailing)
PO Box 220
Silverhill, AL 36576
Phone: (251) 580-1655
Fax: (251) 580-1656

Main Office (Physical)
22070 Highway 59
Robertsdale, AL 36567
Phone: (251) 580-1655
Fax: (251) 580-1656

Foley Office
201 East Section Street
Foley, AL 36535
Phone: (251) 972-8523
Fax: (251) 972-8520

Repairs/Alterations of Single Family Dwelling

Land Use Certificate

Application Submittal Checklist

_____ **Baldwin County Land Use Certificate Application**

_____ Application Fee *(see current fee schedule)*

_____ Agent Authorization Form *(if person other than property owner is applying)*

_____ Plot Plan or Survey – indicating any existing structures *(with dimensions)* and the setbacks from property lines.

_____ Itemized list of repairs and estimated cost.

_____ Erosion Control Plan *(if applicable)*

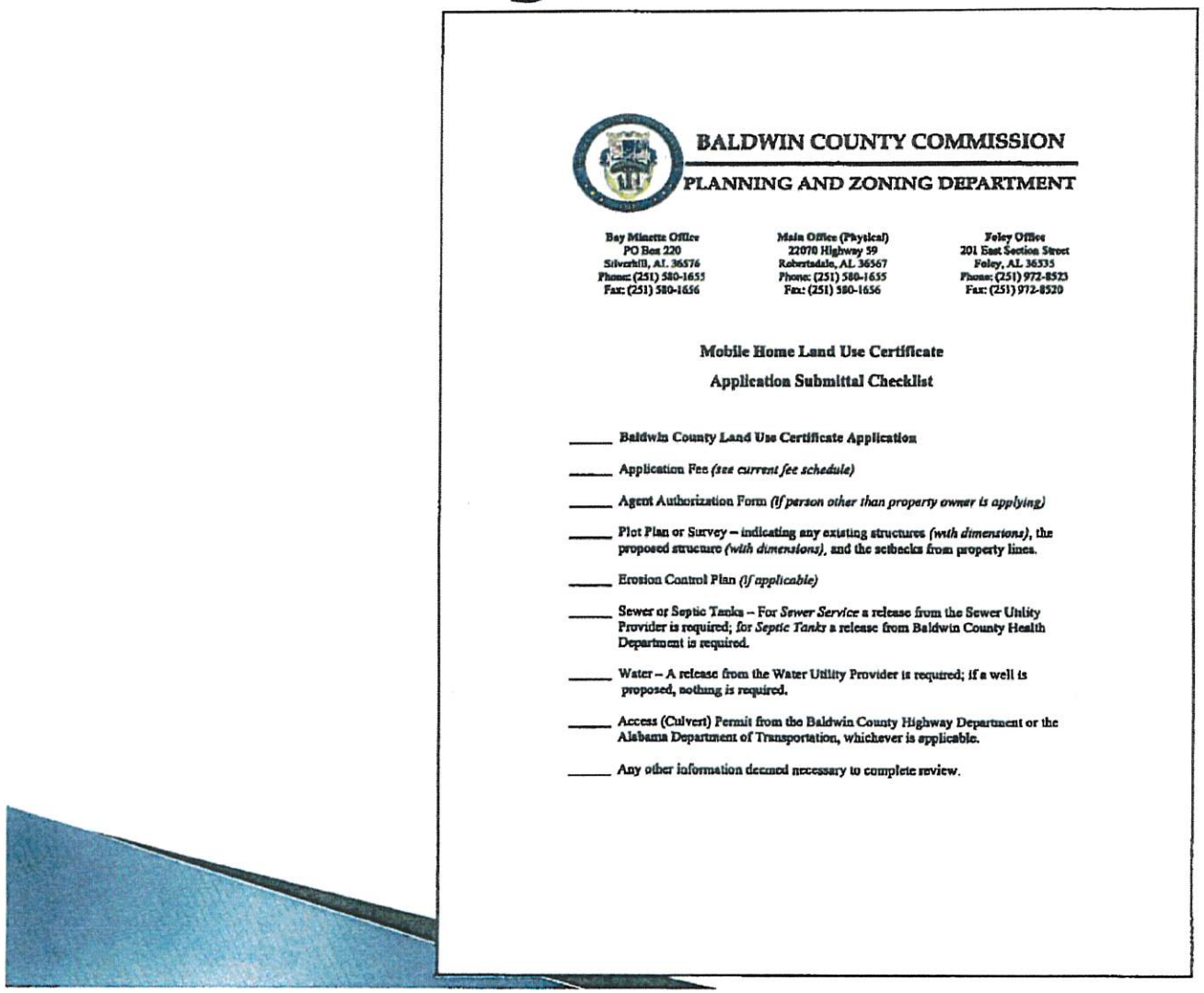
_____ Sewer or Septic Tanks – For *Sewer Service* a release from the Sewer Utility Provider *(if applicable)*; for *Septic Tanks* a release from Baldwin County Health Department is required *(if applicable)*.

_____ Water – A release from the Water Utility Provider is required; if a well is proposed, nothing is required *(if applicable)*.

_____ If new access to the dwelling is proposed, an Access (Culvert) Permit is required from the Baldwin County Highway Department or the Alabama Department of Transportation, whichever is applicable

_____ Any other information deemed necessary to complete review

Permitting – Land Use



BALDWIN COUNTY COMMISSION

PLANNING AND ZONING DEPARTMENT

Bay Minette Office
PO Box 220
Silverhill, AL 36576
Phone: (251) 580-1655
Fax: (251) 580-1656

Main Office (Physical)
22070 Highway 59
Robertsdale, AL 36567
Phone: (251) 580-1655
Fax: (251) 580-1656

Foley Office
201 East Section Street
Foley, AL 36535
Phone: (251) 972-8523
Fax: (251) 972-8520

Mobile Home Land Use Certificate

Application Submittal Checklist

_____ **Baldwin County Land Use Certificate Application**

_____ Application Fee *(see current fee schedule)*

_____ Agent Authorization Form *(If person other than property owner is applying)*

_____ Plot Plan or Survey – indicating any existing structures *(with dimensions)*, the proposed structure *(with dimensions)*, and the setbacks from property lines.

_____ Erosion Control Plan *(If applicable)*

_____ Sewer or Septic Tanks – For *Sewer Service* a release from the Sewer Utility Provider is required; for *Septic Tanks* a release from Baldwin County Health Department is required.

_____ Water – A release from the Water Utility Provider is required; if a well is proposed, nothing is required.

_____ Access (Culvert) Permit from the Baldwin County Highway Department or the Alabama Department of Transportation, whichever is applicable.

_____ Any other information deemed necessary to complete review.

Permitting - Land Use

Office Use Only

Case No. LU - _____ Accepted By: _____ Date: _____

Application Fee: _____ ☐ Paid Check # _____ Receipt # _____

Baldwin County
Land Use Certificate Application

Main Office (Mailing)
PO Box 220
Silverhill, AL 36576
Phone: (251) 580-1655
Fax: (251) 580-1656

Main Office (Physical)
22070 Highway 59
Robertsdale, AL 36567
Phone: (251) 580-1655
Fax: (251) 580-1656

Foley Office
201 East Section Avenue
Foley, AL 36535
Phone: (251) 972-8523
Fax: (251) 972-6320

AN APPROVED LAND USE CERTIFICATE DOES NOT CONSTITUTE APPROVAL FOR A BUILDING PERMIT

Applicant

Are you the property owner? ☐ YES ☐ NO
(If you are not the property owner you must submit Owner Authorization Form signed by the property owner)

Name: _____ Date: _____

Mailing Address: _____

City: _____ State: _____ Zip code _____ - _____

Telephone: (____) ____ - _____ Fax: (____) ____ - _____ e-mail: _____

Site Information

Parcel ID Number: 05-___-___-___-__-___-___-___.___

Physical Address (E-911): _____

Subdivision/Lot/Unit No: _____

Lot Size (acres or square feet): _____ Lot Dimensions: _____ X _____

Are there existing structures on the property? ☐ YES ☐ NO

If yes, please describe: _____

Water and Sewer Information
(Check Appropriate Box)

☐ Septic Tank System ☐ Well

☐ Sewer System ☐ Water System

Name of System: _____ Name of System: _____

(Over, Please Continue to Reverse Side)

LU

Project Description

Use: (Check One)
☐ Single Family ☐ Two-Family ☐ Multi- Family ☐ Commercial

☐ Industrial ☐ Alterations/Repairs ☐ Piers/Boathouse ☐ Accessory Structure

☐ Other (specify) _____

Description of work and the proposed use: _____

This certificate is valid for a six (6) month period after date of issuance. I hereby certify that the information stated on and submitted with this application is true and correct. I also understand that the submittal of incorrect information will result in the revocation of this permit and any worked performed will be at the risk of the applicant. I understand further that any changes which vary from the approved plans will result in the requirement of a new Land Use Certificate.

Applicant Signature: _____ Date: _____

Erosion Control Plan Submitted: ☐ YES ☐ NO

Proposed Installation Date: _____ License No. _____

Comments: _____

Preparer Signature: _____ Date: _____

After application has been reviewed:

☐ I will pick up the approved application after I have been contacted.

☐ I would like the approved application to be forward to the appropriate Building Inspection office.

Office Use Only

Zoning Classification: _____ Planning District _____ Flood Zone: _____

☐ Culvert Permit ☐ Sewer Release ☐ Water Release ☐ Site Plan ☐ Construction Plans ☐ Agent Authorization

☐ State Lands Permit Confirmation # _____ ☐ U.S. Army Corp. Permit ☐ U.S. Fish & Wildlife Permit

Potential Wetlands ☐ YES ☐ NO ARB ☐ YES ☐ NO Study Area: _____ FLU District: _____

Decision: ☐ APPROVED ☐ DENIED

Comments: _____

Zoning Administrator (or designee) Signature: _____ Date: _____

LU

Permitting – Land Disturbance

Office Use Only

Case No. LD - _____ Accepted By: _____ Date: _____

Application Fee: _____ ☐ Paid Check # _____ Receipt # _____

Baldwin County
Land Disturbance Application

Bay Minette Office
312 Courthouse Square, Suite 18
Bay Minette, AL 36507
Phone: (251) 580-1655
Fax: (251) 580-1656

Fairhope Office
1100 Fairhope Avenue
Fairhope, AL 36532
Phone: (251) 990-4625
Fax: (251) 990-4640

Foley Office
201 East Section Street
Foley, AL 36535
Phone: (251) 972-4323
Fax: (251) 972-4320

Applicant

Are you the property owner? ☐ YES ☐ NO
(If you are not the property owner you must submit Owner Authorization Form signed by the property owner)

Name: _____ Date: _____

Mailing Address: _____

City: _____ State: _____ Zip code _____ - _____

Telephone: (___) ___ - _____ Fax: (___) ___ - _____ e-mail: _____

Site Information

Parcel ID Number: 05-___-___-___.___-___-___.___-___-___.___

Physical Address (E-911): _____

Subdivision/Lot/Unit No: _____

Lot Size (acres or square feet): _____ Lot Dimensions: _____ X _____

Are there existing structures on the property? ☐ YES ☐ NO

If yes, please describe: _____

Erosion Control

Revegetation Plan Submitted: ☐ YES ☐ NO Erosion Control Plan Submitted: ☐ YES ☐ NO

Proposed Installation Date: _____ License No. : _____

Comments: _____

_____

Preparer Signature: _____ Date: _____

(Over, Please Continue to Reverse Side)

LD

Project Description

Type of Activity: ☐ Filling ☐ Grading ☐ Excavating ☐ Dredging

Is there existing vegetation on the site? ☐ Yes ☐ No

If so what type? I.e. trees, bushes, etc. _____

Is the project greater than 1 acre of disturbance? ☐ Yes ☐ No
If yes, a Notice of Registration will be necessary. Call ADEM at 432-6533

Notice of Registration # : _____

Corps of Engineers Permit (where applicable) ☐ Yes ☐ No

Is the project located below the 10 foot contour? ☐ Yes ☐ No

Is this project greater than 5 acres of disturbance? ☐ Yes ☐ No
If yes, a Coastal Consistency permit and a Notice of Registration from ADEM will be necessary.
Call 432-6533 for more information.

Description of Work _____

_____

_____

_____

This certificate is valid for a six (6) month period after date of issuance. I hereby certify that the information stated on and submitted with this application is true and correct. I also understand that the submittal of incorrect information will result in the revocation of this permit and any worked performed will be at the risk of the applicant.

Applicant Signature: _____ Date: _____

Office Use Only

Zoning Classification: _____ Planning District: _____ Flood Zone: _____

☐ Culvert Permit ☐ Site Plan ☐ Agent Authorization ☐ Bare Lands Permit Confirmation # _____

☐ U.S. Army Corp. Permit # _____ ☐ U.S. Fish & Wildlife Permit # _____

Potential Wetlands ☐ YES ☐ NO ARB ☐ YES ☐ NO Study Area: _____ FLU District: _____

Decision: ☐ APPROVED ☐ DENIED

Comments: _____

_____

_____

Zoning Administrator (or designee) Signature: _____ Date: _____

LD

Permitting - Land Use

BALDWIN COUNTY COMMISSION
PLANNING AND ZONING DEPARTMENT

Main Office (Mailing)
PO Box 220
Silverhill, AL 36576
Phone: (251) 580-1655
Fax: (251) 580-1656

Main Office (Physical)
22070 Highway 59
Robertsdale, AL 36567
Phone: (251) 580-1655
Fax: (251) 580-1656

Foley Office
201 East Section Street
Foley, AL 36535
Phone: (251) 972-8523
Fax: (251) 972-8520

Land Use Certificate Application
Submittal Checklist
Fort Morgan

_____ **Baldwin County Land Use Certificate Application**

_____ Application Fee *(see current fee schedule)*

_____ Agent Authorization Form *(If person other than property owner is applying)*

_____ Plot Plan or Survey – indicating any existing structures *(with dimensions)*, the proposed structure *(with dimensions)* and the setbacks from property lines.

_____ Two (2) Complete Sets of Construction Plans

_____ Erosion Control Plan

_____ Sewer or Septic Tanks – For *Sewer Service* a release from the Sewer Utility Provider is required; for *Septic Tanks* a release from Baldwin County Health Department is required.

_____ Water – A release from the Water Utility Provider is required; if a well is proposed, nothing is required.

_____ Access (Culvert) Permit from the Baldwin County Highway Department or the Alabama Department of Transportation, whichever is applicable.

_____ U.S. Fish & Wildlife Service Permit if the subject property is *South of State Highway 180.*

_____ Any other information deemed necessary to complete review.

d.) structure location, type, size, slope, cfs, inlet elevation, outlet elevation, velocity, headwater elevation, and tailwater elevation;
e.) discharge quantities, pre and post cfs.

5. Erosion Control Plan. Submit plans and specifications that describe the measures/best management practices which are planned to control site erosion during and after construction.

6. Landscaping Plan. Submit plans and specifications that show what existing trees, shrubbery, and other vegetation will be retained on the site, and what trees, shrubbery, and other vegetation will be added to complete the required landscaping/buffering of the property.

7. Permits.
a.) submit evidence of compliance with all state and federal environmental laws as applicable including: NPDES permitting requirements; Coastal Area Management Program permitting requirements; U.S. Fish & Wildlife permitting requirements and; Section 401 and 404 Clean Water Act permitting requirements;
b.) submit copy of access permit from the Alabama Department of Transportation or Baldwin County Highway Department as applicable;
c.) submit sewer release from sewer utility or Health Department septic tank permit as applicable;
d.) submit water release from water utility;
e.) submit copy of Architectural & Preservation District Review Board permit as applicable.

MS4 Issued Land Certificates

Issue Date From: 04/01/2020
Issue Date To: 03/31/2021

Permit#	Address	Status	Issued	Payments
LU20-000003	7135 SANS SOUCI LN	Approved	11/12/2020	25.91
LU20-000093	6945 Standford LN	Approved	11/17/2020	25.91
LU20-000080	4 JUDD TRL	Approved	11/18/2020	25.91
LU20-000105	9306 Greenleaf Dr.	Issued	11/20/2020	25.91
LU20-000145	10032 COUNTY RD 64	Issued	12/08/2020	77.74
LU20-000169	23880 Main ST	Approved	12/09/2020	25.91
LU21-000027	22775 SIBLEY CIR	Denied	01/12/2021	25.91
LU21-000021	25068 JERNIGAN ST	Issued	01/15/2021	25.91
LU21-000071	9250 CHASEWOOD PL	Approved	01/27/2021	25.47
LU21-000097	11109 ELYSIAN CIR	Approved	03/01/2021	25.47
LU21-000208	9265 COLES CT	Approved	03/01/2021	25.47
LU21-000205	6780 S WINDING BROOK DR	Issued	03/02/2021	25.47
LU21-000198	15062 Black & Griffin RD	Issued	03/04/2021	25.47
LU21-000196	7101 RUSHING WATER CT	Issued	03/09/2021	25.47
LU21-000231		Approved	03/09/2021	25.47
LU21-000153	9273 OLD MOBILE RD	Issued	03/10/2021	25.47
LU21-000211	11246 Elysian CIR	Approved	03/17/2021	25.47
LU21-000169	7894 Lake BLVD	Issued	03/19/2021	25.47
LU21-000270	7775 RAEGAN LN	Issued	03/19/2021	25.47
LU21-000175	6862 S WINDING BROOK DR	Issued	03/22/2021	50.95
LU21-000299		Approved	03/23/2021	25.47
LU21-000310	31197 STAGECOACH RD	Issued	03/25/2021	25.47
LU21-000151	24044 U S HWY 98	Issued	03/29/2021	25.47
LD20-000008	10817 AL-180	Issued	12/17/2020	75.00
LD21-000016	29431 STATE HWY 181	Issued	03/19/2021	50.95
LD21-000021	0 SADDLEWOOD LN	Issued	03/23/2021	50.95
	Total Land Use Certificate Count:	23		
	Total Land Disturbance Permit Count:	3		

MS4 Area Report
From 04/01/20 to 03/31/21

Land Disturbance

6 Cases

Case Num	Date Received	Parcel Num
LD-200008	04/06/20	05-43-05-22-0-000-013.076
LD-200009	05/07/20	05-45-07-25-0-000-041.000
LD-200012	06/04/20	05-43-06-23-0-000-028.057
LD-200013	06/04/20	05-43-06-23-0-000-028.056
LD-200014	06/04/20	05-32-08-34-0-000-002.015
LD-200018	07/24/20	05-32-06-23-0-000-001.002

Office Use Only

Case No. LD - 200008 Accepted By: CBates Date: 4-6-20

Application Fee: 25.00 ☑ Paid Check # 1019 Receipt # 12173

Baldwin County
Land Disturbance Application

Main Office (Mailing)
22251 Palmer Street
Robertsdale, AL 36567
Phone: (251) 580-1655
Fax: (251) 580-1656

Main Office (Physical)
22070 Highway 59
Robertsdale, AL 36567
Phone: (251) 580-1655
Fax: (251) 580-1656

Foley Office
201 East Section Avenue
Foley, AL 36535
Phone: (251) 972-8523
Fax: (251) 972-8520

Curt Achee (228) 697-1818

Applicant

Are you the property owner? ☐ YES ☒ NO
(If you are not the property owner you must submit Owner Authorization Form signed by the property owner)

Name: Achee Builders Date:

Mailing Address: P.O. Box 429

City: Pass Christian State: MS Zip code 39571

Telephone: (251) 379 - 6218 Fax: ( ) - e-mail: Cachec@yahoo.com

Site Information

Parcel ID Number: 05-4 3-0 5-2 2-0-0 0 0-0 1 3-0 7 6

Physical Address (E-911): 9673 Milton Jones Road

Subdivision/Lot/Unit No: Mark Trione's Bellforest Subdivision / Lot 1 / Unit 2

Lot Size (acres or square feet): 7.16 acres Lot Dimensions: X

Are there existing structures on the property? ☐ YES ☒ NO

If yes, please describe:

Erosion Control

Revegetation Plan Submitted: ☐ YES ☐ NO Erosion Control Plan Submitted: ☑ YES ☐ NO

Proposed Installation Date: License No. :

Comments:

Preparer Signature Date: 04/08/2020

(Over, Please Continue to Reverse Side)

LD

Project Description

Type of Activity: ☐ Filling ☒ Grading ☐ Excavating ☐ Dredging

Is there existing vegetation on the site? ☒ Yes ☐ No

If so what type? i.e. trees, bushes, etc. Hemp

Is the project greater than 1 acre of disturbance? ☐ Yes ☐ No
If yes, a Notice of Registration or Intent will be necessary. Call ADEM at (251) 450-3400

Notice of Registration/Intent # : _____

Corps of Engineers Permit (where applicable) ☐ Yes ☐ No

Is the project located below the 10 foot contour? ☐ Yes ☐ No

Is this project greater than 5 acres of disturbance? ☒ Yes ☐ No
If yes, a Coastal Consistency permit and a Notice of Registration or Intent from ADEM will be necessary.
Call (251) 450-3400 for more information.

Description of Work _____

****

This certificate is valid for a six (6) month period after date of issuance. I hereby certify that the information stated on and submitted with this application is true and correct. I also understand that the submittal of incorrect information will result in the revocation of this permit and any worked performed will be at the risk of the applicant.

Applicant Signature: _____ Date: 3/31/20

Office Use Only

Zoning Classification: B2 Planning District: 15 Flood Zone: X

☐ Culvert Permit ☑ Site Plan ☑ Agent Authorization ☑ State Lands Permit Confirmation # ALRIDBHA3

☐ U.S. Army Corp. Permit # _____ ☐ U.S. Fish & Wildlife Permit # _____

Potential Wetlands ☐ YES ☑ NO ARB ☐ YES ☑ NO Study Area: _____ FLU District: _____

****

Decision: ☒ APPROVED ☐ DENIED

Comments: _____

Zoning Administrator (or designee) Signature: Linda Lee Date: 4/13/2020

LD

Baldwin County Planning and Zoning Department

Agent Authorization Form

I/We authorize and permit Curt Achee to act as my/our representative and agent in any manner regarding this application which relates to property described as tax parcel ID# 05-43-05-22-0-000-013.076, I/We understand that the agent representation may include but not be limited to decisions relating to the submittal, status, conditions, or withdrawal of this application. In understanding this, I/we release Baldwin County from any liability resulting from actions made on my/our behalf by the authorized agent and representative. I hereby certify that the information stated on and submitted with this application is true and correct. I also understand that the submittal of incorrect information will result in the revocation of this application and any worked performed will be at the risk of the applicant. I understand further that any changes which vary from the approved plans will result in the requirement of a new Land Use Certificate.

*NOTE: *All correspondence will be sent to the authorized representative. It will be the representative's responsibility to keep the owner(s) adequately informed as to the status of the application.*

PROPERTY OWNER(S)

Lee D. Pittman

Name(s) [printed]

P.O. Box 26

Address

Mon Brook, AL

City/State

Montrose, AL 36559

Phone Fax#

Lee D. Pittman 11-20-19

Signature(s) Date

AUTHORIZED AGENT

Curt Achee - Achee Builders

Name(s) [printed]

P.O. Box 429

Address

Pass Christian, MS. 39571

City/State

251-379-6218 N/A

Phone Fax#

11/20/19

Signature(s) Date

rev. 10/9/2015

LANCE R. LEFLEUR
DIRECTOR

KAY IVEY
GOVERNOR

Alabama Department of Environmental Management
adem.alabama.gov
1400 Coliseum Blvd. 36110-2400 ▪ Post Office Box 301463
Montgomery, Alabama 36130-1463
(334) 271-7700 ▪ FAX (334) 271-7950

March 31, 2020

CURT ACHEE
MEMBER
ACHEE BUILDERS LLC
P O BOX 2244
FAIRHOPE AL 36532

RE: Milton Jones Road Storage
Baldwin County (003)

Dear Mr. Achee:

Based on your request, coverage under **General NPDES Permit Number ALR10BHA3** is granted. The effective date of coverage is March 31, 2020.

Coverage under this permit does not authorize the discharge of any pollutant or wastewater that is not specifically identified in the permit and by the Notice of Intent.

You are responsible for compliance with all provisions of the permit including, but not limited to, the performance of required inspections and/or monitoring, and the preparation and implementation of a Construction Best Management Practices Plan (CBMPP) required by the permit.

The Alabama Department of Environmental Management encourages you to exercise pollution prevention practices and alternatives at your facility. Pollution prevention will assist you in complying with permit requirements.

A copy of the General NPDES Permit under which coverage of your discharges has been granted is enclosed. If you have any questions concerning this permit, please contact Stephanie Fontaine by email at stephanie.fontaine@adem.alabama.gov or by phone at (334) 274-4249.

Sincerely,

Jeffery W. Kitchens

Jeffery W. Kitchens, Chief
Water Division

JWK/sjf
Enclosure: Permit
File: NOI

Birmingham Branch
110 Vulcan Road
Birmingham, AL 35209-4702
(205) 942-6168
(205) 941-1603 (FAX)

Decatur Branch
2715 Sandlin Road, S.W.
Decatur, AL 35603-1333
(256) 353-1713
(256) 340-9359 (FAX)

Mobile Branch
2204 Perimeter Road
Mobile, AL 36615-1131
(251) 450-3400
(251) 479-2593 (FAX)

Mobile-Coastal
3664 Dauphin Street, Suite B
Mobile, AL 36608
(251) 304-1176
(251) 304-1189 (FAX)

Alabama Department of Environmental Management

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT GENERAL PERMIT

DISCHARGE AUTHORIZED:	DISCHARGES FROM CONSTRUCTION ACTIVITIES THAT RESULT IN A TOTAL LAND DISTURBANCE OF ONE ACRE OR GREATER AND SITES LESS THAN ONE ACRE BUT ARE PART OF A COMMON PLAN OF DEVELOPMENT OR SALE
AREA OF COVERAGE:	THE STATE OF ALABAMA
PERMIT NUMBER:	ALR10BHA3
RECEIVING WATERS:	ALL WATERS OF THE STATE OF ALABAMA

In accordance with and subject to the provisions of the Federal Water Pollution Control Act, as amended, 33 U.S.C. §§1251-1378 (the "FWPCA"), the Alabama Water Pollution Control Act, as amended, ***Code of Alabama 1975****, §§ 22-22-1 to 22-22-14 (the "AWPCA"), the Alabama Environmental Management Act, as amended,* ***Code of Alabama 1975****, §§22-22A-1 to 22-22A-15, and rules and regulations adopted thereunder, and subject further to the terms and conditions set forth in this permit, the Permittee is hereby authorized to discharge into the above-named receiving waters.*

ISSUANCE DATE: March 29, 2016

EFFECTIVE DATE: April 1, 2016

EXPIRATION DATE: March 31, 2021

Glenda L. Dean

Alabama Department of Environmental Management

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PART I Part I Coverage Under This General Permit

A. Permit Coverage

This permit authorizes, subject to the conditions of this permit, discharges associated with construction activity that will result in land disturbance equal to or greater than one (1) acre or from construction activities involving less than one (1) acre and which are part of a common plan of development or sale equal to or greater than one (1) acre occurring on or before, and continuing after the effective date of this permit, except for discharges identified under Part I.C. of the permit. Coverage under this permit is not required for discharges associated with minor land disturbing activities (such as home gardens or individual home landscaping, repairs, maintenance work, fences and other related activities which result in minor soil erosion), animal feeding operation (AFO) or concentrated animal feeding operation (CAFO) construction activity that has been granted NPDES registration coverage pursuant to Chapter 335-6-7, normal agricultural practices and silvicultural operations as defined in Part V.

B. Eligibility

1. Allowable Stormwater Discharges

This permit authorizes the following stormwater discharges:

(a) Stormwater associated with construction activities defined in Part I.A. of this permit;

(b) The following stormwater discharges have been determined by the Director to require coverage under this permit:

(i) Sites, irrespective of size, whose stormwater discharges have a reasonable potential to be a significant contributor of pollutants to a water of the state, as determined by the Department;

(ii) Sites, irrespective of size, whose stormwater discharges have a reasonable potential to cause or contribute to a violation of an applicable Alabama water quality standard as determined by the Department.

(c) Discharges from support activities (e.g., equipment staging yards, material storage areas, excavated material disposal areas, borrow areas) provided:

(i) The support activity is solely related to the construction site covered under this permit;

(ii) The support activity is not a commercial operation serving multiple unrelated construction projects by different operators, and does not operate beyond the completion of the construction activity at the last construction project it supports; and

(iii) Pollutant discharges from support activity areas are minimized to the maximum extent practicable and do not pose a reasonable potential to exceed applicable water quality standards.

2. Allowable Non-Stormwater Discharges

This permit authorizes the following non-stormwater discharges provided the non-stormwater component of the discharge is in compliance with Part III.D.

(a) Discharges from fire-fighting activities;

(b) Fire hydrant flushings;

(c) Water used to wash vehicles where detergents are not used;

(d) Water used to control dust;

(e) Potable water including uncontaminated water line flushings not associated with hydrostatic testing;

(f) Routine external building wash down associated with construction that does not use detergents;

(g) Pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed) and where detergents are not used. The operator is prohibited from directing pavement wash waters directly into any surface water, storm drain inlet, or stormwater conveyance, unless the conveyance is connected to a sediment basin, sediment trap, or similarly effective control;

(h) Uncontaminated air conditioning or compressor condensate associated with temporary office trailers and other similar buildings;

(i) Uncontaminated ground water or spring water;

(j) Foundation or footing drains where flows are not contaminated with process materials such as solvents;

(k) Landscape irrigation;

C. Prohibited Discharges

The following discharges associated with construction are not authorized by this permit:

1. Stormwater discharges that are mixed with sources of non-stormwater unless such stormwater discharges are:
   (a) In compliance with a separate NPDES permit, or
   (b) Determined by the Department not to be a contributor of pollutants to waters of the State.
2. Stormwater discharges currently covered under another NPDES permit;
3. Wastewater from washout of concrete, unless managed by an appropriate control. (Wastewater from Concrete Batch Plants are prohibited unless such discharges are authorized by and in compliance with a separate NPDES permit);
4. Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds and other construction materials;
5. Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance;
6. Soaps or solvents used in vehicle and equipment washing;
7. Discharges from dewatering activities, including discharges of ground water or accumulated stormwater from dewatering of trenches, excavations, foundations, vaults, or other similar points of accumulation, unless managed by appropriate controls;
8. Discharges to surface waters from sediment basins or impoundments, unless an outlet structure that withdraws water from the surface, unless infeasible, is utilized;
9. Discharges where the turbidity of such discharge will cause or contribute to a substantial visible contrast with the natural appearance of the receiving water;
10. Discharges where the turbidity of such discharge will cause or contribute to an increase in the turbidity of the receiving water by more than 50 NTUs above background. For the purposes of determining compliance with this limitation, background will be interpreted as the natural condition of the receiving water without the influence of man-made or man-induced causes. Turbidity levels caused by natural runoff will be included in establishing background levels;
11. Discharges of any pollutant into any water for which a total maximum daily load (TMDL) has been finalized or approved by EPA unless the discharge is consistent with the TMDL; and
12. Discharges to waters listed on the most recently approved 303(d) list of impaired streams unless the discharge will not cause or contribute to the listed impairment.

PART II Notice of Intent (NOI) Requirements

A. Deadlines for Notices of Intent

Any person wishing to obtain coverage under this general permit shall submit an NOI in accordance with the following schedule:

1. Any person wishing to be permitted to discharge under this general permit shall submit a complete NOI prior to the initiation of construction activity.
2. Any Permittee authorized to discharge under the April 1, 2016 NPDES Construction General Permit, who wishes to continue to discharge upon the expiration of that permit, shall submit a complete NOI to be covered by this reissued General Permit. Such NOI shall be submitted at least 30 days prior to the expiration date of the April 1, 2011 NPDES Construction General Permit.
3. Failure of the Permittee to submit a complete NOI for reauthorization under this permit at least 30 days prior to the previous permit's expiration will void the automatic continuation of the authorization to discharge under that permit as provided by ADEM Admin. Code r. 335-6-6-.06. Should the permit not be reissued for any reason prior to its expiration date, Permittees who failed to meet the 30-day submittal deadline will be illegally discharging without a permit after the expiration date of the April 1, 2016 permit.

B. Continuation of the Expired General Permit

If this permit is not reissued or replaced prior to the expiration date, it will be administratively continued in accordance with the ADEM Administrative Code Chapter 335-6-6 and remain in force and effect if the Permittee submits an updated and complete NOI meeting the requirements of Part II.C. at least 30 days prior to the expiration of this permit. Any Permittee who was granted permit coverage prior to the expiration date will automatically remain covered by the continued permit until the earlier of:

1. Reissuance or replacement of this permit, at which time the Permittee must comply with the Notice of Intent conditions of the new permit to maintain authorization to discharge; or
2. Issuance of an individual permit; or
3. A formal permit decision by the Department not to reissue this general permit, at which time the Permittee must seek coverage under an alternative general permit or an individual permit.

C. Contents of the Notice of Intent (NOI)

1. The NOI shall include:
   (a) A general description of the construction activity for which coverage is desired, which shall be in sufficient detail to allow the Department to determine that the stormwater and non-stormwater discharges are included in the authorized discharges category of this general permit.
   (b) The latitude and longitude to the nearest second of the entrance to the construction site and each point of discharge for which coverage under this general permit is desired. For the purposes of this requirement the entrance to the construction site will be identified as the primary point of access by normal vehicle traffic. For linear projects, the latitude and longitude to the nearest second should be provided for the starting and ending point of the project boundaries.
   (c) Identification of the waterbodies receiving discharges for which coverage under this general permit is desired.
   (d) The correct fee pursuant to ADEM Admin. Code R. 335-1.
   (e) A portion or copy of a recent U.S. Geological Survey map showing the site location.
   (f) A contact person, address and phone number for the site to be covered under the general permit.

(g) For priority construction sites, as defined in Part V, the NOI must be accompanied by a copy of the CBMPP prepared and certified by a QCP as required by Part III.C.

(h) The number of estimated disturbed acres and total site acreage

(i) The estimated start and completion dates of project.

2. The NOI shall be signed by a person meeting the requirements for signatories under ADEM Admin. Code r. 335-6-6-.09 and the person signing the NOI shall make the certification required for submission of documents under ADEM Admin Code r. 335-6-6-.09.

3. The NOI shall be signed by a QCP and shall have the following certification statement: "I certify under penalty of law that a comprehensive Construction Best Management Practices Plan (CBMPP) for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff has been prepared under my supervision for this site/activity, and associated regulated areas/activities. The CBMPP meets the requirements of this permit and if properly implemented and maintained by the operator, discharges of pollutants in stormwater runoff can reasonably be expected to be effectively minimized to the maximum extent practicable according to the requirements of ADEM Administrative Code Chapter r.335-6-6-.23 and this Permit. The CBMPP describes the erosion and sediment control measures that must be fully implemented and regularly maintained as needed at the permitted site in accordance with sound sediment and erosion control practices to ensure the protection of water quality."

D. Submittal of Documents

The Permittee must complete and submit the NOI electronically, using the Department's eNOI system, unless the Permittee submits in writing valid justification as to why the electronic submittal process cannot be utilized and the Department approves in writing the utilization of hard copy submittals. The eNOI system can be accessed at the following link https://app.adem.alabama.gov/eNOI/Default.aspx. Permit requests for initial issuance and modifications of the existing permit should all be submitted through the eNOI system.

All other documents required to be submitted to the Department by this general permit shall be delivered to the following address:

Alabama Department of Environmental Management

Water Division

Stormwater Management Branch

Post Office Box 301463 (Zip Code: 36130-1463)

1400 Coliseum Boulevard (Zip Code: 36110-2059)

Montgomery, Alabama

E. Additional Permittees Under a Single NOI

Multiple operators conducting regulated land disturbances in a common plan of development may jointly submit an NOI. An NOI covering multiple operators must include a site plan clearly describing each operator's areas of operational control.

F. Authorization to Discharge

1. Except as otherwise limited by Part II.F.2 or II.F.3, the operator is authorized to discharge in accordance with the requirements of this permit upon the Department's receipt of a complete and timely NOI which meets the requirements of this permit and ADEM Admin. Code r. 335-6-6-.23.

2. Coverage under this permit is conditionally granted, and the requirement to submit an NOI is suspended for governmental agencies and utilities for construction activity associated with immediate and effective emergency repairs and response to natural disasters, human health or environmental emergencies, or to avert/avoid imminent, probable, or irreparable harm to the environment or severe property damage. The operator or controlling/participating federal, State, or local government agencies/entities conducting emergency construction activity shall document the emergency condition, ensure compliance with the requirements of this permit to the extent possible, and shall notify the Department as promptly as possible regarding the occurrence of the emergency construction disturbance and measures that have been implemented and are being implemented to protect water quality. Unless the requirement to obtain a permit pursuant to the requirements of this permit are suspended or voided by the Director on a categorical or individual emergency basis, the operator shall submit the appropriate project information, NOI, and the required application fee for construction or reconstruction activity after emergency repairs have been accomplished, according to a schedule acceptable to the Department.

3. For priority construction sites, the operator is authorized to discharge thirty (30) days from the Department's receipt of a complete and technically adequate NOI and CBMPP meeting the requirements of Parts II.C. and III.E, unless, within thirty (30) days from the Department's receipt of the NOI, the Department notifies the operator that additional time is needed to review the NOI and CBMPP. Where the operator receives such notification from the Department, that operator may not discharge until the Department formally acknowledges receipt of a complete and technically adequate NOI and CBMPP.

PART III Stormwater Pollution Prevention Requirements

The stormwater control requirements in this Part are the technology-based, non-numeric effluent limitations and conditions that apply to all discharges from construction projects eligible for coverage under this permit. These requirements apply the national effluent limitations guidelines and new source performance standards found at 40 CFR Part 450.

Where the requirements in this Part are stricter than any corresponding Federal, State, or local requirements, the requirements in this permit take precedence.

A. Erosion Controls and Sediment Controls

The Permittee shall design, install, and maintain effective erosion controls and sediment controls, appropriate for site conditions to, at a minimum:

1. Minimize the amount of soil exposed during construction activity through the use of project phasing or other appropriate techniques;
2. Provide and maintain a 25 foot natural riparian buffer around surface waters as discussed in detail in Part III.B.;
3. Control stormwater volume and velocity within the site to minimize soil erosion;
4. Implement measures or requirements to achieve the pollutant reductions consistent with a TMDL finalized or approved by EPA. Applicable TMDLs are located and/or can be accessed at http://adem.alabama.gov/programs/water/approvedTMDLs.htm
5. Control stormwater discharges, including both peak flowrates and total stormwater volume, to minimize channel and streambank erosion and scour in the immediate vicinity of discharge points;
6. Minimize the disturbance of steep slopes, as defined by Part V;
7. Minimize sediment discharges from the site;
8. Minimize the generation of dust through the appropriate application of water or other dust suppression techniques;
9. Minimize all stream crossings;
10. Stabilize all construction entrances and exits; and minimize off-site tracking of sediment from vehicles;
11. Where applicable, install storm drain inlet protection measures to further prevent sediment discharges;
12. Direct stormwater to vegetated areas to increase sediment removal and maximize stormwater infiltration, unless infeasible; and
13. Minimize soil compaction and, unless infeasible, preserve topsoil.
14. Additional Design Requirements
    (a) Sediment control measures, erosion control measures, and other site management practices must be properly selected based on site-specific conditions, must meet or exceed the technical standards outlined in the Alabama Handbook and the site-specific CBMPP prepared in accordance with Part III.D.
    (b) Unless specified otherwise by the Alabama Handbook, sediment control measures, erosion control measures, and other site management practices shall be designed and maintained to minimize erosion and maximize sediment removal resulting from a 2-year, 24-hour storm event.
    (c) The Permittee is encouraged to design the site, the erosion prevention measures, sediment controls measures, and other site management practices with consideration of minimizing stormwater runoff, both

during and following construction, including facilitating the use of low-impact development (LID) and green infrastructure.

B. Provide Natural Riparian Buffers or Equivalent Sediment Controls

Natural riparian buffer requirements apply to all waters of the state adjacent to construction sites or contained within their overall project boundary. A 25-foot natural riparian buffer zone adjacent to all waters of the state at the construction site shall be preserved, to the maximum extent practicable, during construction activities at the site. The natural riparian buffer should be preserved between the top of stream bank and the disturbed construction area. The water quality buffer zone aids in the protection of waters of the state (e.g., perennial and intermittent streams, rivers, lakes, wetlands) located within or immediately adjacent to the boundaries of the project. Natural riparian buffers are not primary sediment control measures and should not be relied on as such. The natural riparian buffer requirement only applies to new construction sites.

1. Compliance Alternatives
   (a) Provide and maintain a 25-foot undisturbed natural riparian buffer; or
      (i) If land disturbances are located 25 feet or further from surface water, then compliance with this alternative has been achieved.
      (ii) Rehabilitation and enhancement of a natural riparian buffer is allowed, if necessary, for improvement of its effectiveness of protection of the waters of the state.
      (iii) Any preexisting structures (e.g., buildings, parking lots, roadways, utility lines, structures, impervious surfaces) are allowed in the natural riparian buffer; provided the Permittee retains and protects from disturbance any additional natural buffer area contained within the natural riparian buffer but outside the preexisting structures footprint.
   (b) Provide and maintain an undisturbed natural riparian buffer that is less than 25 feet and is supplemented by additional erosion and sediment controls, which in combination achieves the sediment load reduction equivalent to a 25-foot undisturbed natural riparian buffer; or
   (c) If it is infeasible to provide and maintain an undisturbed natural riparian buffer of any size, the Permittee must implement erosion and sediment controls that achieve the sediment load reduction equivalent to a 25-foot undisturbed natural riparian buffer.
   (d) All discharges from the area of earth disturbance to the natural riparian buffer must first be treated by the site's erosion and sediment controls, and use velocity dissipation devices if necessary to prevent erosion caused by stormwater within the natural riparian buffer.
   (e) All compliance alternatives must be documented in the CBMPP and comply with all requirements. The natural riparian buffer boundary should be indicated on the site plan.
   (f) Compliance alternatives must be maintained throughout the duration of permit coverage.
   (g) All natural riparian buffer areas should be delineated, and clearly marked off with flags, tape, or similar marking device.
2. Construction activities at sites that have been permitted prior to April 1, 2016, are exempt from the requirements of this Part III.B. Confirmation of permit coverage prior to April 1, 2016, must be submitted with the NOI.
3. If there is no discharge of stormwater to waters of the state through the areas between the construction site and any waters of the state located within 25 feet of the construction site, compliance with this requirement is achieved.
4. Where no natural riparian buffer exists due to preexisting development disturbances (e.g., buildings, parking lots, roadways, utility lines, structures, impervious surfaces) that occurred prior to the initiation of planning for the current development of the site, the Permittee is not required to comply with the requirements in this section, unless portions of the preexisting development will be removed.

5. Where some natural riparian buffer exists but portions of the area within 25 feet of the waters of the state are occupied by preexisting development disturbances (e.g., buildings, parking lots, roadways, utility lines, structures, and impervious surfaces), the Permittee is required to comply with the requirements in this section. Only the portion of the buffer zone that contains the footprint of the existing "structure" is exempt from the natural riparian buffer. Activities necessary to maintain uses are allowed provided that no additional vegetation is removed from the natural riparian buffer.

6. For "linear construction projects", the Permittee is not required to comply with the requirements in this section if site constraints (e.g., limited right-of-way) prevent the Permittee from meeting any of the compliance alternatives provided that, to the extent practicable, disturbances within 25 feet of the water of the state are limited and/or supplemental erosion and sediment controls to treat stormwater discharges from earth disturbances within 25 feet of the waters of the state are provided. It must be documented in the CBMPP as to why compliance with this section is infeasible, and describe any buffer width retained and/or supplemental erosion and sediment controls installed.

7. The following disturbances within 25 feet of a water of the state are exempt from the requirements in this Part:

   (a) Construction approved under a CWA Section 404 permit; or

   (b) Construction of a water-dependent structure or water access area (e.g., pier, boat ramp, seawall, bridge, drainage structure, trail, etc.)

C. Soil Stabilization

Final stabilization of disturbed areas must, at a minimum, be initiated immediately whenever any clearing, grading, excavating or other earth disturbing activities have permanently ceased on any portion of the site. Temporary stabilization of disturbed areas must be initiated immediately whenever work toward project completion and final stabilization of any portion of the site has temporarily ceased on any portion of the site and will not resume for a period exceeding thirteen (13) calendar days.

D. Pollution Prevention Measures

The Permittee must design, install, implement, and maintain effective pollution prevention measures to minimize the discharge of pollutants. At a minimum, such measures must be designed, installed, implemented and maintained to:

1. Minimize the discharge of pollutants from equipment and vehicle washing, wheel wash water, concrete washout, and other wash waters. Wash waters must be treated in a sediment basin or alternative control that provides equivalent or better treatment prior to discharge;

   (a) Liquid waste shall not be directly discharged into storm sewers.

   (b) Washout and cleanout activities should be located as far away as possible from surface waters, natural buffer areas, stormwater inlets, and conveyances.

2. Minimize the exposure of building materials, building products, construction wastes, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, sanitary waste and other materials present on the site to precipitation and to stormwater;

3. Minimize the discharge of pollutants from any spills and leaks from, including but not limited to vehicles; mechanical equipment; chemical storage; and refueling activities; and

4. Use of polymers, flocculants, or other treatment chemicals at the site may only be applied where treated stormwater is directed to a sediment control prior to discharge.

E. Construction Best Management Practices Plan (CBMPP)

1. Except as provided by Part II.F.2, construction activity may not commence until a CBMPP has been prepared in a format acceptable to the Department and certified by a QCP as adequate to meet the requirements of this permit.
2. The NOI and CBMPP must be prepared in accordance with the requirements of this permit by the QCP prior to commencing construction at a new construction site or prior to continued construction at an existing construction site, or as otherwise required by the Director.
3. The Permittee shall properly implement and regularly maintain the controls, practices, devices, and measures specified in the CBMPP.
4. The CBMPP shall include:
   (a) A general description of the construction site activity, including:
      (i) The function of the construction site activity (e.g. residential subdivision, shopping mall, highway, etc.); and
      (ii) Identification of all known operators of the construction site, and the areas of the site over which each operator has control;
   (b) A description of the intended sequence of major activities which disturb soils, including but not limited to, grubbing, excavation, and/or grading;
   (c) Estimates of the total area expected to be disturbed by grubbing, excavation, and/or grading, including offsite borrow and fill areas (if areas are to be included in permit coverage);
   (d) A detailed description (including but not limited to site specific dimensions, storage capacity, and drainage calculations are required for engineered BMPs) of the erosion controls, sediment controls, and management practices to be implemented at the site during each sequence of activity in accordance with Part III.A;
   (e) A clear outline and identification of the 25-foot natural riparian buffer for all sites that discharge directly to waters of the state and where a water of the state lies within the boundaries of the project;
   (f) A detailed description of controls needed to meet State water quality standards, waste load allocations or other measures necessary for consistency with applicable TMDLs finalized or approved by EPA;
   (g) A detailed description of BMPs needed to prevent or eliminate discharges of sediment and other pollutants of concern from priority construction sites;
   (h) A description of temporary and permanent stabilization practices, including a schedule and/or sequence for implementation;
   (i) A description of energy or flow velocity dissipation devices at discharge locations and along the length of any outfall channel;
   (j) Identification of all allowable sources of non-stormwater discharges listed in Part I.B.2, except for flows from fire fighting activities that are or may be combined with stormwater discharges associated with construction activity at the site;
   (k) A description of the pollution prevention measures used to manage non-stormwater discharges;
   (l) A description of the best management practices to be installed during site construction and operated and maintained following final stabilization at sites where the post-construction volumes or velocities of stormwater runoff are significantly different from conditions existing prior to the construction activity;
   (m) A listing of all flocculants or chemical stabilization products to be used at the site, including Material Safety Data Sheets (MSDS) and the dosage(s) to be used and the location(s) where these materials will be used;

(n) The most recent site topographic map (e.g.USGS quadrangle map) at an appropriate contour interval, clearly showing:

(i) Sufficient detail to identify the location of the construction site;

(ii) Existing topography and drainage patterns and features, existing structures proposed roads, utilities, ROWs, and waterbody(s);

(iii) Drainage patterns and approximate slopes anticipated after major grading activities;

(iv) The external and internal (if subdivided) property boundaries of the project;

(v) Areas to be disturbed by excavation, grading, or other activities;

(vi) Identification of sediment control measures, erosion control measures, planned stabilization measures, and other site management practices;

(vii) Locations of all waters of the State within a 1 mile radius of the site

(viii) Locations of wetlands and riparian zones;

(ix) Locations of all points where stormwater leaves the property or after the last point of treatment;

(x) Locations of all points of discharges to waters of the State;

(o) A description of procedures for:

(i) Sweeping or removal of sediment and other debris that has been tracked from the site or deposited from the site onto streets and other paved surfaces;

(ii) Removal of sediment or other pollutants that have accumulated in or near any sediment control measures, stormwater conveyance channels, storm drain inlets, or water course conveyance within or immediately outside of the construction site; and

(iii) Removal of accumulated sediment that has been trapped by sediment control measures at the site, in accordance with applicable maintenance requirements covered under this permit; and .

(p) A description of the procedures for handling and disposing of wastes generated at the site, including, but not limited to, clearing and demolition debris, sediment removed from the site, construction and domestic waste, hazardous or toxic waste, and sanitary waste.

5. Maintain an Updated CBMPP

(a) The CBMPP shall be updated as necessary to address changes in the construction activity, site weather patterns, new TMDLs finalized or approved by EPA, new 303(d) listings approved by EPA, or manufacturer specifications for specific control technologies.

(b) The CBMPP shall be amended if inspections or investigations by site staff or by local, state, or federal officials determine that the existing sediment control measures, erosion control measures, or other site management practices are ineffective or do not meet the requirements of this permit. All necessary modifications to the CBMPP shall be made within seven (7) calendar days following notification of the inspection unless granted an extension of time by the Department.

(c) If existing sediment control measures, erosion control measures, or other site management practices prove ineffective in protecting water quality or need to be modified; or if additional sediment control measures, erosion control measures, or other site management practices are necessary to meet the requirements of Part III.A. B. C. D. and E., implementation shall be completed before the next storm event whenever practicable. If implementation before the next storm event is impracticable, then new land disturbance activities must cease until the modified or additional controls can be implemented.

(d) A copy of the CBMPP shall be maintained at the site during normal operating hours as defined by Part V of this permit when regulated land disturbing activities are occurring.

F. Spill Prevention, Control, and Management

The Permittee shall prepare, implement, and maintain a Spill Prevention, Control and Countermeasures (SPCC) Plan in accordance with 40 CFR Part 112 and ADEM Admin Code r.335-6-6-.12(r) for all applicable onsite petroleum storage tanks. The Permittee shall also prepare, implement, and maintain a SPCC Plan in accordance with ADEM Admin Code r.335-6-6-.12(r) for any stored pollutant(s) that may, if spilled, be reasonably expected to enter a water of the state or the collection system for a publicly or privately owned treatment works. The SPCC Plan(s) shall be maintained as a separate document or as part of the CBMPP Plan required in Part III.D. above. The Permittee shall implement appropriate structural and/or non-structural spill prevention, control, and/or management sufficient to prevent any spills of pollutants from entering a water of the state or a publicly or privately owned treatment works. The plan(s) must be consistent with the requirements of 40 CFR Part 112 and/or ADEM Admin Code r.335-6-6-.12(r). Any containment system used to implement this requirement shall be constructed of materials compatible with the substance(s) contained and of materials which shall prevent the contamination of groundwater and shall be capable of retaining 110 percent of the volume of the largest container of pollutants for which the containment system is provided. The Permittee shall maintain onsite or have readily available sufficient oil & grease absorbing material and aflotation booms to contain and clean-up fuel or chemical spills and leaks. Soil contaminated by paint or chemical spills, oil spills, etc. must be immediately cleaned up, remediated, or be removed and disposed of in a Department approved manner.

G. Training

Unless the Permittee has employed or contracted with a QCP that performs duties as required by this permit, and the QCP is readily available and able to be present onsite as often as is necessary to ensure full compliance with the requirements of this permit, the Permittee shall ensure that:

1. At least one onsite employee shall be certified as a Qualified Credentialed Inspector (QCI) by completing an initial training and annual refreshers through an ADEM-approved Qualified Credentialed Inspector Program (QCIP) conducted by a cooperating training entity.
2. The QCIP must be approved by the Department prior to use and provide training in the following areas:
   (a) The applicable requirements of the Alabama NPDES rules;
   (b) The requirements of this permit;
   (c) The evaluation of construction sites to ensure that QCP designed and certified erosion controls and sediment controls detailed in a CBMPP are effectively implemented and maintained;
   (d) The evaluation of conveyance structures, receiving waters and adjacent impacted offsite areas to ensure the protection of water quality and compliance with the requirements of this permit; and
   (e) The general operation of a turbidity meter or similar device intended for the measurement of turbidity.
3. Each individual holding a QCI Certification need not be on-site continuously and they may conduct site inspections at multiple sites permitted by them or their employer.
4. Each individual holding QCI certification shall obtain annual certification of satisfactory completion of formal refresher education or training regarding general erosion controls and sediment controls, the requirements of this permit, and the general operation of a turbidity meter or similar device intended for the measurement of turbidity. The refresher training requirements, including but not limited to, appropriate curricula, course content, course length, and any participant testing, shall be subject to acceptance by the Director prior to use.

H. Inspection Requirements

1. Pre-Construction Observations
   (a) A pre-construction site inspection shall be conducted prior the placement of any BMPs, or the commencement of land disturbing activities.

(b) Pre-construction inspection shall consist of a complete and comprehensive inspection of the entire proposed construction site including all proposed areas of land disturbance, proposed areas used for storage of materials that may be exposed to precipitation, affected ditches, and other stormwater conveyances, as well as all proposed outfalls, receiving waters and stream banks to determine if there are pre-existing areas of concern.

(c) Pre-construction inspections shall be conducted by the QCP a qualified person under the direct supervision of a QCP;

(d) The inspection shall be documented and made available to the Department upon request;

(e) Pre-construction inspection shall include dated electronic photographic documentation of all areas described in paragraph (b) above;

(f) The Permittee shall maintain record of the pre-construction site inspection pursuant to Part IV.K.

2. Daily Observations

(a) Each day there is activity at the site, the Permittee shall visually observe that portion of the construction project where active disturbance, work, or construction occurred to note any rainfall measurements occurring since the previous observation, and any apparent BMP deficiencies in the area of active disturbance.

(b) Such daily observations may be performed by appropriate site personnel.

(c) The Permittee shall maintain a log of all daily observations and record in such log any rainfall measurements and BMP deficiencies observed.

3. Site Inspections

(a) A site inspection shall consist of a complete and comprehensive observation of the entire construction site including all areas of land disturbance, areas used for storage of materials that are exposed to precipitation, equipment storage and maintenance areas, affected ditches and other stormwater conveyances, as well as all outfalls, receiving waters and stream banks to determine if, and ensure that:

(i) Effective erosion controls and sediment controls have been fully implemented and maintained in accordance with this permit, the site CBMPP, and the Alabama Handbook;

(ii) Pollutant discharges are being prevented/minimized and

(iii) Discharges do result in a contravention of applicable State water quality standards for the receiving stream(s) or other waters impacted or affected by the Permittee.

(b) Site inspections shall be performed by a QCI, QCP, or a qualified person under the direct supervision of a QCP.

(c) For non-linear projects, a site inspection shall be performed once each month and after any qualifying precipitation event, commencing as promptly as possible, but no later than 24-hours after resuming or continuing active construction or disturbance, and completed no later than 72-hours following the qualifying precipitation event;

(d) For linear projects where active construction or areas where perennial vegetation has not been fully established, meeting the definition of final stabilization, a site inspection shall be performed at least once a month and after any qualifying precipitation event since the last inspection, beginning as promptly as possible, but no later than 24-hours after resuming or continuing active construction or disturbance and completed no later than five (5) days after the qualifying precipitation event;

(e) A site inspection shall also be performed as often as is necessary until any poorly functioning erosion controls or sediment controls, non-compliant discharges, or any other deficiencies observed during a prior inspection are corrected and documented as being in compliance with the requirements of this permit.

(f) On all active disturbance, dredging, excavation, or construction undertaken or located within the banks of a waterbody, including but not limited to, equipment/vehicle crossings, pipelines, or other transmission

line installation, conveyor structure installation, and waterbody relocation, streambank stabilization, or other alterations, a site inspection shall be performed at least once a week and as often as is necessary until the disturbance/activity impacting the waterbody is complete and reclamation or effective stormwater quality remediation is achieved.

(g) The inspection shall be recorded in a written format acceptable to the Department. The inspection record shall include:

(i) The site name and location, discharge point number, date, time and exact place of any sampling performed;

(ii) The name(s) of person(s) who performed the inspection and/or obtained any samples or measurements taken;

(iii) The dates and times of the inspection and any samples or measurements taken;

(iv) A description of any sampling and analytical techniques or methods used, including source of method and method number;

(v) The results of any analyses performed;

(vi) Weather conditions at the time of the inspection;

(vii) Description of any discharges of sediment or other pollutants from the site;

(viii) Locations of discharges of sediment or other pollutants from the site;

(ix) Locations of BMPs that need to be maintained;

(x) Locations of BMPs that failed to operate as designed;

(xi) Locations where BMPs required by the CBMPP are not installed or installed in a manner inconsistent with the CBMPP; and

(xii) Locations where additional BMPs are needed that did not exist at the time of the inspection. This requirement is applicable only to site inspections performed by a QCP or qualified persons under the direct supervision of a QCP.

(h) Results of all required inspections shall be available for inspection no later than 15 days following the date of the inspections, monitoring or sampling.

(i) Reports shall be legible and bear an original signature or in the case of electronic reports, an electronic signature.

4. CBMPP Evaluations

(a) The QCP shall perform an onsite evaluation of all erosion and sediment controls being implemented for adequacy and consistency with site conditions.

(b) The CBMPP evaluation shall be performed as often as necessary until poorly functioning or damaged erosion controls or sediment controls are corrected, and, at a minimum, once every six months.

(c) If, based on the CBMPP evaluation, the QCP identifies any needed modifications or additions to erosion and sediment controls, the CBMPP shall be updated in accordance with Part III.E.4.

(d) The Permittee shall maintain appropriate documentation of the CBMPP evaluation.

I. Corrective Action

1. Any poorly functioning erosion controls or sediment controls, non-compliant discharges, or any other deficiencies observed during the inspections required under Part III.G.2 shall be corrected as soon as possible, but not to exceed five (5) days of the inspection unless prevented by unsafe weather conditions. If unsafe weather conditions are present, they should be documented.

2. In the event of a breach of a sediment basin/pond temporary containment measures shall be taken within 24 hours after the inspection. Permanent corrective measures shall be implemented within five (5) days of the inspection; however, if permanent corrective measures cannot be implemented within the timeframes provided herein the Permittee shall contact the Department; and

3. The operator shall promptly take all reasonable steps to remove, to the maximum extent practical, pollutants deposited offsite or in any waterbody or stormwater conveyance structure.

J. Suspension of Monitoring

Suspension of applicable monitoring and inspection requirements for phased projects or developments may be granted provided:

1. The Department is notified in writing at least thirty days prior to the requested suspension;

2. The Permittee and the QCP certify in the request that all disturbance has been graded, stabilized, and/or fully vegetated or otherwise permanently covered, and that appropriate, effective steps have been and will be taken by the Permittee to ensure compliance with the requirements of this permit and commit that these measures will remain continually effective until the permit is properly terminated;

3. The request should be accompanied by a construction stormwater inspection report confirming permanent stabilization of all previously disturbed areas, including material storage areas, and associated support activities. In addition, photo documentation may be submitted for confirmation purposes; and

4. The Permittee notifies the Department in writing within 15 days prior to resumption of disturbance or commencement of the next phase of development and the Permittee complies with the requirements of this Permit prior to commencement of additional disturbance.

K. Precipitation Measurement

The Permittee shall measure and record all precipitation occurring at the construction site (including rainfall and snowfall). Precipitation measurements shall be taken using continuous recorders, daily readings of an onsite rain gauge, daily readings of an offsite precipitation gauge located adjacent to or in close proximity (for non-linear projects a maximum 1 mile distance) to the facility, or by other measurement devices acceptable to the Department (e.g. online resources). Precipitation measurements must be representative of the Permittee's site.

L. Impaired Waters and Total Maximum Daily Load (TMDL) Waters

1. The Permittee must determine whether the discharge from any part of the construction site contributes directly or indirectly to a waterbody that is included on the latest §303(d) list or designated by the Department as impaired;

2. If the Permittee's construction site discharges to a waterbody included on the latest §303(d) or designated by the Department as impaired, it must demonstrate the discharges, as controlled by the Permittee, do not cause or contribute to the impairment. The CBMPP must detail the BMPs that are being utilized to control discharges of pollutants associated with the impairment. If existing BMPs are not sufficient to achieve this demonstration, the Permittee must, within sixty (60) days following the publication of the latest final §303(d) list, Department designation, or the effective date of this permit, submit a revised CBMPP detailing new or modified BMPs. The CBMPP must be revised as directed by the Department and the new or modified BMPs must be implemented within ninety (90) days from the publication of the latest final §303(d) list or Department designation.

3. Permittees discharging from construction sites into waters with EPA-Approved TMDLs and/or EPA-Established TMDLs

   (a) The Permittee must determine whether its construction site discharges to a waterbody for which a total maximum daily load (TMDL) has been established or approved by EPA. If a construction site discharges

into a water body with an EPA approved or established TMDL, then the CBMPP must include BMPs targeted to meet the assumptions and requirements of the TMDL. If additional BMPs will be necessary to meet the requirements of the TMDL, the CBMPP must include a schedule for installation and/or implementation of such BMPs.

(b) If, during this permit cycle, a TMDL is approved by EPA or a TMDL is established by EPA for any waterbody into which a construction site discharges, the Permittee must review the applicable TMDL to see if it includes requirements for control of storm water discharges from the construction site.

(i) If it is found that the Permittee must implement specific allocations of the TMDL, it must assess whether the assumptions and requirements of the TMDL are being met through implementation of existing BMPs or if additional BMPs are necessary. The CBMPP must include BMPs targeted to meet the assumptions and requirements of the TMDL. If existing BMPs are not sufficient, the Permittee must, within sixty (60) days following the approval or establishment of the TMDL by EPA, submit a revised CBMPP detailing new or modified BMPs to be utilized along with a schedule of installation and/or implementation of such BMPs. Any new or modified BMPs must be implemented within ninety (90) days, unless an alternate date is approved by the Department, from the establishment or approval of the TMDL by EPA.

PART IV Standard and General Permit Conditions

A. Duty to Comply

1. The Permittee must comply with all terms and conditions of this permit. Any permit noncompliance constitutes a violation of the AWPCA and the FWPCA and is grounds for: enforcement action, termination, or suspension of coverage under this permit; denial of a NOI for renewal; a requirement that the Permittee submit an application for an individual NPDES permit.
2. For any violation(s) of this Permit, the Permittee may be subject to a civil penalty as authorized by the AWPCA, the FWPCA, and Code of Alabama 1975, §§22-22A-1 et. seq., as amended, and/or a criminal penalty as authorized by Code of Alabama 1975, §22-22-1 et. seq., as amended.
3. The discharge of a pollutant from a source not specifically identified in the NOI to be covered under this Permit and not specifically included in the description of an outfall (where applicable) in this permit is not authorized and shall constitute noncompliance with this permit.
4. Nothing in this Permit shall be construed to preclude or negate the Permittee's responsibility or liability to apply for, obtain, or comply with other ADEM, federal, state, or local government permits, certifications, licenses, or other approvals.

B. Duty to Reapply

1. The Permittee authorized to discharge under this General Permit, who wishes to continue to discharge upon the expiration of this permit, shall submit a NOI to be covered by the reissued General Permit. Such NOI shall be submitted at least 30 days prior to the expiration date of this General Permit.
2. Failure of the Permittee to submit a complete NOI for reauthorization under this permit at least 30 days prior to the permit's expiration will void the automatic continuation of the authorization to discharge under this permit as provided by ADEM Admin. Code r. 335-6-6-.06. Should the permit not be reissued for any reason prior to its expiration date, Permittees who failed to meet the 30-day submittal deadline will be illegally discharging without a permit after the expiration date of the permit.

C. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce construction activities in order to maintain compliance with the conditions of the permit.

D. Duty to Mitigate

The Permittee shall take all reasonable steps to mitigate or prevent any violation of the permit or to minimize or prevent any adverse impact of any permit violation.

E. Proper Operation and Maintenance

The Permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the Permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities only when necessary to achieve compliance with the conditions of this permit.

F. Permit Modification, Revocation and Reissuance, Suspension, and Termination

1. During the term of this General Permit the Director may, for cause, and subject to the public notice procedure of ADEM Administrative Code r. 335-6-6-21, modify or revoke and reissue this General Permit. The causes for this action include the causes listed below:

   (a) When the Director receives any information that was not available at the time of permit issuance and that would have justified the application of different permit conditions at the time of issuance;

   (b) When the standards or regulations on which the permit was based have been changed by promulgation of amended standards or regulations or by judicial decision after the permit was issued;

   (c) Upon failure of the state to notify, as required by Section 402(b)(3) of the FWPCA, another state whose waters may be affected by a discharge;

   (d) When the level of discharge of any pollutant which is not limited in the permit exceeds the level which can be achieved by the technology based treatment requirements appropriate to the discharge under 40 CFR 125.3(c)(1994);

   (e) To correct technical mistakes, such as errors in calculations, or mistaken interpretations of the law made in determining permit conditions;

   (f) When the permit limitations are found not to be protective of water quality standards; or

   (g) For any applicable cause set forth in 40 CFR Sections 122.61, 122.62, 122.63, and 122.64 (1994).

2. Subject to the public notice procedures of rule 335-6-.6-21, the Director may terminate this General Permit during its term for any of the causes for modification listed in ADEM Admin Code r. 335-6-6-.23(7)(a).

3. The Director may terminate coverage of a discharge under this general permit for cause. Cause shall include but not be limited to noncompliance with Department rules; or a finding that the general permit does not control with wastewater discharge sufficiently to protect water quality or comply with treatment based limits applicable to the discharge.

4. Any person may petition the Director for withdrawal of this General Permit authority from a discharger. The Director shall consider the information submitted by the petitioner and any other information he may be aware of and may obtain additional information from the discharger and through inspections by Department staff and shall decide if coverage should be withdrawn. The petitioner shall be informed of the Director's decision and shall be provided a summary of the information considered.

G. Property Rights

This permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to persons or property or invasion of other private rights, or any infringement of federal, state, or local laws or regulations, nor does it authorize or approve the construction of any physical structures or facilities or the undertaking of any work in any waters of the state or of the United States.

H. Duty to Provide Information

1. The Permittee shall furnish to the Director, within a reasonable time, any information which the Director may request to determine whether cause exists for modifying, revoking and re-issuing, suspending, or terminating this permit or to determine compliance with this Permit. The Permittee shall also furnish to the Director upon request, copies of records required to be kept by this Permit.

2. The Permittee shall inform the Director in writing of any change in the Permittee's mailing address or telephone number or in the Permittee's designation of a facility contact or officer having the authority and responsibility to prevent and abate violations of the AWPCA, the Department's rules and the terms and conditions of this permit no later than ten (10) days after such change. Upon request of the Director, the Permittee shall furnish an update of any information provided in the NOI.

3. If the Permittee becomes aware that it failed to submit any relevant facts in the NOI; or submitted incorrect information in the NOI; or in any report to the Director, it shall promptly submit such facts or information with a written explanation for the mistake and/or omission.

I. Inspection and Entry

The Permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law to:

1. Enter upon the Permittee's premises where a regulated activity is located or conducted, or where records must be kept under the conditions of this Permit;
2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Permit;
3. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Permit; and
4. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the AWPCA, any activities, substances or parameters at any location.

J. Noncompliance Notification

1. The Permittee must notify the Department if, for any reason, the Permittee's discharge:
   (a) Potentially threatens human health or welfare;
   (b) Threatens fish or aquatic life;
   (c) Causes an in-stream water quality criterion as stated in ADEM. Admin. Code Ch. 335-6-10 to be exceeded;
   (d) Does not comply with an applicable toxic pollutant effluent standard or prohibition established under Section 307(a) of the FWPCA, 33 U.S.C. §1317(a); or
   (e) Contains a quantity of a hazardous substance which has been determined may be harmful to the public health or welfare under Section 311(b)(4) of the FWPCA, 33 U.S.C. §1321(b)(4).

The Permittee shall orally report the occurrences, describing the circumstances and potential effects of such discharge to the Director no later than 24-hours after the Permittee becomes aware of the occurrence of such discharge. In addition to the oral report, the Permittee shall submit to the Director a written report as provided in Part IV.J.2 below, no later than five (5) days after becoming aware of the occurrence of such discharge.

2. The written report shall be in a format acceptable to the Department and shall include:
   (a) A description of the noncompliant event, its cause, if known, and location;
   (b) The period of noncompliance, including exact dates and times or, if not corrected, the anticipated time the noncompliance is expected to continue; and
   (c) A description of the steps taken and/or being taken to reduce or eliminate the noncomplying discharge and to prevent its recurrence.

K. Retention of Records

1. The Permittee shall retain records of all inspection records, monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by the permit, and records of all data used to complete such reports, for a period

of at least three (3) years from the date of the inspection, sample measurement, or report. This period may be extended by request of the Director at any time. If litigation or other enforcement action, under the AWPCA and/or the FWPCA, is ongoing which involves any of these records, the records shall be kept until the litigation is resolved.

2. All records required to be kept for a period of three (3) years shall be kept at the permitted facility or an alternate location identified to the Department in writing and shall be available for inspection upon request.

L. Signatory Requirements

The NOI and all reports or information submitted to the Director shall be signed and certified according to the requirement of ADEM Admin Code r. 335-6-6-.09. Where required by this Permit, documents will also be signed by a QCP or QCI.

M. Transfers

This Permit may not be transferred without notice to the Director and subsequent modification or revocation and reissuance of this Permit. In the case of a change in name, ownership or control of the Permittee's premises, a request for permit modification in a format acceptable to the Director is required within 15 days of the change occurring.

N. Bypass

Any bypass of erosion controls, sediment controls, or any other stormwater management/treatment controls specified in the CBMPP is prohibited except as provided by ADEM Admin Code r. 335-6-6-.12(m).

O. Upset

1. Effect of an Upset. An upset constitutes an affirmative defense to an action brought for noncompliance with technology based permit limitation if the requirements of subparagraph 335-6-6-.12(n)2. are met.
2. Conditions Necessary for Demonstration of an Upset. A Permittee who wishes to establish the affirmative defense of an upset shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that:
   (a) An upset occurred and that the Permittee can identify the specific cause(s) of the upset;
   (b) The treatment facility was at the time being properly operated;
   (c) The Permittee submitted notice of the upset as required in subparagraph 335-6-6-.12(l)6.; and
   (d) The Permittee complied with any remedial measures required under paragraph 335-6-6-.12(d).
3. Burden of Proof. In any enforcement proceeding the Permittee seeking to establish the occurrence of an upset has the burden of proof.

P. Severability

The provisions of this permit are severable, and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

Q. Issuance of an Individual Permit

The Director may require the Permittee to obtain an individual permit for discharges covered by this permit in accordance with ADEM Admin. Code r. 335-6-6-.23(9).

R. Request for Individual Permit by General Permit Holder

1. Any person covered by this General Permit may apply for termination of coverage by applying for an individual NPDES permit.
2. A permit application submitted voluntarily or at the direction of the Director for the purpose of termination of coverage by this General Permit shall be processed in accordance with the rules found in ADEM Admin. Code ch. 335-6-6 applicable to individual permits.

S. Termination of Coverage

The Director may suspend or terminate coverage under this permit for cause without the consent of the Permittee. Cause shall include, but not be limited to noncompliance with this permit or the applicable requirements of Department rules, or a finding that this permit does not control the stormwater discharge sufficiently to protect water quality.

1. Notice of Termination

   The Permittee must submit a Notice of Termination (NOT) in a format acceptable to the Department within thirty (30) days of one of the following conditions:

   (a) Final stabilization as defined in Part V has been achieved on all portions of the site;

   (b) Another operator has assumed control over all areas of the site that have not achieved final stabilization and the new operator has submitted an NOI for coverage under this permit; or

   (c) Coverage under an individual permit or alternative general permit has been obtained.

2. Content of the Notice of Termination

   The NOT shall include:

   (a) The Permittee name, permit number, and location of the site; and

   (b) Certification by the Permittee and the QCP that all construction activity covered by this permit has been completed and final stabilization has been achieved; or

   (c) Identification, including complete contact information, of the person that has assumed legal or operational control over the construction site.

      (i) Loss of operational control does not relieve the operator from liability and responsibility for compliance with the provisions of this permit until the complete and correct request for termination is received by the Department.

      (ii) Sale or transfer of operational responsibility for the site by the operator prior to the succeeding operator obtaining permit coverage required by this chapter, does not relieve the operator from the responsibility to comply with the requirements of this permit

T. Facility Identification

The Permittee shall post and maintain sign(s) at the front gate/entrance, and if utility installation, where project crosses paved county, State, or federal highways/roads, and/or at other easily accessible location(s) to adequately identify the site prior to commencement of and during NPDES construction until permit coverage is properly terminated. Such sign shall display the name of the Permittee, "ADEM NPDES ALR10" followed by the four digit

NPDES permit number, facility or project name, and other descriptive information deemed appropriate by the Permittee.

U. Schedule of Compliance

The Permittee shall achieve compliance with the requirements of this permit on the effective date of coverage under this permit.

V. Discharge of Wastewater Generated by Others

The discharge of wastewater generated by any process, facility, or by any other means not under the operational control of the Permittee or not identified in the application for this permit or not identified specifically in the description of an outfall in this permit is not authorized by this permit except as allowed by Part I.

W. Compliance with Water Quality Standards and Other Provisions

1. On the basis of the Permittee's application, plans, or other available information, the Department has determined that compliance with the terms and conditions of this Permit will assure compliance with applicable water quality standards. However, this Permit does not relieve the Permittee from compliance with applicable State water quality standards established in ADEM Admin. Code ch. 335-6-10, and does not preclude the Department from taking action as appropriate to address the potential for contravention of applicable State water quality standards which could result from discharges of pollutants from the permitted facility.
2. Compliance with Permit terms and conditions notwithstanding, if the Permittee's discharge(s) cause(s) or contribute(s) to a condition in contravention of State water quality standards, the Department may require abatement action to be taken by the Permittee, modify the Permit pursuant to the Department's rules and regulations, or both.
3. If the Department determines, on the basis of any investigation, inspection, or sampling, that a modification of this Permit is necessary to assure maintenance of water quality standards or compliance with other provisions of the AWPCA or FWPCA, the Department may require such modification and, in cases of emergency, the Director may prohibit the noticed act until the Permit has been modified.

X. Civil and Criminal Liability

1. Tampering: Any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained or performed under this Permit shall, upon conviction, be subject to penalties and/or imprisonment as provided by the AWPCA and/or the AEMA.
2. False Statements: Any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this Permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be punished as provided by applicable State and Federal law.
3. Permit Enforcement: This NPDES Permit is a Permit for the purpose of the AWPCA, the AEMA, and the FWPCA, and as such all terms, conditions, or limitations of this Permit are enforceable under State and Federal law.
4. Relief From Liability: Except as provided in Part IV.M. (Bypass) and Part IV.N. (Upset), nothing in this Permit shall be construed to relieve the Permittee of civil or criminal liability under the AWPCA, AEMA, or FWPCA for noncompliance with any term or condition of this Permit.

Y. Oil and Hazardous Substance Liability

Nothing in this Permit shall be construed to preclude the institution of any legal action or relieve the Permittee from any responsibilities, liabilities, or penalties to which the Permittee is or may be subject to under Section 311 of the FWPCA, 33 U.S.C. §1321.

Z. Availability of Reports

Except for data determined to be confidential under Code of Alabama 1975, §22-22-9(c), all reports prepared and submitted in accordance with the terms of this Permit shall be available for public inspection at the offices of the Department or the Department's electronic filing system (eFile) at http://app.adem.alabama.gov/eFile/. Effluent data shall not be considered confidential. Knowingly making any false statement in any such report may result in the imposition of criminal penalties as provided for in Section 309 of the FWPCA, 33 U.S.C. §1319, and Code of Alabama 1975, §22-22-14.

AA. Coastal Zone Management (Mobile and Baldwin Counties)

1. Except for those activities described in Part IV.AA.2 below, this permit is conditionally consistent with the Alabama Coastal Area Management Plan (ACAMP) upon continued compliance with the ACAMP.
2. The Permittee shall obtain, as appropriate, a coastal permit or coastal consistency determination from the Department if any activity conducts a use as described in ADEM Admin. Code r. 335-8-1-.08, 335-8-1-.09, 335-8-1-.10 or 335-8-1-.11.

BB. Removed Substances

Solids, sludges, or any other pollutants or other wastes removed in the course of treatment or control of stormwater shall be disposed of in a manner that complies with all applicable Department rules and regulations.

CC. Compliance with Statutes and Rules

1. This permit has been issued under ADEM Admin. Code ch. 335-6-6. All provisions of this chapter, that are applicable to this permit, are hereby made a part of this permit. A copy of this chapter can be found on the ADEM website at:
2. http://www.adem.state.al.us/alEnviroRegLaws/files/Division6Vol1.pdf.
3. This permit does not authorize the noncompliance with or violation of any Laws of the State of Alabama or the United States of America or any regulations or rules implementing such laws. FWPCA, 33 U.S.C. Section 1319, and Code of Alabama 1975, Section 22-22-14.

PART V Definitions

2-year, 24-hour storm event means the maximum 24-hour precipitation event with a probable recurrence interval of once in two years as defined by the National Weather Service and Technical Paper No. 40, "Rainfall Frequency Atlas of the U.S.," May 1961, or equivalent regional or rainfall probability information developed there from.

AEMA means the Alabama Environmental Management Act, Code of Alabama 1975, §§ 22-22A-1, et seq.

Alabama Handbook means the September 2014 edition of the Alabama Handbook for Erosion Control, Sediment Control, And Stormwater Management On Constructions Sites And Urban Areas, Alabama Soil and Water Conservation Committee (ASWCC) published at the time permit coverage is obtained.

ADEM means the Alabama Department of Environmental Management.

AWPCA means the Alabama Water Pollution Control Act.

Best Management Practices or BMPs means implementation and continued maintenance of appropriate structural and non-structural practices and management strategies to prevent and minimize the introduction of pollutants to stormwater and to treat stormwater to remove pollutants prior to discharge.

Borrow Area "Pit" means the activity of removing material (soil, gravel, sand) from one area to use in another area. For the purposes of this permit, this activity is solely in conjunction with the project requesting permit coverage and not to be sold for profit. The borrow area and associated activity will open and close with the project requesting permit coverage.

Chronic and Catastrophic Precipitation means precipitation events which may result in failure of the properly designed, located, implemented, and maintained BMPs or other structure/practices required by this chapter. Catastrophic precipitation conditions means any single event of significant total volume, or of increased intensity and shortened duration, that exceeds normally expected or predicted precipitation over the time period that the disturbance is planned or is ongoing, as determined by the Department. Catastrophic conditions could also include tornadoes, hurricanes, or other climatic conditions which could cause failure due to winds or mechanical damage. Chronic precipitation is also that series of wet-weather conditions over a limited time-period which does not provide any opportunity for emergency maintenance, reinstallation, and corrective actions and which equals or exceeds the volume of normally expected or predicted precipitation for the time period that the disturbance is planned or is ongoing.

Common Plan of Development or Sale means any announcement or piece of documentation (e.g., sign, public notice, or hearing, sales pitch, advertisement, drawing, permit application, zoning request, computer design, etc.) or physical demarcation (e.g., boundary signs, lot stakes, surveyor markings, etc.) indicating construction activities may occur on a specific plot.

Construction means any land disturbance or discharges of pollutants associated with, or the result of building, excavation, land clearing, grubbing, placement of fill, grading, blasting, reclamation, areas in which construction materials are stored in association with a land disturbance or handled above ground, and other associated areas including, but not limited to, construction site vehicle parking, equipment or supply storage areas, material stockpiles, temporary office areas, and access roads. Construction also means significant pre-construction land disturbance activities performed in support or in advance of construction activity including, but not limited to, land clearing, excavation, removal of existing buildings, dewatering and geological testing.

Construction Activity means the disturbance of soils associated with clearing, grading, excavating, filling of land, or other similar activities which may result in soil erosion. Construction activity does not include agricultural and silvicultural practices, but does include agricultural buildings.

Construction Best Management Practices Plan (CBMPP) means any research, planning considerations, systems, procedures, processes, activities, and practices implemented for the prevention and/or minimization of pollutants in stormwater to the maximum extent practicable, and collection, storage, treatment, handling, transport, distribution, land application, or disposal of construction stormwater and onsite management of construction waste generated by the construction activity, and to comply with the requirements of this permit. The CBMPP shall be prepared and certified, and when necessary updated by a qualified credentialed professional (QCP) in accordance with the requirements of this permit.

Construction Site means any site regardless of size where construction or construction associated activity has commenced, or is continuing, and associated areas, including sites where active work is suspended or has ceased, until the activity is completed and effective reclamation and/or stormwater quality remediation has been achieved.

Construction Waste means construction and land disturbance generated materials, including but not limited to, waste chemicals, sediment, trash, debris, litter, garbage, construction demolition debris, land clearing and logging slash or other materials or pollutants located or buried at the site prior to disturbance activity or that is generated at a construction site.

Control Measure refers to any Best Management Practice or other method used to prevent or reduce the discharge of pollutants to waters of the State.

CWA or The Act means the Clean Water Act (formerly referred to as the Federal Water Pollution Control Act or Federal Water Pollution Control Act Amendments of 1972) Pub.L. 92-500, as amended Pub. L. 95-217, Pub. L. 95-576, Pub. L. 96-483 and Pub. L. 97-117, 33 U.S.C. 1251 et.seq.

Department means the Alabama Department of Environmental Management or an authorized representative.

Director means the Director of the Department or his designee.

Discharge, "[t]he addition, introduction, leaking, spilling or emitting of any sewage, industrial waste, pollutant or other waste into waters of the state." Code of Alabama 1975, §22-22-1(b)(8).

EPA refers to the U.S. Environmental Protection Agency.

Ephemeral Stream means a stream or portion of a stream which flows briefly in direct response to precipitation in the immediate vicinity, and whose channel is at all times above the ground-water reservoir.

Final Stabilization means the application and establishment of the permanent ground cover (vegetative, pavements of erosion resistant hard or soft material or impervious structures) planned for the site to permanently eliminate soil erosion to the maximum extent practicable. Established vegetation will be considered final if 100% of the soil surface is uniformly covered in permanent vegetation with a density of 85% or greater. Permanent vegetation shall consist of; planted trees, shrubs, perennial vines; an agricultural or a perennial crop of vegetation appropriate for the region. Final stabilization applies to each phase of construction.

FWPCA means the Federal Water Pollution Control Act

Intermittent Stream means a stream where portions flow continuously only at certain times of the year. At low flow there may be dry segments alternating with flowing segments.

Green Infrastructure refers to systems and practices that use or mimic natural processes to infiltrate, evapotranspirate (the return of water to the atmosphere either through evaporation or by plants), or reuse storm water or runoff on the site where it is generated.

Linear Project means land disturbing activities conducted by an underground /overhead utility or highway department, including, but not limited to any cable line or wire for the transmission of electrical energy; any conveyance pipeline for transportation of gaseous or liquid substance; any cable line or wire for utility communications; or any other energy resource transmission ROW or utility infrastructure, e.g., roads and highways. Activities include the construction and installation of these utilities within a corridor. Linear project activities also include the construction of access roads, staging areas, and borrow/spoil sites associated with the linear project.

Low Impact Development or LID is an approach to the maintenance of predevelopment hydrology in land development (or re-development) that works with nature to manage storm water as close to its source as possible. LID employs principles such as preserving and recreating natural landscape features, minimizing effective imperviousness to create functional and appealing site drainage that treat storm water as a resource rather than a waste product.

Maximum extent practicable (MEP) means full implementation and regular maintenance of available industry standard technology and effective management practices, such as those contained in the Alabama Handbook and site-specific CBMPP, designed to prevent and/or minimize discharges of pollutants and ensure protection of groundwater and surface water quality.

Minor Land Disturbing Activities means activities which will result in minor soil erosion such as home gardens or individual home landscaping, repairs, maintenance work, fences, routine maintenance and other related activities.

National Pollutant Discharge Elimination System "NPDES" means the national program for issuing, modifying, revoking, and reissuing, terminating, monitoring, and enforcing permits for the discharge of pollutants into waters of the state.

Natural Buffer (Riparian buffer) means a strip of dense undisturbed perennial native vegetation, either original or re-established, that borders streams and rivers, ponds and lakes, and wetlands. Buffer zones are established for the purposes of slowing water runoff, enhancing water infiltration, and minimizing the risk of any potential nutrients or pollutants from leaving the upland area and reaching surface waters. Buffer zones are most effective when stormwater runoff is flowing into and through the buffer zone as shallow sheet flow, rather than in concentrated from such as in channels, gullies, or wet weather conveyances.

Nephelometric Turbidity Unit or NTU means a numerical unit of measure based upon photometric analytical techniques for measuring the light scattered by fine particles of a substance in suspension.

New Construction Site means any initial construction or construction activity covered under this General Permit where the disturbance begins after the effective date of this permit. This includes subsequent phases of a previously permitted development.

Non-stormwater Discharges means discharges that do not originate from storm events. They can include, but are not limited to, discharges of process water, air conditioner condensate, non-contact cooling water, vehicle wash water, sanitary wastes, concrete washout water, paint wash water, irrigation water, or pipe testing water.

Normal Operating Hours means from 6:00 a.m. to 6:00 p.m, Monday through Friday, excluding federal holidays established pursuant to 5 U.S.C. § 6103. Normal operating hours also include any time when workers are present or when construction activity is occurring, regardless of the particular day or time of day.

NOI means Notice of Intent.

Operator means any person or other entity, that owns, operates, directs, conducts, controls, authorizes, approves, determines, or otherwise has responsibility for, or exerts financial control over the commencement, continuation, or daily operation of activity regulated by this permit. An operator includes any person who treats and discharges stormwater or in the absence of treatment, the person who generates and/or discharges stormwater, or pollutants. An operator may include but may not be limited to, property owners, agents, general partners, LLP partners, LLC members, leaseholders, developers, builders, contractors, or other responsible or controlling entities.

Outfall means the location where stormwater in a discernible, confined and discrete conveyance, leaves a facility or construction site discharging into the receiving water.

Perennial Stream means a stream or portion of a stream that flows year-round, is considered a permanent stream, and for which baseflow is maintained by ground-water discharge to the streambed due to the ground-water elevation adjacent to the stream typically being higher than the elevation of the streambed.

Permittee means a person to whom a permit has been issued.

Plan or Sale as included in the phrase "larger common plan of development or sale" is broadly defined to mean any announcement or documentation, sales program, permit application, presentation, zoning request, physical demarcation, surveying marks, etc., associated with or indicating construction activities may occur in an area.

Pollutant of concern refers to sediment, turbidity, and any other pollutant known or reasonably expected to be found in untreated discharges associated with the construction site.

Post-construction refers to any phase of construction where final stabilization has been achieved, and all but minor construction activities have been completed. The term post-construction is not affected by the final operational status of the site or whether the site has been placed into operation according to its final intended use.

Priority construction site means any site that discharges to a waterbody which is listed on the most recently EPA approved 303(d) list of impaired waters for turbidity, siltation, or sedimentation, any waterbody for which a TMDL has been finalized or approved by EPA for turbidity, siltation, or sedimentation, any waterbody assigned the Outstanding Alabama Water use classification in accordance with ADEM Admin. Code r. 335-6-10-.09, and any waterbody assigned a special designation in accordance with ADEM Admin. Code r. 335-6-10-.10.

Qualified Credentialed Inspector or QCI means a permittee, permittee employee, or permittee designated qualified person who has successfully completed initial training and annual refresher Qualified Credentialed Inspection Program (QCIP) training, and holds a valid certification from a Department approved cooperating training entity.

Qualified Credentialed Inspector Program or QCIP means a Department approved program conducted by a cooperating training entity. Approved programs provide training in the requirements of the Alabama NPDES rules and regulations to ensure that QCP designed and certified BMPs detailed in a BMP Plan are effectively implemented and maintained, and evaluation of conveyance structures, receiving waters and adjacent impacted offsite areas to ensure the protection of water quality and compliance with the requirements of this Permit.

Qualified Credentialed Professional or QCP means a licensed professional engineer (PE), or a Certified Professional in Erosion and Sediment Control (CPESC) as determined by EnviroCert International. Other registered or certified professionals such as a registered landscape architect, licensed land surveyor, registered geologist, registered forester, Registered Environmental Manager as determined by the National Registry of Environmental Professionals (NREP), or Certified Professional and Soil Scientist (CPSS) as determined by ARCPACS. The QCP shall be in good standing with the authority granting the registration or designation. The design and implementation of certain structural BMPs may involve the practice of engineering and require the certification of a professional engineer pursuant to Alabama law.

A qualified person under the direct supervision of a QCP refers to an individual who is an employee of the QCP or the QCP's firm, and is familiar with current industry standards for erosion and sediment controls and able to inspect and assure that

BMPs or other pollution control devices (silt fences, erosion control fabric, rock check devices, etc.) and erosion control efforts (grading, mulching, seeding, growth management, etc.) or management strategies have been properly implemented and regularly maintained. Such individual may not certify the CBMPP or modifications to the CBMPP.

Qualifying precipitation event refers to any precipitation of 0.75 inches or greater in any 24-hour period.

Receiving Stream means the "waters" receiving a "discharge" from a construction site.

Severe property damage means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

Silvicultural Operations:

Non-point source Silvicutural activities means activities such as nursery operations, site preparation, reforestations, and subsequent cultural treatment, thinning, prescribed burning, pest and fire control, harvesting operations, surface drainage, or road construction and maintenance from which there is natural runoff.

Point source Silvicultural activities means any discernable, confined and discrete conveyance related to rock crushing, gravel washing, log sorting, or log storage facilities which are operated in conjunction with silvicultural activities and from which pollutants are discharged into waters of the State. Silvicultural point sources, excluding mining operations regulated pursuant to ADEM Administrative Code rule 335-6-9; 40 CFR Part 122.27 (1994).

Site means the land or water area where any facility or activity for which coverage under this permit is required is physically located or conducted, including adjacent land use in connection with the facility or activity.

State water quality standards refer to numeric and narrative standards set forth at ADEM Admin Code chaps. 335-6-10 and 335-6-11.

Stormwater means runoff, accumulated precipitation, process water, and other wastewater generated directly or indirectly as a result of construction activity, the operation of a construction material management site, including but not limited to, precipitation, upgradient or offsite water that cannot be diverted away from the site, and wash down water associated with normal construction activities. Stormwater does not mean discharges authorized by the Department via other permits or regulations.

Steep Slope means a slope of 15% or greater.

Surface water means a water of the State of Alabama as defined in ADEM Admin. Code R. 335-6-10-.02.

Temporary Stabilization means the application and establishment of temporary ground cover (vegetative, pavements of erosion resistant hard or soft materials or impervious structures) for the purpose of temporarily reducing raindrop impact and sheet erosion in areas where Final Stabilization cannot be established due to project phasing, seasonal limitations or other project related restrictions.

Total Maximum Daily Load or TMDL means the calculated maximum permissible pollutant loading to a waterbody at which water quality standards can be maintained; The sum of wasteload allocations (WLAs) and load allocations (LAs) for any given pollutant.

Treatment facility and treatment system means all structures which contain, convey, and as necessary, chemically or physically treat stormwater. This includes all pipes, channels, ponds, tanks, and all other equipment serving such structures.

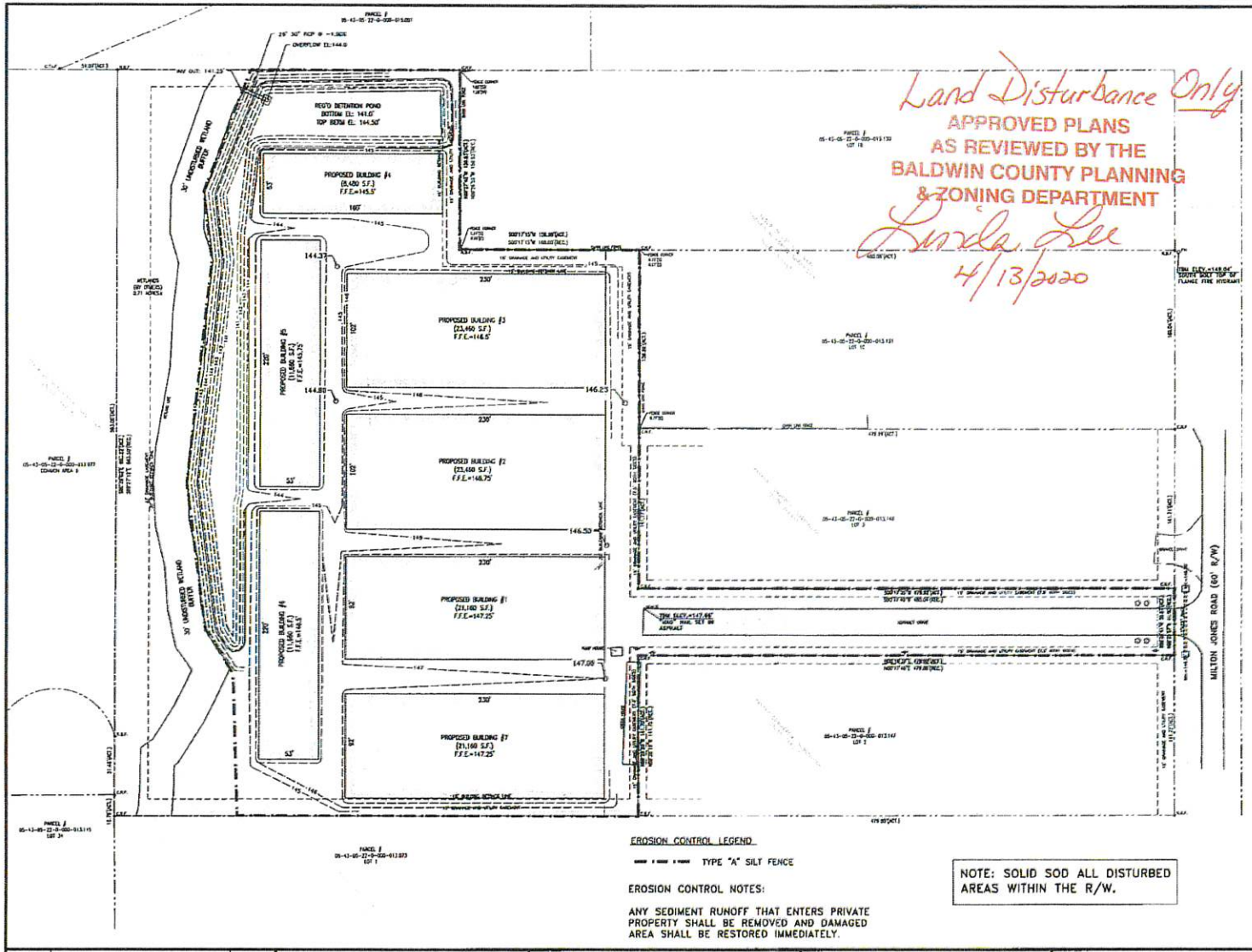
TSS means the pollutant parameter Total Suspended Solids

24-hour precipitation event means that amount of precipitation which occurs within any 24-hour period.

Upset means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the Permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventative maintenance, or careless or improper operation. For purposes of this definition, Chronic and Catastrophic Precipitation constitutes an exceptional incident.

Waters of the state means "[a]ll waters of any river, stream, watercourse, pond, lake, coastal, ground or surface water, wholly or partially within the State, natural or artificial. This does not include waters which are entirely confined and retained completely upon the property of a single individual, partnership, or corporation unless such waters are used in interstate commerce." Code of Alabama 1975, §22-22-1(b)(2). "Waters" include all "navigable waters" as defined in §502(7) of the FWPCA, 33 U.S.C. §1362(7), which are within the State of Alabama.

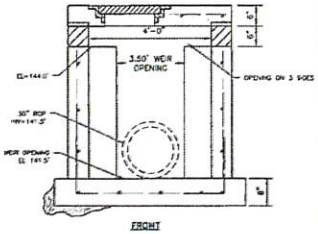
Week means the period beginning at twelve midnight Saturday and ending at twelve midnight the following Saturday.

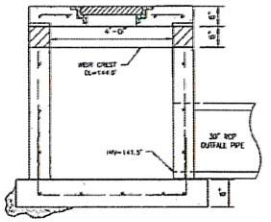


Land Disturbance Only
APPROVED PLANS
AS REVIEWED BY THE
BALDWIN COUNTY PLANNING
& ZONING DEPARTMENT
Linda Lee
4/13/2020

GRAPHIC SCALE
(IN FEET)
1 inch = 40 ft.

LEGEND





POND OUTFALL STRUCTURE
N.T.S.

EROSION CONTROL LEGEND

TYPE "A" SILT FENCE

EROSION CONTROL NOTES:

ANY SEDIMENT RUNOFF THAT ENTERS PRIVATE PROPERTY SHALL BE REMOVED AND DAMAGED AREA SHALL BE RESTORED IMMEDIATELY.

NOTE: SOLID SOD ALL DISTURBED AREAS WITHIN THE R/W.

NUMBER:	REVISION:	DATE:

GRAPHIC SCALE
(IN FEET)
1 inch = 40 ft.

Sawgrass
ENGINEERING · SURVEYING · CONSTRUCTION MANAGEMENT

SITE GRADING & DRAINAGE PLAN
MILTON JONES ROAD
ACHEE BUILDERS, LLC

SCALE:	1"=40
DATE	MARCH 2020
DRAWN BY	M H
CHECKED BY	T G
SHEET	6 OF 6

MS4 Area Report

From 04/01/20 to 03/31/21

Land Use

49 Cases

Case Num	Date Received	Parcel Num
LU-200221	04/03/20	05-43-06-14-0-000-013.000
LU-200270	05/04/20	05-46-03-07-0-000-016.002
LU-200283	05/13/20	05-45-07-25-0-000-041.000
LU-200333	06/02/20	05-43-05-22-0-000-014.111
LU-200337	06/03/20	05-43-06-24-0-000-021.028
LU-200346	06/08/20	05-45-07-25-0-000-056.002
LU-200347	06/09/20	05-43-06-14-0-000-009.000
LU-200348	06/09/20	05-43-06-23-0-000-030.084
LU-200356	06/10/20	05-32-04-39-0-000-001.255
LU-200377	06/19/20	05-32-03-05-0-000-002.119
LU-200393	06/23/20	05-32-05-21-0-000-002.001
LU-200436	07/10/20	05-43-06-14-0-000-003.037
LU-200453	07/15/20	05-43-05-22-0-000-013.056
LU-200459	07/16/20	05-43-06-23-0-000-009.000
LU-200466	07/21/20	05-46-03-07-0-000-047.000
LU-200470	07/22/20	05-43-06-23-0-000-020.004
LU-200471	07/22/20	05-32-03-05-0-000-002.037
LU-200472	07/22/20	05-43-07-26-0-000-004.054
LU-200480	07/24/20	05-43-05-22-0-000-013.132
LU-200528	08/12/20	05-45-06-24-4-000-033.000
LU-200532	08/13/20	05-43-06-14-0-000-003.069
LU-200542	08/18/20	05-43-06-24-0-000-021.045
LU-200547	08/19/20	05-32-03-41-0-000-001.172
LU-200555	08/21/20	05-43-06-23-0-000-028.042
LU-200563	08/24/20	05-32-03-05-0-000-002.049
LU-200577	08/28/20	05-32-03-41-0-000-001.178
LU-200579	08/31/20	05-43-06-23-0-000-030.053
LU-200599	09/09/20	05-46-03-08-0-000-005.015
LU-200628	09/30/20	05-32-05-22-0-000-073.002
LU-200632	09/30/20	05-45-06-24-4-000-020.000
LU-200638	10/01/20	05-46-03-08-0-000-020.000
LU-200649	10/05/20	05-43-01-01-1-000-022.000
LU-200651	10/05/20	05-32-03-41-0-000-001.057
LU-200658	10/06/20	05-43-01-01-1-000-008.000

MS4 Area Report

From 04/01/20 to 03/31/21

Land Use

49 Cases

Case Num	Date Received	Parcel Num
LU-200701	10/15/20	05-32-05-22-0-000-081.012
LU-200702	10/15/20	05-42-05-15-0-000-022.004
LU-200703	10/15/20	05-42-06-14-2-000-003.019
LU-200709	10/15/20	05-43-01-01-0-000-001.162
LU-200725	10/19/20	05-43-01-01-0-000-001.246
LU-200726	10/19/20	05-43-01-01-2-000-008.000
LU-200731	10/20/20	05-43-05-22-0-000-014.038
LU-200732	10/20/20	05-43-06-23-0-000-030.128
LU-200733	10/20/20	05-52-08-33-4-002-027.000
LU-200760	10/23/20	05-32-07-36-0-000-001.007
LU-200764	10/23/20	05-43-06-14-0-000-013.000
LU-200775	10/26/20	05-43-05-22-0-000-013.076
LU-200795	10/28/20	05-43-05-22-0-000-014.145
LU-200797	10/30/20	05-43-01-01-1-000-028.000
LU-200800	10/30/20	05-43-05-22-0-000-014.131

Office Use Only

Case No. **LU -** 200270 Accepted By: Bates Date: 5-4-20

Application Fee: 25.00 ☑ Paid Check # 1197 Receipt # 12187

Baldwin County
Land Use Certificate Application

Main Office (Mailing)
22251 Palmer Street
Robertsdale, AL 36567
Phone: (251) 580-1655
Fax: (251) 580-1656

Main Office (Physical)
22070 Highway 59
Robertsdale, AL 36567
Phone: (251) 580-1655
Fax: (251) 580-1656

Foley Office
201 East Section Avenue
Foley, AL 36535
Phone: (251) 972-8523
Fax: (251) 972-8520

AN APPROVED LAND USE CERTIFICATE DOES NOT CONSTITUTE APPROVAL FOR A BUILDING PERMIT

Applicant

Are you the property owner? ☐ **YES** ☑ **NO**
(If you are not the property owner you must submit Owner Authorization Form signed by the property owner)

Name: Belfor USA Group Inc. Date: 4-29-2020

Mailing Address: 132 E. I-65 Service Rd. N.

City: Mobile State: AL Zip code 36607 -

Telephone: (251) 471-1115 Fax: ( ) - e-mail: seth.carolas@us.belfor.com

Site Information

Parcel ID Number: 05-46-03-07-0-000-016.002

Physical Address (E-911): 22705 Sibley Cir. Fairhope AL 36532

Subdivision/Lot/Unit No:

Lot Size (acres or square feet): 2,420 sqft Lot Dimensions: X

Are there existing structures on the property? ☑ **YES** ☐ **NO**

If yes, please describe: House

Water and Sewer Information

(Check Appropriate Box)

☐ Septic Tank System ☐ Well

☐ Sewer System ☐ Water System

Name of System: Name of System:

(Over, Please Continue to Reverse Side)

LU

Project Description

Use: (Check One)

☑ Single Family ☐ Two-Family ☐ Multi- Family ☐ Commercial

☐ Industrial ☑ Alterations/Repairs ☐ Piers/Boathouse ☐ Accessory Structure

☐ Other (specify) _____

Description of work and the proposed use: Rebuild Carport from fire damage

****

This certificate is valid for a six (6) month period after date of issuance. I hereby certify that the information stated on and submitted with this application is true and correct. I also understand that the submittal of incorrect information will result in the revocation of this permit and any worked performed will be at the risk of the applicant. I understand further that any changes which vary from the approved plans will result in the requirement of a new Land Use Certificate.

Applicant Signature: S Cuy Date: 4-30-20

Erosion Control Plan Submitted: ☐ YES ☑ NO

Proposed Installation Date: _____ License No. : _____

Comments: On Existing Slab

Preparer Signature: S Cuy Date: 4-30-20

After application has been reviewed:

☑ I will pick up the approved application after I have been contacted.

☑ I would like the approved application to be forward to the appropriate Building Inspection office.

Office Use Only

Zoning Classification: RSF2 Planning District: 16 Flood Zone: X

☐ Culvert Permit ☐ Sewer Release ☐ Water Release ☑ Site Plan ☑ Construction Plans ☑ Agent Authorization

☐ State Lands Permit Confirmation # _____ ☐ U.S. Army Corp. Permit ☐ U.S. Fish & Wildlife Permit

Potential Wetlands ☐ YES ☑ NO ARB ☐ YES ☑ NO Study Area: MSH FLU District: _____

****

Decision: ☑ **APPROVED** ☐ **DENIED**

Comments: _____

Zoning Administrator (or designee) Signature: Crystal Rate Date: 5-8-20

Baldwin County Planning and Zoning Department

Agent Authorization Form

I/We authorize and permit Belfor USA Group Inc. to act as my/our representative and agent in any manner regarding this application which relates to property described as tax parcel ID# 05-46-03-07-0-000-016.002, I/We understand that the agent representation may include but not be limited to decisions relating to the submittal, status, conditions, or withdrawal of this application. In understanding this, I/we release Baldwin County from any liability resulting from actions made on my/our behalf by the authorized agent and representative. I hereby certify that the information stated on and submitted with this application is true and correct. I also understand that the submittal of incorrect information will result in the revocation of this application and any worked performed will be at the risk of the applicant. I understand further that any changes which vary from the approved plans will result in the requirement of a new Land Use Certificate.

*NOTE: *All correspondence will be sent to the authorized representative. It will be the representative's responsibility to keep the owner(s) adequately informed as to the status of the application.*

PROPERTY OWNER(S)

Patricia Adcock Ronald Joe Adcock
Name(s) [printed]

22705 Sibley Cir. Fairhope
Address

Fairhope AL
City/State

(251) 928-1080
Phone Fax#

Patricia Adcock
Signature(s) 4-29-2020
Date

AUTHORIZED AGENT

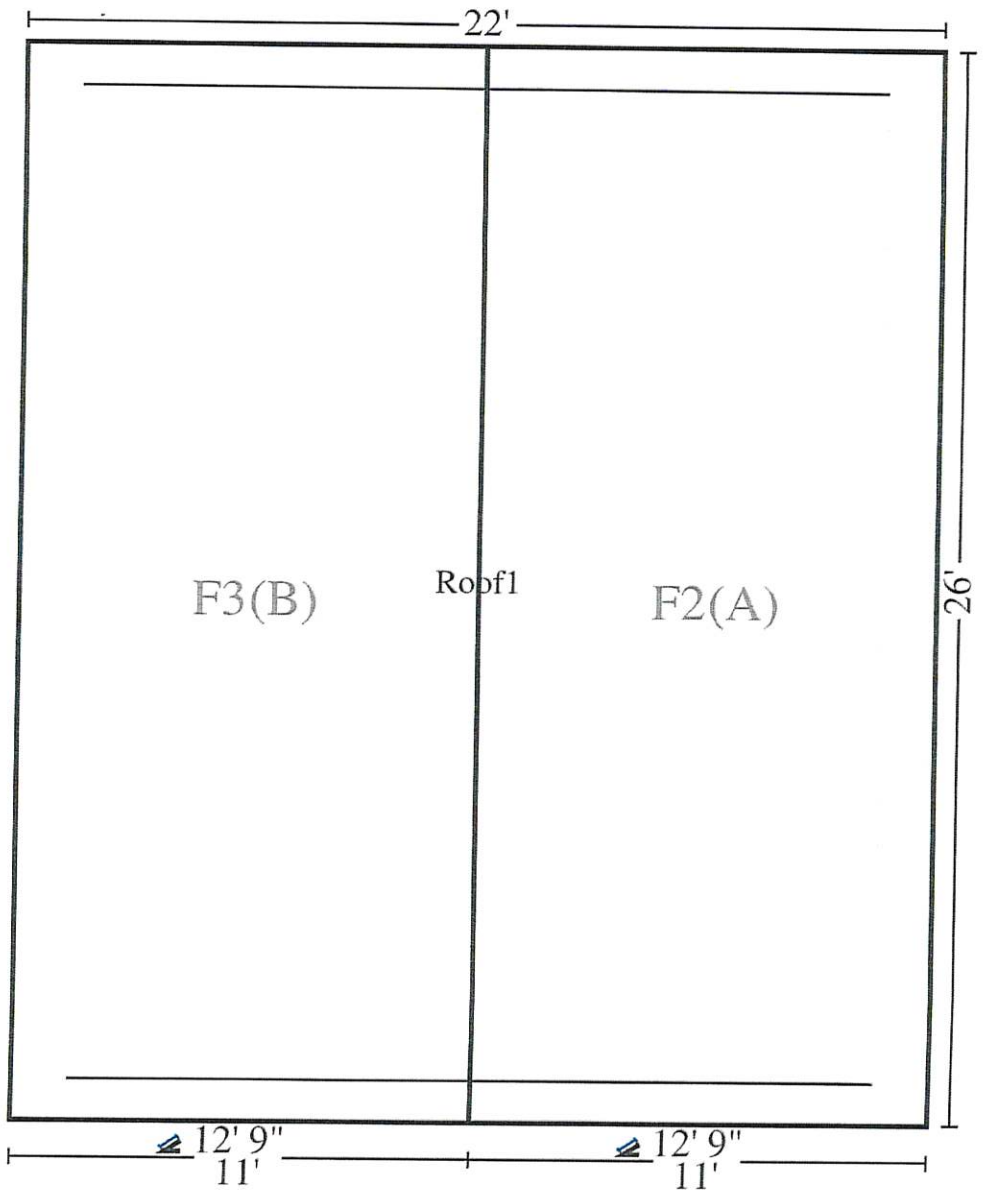
Belfor USA Group Inc. Seth Canzalas
Name(s) [printed]

132 E. I-65 Service Rd. N.
Address

Mobile AL 36607
City/State

(251) 471-1115 (850)-281-0167
Phone office ~~Fax#~~ cell

Signature(s) 4-29-2020
Date



Source - Eagle View

Instructions

PROJECT BUDGETS

Job Name: **Ron Adcock**

Job No.: 113802874

	LABOR	MATERIAL	EQUIPMENT	TOTAL
GENERAL DEMOLITION	145.15	-	1,119.00	1,264.15
DOORS	112.38	375.01	-	487.39
DRYWALL	428.10	214.45	-	642.55
ELECTRICAL	389.23	116.90	-	506.13
FINISH CARPENTRY/ TRIMWORK	273.84	358.30	-	632.14
FINISH HARDWARE	17.08	52.51	-	69.59
FRAMING & ROUGH CARPENTRY	3,934.86	2,769.71	-	6,704.58
GLASS, GLAZING, & STOREFRONTS	45.30	406.78	-	452.08
LIGHT FIXTURES	163.41	234.90	-	398.31
PAINTING	2,101.21	692.55	-	2,793.76
ROOFING	750.82	835.04	-	1,585.86
SIDING	1,505.92	1,658.73	-	3,164.65
SOFFIT, FASCIA, & GUTIER	900.50	629.60	-	1,530.09
STAIRS	93.12	171.41	-	264.53
WINDOW REGLAZING & REPAIR	7.78	-	-	7.78
WINDOWS - WOOD	91.68	-	-	91.68
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Estimate Subtotal:	**10,960.38**	**8,515.88**	**1,119.00**	**20,595.26**

	Budget
Dumpsters/Disposal Fees	-
Architectual/Engineering Fees	-
Travel	-
Mileage	-
Permits	-
Supervision	-
If State Farm - Move to other worksheet	-
Supplies - **State Farm PSP ONLY**	0.88
Total Base Service Charges	-

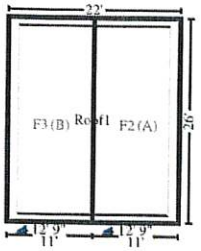
Belfor Property Restoration, Inc.

132 East I-65 Service Road North
Mobile, AL 36607
Telephone: 251-471-1115

20-138-ADCOCK_R

Source - Eagle View

Source - Eagle View



Roof1

662.21 Surface Area	6.62 Number of Squares
102.94 Total Perimeter Length	26.00 Total Ridge Length

DESCRIPTION	QTY
1. 2" x 10" x 20' #2 & better Fir / Larch (material only)	1.00 EA
2. 2" x 10" x 8' #2 & better Fir / Larch (material only)	1.00 EA
3. 2" x 8" x 12' #2 & better Fir / Larch (material only)	38.00 EA
4. 2" x 6" x 20' #2 & better Fir / Larch (material only)	2.00 EA
5. 2" x 6" x 8' #2 & better Fir / Larch (material only)	2.00 EA
6. 2" x 6" x 12' #2 & better Fir / Larch (material only)	4.00 EA
7. Rafters - 2x8 - Labor only - (using rafter length)	439.93 LF
8. Additional labor - 2x8-2x12 - 5/12 to 9/12 slope	439.93 LF
9. Rafters - 2x10 - Labor only - (using rafter length)	26.00 LF
10. Rafters - 2x6 - Labor only - (using rafter length)	98.31 LF
11. Additional labor - 2x4-2x6 - 5/12 to 9/12 slope	98.31 LF
12. Sheathing - OSB - 1/2"	608.00 SF
13. Framing/truss hurricane strap	40.00 EA
14. Sheathing - additional cost for H-clips	662.21 SF
According to the building code in Baldwin County, we will be required to tape the seams of the decking for water proofing. RFG - WBT - 662 SF - This will be added at a later date	
15. Roofing felt - synthetic underlayment	6.62 SQ
16. Drip edge	102.94 LF
17. Asphalt starter - peel and stick	52.00 LF
18. Laminated - comp. shingle rfg. - w/out felt	6.67 SQ
19. Ridge cap - High profile - composition shingles	26.00 LF
20. Soffit - box framing - 1' overhang	102.94 LF
21. Soffit - wood	120.16 SF
22. Fascia - 1" x 6" - #1 pine	102.94 LF
23. Prime & paint exterior soffit - wood	120.16 SF
24. Prime & paint exterior fascia - wood, 4"- 6" wide	102.94 LF

Belfor Property Restoration, Inc.

132 East I-65 Service Road North
Mobile, AL 36607
Telephone: 251-471-1115

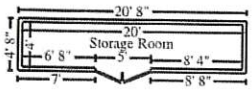
CONTINUED - Roof1

DESCRIPTION	QTY

NOTES:

Storage Room

Storage Room **Height: 8' 6"**



407.49 SF Walls	79.88 SF Ceiling
487.37 SF Walls & Ceiling	79.88 SF Floor
8.88 SY Flooring	47.94 LF Floor Perimeter
47.94 LF Ceil. Perimeter	

DESCRIPTION	QTY
Exterior of Storage Room	
25. Stud wall - 2x4 (per BF)	196.00 BF
26. Header - double 2" x 6"	5.00 LF
27. Joist - floor or ceiling - 2x6 - w/blocking - 16" oc	79.88 SF
28. Framing hanger	18.00 EA
29. Builder board - 1/2" (composition or fiberboard sheathing)	407.49 SF
Exterior walls behind siding	
30. Fiber cement lap siding - 8"	407.49 SF
31. Siding trim - 1" x 4" fiber cement trim board	68.00 LF
Corner trim - Exterior	
32. Exterior door - double - metal - insul. - flush or panel	1.00 EA
33. Door lockset & deadbolt - exterior	1.00 EA
34. Exterior - seal or prime then paint with two finish coats	407.49 SF
35. Seal & paint corner trim - two coats	68.00 LF
36. Seal & paint door or window opening - Large (per side)	1.00 EA
37. Seal & paint door slab only (per side)	2.00 EA
Interior of Storage Room	

Belfor Property Restoration, Inc.

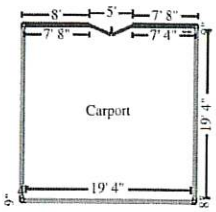
132 East I-65 Service Road North
Mobile, AL 36607
Telephone: 251-471-1115

CONTINUED - Storage Room

DESCRIPTION	QTY
38. 1/2" drywall - hung, taped, floated, ready for paint	487.37 SF
39. Shelving - 12" - in place	30.00 LF
40. 110 volt copper wiring run, box and outlet	6.00 EA
41. Fluorescent - two tube - 4' - fixture w/lens	2.00 EA
42. Light bulb - Fluorescent tube - 4' soft white - mat. only	4.00 EA
43. Casing - 2 1/4"	19.00 LF
Door casing inside	
44. Seal/prime then paint the walls and ceiling (2 coats)	487.37 SF
45. Seal & paint closet shelving	30.00 LF
46. Seal & paint door or window opening - Large (per side)	1.00 EA
47. Seal & paint door slab only (per side)	2.00 EA
48. Install CONCRETE & ASPHALT	**1.00 EA**
We won't be able to determine if the concrete slab can be saved until the demo is complete.	

NOTES:

Carport



Carport — **Height: 8' 6"**

212.29 SF Walls	400.00 SF Ceiling
612.29 SF Walls & Ceiling	400.00 SF Floor
44.44 SY Flooring	17.08 LF Floor Perimeter
80.00 LF Ceil. Perimeter	

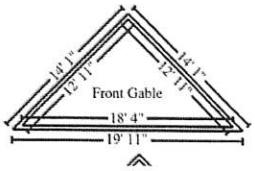
Missing Wall - Goes to Floor	**19' 3" X 7' 6"**	**Opens into Exterior**
Missing Wall - Goes to Floor	**19' 4" X 7' 6"**	**Opens into Exterior**
Missing Wall - Goes to Floor	**19' 4" X 7' 6"**	**Opens into Exterior**
Door	**5' X 6' 8"**	**Opens into Exterior**

DESCRIPTION	QTY
49. 2" x 12" lumber (2 BF per LF)	160.00 LF
Double 2" x 12" frame of open carport	
50. 6" x 6" square wood post - treated (3 BF per LF)	50.00 LF
51. Joist - floor or ceiling - 2x6 - w/blocking - 16" oc	400.00 SF
52. Framing hanger	56.00 EA
53. Sheathing - plywood - 1/2" CDX	400.00 SF
Floor for attic area above carport	
54. Stairway - disappearing (folding) / attic access ladder	1.00 EA
55. Light fixture - Standard grade	1.00 EA
Light in attic	
56. AC plywood - 1/4"	400.00 SF
Ceiling under carport	
57. 110 volt copper wiring run, box and outlet	6.00 EA
58. Fluorescent - two tube - 6' - fixture w/lens	1.00 EA
Light fixture under carport	
59. Siding trim - 1" x 6" fiber cement trim board	170.00 LF
Each 6" x 6" post was wrapped in siding	
60. Crown molding - wood - 3 1/4"	80.00 LF
Perimeter of ceiling under the carport	
61. 2" x 4" lumber - treated (.667 BF per LF)	72.00 LF
Frame for lattice work on left side of the garage.	
62. Lattice work	160.00 SF
Lattice work on left side of carport	
63. Siding trim - 1" x 4" hardboard trim board	60.00 LF
Underside of 2" x 12 perimeter	
64. Fiber cement lap siding - 8"	120.00 SF
Siding on both sides of the 2" x 12" perimeter	
65. Seal & paint plywood sheathing	400.00 SF
66. Paint disappearing (folding) stairway/attic access ladder	1.00 EA
67. Seal & paint crown molding - two coats	80.00 LF
68. Seal & paint trim - two coats	230.00 LF
Paint siding wrapped on posts and the 1" x 4" trim under the 2" x 12" perimeter	
69. Exterior - seal or prime then paint with two finish coats	120.00 SF
70. Seal & paint lattice work	320.00 SF
Paint both sides of lattice work	
71. Install CONCRETE & ASPHALT	**1.00 EA**
We won't be able to determine if the concrete slab can be saved until the demo is complete.	

CONTINUED - Carport

DESCRIPTION	QTY

NOTES:



Front Gable **Height: 8'**

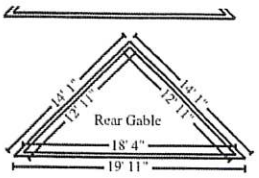
353.55 SF Walls	83.77 SF Ceiling
437.33 SF Walls & Ceiling	83.77 SF Floor
9.31 SY Flooring	44.19 LF Floor Perimeter
44.19 LF Ceil. Perimeter	

DESCRIPTION	QTY
72. 2" x 4" lumber (.667 BF per LF)	60.00 LF
Exterior wall framing	
73. Sheathing - plywood - 1/2" CDX	83.77 SF
Exterior sheathing behind siding	
74. Fiber cement lap siding - 8"	83.77 SF
75. Attic vent - gable end - vinyl - Large	1.00 EA
76. Exterior - seal or prime then paint with two finish coats	83.77 SF

NOTES:

Belfor Property Restoration, Inc.

132 East I-65 Service Road North
Mobile, AL 36607
Telephone: 251-471-1115



Rear Gable **Height: 8'**

353.55 SF Walls	83.77 SF Ceiling
437.33 SF Walls & Ceiling	83.77 SF Floor
9.31 SY Flooring	44.19 LF Floor Perimeter
44.19 LF Ceil. Perimeter	

DESCRIPTION	QTY
77. 2" x 4" lumber (.667 BF per LF)	60.00 LF
Exterior wall framing	
78. Sheathing - plywood - 1/2" CDX	83.77 SF
Exterior sheathing behind siding	
79. Fiber cement lap siding - 8"	83.77 SF
80. Attic vent - gable end - vinyl - Large	1.00 EA
81. Exterior - seal or prime then paint with two finish coats	83.77 SF

NOTES:

General

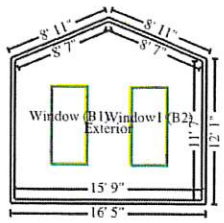
DESCRIPTION	QTY
82. DemoDMO lish/remove detached garage	480.00 SF
83. Dumpster load - Approx. 20 yards, 4 tons of debris	1.00 EA
Dumpster for the rebuild	

NOTES:

Exterior Dwelling

Belfor Property Restoration, Inc.

132 East I-65 Service Road North
Mobile, AL 36607
Telephone: 251-471-1115



Exterior **Height: 8'**

447.91	SF Walls	208.26	SF Ceiling
656.17	SF Walls & Ceiling	208.26	SF Floor
23.14	SY Flooring	55.99	LF Floor Perimeter
55.99	LF Ceil. Perimeter		

DESCRIPTION	QTY
84. Detach & Reset Gutter / downspout - aluminum - up to 5"	24.00 LF
85. Sand wood - exterior	208.26 SF
86. Seal & paint wood window (per side)	4.00 EA
Paint inside and outside due to the glass replacement	
87. Seal & paint trim - two coats	46.00 LF
Corner trim	
88. Prime & paint exterior fascia - wood, 4"- 6" wide	17.50 LF
89. Seal & paint wood siding	208.26 SF
90. Detach & Reset Window screen, 17 - 25 SF	2.00 EA
91. Reglaze 1/4" glass - double pane	35.75 SF
Replace the double pane glass on both wood windows. The glass was cracked by the heat.	
92. R&R Spot light fixture - double	1.00 EA
93. Light bulb - Halogen spot/flood (PAR30) - mat. only	2.00 EA

NOTES:

Labor Minimums Applied

DESCRIPTION	QTY
94. Door labor minimum	1.00 EA
95. Gutter labor minimum	1.00 EA
96. Window labor minimum	1.00 EA

NOTES:

Belfor Property Restoration, Inc.

132 East I-65 Service Road North
Mobile, AL 36607
Telephone: 251-471-1115

Grand Total Areas:

1,774.79	SF Walls	855.69	SF Ceiling	2,630.48	SF Walls and Ceiling
855.69	SF Floor	95.08	SY Flooring	209.40	LF Floor Perimeter
0.00	SF Long Wall	0.00	SF Short Wall	272.32	LF Ceil. Perimeter
855.69	Floor Area	949.06	Total Area	1,774.79	Interior Wall Area
2,299.24	Exterior Wall Area	287.92	Exterior Perimeter of Walls		
662.21	Surface Area	6.62	Number of Squares	0.00	Total Perimeter Length
26.00	Total Ridge Length	0.00	Total Hip Length		

Belfor Property Restoration, Inc.

132 East I-65 Service Road North
Mobile, AL 36607
Telephone: 251-471-1115

1 1-O_2013_2.jpg
Date Taken: 12/26/2019
Taken By: EAGLEVIEW

2 2-Dwelling
Date Taken: 12/26/2019

3 3-Front of carport
Date Taken: 12/26/2019

4 4-Left side of carport
Date Taken: 12/26/2019

5 5-Right side of carport
Date Taken: 12/26/2019

6 6-Rear of carport
Date Taken: 12/26/2019

7 7-Shows another view of carport
Date Taken: 12/26/2019

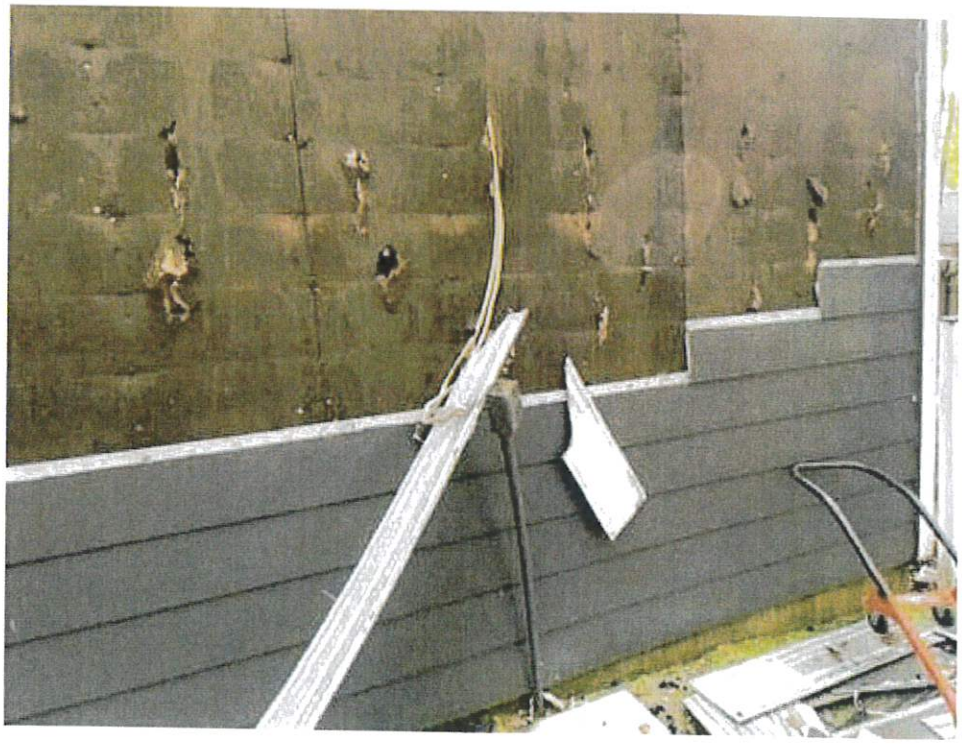
8 8-Storage room under carport
Date Taken: 12/26/2019

9 9-Storage Room
Date Taken: 12/26/2019

10 10-Shows area under carport
Date Taken: 12/26/2019

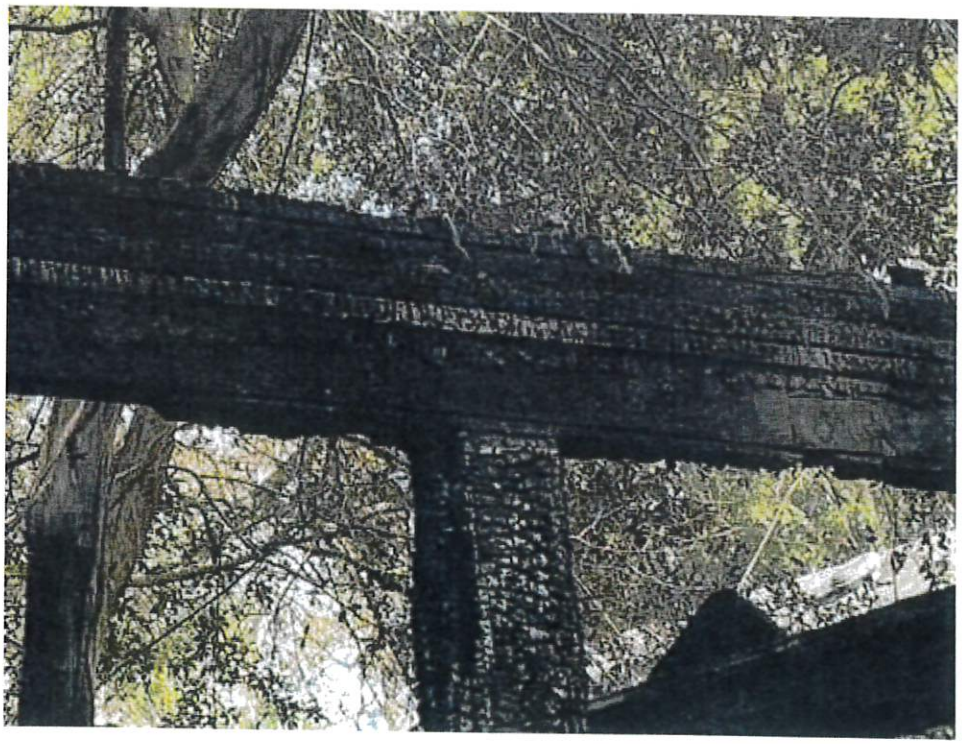
11 11-Shows fiber cement siding
Date Taken: 12/26/2019

12 12-Electrical
Date Taken: 12/26/2019

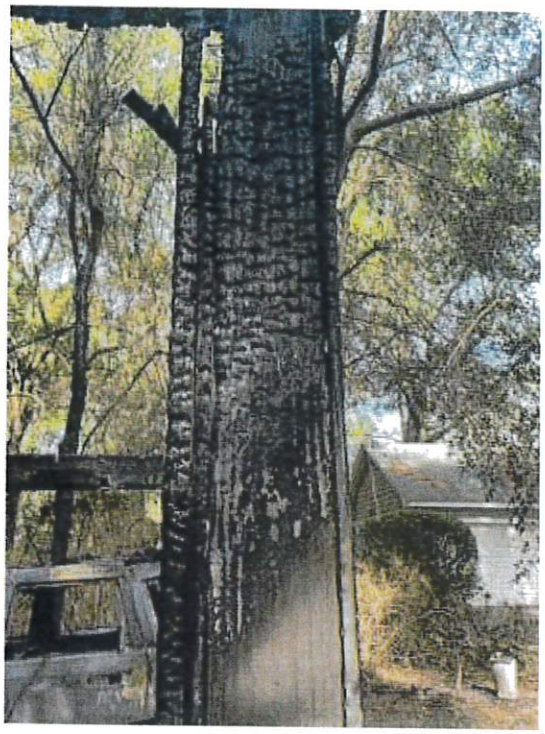


13 13-Concrete slab
Date Taken: 12/26/2019

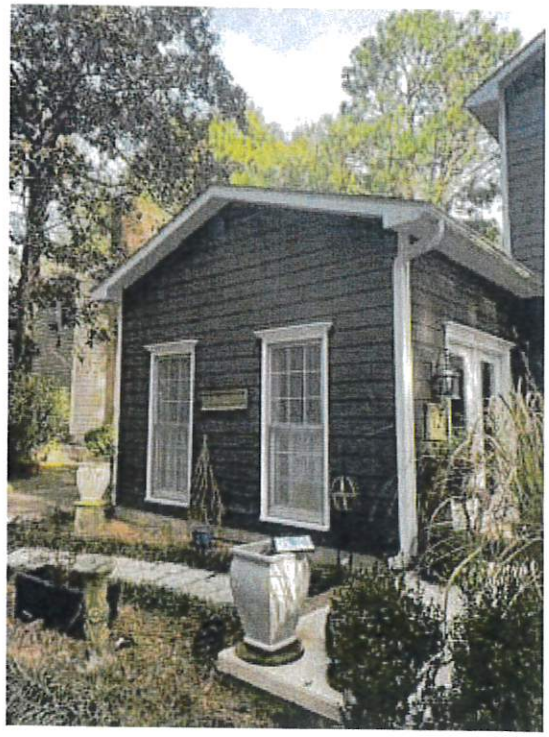
14 14-2" x 12" perimeter
Date Taken: 12/26/2019



15 15-Wrapped 6" x 6" posts
Date Taken: 12/26/2019



16 16-Rear elevation on dwelling
Date Taken: 12/26/2019



17 17-Rear elevation
Date Taken: 12/26/2019

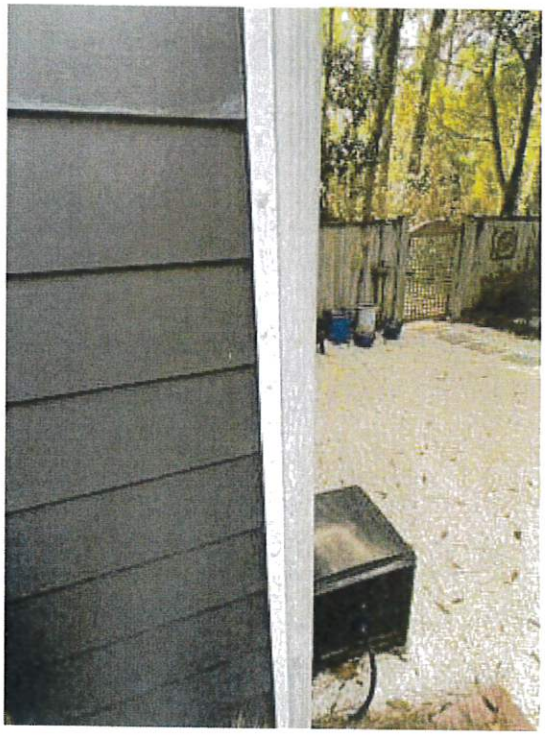
18 18-Blistered paint on rear elevation
Date Taken: 12/26/2019

19 19-Blistered paint on rear elevation
Date Taken: 12/26/2019

20 20-Blistered paint on rear elevation
Date Taken: 12/26/2019

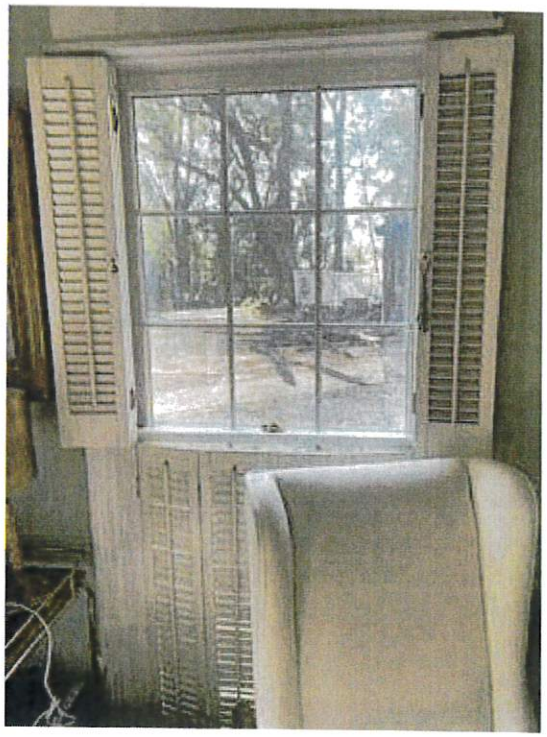
21 21-Blistered paint on rear elevation
Date Taken: 12/26/2019

22 22-Heat blistered the paint
Date Taken: 12/26/2019



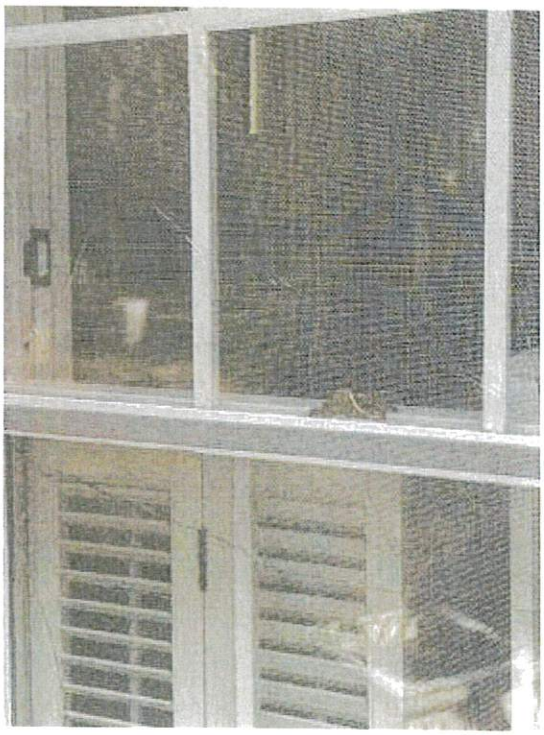
23 23-Heat damage to spot light
Date Taken: 12/26/2019

24 24-Interior view of windows
Date Taken: 12/26/2019



25 25-Glass cracked by heat
Date Taken: 12/26/2019

26 26-Heat cracked the glass
Date Taken: 12/26/2019



27 27-Heat cracked the glass
Date Taken: 12/26/2019

Permit Application

Address of Work 22705 Sibley Court, Montrose AL 36559

Subdivision _____ Lot Number _____

Issued to: Contractor Property Owner

Property Owner Name Ron Adcock Patty Adcock
Phone 251-928-10780
Address 22705 Sibley Court Montrose AL 36559
City, State Zip Montrose AL 36559
Contact Name Ron Adcock
Phone 251-928-1080
Address Same
City, State Zip Same
Email _____

Contractors

Builder/Contractor Belfor Property Restoration
Plumber _____
Electrician Rhyne Electrical
HVAC _____

Description of Work & Project Cost

Rebuild Carport from Fire Damage

Generator Yes or No : Name of Generator contractor

NEW BUILDING COMMERCIAL OR RESIDENTIAL

Value: Estimated List Cost minus cost of property: _____

Inside City of Fairhope Corporate Limits New Construction Must Provide: Current Fair Market Value of the Real Property (please include with application submittal approropriate supporting documentation):
$_____

The applicant hereby certifies, represents and warrants that all information provided in this application is true, accurate, correct and complete.

Signature _____ Date 4-22-20

Submittals should include: Stake Out Survey, 2 Full sets of arch or engineer plans
Commercial Add Landscape Plan, Drainage Plan & Calculation

Fax: 251-990-2879

890A

107

The within subdivision is hereby approved for recording. Permits for installation of septic tanks and drain fields shall be subject to individual lot approvals by the Baldwin County Health Department.

Baldwin County Health Department

By: _____

I hereby certify that the within Subdivision has been granted final approval.

Fairhope Planning Commission

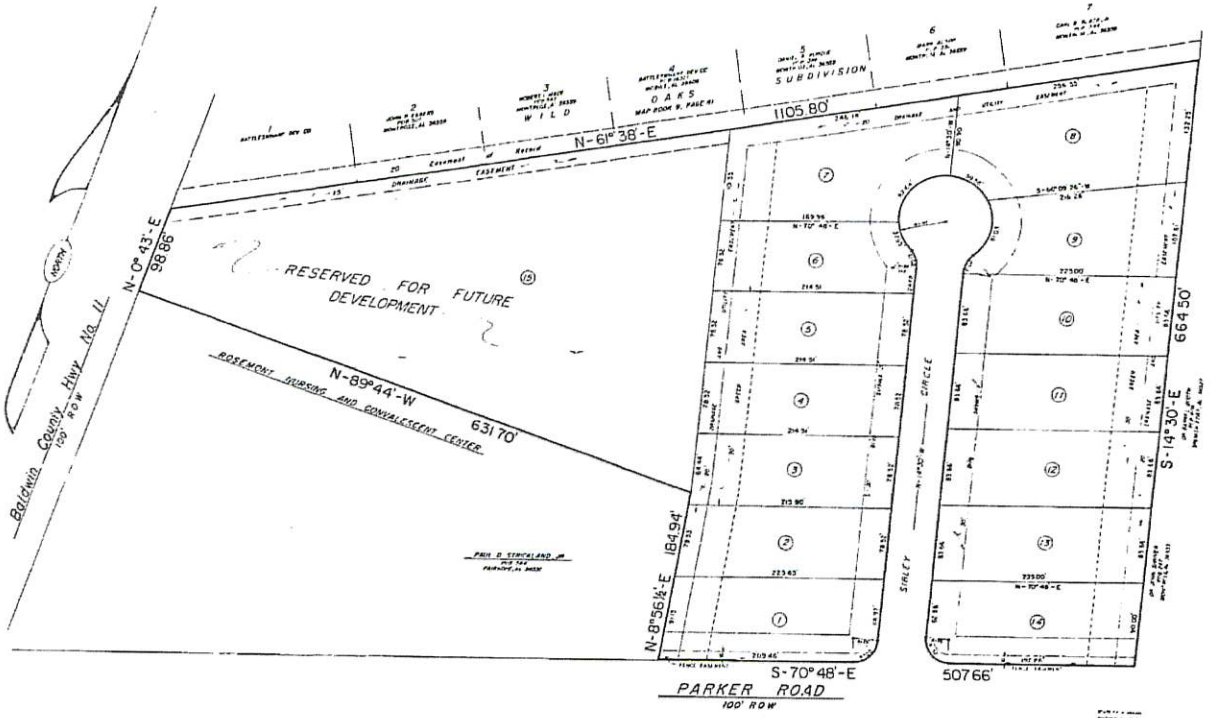
By: Pierce F. Fairchild
Chairman

Date: July 13, 1978

The within plans are hereby approved as to line, grade and drainage of streets.

Alabama State Highway Department

By: _____
Person with title — Division Engineer



SIBLEY SQUARE

A RESUBDIVISION OF
PARKER ROAD COMMERCIAL PARK
(MAP BOOK 10, PAGE 42)

OWNER'S ACCEPTANCE:

We, the undersigned, as president and secretary of Qualico Properties, Incorporated (an Alabama Corporation), acting with full authority, do hereby certify that the within Corporation is Owner of the within described property and does hereby accept the within survey and Subdivision by Ack W. Hoole.

_____ _____
President Secretary

Date: _____ Date: _____

NOTARY'S CERTIFICATE:

This day appeared before me, _____, and _____, who are known to me, affirming that they have executed the within Owner's Acceptance as the official act of Qualico Properties, Incorporated, with full authority, voluntarily and having been duly informed of the contents therein.

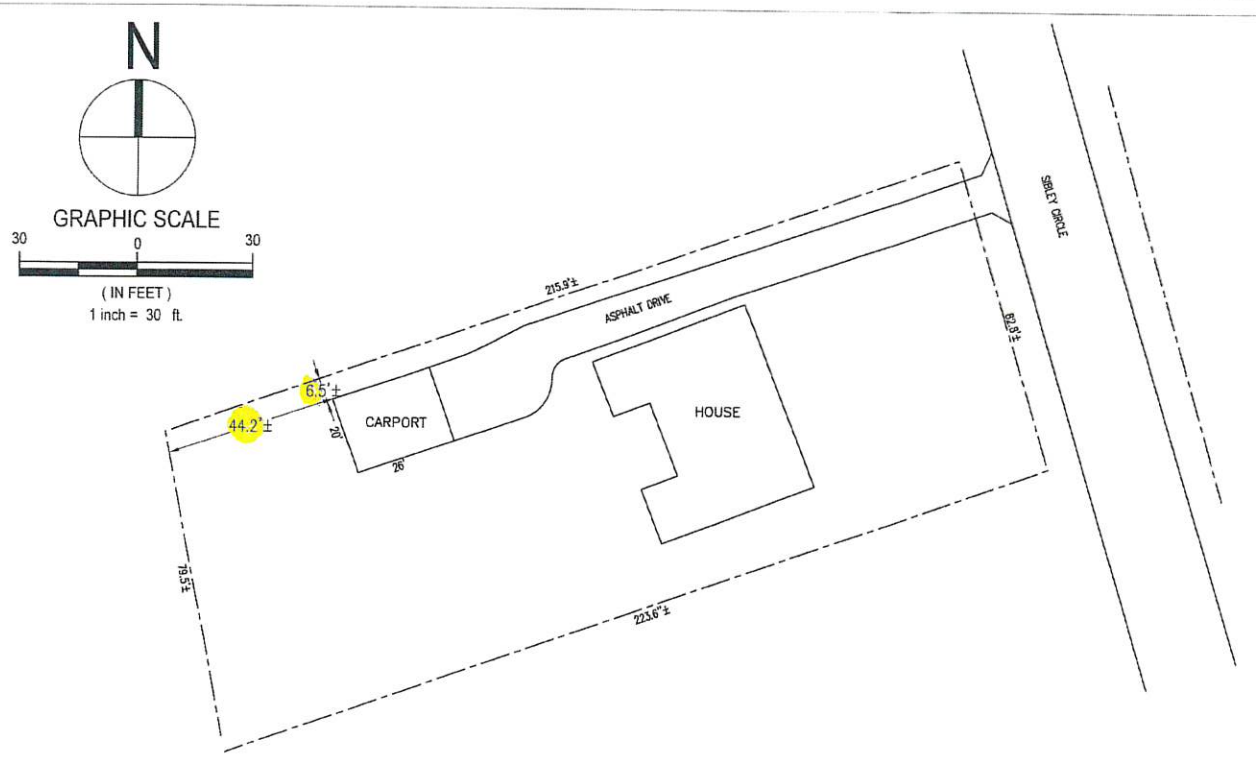
_____
Notary Public

My Commission Expires _____

I hereby certify that the within is, to the best of my knowledge and belief, a correct representation of my survey of 29 and 30, June, 1978, [illegible] at a concrete post where the North line of Parker Road intersects the East boundary of said John Forbes Grant; run S0°43'E, 664.5 feet to an iron pipe at the Southeast corner of said subdivision; thence run S89°44'E along the South boundary of said Subdivision, 1105.8 feet to a concrete marker on the East line of Baldwin County Highway 211; thence run S-8°56½'E along said Highway, 184.94 feet to an iron pipe at the Northeast corner of lands of [illegible]; thence run S-70°48'E along the Easements and Paul D. Strickland, Jr., Northerly Boundary, 631.70 feet to an iron pipe; thence run S-14°30'E along the Paul D. Strickland, Jr., East boundary 114.76 feet to an iron pipe on the North line of Parker Road, whichbears N 70°48' West 507.66 feet North of, and 700.95 feet West of, the Southeast corner of said John Forbes Grant [illegible]; thence run N-70°48'-W along Parker Road, 507.66 feet to the point of [illegible].

Ack W. Hoole, Reg. S Lic. # Ala. Lic. No. 5248

A RESUBDIVISION OF PARKER ROAD COMMERCIAL PARK		
SIBLEY SQUARE	1"=50'	
QUALICO PROPERTY INC.		
DATE 2178		76-11



ADCOCK CARPORT RECONSTRUCTION
SITE PLAN

APPROVED PLANS
AS REVIEWED BY THE
BALDWIN COUNTY
PLANNING & ZONING DEPARTMENT
Crystal Bates 5-8-20

ADDRESS:
22705 SIBLEY CIRCLE
FAIRHOPE, AL 36619

DRAWN BY:	J. Asarisi
CHECKED BY:	J. Asarisi
DATE:	05/07/20
CLIENT:	BELFOR
PROJECT:	AL20019
SHEET:	C1

ALABAMA REGISTERED PROFESSIONAL ENGINEER
JOSEPH N. ASARISI
05/07/20
STAMP NOT VALID UNLESS SIGNED

MS4 Area Report
From 04/01/20 to 03/31/21

Conditional Use

1 Case

Case Num	Date Received	Parcel Num
P-21002	12/08/20	05-43-05-22-0-000-013.147

MS4 Area Report

From 04/01/20 to 03/31/21

History

8 Cases

Case Num	Date Received	Parcel Num
HD-20008	05/26/20	05-45-07-25-0-000-056.002
HD-20009	05/26/20	05-32-08-34-0-000-002.015
HD-20010	08/24/20	05-32-08-34-0-000-002.080
HD-20015	10/30/20	05-43-09-31-0-000-018.004
HD-21003	01/27/21	05-43-09-30-0-000-079.000
HD-21004	01/27/21	05-45-07-25-0-000-066.001
HD-21005	01/28/21	05-45-07-25-0-000-066.001
HD-21005	01/28/21	05-45-07-25-0-000-066.002
HD-21007	02/19/21	05-43-09-30-0-000-076.001

MS4 Area Report

From 04/01/20 to 03/31/21

Parcels

2 Cases

Case Num	Date Received	Parcel Num
PF-200241	12/01/20	05-32-08-34-0-000-002.002
PF-210010	01/19/21	05-32-07-26-0-000-023.000
PF-210010	01/19/21	05-32-07-35-0-000-001.000
PF-210010	01/19/21	05-32-07-35-0-000-001.008

MS4 Area Report
From 04/01/20 to 03/31/21

Rezoning

9 Cases

Case Num	Date Received	Parcel Num
Z-20016	05/06/20	05-43-06-14-0-000-015.000
Z-20027	07/08/20	05-43-05-22-0-000-019.002
Z-20028	07/08/20	05-42-03-05-0-000-012.000
Z-20028	07/08/20	05-42-03-05-0-000-013.000
Z-20029	07/08/20	05-43-06-23-0-000-009.000
Z-20030	07/20/20	05-42-05-16-0-000-033.000
Z-20046	11/13/20	05-43-06-14-0-000-017.000
Z-21001	11/17/20	05-42-02-09-0-000-005.000
Z-21002	11/13/20	05-43-06-14-0-000-017.000
Z-21010	12/18/20	05-42-05-16-0-000-003.000

MS4 Area Report

From 04/01/20 to 03/31/21

Subdivision

4 Cases

Case Num	Date Received	Parcel Num
S-20040	04/27/20	05-46-02-10-0-000-030.126
S-20059	07/07/20	05-32-07-25-0-000-001.152
S-20065	08/14/20	05-32-05-22-0-000-081.010
S-21001	11/10/20	05-42-05-16-0-000-003.000

MS4 Area Report
From 04/01/20 to 03/31/21

Zoning Verification

43 Cases

Case Num	Date Received	Parcel Num
ZV-200342	04/02/20	05-43-09-29-0-000-083.000
ZV-200375	04/21/20	05-46-04-20-4-000-052.000
ZV-200382	04/21/20	05-32-08-34-0-000-002.015
ZV-200416	05/04/20	05-43-09-29-0-000-051.003
ZV-200417	05/04/20	05-32-07-25-0-000-002.000
ZV-200425	05/06/20	05-42-03-08-0-000-014.000
ZV-200431	05/06/20	05-32-08-34-0-000-002.010
ZV-200440	05/11/20	05-32-08-34-0-000-003.000
ZV-200472	05/18/20	05-43-09-43-0-000-043.000
ZV-200498	05/29/20	05-46-09-32-0-000-002.042
ZV-200507	06/03/20	05-32-08-28-2-002-003.000
ZV-200512	06/08/20	05-45-06-24-4-000-015.000
ZV-200533	06/15/20	05-43-06-23-0-000-027.002
ZV-200581	06/25/20	05-43-01-01-1-000-068.000
ZV-200594	06/30/20	05-32-03-05-0-000-002.090
ZV-200601	07/02/20	05-43-05-22-0-000-014-004
ZV-200611	07/07/20	05-32-04-39-0-000-001.297
ZV-200620	07/07/20	05-43-09-31-0-000-005.000
ZV-200624	07/08/20	05-43-04-41-0-001-004.000
ZV-200625	07/08/20	05-43-07-26-0-000-003.010
ZV-200626	07/08/20	05-32-04-39-0-000-001.189
ZV-200632	07/10/20	05-32-03-05-0-000-002.074
ZV-200645	07/16/20	05-43-05-22-0-000-014.165
ZV-200690	07/24/20	05-43-06-14-0-000-017.000
ZV-200702	07/28/20	05-42-03-08-0-000-073.000
ZV-200726	08/05/20	05-32-04-39-0-000-001.185
ZV-200754	08/13/20	05-32-07-26-0-000-021.037
ZV-200793	08/26/20	05-43-01-01-1-000-211.000
ZV-200796	08/26/20	05-43-01-01-0-000-001.552
ZV-200809	08/31/20	05-32-05-22-0-000-081.020
ZV-200829	09/08/20	05-43-07-26-0-000-003.009
ZV-200832	09/10/20	05-43-05-22-0-000-013.011
ZV-200879	10/06/20	05-46-06-13-0-000-026.013
ZV-200880	10/06/20	05-46-06-23-0-000-004.143

MS4 Area Report
From 04/01/20 to 03/31/21

Zoning Verification

43 Cases

Case Num	Date Received	Parcel Num
ZV-200891	10/09/20	05-42-05-16-0-000-003.000
ZV-200905	10/15/20	05-32-09-37-0-003-001.006
ZV-200934	10/27/20	05-46-03-37-0-701-002.503
ZV-200945	11/06/20	05-46-03-37-0-010-002.000
ZV-200953	11/16/20	05-43-09-32-0-000-050.000
ZV-200954	11/17/20	05-43-09-32-0-000-050.000
ZV-200965	12/02/20	05-46-05-21-0-000-030.001
ZV-200973	12/17/20	05-43-06-14-0-000-013.001
ZV-200973	12/17/20	05-43-06-14-0-000-013.002
ZV-200973	12/17/20	05-43-06-14-0-000-014.001
ZV-200973	12/17/20	05-43-06-14-0-000-014.002
ZV-200973	12/17/20	05-43-06-14-0-000-014.003
ZV-200973	12/17/20	05-43-06-14-0-000-014.004
ZV-210011	01/29/21	05-43-04-20-3-000-001.000

MS4 Area Report

From 04/01/20 to 03/31/21

Subdivision

4 Cases

Case Num	Date Received	Parcel Num
S-20040	04/27/20	05-46-02-10-0-000-030.126
S-20059	07/07/20	05-32-07-25-0-000-001.152
S-20065	08/14/20	05-32-05-22-0-000-081.010
S-21001	11/10/20	05-42-05-16-0-000-003.000

MS4 Area Report

From 04/01/20 to 03/31/21

Conditional Use

1 Case

Case Num	Date Received	Parcel Num
P-21002	12/08/20	05-43-05-22-0-000-013.147

Appendix E

Post-Construction Storm Water Management

Baldwin County
Natural Resource Review

Site Name: _____ **Engineer:**_____

____ CBMPP designed by a QCP

____ CBMPP includes a topo map, 1 foot increments, showing the proposed construction area along with any natural features such as watercourses, waterways, wetlands and any other sensitive (critical) areas

____ Wetlands delineation required

____ US COE Permit Required

____ 30 ft Wetland Buffers required, Flagging & Signs

____ FEMA Floodway Permit Required

____ Stream Buffers Present

____ADCNR State Water Lands Permit Required

____CBMPP designates storm water discharge point(s) and whether the site discharges to ADEM 303d Listed

____ Storm Water Facility Inspection Required

____Enhanced CBMP plan recommended

____ Significant Trees on Site

____Water quality treatment recommended

____ Dog Park/Car Wash Discharge

____Acres to be disturbed noted in CBMP plan

____ ADEM General Permit Required

____Phasing required; site land disturbance exceeds 17.5 acres

____Construction exit located and detailed in CBMP plan

____Phased erosion and sediment control measures detailed in CBMP plan throughout construction

____CBMP plan has provisions for contractor inspection and maintenance of BMPs detailed in CBMP plan

____ ADEM 13-day rule detailed in CBMP plan

____Dust Control requirements detailed in CBMP plan

____Concrete washout area located and detailed in CBMP plan

____ Spill Prevention Control Countermeasures Plan (SPCCP) requirements detailed in plan

____Onsite burning requirements detailed CBMP plan

____Dumpster requirements detailed in CBMP plan

____Sanitary Waste requirements detailed in CBMP plan

____Permanent stabilization measures detailed in CBMP plan

____Alabama/Riviera Power ROW Permit Required

____ALDOT ROW Permit Required

Other comments: _____

_____

Comments:

Disclaimer: An approved CBMP Plan does not guarantee site compliance. When warranted, additional BMPs should be added throughout the construction process to assure site compliance and to prevent off site impacts.

Date_____ **Reviewed by Initials** _____

Final Inspection Check List:

Erosion Control Inspection Form

PROJECT NAME: Hilltop Subdivision	PROJECT NO.: S-19028
DATE:	LOCATION OF PROJECT: S. Section St.
INSPECTOR: Vince Ramer	CONTRACTOR: Baldwin Road Builders , Inc.
WEATHER CONDITIONS: Sunny	PRIORITY SITE: YES NO

Item Applicable	Item	Status of BMPs (Adequate, Needs Maintenance, Missing, etc.)	Comments
	Bulletin Board / Permits / Paper Work	OK	
	Clearing and Grubbing	OK	
	Construction Entrance	OK	
	Exposed Soils	Needs Maintenance	Erosion items are being addressed today.
	Velocity Reduction Items	Needs Maintenance	" Same as above "
	Inlet/Outlet Protection	OK	
N/A	Fueling / Equipment Maintenance Site		
N/A	Fuel Stored On Site / Containment Plan		
N/A	Vehicle Wash Station		
N/A	Areas That Need to be Dewatered		
	Waste / Trash Being Properly Disposed of	OK	

Additional Comments:

The last rain caused some erosion issues and are being addressed today.

Signature: Vince Ramer

13.10.2 *Standards.* A special exception for a bed and breakfast establishment may be approved only upon determination that the application and evidence presented clearly indicate that all of the following standards will be met:

(a) No more than eight (8) guest rooms shall be included in any one establishment.

(b) Except for serving meals to overnight guests, the establishment shall not engage in the restaurant business. Guest rooms shall not contain cooking facilitates.

(c) Guest stays shall be limited to two weeks.

(d) At least one off-street parking space shall be provided for each guest room, plus two for the owner.

(e) All requirements, standards, and conditions contained in *Section 18.8.4* of these zoning ordinances shall be met.

Section 13.11 Stormwater Management

A stormwater management plan is required for all major projects. Such plan shall be prepared by a licensed engineer and shall be submitted in conjunction with an application for a land use certificate as herein provided. No development may proceed until a land use certificate has been approved. The Zoning Administrator shall, in consultation with the Building Official and County Engineer or his/her designee, determine that reasonable provisions for properly handling surface drainage have been made in the applicant's design.

Section 13.12 Erosion Control

13.12.1 *Purpose and Intent.* It is the purpose of this ordinance to further the maintenance of safe and healthful conditions, prevent and control water pollution, prevent and control soil erosion, protect spawning grounds, protect fish and aquatic life, control building sites, control placement of structures and land uses, preserve ground cover and scenic beauty, and promote sound economic growth. This will be done by minimizing the amount of sediment and other pollutants carried by runoff or discharged from land disturbing construction activity.

13.12.2 *Definitions.* Words and phrases used in this article shall have the meanings as set forth in this section. Words and phrases not defined in this section but defined elsewhere in the zoning ordinances shall be given the meanings as set forth in such ordinances. All other words and phrases shall be given their common, ordinary meaning unless the context clearly requires otherwise.

Agricultural activity. Planting, growing, cultivating and harvesting crops for human or livestock consumption and pasturing or outside yarding of livestock, including sod farms and silviculture. This includes waterways, drainage ditches, diversions, terraces, excavating, filling, and similar practices on farm fields.

Best management practice (BMP). Structural or non-structural measures, practices, techniques or devices employed to avoid or minimize soil, sediment, or pollutants carried in runoff to waters of the state.

Construction site. An area upon which one or more land disturbing construction activities occur, including areas that are part of a larger common plan of development or sale where multiple separate and distinct land disturbing construction activities may be taking place at different times on different schedules but under one plan.

Erosion. The process by which the land's surface is worn away by the action of wind, water, ice or gravity.

Erosion and sediment control plan. A plan developed to address pollution caused by soil erosion and sedimentation during land disturbing construction activity.

Qualified Credentialed Inspector (QCI). An operator, operator employee, or operator designated qualified person who has successfully completed initial training and annual refresher Qualified Credentialed Inspection Program (QCIP) training, and holds a valid certification from a Department approved cooperating training entity.

Qualified Credentialed Professional (QCP). A staff member of the Alabama Department of Environmental Management (ADEM) designated by the Director of ADEM, a licensed Professional Engineer, an Alabama Natural Resources Conservation Service professional designated by the State Conservationist, a Certified Professional In Erosion And Sediment Control, or other registered professionals (geologists, soil scientists, land surveyors, landscape architects).

Sediment. Settleable solid material that is transported by runoff, suspended within runoff or deposited by runoff away from its original location.

Site. The entire area included in the legal description of the land on which the land disturbing construction activity is proposed in the permit application.

Water(s). Includes, but is not limited to, water on or beneath the surface of the ground, including natural or artificial watercourses, streams, rivers, lakes, ponds, or diffused surface water and water percolating, standing, or flowing beneath the surface of the ground.

Watercourse. A natural or artificial channel through which water flows.

13.12.3 *General Design Principles.* The following principles apply to all land disturbing activities within the jurisdiction of the Baldwin County Planning and Zoning authority and should be considered when preparing construction plans and/or submissions required under this ordinance:

(a) To minimize the potential for soil erosion, development should fit the topography and soils of the site. Areas with extreme slopes where cuts and fill would be required should be avoided.

(b) Natural vegetation should be maintained and protected wherever and whenever possible. Areas immediately adjacent to watercourses, wetlands and lakes should be left undisturbed wherever possible.

(c) All construction activities on a site should be conducted in a logical sequence so that the smallest practical area of land will be exposed for the shortest practical period of time during development.

(d) Sediment basins, silt traps and filters should be installed prior to the beginning of construction to remove as much sediment as possible from runoff leaving the site or entering watercourses, wetlands, lakes or reservoirs.

(e) The selection of soil erosion and sedimentation control measures should be based on the size of the project, the frequency of climatic events likely to accelerate erosion, the season during which the project is being constructed, and the potential for damage should erosion and sedimentation occur.

(f) In the design of erosion and sedimentation control measures the requirements for proper maintenance will be considered.

(g) Provision should be made to accommodate the increased runoff caused by altered surface and soil conditions both during and after development. Drainage ways should be designed so that their final gradients and resultant velocities will not cause erosion.

(h) Provision should be made for the proper transport of soil from the site without tracking or spilling soil along the transport route.

(i) Permanent vegetation and erosion control structures should be installed and temporary structures removed prior to the issuance of final occupancy permits.

(j) Any land disturbance activity which takes place in a right-of-way will require approval from the governing agency.

13.12.4 *Design Criteria, Standards and Specifications.* All erosion and sediment control measures, including, but not limited to those required to comply with this ordinance, shall meet the design criteria, standards and specifications given in the most current version of the Alabama Handbook for Erosion Control, Sediment Control and Storm Water Management on Construction Sites and Urban Areas.

13.12.5 *Specific Requirements.* Control of erosion and sediment through the entire duration of the land disturbing activity is the responsibility of the applicant. The following measures shall be utilized where required to provide the necessary control.

(a) Runoff from off-site and flowing through the land in question may be diverted around the land disturbing activity by means of swales, channels, ditches, culverts or storm sewers. The diversion may be a temporary installation, utilized only until the land disturbing activity is complete, or it

(k) *Dust control.* All development which will result in exposure of bare soil during dry periods shall follow short-term stabilization methods as follows:

1.) Maintain soils in a damp condition as determined by sight or touch.

2.) Establish a stabilized surface through watering or other approved methods.

(l) *Stabilization.* Within 10 days of ceasing activity, an operator shall implement at least one (1) of the following long-term stabilization techniques for any disturbed surface area where construction activities are not scheduled to occur for at least thirty (30) days:

1.) Revegetation that results in seventy-five percent (75%) ground coverage provided that an active watering system is in place at all times.

2.) Establish a stabilized surface through watering with physical access restriction surrounding the area or other approved methods.

13.12.6 *Maintenance of Erosion Control Measures.* All erosion control measures shall be maintained throughout the course of the construction or until the growth of vegetation has made them unnecessary. If silt fence is temporarily removed to allow access to a portion of the site it shall be re-installed at the end of the work day. The applicant is responsible for the maintenance of all erosion control measures.

13.12.7 *Erosion Control Plan.* An erosion control plan shall be submitted with each application as follows:

(a) *Minor Projects - Single Family Homes and Accessory Structures (areas of disturbance less than 1 acre)* The erosion control plan for single family home sites shall be made a part of the site plan provided with the application for a Land Use Certificate. It shall be prepared by an Alabama Licensed Professional Land Surveyor, Engineer, Architect, Landscape Architect, a Certified Professional in Erosion and Sediment Control, a QCI, a licensed home builder or a licensed general contractor. The site plan shall show, as a minimum, the direction of surface slopes, any watercourses on the lot, and the location of all erosion control installations proposed.

(b) *Major Projects – All other Residential and Non-Residential Sites (areas of disturbance greater than or equal to 1 acre).*The erosion control plan for multi-family and all non-residential sites shall conform to the following:

1.) The plan shall be prepared by an Alabama Licensed Professional Land Surveyor, Engineer, Architect, Landscape Architect or QCP.

2.) The plan shall be drawn to a scale adequate to clearly show the site and the required information. In no case shall the plan be drawn to a scale less than 1"=100'.

3.) The plan may incorporate one or more sheets as necessary to clearly convey the intent of the plan. The plan may also incorporate text to explain any specifics of the plan cover the specifications for the materials required or convey the development phasing.

4.) As a minimum the plan shall show all existing and proposed:

A. Site boundaries, lots, etc.

B. All watercourses (with sizes), ponds, lakes, wetlands.

C. Apparent floodplains, floodway fringes, and floodways.

D. Soil types and their erodability. The information provided in the Soil Survey of Baldwin County, Alabama as published by the U.S. Dept. of Agriculture, Natural Resources Conservation Service, is appropriate.

E. Vegetative cover such as crops, grass, weeds, and/or trees. The use of exotic or invasive species as proposed vegetative cover is discouraged.

F. Utilities, structures, road pavements and other improvements.

G. Existing contours at an interval not greater than 2 feet. An adequate number of spot elevations may be provided in lieu of the contours.

H. Locations and dimensions (where applicable) of all proposed erosion control measures.

13.12.8 *Permits*

(a) *General.* A land disturbance permit shall be obtained for all minor and major projects. The permit shall be on a form provided by the Baldwin County Planning and Zoning Department. For small scale projects a Land Use certificate shall be used in lieu of a land disturbance permit.

(b) *Permit Conditions.* All permits shall require the applicant to:

1.) Notify the Planning and Zoning Department at least 24 hours before beginning any major project land disturbing activity.

2.) Notify the Planning and Zoning Department of any modifications of the erosion control plan within 7 days of change.

3.) Install and maintain all erosion control measures as identified in the erosion control plan.

4.) Maintain all road drainage systems, storm water drainage systems and other facilities as identified in the erosion control plan.

5.) Remove sediment resulting from land disturbing activities from adjacent surfaces and/or drainage courses in accordance with all State and Federal regulations.

6.) Allow the Planning and Zoning Department to enter the site to verify compliance with the erosion control plan.

7.) Submit a revised plan for approval if the nature of the project changes from that proposed under the permit.

8.) Submit copies of all necessary state and federal permits

(d) *Permit Fees.* All fees for a Land Disturbance Permit shall be paid prior to permit issuance.

(e) *Length of Permit Validity.* In the event that the land disturbing activities are not started within 6 months and/or the work is not completed within three (3) years from the date of the permit said permit shall become invalid and a new permit shall be obtained.

13.12.9 *Enforcement*

(a) *Stop Work Notice.* The Planning & Zoning Department may issue a stop work notice in accordance with the zoning ordinance for any work not conforming to the requirements of this ordinance. The stop work notice may be lifted only after the work has been made to conform to this ordinance. If, after the stop work order has been issued for a period of not less than ten (10) calendar days and the work is not in compliance with this ordinance the Department may serve notice of zoning violation.

(b) *Fines for Violation.* In addition to any and all other remedies set forth in this ordinance for a violation thereof, the Planning Director or his/her designee may, for any violation of this ordinance, levy a fine against the violator(s) of up to $150.00 for each occurrence, each day being a separate occurrence. The Department shall notify the violator(s) of such fine, in writing.

13.12.10 *Exemptions*. This ordinance shall apply to any land-disturbing activity undertaken by any person on any land except for the following activities. These activities may be subject to regulation by State and Federal agencies.

(a) The construction of single family residences when such construction is located on lots exceeding three (3) acres and construction activity disturbs less than one (1) acre and is not a part of a larger common plan of development or sale.

(b) Surface mining.

(c) Such minor land-disturbing activities as home gardens and individual home landscaping, repairs, maintenance work, and other related activities which result in minor soil erosion.

(d) Agricultural activities as defined herein.

(e) Any project carried out under the technical supervision of the Natural Resources Conservation Service of the United States Department of Agriculture, the State of Alabama or Baldwin County Commission.

(f) Construction or maintenance projects, or both, undertaken or financed in whole or in part, or both, by the Department of Transportation; or any road construction or maintenance project, or both, undertaken by any county or municipality.

(g) Forestry land management practices, including harvesting; provided, however, that the Alabama's Best Management Practices for Forestry are followed.

Section 13.13 Wind Energy Conversion Systems

13.13.1 *Purpose and Intent.* It is the purpose and intent of this section to provide standards and regulations for the safe and effective construction, placement, operation and use of small wind energy conversion systems for onsite home, farm and commercial use.

13.13.2 *Applicability*. This section shall apply to wind energy conversion systems (WECS) used for electrical energy generation. Microturbines and Small WECS shall be regulated as accessory structures under all zoning designations. Large and Utility Scale systems shall not be permitted.

13.13.3 *Definitions.* Words and phrases used in this section shall have the meanings as set forth in this section. Words and phrases not defined in this section, but defined elsewhere in the zoning ordinance, shall be given the meanings as set forth in applicable provisions of the zoning ordinance. All other words and phrases shall be given their common, ordinary meaning, unless the context clearly requires otherwise.

WECS or system. A machine which can convert kinetic energy in wind into a usable form of electrical or mechanical energy, such as a wind turbine, windmill or any other wind generated energy production facilities or equipment. As used within this section, a WECS includes all parts of the turbine and the tower upon which it is installed, including any associated facilities or equipment, but does not include power transmission equipment.

Microturbine. A WECS which generates one kilowatt or less of electrical energy.

Small WECS. One WECS, with a rated capacity of 50 kilowatts (kw) or less, to be used to provide electrical energy on site. Excess electricity may be sold back to an electric utility provider providing service to the site through net metering, net billing or similar programs.

Large WECS. One WECS with a rated capacity of more than 50 kw, but less than 100 kw.

Utility Scale WECS. One WECS with a rated capacity of more than 100 kw.

§ 5.12.3 Stormwater Detention/Retention Plan Sheet Requirements

The Design Engineer shall submit detailed plans for review and approval. Said plans shall be prepared by a Professional Engineer licensed in the State of Alabama and shall contain the following information:

(a) Topography map of the proposed retention/detention facility area(s);

(b) Existing and proposed contour lines at 1 foot intervals of the entire property and full width of all adjacent rights-of-way. Topographic information shall be based on the NAVD 88 datum. Elevations must be field verified. Greater intervals may be allowed, if approved by the County Engineer or his/her designee;

(c) All proposed pipes, control structures, headwalls, riprap, junction boxes, including location, size, and flow line elevations;

(d) Detailed drawings of the control structure(s);

(e) Cross sections of each storm water facility.

§ 5.12.4 Maintenance

Retention/Detention facilities are to be built in conjunction with the storm sewer installation and/or grading. Since these facilities are intended to control increased runoff, they must be partially or fully operational prior to the clearing of the vegetation and subsequent construction. Silt and debris connected with early construction shall be removed periodically from the retention/detention area and control structure in order to maintain design storage capacity.

The responsibility for maintenance of the retention/detention facilities and drainage structures within designated drainage easements shall remain with the developer until such time as responsibility is transferred to a property owners'/home owners' association. The developer (and after the transfer or responsibility, the property owner's association) shall keep such retention/detention facilities free of silt, debris, undergrowth and any vegetation which would interfere with the proper function thereof. The association shall clearly and explicitly accept responsibility for maintenance. These maintenance requirements do not imply that any drainage structures or systems are or will become the maintenance responsibility of Baldwin County Commission. A letter from the owner/developer indicating the chain of responsibility for maintenance of all drainage structures or systems along with a copy of the proposed instrument of organization for the property owners'/home owners' association shall be submitted with the Final Plat submittal.

§ 5.13 Erosion and Sedimentation

§ 5.13.1 General

During construction accelerated erosion may occur during storm water runoff with a proportionate increase in visible erosion, scour and siltation both within and outside of the construction site. The following provisions impose requirements on persons engaged in land disturbing activities which require planning and implementation of effective sedimentation controls for subdivision development sites.

The Design Engineer shall submit an ADEM-approved Construction Best Management Practices Plan. Said plan shall be prepared by a Professional Engineer licensed in the State of Alabama. If the County

(c) Street rights-of-way and pavement shall be in accordance with *the Baldwin County Design Standards for New Road Construction* (attached as Appendix 4), to accommodate the type and volume of traffic anticipated to be generated thereon.

(d) The applicant shall insure that the nonresidential subdivision as a whole may be self-sufficient with regard to providing necessary off-street parking. The applicant may make parking self-sufficiency a requirement of individual lots.

(e) With respect to physical improvements, special requirements may be imposed by the Baldwin County Planning and Zoning Commission with the advice of the County Engineer, or his/her designee, within the nonresidential subdivision.

(f) Every effort shall be made to protect adjacent residential areas from potential nuisances from nonresidential subdivisions, including the provision of extra depth in parcels backing up on existing or potential residential developments and provision for a permanently landscaped buffer strip when necessary.

(g) Nonresidential subdivisions shall adhere to *Section 5.11 Drainage Systems, Section 5.12 Stormwater Detention/Retention Management* and *Section 5.13 Erosion and Sedimentation*. The applicant may make drainage self-sufficiency a requirement of individual lots.

§ 5.15 Construction Requirements

Construction of all roads and bridges shall meet the following minimum requirements and conform to the current Alabama Department of Transportation's "Standard Specifications for Highway Construction". Best Management Practices for erosion control shall be used throughout construction and development. The developer shall be responsible for all erosion control in accordance with ADEM regulations and for securing any permits required by ADEM. **A Subdivision Permit is required from the County Engineer before the construction of any improvements can begin.**

(a) Pre-Construction Conference: It shall be the duty and responsibility of the developer or contractor to schedule and coordinate a Pre-Construction Conference with all involved parties prior to the beginning of construction. Once this conference has taken place and all requirements have been met, the County Engineer will issue the Subdivision Permit and construction may begin. All contractors must be properly licensed in the State of Alabama. A copy of the current Alabama General Contractor's License of the prime contractor shall be provided to Baldwin County Engineer or his/her designee at the Pre-Construction Conference.

(b) Notification of Work: It shall be the duty and responsibility of the developer or contractor to give written notice to the County Engineer or his/her designee, one working day prior to starting any phase of construction. The developer or contractor shall notify the County Engineer or his authorized agent in writing the day work is resumed after a delay of more than five (5) working days. This includes all phases of construction, clearing, grading, drainage, gutters, inlets, base, surfacing and any work that pertains to the street, road or development. After all BMPs have been installed and/or constructed, but before any other construction takes place, the contractor shall notify the County Engineer to inspect the required BMPs in accordance with Section 5.13.2(a) of these regulations. **FAILURE TO PROVIDE PROPER NOTIFICATION AS SPECIFIED SHALL BE GROUNDS FOR NON-ACCEPTANCE OF ROADWAYS BY THE BALDWIN COUNTY COMMISSION.**

(c) Testing: All testing shall be conducted using the services of a qualified geotechnical engineer preapproved by the County Engineer. The tests normally consist of, but are not limited to:

1. Soil Gradation;
2. Optimum Moisture Content tests on embankment, subgrade and base material;
3. Soil Compaction test on subgrade and base material;
4. In-place asphalt density analysis of road building materials;
5. 28 day compressive strength of concrete;
6. Hydro-static test of water and pressurized sewer system as required by utility provider;
7. Air test of gravity sewer line as required by utility provider.
8. For bridge testing, see Appendix 3.

The developer shall notify the County Engineer, or his/her designee, twenty-four hours prior to any required tests. Copies of all test reports are to be provided to the County Engineer before additional construction occurs. In the event problems exist that require remedial actions or design, the developer shall be required to submit revised engineering plans to the County Engineer before construction will be allowed to proceed.

(d) Clearing and Grubbing: All rights-of-way shall be cleared of all vegetation, trees (unless approved to remain), stumps, rocks and other objectionable or unsuitable material prior to grading or filling unless otherwise approved, in writing, by the County Engineer or his/her designee.

(e) Embankment Sections: The County Engineer will have the right to approve all borrow sources; however this does not relieve the developer from full responsibility for the quality of material used. Roadway fill or embankment of earth material shall be placed in uniform layers, full width, and not exceeding six inch thickness (loose measurement). Each layer shall be compacted so that a uniform specified density is obtained. Compaction tests shall be run at the frequency and location as directed by the County Engineer or his/her designee. Additional layers of fill shall not be added until directed by the County Engineer. For all density requirements refer to the current Alabama Department of Transportation "Standard Specifications for Highway Construction".

(f) Subgrade: Auger borings shall be done every 300 feet measured along the center line of roadway with a minimum of one auger per roadway. Hand auger will be acceptable. The subgrade shall be compacted and properly shaped prior to the placing of base material. Roadbed processing shall be performed in accordance with section 230 of the current ALDOT Standards Specifications for Highway Construction. The subgrade shall be full width and extend twelve (12) inches outside of base. The subgrade shall be proof rolled, under the supervision of the County Engineer or his/her designee, with a fully loaded (minimum 20 cy) tandem axle dump truck to check for soft or yielding areas. Any unsuitable material shall be removed and replaced with a suitable material compacted to required density.

(g) Base: Base course shall meet the requirements according to the current Alabama Department of Transportation "Standard Specifications for Highway Construction". Base course shall have a minimum thickness as required by the *Baldwin County Design Standards for New Road Construction* (attached as Appendix 4), and shall extend twelve (12) inches outside of curb sections or twenty four (24) inches from the edge of asphalt, whichever is greater. The density requirements for compaction shall be in accordance with the current Alabama Department of Transportation "Standard Specifications for Highway Construction". Developer/Engineer may submit an alternate base design method for approval by the County Engineer. Design shall be based on a proven and accepted engineering test or method for the site conditions that exist.

(h) Roadway Pavement: All roads and/or streets shall be paved and comply with the following:

1. All roads shall be improved according to the standards outlined in the *Baldwin County Design Standards for New Road Construction* (attached as Appendix 4).

Article 11 Conservation Developments

Section 11.1 Purpose and Intent

To provide a development option that permits flexibility of design in order to promote environmentally sensitive and efficient uses of the land; to preserve in perpetuity unique or sensitive natural resources such as groundwater, floodplains, wetlands, streams, steep slopes, woodlands, and wildlife habitat; to preserve important historic and archaeological sites; to permit clustering of houses and structures on less environmentally sensitive soils which will reduce the amount of infrastructure, including paved surfaces and utility easements, necessary for residential development; to reduce erosion and sedimentation by minimizing land disturbance and removal of vegetation in residential development through a reduced building footprint; to promote interconnected greenways and corridors throughout the community; to promote contiguous green space with adjacent jurisdictions; to encourage interaction in the community by clustering houses and orienting them closer to the street, providing public gathering places and encouraging use of parks and community facilities as focal points in the neighborhood; to encourage street designs which reduce traffic speeds and reliance on major arteries; to promote construction of convenient landscaped walking trails and bike paths both within the subdivision and connected to neighboring communities, businesses, and facilities to reduce reliance on automobiles; to conserve scenic views and reduce perceived density by maximizing the number of houses with direct access to and views of open space; to preserve prime agricultural and forest lands and reduce the economic pressures for converting such land to urbanized uses.

Section 11.2 Definitions

Words and phrases used in this article shall have the meanings as set forth in this section. Words and phrases not defined in this section but defined elsewhere in the zoning ordinances shall be given the meanings as set forth in such ordinances. All other words and phrases shall be given their common, ordinary meaning unless the context clearly requires otherwise.

Conservation Development: A development of land, occupying 10 contiguous acres or more, that is under unified control and is planned and developed as a whole in a single development operation or programmed series of development stages. The development may cover more than one parcel as long as all parcels are contiguous, but the entirety of each included parcel shall be included in the gross area of the development. The requirements for approval are similar to those for subdivisions of the same size according to the *Baldwin County Subdivision Regulations*, with the only differences being contained in this article. A Conservation Development requires a certain amount of permanently protected Open

Space and does not require minimum lot or yard sizes. A Conservation Development must be clearly indicated as such on its Preliminary and Final Plats.

Open Space: The portion of the Conservation Development that has been set aside for permanent protection. Activities within the Open Space are restricted in perpetuity through the use of an approved legal instrument.

Buildable Area: The approximate acreage in a Conservation Development available for development as calculated according to Section 11.5 of this article. This figure does not represent the true acreage available for development; it is instead used only as an input to other calculations, such as a calculation to determine the minimum acreage of Open Space.

Section 11.3 General Ordinances

11.3.1 *Applicability of Ordinances*. This Conservation Development option is available as a use by right in all residential zones (ER, R-1(a), R-1(b), R-2(a), R-2(b), R-3, R-4, and R-6) and in the Rural (RR) zone and the Rural Agriculture (RA) zone. The Applicant shall comply with all other provisions of the zoning code and with all other applicable laws, except those that are expressly addressed by and inconsistent with the provisions contained herein. A Conservation Development does not require amending or adjusting the Zoning Map.

11.3.2 *Unified Control*. The parcel or parcels of land for a Conservation Development shall be in unified control, and shall be owned or controlled by either a single person, corporation, agency, group of individuals, or like organizations. The Applicant shall provide the County appropriate and necessary documents to indicate ownership. No application shall be considered until this section is fully complied with. An application must be filed by the owner or authorized agent of all property included in the project. In the case of multiple ownership, the approved final development plan shall be binding on all owners and any successors. The developer shall maintain and provide for unified control of the Conservation Development until the project is complete. The entity designated to provide unified control shall ensure that all conditions of development are met. Individual properties may be sold after appropriate approvals and recordings have been completed and the proper recordings have been made which ensures the continuance of the Conservation Development as approved. Responsibility for unified control shall be assigned to a Homeowners Association that will provide for the maintenance of any common property and Open Space and for improvements.

11.3.3 *Development Area.* A Conservation Development shall have a minimum development area of 10 contiguous acres.

11.3.4 *Lot and Yard Size.* No minimum areas or widths are required by these ordinances for lots, and no minimum areas are required by these ordinances for yards.

11.3.5 *Building Setbacks.* The minimum side yard setback shall be a minimum of 3 feet for a single family designation. The front and rear setbacks shall be a minimum of 20 feet.

11.3.6 *Maximum Height.* The maximum height of structures shall be the same number of habitable stories allowed by the zoning district to a Planned Residential Development (PRD), with the exceptions mentioned elsewhere in these zoning ordinances.

11.3.7 *Permitted Uses.* For a Conservation Development, the following uses and structures may be permitted if allowed by the zoning district and specific zoning designation:

(a) Single family dwellings including manufactured housing and mobile homes.

(b) Two family dwellings.

(c) Multiple family dwellings including townhouses.

(d) Non-residential land uses in accordance with limitations and restrictions contained herein.

(e) Maintenance facilities and utility facilities.

(f) Accessory structures and uses.

11.3.8 *Commercial Land Uses.* Commercial land uses including institutional uses, office and professional service uses, local commercial uses, and general commercial uses may not occupy more than ten (10) percent of the gross acreage of the Conservation Development. The commercial land uses shall be centrally located. They shall be designed and operated to serve primarily the needs of the development and, to the extent feasible, shall be located in the interior of the development.

11.3.9 *Maximum Dwelling Units Determination.* The maximum number of dwelling units in the Conservation Development shall be determined by multiplying the gross acreage of the Conservation Development by the maximum density permitted in the zoning designation. For Conservation Developments under more than one zoning designation, the maximum number of dwelling units in the Conservation Development shall be determined by summing the results of, for each zoning designation, multiplying the gross acreage of the Conservation

Development in the zoning designation by the maximum density permitted in the zoning district. Where fractional numbers result for any of these calculations, the figure shall be rounded to the next lower number. Land reserved for commercial uses shall not be included in the gross acreage of the Conservation Development as used in this calculation. For mixed use buildings where the gross floor area used for commercial uses exceeds 10% of the total gross floor area, the entire footprint shall be considered as land reserved for commercial uses.

11.3.10 *Maximum Dwelling Units Bonuses.* The maximum number of dwelling units in the Conservation Development may be increased if Bonus Thresholds (as provided in Section 11.5) are exceeded, provided that the site is capable of accommodating the additional units without compromising the purpose of this ordinance, there is no adverse effect on public safety, the surrounding infrastructure can support the additional units, and adequate efforts were made to arrange the Open Space so that it links to greenways, trails, or other areas of Open Space on nearby parcels. If Bonus Threshold 1 is met, the determined maximum number of dwelling units may be increased by 5%. If Bonus Threshold 2 is met, the determined maximum number of dwelling units may be increased by 10%. These bonuses are not cumulative; rather, the permitted 10% increase for a Conservation Development that achieves Bonus Threshold 2 is measured from the maximum number of dwelling units as determined without applying any other dwelling units bonuses. Where fractional numbers result, the figure shall be rounded to the next lower number. The Applicant may meet with Zoning Administrator to determine whether the local infrastructure can handle the extra units, whether the infrastructure may require upgrading, whether the additional units comport with the purpose of this ordinance, and whether the additional units impact public safety.

11.3.11 *Flexible Standards*. The County encourages and will consider sensible methods to reduce impervious surfaces without compromising stormwater management or public safety. Any applicant requesting such a reduction and/or waiver of pertinent ordinances shall submit a statement of justification for the reduction and/or waiver along with the required site plan and shall obtain the written approval of the County Engineer or his/her designee. The Planning Commission may approve such methods if they:

(a) Improve site design.

(b) Protect the natural features of the site.

(c) Maintain harmony with neighboring uses.

(d) Promote the objectives and purpose of the master plan.

(e) Promote the intent and purpose of these ordinances.

11.3.12 *Conceptual Site Plan.* Where a rezoning is applied for and the Applicant wishes to subsequently develop the rezoned property as a Conservation Development, the Applicant may submit a Conceptual Site Plan in conjunction with the rezoning application for parcels greater than 1000 acres. This Conceptual Site Plan and the process for subsequently amending this Conceptual Site Plan shall follow the guidelines for a Large Scale Planned Residential Development Conceptual Site Plan as described in *Section 9.5 Submittals* and elsewhere in these zoning ordinances. It shall be clearly indicated on the Conceptual Site Plan that the described future subdivision is a Conservation Development. In addition, the Conceptual Site Plan shall show the planned location of protected Open Space and the portions of Open Space that are comprised of buildable area as calculated in Section 11.5 of this Article. It shall also describe the total acreage of buildable area in the Conservation Development and the total acreage of buildable area in the proposed protected Open Space, where "buildable area" is as calculated in Section 11.5 of this Article. Neither approval of this Conceptual Site Plan nor approval of the proposed rezoning shall be construed as ensuring the approval of future Preliminary or Final Plats.

Section 11.4 Application Requirements

11.4.1 *Site Analysis Features Required.* The Applicant must show the following features on the Conservation Development site plan submitted in accordance with requirements contained in Article IX, Section 9.5.5.5.1. In addition, the Applicant must show the following features on a site analysis map to be submitted concurrent with the submission of Conservation Development Site Plan:

(a) All streams, rivers, lakes, and other hydrologic features.

(b) General vegetation characteristics.

(c) General soil types as determined from the latest soil survey by the Natural Resources Conservation Service of the United States Department of Agriculture.

(d) The planned location of protected Open Space, and the portions of Open Space that are comprised of buildable area as calculated in Section 11.5 of this Article.

(e) The total acreage of buildable area in the Conservation Development and the total acreage of buildable area in the protected Open Space, where "buildable area" is as calculated in Section 11.5 of this Article.

(f) All Primary and Secondary Conservation Areas labeled by type, as described in Section 11.5 of this Article.

(g) Potential connections with existing green space and trails.

(h) Location and total area of proposed impervious surfaces.

Should the Applicant choose to submit a separate site analysis map, it must include the following features as on a Conservation Development Site Plan: exact property boundaries, topographic contours, delineated wetlands, special flood hazard areas and/or coastal high hazard areas, existing roads, and existing structures.

11.4.2 *Open Space Management Plan Required.* An open space management plan, as described in Section 11.5, shall be prepared and submitted with the Conservation Development Site Plan.

11.4.3 *Instrument of Permanent Protection Required.* A conservation easement, as described in Section 11.5, shall be placed on the Open Space no later than the recording of the Final Plat. County Staff shall review and approve the conservation easement to ensure that it meets the minimum guidelines set forth in these ordinances. The conservation easement and the Final Plat shall be filed simultaneously and shall make reference to each other. Each shall not be complete without the other.

11.4.4 *Zoning Administrator Approval.* The Zoning Administrator holds the right to permit or deny the proposed development according to the purposes set forth in this section.

11.4.5 *Other Requirements.* The Applicant shall adhere to all other zoning and subdivision ordinances. A subdivision plat shall be approved in accordance with the procedures established in the *Baldwin County Subdivision Regulations*. It shall be clearly indicated on the Preliminary and Final Plats that the proposed subdivision is a Conservation Development. The Applicant may submit a list of commitments, and approval may be based on the fulfillment of these conditions. Should these commitments not be upheld, the plat shall not be considered as having been approved.

Section 11.5 Open Space

11.5.1 *Standards to Determine Open Space and Buildable Area.*

(a) Buildable area is defined as the gross area of the conservation development minus the Open Space. The minimum restricted Open Space shall comprise all of the Primary Conservation Areas, as defined below. In addition, the minimum restricted Open Space shall

include buildable areas totaling not less than 20% of the total buildable area of the Conservation Development, with emphasis given to Secondary Conservation Areas, as defined below. In making this and other determinations, the buildable area shall include the entire gross area of the Conservation Development except the following:

1. Primary Conservation Areas, as defined below, unless the Applicant has demonstrated that including a particular area would constitute an unusual hardship and be counter to the purposes of this article.

2. Natural bodies of open water including free-flowing streams over 5,000 square feet of contiguous area excluding man-made stormwater detention ponds, impoundments, and amenity lakes.

3. Areas where development would otherwise be prohibited by law, regulation, or
local ordinance, except where variances or permits have been obtained.

(b) The following are considered Primary Conservation Areas and are required to be included within the Open Space, unless the Applicant demonstrates that this provision would constitute an unusual hardship and be counter to the purposes of this article:

1. Riparian zones of at least 75 foot width on each side from the centerline of every perennial and intermittent stream shown on the United States Geological Survey (USGS) quadrangle topographic maps.

2. Slopes above 25% of at least 5000 square feet contiguous area.

3. Wetlands determined to be jurisdictional by the U.S. Army Corps of Engineers pursuant to Section 404 of the Clean Water Act except for minor road crossings necessary for access to other upland buildable areas.

4. Land seaward of the coastal construction zone limit, except where a variance has been obtained from the appropriate state and County authorities.

5. Total area of jurisdictional wetlands filled within 5 years prior to the submittal of the application on the parcel or parcels.

(c) The following are considered Secondary Conservation Areas and should be included within the Open Space to the maximum extent feasible:

1. Non-jurisdictional wetlands that meet the definition of a wetland given in the 1987 U.S. Army Corps of Engineers Wetlands Delineation Manual.

2. Existing healthy, native forests (e.g. longleaf pine) of at least one acre contiguous area.

3. The 100-year floodplain.

4. Important historic sites, archaeological sites, cemeteries, and burial grounds.

5. Other significant natural features such as individual healthy trees of significant size and scenic viewsheds such as ridge lines, peaks, and rock outcroppings, particularly those that can be seen from public roads.

6. Prime agricultural lands of at least five acres contiguous area.

7. Existing trails that connect the Conservation Development to neighboring areas.

8. Populations of endangered or threatened species, or habitat for such species.

9. Beach access in coastal areas.

(d) Above-ground utility rights-of-way, small areas of impervious surface, and areas within 10 feet of a road surface or building may be included within the protected Open Space but cannot be counted towards the 20% minimum buildable area requirement (exception: historic structures and existing trails may be counted). Large areas of impervious surface such as roads and parking lots shall be excluded from the Open Space, except as specifically authorized in other sections.

(e) At least 60% of the total required Open Space, which includes any Open Space required to attain Bonus Thresholds, shall be in a contiguous area. Where feasible, the Open Space shall adjoin any neighboring areas of Open Space in other parcels, any other protected areas, and any non-protected natural areas that would be candidates for inclusion as part of a future area of protected Open Space. Two

sections of Open Space on either side of a roadway are considered to be contiguous, provided that each of the two sections of Open Space comprises at least 15% of the total Open Space.

(f) The Open Space shall be directly accessible to the largest practicable number of lots within the development. Non-adjoining lots shall be provided with safe, convenient access to the Open Space.

(g) Conservation Developments may meet certain Bonus Thresholds by protecting additional Open Space. This Open Space is subject to the same rules and conditions as described elsewhere in these ordinances. The buildable area of the Conservation Development shall be as calculated above. And, as above, all Primary Conservation Areas shall be included in the Open Space. The Bonus Thresholds are as follows:

1. *Bonus Threshold 1.* The minimum restricted Open Space shall include buildable area totaling not less than 35% of the total buildable area of the Conservation Development.

2. *Bonus Threshold 2.* The minimum restricted Open Space shall include buildable area totaling not less than 50% of the total buildable area of the Conservation Development.

11.5.2 *Permitted Uses.*

(a) At the discretion of the Applicant, uses of Open Space may include the following:

1. Conservation of natural, archaeological or historical resources.

2. Meadows, woodlands, wetlands, wildlife corridors, game preserves, or similar conservation-oriented areas.

3. Walking or bicycle trails, provided they are constructed of porous paving materials.

4. Passive recreation areas, such as open fields.

5. Active recreation areas, provided that they are limited to no more than 10% of the buildable Open Space and are not located within Primary Conservation Areas. Active recreation areas may include impervious surfaces. Active recreation areas in excess of this limit must be located outside of the protected Open Space.

6. Agriculture, horticulture, silviculture, or pasture uses, provided that all applicable best management practices are used to minimize environmental impacts, provided such activities are not conducted within Primary Conservation Areas (except where minimal management practices are necessary for the maintenance of a healthy, viable forest or wetland), and provided such uses do not involve the clearing of forests, the filling of wetlands, or the conversion of forests to monocultures or plantations.

7. Subsurface wastewater disposal/reuse systems located on soils particularly suited to such uses and in compliance with Alabama Department of Environmental Management (ADEM) Underground Injection Control (UIC) permitted activities or Chapter 420-3-1 "Onsite Sewage Disposal and Subdivision-Onsite Sewage Systems, Water Supplies and Solid Waste Management" of the *Rules of the State Board of Health Bureau of Environmental Services*. Such facilities shall be located outside of Primary Conservation Areas. They should be naturally attractive and designed to function as native habitats, supporting native flora and fauna. The allowed systems do not include potable water or above-ground sewage treatment plants.

8. Easements for drainage, access, and underground utility lines.

9. Sidewalks.

10. Other conservation-oriented uses compatible with the purposes of this ordinance.

(b) Whether or not to allow public access to the protected Open Space is at the discretion of the Applicant.

11.5.3 *Prohibited Uses*.

(a) The uses of Open Space shall not include the following:

1. Golf courses.

2. Roads, parking lots, and impervious surfaces, except as specifically authorized in the previous sections.

3. Agriculture, horticulture, silviculture, or pasture uses that do not use all applicable best management practices to minimize environmental impacts, that are conducted within Primary Conservation Areas (except where minimal management practices

are necessary for the maintenance of a healthy, viable forest or wetland), or that involve the clearing of forests, the filling of wetlands, or the conversion of forests to monocultures or plantations.

4. Impoundments.

5. Man-made lakes.

6. Commercial uses not specifically authorized in the previous section.

7. Mining uses.

8. Potable water or above-ground sewage treatment plants.

9. Stormwater management facilities and wastewater disposal systems not specifically authorized in the previous section.

10. Other activities as determined by the Applicant and recorded on the legal instrument providing for permanent protection.

(b) These prohibited uses shall be clearly indicated in the legal instrument providing for permanent protection.

11.5.4 *Ownership and Management.*

(a) Ownership of Open Space. A Homeowners Association representing residents of the Conservation Development shall own the Open Space. Membership in the Homeowners Association shall be mandatory and automatic for all homeowners of the development and their successors. The Homeowners Association shall have lien authority to ensure the collection of dues from all members. The responsibility for maintaining the Open Space and any facilities located thereon shall be borne by the Homeowners Association.

(b) Management Plan. The Applicant shall submit a Plan for the Management of Open Space and Common Facilities ("Plan") that:

1. Provides guidelines for the maintenance and operation of the Open Space and any facilities located thereon, including provisions for ongoing maintenance and for long-term capital improvements.

2. Estimates the costs and staffing requirements needed for maintenance and operation of, and insurance for, the Open Space

and outlines the means by which such funding will be obtained or provided.

3. Provides that any changes to the Plan be approved by the Planning Commission.

4. Provides for enforcement of the Plan.

(c) In the event the party or parties responsible for maintenance of the Open Space fail to maintain all or any portion in accordance with the submitted management plan, Baldwin County may enter the premises and take corrective action or cause corrective action to be taken, including the provision of extended maintenance. The costs of such action and/or maintenance shall be chargeable to the said responsible party or parties, and/or to the Homeowners Association, and/or to the individual property owners that make up the Homeowners Association, and may include administrative costs and penalties. Such costs shall become a lien on all development properties.

11.5.5 *Legal Instrument for Permanent Protection.*

(a) The Open Space shall be protected in perpetuity by a binding legal instrument that is recorded with the deed. The instrument shall be a permanent conservation easement in favor of:

1. A land trust or similar conservation-oriented non-profit organization with legal authority to accept such easements. The organization shall be bona fide and in perpetual existence and the conveyance instruments shall contain an appropriate provision for retransfer in the event the organization becomes unable to carry out its functions.

2. The Baldwin County Commission.

(b) The holders of the conservation easement shall produce a baseline documentation report to establish the condition of the property at the time the easement is transferred and to provide a basis for future monitoring and enforcement. The holders of the conservation easement shall also monitor and enforce the easement and defend it from challenges. The easement holders may request funds from the Applicant to cover or defray these costs, and the Applicant shall pay the requested funds. Such funds must be dedicated to these easement activities. The amount of funding shall be determined by the Applicant and the easement holders no later than the time of transferal.

(c) The instrument for permanent protection shall include clear restrictions on the use of the Open Space. These restrictions shall

include all restrictions contained in this article, as well as any further restrictions the Applicant chooses to place on the use of the Open Space.

(d) For an area to be counted towards the Open Space requirement, the legal instrument for permanent protection shall not have been established more than 6 months prior to the submission of the first Preliminary Plat (or, if none is required, the first Final Plat) that clearly indicates that the proposed subdivision is to be a Conservation Development.

(e) The County may, in its discretion, require a form conservation easement, and, in that event, the Applicant shall grant such easement as provided, except only that the Applicant may add such use restrictions as the Applicant desires. The County may, however, accept any easement from an Applicant which, in the County's sole discretion, substantially complies with these ordinances.

11.5.6 *Tax Assessment.* Once a legal instrument for permanent protection has been placed upon the Open Space, the Homeowners Association may request that the Baldwin County Revenue Commission reassess the Open Space to reflect its more limited use.

Section 10.3 Historic Resource Overlay District

10.3.1 *Purpose.* The purpose of the historic resource overlay district is to ensure enforcement of the rules and ordinances adopted pursuant to Act No. 80-497 as amended by Act No. 89-960 of the Legislature of Alabama which authorizes Baldwin County to protect the historical architectural character of the County.

As an overlay district, the historic resource district does not replace the requirements of the underlying zoning district, but provides additional development requirements and standards which must be met by any development on the property.

10.3.2 *Area of application.* The historic resource overlay district applies to lands under the planning and zoning jurisdiction of Baldwin County which are designated as historic districts or preservation districts by the County Commission under the authority of Act No. 80-497 as amended by Act No 89-960. Historic districts or preservation districts designated by the County Commission are:

(a) Magnolia Springs Preservation District

(b) Montrose Preservation District

(c) Battle's Wharf / Point Clear Preservation District

10.3.3 *Requirements.* Areas which lie in historic districts or preservation districts as designated by the County Commission are subject to the requirements of the Architectural & Preservation District Review Board of Baldwin County and any and all rules and ordinances adopted pursuant to Act No. 80-497 as amended by Act No. 89-960 of the Legislature of Alabama (refer to *Standards for Architectural Review and Development in Baldwin County Historic Districts*).

Section 10.4 Wetland Protection Overlay District

10.4.1 *Purpose.* The wetlands within Baldwin County, Alabama are indispensable and fragile natural resources with significant development constraints due to flooding, erosion and soils limitations. In their natural state, wetlands serve man and nature. They provide habitat areas for fish, wildlife and vegetation; water quality maintenance and pollution control; flood control; erosion control; natural resource education; scientific study; and open space and recreational opportunities. In addition wise use of forested wetlands is essential to the economic well-being of Baldwin County. A considerable number of these important natural resources have been lost or impaired by draining, dredging, filling, excavating, building, pollution and other acts. Piecemeal or cumulative losses will, over time, destroy additional wetlands. Damaging or destroying wetlands threatens public safety and the general welfare. It is therefore

necessary for Baldwin County to ensure maximum protection for wetlands by discouraging development activities that may adversely affect wetlands.

The purpose of the wetland protection overlay district is to promote wetland protection, while taking into account varying ecological, economic development, recreational and aesthetic values and to protect wetlands from alterations that will significantly affect or reduce their primary functions for water quality, floodplain and erosion control, groundwater recharge and wildlife habitat.

10.4.2 *Area of application.* The wetland protection overlay district applies to wetlands under the planning and zoning jurisdiction of Baldwin County. The Generalized Wetland Map adopted as part of these zoning ordinances shows the general location of wetlands and should be consulted by persons contemplating activities in or near wetlands. The Generalized Wetland Map, together with all explanatory matter thereon and attached thereto, is hereby adopted by reference and declared to be a part of these zoning ordinances. The Generalized Wetland Map shall be kept on file in the offices of the Planning & Zoning Department.

10.4.3 *Wetland protection district boundaries*. The Generalized Wetland Map is a general reference document and wetland boundaries indicated on the map are approximations. The Generalized Wetland Map is to alert developers/landowners if they are within proximity to a wetland, which means that there is a high likelihood of the presence of a jurisdictional wetland and a need for the developer/landowner to seek U.S. Army Corps of Engineers guidance as to whether a Section 404 permit will be required prior to any activity. The Generalized Wetland Map does not represent the boundaries of jurisdictional wetlands within the jurisdiction of Baldwin County and cannot serve as a substitute for a delineation of wetland boundaries by the U.S. Army Corps of Engineers, as required by Section 404 of the Clean Water Act, as amended. Any local government action under this section does not relieve the land owner from federal or state permitting requirements.

10.4.4 *Permit requirements*. A U.S. Army Corps of Engineers wetlands jurisdictional determination if the proposed planned development contains wetlands or if the Zoning Administrator or his/her designee determines potential wetlands from the Generalized Wetland map as defined herein, or through a site visit by County Staff. The setback for development from a wetland must be a minimum of 30 feet.

If the area proposed for development is located in or within the wetland protection district boundary, as determined from the Generalized Wetland Map, a U.S. Army Corps of Engineers jurisdictional determination shall be required prior to the issuance of a Land Use Certificate. If the Corps determines that wetlands are present on the proposed development site and that a Section 404 Permit or Letter of Permission is required, a Land Use Certificate will be issued only following issuance of the Section 404 Permit or Letter of Permission. Any

application for subdivision approval on property which contains wetlands or if the Zoning Administrator or his/her designee determines potential wetlands from the Generalized Wetland map defined herein through a site visit by County Staff, will have to obtain a U.S. Army Corps of Engineers wetlands jurisdictional determination. If the Corps determines that wetlands are present and that a Section 404 Permit or Letter of Permission is required, development may not proceed until the Section 404 Permit or Letter of Permission is issued.

10.4.5 *Subdivisions in the Wetland Protection Overlay District.* Where a parcel of land proposed to be subdivided contains an area of wetlands delineated as jurisdictional by the Army Corps of Engineers, said wetlands shall be subject to Section 404(b)(1) guidelines concerning fill material disposal into wetlands. Lots may be platted where sufficient upland areas exist to provide a building site for the principal structure and necessary ancillary facilities. Fill may be used where necessary to provide access to lots where approval for such fill has been received from the Army Corps of Engineers and other appropriate governmental agencies.

Wetlands delineated as jurisdictional by the Army Corps of Engineers and not permitted for fill shall be set aside as common area or shall be contained within an easement dedicated to protect the wetland. Said common area or maintenance easement shall extend a minimum of 30-feet beyond the limits of the wetland. Maintenance responsibility shall be vested in the trustees of the subdivision, by virtue of the trust indenture.

Section 10.5 Gulf Beach Overlay District

10.5.1 *Purpose*. The Gulf Beach Overlay District is implemented to protect the natural environment, to encourage open space development design and to protect the public health, safety and welfare of the public. This overlay district shall only apply in Planning District 25 in the area herein defined in *Section 10.5.2*.

10.5.2 *Established boundaries*. The Gulf Beach Overlay District boundaries shall be as depicted on the Planning District 25 Official Zoning Map. Changes to said boundary shall constitute a zoning map amendment.

10.5.3 *Applicability.* The Gulf Beach Overlay District relaxation of maximum building heights shall be applicable only to Planned Residential Developments (PRD) lawfully approved before May 4, 2004.

10.5.4 *Development standards*.

(a) *Building height*. Building heights may lawfully exceed the maximum building height contained in applicable sections of the Zoning Ordinances.

Appendix F

Pollution Prevention / Good Housekeeping

Highway Construction Section MS4 Summary

- Education/Outreach – Various examples
- Adopt a Mile – Only one @ 1 mile long approved this period, but it is not in the MS4 and has only been included as an example.
- Subdivisions Permitted w/Construction Review – 0
- Commercial Turnout Permits – 4
- License Agreements – 5
- Bridge Inspections – 5

MS4 Bridge Inspections 4/1/2020-3/31/2021

Date	Road Name	Bridge Name	Brdg Id	BIN
7/24/2020	BRIDGES DR N	Bridges Dr N - Coney Branch	235	021446
10/30/2020	WILLOWBRIDGE DR	Br. off Point Clear Cr.	161	019841
12/20/2020	MAIN ST	Main St - Red Gulley	143	015224
1/28/2021	BELFOREST CEMETERY RD	Belforest Cemetery Coney Branch	151	019036
3/31/2021	COUNTY RD 64	County Rd 64 - Corn Branch	047	015457

Record Id	Date	Activity Id	Activity Desc	Road Id	Road Section	Road Name	Road District	Comm District	User Defined 4	Project Desc
499559	4/15/2020	420	Asphalt Patching	202232		WINDMILL RD	200	2	MS4	Annual Paved Road Maintenance
499561	4/15/2020	420	Asphalt Patching	202232		WINDMILL RD	200	2	MS4	Annual Paved Road Maintenance
499562	4/15/2020	420	Asphalt Patching	202232		WINDMILL RD	200	2	MS4	Annual Paved Road Maintenance
499563	4/15/2020	420	Asphalt Patching	202232		WINDMILL RD	200	2	MS4	Annual Paved Road Maintenance
499564	4/15/2020	420	Asphalt Patching	202232		WINDMILL RD	200	2	MS4	Annual Paved Road Maintenance
503685	5/5/2020	420	Asphalt Patching	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
503686	5/5/2020	420	Asphalt Patching	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
503687	5/5/2020	420	Asphalt Patching	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
503688	5/5/2020	420	Asphalt Patching	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
503689	5/5/2020	420	Asphalt Patching	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
503690	5/5/2020	420	Asphalt Patching	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
503691	5/5/2020	420	Asphalt Patching	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
503766	5/6/2020	420	Asphalt Patching	200009	2	2ND ST	200	2	MS4	Annual Paved Road Maintenance
503767	5/6/2020	420	Asphalt Patching	200009	2	2ND ST	200	2	MS4	Annual Paved Road Maintenance
503768	5/6/2020	420	Asphalt Patching	200009	2	2ND ST	200	2	MS4	Annual Paved Road Maintenance
503937	5/7/2020	420	Asphalt Patching	101139		WILSON RD	100	2	MS4	Annual Paved Road Maintenance
503938	5/7/2020	420	Asphalt Patching	101139		WILSON RD	100	2	MS4	Annual Paved Road Maintenance
503939	5/7/2020	420	Asphalt Patching	101139		WILSON RD	100	2	MS4	Annual Paved Road Maintenance
503940	5/7/2020	420	Asphalt Patching	101139		WILSON RD	100	2	MS4	Annual Paved Road Maintenance
503941	5/7/2020	420	Asphalt Patching	101139		WILSON RD	100	2	MS4	Annual Paved Road Maintenance
503942	5/7/2020	420	Asphalt Patching	101139		WILSON RD	100	2	MS4	Annual Paved Road Maintenance
505628	5/7/2020	420	Asphalt Patching	101139		WILSON RD	100	2	MS4	Annual Paved Road Maintenance
504927	5/11/2020	420	Asphalt Patching	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
504928	5/11/2020	420	Asphalt Patching	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
504929	5/11/2020	420	Asphalt Patching	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
504930	5/11/2020	420	Asphalt Patching	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
505278	5/12/2020	420	Asphalt Patching	202217		WILLOWBRIDGE DR	200	2	MS4	Annual Paved Road Maintenance
505280	5/12/2020	420	Asphalt Patching	202217		WILLOWBRIDGE DR	200	2	MS4	Annual Paved Road Maintenance
505281	5/12/2020	420	Asphalt Patching	202217		WILLOWBRIDGE DR	200	2	MS4	Annual Paved Road Maintenance
505283	5/12/2020	420	Asphalt Patching	202217		WILLOWBRIDGE DR	200	2	MS4	Annual Paved Road Maintenance
505284	5/12/2020	420	Asphalt Patching	202217		WILLOWBRIDGE DR	200	2	MS4	Annual Paved Road Maintenance
505610	5/13/2020	420	Asphalt Patching	200167		BELFOREST CEMETERY RD	200	2	MS4	Annual Paved Road Maintenance
506265	5/18/2020	420	Asphalt Patching	201440	1	NEWMAN RD	200	2	MS4	Annual Paved Road Maintenance
506266	5/18/2020	420	Asphalt Patching	201440	1	NEWMAN RD	200	2	MS4	Annual Paved Road Maintenance
506267	5/18/2020	420	Asphalt Patching	201440	1	NEWMAN RD	200	2	MS4	Annual Paved Road Maintenance
507128	5/21/2020	420	Asphalt Patching	100167		BUGLE RETREAT	100	2	MS4	Annual Paved Road Maintenance
507161	5/21/2020	420	Asphalt Patching	100167		BUGLE RETREAT	100	2	MS4	Annual Paved Road Maintenance
507163	5/21/2020	420	Asphalt Patching	100167		BUGLE RETREAT	100	2	MS4	Annual Paved Road Maintenance
507166	5/21/2020	420	Asphalt Patching	100167		BUGLE RETREAT	100	2	MS4	Annual Paved Road Maintenance
507169	5/21/2020	420	Asphalt Patching	100167		BUGLE RETREAT	100	2	MS4	Annual Paved Road Maintenance
509443	6/2/2020	420	Asphalt Patching	201440	1	NEWMAN RD	200	2	MS4	Annual Paved Road Maintenance
509444	6/2/2020	420	Asphalt Patching	201440	1	NEWMAN RD	200	2	MS4	Annual Paved Road Maintenance
509445	6/2/2020	420	Asphalt Patching	201440	1	NEWMAN RD	200	2	MS4	Annual Paved Road Maintenance
509446	6/2/2020	420	Asphalt Patching	201440	1	NEWMAN RD	200	2	MS4	Annual Paved Road Maintenance
509447	6/2/2020	420	Asphalt Patching	201440	1	NEWMAN RD	200	2	MS4	Annual Paved Road Maintenance
511797	6/15/2020	420	Asphalt Patching	202542		RAMANO DR	200	2	MS4	Annual Paved Road Maintenance
511802	6/15/2020	420	Asphalt Patching	202542		RAMANO DR	200	2	MS4	Annual Paved Road Maintenance
511805	6/15/2020	420	Asphalt Patching	200342		CEDAR LN	200	2	MS4	Annual Paved Road Maintenance
511806	6/15/2020	420	Asphalt Patching	200342		CEDAR LN	200	2	MS4	Annual Paved Road Maintenance
512127	6/16/2020	420	Asphalt Patching	200342		CEDAR LN	200	2	MS4	Annual Paved Road Maintenance
512128	6/16/2020	420	Asphalt Patching	200342		CEDAR LN	200	2	MS4	Annual Paved Road Maintenance
512129	6/16/2020	420	Asphalt Patching	200342		CEDAR LN	200	2	MS4	Annual Paved Road Maintenance
512130	6/16/2020	420	Asphalt Patching	200342		CEDAR LN	200	2	MS4	Annual Paved Road Maintenance
512131	6/16/2020	420	Asphalt Patching	200342		CEDAR LN	200	2	MS4	Annual Paved Road Maintenance
512132	6/16/2020	420	Asphalt Patching	200342		CEDAR LN	200	2	MS4	Annual Paved Road Maintenance
512469	6/17/2020	420	Asphalt Patching	101383		BALIN DR	100	2	MS4	Annual Paved Road Maintenance
512470	6/17/2020	420	Asphalt Patching	101383		BALIN DR	100	2	MS4	Annual Paved Road Maintenance
512471	6/17/2020	420	Asphalt Patching	101383		BALIN DR	100	2	MS4	Annual Paved Road Maintenance
512472	6/17/2020	420	Asphalt Patching	101383		BALIN DR	100	2	MS4	Annual Paved Road Maintenance
512474	6/17/2020	420	Asphalt Patching	101383		BALIN DR	100	2	MS4	Annual Paved Road Maintenance
512475	6/17/2020	420	Asphalt Patching	101383		BALIN DR	100	2	MS4	Annual Paved Road Maintenance
512476	6/17/2020	420	Asphalt Patching	101383		BALIN DR	100	2	MS4	Annual Paved Road Maintenance
512678	6/18/2020	420	Asphalt Patching	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance

Record Id	Date	Activity Id	Activity Desc	Road Id	Road Section	Road Name	Road District	Comm District	User Defined 4	Project Desc
512679	6/18/2020	420	Asphalt Patching	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
512680	6/18/2020	420	Asphalt Patching	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
512683	6/18/2020	420	Asphalt Patching	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
512684	6/18/2020	420	Asphalt Patching	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
512695	6/18/2020	420	Asphalt Patching	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
512697	6/18/2020	420	Asphalt Patching	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
512700	6/18/2020	420	Asphalt Patching	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
515253	6/18/2020	420	Asphalt Patching	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
514067	6/24/2020	420	Asphalt Patching	200486	2	COUNTY RD 64	200	3	MS4	Annual Paved Road Maintenance
514071	6/24/2020	420	Asphalt Patching	200486	2	COUNTY RD 64	200	3	MS4	Annual Paved Road Maintenance
514072	6/24/2020	420	Asphalt Patching	200167		BELFOREST CEMETERY RD	200	2	MS4	Annual Paved Road Maintenance
514073	6/24/2020	420	Asphalt Patching	200167		BELFOREST CEMETERY RD	200	2	MS4	Annual Paved Road Maintenance
516547	7/8/2020	420	Asphalt Patching	200143		BAY SHORE DR	200	2	MS4	Annual Paved Road Maintenance
516548	7/8/2020	420	Asphalt Patching	200143		BAY SHORE DR	200	2	MS4	Annual Paved Road Maintenance
516549	7/8/2020	420	Asphalt Patching	200143		BAY SHORE DR	200	2	MS4	Annual Paved Road Maintenance
516550	7/8/2020	420	Asphalt Patching	200143		BAY SHORE DR	200	2	MS4	Annual Paved Road Maintenance
516551	7/8/2020	420	Asphalt Patching	200143		BAY SHORE DR	200	2	MS4	Annual Paved Road Maintenance
517352	7/13/2020	420	Asphalt Patching	101312		STILLWATER BLVD	100	1	MS4	Annual Paved Road Maintenance
517353	7/13/2020	420	Asphalt Patching	101312		STILLWATER BLVD	100	1	MS4	Annual Paved Road Maintenance
517354	7/13/2020	420	Asphalt Patching	101312		STILLWATER BLVD	100	1	MS4	Annual Paved Road Maintenance
518468	7/17/2020	420	Asphalt Patching	200167		BELFOREST CEMETERY RD	200	2	MS4	Annual Paved Road Maintenance
519371	7/22/2020	420	Asphalt Patching	200167		BELFOREST CEMETERY RD	200	2	MS4	Annual Paved Road Maintenance
519376	7/22/2020	420	Asphalt Patching	200167		BELFOREST CEMETERY RD	200	2	MS4	Annual Paved Road Maintenance
519385	7/22/2020	420	Asphalt Patching	200167		BELFOREST CEMETERY RD	200	2	MS4	Annual Paved Road Maintenance
519390	7/22/2020	420	Asphalt Patching	200167		BELFOREST CEMETERY RD	200	2	MS4	Annual Paved Road Maintenance
519391	7/22/2020	420	Asphalt Patching	200167		BELFOREST CEMETERY RD	200	2	MS4	Annual Paved Road Maintenance
520019	7/27/2020	420	Asphalt Patching	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
520074	7/27/2020	420	Asphalt Patching	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
520075	7/27/2020	420	Asphalt Patching	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
520964	7/30/2020	420	Asphalt Patching	100121		BOARDWALK DR	100	1	MS4	Annual Paved Road Maintenance
520994	7/30/2020	420	Asphalt Patching	202304		N WINDING BROOK DR	200	2	MS4	Annual Paved Road Maintenance
520995	7/30/2020	420	Asphalt Patching	202304		N WINDING BROOK DR	200	2	MS4	Annual Paved Road Maintenance
520997	7/30/2020	420	Asphalt Patching	202304		N WINDING BROOK DR	200	2	MS4	Annual Paved Road Maintenance
520998	7/30/2020	420	Asphalt Patching	202304		N WINDING BROOK DR	200	2	MS4	Annual Paved Road Maintenance
520999	7/30/2020	420	Asphalt Patching	202304		N WINDING BROOK DR	200	2	MS4	Annual Paved Road Maintenance
522169	8/4/2020	420	Asphalt Patching	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
522170	8/4/2020	420	Asphalt Patching	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
522171	8/4/2020	420	Asphalt Patching	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
522172	8/4/2020	420	Asphalt Patching	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
522173	8/4/2020	420	Asphalt Patching	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
522174	8/4/2020	420	Asphalt Patching	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
522175	8/4/2020	420	Asphalt Patching	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
522585	8/5/2020	420	Asphalt Patching	100121		BOARDWALK DR	100	1	MS4	Annual Paved Road Maintenance
522586	8/5/2020	420	Asphalt Patching	100121		BOARDWALK DR	100	1	MS4	Annual Paved Road Maintenance
523149	8/10/2020	420	Asphalt Patching	202288		TWIN BEECH RD	200	2	MS4	Annual Paved Road Maintenance
523151	8/10/2020	420	Asphalt Patching	202288		TWIN BEECH RD	200	2	MS4	Annual Paved Road Maintenance
523153	8/10/2020	420	Asphalt Patching	202288		TWIN BEECH RD	200	2	MS4	Annual Paved Road Maintenance
523154	8/10/2020	420	Asphalt Patching	202288		TWIN BEECH RD	200	2	MS4	Annual Paved Road Maintenance
523155	8/10/2020	420	Asphalt Patching	202288		TWIN BEECH RD	200	2	MS4	Annual Paved Road Maintenance
523156	8/10/2020	420	Asphalt Patching	202288		TWIN BEECH RD	200	2	MS4	Annual Paved Road Maintenance
523353	8/11/2020	420	Asphalt Patching	100174		BUZBEE RD	100	2	MS4	Annual Paved Road Maintenance
523356	8/11/2020	420	Asphalt Patching	100174		BUZBEE RD	100	2	MS4	Annual Paved Road Maintenance
523372	8/11/2020	420	Asphalt Patching	100988		STAGECOACH RD	100	2	MS4	Annual Paved Road Maintenance
523373	8/11/2020	420	Asphalt Patching	100988		STAGECOACH RD	100	2	MS4	Annual Paved Road Maintenance
523877	8/11/2020	420	Asphalt Patching	100174		BUZBEE RD	100	2	MS4	Annual Paved Road Maintenance
524862	8/17/2020	420	Asphalt Patching	201729		RAVENWOOD CIR	200	2	MS4	Annual Paved Road Maintenance
524863	8/17/2020	420	Asphalt Patching	201729		RAVENWOOD CIR	200	2	MS4	Annual Paved Road Maintenance
524864	8/17/2020	420	Asphalt Patching	201729		RAVENWOOD CIR	200	2	MS4	Annual Paved Road Maintenance
524866	8/17/2020	420	Asphalt Patching	206398		ROANOKE LOOP	200	2	MS4	Annual Paved Road Maintenance
524876	8/17/2020	420	Asphalt Patching	206398		ROANOKE LOOP	200	2	MS4	Annual Paved Road Maintenance
524877	8/17/2020	420	Asphalt Patching	206398		ROANOKE LOOP	200	2	MS4	Annual Paved Road Maintenance
524879	8/17/2020	420	Asphalt Patching	200138		BAY BRANCH DR	200	2	MS4	Annual Paved Road Maintenance
524880	8/17/2020	420	Asphalt Patching	200138		BAY BRANCH DR	200	2	MS4	Annual Paved Road Maintenance

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524881	8/17/2020	420	Asphalt Patching	200138		BAY BRANCH DR	200	2	MS4	Annual Paved Road Maintenance
525120	8/18/2020	420	Asphalt Patching	200461		SECTION ST	200	2	MS4	Annual Paved Road Maintenance
525467	8/19/2020	420	Asphalt Patching	201729		RAVENWOOD CIR	200	2	MS4	Annual Paved Road Maintenance
525469	8/19/2020	420	Asphalt Patching	201729		RAVENWOOD CIR	200	2	MS4	Annual Paved Road Maintenance
525470	8/19/2020	420	Asphalt Patching	201729		RAVENWOOD CIR	200	2	MS4	Annual Paved Road Maintenance
525471	8/19/2020	420	Asphalt Patching	201729		RAVENWOOD CIR	200	2	MS4	Annual Paved Road Maintenance
525472	8/19/2020	420	Asphalt Patching	201729		RAVENWOOD CIR	200	2	MS4	Annual Paved Road Maintenance
525475	8/19/2020	420	Asphalt Patching	206398		ROANOKE LOOP	200	2	MS4	Annual Paved Road Maintenance
525477	8/19/2020	420	Asphalt Patching	206398		ROANOKE LOOP	200	2	MS4	Annual Paved Road Maintenance
525478	8/19/2020	420	Asphalt Patching	206398		ROANOKE LOOP	200	2	MS4	Annual Paved Road Maintenance
525479	8/19/2020	420	Asphalt Patching	206398		ROANOKE LOOP	200	2	MS4	Annual Paved Road Maintenance
525480	8/19/2020	420	Asphalt Patching	206398		ROANOKE LOOP	200	2	MS4	Annual Paved Road Maintenance
525497	8/19/2020	420	Asphalt Patching	200087		AUSTIN RD	200	2	MS4	Annual Paved Road Maintenance
525500	8/19/2020	420	Asphalt Patching	200087		AUSTIN RD	200	2	MS4	Annual Paved Road Maintenance
525501	8/19/2020	420	Asphalt Patching	200087		AUSTIN RD	200	2	MS4	Annual Paved Road Maintenance
525502	8/19/2020	420	Asphalt Patching	200087		AUSTIN RD	200	2	MS4	Annual Paved Road Maintenance
525505	8/19/2020	420	Asphalt Patching	200087		AUSTIN RD	200	2	MS4	Annual Paved Road Maintenance
525511	8/19/2020	420	Asphalt Patching	200138		BAY BRANCH DR	200	2	MS4	Annual Paved Road Maintenance
525512	8/19/2020	420	Asphalt Patching	200138		BAY BRANCH DR	200	2	MS4	Annual Paved Road Maintenance
525516	8/19/2020	420	Asphalt Patching	200138		BAY BRANCH DR	200	2	MS4	Annual Paved Road Maintenance
525517	8/19/2020	420	Asphalt Patching	200138		BAY BRANCH DR	200	2	MS4	Annual Paved Road Maintenance
525518	8/19/2020	420	Asphalt Patching	200138		BAY BRANCH DR	200	2	MS4	Annual Paved Road Maintenance
525521	8/19/2020	420	Asphalt Patching	200087		AUSTIN RD	200	2	MS4	Annual Paved Road Maintenance
525522	8/19/2020	420	Asphalt Patching	200087		AUSTIN RD	200	2	MS4	Annual Paved Road Maintenance
525523	8/19/2020	420	Asphalt Patching	200087		AUSTIN RD	200	2	MS4	Annual Paved Road Maintenance
525524	8/19/2020	420	Asphalt Patching	200087		AUSTIN RD	200	2	MS4	Annual Paved Road Maintenance
525654	8/20/2020	420	Asphalt Patching	202521		SIBLEY CIR	200	2	MS4	Annual Paved Road Maintenance
525656	8/20/2020	420	Asphalt Patching	202521		SIBLEY CIR	200	2	MS4	Annual Paved Road Maintenance
525659	8/20/2020	420	Asphalt Patching	200569		DEAN CT S	200	2	MS4	Annual Paved Road Maintenance
525660	8/20/2020	420	Asphalt Patching	200569		DEAN CT S	200	2	MS4	Annual Paved Road Maintenance
525663	8/20/2020	420	Asphalt Patching	202536		LEESBURG PIKE	200	2	MS4	Annual Paved Road Maintenance
525664	8/20/2020	420	Asphalt Patching	202536		LEESBURG PIKE	200	2	MS4	Annual Paved Road Maintenance
525678	8/20/2020	420	Asphalt Patching	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
525680	8/20/2020	420	Asphalt Patching	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
525762	8/20/2020	420	Asphalt Patching	202094		TURKEY BRANCH DR	200	2	MS4	Annual Paved Road Maintenance
526385	8/25/2020	420	Asphalt Patching	100032		ALDER CIR	100	1	MS4	Annual Paved Road Maintenance
526386	8/25/2020	420	Asphalt Patching	100032		ALDER CIR	100	1	MS4	Annual Paved Road Maintenance
526387	8/25/2020	420	Asphalt Patching	100032		ALDER CIR	100	1	MS4	Annual Paved Road Maintenance
526388	8/25/2020	420	Asphalt Patching	101312		STILLWATER BLVD	100	1	MS4	Annual Paved Road Maintenance
526389	8/25/2020	420	Asphalt Patching	101312		STILLWATER BLVD	100	1	MS4	Annual Paved Road Maintenance
526390	8/25/2020	420	Asphalt Patching	101312		STILLWATER BLVD	100	1	MS4	Annual Paved Road Maintenance
527099	8/27/2020	420	Asphalt Patching	202521		SIBLEY CIR	200	2	MS4	Annual Paved Road Maintenance
527100	8/27/2020	420	Asphalt Patching	202521		SIBLEY CIR	200	2	MS4	Annual Paved Road Maintenance
527101	8/27/2020	420	Asphalt Patching	202521		SIBLEY CIR	200	2	MS4	Annual Paved Road Maintenance
527102	8/27/2020	420	Asphalt Patching	202521		SIBLEY CIR	200	2	MS4	Annual Paved Road Maintenance
527103	8/27/2020	420	Asphalt Patching	202521		SIBLEY CIR	200	2	MS4	Annual Paved Road Maintenance
527104	8/27/2020	420	Asphalt Patching	202521		SIBLEY CIR	200	2	MS4	Annual Paved Road Maintenance
527184	8/27/2020	420	Asphalt Patching	200195		BLACK OAK WAY	200	2	MS4	Annual Paved Road Maintenance
527185	8/27/2020	420	Asphalt Patching	200195		BLACK OAK WAY	200	2	MS4	Annual Paved Road Maintenance
528302	9/1/2020	420	Asphalt Patching	200569		DEAN CT S	200	2	MS4	Annual Paved Road Maintenance
528303	9/1/2020	420	Asphalt Patching	200569		DEAN CT S	200	2	MS4	Annual Paved Road Maintenance
528304	9/1/2020	420	Asphalt Patching	200569		DEAN CT S	200	2	MS4	Annual Paved Road Maintenance
528305	9/1/2020	420	Asphalt Patching	200569		DEAN CT S	200	2	MS4	Annual Paved Road Maintenance
528306	9/1/2020	420	Asphalt Patching	200569		DEAN CT S	200	2	MS4	Annual Paved Road Maintenance
528868	9/3/2020	420	Asphalt Patching	200802		GAYFER RD EXT	200	2	MS4	Annual Paved Road Maintenance
529332	9/8/2020	420	Asphalt Patching	100694		MILITARY BRIDGE DR	100	1	MS4	Annual Paved Road Maintenance
529333	9/8/2020	420	Asphalt Patching	100694		MILITARY BRIDGE DR	100	1	MS4	Annual Paved Road Maintenance
529334	9/8/2020	420	Asphalt Patching	100694		MILITARY BRIDGE DR	100	1	MS4	Annual Paved Road Maintenance
529335	9/8/2020	420	Asphalt Patching	100694		MILITARY BRIDGE DR	100	1	MS4	Annual Paved Road Maintenance
529336	9/8/2020	420	Asphalt Patching	100694		MILITARY BRIDGE DR	100	1	MS4	Annual Paved Road Maintenance
529337	9/8/2020	420	Asphalt Patching	100694		MILITARY BRIDGE DR	100	1	MS4	Annual Paved Road Maintenance
529338	9/8/2020	420	Asphalt Patching	100694		MILITARY BRIDGE DR	100	1	MS4	Annual Paved Road Maintenance
529387	9/8/2020	420	Asphalt Patching	100694		MILITARY BRIDGE DR	100	1	MS4	Annual Paved Road Maintenance

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529545	9/8/2020	420	Asphalt Patching	100694		MILITARY BRIDGE DR	100	1	MS4	Annual Paved Road Maintenance
529887	9/9/2020	420	Asphalt Patching	200479		COUNTY RD 54 W	200	2	MS4	Annual Paved Road Maintenance
538028	10/8/2020	420	Asphalt Patching	201408		MONTROSE WOODS DR	200	2	MS4	Annual Paved Road Maintenance
538029	10/8/2020	420	Asphalt Patching	201408		MONTROSE WOODS DR	200	2	MS4	Annual Paved Road Maintenance
538030	10/8/2020	420	Asphalt Patching	201408		MONTROSE WOODS DR	200	2	MS4	Annual Paved Road Maintenance
538031	10/8/2020	420	Asphalt Patching	201408		MONTROSE WOODS DR	200	2	MS4	Annual Paved Road Maintenance
538032	10/8/2020	420	Asphalt Patching	201408		MONTROSE WOODS DR	200	2	MS4	Annual Paved Road Maintenance
538771	10/12/2020	420	Asphalt Patching	202567		BRIGHTWAY CROSSING (BOI	200	3	MS4	Annual Paved Road Maintenance
538772	10/12/2020	420	Asphalt Patching	202567		BRIGHTWAY CROSSING (BOI	200	3	MS4	Annual Paved Road Maintenance
538803	10/12/2020	420	Asphalt Patching	202351	1	COUNTY RD 3	200	2	MS4	Annual Paved Road Maintenance
538804	10/12/2020	420	Asphalt Patching	202351	1	COUNTY RD 3	200	2	MS4	Annual Paved Road Maintenance
539093	10/13/2020	420	Asphalt Patching	200458	4	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
539094	10/13/2020	420	Asphalt Patching	200458	4	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
539095	10/13/2020	420	Asphalt Patching	200458	4	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
539655	10/15/2020	420	Asphalt Patching	201408		MONTROSE WOODS DR	200	2	MS4	Annual Paved Road Maintenance
539656	10/15/2020	420	Asphalt Patching	201408		MONTROSE WOODS DR	200	2	MS4	Annual Paved Road Maintenance
539657	10/15/2020	420	Asphalt Patching	201408		MONTROSE WOODS DR	200	2	MS4	Annual Paved Road Maintenance
539658	10/15/2020	420	Asphalt Patching	201408		MONTROSE WOODS DR	200	2	MS4	Annual Paved Road Maintenance
539659	10/15/2020	420	Asphalt Patching	201408		MONTROSE WOODS DR	200	2	MS4	Annual Paved Road Maintenance
539660	10/15/2020	420	Asphalt Patching	201408		MONTROSE WOODS DR	200	2	MS4	Annual Paved Road Maintenance
539661	10/15/2020	420	Asphalt Patching	202351	1	COUNTY RD 3	200	2	MS4	Annual Paved Road Maintenance
539665	10/15/2020	420	Asphalt Patching	202351	1	COUNTY RD 3	200	2	MS4	Annual Paved Road Maintenance
539668	10/15/2020	420	Asphalt Patching	202351	1	COUNTY RD 3	200	2	MS4	Annual Paved Road Maintenance
539669	10/15/2020	420	Asphalt Patching	202351	1	COUNTY RD 3	200	2	MS4	Annual Paved Road Maintenance
539670	10/15/2020	420	Asphalt Patching	202351	1	COUNTY RD 3	200	2	MS4	Annual Paved Road Maintenance
539674	10/15/2020	420	Asphalt Patching	200462	1	COUNTY RD 32	200	2	MS4	Annual Paved Road Maintenance
539677	10/15/2020	420	Asphalt Patching	200462	1	COUNTY RD 32	200	2	MS4	Annual Paved Road Maintenance
539678	10/15/2020	420	Asphalt Patching	200462	1	COUNTY RD 32	200	2	MS4	Annual Paved Road Maintenance
539679	10/15/2020	420	Asphalt Patching	200462	1	COUNTY RD 32	200	2	MS4	Annual Paved Road Maintenance
539956	10/15/2020	420	Asphalt Patching	201408		MONTROSE WOODS DR	200	2	MS4	Annual Paved Road Maintenance
539957	10/15/2020	420	Asphalt Patching	202351	1	COUNTY RD 3	200	2	MS4	Annual Paved Road Maintenance
539959	10/15/2020	420	Asphalt Patching	200462	1	COUNTY RD 32	200	2	MS4	Annual Paved Road Maintenance
540867	10/21/2020	420	Asphalt Patching	100592		LEE RD	100	2	MS4	Annual Paved Road Maintenance
540868	10/21/2020	420	Asphalt Patching	100592		LEE RD	100	2	MS4	Annual Paved Road Maintenance
540869	10/21/2020	420	Asphalt Patching	100592		LEE RD	100	2	MS4	Annual Paved Road Maintenance
540870	10/21/2020	420	Asphalt Patching	100592		LEE RD	100	2	MS4	Annual Paved Road Maintenance
540871	10/21/2020	420	Asphalt Patching	100592		LEE RD	100	2	MS4	Annual Paved Road Maintenance
540872	10/21/2020	420	Asphalt Patching	100592		LEE RD	100	2	MS4	Annual Paved Road Maintenance
540873	10/21/2020	420	Asphalt Patching	100592		LEE RD	100	2	MS4	Annual Paved Road Maintenance
541348	10/21/2020	420	Asphalt Patching	100592		LEE RD	100	2	MS4	Annual Paved Road Maintenance
542979	10/30/2020	420	Asphalt Patching	200543		DAIRY RD	200	2	MS4	Annual Paved Road Maintenance
542980	10/30/2020	420	Asphalt Patching	200543		DAIRY RD	200	2	MS4	Annual Paved Road Maintenance
542981	10/30/2020	420	Asphalt Patching	200543		DAIRY RD	200	2	MS4	Annual Paved Road Maintenance
542982	10/30/2020	420	Asphalt Patching	200543		DAIRY RD	200	2	MS4	Annual Paved Road Maintenance
542983	10/30/2020	420	Asphalt Patching	200543		DAIRY RD	200	2	MS4	Annual Paved Road Maintenance
544130	11/4/2020	420	Asphalt Patching	200543		DAIRY RD	200	2	MS4	Annual Paved Road Maintenance
544132	11/4/2020	420	Asphalt Patching	200543		DAIRY RD	200	2	MS4	Annual Paved Road Maintenance
544134	11/4/2020	420	Asphalt Patching	200543		DAIRY RD	200	2	MS4	Annual Paved Road Maintenance
544135	11/4/2020	420	Asphalt Patching	200543		DAIRY RD	200	2	MS4	Annual Paved Road Maintenance
544136	11/4/2020	420	Asphalt Patching	200543		DAIRY RD	200	2	MS4	Annual Paved Road Maintenance
544169	11/4/2020	420	Asphalt Patching	202567		BRIGHTWAY CROSSING (BOI	200	3	MS4	Annual Paved Road Maintenance
544171	11/4/2020	420	Asphalt Patching	202567		BRIGHTWAY CROSSING (BOI	200	3	MS4	Annual Paved Road Maintenance
544172	11/4/2020	420	Asphalt Patching	202567		BRIGHTWAY CROSSING (BOI	200	3	MS4	Annual Paved Road Maintenance
544174	11/4/2020	420	Asphalt Patching	202567		BRIGHTWAY CROSSING (BOI	200	3	MS4	Annual Paved Road Maintenance
544176	11/4/2020	420	Asphalt Patching	202567		BRIGHTWAY CROSSING (BOI	200	3	MS4	Annual Paved Road Maintenance
544608	11/6/2020	420	Asphalt Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
544613	11/6/2020	420	Asphalt Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
544632	11/6/2020	420	Asphalt Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
544636	11/6/2020	420	Asphalt Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
544638	11/6/2020	420	Asphalt Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
544661	11/6/2020	420	Asphalt Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
547885	11/24/2020	420	Asphalt Patching	200458	4	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
547888	11/24/2020	420	Asphalt Patching	200458	4	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance

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549551	12/4/2020	420	Asphalt Patching	201038		JACKSON CIR	200	2	MS4	Annual Paved Road Maintenance
549552	12/4/2020	420	Asphalt Patching	201038		JACKSON CIR	200	2	MS4	Annual Paved Road Maintenance
549553	12/4/2020	420	Asphalt Patching	201440	2	NEWMAN RD	200	2	MS4	Annual Paved Road Maintenance
549554	12/4/2020	420	Asphalt Patching	201440	2	NEWMAN RD	200	2	MS4	Annual Paved Road Maintenance
549988	12/8/2020	420	Asphalt Patching	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
550010	12/8/2020	420	Asphalt Patching	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
550011	12/8/2020	420	Asphalt Patching	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
550013	12/8/2020	420	Asphalt Patching	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
550014	12/8/2020	420	Asphalt Patching	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
550015	12/8/2020	420	Asphalt Patching	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
550017	12/8/2020	420	Asphalt Patching	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
550405	12/9/2020	420	Asphalt Patching	200461		SECTION ST	200	2	MS4	Annual Paved Road Maintenance
550406	12/9/2020	420	Asphalt Patching	200461		SECTION ST	200	2	MS4	Annual Paved Road Maintenance
550407	12/9/2020	420	Asphalt Patching	200461		SECTION ST	200	2	MS4	Annual Paved Road Maintenance
550408	12/9/2020	420	Asphalt Patching	200461		SECTION ST	200	2	MS4	Annual Paved Road Maintenance
550409	12/9/2020	420	Asphalt Patching	200461		SECTION ST	200	2	MS4	Annual Paved Road Maintenance
550412	12/9/2020	420	Asphalt Patching	202542		RAMANO DR	200	2	MS4	Annual Paved Road Maintenance
550413	12/9/2020	420	Asphalt Patching	202542		RAMANO DR	200	2	MS4	Annual Paved Road Maintenance
550414	12/9/2020	420	Asphalt Patching	202542		RAMANO DR	200	2	MS4	Annual Paved Road Maintenance
550415	12/9/2020	420	Asphalt Patching	202542		RAMANO DR	200	2	MS4	Annual Paved Road Maintenance
550416	12/9/2020	420	Asphalt Patching	202542		RAMANO DR	200	2	MS4	Annual Paved Road Maintenance
550417	12/9/2020	420	Asphalt Patching	202542		RAMANO DR	200	2	MS4	Annual Paved Road Maintenance
550516	12/9/2020	420	Asphalt Patching	100592		LEE RD	100	2	MS4	Annual Paved Road Maintenance
550517	12/9/2020	420	Asphalt Patching	100592		LEE RD	100	2	MS4	Annual Paved Road Maintenance
550518	12/9/2020	420	Asphalt Patching	100592		LEE RD	100	2	MS4	Annual Paved Road Maintenance
550836	12/11/2020	420	Asphalt Patching	202434		MAIN ST	200	2	MS4	Annual Paved Road Maintenance
550837	12/11/2020	420	Asphalt Patching	202434		MAIN ST	200	2	MS4	Annual Paved Road Maintenance
550838	12/11/2020	420	Asphalt Patching	202434		MAIN ST	200	2	MS4	Annual Paved Road Maintenance
550839	12/11/2020	420	Asphalt Patching	202434		MAIN ST	200	2	MS4	Annual Paved Road Maintenance
550840	12/11/2020	420	Asphalt Patching	202434		MAIN ST	200	2	MS4	Annual Paved Road Maintenance
550843	12/11/2020	420	Asphalt Patching	202434		MAIN ST	200	2	MS4	Annual Paved Road Maintenance
550844	12/11/2020	420	Asphalt Patching	201909		SIBLEY ST	200	2	MS4	Annual Paved Road Maintenance
550845	12/11/2020	420	Asphalt Patching	201909		SIBLEY ST	200	2	MS4	Annual Paved Road Maintenance
550846	12/11/2020	420	Asphalt Patching	201909		SIBLEY ST	200	2	MS4	Annual Paved Road Maintenance
550847	12/11/2020	420	Asphalt Patching	201909		SIBLEY ST	200	2	MS4	Annual Paved Road Maintenance
550848	12/11/2020	420	Asphalt Patching	201909		SIBLEY ST	200	2	MS4	Annual Paved Road Maintenance
550851	12/11/2020	420	Asphalt Patching	201909		SIBLEY ST	200	2	MS4	Annual Paved Road Maintenance
550852	12/11/2020	420	Asphalt Patching	200009	1	2ND ST	200	2	MS4	Annual Paved Road Maintenance
550853	12/11/2020	420	Asphalt Patching	200009	1	2ND ST	200	2	MS4	Annual Paved Road Maintenance
550854	12/11/2020	420	Asphalt Patching	200009	1	2ND ST	200	2	MS4	Annual Paved Road Maintenance
550865	12/11/2020	420	Asphalt Patching	200009	1	2ND ST	200	2	MS4	Annual Paved Road Maintenance
550866	12/11/2020	420	Asphalt Patching	200009	1	2ND ST	200	2	MS4	Annual Paved Road Maintenance
550867	12/11/2020	420	Asphalt Patching	200009	1	2ND ST	200	2	MS4	Annual Paved Road Maintenance
550869	12/11/2020	420	Asphalt Patching	200009	1	2ND ST	200	2	MS4	Annual Paved Road Maintenance
554000	12/11/2020	420	Asphalt Patching	202434		MAIN ST	200	2	MS4	Annual Paved Road Maintenance
558881	12/11/2020	420	Asphalt Patching	202434		MAIN ST	200	2	MS4	Annual Paved Road Maintenance
558882	12/11/2020	420	Asphalt Patching	201909		SIBLEY ST	200	2	MS4	Annual Paved Road Maintenance
558883	12/11/2020	420	Asphalt Patching	200009	1	2ND ST	200	2	MS4	Annual Paved Road Maintenance
552057	12/17/2020	420	Asphalt Patching	202543		SANIBEL LOOP	200	2	MS4	Annual Paved Road Maintenance
552058	12/17/2020	420	Asphalt Patching	202543		SANIBEL LOOP	200	2	MS4	Annual Paved Road Maintenance
552059	12/17/2020	420	Asphalt Patching	202543		SANIBEL LOOP	200	2	MS4	Annual Paved Road Maintenance
552060	12/17/2020	420	Asphalt Patching	202543		SANIBEL LOOP	200	2	MS4	Annual Paved Road Maintenance
552064	12/17/2020	420	Asphalt Patching	202543		SANIBEL LOOP	200	2	MS4	Annual Paved Road Maintenance
552065	12/17/2020	420	Asphalt Patching	202543		SANIBEL LOOP	200	2	MS4	Annual Paved Road Maintenance
552066	12/17/2020	420	Asphalt Patching	202543		SANIBEL LOOP	200	2	MS4	Annual Paved Road Maintenance
552067	12/17/2020	420	Asphalt Patching	202543		SANIBEL LOOP	200	2	MS4	Annual Paved Road Maintenance
559139	12/17/2020	420	Asphalt Patching	202543		SANIBEL LOOP	200	2	MS4	Annual Paved Road Maintenance
552353	12/18/2020	420	Asphalt Patching	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
552354	12/18/2020	420	Asphalt Patching	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
552355	12/18/2020	420	Asphalt Patching	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
552356	12/18/2020	420	Asphalt Patching	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
552623	12/21/2020	420	Asphalt Patching	101195		LAKE BLVD	100	1	MS4	Annual Paved Road Maintenance
552637	12/21/2020	420	Asphalt Patching	101195		LAKE BLVD	100	1	MS4	Annual Paved Road Maintenance

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552638	12/21/2020	420	Asphalt Patching	101195		LAKE BLVD	100	1	MS4	Annual Paved Road Maintenance
552670	12/21/2020	420	Asphalt Patching	200458	4	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
552675	12/21/2020	420	Asphalt Patching	200458	4	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
552678	12/21/2020	420	Asphalt Patching	200458	4	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
552680	12/21/2020	420	Asphalt Patching	200458	4	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
553184	12/21/2020	420	Asphalt Patching	101195		LAKE BLVD	100	1	MS4	Annual Paved Road Maintenance
553327	12/28/2020	420	Asphalt Patching	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
553328	12/28/2020	420	Asphalt Patching	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
553329	12/28/2020	420	Asphalt Patching	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
554230	12/31/2020	420	Asphalt Patching	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
554232	12/31/2020	420	Asphalt Patching	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
554233	12/31/2020	420	Asphalt Patching	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
554235	12/31/2020	420	Asphalt Patching	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
554236	12/31/2020	420	Asphalt Patching	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
554238	12/31/2020	420	Asphalt Patching	200167		BELFOREST CEMETERY RD	200	2	MS4	Annual Paved Road Maintenance
554239	12/31/2020	420	Asphalt Patching	200167		BELFOREST CEMETERY RD	200	2	MS4	Annual Paved Road Maintenance
554241	12/31/2020	420	Asphalt Patching	200167		BELFOREST CEMETERY RD	200	2	MS4	Annual Paved Road Maintenance
554242	12/31/2020	420	Asphalt Patching	200167		BELFOREST CEMETERY RD	200	2	MS4	Annual Paved Road Maintenance
554243	12/31/2020	420	Asphalt Patching	200167		BELFOREST CEMETERY RD	200	2	MS4	Annual Paved Road Maintenance
554490	1/4/2021	420	Asphalt Patching	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
554491	1/4/2021	420	Asphalt Patching	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
554492	1/4/2021	420	Asphalt Patching	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
554493	1/4/2021	420	Asphalt Patching	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
554494	1/4/2021	420	Asphalt Patching	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
554495	1/4/2021	420	Asphalt Patching	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
555144	1/5/2021	420	Asphalt Patching	201671		POLO RIDGE BLVD	200	2	MS4	Annual Paved Road Maintenance
555145	1/5/2021	420	Asphalt Patching	201671		POLO RIDGE BLVD	200	2	MS4	Annual Paved Road Maintenance
555146	1/5/2021	420	Asphalt Patching	201671		POLO RIDGE BLVD	200	2	MS4	Annual Paved Road Maintenance
555147	1/5/2021	420	Asphalt Patching	201671		POLO RIDGE BLVD	200	2	MS4	Annual Paved Road Maintenance
555148	1/5/2021	420	Asphalt Patching	201671		POLO RIDGE BLVD	200	2	MS4	Annual Paved Road Maintenance
555164	1/5/2021	420	Asphalt Patching	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
555165	1/5/2021	420	Asphalt Patching	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
555166	1/5/2021	420	Asphalt Patching	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
555167	1/5/2021	420	Asphalt Patching	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
555168	1/5/2021	420	Asphalt Patching	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
556200	1/12/2021	420	Asphalt Patching	202351	1	COUNTY RD 3	200	2	MS4	Annual Paved Road Maintenance
556201	1/12/2021	420	Asphalt Patching	202351	1	COUNTY RD 3	200	2	MS4	Annual Paved Road Maintenance
556202	1/12/2021	420	Asphalt Patching	202351	1	COUNTY RD 3	200	2	MS4	Annual Paved Road Maintenance
556204	1/12/2021	420	Asphalt Patching	201724		RAMSEY RD	200	2	MS4	Annual Paved Road Maintenance
556205	1/12/2021	420	Asphalt Patching	201724		RAMSEY RD	200	2	MS4	Annual Paved Road Maintenance
556206	1/12/2021	420	Asphalt Patching	201724		RAMSEY RD	200	2	MS4	Annual Paved Road Maintenance
556415	1/13/2021	420	Asphalt Patching	201724		RAMSEY RD	200	2	MS4	Annual Paved Road Maintenance
556416	1/13/2021	420	Asphalt Patching	201724		RAMSEY RD	200	2	MS4	Annual Paved Road Maintenance
556417	1/13/2021	420	Asphalt Patching	201724		RAMSEY RD	200	2	MS4	Annual Paved Road Maintenance
556418	1/13/2021	420	Asphalt Patching	201724		RAMSEY RD	200	2	MS4	Annual Paved Road Maintenance
556419	1/13/2021	420	Asphalt Patching	201724		RAMSEY RD	200	2	MS4	Annual Paved Road Maintenance
556420	1/13/2021	420	Asphalt Patching	201724		RAMSEY RD	200	2	MS4	Annual Paved Road Maintenance
556421	1/13/2021	420	Asphalt Patching	201724		RAMSEY RD	200	2	MS4	Annual Paved Road Maintenance
556422	1/13/2021	420	Asphalt Patching	201724		RAMSEY RD	200	2	MS4	Annual Paved Road Maintenance
569840	1/14/2021	420	Asphalt Patching	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
557017	1/15/2021	420	Asphalt Patching	201719		RAILROAD AV	200	3	MS4	Annual Paved Road Maintenance
557018	1/15/2021	420	Asphalt Patching	201719		RAILROAD AV	200	3	MS4	Annual Paved Road Maintenance
557019	1/15/2021	420	Asphalt Patching	201719		RAILROAD AV	200	3	MS4	Annual Paved Road Maintenance
557020	1/15/2021	420	Asphalt Patching	201719		RAILROAD AV	200	3	MS4	Annual Paved Road Maintenance
557021	1/15/2021	420	Asphalt Patching	201719		RAILROAD AV	200	3	MS4	Annual Paved Road Maintenance
558228	1/22/2021	420	Asphalt Patching	202232		WINDMILL RD	200	2	MS4	Annual Paved Road Maintenance
558230	1/22/2021	420	Asphalt Patching	202232		WINDMILL RD	200	2	MS4	Annual Paved Road Maintenance
558232	1/22/2021	420	Asphalt Patching	202232		WINDMILL RD	200	2	MS4	Annual Paved Road Maintenance
558233	1/22/2021	420	Asphalt Patching	202232		WINDMILL RD	200	2	MS4	Annual Paved Road Maintenance
558234	1/22/2021	420	Asphalt Patching	202232		WINDMILL RD	200	2	MS4	Annual Paved Road Maintenance
558683	1/26/2021	420	Asphalt Patching	100404		GENERAL CANBY DR	100	2	MS4	Annual Paved Road Maintenance
558685	1/26/2021	420	Asphalt Patching	100404		GENERAL CANBY DR	100	2	MS4	Annual Paved Road Maintenance
558686	1/26/2021	420	Asphalt Patching	100404		GENERAL CANBY DR	100	2	MS4	Annual Paved Road Maintenance

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560713	2/3/2021	420	Asphalt Patching	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
560719	2/3/2021	420	Asphalt Patching	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
560721	2/3/2021	420	Asphalt Patching	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
560723	2/3/2021	420	Asphalt Patching	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
560724	2/3/2021	420	Asphalt Patching	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
560725	2/3/2021	420	Asphalt Patching	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
570404	2/3/2021	420	Asphalt Patching	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
560881	2/4/2021	420	Asphalt Patching	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
560882	2/4/2021	420	Asphalt Patching	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
560883	2/4/2021	420	Asphalt Patching	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
560884	2/4/2021	420	Asphalt Patching	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
560885	2/4/2021	420	Asphalt Patching	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
560886	2/4/2021	420	Asphalt Patching	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
560887	2/4/2021	420	Asphalt Patching	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
560888	2/4/2021	420	Asphalt Patching	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
560889	2/4/2021	420	Asphalt Patching	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
570461	2/4/2021	420	Asphalt Patching	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
562581	2/11/2021	420	Asphalt Patching	201671		POLO RIDGE BLVD	200	2	MS4	Annual Paved Road Maintenance
562585	2/11/2021	420	Asphalt Patching	201671		POLO RIDGE BLVD	200	2	MS4	Annual Paved Road Maintenance
562586	2/11/2021	420	Asphalt Patching	201671		POLO RIDGE BLVD	200	2	MS4	Annual Paved Road Maintenance
562589	2/11/2021	420	Asphalt Patching	201671		POLO RIDGE BLVD	200	2	MS4	Annual Paved Road Maintenance
562593	2/11/2021	420	Asphalt Patching	201671		POLO RIDGE BLVD	200	2	MS4	Annual Paved Road Maintenance
562595	2/11/2021	420	Asphalt Patching	201671		POLO RIDGE BLVD	200	2	MS4	Annual Paved Road Maintenance
562596	2/11/2021	420	Asphalt Patching	201671		POLO RIDGE BLVD	200	2	MS4	Annual Paved Road Maintenance
562598	2/11/2021	420	Asphalt Patching	202351	1	COUNTY RD 3	200	2	MS4	Annual Paved Road Maintenance
562604	2/11/2021	420	Asphalt Patching	202351	1	COUNTY RD 3	200	2	MS4	Annual Paved Road Maintenance
562605	2/11/2021	420	Asphalt Patching	202351	1	COUNTY RD 3	200	2	MS4	Annual Paved Road Maintenance
562606	2/11/2021	420	Asphalt Patching	202351	1	COUNTY RD 3	200	2	MS4	Annual Paved Road Maintenance
562608	2/11/2021	420	Asphalt Patching	202351	1	COUNTY RD 3	200	2	MS4	Annual Paved Road Maintenance
562609	2/11/2021	420	Asphalt Patching	202351	1	COUNTY RD 3	200	2	MS4	Annual Paved Road Maintenance
562610	2/11/2021	420	Asphalt Patching	202351	1	COUNTY RD 3	200	2	MS4	Annual Paved Road Maintenance
570506	2/11/2021	420	Asphalt Patching	201671		POLO RIDGE BLVD	200	2	MS4	Annual Paved Road Maintenance
570507	2/11/2021	420	Asphalt Patching	202351	1	COUNTY RD 3	200	2	MS4	Annual Paved Road Maintenance
564942	2/24/2021	420	Asphalt Patching	201328		MCBRIDE RD	200	3	MS4	Annual Paved Road Maintenance
564943	2/24/2021	420	Asphalt Patching	201328		MCBRIDE RD	200	3	MS4	Annual Paved Road Maintenance
564944	2/24/2021	420	Asphalt Patching	201328		MCBRIDE RD	200	3	MS4	Annual Paved Road Maintenance
564945	2/24/2021	420	Asphalt Patching	201328		MCBRIDE RD	200	3	MS4	Annual Paved Road Maintenance
564946	2/24/2021	420	Asphalt Patching	201328		MCBRIDE RD	200	3	MS4	Annual Paved Road Maintenance
564947	2/24/2021	420	Asphalt Patching	201328		MCBRIDE RD	200	3	MS4	Annual Paved Road Maintenance
564949	2/24/2021	420	Asphalt Patching	201328		MCBRIDE RD	200	3	MS4	Annual Paved Road Maintenance
570517	2/24/2021	420	Asphalt Patching	201328		MCBRIDE RD	200	3	MS4	Annual Paved Road Maintenance
566398	3/2/2021	420	Asphalt Patching	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
566399	3/2/2021	420	Asphalt Patching	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
566608	3/3/2021	420	Asphalt Patching	202041		TENNIS CLUB DR	200	2	MS4	Annual Paved Road Maintenance
566609	3/3/2021	420	Asphalt Patching	202041		TENNIS CLUB DR	200	2	MS4	Annual Paved Road Maintenance
566610	3/3/2021	420	Asphalt Patching	202041		TENNIS CLUB DR	200	2	MS4	Annual Paved Road Maintenance
566611	3/3/2021	420	Asphalt Patching	202041		TENNIS CLUB DR	200	2	MS4	Annual Paved Road Maintenance
566612	3/3/2021	420	Asphalt Patching	202041		TENNIS CLUB DR	200	2	MS4	Annual Paved Road Maintenance
566613	3/3/2021	420	Asphalt Patching	202041		TENNIS CLUB DR	200	2	MS4	Annual Paved Road Maintenance
567034	3/4/2021	420	Asphalt Patching	202304		N WINDING BROOK DR	200	2	MS4	Annual Paved Road Maintenance
567035	3/4/2021	420	Asphalt Patching	202304		N WINDING BROOK DR	200	2	MS4	Annual Paved Road Maintenance
567036	3/4/2021	420	Asphalt Patching	202304		N WINDING BROOK DR	200	2	MS4	Annual Paved Road Maintenance
567037	3/4/2021	420	Asphalt Patching	202304		N WINDING BROOK DR	200	2	MS4	Annual Paved Road Maintenance
567038	3/4/2021	420	Asphalt Patching	202304		N WINDING BROOK DR	200	2	MS4	Annual Paved Road Maintenance
567039	3/4/2021	420	Asphalt Patching	202304		N WINDING BROOK DR	200	2	MS4	Annual Paved Road Maintenance
567040	3/4/2021	420	Asphalt Patching	200458	4	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
567041	3/4/2021	420	Asphalt Patching	200458	4	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
567042	3/4/2021	420	Asphalt Patching	200458	4	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
567043	3/4/2021	420	Asphalt Patching	200458	4	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
574208	3/4/2021	420	Asphalt Patching	202304		N WINDING BROOK DR	200	2	MS4	Annual Paved Road Maintenance
574209	3/4/2021	420	Asphalt Patching	200458	4	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
568096	3/9/2021	420	Asphalt Patching	101312		STILLWATER BLVD	100	1	MS4	Annual Paved Road Maintenance
568097	3/9/2021	420	Asphalt Patching	101312		STILLWATER BLVD	100	1	MS4	Annual Paved Road Maintenance

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568098	3/9/2021	420	Asphalt Patching	101312		STILLWATER BLVD	100	1	MS4	Annual Paved Road Maintenance
568305	3/9/2021	420	Asphalt Patching	100906		RUSHING WATER CT	100	1	MS4	Annual Paved Road Maintenance
568306	3/9/2021	420	Asphalt Patching	100906		RUSHING WATER CT	100	1	MS4	Annual Paved Road Maintenance
568520	3/10/2021	420	Asphalt Patching	100404		GENERAL CANBY DR	100	2	MS4	Annual Paved Road Maintenance
568522	3/10/2021	420	Asphalt Patching	100404		GENERAL CANBY DR	100	2	MS4	Annual Paved Road Maintenance
568523	3/10/2021	420	Asphalt Patching	100404		GENERAL CANBY DR	100	2	MS4	Annual Paved Road Maintenance
571343	3/23/2021	420	Asphalt Patching	202232		WINDMILL RD	200	2	MS4	Annual Paved Road Maintenance
571345	3/23/2021	420	Asphalt Patching	202232		WINDMILL RD	200	2	MS4	Annual Paved Road Maintenance
571346	3/23/2021	420	Asphalt Patching	202232		WINDMILL RD	200	2	MS4	Annual Paved Road Maintenance
571347	3/23/2021	420	Asphalt Patching	202232		WINDMILL RD	200	2	MS4	Annual Paved Road Maintenance
571348	3/23/2021	420	Asphalt Patching	202232		WINDMILL RD	200	2	MS4	Annual Paved Road Maintenance
571349	3/23/2021	420	Asphalt Patching	202232		WINDMILL RD	200	2	MS4	Annual Paved Road Maintenance
571645	3/24/2021	420	Asphalt Patching	200234	2	BRAGA DR	200	2	MS4	Annual Paved Road Maintenance
571646	3/24/2021	420	Asphalt Patching	200234	2	BRAGA DR	200	2	MS4	Annual Paved Road Maintenance
571647	3/24/2021	420	Asphalt Patching	200234	2	BRAGA DR	200	2	MS4	Annual Paved Road Maintenance
571648	3/24/2021	420	Asphalt Patching	200234	2	BRAGA DR	200	2	MS4	Annual Paved Road Maintenance
562249	2/8/2021	481	Clip Shoulders	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
562250	2/8/2021	481	Clip Shoulders	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
562255	2/8/2021	481	Clip Shoulders	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
562256	2/8/2021	481	Clip Shoulders	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
562289	2/8/2021	481	Clip Shoulders	202359	1	COUNTY RD 48	200	2	MS4	Annual Paved Road Maintenance
562290	2/8/2021	481	Clip Shoulders	202359	1	COUNTY RD 48	200	2	MS4	Annual Paved Road Maintenance
562291	2/8/2021	481	Clip Shoulders	201195	2	LAWRENCE RD	200	2	MS4	Annual Paved Road Maintenance
562292	2/8/2021	481	Clip Shoulders	201195	2	LAWRENCE RD	200	2	MS4	Annual Paved Road Maintenance
562323	2/9/2021	481	Clip Shoulders	200462	1	COUNTY RD 32	200	2	MS4	Annual Paved Road Maintenance
562324	2/9/2021	481	Clip Shoulders	200462	1	COUNTY RD 32	200	2	MS4	Annual Paved Road Maintenance
562325	2/9/2021	481	Clip Shoulders	200462	1	COUNTY RD 32	200	2	MS4	Annual Paved Road Maintenance
562326	2/9/2021	481	Clip Shoulders	200462	1	COUNTY RD 32	200	2	MS4	Annual Paved Road Maintenance
562329	2/9/2021	481	Clip Shoulders	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
562330	2/9/2021	481	Clip Shoulders	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
563854	2/17/2021	481	Clip Shoulders	202351	1	COUNTY RD 3	200	2	MS4	Annual Paved Road Maintenance
563855	2/17/2021	481	Clip Shoulders	202351	1	COUNTY RD 3	200	2	MS4	Annual Paved Road Maintenance
563860	2/17/2021	481	Clip Shoulders	200462	1	COUNTY RD 32	200	2	MS4	Annual Paved Road Maintenance
563861	2/17/2021	481	Clip Shoulders	200462	1	COUNTY RD 32	200	2	MS4	Annual Paved Road Maintenance
563862	2/17/2021	481	Clip Shoulders	201698		PROVENCHER RD	200	2	MS4	Annual Paved Road Maintenance
563863	2/17/2021	481	Clip Shoulders	201698		PROVENCHER RD	200	2	MS4	Annual Paved Road Maintenance
563866	2/17/2021	481	Clip Shoulders	201514		OLD MARLOW RD	200	2	MS4	Annual Paved Road Maintenance
563867	2/17/2021	481	Clip Shoulders	201514		OLD MARLOW RD	200	2	MS4	Annual Paved Road Maintenance
563868	2/17/2021	481	Clip Shoulders	200543		DAIRY RD	200	2	MS4	Annual Paved Road Maintenance
563869	2/17/2021	481	Clip Shoulders	200543		DAIRY RD	200	2	MS4	Annual Paved Road Maintenance
563876	2/17/2021	481	Clip Shoulders	202433		BATTLES RD	200	2	MS4	Annual Paved Road Maintenance
563877	2/17/2021	481	Clip Shoulders	202433		BATTLES RD	200	2	MS4	Annual Paved Road Maintenance
563878	2/17/2021	481	Clip Shoulders	200458	4	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
563879	2/17/2021	481	Clip Shoulders	200458	4	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
563882	2/17/2021	481	Clip Shoulders	200641		DYER RD	200	2	MS4	Annual Paved Road Maintenance
563883	2/17/2021	481	Clip Shoulders	200641		DYER RD	200	2	MS4	Annual Paved Road Maintenance
563884	2/17/2021	481	Clip Shoulders	202300		MOSLEY RD	200	2	MS4	Annual Paved Road Maintenance
563885	2/17/2021	481	Clip Shoulders	202300		MOSLEY RD	200	2	MS4	Annual Paved Road Maintenance
563886	2/19/2021	481	Clip Shoulders	200458	4	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
563887	2/19/2021	481	Clip Shoulders	200458	4	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
563888	2/19/2021	481	Clip Shoulders	200780		FRIENDSHIP RD	200	2	MS4	Annual Paved Road Maintenance
563889	2/19/2021	481	Clip Shoulders	200780		FRIENDSHIP RD	200	2	MS4	Annual Paved Road Maintenance
563890	2/19/2021	481	Clip Shoulders	201087		JONESBORO RD	200	2	MS4	Annual Paved Road Maintenance
563891	2/19/2021	481	Clip Shoulders	201087		JONESBORO RD	200	2	MS4	Annual Paved Road Maintenance
563892	2/19/2021	481	Clip Shoulders	201440	1	NEWMAN RD	200	2	MS4	Annual Paved Road Maintenance
563893	2/19/2021	481	Clip Shoulders	201440	1	NEWMAN RD	200	2	MS4	Annual Paved Road Maintenance
563894	2/19/2021	481	Clip Shoulders	201668		POLLARD RD	200	2	MS4	Annual Paved Road Maintenance
563895	2/19/2021	481	Clip Shoulders	201668		POLLARD RD	200	2	MS4	Annual Paved Road Maintenance
563896	2/19/2021	481	Clip Shoulders	201662		PLEASANT RD	200	2	MS4	Annual Paved Road Maintenance
563897	2/19/2021	481	Clip Shoulders	201662		PLEASANT RD	200	2	MS4	Annual Paved Road Maintenance
563898	2/19/2021	481	Clip Shoulders	201763		RIGSBY RD	200	2	MS4	Annual Paved Road Maintenance
563899	2/19/2021	481	Clip Shoulders	201763		RIGSBY RD	200	2	MS4	Annual Paved Road Maintenance
563900	2/19/2021	481	Clip Shoulders	200479		COUNTY RD 54 W	200	2	MS4	Annual Paved Road Maintenance

Record Id	Date	Activity Id	Activity Desc	Road Id	Road Section	Road Name	Road District	Comm District	User Defined 4	Project Desc
563901	2/19/2021	481	Clip Shoulders	200479		COUNTY RD 54 W	200	2	MS4	Annual Paved Road Maintenance
563902	2/19/2021	481	Clip Shoulders	200486	1	COUNTY RD 64	200	2	MS4	Annual Paved Road Maintenance
563903	2/19/2021	481	Clip Shoulders	200486	1	COUNTY RD 64	200	2	MS4	Annual Paved Road Maintenance
563904	2/19/2021	481	Clip Shoulders	200087		AUSTIN RD	200	2	MS4	Annual Paved Road Maintenance
563905	2/19/2021	481	Clip Shoulders	200087		AUSTIN RD	200	2	MS4	Annual Paved Road Maintenance
563906	2/19/2021	481	Clip Shoulders	201737		REBEL RD	200	2	MS4	Annual Paved Road Maintenance
563907	2/19/2021	481	Clip Shoulders	201737		REBEL RD	200	2	MS4	Annual Paved Road Maintenance
564216	2/22/2021	481	Clip Shoulders	200167		BELFOREST CEMETERY RD	200	2	MS4	Annual Paved Road Maintenance
564217	2/22/2021	481	Clip Shoulders	200167		BELFOREST CEMETERY RD	200	2	MS4	Annual Paved Road Maintenance
564218	2/22/2021	481	Clip Shoulders	200479		COUNTY RD 54 W	200	2	MS4	Annual Paved Road Maintenance
564219	2/22/2021	481	Clip Shoulders	200479		COUNTY RD 54 W	200	2	MS4	Annual Paved Road Maintenance
564220	2/22/2021	481	Clip Shoulders	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
564221	2/22/2021	481	Clip Shoulders	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
564222	2/22/2021	481	Clip Shoulders	200486	2	COUNTY RD 64	200	3	MS4	Annual Paved Road Maintenance
564223	2/22/2021	481	Clip Shoulders	200486	2	COUNTY RD 64	200	3	MS4	Annual Paved Road Maintenance
564224	2/22/2021	481	Clip Shoulders	201257		LOXLEY HEIGHTS RD	200	3	MS4	Annual Paved Road Maintenance
564225	2/22/2021	481	Clip Shoulders	201257		LOXLEY HEIGHTS RD	200	3	MS4	Annual Paved Road Maintenance
564226	2/22/2021	481	Clip Shoulders	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
564227	2/22/2021	481	Clip Shoulders	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
564228	2/22/2021	481	Clip Shoulders	200491		COUNTY RD 66 N	200	3	MS4	Annual Paved Road Maintenance
564229	2/22/2021	481	Clip Shoulders	200491		COUNTY RD 66 N	200	3	MS4	Annual Paved Road Maintenance
564230	2/22/2021	481	Clip Shoulders	201064		JENKINS FARM RD	200	2	MS4	Annual Paved Road Maintenance
564231	2/22/2021	481	Clip Shoulders	201064		JENKINS FARM RD	200	2	MS4	Annual Paved Road Maintenance
564232	2/22/2021	481	Clip Shoulders	200952	1	HILLARD JENKINS RD	200	2	MS4	Annual Paved Road Maintenance
564233	2/22/2021	481	Clip Shoulders	200952	1	HILLARD JENKINS RD	200	2	MS4	Annual Paved Road Maintenance
564234	2/22/2021	481	Clip Shoulders	200844		GREEK LN	200	2	MS4	Annual Paved Road Maintenance
564235	2/22/2021	481	Clip Shoulders	200844		GREEK LN	200	2	MS4	Annual Paved Road Maintenance
564236	2/22/2021	481	Clip Shoulders	202112		VALERIE LN	200	2	MS4	Annual Paved Road Maintenance
564237	2/22/2021	481	Clip Shoulders	202112		VALERIE LN	200	2	MS4	Annual Paved Road Maintenance
564238	2/22/2021	481	Clip Shoulders	202057		THREE MILE CREEK RD	200	2	MS4	Annual Paved Road Maintenance
564239	2/22/2021	481	Clip Shoulders	202057		THREE MILE CREEK RD	200	2	MS4	Annual Paved Road Maintenance
564240	2/22/2021	481	Clip Shoulders	202439		COUNTY RD 66	200	3	MS4	Annual Paved Road Maintenance
564241	2/22/2021	481	Clip Shoulders	202439		COUNTY RD 66	200	3	MS4	Annual Paved Road Maintenance
564242	2/22/2021	481	Clip Shoulders	200210		BOAZ RD E	200	3	MS4	Annual Paved Road Maintenance
564243	2/22/2021	481	Clip Shoulders	200210		BOAZ RD E	200	3	MS4	Annual Paved Road Maintenance
564244	2/22/2021	481	Clip Shoulders	200882		HALL RD	200	3	MS4	Annual Paved Road Maintenance
564245	2/22/2021	481	Clip Shoulders	200882		HALL RD	200	3	MS4	Annual Paved Road Maintenance
564246	2/22/2021	481	Clip Shoulders	200209		BOAZ RD W	200	3	MS4	Annual Paved Road Maintenance
564247	2/22/2021	481	Clip Shoulders	200209		BOAZ RD W	200	3	MS4	Annual Paved Road Maintenance
564248	2/22/2021	481	Clip Shoulders	200860		GREENWOOD CEMETERY LN	200	3	MS4	Annual Paved Road Maintenance
564249	2/22/2021	481	Clip Shoulders	200860		GREENWOOD CEMETERY LN	200	3	MS4	Annual Paved Road Maintenance
564250	2/22/2021	481	Clip Shoulders	200472	2	COUNTY RD 49	200	3	MS4	Annual Paved Road Maintenance
564251	2/22/2021	481	Clip Shoulders	200472	2	COUNTY RD 49	200	3	MS4	Annual Paved Road Maintenance
564904	2/24/2021	481	Clip Shoulders	201719		RAILROAD AV	200	3	MS4	Annual Paved Road Maintenance
564905	2/24/2021	481	Clip Shoulders	201719		RAILROAD AV	200	3	MS4	Annual Paved Road Maintenance
564908	2/24/2021	481	Clip Shoulders	200194		BLACK DEVINE RD	200	3	MS4	Annual Paved Road Maintenance
564909	2/24/2021	481	Clip Shoulders	200194		BLACK DEVINE RD	200	3	MS4	Annual Paved Road Maintenance
565204	2/25/2021	481	Clip Shoulders	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
565205	2/25/2021	481	Clip Shoulders	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
565208	2/25/2021	481	Clip Shoulders	206429		E COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
565209	2/25/2021	481	Clip Shoulders	206429		E COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
565210	2/25/2021	481	Clip Shoulders	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
565211	2/25/2021	481	Clip Shoulders	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
565914	3/1/2021	481	Clip Shoulders	200495	2	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
565915	3/1/2021	481	Clip Shoulders	200495	2	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
566319	3/2/2021	481	Clip Shoulders	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
566334	3/2/2021	481	Clip Shoulders	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
566335	3/2/2021	481	Clip Shoulders	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
566336	3/2/2021	481	Clip Shoulders	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
566337	3/2/2021	481	Clip Shoulders	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
566339	3/2/2021	481	Clip Shoulders	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
570445	3/18/2021	481	Clip Shoulders	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
570446	3/18/2021	481	Clip Shoulders	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance

Record Id	Date	Activity Id	Activity Desc	Road Id	Road Section	Road Name	Road District	Comm District	User Defined 4	Project Desc
570447	3/18/2021	481	Clip Shoulders	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
570448	3/18/2021	481	Clip Shoulders	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
570449	3/18/2021	481	Clip Shoulders	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
570450	3/18/2021	481	Clip Shoulders	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
570451	3/18/2021	481	Clip Shoulders	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
570452	3/18/2021	481	Clip Shoulders	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
557302	1/14/2021	305	Construction Striping	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
557303	1/14/2021	305	Construction Striping	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
557304	1/14/2021	305	Construction Striping	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
509449	6/2/2020	671	Driveway Surface Repairs	201440	1	NEWMAN RD	200	2	MS4	Annual Paved Road Maintenance
509452	6/2/2020	671	Driveway Surface Repairs	201440	1	NEWMAN RD	200	2	MS4	Annual Paved Road Maintenance
509454	6/2/2020	671	Driveway Surface Repairs	201440	1	NEWMAN RD	200	2	MS4	Annual Paved Road Maintenance
509455	6/2/2020	671	Driveway Surface Repairs	201440	1	NEWMAN RD	200	2	MS4	Annual Paved Road Maintenance
509458	6/2/2020	671	Driveway Surface Repairs	201440	1	NEWMAN RD	200	2	MS4	Annual Paved Road Maintenance
512142	6/16/2020	671	Driveway Surface Repairs	202222		WILSON LN	200	2	MS4	Annual Paved Road Maintenance
512143	6/16/2020	671	Driveway Surface Repairs	202222		WILSON LN	200	2	MS4	Annual Paved Road Maintenance
512146	6/16/2020	671	Driveway Surface Repairs	202222		WILSON LN	200	2	MS4	Annual Paved Road Maintenance
515478	7/2/2020	671	Driveway Surface Repairs	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
515479	7/2/2020	671	Driveway Surface Repairs	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
515483	7/2/2020	671	Driveway Surface Repairs	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
515484	7/2/2020	671	Driveway Surface Repairs	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
515855	7/6/2020	671	Driveway Surface Repairs	200952	1	HILLARD JENKINS RD	200	2	MS4	Annual Paved Road Maintenance
515856	7/6/2020	671	Driveway Surface Repairs	200952	1	HILLARD JENKINS RD	200	2	MS4	Annual Paved Road Maintenance
515857	7/6/2020	671	Driveway Surface Repairs	200952	1	HILLARD JENKINS RD	200	2	MS4	Annual Paved Road Maintenance
515858	7/6/2020	671	Driveway Surface Repairs	200952	1	HILLARD JENKINS RD	200	2	MS4	Annual Paved Road Maintenance
515859	7/6/2020	671	Driveway Surface Repairs	200952	1	HILLARD JENKINS RD	200	2	MS4	Annual Paved Road Maintenance
519397	7/22/2020	671	Driveway Surface Repairs	202159		WALTON RD	200	2	MS4	Annual Paved Road Maintenance
519398	7/22/2020	671	Driveway Surface Repairs	202159		WALTON RD	200	2	MS4	Annual Paved Road Maintenance
519400	7/22/2020	671	Driveway Surface Repairs	202159		WALTON RD	200	2	MS4	Annual Paved Road Maintenance
519401	7/22/2020	671	Driveway Surface Repairs	202159		WALTON RD	200	2	MS4	Annual Paved Road Maintenance
519402	7/22/2020	671	Driveway Surface Repairs	202159		WALTON RD	200	2	MS4	Annual Paved Road Maintenance
519403	7/22/2020	671	Driveway Surface Repairs	202159		WALTON RD	200	2	MS4	Annual Paved Road Maintenance
520357	7/28/2020	671	Driveway Surface Repairs	100174		BUZBEE RD	100	2	MS4	Annual Paved Road Maintenance
520358	7/28/2020	671	Driveway Surface Repairs	100174		BUZBEE RD	100	2	MS4	Annual Paved Road Maintenance
520359	7/28/2020	671	Driveway Surface Repairs	100174		BUZBEE RD	100	2	MS4	Annual Paved Road Maintenance
520360	7/28/2020	671	Driveway Surface Repairs	100174		BUZBEE RD	100	2	MS4	Annual Paved Road Maintenance
521229	7/31/2020	671	Driveway Surface Repairs	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
521230	7/31/2020	671	Driveway Surface Repairs	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
521231	7/31/2020	671	Driveway Surface Repairs	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
521232	7/31/2020	671	Driveway Surface Repairs	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
521233	7/31/2020	671	Driveway Surface Repairs	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
521234	7/31/2020	671	Driveway Surface Repairs	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
521235	7/31/2020	671	Driveway Surface Repairs	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
521236	7/31/2020	671	Driveway Surface Repairs	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
522981	7/31/2020	671	Driveway Surface Repairs	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
523266	7/31/2020	671	Driveway Surface Repairs	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
526809	8/26/2020	671	Driveway Surface Repairs	200472	2	COUNTY RD 49	200	3	MS4	Annual Paved Road Maintenance
526810	8/26/2020	671	Driveway Surface Repairs	200472	2	COUNTY RD 49	200	3	MS4	Annual Paved Road Maintenance
526811	8/26/2020	671	Driveway Surface Repairs	200472	2	COUNTY RD 49	200	3	MS4	Annual Paved Road Maintenance
526812	8/26/2020	671	Driveway Surface Repairs	200472	2	COUNTY RD 49	200	3	MS4	Annual Paved Road Maintenance
526813	8/26/2020	671	Driveway Surface Repairs	200472	2	COUNTY RD 49	200	3	MS4	Annual Paved Road Maintenance
534134	9/23/2020	671	Driveway Surface Repairs	100174		BUZBEE RD	100	2	MS4	Annual Paved Road Maintenance
534135	9/23/2020	671	Driveway Surface Repairs	100174		BUZBEE RD	100	2	MS4	Annual Paved Road Maintenance
534136	9/23/2020	671	Driveway Surface Repairs	100174		BUZBEE RD	100	2	MS4	Annual Paved Road Maintenance
534137	9/23/2020	671	Driveway Surface Repairs	100174		BUZBEE RD	100	2	MS4	Annual Paved Road Maintenance
534138	9/23/2020	671	Driveway Surface Repairs	100174		BUZBEE RD	100	2	MS4	Annual Paved Road Maintenance
534139	9/23/2020	671	Driveway Surface Repairs	100174		BUZBEE RD	100	2	MS4	Annual Paved Road Maintenance
534140	9/23/2020	671	Driveway Surface Repairs	100174		BUZBEE RD	100	2	MS4	Annual Paved Road Maintenance
534141	9/23/2020	671	Driveway Surface Repairs	100174		BUZBEE RD	100	2	MS4	Annual Paved Road Maintenance
536381	9/23/2020	671	Driveway Surface Repairs	100174		BUZBEE RD	100	2	MS4	Annual Paved Road Maintenance
539789	10/16/2020	671	Driveway Surface Repairs	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
539790	10/16/2020	671	Driveway Surface Repairs	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
539791	10/16/2020	671	Driveway Surface Repairs	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance

Record Id	Date	Activity Id	Activity Desc	Road Id	Road Section	Road Name	Road District	Comm District	User Defined 4	Project Desc
543575	10/16/2020	671	Driveway Surface Repairs	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
540899	10/22/2020	671	Driveway Surface Repairs	202222		WILSON LN	200	2	MS4	Annual Paved Road Maintenance
540901	10/22/2020	671	Driveway Surface Repairs	202222		WILSON LN	200	2	MS4	Annual Paved Road Maintenance
540902	10/22/2020	671	Driveway Surface Repairs	202222		WILSON LN	200	2	MS4	Annual Paved Road Maintenance
540903	10/22/2020	671	Driveway Surface Repairs	202222		WILSON LN	200	2	MS4	Annual Paved Road Maintenance
540904	10/22/2020	671	Driveway Surface Repairs	202159		WALTON RD	200	2	MS4	Annual Paved Road Maintenance
540906	10/22/2020	671	Driveway Surface Repairs	202159		WALTON RD	200	2	MS4	Annual Paved Road Maintenance
540907	10/22/2020	671	Driveway Surface Repairs	202159		WALTON RD	200	2	MS4	Annual Paved Road Maintenance
540908	10/22/2020	671	Driveway Surface Repairs	202159		WALTON RD	200	2	MS4	Annual Paved Road Maintenance
540909	10/22/2020	671	Driveway Surface Repairs	202159		WALTON RD	200	2	MS4	Annual Paved Road Maintenance
540910	10/22/2020	671	Driveway Surface Repairs	202159		WALTON RD	200	2	MS4	Annual Paved Road Maintenance
542242	10/27/2020	671	Driveway Surface Repairs	201195	2	LAWRENCE RD	200	2	MS4	Annual Paved Road Maintenance
542243	10/27/2020	671	Driveway Surface Repairs	201195	2	LAWRENCE RD	200	2	MS4	Annual Paved Road Maintenance
542245	10/27/2020	671	Driveway Surface Repairs	201195	2	LAWRENCE RD	200	2	MS4	Annual Paved Road Maintenance
542246	10/27/2020	671	Driveway Surface Repairs	201195	2	LAWRENCE RD	200	2	MS4	Annual Paved Road Maintenance
542247	10/27/2020	671	Driveway Surface Repairs	201195	2	LAWRENCE RD	200	2	MS4	Annual Paved Road Maintenance
542248	10/27/2020	671	Driveway Surface Repairs	201195	2	LAWRENCE RD	200	2	MS4	Annual Paved Road Maintenance
542250	10/27/2020	671	Driveway Surface Repairs	201195	2	LAWRENCE RD	200	2	MS4	Annual Paved Road Maintenance
542251	10/27/2020	671	Driveway Surface Repairs	201195	2	LAWRENCE RD	200	2	MS4	Annual Paved Road Maintenance
542252	10/27/2020	671	Driveway Surface Repairs	201195	2	LAWRENCE RD	200	2	MS4	Annual Paved Road Maintenance
542253	10/27/2020	671	Driveway Surface Repairs	201195	2	LAWRENCE RD	200	2	MS4	Annual Paved Road Maintenance
542254	10/27/2020	671	Driveway Surface Repairs	201195	2	LAWRENCE RD	200	2	MS4	Annual Paved Road Maintenance
542255	10/27/2020	671	Driveway Surface Repairs	201195	2	LAWRENCE RD	200	2	MS4	Annual Paved Road Maintenance
546313	11/17/2020	671	Driveway Surface Repairs	200472	2	COUNTY RD 49	200	3	MS4	Annual Paved Road Maintenance
546318	11/17/2020	671	Driveway Surface Repairs	200472	2	COUNTY RD 49	200	3	MS4	Annual Paved Road Maintenance
546322	11/17/2020	671	Driveway Surface Repairs	200472	2	COUNTY RD 49	200	3	MS4	Annual Paved Road Maintenance
546323	11/17/2020	671	Driveway Surface Repairs	200472	2	COUNTY RD 49	200	3	MS4	Annual Paved Road Maintenance
546324	11/17/2020	671	Driveway Surface Repairs	200472	2	COUNTY RD 49	200	3	MS4	Annual Paved Road Maintenance
550398	12/9/2020	671	Driveway Surface Repairs	200342		CEDAR LN	200	2	MS4	Annual Paved Road Maintenance
550399	12/9/2020	671	Driveway Surface Repairs	200342		CEDAR LN	200	2	MS4	Annual Paved Road Maintenance
550400	12/9/2020	671	Driveway Surface Repairs	200342		CEDAR LN	200	2	MS4	Annual Paved Road Maintenance
550401	12/9/2020	671	Driveway Surface Repairs	200342		CEDAR LN	200	2	MS4	Annual Paved Road Maintenance
550402	12/9/2020	671	Driveway Surface Repairs	200342		CEDAR LN	200	2	MS4	Annual Paved Road Maintenance
550403	12/9/2020	671	Driveway Surface Repairs	200342		CEDAR LN	200	2	MS4	Annual Paved Road Maintenance
550641	12/10/2020	671	Driveway Surface Repairs	101048		TURBERVILLE LN	100	2	MS4	Annual Paved Road Maintenance
550642	12/10/2020	671	Driveway Surface Repairs	101048		TURBERVILLE LN	100	2	MS4	Annual Paved Road Maintenance
550643	12/10/2020	671	Driveway Surface Repairs	101048		TURBERVILLE LN	100	2	MS4	Annual Paved Road Maintenance
551734	12/16/2020	671	Driveway Surface Repairs	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
551736	12/16/2020	671	Driveway Surface Repairs	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
557022	1/15/2021	671	Driveway Surface Repairs	201195	2	LAWRENCE RD	200	2	MS4	Annual Paved Road Maintenance
557023	1/15/2021	671	Driveway Surface Repairs	201195	2	LAWRENCE RD	200	2	MS4	Annual Paved Road Maintenance
557024	1/15/2021	671	Driveway Surface Repairs	201195	2	LAWRENCE RD	200	2	MS4	Annual Paved Road Maintenance
557025	1/15/2021	671	Driveway Surface Repairs	201195	2	LAWRENCE RD	200	2	MS4	Annual Paved Road Maintenance
557026	1/15/2021	671	Driveway Surface Repairs	201195	2	LAWRENCE RD	200	2	MS4	Annual Paved Road Maintenance
557027	1/15/2021	671	Driveway Surface Repairs	201195	2	LAWRENCE RD	200	2	MS4	Annual Paved Road Maintenance
558660	1/26/2021	671	Driveway Surface Repairs	200479		COUNTY RD 54 W	200	2	MS4	Annual Paved Road Maintenance
558661	1/26/2021	671	Driveway Surface Repairs	200479		COUNTY RD 54 W	200	2	MS4	Annual Paved Road Maintenance
558662	1/26/2021	671	Driveway Surface Repairs	200479		COUNTY RD 54 W	200	2	MS4	Annual Paved Road Maintenance
558663	1/26/2021	671	Driveway Surface Repairs	200479		COUNTY RD 54 W	200	2	MS4	Annual Paved Road Maintenance
558664	1/26/2021	671	Driveway Surface Repairs	200479		COUNTY RD 54 W	200	2	MS4	Annual Paved Road Maintenance
564658	2/23/2021	671	Driveway Surface Repairs	200435		CONFEDERATE REST RD	200	2	MS4	Annual Paved Road Maintenance
564659	2/23/2021	671	Driveway Surface Repairs	200435		CONFEDERATE REST RD	200	2	MS4	Annual Paved Road Maintenance
564660	2/23/2021	671	Driveway Surface Repairs	200435		CONFEDERATE REST RD	200	2	MS4	Annual Paved Road Maintenance
564661	2/23/2021	671	Driveway Surface Repairs	200435		CONFEDERATE REST RD	200	2	MS4	Annual Paved Road Maintenance
564662	2/23/2021	671	Driveway Surface Repairs	200435		CONFEDERATE REST RD	200	2	MS4	Annual Paved Road Maintenance
564664	2/23/2021	671	Driveway Surface Repairs	200435		CONFEDERATE REST RD	200	2	MS4	Annual Paved Road Maintenance
570512	2/23/2021	671	Driveway Surface Repairs	200435		CONFEDERATE REST RD	200	2	MS4	Annual Paved Road Maintenance
571929	3/25/2021	671	Driveway Surface Repairs	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
571930	3/25/2021	671	Driveway Surface Repairs	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
571931	3/25/2021	671	Driveway Surface Repairs	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
571932	3/25/2021	671	Driveway Surface Repairs	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
571933	3/25/2021	671	Driveway Surface Repairs	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
571934	3/25/2021	671	Driveway Surface Repairs	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance

Record Id	Date	Activity Id	Activity Desc	Road Id	Road Section	Road Name	Road District	Comm District	User Defined 4	Project Desc
571935	3/25/2021	671	Driveway Surface Repairs	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
500587	4/22/2020	628	Erosion Control	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
500588	4/22/2020	628	Erosion Control	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
500590	4/22/2020	628	Erosion Control	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
506887	5/20/2020	628	Erosion Control	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
506888	5/20/2020	628	Erosion Control	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
506889	5/20/2020	628	Erosion Control	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
514063	6/24/2020	628	Erosion Control	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
514064	6/24/2020	628	Erosion Control	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
514065	6/24/2020	628	Erosion Control	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
514332	6/25/2020	628	Erosion Control	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
514334	6/25/2020	628	Erosion Control	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
522459	8/5/2020	628	Erosion Control	200221		BOOTHE RD	200	2	MS4	Annual Paved Road Maintenance
522460	8/5/2020	628	Erosion Control	200221		BOOTHE RD	200	2	MS4	Annual Paved Road Maintenance
522461	8/5/2020	628	Erosion Control	200221		BOOTHE RD	200	2	MS4	Annual Paved Road Maintenance
522462	8/5/2020	628	Erosion Control	200221		BOOTHE RD	200	2	MS4	Annual Paved Road Maintenance
523391	8/11/2020	628	Erosion Control	100765		OLD MOBILE RD	100	2	MS4	Annual Paved Road Maintenance
523403	8/11/2020	628	Erosion Control	100765		OLD MOBILE RD	100	2	MS4	Annual Paved Road Maintenance
523405	8/11/2020	628	Erosion Control	100765		OLD MOBILE RD	100	2	MS4	Annual Paved Road Maintenance
523408	8/11/2020	628	Erosion Control	100765		OLD MOBILE RD	100	2	MS4	Annual Paved Road Maintenance
523410	8/11/2020	628	Erosion Control	100765		OLD MOBILE RD	100	2	MS4	Annual Paved Road Maintenance
527088	8/27/2020	628	Erosion Control	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
527089	8/27/2020	628	Erosion Control	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
527090	8/27/2020	628	Erosion Control	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
527091	8/27/2020	628	Erosion Control	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
527092	8/27/2020	628	Erosion Control	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
527150	8/27/2020	628	Erosion Control	202434		MAIN ST	200	2	MS4	Annual Paved Road Maintenance
527152	8/27/2020	628	Erosion Control	202434		MAIN ST	200	2	MS4	Annual Paved Road Maintenance
527153	8/27/2020	628	Erosion Control	202434		MAIN ST	200	2	MS4	Annual Paved Road Maintenance
527154	8/27/2020	628	Erosion Control	202434		MAIN ST	200	2	MS4	Annual Paved Road Maintenance
528517	9/2/2020	628	Erosion Control	201226		LIBERTY RD	200	2	MS4	Annual Paved Road Maintenance
528555	9/2/2020	628	Erosion Control	200143		BAY SHORE DR	200	2	MS4	Annual Paved Road Maintenance
528557	9/2/2020	628	Erosion Control	200143		BAY SHORE DR	200	2	MS4	Annual Paved Road Maintenance
530622	9/2/2020	628	Erosion Control	201226		LIBERTY RD	200	2	MS4	Annual Paved Road Maintenance
539713	10/15/2020	628	Erosion Control	200462	1	COUNTY RD 32	200	2	MS4	Annual Paved Road Maintenance
539716	10/15/2020	628	Erosion Control	200462	1	COUNTY RD 32	200	2	MS4	Annual Paved Road Maintenance
539717	10/15/2020	628	Erosion Control	200462	1	COUNTY RD 32	200	2	MS4	Annual Paved Road Maintenance
539725	10/15/2020	628	Erosion Control	200462	1	COUNTY RD 32	200	2	MS4	Annual Paved Road Maintenance
540972	10/22/2020	628	Erosion Control	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
540973	10/22/2020	628	Erosion Control	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
540981	10/22/2020	628	Erosion Control	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
540990	10/22/2020	628	Erosion Control	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
540991	10/22/2020	628	Erosion Control	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
545272	11/10/2020	628	Erosion Control	100765		OLD MOBILE RD	100	2	MS4	Annual Paved Road Maintenance
545273	11/10/2020	628	Erosion Control	100765		OLD MOBILE RD	100	2	MS4	Annual Paved Road Maintenance
545275	11/10/2020	628	Erosion Control	100765		OLD MOBILE RD	100	2	MS4	Annual Paved Road Maintenance
545278	11/10/2020	628	Erosion Control	100765		OLD MOBILE RD	100	2	MS4	Annual Paved Road Maintenance
545296	11/10/2020	628	Erosion Control	100765		OLD MOBILE RD	100	2	MS4	Annual Paved Road Maintenance
547889	11/24/2020	628	Erosion Control	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
547890	11/24/2020	628	Erosion Control	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
547891	11/24/2020	628	Erosion Control	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
547892	11/24/2020	628	Erosion Control	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
547893	11/24/2020	628	Erosion Control	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
547894	11/24/2020	628	Erosion Control	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
547895	11/24/2020	628	Erosion Control	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
547896	11/24/2020	628	Erosion Control	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
548691	12/1/2020	628	Erosion Control	200378		CHATEAU DR	200	2	MS4	Annual Paved Road Maintenance
548729	12/1/2020	628	Erosion Control	200378		CHATEAU DR	200	2	MS4	Annual Paved Road Maintenance
548888	12/1/2020	628	Erosion Control	200378		CHATEAU DR	200	2	MS4	Annual Paved Road Maintenance
551046	12/14/2020	628	Erosion Control	201408		MONTROSE WOODS DR	200	2	MS4	Annual Paved Road Maintenance
551047	12/14/2020	628	Erosion Control	201408		MONTROSE WOODS DR	200	2	MS4	Annual Paved Road Maintenance
551048	12/14/2020	628	Erosion Control	201408		MONTROSE WOODS DR	200	2	MS4	Annual Paved Road Maintenance
551403	12/14/2020	628	Erosion Control	201408		MONTROSE WOODS DR	200	2	MS4	Annual Paved Road Maintenance

Record Id	Date	Activity Id	Activity Desc	Road Id	Road Section	Road Name	Road District	Comm District	User Defined 4	Project Desc
551404	12/14/2020	628	Erosion Control	201408		MONTROSE WOODS DR	200	2	MS4	Annual Paved Road Maintenance
551409	12/14/2020	628	Erosion Control	201408		MONTROSE WOODS DR	200	2	MS4	Annual Paved Road Maintenance
555212	1/5/2021	628	Erosion Control	201451		NOBLEMAN DR	200	2	MS4	Annual Paved Road Maintenance
555214	1/5/2021	628	Erosion Control	201451		NOBLEMAN DR	200	2	MS4	Annual Paved Road Maintenance
555215	1/5/2021	628	Erosion Control	201451		NOBLEMAN DR	200	2	MS4	Annual Paved Road Maintenance
555216	1/5/2021	628	Erosion Control	201451		NOBLEMAN DR	200	2	MS4	Annual Paved Road Maintenance
556938	1/14/2021	628	Erosion Control	200087		AUSTIN RD	200	2	MS4	Annual Paved Road Maintenance
556939	1/14/2021	628	Erosion Control	200087		AUSTIN RD	200	2	MS4	Annual Paved Road Maintenance
556940	1/14/2021	628	Erosion Control	200087		AUSTIN RD	200	2	MS4	Annual Paved Road Maintenance
557529	1/19/2021	628	Erosion Control	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
557530	1/19/2021	628	Erosion Control	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
557531	1/19/2021	628	Erosion Control	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
557532	1/19/2021	628	Erosion Control	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
557533	1/19/2021	628	Erosion Control	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
557534	1/19/2021	628	Erosion Control	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
557535	1/19/2021	628	Erosion Control	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
557701	1/20/2021	628	Erosion Control	200138		BAY BRANCH DR	200	2	MS4	Annual Paved Road Maintenance
557712	1/20/2021	628	Erosion Control	200138		BAY BRANCH DR	200	2	MS4	Annual Paved Road Maintenance
557713	1/20/2021	628	Erosion Control	200138		BAY BRANCH DR	200	2	MS4	Annual Paved Road Maintenance
557714	1/20/2021	628	Erosion Control	200138		BAY BRANCH DR	200	2	MS4	Annual Paved Road Maintenance
557716	1/20/2021	628	Erosion Control	200138		BAY BRANCH DR	200	2	MS4	Annual Paved Road Maintenance
557717	1/20/2021	628	Erosion Control	200138		BAY BRANCH DR	200	2	MS4	Annual Paved Road Maintenance
558991	1/27/2021	628	Erosion Control	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
558993	1/27/2021	628	Erosion Control	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
558994	1/27/2021	628	Erosion Control	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
558996	1/27/2021	628	Erosion Control	200458	1	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
559001	1/27/2021	628	Erosion Control	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
559010	1/27/2021	628	Erosion Control	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
559011	1/27/2021	628	Erosion Control	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
559012	1/27/2021	628	Erosion Control	201861		SCENIC HWY 98	200	2	MS4	Annual Paved Road Maintenance
559836	1/29/2021	628	Erosion Control	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
559837	1/29/2021	628	Erosion Control	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
559838	1/29/2021	628	Erosion Control	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
559839	1/29/2021	628	Erosion Control	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
559840	1/29/2021	628	Erosion Control	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
559841	1/29/2021	628	Erosion Control	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
569956	1/29/2021	628	Erosion Control	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
561871	2/9/2021	628	Erosion Control	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
561875	2/9/2021	628	Erosion Control	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
561876	2/9/2021	628	Erosion Control	200463		COUNTY RD 33	200	2	MS4	Annual Paved Road Maintenance
562949	2/12/2021	628	Erosion Control	202433		BATTLES RD	200	2	MS4	Annual Paved Road Maintenance
562952	2/12/2021	628	Erosion Control	202433		BATTLES RD	200	2	MS4	Annual Paved Road Maintenance
562953	2/12/2021	628	Erosion Control	202433		BATTLES RD	200	2	MS4	Annual Paved Road Maintenance
562954	2/12/2021	628	Erosion Control	202433		BATTLES RD	200	2	MS4	Annual Paved Road Maintenance
562955	2/12/2021	628	Erosion Control	202433		BATTLES RD	200	2	MS4	Annual Paved Road Maintenance
562956	2/12/2021	628	Erosion Control	202433		BATTLES RD	200	2	MS4	Annual Paved Road Maintenance
562957	2/12/2021	628	Erosion Control	202433		BATTLES RD	200	2	MS4	Annual Paved Road Maintenance
562958	2/12/2021	628	Erosion Control	202433		BATTLES RD	200	2	MS4	Annual Paved Road Maintenance
562959	2/12/2021	628	Erosion Control	202433		BATTLES RD	200	2	MS4	Annual Paved Road Maintenance
566825	2/12/2021	628	Erosion Control	202433		BATTLES RD	200	2	MS4	Annual Paved Road Maintenance
566852	2/12/2021	628	Erosion Control	202433		BATTLES RD	200	2	MS4	Annual Paved Road Maintenance
566865	2/12/2021	628	Erosion Control	202433		BATTLES RD	200	2	MS4	Annual Paved Road Maintenance
569325	3/15/2021	628	Erosion Control	100174		BUZBEE RD	100	2	MS4	Annual Paved Road Maintenance
569326	3/15/2021	628	Erosion Control	100174		BUZBEE RD	100	2	MS4	Annual Paved Road Maintenance
569327	3/15/2021	628	Erosion Control	100174		BUZBEE RD	100	2	MS4	Annual Paved Road Maintenance
569328	3/15/2021	628	Erosion Control	100174		BUZBEE RD	100	2	MS4	Annual Paved Road Maintenance
569329	3/15/2021	628	Erosion Control	100174		BUZBEE RD	100	2	MS4	Annual Paved Road Maintenance
569330	3/15/2021	628	Erosion Control	100174		BUZBEE RD	100	2	MS4	Annual Paved Road Maintenance
543226	11/2/2020	628	Erosion Control	200486	1	COUNTY RD 64	200	2	MS4	Hurricane Sally Permanent Repairs
543230	11/2/2020	628	Erosion Control	200486	1	COUNTY RD 64	200	2	MS4	Hurricane Sally Permanent Repairs
543234	11/2/2020	628	Erosion Control	200486	1	COUNTY RD 64	200	2	MS4	Hurricane Sally Permanent Repairs
543235	11/2/2020	628	Erosion Control	200486	1	COUNTY RD 64	200	2	MS4	Hurricane Sally Permanent Repairs
538012	10/8/2020	309	Field Work - Other	202288		TWIN BEECH RD	200	2	MS4	Annual Paved Road Maintenance

Record Id	Date	Activity Id	Activity Desc	Road Id	Road Section	Road Name	Road District	Comm District	User Defined 4	Project Desc
538013	10/8/2020	309	Field Work - Other	202288		TWIN BEECH RD	200	2	MS4	Annual Paved Road Maintenance
538014	10/8/2020	309	Field Work - Other	202288		TWIN BEECH RD	200	2	MS4	Annual Paved Road Maintenance
538015	10/8/2020	309	Field Work - Other	202288		TWIN BEECH RD	200	2	MS4	Annual Paved Road Maintenance
538016	10/8/2020	309	Field Work - Other	202288		TWIN BEECH RD	200	2	MS4	Annual Paved Road Maintenance
538017	10/8/2020	309	Field Work - Other	202288		TWIN BEECH RD	200	2	MS4	Annual Paved Road Maintenance
555137	1/5/2021	309	Field Work - Other	202351	1	COUNTY RD 3	200	2	MS4	Annual Paved Road Maintenance
555140	1/5/2021	309	Field Work - Other	202351	1	COUNTY RD 3	200	2	MS4	Annual Paved Road Maintenance
555141	1/5/2021	309	Field Work - Other	202351	1	COUNTY RD 3	200	2	MS4	Annual Paved Road Maintenance
565158	2/25/2021	309	Field Work - Other	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
511426	6/11/2020	312	Low Shoulder Repair	202433		BATTLES RD	200	2	MS4	Annual Paved Road Maintenance
511429	6/11/2020	312	Low Shoulder Repair	202433		BATTLES RD	200	2	MS4	Annual Paved Road Maintenance
522450	8/5/2020	312	Low Shoulder Repair	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
522451	8/5/2020	312	Low Shoulder Repair	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
522452	8/5/2020	312	Low Shoulder Repair	200495	1	COUNTY RD 68	200	3	MS4	Annual Paved Road Maintenance
549976	12/8/2020	312	Low Shoulder Repair	202359	1	COUNTY RD 48	200	2	MS4	Annual Paved Road Maintenance
549977	12/8/2020	312	Low Shoulder Repair	202359	1	COUNTY RD 48	200	2	MS4	Annual Paved Road Maintenance
549978	12/8/2020	312	Low Shoulder Repair	202359	1	COUNTY RD 48	200	2	MS4	Annual Paved Road Maintenance
549979	12/8/2020	312	Low Shoulder Repair	202359	1	COUNTY RD 48	200	2	MS4	Annual Paved Road Maintenance
549984	12/8/2020	312	Low Shoulder Repair	201038		JACKSON CIR	200	2	MS4	Annual Paved Road Maintenance
549985	12/8/2020	312	Low Shoulder Repair	201038		JACKSON CIR	200	2	MS4	Annual Paved Road Maintenance
549986	12/8/2020	312	Low Shoulder Repair	201038		JACKSON CIR	200	2	MS4	Annual Paved Road Maintenance
549987	12/8/2020	312	Low Shoulder Repair	201038		JACKSON CIR	200	2	MS4	Annual Paved Road Maintenance
551679	12/16/2020	312	Low Shoulder Repair	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
551680	12/16/2020	312	Low Shoulder Repair	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
551681	12/16/2020	312	Low Shoulder Repair	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
551682	12/16/2020	312	Low Shoulder Repair	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
559117	12/16/2020	312	Low Shoulder Repair	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
553288	12/28/2020	312	Low Shoulder Repair	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
553289	12/28/2020	312	Low Shoulder Repair	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
553290	12/28/2020	312	Low Shoulder Repair	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
553293	12/28/2020	312	Low Shoulder Repair	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
553294	12/28/2020	312	Low Shoulder Repair	200479		COUNTY RD 54 W	200	2	MS4	Annual Paved Road Maintenance
553295	12/28/2020	312	Low Shoulder Repair	200479		COUNTY RD 54 W	200	2	MS4	Annual Paved Road Maintenance
563392	2/18/2021	312	Low Shoulder Repair	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
563395	2/18/2021	312	Low Shoulder Repair	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
563398	2/18/2021	312	Low Shoulder Repair	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
563410	2/18/2021	312	Low Shoulder Repair	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
563413	2/18/2021	312	Low Shoulder Repair	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
563422	2/18/2021	312	Low Shoulder Repair	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
563429	2/18/2021	312	Low Shoulder Repair	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
563725	2/19/2021	312	Low Shoulder Repair	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
563730	2/19/2021	312	Low Shoulder Repair	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
563731	2/19/2021	312	Low Shoulder Repair	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
563738	2/19/2021	312	Low Shoulder Repair	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
563739	2/19/2021	312	Low Shoulder Repair	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
563745	2/19/2021	312	Low Shoulder Repair	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
563751	2/19/2021	312	Low Shoulder Repair	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
567531	3/8/2021	312	Low Shoulder Repair	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
567534	3/8/2021	312	Low Shoulder Repair	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
567536	3/8/2021	312	Low Shoulder Repair	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
567538	3/8/2021	312	Low Shoulder Repair	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
574212	3/8/2021	312	Low Shoulder Repair	200795		GARRETT RD	200	2	MS4	Annual Paved Road Maintenance
523787	8/11/2020	436	Maintenance Striping	100762		OLD HIGHWAY 31	100	2	MS4	Annual Paved Road Maintenance
523796	8/11/2020	436	Maintenance Striping	200486	1	COUNTY RD 64	200	2	MS4	Annual Paved Road Maintenance
523800	8/11/2020	436	Maintenance Striping	100762		OLD HIGHWAY 31	100	2	MS4	Annual Paved Road Maintenance
523801	8/11/2020	436	Maintenance Striping	100762		OLD HIGHWAY 31	100	2	MS4	Annual Paved Road Maintenance
523802	8/11/2020	436	Maintenance Striping	100762		OLD HIGHWAY 31	100	2	MS4	Annual Paved Road Maintenance
523812	8/11/2020	436	Maintenance Striping	200486	1	COUNTY RD 64	200	2	MS4	Annual Paved Road Maintenance
523814	8/11/2020	436	Maintenance Striping	200486	1	COUNTY RD 64	200	2	MS4	Annual Paved Road Maintenance
523815	8/11/2020	436	Maintenance Striping	200486	1	COUNTY RD 64	200	2	MS4	Annual Paved Road Maintenance
526710	8/26/2020	436	Maintenance Striping	100825		PLAZA DE TOROS DR	100	2	MS4	Annual Paved Road Maintenance
526711	8/26/2020	436	Maintenance Striping	100825		PLAZA DE TOROS DR	100	2	MS4	Annual Paved Road Maintenance
526712	8/26/2020	436	Maintenance Striping	100825		PLAZA DE TOROS DR	100	2	MS4	Annual Paved Road Maintenance

Record Id	Date	Activity Id	Activity Desc	Road Id	Road Section	Road Name	Road District	Comm District	User Defined 4	Project Desc
539258	10/12/2020	436	Maintenance Striping	200458	4	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
539260	10/12/2020	436	Maintenance Striping	200458	4	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
539262	10/12/2020	436	Maintenance Striping	200458	4	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
549052	12/2/2020	436	Maintenance Striping	200472	2	COUNTY RD 49	200	3	MS4	Annual Paved Road Maintenance
549053	12/2/2020	436	Maintenance Striping	200472	2	COUNTY RD 49	200	3	MS4	Annual Paved Road Maintenance
549054	12/2/2020	436	Maintenance Striping	200472	2	COUNTY RD 49	200	3	MS4	Annual Paved Road Maintenance
549055	12/2/2020	436	Maintenance Striping	200472	2	COUNTY RD 49	200	3	MS4	Annual Paved Road Maintenance
549056	12/2/2020	436	Maintenance Striping	200472	2	COUNTY RD 49	200	3	MS4	Annual Paved Road Maintenance
549057	12/2/2020	436	Maintenance Striping	200472	2	COUNTY RD 49	200	3	MS4	Annual Paved Road Maintenance
528629	9/2/2020	307	Paving / Resurfacing - Other	201226		LIBERTY RD	200	2	MS4	Annual Miscellaneous Work
528646	9/2/2020	307	Paving / Resurfacing - Other	201226		LIBERTY RD	200	2	MS4	Annual Miscellaneous Work
528647	9/2/2020	307	Paving / Resurfacing - Other	201226		LIBERTY RD	200	2	MS4	Annual Miscellaneous Work
528649	9/2/2020	307	Paving / Resurfacing - Other	201226		LIBERTY RD	200	2	MS4	Annual Miscellaneous Work
522065	8/4/2020	430	Resurfacing	200143		BAY SHORE DR	200	2	MS4	Annual Paved Road Maintenance
522069	8/4/2020	430	Resurfacing	200143		BAY SHORE DR	200	2	MS4	Annual Paved Road Maintenance
522073	8/4/2020	430	Resurfacing	200143		BAY SHORE DR	200	2	MS4	Annual Paved Road Maintenance
522077	8/4/2020	430	Resurfacing	200143		BAY SHORE DR	200	2	MS4	Annual Paved Road Maintenance
522079	8/4/2020	430	Resurfacing	200143		BAY SHORE DR	200	2	MS4	Annual Paved Road Maintenance
522080	8/4/2020	430	Resurfacing	200143		BAY SHORE DR	200	2	MS4	Annual Paved Road Maintenance
522085	8/4/2020	430	Resurfacing	200143		BAY SHORE DR	200	2	MS4	Annual Paved Road Maintenance
522086	8/4/2020	430	Resurfacing	200143		BAY SHORE DR	200	2	MS4	Annual Paved Road Maintenance
522230	8/4/2020	430	Resurfacing	200143		BAY SHORE DR	200	2	MS4	Annual Paved Road Maintenance
522231	8/4/2020	430	Resurfacing	200143		BAY SHORE DR	200	2	MS4	Annual Paved Road Maintenance
522232	8/4/2020	430	Resurfacing	200143		BAY SHORE DR	200	2	MS4	Annual Paved Road Maintenance
523271	8/4/2020	430	Resurfacing	200143		BAY SHORE DR	200	2	MS4	Annual Paved Road Maintenance
522229	8/4/2020	465	Resurfacing / Striping Prep	200143		BAY SHORE DR	200	2	MS4	Annual Paved Road Maintenance
539246	10/12/2020	465	Resurfacing / Striping Prep	200458	4	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
539253	10/12/2020	465	Resurfacing / Striping Prep	200458	4	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
539255	10/12/2020	465	Resurfacing / Striping Prep	200458	4	COUNTY RD 13	200	2	MS4	Annual Paved Road Maintenance
510959	6/8/2020	538	Road/Sign Inspection	100111		BLAKELEY FOREST BLVD	100	2	MS4	Annual Paved Road Maintenance
501690	4/27/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
501691	4/27/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
501692	4/27/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
501693	4/27/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
501694	4/27/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
501695	4/27/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
501696	4/27/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
501699	4/27/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
501700	4/27/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
501705	4/27/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
501918	4/28/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
501924	4/28/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
501925	4/28/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
501928	4/28/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
501929	4/28/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
501932	4/28/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
501933	4/28/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
501937	4/28/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
501938	4/28/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
502427	4/30/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
502428	4/30/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
526904	8/27/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
526905	8/27/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
526906	8/27/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
526907	8/27/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
526908	8/27/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
526913	8/27/2020	464	Strip Patching	200481	2	COUNTY RD 55	300	3	MS4	Annual Paved Road Maintenance
556936	1/14/2021	464	Strip Patching	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
556937	1/14/2021	464	Strip Patching	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
557283	1/14/2021	464	Strip Patching	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
557286	1/14/2021	464	Strip Patching	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
557287	1/14/2021	464	Strip Patching	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
557288	1/14/2021	464	Strip Patching	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance

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557312	1/14/2021	464	Strip Patching	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
557313	1/14/2021	464	Strip Patching	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
559147	1/14/2021	464	Strip Patching	201256		LOXLEY HEIGHTS RD W	200	3	MS4	Annual Paved Road Maintenance
569491	3/12/2021	464	Strip Patching	200462	1	COUNTY RD 32	200	2	MS4	Annual Paved Road Maintenance
569492	3/12/2021	464	Strip Patching	200462	1	COUNTY RD 32	200	2	MS4	Annual Paved Road Maintenance
569499	3/12/2021	464	Strip Patching	200462	1	COUNTY RD 32	200	2	MS4	Annual Paved Road Maintenance
569502	3/12/2021	464	Strip Patching	200462	1	COUNTY RD 32	200	2	MS4	Annual Paved Road Maintenance
569503	3/12/2021	464	Strip Patching	200462	1	COUNTY RD 32	200	2	MS4	Annual Paved Road Maintenance
569504	3/12/2021	464	Strip Patching	200462	1	COUNTY RD 32	200	2	MS4	Annual Paved Road Maintenance
518591	7/16/2020	304	Thermoplastic Application	200491		COUNTY RD 66 N	200	3	MS4	Annual Paved Road Maintenance
518592	7/16/2020	304	Thermoplastic Application	200491		COUNTY RD 66 N	200	3	MS4	Annual Paved Road Maintenance
519863	7/23/2020	304	Thermoplastic Application	200167		BELFOREST CEMETERY RD	200	2	MS4	Annual Paved Road Maintenance
519865	7/23/2020	304	Thermoplastic Application	200167		BELFOREST CEMETERY RD	200	2	MS4	Annual Paved Road Maintenance
523026	7/23/2020	304	Thermoplastic Application	200167		BELFOREST CEMETERY RD	200	2	MS4	Annual Paved Road Maintenance
536596	10/1/2020	304	Thermoplastic Application	202288		TWIN BEECH RD	200	2	MS4	Annual Paved Road Maintenance
536597	10/1/2020	304	Thermoplastic Application	202288		TWIN BEECH RD	200	2	MS4	Annual Paved Road Maintenance
536598	10/1/2020	304	Thermoplastic Application	202288		TWIN BEECH RD	200	2	MS4	Annual Paved Road Maintenance
536599	10/1/2020	304	Thermoplastic Application	202433		BATTLES RD	200	2	MS4	Annual Paved Road Maintenance
536600	10/1/2020	304	Thermoplastic Application	202433		BATTLES RD	200	2	MS4	Annual Paved Road Maintenance
536601	10/1/2020	304	Thermoplastic Application	202433		BATTLES RD	200	2	MS4	Annual Paved Road Maintenance

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509708	6/1/2020	551	CE&I Contract Projects	200922		HEARD RD	200	2	MS4	Widen & Resurface Heard Rd from Twin Beech Rd to Nelson Dr (
511308	6/2/2020	430	Resurfacing	200922		HEARD RD	200	2	MS4	Widen & Resurface Heard Rd from Twin Beech Rd to Nelson Dr (
511309	6/2/2020	430	Resurfacing	200922		HEARD RD	200	2	MS4	Widen & Resurface Heard Rd from Twin Beech Rd to Nelson Dr (
509715	6/2/2020	551	CE&I Contract Projects	200922		HEARD RD	200	2	MS4	Widen & Resurface Heard Rd from Twin Beech Rd to Nelson Dr (
509428	6/3/2020	306	Construction Signs	200922		HEARD RD	200	2	MS4	Widen & Resurface Heard Rd from Twin Beech Rd to Nelson Dr (
509429	6/3/2020	306	Construction Signs	200922		HEARD RD	200	2	MS4	Widen & Resurface Heard Rd from Twin Beech Rd to Nelson Dr (
514396	6/11/2020	430	Resurfacing	200922		HEARD RD	200	2	MS4	Widen & Resurface Heard Rd from Twin Beech Rd to Nelson Dr (
514397	6/11/2020	430	Resurfacing	200922		HEARD RD	200	2	MS4	Widen & Resurface Heard Rd from Twin Beech Rd to Nelson Dr (
511514	6/11/2020	551	CE&I Contract Projects	200922		HEARD RD	200	2	MS4	Widen & Resurface Heard Rd from Twin Beech Rd to Nelson Dr (
511774	6/11/2020	551	CE&I Contract Projects	200922		HEARD RD	200	2	MS4	Widen & Resurface Heard Rd from Twin Beech Rd to Nelson Dr (
513342	6/22/2020	628	Erosion Control	200922		HEARD RD	200	2	MS4	Widen & Resurface Heard Rd from Twin Beech Rd to Nelson Dr (
513345	6/22/2020	628	Erosion Control	200922		HEARD RD	200	2	MS4	Widen & Resurface Heard Rd from Twin Beech Rd to Nelson Dr (
513341	6/22/2020	690	Traffic Control	200922		HEARD RD	200	2	MS4	Widen & Resurface Heard Rd from Twin Beech Rd to Nelson Dr (
513343	6/22/2020	690	Traffic Control	200922		HEARD RD	200	2	MS4	Widen & Resurface Heard Rd from Twin Beech Rd to Nelson Dr (
513344	6/22/2020	690	Traffic Control	200922		HEARD RD	200	2	MS4	Widen & Resurface Heard Rd from Twin Beech Rd to Nelson Dr (
513759	6/23/2020	628	Erosion Control	200922		HEARD RD	200	2	MS4	Widen & Resurface Heard Rd from Twin Beech Rd to Nelson Dr (
513765	6/23/2020	628	Erosion Control	200922		HEARD RD	200	2	MS4	Widen & Resurface Heard Rd from Twin Beech Rd to Nelson Dr (
513756	6/23/2020	690	Traffic Control	200922		HEARD RD	200	2	MS4	Widen & Resurface Heard Rd from Twin Beech Rd to Nelson Dr (
513758	6/23/2020	690	Traffic Control	200922		HEARD RD	200	2	MS4	Widen & Resurface Heard Rd from Twin Beech Rd to Nelson Dr (
518616	7/16/2020	306	Construction Signs	200922		HEARD RD	200	2	MS4	Widen & Resurface Heard Rd from Twin Beech Rd to Nelson Dr (
518617	7/16/2020	306	Construction Signs	200922		HEARD RD	200	2	MS4	Widen & Resurface Heard Rd from Twin Beech Rd to Nelson Dr (
517936	7/16/2020	551	CE&I Contract Projects	200922		HEARD RD	200	2	MS4	Widen & Resurface Heard Rd from Twin Beech Rd to Nelson Dr (
544909	9/30/2020	551	CE&I Contract Projects	200922		HEARD RD	200	2	MS4	Widen & Resurface Heard Rd from Twin Beech Rd to Nelson Dr (
508920	6/1/2020	465	Resurfacing / Striping Prep	201226		LIBERTY RD	200	2	MS4	Resurface Liberty Rd from Nelson Dr to end of maintenance (F
508921	6/1/2020	465	Resurfacing / Striping Prep	201226		LIBERTY RD	200	2	MS4	Resurface Liberty Rd from Nelson Dr to end of maintenance (F
509682	6/1/2020	551	CE&I Contract Projects	201226		LIBERTY RD	200	2	MS4	Resurface Liberty Rd from Nelson Dr to end of maintenance (F
509164	6/2/2020	306	Construction Signs	201226		LIBERTY RD	200	2	MS4	Resurface Liberty Rd from Nelson Dr to end of maintenance (F
509167	6/2/2020	306	Construction Signs	201226		LIBERTY RD	200	2	MS4	Resurface Liberty Rd from Nelson Dr to end of maintenance (F
509738	6/3/2020	551	CE&I Contract Projects	201226		LIBERTY RD	200	2	MS4	Resurface Liberty Rd from Nelson Dr to end of maintenance (F
512426	6/10/2020	430	Resurfacing	201226		LIBERTY RD	200	2	MS4	Resurface Liberty Rd from Nelson Dr to end of maintenance (F
512427	6/10/2020	430	Resurfacing	201226		LIBERTY RD	200	2	MS4	Resurface Liberty Rd from Nelson Dr to end of maintenance (F
511771	6/10/2020	551	CE&I Contract Projects	201226		LIBERTY RD	200	2	MS4	Resurface Liberty Rd from Nelson Dr to end of maintenance (F
511995	6/16/2020	551	CE&I Contract Projects	201226		LIBERTY RD	200	2	MS4	Resurface Liberty Rd from Nelson Dr to end of maintenance (F
518622	7/16/2020	306	Construction Signs	201226		LIBERTY RD	200	2	MS4	Resurface Liberty Rd from Nelson Dr to end of maintenance (F
518623	7/16/2020	306	Construction Signs	201226		LIBERTY RD	200	2	MS4	Resurface Liberty Rd from Nelson Dr to end of maintenance (F
517934	7/16/2020	551	CE&I Contract Projects	201226		LIBERTY RD	200	2	MS4	Resurface Liberty Rd from Nelson Dr to end of maintenance (F
544907	9/30/2020	551	CE&I Contract Projects	201226		LIBERTY RD	200	2	MS4	Resurface Liberty Rd from Nelson Dr to end of maintenance (F
508922	6/1/2020	465	Resurfacing / Striping Prep	202301		NELSON DR	200	2	MS4	Resurface Nelson Dr from Scenic 98 to end of maintenance (FY
508924	6/1/2020	465	Resurfacing / Striping Prep	202301		NELSON DR	200	2	MS4	Resurface Nelson Dr from Scenic 98 to end of maintenance (FY
509426	6/3/2020	306	Construction Signs	202301		NELSON DR	200	2	MS4	Resurface Nelson Dr from Scenic 98 to end of maintenance (FY
509427	6/3/2020	306	Construction Signs	202301		NELSON DR	200	2	MS4	Resurface Nelson Dr from Scenic 98 to end of maintenance (FY
512432	6/10/2020	430	Resurfacing	202301		NELSON DR	200	2	MS4	Resurface Nelson Dr from Scenic 98 to end of maintenance (FY
512433	6/10/2020	430	Resurfacing	202301		NELSON DR	200	2	MS4	Resurface Nelson Dr from Scenic 98 to end of maintenance (FY
511772	6/10/2020	551	CE&I Contract Projects	202301		NELSON DR	200	2	MS4	Resurface Nelson Dr from Scenic 98 to end of maintenance (FY
514394	6/11/2020	430	Resurfacing	202301		NELSON DR	200	2	MS4	Resurface Nelson Dr from Scenic 98 to end of maintenance (FY
514395	6/11/2020	430	Resurfacing	202301		NELSON DR	200	2	MS4	Resurface Nelson Dr from Scenic 98 to end of maintenance (FY
511773	6/11/2020	551	CE&I Contract Projects	202301		NELSON DR	200	2	MS4	Resurface Nelson Dr from Scenic 98 to end of maintenance (FY
518620	7/16/2020	306	Construction Signs	202301		NELSON DR	200	2	MS4	Resurface Nelson Dr from Scenic 98 to end of maintenance (FY
518621	7/16/2020	306	Construction Signs	202301		NELSON DR	200	2	MS4	Resurface Nelson Dr from Scenic 98 to end of maintenance (FY
517935	7/16/2020	551	CE&I Contract Projects	202301		NELSON DR	200	2	MS4	Resurface Nelson Dr from Scenic 98 to end of maintenance (FY
544908	9/30/2020	551	CE&I Contract Projects	202301		NELSON DR	200	2	MS4	Resurface Nelson Dr from Scenic 98 to end of maintenance (FY
521423	7/23/2020	523	Admin / Project Mgt	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
525127	8/18/2020	306	Construction Signs	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
525122	8/18/2020	420	Asphalt Patching	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
525124	8/18/2020	420	Asphalt Patching	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
525125	8/18/2020	420	Asphalt Patching	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
525126	8/18/2020	690	Traffic Control	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
525128	8/18/2020	690	Traffic Control	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
525914	8/21/2020	465	Resurfacing / Striping Prep	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
525915	8/21/2020	465	Resurfacing / Striping Prep	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
526567	8/25/2020	690	Traffic Control	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
526568	8/25/2020	690	Traffic Control	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
526751	8/26/2020	420	Asphalt Patching	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
526752	8/26/2020	420	Asphalt Patching	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
526753	8/26/2020	420	Asphalt Patching	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group

Record Id	Date	Activity Id	Activity Desc	Road Id	Road Section	Road Name	Road District	Comm District	User Defined 4	Project Desc
526754	8/26/2020	420	Asphalt Patching	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
526755	8/26/2020	420	Asphalt Patching	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
526816	8/26/2020	420	Asphalt Patching	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
526817	8/26/2020	420	Asphalt Patching	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
526818	8/26/2020	420	Asphalt Patching	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
526819	8/26/2020	420	Asphalt Patching	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
526820	8/26/2020	420	Asphalt Patching	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
526821	8/26/2020	420	Asphalt Patching	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
526756	8/26/2020	690	Traffic Control	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
526757	8/26/2020	690	Traffic Control	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
527916	8/27/2020	551	CE&I Contract Projects	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
527917	8/28/2020	551	CE&I Contract Projects	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
529126	9/1/2020	430	Resurfacing	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
529127	9/1/2020	430	Resurfacing	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
528767	9/1/2020	551	CE&I Contract Projects	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
528692	9/2/2020	305	Construction Striping	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
528693	9/2/2020	305	Construction Striping	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
528694	9/2/2020	305	Construction Striping	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
529305	9/2/2020	430	Resurfacing	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
529306	9/2/2020	430	Resurfacing	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
528768	9/2/2020	551	CE&I Contract Projects	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
529035	9/3/2020	304	Thermoplastic Application	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
529055	9/3/2020	304	Thermoplastic Application	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
529063	9/3/2020	304	Thermoplastic Application	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
529064	9/3/2020	304	Thermoplastic Application	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
529054	9/3/2020	305	Construction Striping	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
529060	9/3/2020	305	Construction Striping	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
529061	9/3/2020	305	Construction Striping	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
529062	9/3/2020	305	Construction Striping	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
529348	9/3/2020	430	Resurfacing	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
529349	9/3/2020	430	Resurfacing	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
528769	9/3/2020	551	CE&I Contract Projects	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
542193	9/30/2020	551	CE&I Contract Projects	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
545405	11/10/2020	306	Construction Signs	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
545407	11/10/2020	306	Construction Signs	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
548974	12/1/2020	305	Construction Striping	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
548975	12/1/2020	305	Construction Striping	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
548976	12/1/2020	305	Construction Striping	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
549049	12/2/2020	305	Construction Striping	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
549050	12/2/2020	305	Construction Striping	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
549051	12/2/2020	305	Construction Striping	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
550670	12/10/2020	628	Erosion Control	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
550671	12/10/2020	628	Erosion Control	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
550672	12/10/2020	628	Erosion Control	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
551082	12/14/2020	628	Erosion Control	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
551083	12/14/2020	628	Erosion Control	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
551084	12/14/2020	628	Erosion Control	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
551080	12/14/2020	690	Traffic Control	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
551081	12/14/2020	690	Traffic Control	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
551452	12/15/2020	628	Erosion Control	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
551453	12/15/2020	628	Erosion Control	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
551454	12/15/2020	628	Erosion Control	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
551449	12/15/2020	690	Traffic Control	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
551450	12/15/2020	690	Traffic Control	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
551451	12/15/2020	690	Traffic Control	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group
566327	12/20/2020	551	CE&I Contract Projects	200461		SECTION ST	200	2	MS4	Resurface Section St from CR 32 to Twin Beech Rd (FY20 Group

Total Rds: 4

Record Id	Date	Activity Id	Activity Desc	Road Id	Road Section	Road Name	Road District	Comm District	User Defined 4	Project Id	Project Desc
508368	5/28/2020	606	Blade Road	200879		HADLEY LN	200	3	MS4	0201120	Annual Dirt Road Maintenance
514018	6/2/2020	225	Traffic Study	200879		HADLEY LN	200	3	MS4	0201120	Annual Dirt Road Maintenance
514042	6/5/2020	225	Traffic Study	202163		WASP LN	200	2	MS4	0201120	Annual Dirt Road Maintenance
540384	10/20/2020	547	Brush & Tree Cut	202163		WASP LN	200	2	MS4	HW21108000	Annual Dirt Road Maintenance
540385	10/20/2020	547	Brush & Tree Cut	202163		WASP LN	200	2	MS4	HW21108000	Annual Dirt Road Maintenance
540381	10/20/2020	690	Traffic Control	202163		WASP LN	200	2	MS4	HW21108000	Annual Dirt Road Maintenance
540382	10/20/2020	690	Traffic Control	202163		WASP LN	200	2	MS4	HW21108000	Annual Dirt Road Maintenance
540383	10/20/2020	690	Traffic Control	202163		WASP LN	200	2	MS4	HW21108000	Annual Dirt Road Maintenance
540698	10/21/2020	547	Brush & Tree Cut	202163		WASP LN	200	2	MS4	HW21108000	Annual Dirt Road Maintenance
540705	10/21/2020	547	Brush & Tree Cut	202163		WASP LN	200	2	MS4	HW21108000	Annual Dirt Road Maintenance
540706	10/21/2020	547	Brush & Tree Cut	202163		WASP LN	200	2	MS4	HW21108000	Annual Dirt Road Maintenance
540707	10/21/2020	547	Brush & Tree Cut	202163		WASP LN	200	2	MS4	HW21108000	Annual Dirt Road Maintenance
542610	10/29/2020	547	Brush & Tree Cut	202163		WASP LN	200	2	MS4	HW21108000	Annual Dirt Road Maintenance
542611	10/29/2020	547	Brush & Tree Cut	202163		WASP LN	200	2	MS4	HW21108000	Annual Dirt Road Maintenance
542614	10/29/2020	547	Brush & Tree Cut	202163		WASP LN	200	2	MS4	HW21108000	Annual Dirt Road Maintenance
545496	10/29/2020	547	Brush & Tree Cut	202163		WASP LN	200	2	MS4	HW21108000	Annual Dirt Road Maintenance
545504	10/29/2020	547	Brush & Tree Cut	202163		WASP LN	200	2	MS4	HW21108000	Annual Dirt Road Maintenance
555190	1/5/2021	606	Blade Road	202163		WASP LN	200	2	MS4	HW21108000	Annual Dirt Road Maintenance
555194	1/5/2021	613	Graveling Dirt Ro	202163		WASP LN	200	2	MS4	HW21108000	Annual Dirt Road Maintenance
555196	1/5/2021	613	Graveling Dirt Ro	202163		WASP LN	200	2	MS4	HW21108000	Annual Dirt Road Maintenance
555197	1/5/2021	613	Graveling Dirt Ro	202163		WASP LN	200	2	MS4	HW21108000	Annual Dirt Road Maintenance
					Total Rds:	**2**					

Record Id	Date	Activity Id	Activity Desc	Road Name	Workorder Id	Road District	Comm District	MS4
551182	12/14/2020	617	Clean/Repair Drain Structure	BUZBEE RD	0	100	2	MS4
551185	12/14/2020	617	Clean/Repair Drain Structure	BUZBEE RD	0	100	2	MS4
551186	12/14/2020	617	Clean/Repair Drain Structure	BUZBEE RD	0	100	2	MS4
551188	12/14/2020	617	Clean/Repair Drain Structure	BUZBEE RD	0	100	2	MS4
551190	12/14/2020	617	Clean/Repair Drain Structure	BUZBEE RD	0	100	2	MS4
548038	11/25/2020	617	Clean/Repair Drain Structure	CHATEAU DR	46,434	200	2	MS4
548039	11/25/2020	617	Clean/Repair Drain Structure	CHATEAU DR	46,434	200	2	MS4
548040	11/25/2020	617	Clean/Repair Drain Structure	CHATEAU DR	46,434	200	2	MS4
548041	11/25/2020	617	Clean/Repair Drain Structure	CHATEAU DR	46,434	200	2	MS4
548042	11/25/2020	617	Clean/Repair Drain Structure	CHATEAU DR	46,434	200	2	MS4
548043	11/25/2020	617	Clean/Repair Drain Structure	CHATEAU DR	46,434	200	2	MS4
548044	11/25/2020	617	Clean/Repair Drain Structure	CHATEAU DR	46,434	200	2	MS4
548045	11/25/2020	617	Clean/Repair Drain Structure	CHATEAU DR	46,434	200	2	MS4
548046	11/25/2020	617	Clean/Repair Drain Structure	CHATEAU DR	46,434	200	2	MS4
539718	10/15/2020	617	Clean/Repair Drain Structure	CONFEDERATE REST RD	47,326	200	2	MS4
539719	10/15/2020	617	Clean/Repair Drain Structure	CONFEDERATE REST RD	47,326	200	2	MS4
539720	10/15/2020	617	Clean/Repair Drain Structure	CONFEDERATE REST RD	47,326	200	2	MS4
539723	10/15/2020	617	Clean/Repair Drain Structure	CONFEDERATE REST RD	47,326	200	2	MS4
539724	10/15/2020	617	Clean/Repair Drain Structure	CONFEDERATE REST RD	47,326	200	2	MS4
550692	12/10/2020	617	Clean/Repair Drain Structure	COUNTY RD 13	47,324	200	2	MS4
550693	12/10/2020	617	Clean/Repair Drain Structure	COUNTY RD 13	47,324	200	2	MS4
550696	12/10/2020	617	Clean/Repair Drain Structure	COUNTY RD 13	47,324	200	2	MS4
506436	5/19/2020	617	Clean/Repair Drain Structure	COUNTY RD 68	45,978	200	3	MS4
506444	5/19/2020	617	Clean/Repair Drain Structure	COUNTY RD 68	45,978	200	3	MS4
506445	5/19/2020	617	Clean/Repair Drain Structure	COUNTY RD 68	45,978	200	3	MS4
506446	5/19/2020	617	Clean/Repair Drain Structure	COUNTY RD 68	45,978	200	3	MS4
562706	2/11/2021	617	Clean/Repair Drain Structure	OLD HIGHWAY 31	48,381	100	2	MS4
562707	2/11/2021	617	Clean/Repair Drain Structure	OLD HIGHWAY 31	48,381	100	2	MS4
520579	7/29/2020	617	Clean/Repair Drain Structure	PLEASANT RD	46,751	200	2	MS4
520583	7/29/2020	617	Clean/Repair Drain Structure	PLEASANT RD	46,751	200	2	MS4
520584	7/29/2020	617	Clean/Repair Drain Structure	PLEASANT RD	46,751	200	2	MS4
548047	11/25/2020	617	Clean/Repair Drain Structure	POLO RIDGE BLVD	45,431	200	2	MS4
548048	11/25/2020	617	Clean/Repair Drain Structure	POLO RIDGE BLVD	45,431	200	2	MS4
548050	11/25/2020	617	Clean/Repair Drain Structure	POLO RIDGE BLVD	45,431	200	2	MS4
548051	11/25/2020	617	Clean/Repair Drain Structure	POLO RIDGE BLVD	45,431	200	2	MS4
548052	11/25/2020	617	Clean/Repair Drain Structure	POLO RIDGE BLVD	45,431	200	2	MS4
548053	11/25/2020	617	Clean/Repair Drain Structure	POLO RIDGE BLVD	45,431	200	2	MS4
548054	11/25/2020	617	Clean/Repair Drain Structure	POLO RIDGE BLVD	45,431	200	2	MS4
548055	11/25/2020	617	Clean/Repair Drain Structure	POLO RIDGE BLVD	45,431	200	2	MS4
548056	11/25/2020	617	Clean/Repair Drain Structure	POLO RIDGE BLVD	45,431	200	2	MS4
562108	2/10/2021	617	Clean/Repair Drain Structure	ROBBINS BLVD	48,486	200	2	MS4
562109	2/10/2021	617	Clean/Repair Drain Structure	ROBBINS BLVD	48,486	200	2	MS4
562110	2/10/2021	617	Clean/Repair Drain Structure	ROBBINS BLVD	48,486	200	2	MS4
562111	2/10/2021	617	Clean/Repair Drain Structure	ROBBINS BLVD	48,486	200	2	MS4
563230	2/17/2021	617	Clean/Repair Drain Structure	SADDLE WOOD LN	48,431	200	2	MS4
563231	2/17/2021	617	Clean/Repair Drain Structure	SADDLE WOOD LN	48,431	200	2	MS4
563234	2/17/2021	617	Clean/Repair Drain Structure	SADDLE WOOD LN	48,431	200	2	MS4
511416	6/11/2020	617	Clean/Repair Drain Structure	SCENIC HWY 98	45,484	200	2	MS4
517481	7/14/2020	617	Clean/Repair Drain Structure	SCENIC HWY 98	46,075	200	2	MS4
517482	7/14/2020	617	Clean/Repair Drain Structure	SCENIC HWY 98	46,075	200	2	MS4
520569	7/29/2020	617	Clean/Repair Drain Structure	SIBLEY CIR	46,745	200	2	MS4
520577	7/29/2020	617	Clean/Repair Drain Structure	SIBLEY CIR	46,745	200	2	MS4
520578	7/29/2020	617	Clean/Repair Drain Structure	SIBLEY CIR	46,745	200	2	MS4
546294	11/17/2020	617	Clean/Repair Drain Structure	THREE MILE CREEK RD	47,095	200	2	MS4
546297	11/17/2020	617	Clean/Repair Drain Structure	THREE MILE CREEK RD	47,095	200	2	MS4
546298	11/17/2020	617	Clean/Repair Drain Structure	THREE MILE CREEK RD	47,095	200	2	MS4
546299	11/17/2020	617	Clean/Repair Drain Structure	THREE MILE CREEK RD	47,095	200	2	MS4
510849	6/9/2020	467	Cross Drain Pipe Work	BOARDWALK DR	45,707	100	1	MS4
510900	6/9/2020	467	Cross Drain Pipe Work	BOARDWALK DR	45,707	100	1	MS4
510908	6/9/2020	467	Cross Drain Pipe Work	BOARDWALK DR	45,707	100	1	MS4

502991	5/4/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,843 200	2	MS4
502993	5/4/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,843 200	2	MS4
502994	5/4/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,843 200	2	MS4
502995	5/4/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,843 200	2	MS4
503042	5/4/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,975 200	2	MS4
503044	5/4/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,975 200	2	MS4
503045	5/4/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,975 200	2	MS4
505713	5/14/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,842 200	2	MS4
505718	5/14/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,842 200	2	MS4
505719	5/14/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,842 200	2	MS4
505720	5/14/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,842 200	2	MS4
505721	5/14/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,842 200	2	MS4
506886	5/20/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,842 200	2	MS4
506891	5/20/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,842 200	2	MS4
506892	5/20/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,842 200	2	MS4
506893	5/20/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,842 200	2	MS4
506895	5/20/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,842 200	2	MS4
506898	5/20/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,842 200	2	MS4
506899	5/20/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,842 200	2	MS4
506901	5/20/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,842 200	2	MS4
506903	5/20/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,842 200	2	MS4
506904	5/20/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,842 200	2	MS4
506907	5/20/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,842 200	2	MS4
506908	5/20/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,842 200	2	MS4
506909	5/20/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,842 200	2	MS4
506910	5/20/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,842 200	2	MS4
510865	6/9/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,842 200	2	MS4
510867	6/9/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,842 200	2	MS4
510868	6/9/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,842 200	2	MS4
510869	6/9/2020 467	Cross Drain Pipe Work	COUNTY RD 13	45,842 200	2	MS4
499123	4/14/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499124	4/14/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499125	4/14/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499126	4/14/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499127	4/14/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499128	4/14/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499130	4/14/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499131	4/14/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499132	4/14/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499133	4/14/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499414	4/15/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499415	4/15/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499416	4/15/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499417	4/15/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499418	4/15/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499419	4/15/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499420	4/15/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499421	4/15/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499422	4/15/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499423	4/15/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499424	4/15/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499425	4/15/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499426	4/15/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499427	4/15/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499428	4/15/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499429	4/15/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499430	4/15/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499431	4/15/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499432	4/15/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499627	4/16/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499628	4/16/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499629	4/16/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4

499630	4/16/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499631	4/16/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499632	4/16/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499633	4/16/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499634	4/16/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499635	4/16/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499636	4/16/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499637	4/16/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499638	4/16/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499639	4/16/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499640	4/16/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499641	4/16/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
499643	4/16/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
506020	4/16/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500022	4/20/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500023	4/20/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500024	4/20/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500025	4/20/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500026	4/20/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500027	4/20/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500028	4/20/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500029	4/20/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500030	4/20/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500031	4/20/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500032	4/20/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500033	4/20/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500034	4/20/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500035	4/20/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500036	4/20/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500037	4/20/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500038	4/20/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500230	4/21/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500231	4/21/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500232	4/21/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500233	4/21/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500234	4/21/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500235	4/21/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500236	4/21/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500237	4/21/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500238	4/21/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500239	4/21/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500240	4/21/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500241	4/21/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500242	4/21/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500243	4/21/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500244	4/21/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500245	4/21/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500246	4/21/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500247	4/21/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500566	4/22/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500567	4/22/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500568	4/22/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500569	4/22/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500571	4/22/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500573	4/22/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500574	4/22/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500575	4/22/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500581	4/22/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500584	4/22/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500592	4/22/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500593	4/22/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500595	4/22/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4

500598	4/22/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500599	4/22/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500601	4/22/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500603	4/22/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
500872	4/23/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
501246	4/24/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
501247	4/24/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
501248	4/24/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
501249	4/24/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
501250	4/24/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
501252	4/24/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
501253	4/24/2020 467	Cross Drain Pipe Work	COUNTY RD 55	45,790 300	3	MS4
510478	6/8/2020 467	Cross Drain Pipe Work	COUNTY RD 55	0 300	3	MS4
510483	6/8/2020 467	Cross Drain Pipe Work	COUNTY RD 55	0 300	3	MS4
510489	6/8/2020 467	Cross Drain Pipe Work	COUNTY RD 55	0 300	3	MS4
510514	6/8/2020 467	Cross Drain Pipe Work	COUNTY RD 55	0 300	3	MS4
510522	6/8/2020 467	Cross Drain Pipe Work	COUNTY RD 55	0 300	3	MS4
512959	6/19/2020 467	Cross Drain Pipe Work	COUNTY RD 55	46,377 300	3	MS4
512961	6/19/2020 467	Cross Drain Pipe Work	COUNTY RD 55	46,377 300	3	MS4
520504	7/29/2020 467	Cross Drain Pipe Work	COUNTY RD 55	46,754 300	3	MS4
520505	7/29/2020 467	Cross Drain Pipe Work	COUNTY RD 55	46,754 300	3	MS4
520508	7/29/2020 467	Cross Drain Pipe Work	COUNTY RD 55	46,754 300	3	MS4
520509	7/29/2020 467	Cross Drain Pipe Work	COUNTY RD 55	46,754 300	3	MS4
520510	7/29/2020 467	Cross Drain Pipe Work	COUNTY RD 55	46,754 300	3	MS4
520516	7/29/2020 467	Cross Drain Pipe Work	COUNTY RD 55	46,754 300	3	MS4
520517	7/29/2020 467	Cross Drain Pipe Work	COUNTY RD 55	46,754 300	3	MS4
520522	7/29/2020 467	Cross Drain Pipe Work	COUNTY RD 55	46,754 300	3	MS4
520523	7/29/2020 467	Cross Drain Pipe Work	COUNTY RD 55	46,754 300	3	MS4
520804	7/30/2020 467	Cross Drain Pipe Work	COUNTY RD 55	46,754 300	3	MS4
520821	7/30/2020 467	Cross Drain Pipe Work	COUNTY RD 55	46,754 300	3	MS4
520829	7/30/2020 467	Cross Drain Pipe Work	COUNTY RD 55	46,754 300	3	MS4
520834	7/30/2020 467	Cross Drain Pipe Work	COUNTY RD 55	46,754 300	3	MS4
520835	7/30/2020 467	Cross Drain Pipe Work	COUNTY RD 55	46,754 300	3	MS4
520836	7/30/2020 467	Cross Drain Pipe Work	COUNTY RD 55	46,754 300	3	MS4
520837	7/30/2020 467	Cross Drain Pipe Work	COUNTY RD 55	46,754 300	3	MS4
520838	7/30/2020 467	Cross Drain Pipe Work	COUNTY RD 55	46,754 300	3	MS4
520839	7/30/2020 467	Cross Drain Pipe Work	COUNTY RD 55	46,754 300	3	MS4
523019	7/30/2020 467	Cross Drain Pipe Work	COUNTY RD 55	46,754 300	3	MS4
506477	5/19/2020 467	Cross Drain Pipe Work	SCENIC HWY 98	46,104 200	2	MS4
506478	5/19/2020 467	Cross Drain Pipe Work	SCENIC HWY 98	46,104 200	2	MS4
506479	5/19/2020 467	Cross Drain Pipe Work	SCENIC HWY 98	46,104 200	2	MS4
506481	5/19/2020 467	Cross Drain Pipe Work	SCENIC HWY 98	46,104 200	2	MS4
506482	5/19/2020 467	Cross Drain Pipe Work	SCENIC HWY 98	46,104 200	2	MS4
506483	5/19/2020 467	Cross Drain Pipe Work	SCENIC HWY 98	46,104 200	2	MS4
506484	5/19/2020 467	Cross Drain Pipe Work	SCENIC HWY 98	46,104 200	2	MS4
506485	5/19/2020 467	Cross Drain Pipe Work	SCENIC HWY 98	46,104 200	2	MS4
506486	5/19/2020 467	Cross Drain Pipe Work	SCENIC HWY 98	46,104 200	2	MS4
506487	5/19/2020 467	Cross Drain Pipe Work	SCENIC HWY 98	46,104 200	2	MS4
521860	8/3/2020 616	Ditching with Shovel	3RD ST	46,546 200	2	MS4
521861	8/3/2020 616	Ditching with Shovel	3RD ST	46,546 200	2	MS4
561667	2/8/2021 616	Ditching with Shovel	BELFOREST CEMETERY RD	47,779 200	2	MS4
561668	2/8/2021 616	Ditching with Shovel	BELFOREST CEMETERY RD	47,779 200	2	MS4
561669	2/8/2021 616	Ditching with Shovel	BELFOREST CEMETERY RD	47,779 200	2	MS4
565250	2/25/2021 616	Ditching with Shovel	BLUEBERRY LN	48,503 200	2	MS4
565251	2/25/2021 616	Ditching with Shovel	BLUEBERRY LN	48,503 200	2	MS4
565252	2/25/2021 616	Ditching with Shovel	BLUEBERRY LN	48,503 200	2	MS4
565253	2/25/2021 616	Ditching with Shovel	BLUEBERRY LN	48,503 200	2	MS4
565255	2/25/2021 616	Ditching with Shovel	BLUEBERRY LN	48,503 200	2	MS4
565256	2/25/2021 616	Ditching with Shovel	BLUEBERRY LN	48,503 200	2	MS4
565553	2/26/2021 616	Ditching with Shovel	BLUEBERRY LN	48,503 200	2	MS4
565561	2/26/2021 616	Ditching with Shovel	BLUEBERRY LN	48,503 200	2	MS4
565562	2/26/2021 616	Ditching with Shovel	BLUEBERRY LN	48,503 200	2	MS4

565563	2/26/2021	616	Ditching with Shovel	BLUEBERRY LN	48,503 200	2	MS4
565564	2/26/2021	616	Ditching with Shovel	BLUEBERRY LN	48,503 200	2	MS4
566882	2/26/2021	616	Ditching with Shovel	BLUEBERRY LN	48,503 200	2	MS4
522457	8/5/2020	616	Ditching with Shovel	BOOTHE RD	46,800 200	2	MS4
522458	8/5/2020	616	Ditching with Shovel	BOOTHE RD	46,800 200	2	MS4
509145	6/2/2020	616	Ditching with Shovel	BUZBEE RD	45,889 100	2	MS4
509147	6/2/2020	616	Ditching with Shovel	BUZBEE RD	45,889 100	2	MS4
509148	6/2/2020	616	Ditching with Shovel	BUZBEE RD	45,889 100	2	MS4
529720	9/10/2020	616	Ditching with Shovel	BUZBEE RD	46,539 100	2	MS4
529721	9/10/2020	616	Ditching with Shovel	BUZBEE RD	46,539 100	2	MS4
529723	9/10/2020	616	Ditching with Shovel	BUZBEE RD	46,539 100	2	MS4
554520	1/4/2021	616	Ditching with Shovel	BUZBEE RD	46,899 100	2	MS4
554523	1/4/2021	616	Ditching with Shovel	BUZBEE RD	46,899 100	2	MS4
554524	1/4/2021	616	Ditching with Shovel	BUZBEE RD	46,899 100	2	MS4
554525	1/4/2021	616	Ditching with Shovel	BUZBEE RD	46,899 100	2	MS4
554526	1/4/2021	616	Ditching with Shovel	BUZBEE RD	46,899 100	2	MS4
554667	1/5/2021	616	Ditching with Shovel	BUZBEE RD	0 100	2	MS4
554668	1/5/2021	616	Ditching with Shovel	BUZBEE RD	0 100	2	MS4
554669	1/5/2021	616	Ditching with Shovel	BUZBEE RD	0 100	2	MS4
554670	1/5/2021	616	Ditching with Shovel	BUZBEE RD	0 100	2	MS4
554671	1/5/2021	616	Ditching with Shovel	BUZBEE RD	0 100	2	MS4
554672	1/5/2021	616	Ditching with Shovel	BUZBEE RD	0 100	2	MS4
554673	1/5/2021	616	Ditching with Shovel	BUZBEE RD	0 100	2	MS4
555073	1/6/2021	616	Ditching with Shovel	BUZBEE RD	46,899 100	2	MS4
555074	1/6/2021	616	Ditching with Shovel	BUZBEE RD	46,899 100	2	MS4
555075	1/6/2021	616	Ditching with Shovel	BUZBEE RD	46,899 100	2	MS4
555076	1/6/2021	616	Ditching with Shovel	BUZBEE RD	46,899 100	2	MS4
555077	1/6/2021	616	Ditching with Shovel	BUZBEE RD	46,899 100	2	MS4
555078	1/6/2021	616	Ditching with Shovel	BUZBEE RD	46,899 100	2	MS4
568676	3/11/2021	616	Ditching with Shovel	BUZBEE RD	48,628 100	2	MS4
568680	3/11/2021	616	Ditching with Shovel	BUZBEE RD	48,628 100	2	MS4
568681	3/11/2021	616	Ditching with Shovel	BUZBEE RD	48,628 100	2	MS4
568683	3/11/2021	616	Ditching with Shovel	BUZBEE RD	48,628 100	2	MS4
568684	3/11/2021	616	Ditching with Shovel	BUZBEE RD	48,628 100	2	MS4
568685	3/11/2021	616	Ditching with Shovel	BUZBEE RD	48,628 100	2	MS4
568686	3/11/2021	616	Ditching with Shovel	BUZBEE RD	48,628 100	2	MS4
568752	3/11/2021	616	Ditching with Shovel	BUZBEE RD	48,628 100	2	MS4
563629	2/18/2021	616	Ditching with Shovel	CONFEDERATE REST RD	48,485 200	2	MS4
563636	2/18/2021	616	Ditching with Shovel	CONFEDERATE REST RD	48,485 200	2	MS4
563643	2/18/2021	616	Ditching with Shovel	CONFEDERATE REST RD	48,485 200	2	MS4
563645	2/18/2021	616	Ditching with Shovel	CONFEDERATE REST RD	48,485 200	2	MS4
563646	2/18/2021	616	Ditching with Shovel	CONFEDERATE REST RD	48,485 200	2	MS4
563649	2/18/2021	616	Ditching with Shovel	CONFEDERATE REST RD	48,485 200	2	MS4
563652	2/18/2021	616	Ditching with Shovel	CONFEDERATE REST RD	48,485 200	2	MS4
570373	3/18/2021	616	Ditching with Shovel	COUNTY RD 13	48,501 200	2	MS4
570374	3/18/2021	616	Ditching with Shovel	COUNTY RD 13	48,501 200	2	MS4
570375	3/18/2021	616	Ditching with Shovel	COUNTY RD 13	48,501 200	2	MS4
570376	3/18/2021	616	Ditching with Shovel	COUNTY RD 13	48,501 200	2	MS4
570377	3/18/2021	616	Ditching with Shovel	COUNTY RD 13	48,501 200	2	MS4
571917	3/25/2021	616	Ditching with Shovel	COUNTY RD 13	48,859 200	2	MS4
571918	3/25/2021	616	Ditching with Shovel	COUNTY RD 13	48,859 200	2	MS4
571919	3/25/2021	616	Ditching with Shovel	COUNTY RD 13	48,859 200	2	MS4
571921	3/25/2021	616	Ditching with Shovel	COUNTY RD 13	48,859 200	2	MS4
571922	3/25/2021	616	Ditching with Shovel	COUNTY RD 13	48,859 200	2	MS4
571923	3/25/2021	616	Ditching with Shovel	COUNTY RD 13	48,859 200	2	MS4
572322	3/26/2021	616	Ditching with Shovel	COUNTY RD 13	48,859 200	2	MS4
572327	3/26/2021	616	Ditching with Shovel	COUNTY RD 13	48,859 200	2	MS4
572329	3/26/2021	616	Ditching with Shovel	COUNTY RD 13	48,859 200	2	MS4
572330	3/26/2021	616	Ditching with Shovel	COUNTY RD 13	48,859 200	2	MS4
572331	3/26/2021	616	Ditching with Shovel	COUNTY RD 13	48,859 200	2	MS4
573595	3/26/2021	616	Ditching with Shovel	COUNTY RD 13	48,859 200	2	MS4
571872	3/25/2021	616	Ditching with Shovel	COUNTY RD 3	48,483 200	2	MS4

571873	3/25/2021	616	Ditching with Shovel	COUNTY RD 3	48,483	200	2	MS4
571876	3/25/2021	616	Ditching with Shovel	COUNTY RD 3	48,483	200	2	MS4
571903	3/25/2021	616	Ditching with Shovel	COUNTY RD 32	48,858	200	2	MS4
571907	3/25/2021	616	Ditching with Shovel	COUNTY RD 32	48,858	200	2	MS4
571914	3/25/2021	616	Ditching with Shovel	COUNTY RD 32	48,858	200	2	MS4
571915	3/25/2021	616	Ditching with Shovel	COUNTY RD 32	48,858	200	2	MS4
571916	3/25/2021	616	Ditching with Shovel	COUNTY RD 32	48,858	200	2	MS4
502310	4/29/2020	616	Ditching with Shovel	COUNTY RD 33	45,671	200	2	MS4
502311	4/29/2020	616	Ditching with Shovel	COUNTY RD 33	45,671	200	2	MS4
502312	4/29/2020	616	Ditching with Shovel	COUNTY RD 33	45,671	200	2	MS4
526800	8/26/2020	616	Ditching with Shovel	COUNTY RD 68	46,890	200	3	MS4
526801	8/26/2020	616	Ditching with Shovel	COUNTY RD 68	46,890	200	3	MS4
526802	8/26/2020	616	Ditching with Shovel	COUNTY RD 68	46,890	200	3	MS4
567933	3/9/2021	616	Ditching with Shovel	COUNTY RD 68	48,408	200	3	MS4
567935	3/9/2021	616	Ditching with Shovel	COUNTY RD 68	48,408	200	3	MS4
567936	3/9/2021	616	Ditching with Shovel	COUNTY RD 68	48,408	200	3	MS4
517861	7/15/2020	616	Ditching with Shovel	GARRETT RD	46,588	200	2	MS4
517862	7/15/2020	616	Ditching with Shovel	GARRETT RD	46,588	200	2	MS4
517864	7/15/2020	616	Ditching with Shovel	GARRETT RD	46,588	200	2	MS4
542315	10/27/2020	616	Ditching with Shovel	GARRETT RD	47,697	200	2	MS4
542316	10/27/2020	616	Ditching with Shovel	GARRETT RD	47,697	200	2	MS4
542317	10/27/2020	616	Ditching with Shovel	GARRETT RD	47,697	200	2	MS4
570387	3/18/2021	616	Ditching with Shovel	GAYFER RD EXT	46,788	200	2	MS4
570388	3/18/2021	616	Ditching with Shovel	GAYFER RD EXT	46,788	200	2	MS4
570389	3/18/2021	616	Ditching with Shovel	GAYFER RD EXT	46,788	200	2	MS4
570390	3/18/2021	616	Ditching with Shovel	GAYFER RD EXT	46,788	200	2	MS4
570391	3/18/2021	616	Ditching with Shovel	GAYFER RD EXT	46,788	200	2	MS4
505708	5/14/2020	616	Ditching with Shovel	GRAHAM ST	45,942	200	2	MS4
505709	5/14/2020	616	Ditching with Shovel	GRAHAM ST	45,942	200	2	MS4
505710	5/14/2020	616	Ditching with Shovel	GRAHAM ST	45,942	200	2	MS4
505711	5/14/2020	616	Ditching with Shovel	GRAHAM ST	45,942	200	2	MS4
560743	2/3/2021	616	Ditching with Shovel	JERRY JOHNSON LN	48,333	200	2	MS4
560746	2/3/2021	616	Ditching with Shovel	JERRY JOHNSON LN	48,333	200	2	MS4
560747	2/3/2021	616	Ditching with Shovel	JERRY JOHNSON LN	48,333	200	2	MS4
516737	7/9/2020	616	Ditching with Shovel	KIRKMAN LN	46,258	200	2	MS4
516739	7/9/2020	616	Ditching with Shovel	KIRKMAN LN	46,258	200	2	MS4
560331	2/2/2021	616	Ditching with Shovel	LAWRENCE RD	48,177	200	2	MS4
560332	2/2/2021	616	Ditching with Shovel	LAWRENCE RD	48,177	200	2	MS4
560333	2/2/2021	616	Ditching with Shovel	LAWRENCE RD	48,177	200	2	MS4
562486	2/11/2021	616	Ditching with Shovel	MAIN ST	48,353	200	2	MS4
562494	2/11/2021	616	Ditching with Shovel	MAIN ST	48,353	200	2	MS4
562502	2/11/2021	616	Ditching with Shovel	MAIN ST	48,353	200	2	MS4
562504	2/11/2021	616	Ditching with Shovel	MAIN ST	48,353	200	2	MS4
563220	2/17/2021	616	Ditching with Shovel	MAIN ST	48,353	200	2	MS4
563222	2/17/2021	616	Ditching with Shovel	MAIN ST	48,353	200	2	MS4
563223	2/17/2021	616	Ditching with Shovel	MAIN ST	48,353	200	2	MS4
563224	2/17/2021	616	Ditching with Shovel	MAIN ST	48,353	200	2	MS4
563227	2/17/2021	616	Ditching with Shovel	MAIN ST	48,353	200	2	MS4
558716	1/26/2021	616	Ditching with Shovel	MCINTYRE ST	47,818	200	2	MS4
558717	1/26/2021	616	Ditching with Shovel	MCINTYRE ST	47,818	200	2	MS4
558718	1/26/2021	616	Ditching with Shovel	MCINTYRE ST	47,818	200	2	MS4
571881	3/25/2021	616	Ditching with Shovel	PLEASANT RD	48,663	200	2	MS4
571882	3/25/2021	616	Ditching with Shovel	PLEASANT RD	48,663	200	2	MS4
571885	3/25/2021	616	Ditching with Shovel	PLEASANT RD	48,663	200	2	MS4
511415	6/11/2020	616	Ditching with Shovel	SCENIC HWY 98	45,484	200	2	MS4
511418	6/11/2020	616	Ditching with Shovel	SCENIC HWY 98	45,484	200	2	MS4
511419	6/11/2020	616	Ditching with Shovel	SCENIC HWY 98	45,484	200	2	MS4

511420	6/11/2020 616	Ditching with Shovel	SCENIC HWY 98	46,280 200	2	MS4
511421	6/11/2020 616	Ditching with Shovel	SCENIC HWY 98	46,280 200	2	MS4
511424	6/11/2020 616	Ditching with Shovel	SCENIC HWY 98	46,280 200	2	MS4
555218	1/5/2021 616	Ditching with Shovel	SCENIC HWY 98	48,082 200	2	MS4
555221	1/5/2021 616	Ditching with Shovel	SCENIC HWY 98	48,082 200	2	MS4
555223	1/5/2021 616	Ditching with Shovel	SCENIC HWY 98	48,082 200	2	MS4
555227	1/5/2021 616	Ditching with Shovel	SCENIC HWY 98	47,651 200	2	MS4
555230	1/5/2021 616	Ditching with Shovel	SCENIC HWY 98	47,651 200	2	MS4
555231	1/5/2021 616	Ditching with Shovel	SCENIC HWY 98	47,651 200	2	MS4
563805	2/19/2021 616	Ditching with Shovel	SCENIC HWY 98	48,485 200	2	MS4
563812	2/19/2021 616	Ditching with Shovel	SCENIC HWY 98	48,485 200	2	MS4
563813	2/19/2021 616	Ditching with Shovel	SCENIC HWY 98	48,485 200	2	MS4
563814	2/19/2021 616	Ditching with Shovel	SCENIC HWY 98	48,485 200	2	MS4
563815	2/19/2021 616	Ditching with Shovel	SCENIC HWY 98	48,485 200	2	MS4
571374	3/23/2021 616	Ditching with Shovel	SCENIC HWY 98	48,531 200	2	MS4
571375	3/23/2021 616	Ditching with Shovel	SCENIC HWY 98	48,531 200	2	MS4
571376	3/23/2021 616	Ditching with Shovel	SCENIC HWY 98	48,531 200	2	MS4
571377	3/23/2021 616	Ditching with Shovel	SCENIC HWY 98	48,531 200	2	MS4
571378	3/23/2021 616	Ditching with Shovel	SCENIC HWY 98	48,531 200	2	MS4
571936	3/25/2021 616	Ditching with Shovel	SCENIC HWY 98	48,531 200	2	MS4
571939	3/25/2021 616	Ditching with Shovel	SCENIC HWY 98	48,531 200	2	MS4
571940	3/25/2021 616	Ditching with Shovel	SCENIC HWY 98	48,531 200	2	MS4
571941	3/25/2021 616	Ditching with Shovel	SCENIC HWY 98	48,531 200	2	MS4
571942	3/25/2021 616	Ditching with Shovel	SCENIC HWY 98	48,531 200	2	MS4
570380	3/18/2021 616	Ditching with Shovel	TWIN BEECH RD	48,710 200	2	MS4
570381	3/18/2021 616	Ditching with Shovel	TWIN BEECH RD	48,710 200	2	MS4
570382	3/18/2021 616	Ditching with Shovel	TWIN BEECH RD	48,710 200	2	MS4
570383	3/18/2021 616	Ditching with Shovel	TWIN BEECH RD	48,710 200	2	MS4
570386	3/18/2021 616	Ditching with Shovel	TWIN BEECH RD	48,710 200	2	MS4
572286	3/26/2021 616	Ditching with Shovel	TWIN BEECH RD	47,515 200	2	MS4
572306	3/26/2021 616	Ditching with Shovel	TWIN BEECH RD	47,515 200	2	MS4
514074	6/24/2020 616	Ditching with Shovel	WILSON LN	46,261 200	2	MS4
514076	6/24/2020 616	Ditching with Shovel	WILSON LN	46,261 200	2	MS4
514077	6/24/2020 616	Ditching with Shovel	WILSON LN	46,261 200	2	MS4
514079	6/24/2020 616	Ditching with Shovel	WILSON LN	46,261 200	2	MS4
503943	5/7/2020 616	Ditching with Shovel	WILSON RD	46,015 100	2	MS4
503945	5/7/2020 616	Ditching with Shovel	WILSON RD	46,015 100	2	MS4
503946	5/7/2020 616	Ditching with Shovel	WILSON RD	46,015 100	2	MS4
503947	5/7/2020 616	Ditching with Shovel	WILSON RD	46,015 100	2	MS4
503948	5/7/2020 616	Ditching with Shovel	WILSON RD	46,015 100	2	MS4
503949	5/7/2020 616	Ditching with Shovel	WILSON RD	46,015 100	2	MS4
518824	7/20/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
518825	7/20/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
518826	7/20/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
518827	7/20/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
518828	7/20/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
519051	7/21/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
519058	7/21/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
519065	7/21/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
519069	7/21/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
519072	7/21/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
519074	7/21/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
519075	7/21/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
519458	7/22/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
519459	7/22/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
519460	7/22/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
519461	7/22/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
519462	7/22/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
519627	7/23/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
519629	7/23/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
519630	7/23/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
519632	7/23/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4

520959	7/30/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
520960	7/30/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
520965	7/30/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
520967	7/30/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
522587	8/5/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
522588	8/5/2020 466	Side Drain Pipe Work	BOARDWALK DR	45,707 100	1	MS4
528881	9/3/2020 466	Side Drain Pipe Work	FRIENDSHIP RD	42,864 200	2	MS4
528882	9/3/2020 466	Side Drain Pipe Work	FRIENDSHIP RD	42,864 200	2	MS4
528883	9/3/2020 466	Side Drain Pipe Work	FRIENDSHIP RD	42,864 200	2	MS4
528884	9/3/2020 466	Side Drain Pipe Work	FRIENDSHIP RD	42,864 200	2	MS4
528887	9/3/2020 466	Side Drain Pipe Work	FRIENDSHIP RD	42,864 200	2	MS4
528888	9/3/2020 466	Side Drain Pipe Work	FRIENDSHIP RD	42,864 200	2	MS4
528889	9/3/2020 466	Side Drain Pipe Work	FRIENDSHIP RD	42,864 200	2	MS4

Total Roads: 34

BALDWIN COUNTY
HIGHWAY DEPARTMENT
P.O. Box 220
SILVERHILL, ALABAMA 36576
TELEPHONE: (251) 937-0371
FAX (251) 937-0201

JOEY NUNNALLY, P.E.
COUNTY ENGINEER

July 1, 2020

Goodwyn, Mills and Cawood, Inc / Tim Lawley
P.O. Box 1127
Daphne, AL 36526

Subject: TO-20024 – Commercial Turn-Out Permit onto Scenic Hwy 98

Attached hereto is a permit issued to Goodwyn, Mills and Cawood, Inc / Tim Lawley to construct a turnout onto Scenic Hwy 98 for Grand Hotel Beach Suites at parcel number 05-45-07-36-0-000-002.004. The following requirements should be noted:

1. You are responsible for any damage done to the county roadway and/or ditch as a result of this construction and use.
2. You are responsible to re-vegetate all disturbed areas on the County right-of-way.
3. You are required to construct the drainage pipes and/or driveways so that storm water will not stand on the County right-of-way.
4. Any driveways installed are subject to removal if done in a manner that is unsafe or unacceptable to the County Engineer.
5. Chapter 6 of the MUTCD must be followed for traffic control.
6. For paved County Roads, only asphalt is to be used for the first 5'-0" from the edge of existing pavement. At that point, the material can transition to concrete or other material equal to or greater than asphalt.
7. A line locate shall be called in before any work is done in the County right-of-way.

You are required to contact the county inspector Vince Ramer 251-978-9498 prior to beginning work in the right-of-way. Please feel free to give us a call if you have any questions.

Sincerely,

Michael Campbell
Permit/Subdivision Inspector

Cc: Vince Ramer, Inspector
Area 200 Maintenance Supervisor
File

TO-20024 Grand Hotel Beach Suites
Site Map

TO-20024 Grand Hotel Beach Suites
Vicinity Map

Office Use Only

Case No. TO-20024 Received By: MC Date: 06/12/2020
Application Fee: N/A Receipt No: N/A Road ID No: 2018(01

BALDWIN COUNTY HIGHWAY DEPARTMENT
PERMIT DIVISION

P.O. Box 220
Silverhill, Alabama 36576
Telephone: (251) 937-0371
Fax No.: (251) 937-0227

INDUSTRIAL/COMMERCIAL/RESIDENTIAL MULTIUNIT RIGHT-OF-WAY ACCESS AND DRAINAGE IMPACT PERMIT

Applicant

Are you the property owner? ___ yes _x_ no
(If you are not the property owner you must submit Owner Authorization Form signed by the property owner)

Name: Goodwyn, Mills & Cawood, Inc. / Tim Lawley Date: 6/9/20

Mailing Address: PO Box 1127

City: Daphne State: AL Zip code 36526 -

Telephone: (251) 380 - 8746 Fax: (251) 626 - 6934 e-mail: tim.lawley@gmcnetwork.com

Site Information

Parcel ID Number(s): 05-45-07-36-0-000-002.004
05-
05-

Development Name: Grand Hotel Beach Suites
Or Name of Business

Address of Site: 1 Grand Boulevard City Point Clear

Site Acreage: 27 Number of Units or Type of Commercial Activity: Hotel (15 units)

Development Type

Check One:

___ Subdivision/Multifamily _x_ Retail/Commercial ___ Industrial

Engineer: Goodwyn, Mills & Cawood, Inc./Tim Lawley

Mailing Address: PO Box 1127

City: Daphne State: AL Zip code 36526

Telephone: (251) 380 - 8746 Fax: (251) 626 - 6934 e-mail: tim.lawley@gmcnetwork.com

Name of Contractor: Hill Brothers
(A copy of the contractor's current license must be submitted)

Mailing Address: PO Box 2200

City: Robertsdale State: AL Zip code 36567

Telephone: (251) 583 - 1116 Fax: ( ) - e-mail: hill17207@bellsouth.net

(Check all that apply)

Commercial Turnout	Driveway Turnout	Drainage
☒	☐	☒
Acceleration Lane	**Deceleration Lane**	**Median Turn Lane**
☐	☐	☐

****

I hereby certify that the information stated on and submitted with this application is true and correct. I also understand that the submittal of incomplete or incorrect information will result in this application not being processed. I understand that payment of these fees does not entitle me to approval of this application and that no refund of these fees will be made. I have reviewed the attached applicable development standards as set forth in the Baldwin County Highway Department and I further understand that the decision of the Baldwin County Highway Department shall be final and conclusive on any question that may arise relating to this permit and/or to any work done or to be performed pursuant thereto.

Applicants Signature: _____ Date: 6/10/20

FOR OFFICE USE ONLY

DATE APPLICATION REVIEWED: 6-16-20

IS THIS A COUNTY MAINTAINED RD:	☑ YES	☐ NO	☐ N/A
ENGINEERING PLANS SUBMITTED:	☑ YES	☐ NO	☐ N/A
TRAFFIC STUDY SUBMITTED:	☐ YES	☐ NO	☑ N/A
ARE TURN LANES WARRANTED:	☐ YES	☐ NO	☑ N/A
COST ESTIMATE SUBMITTED:	☐ YES	☐ NO	☑ N/A
INSPECTION FEE PAID:	☐ YES	☐ NO	☑ N/A
HAS ENGINEER VISITED SITE:	☑ YES	☐ NO	☐ N/A
DOES THIS SITE DRAIN TO CO. ROW:	☑ YES	☐ NO	☐ N/A

COMMENTS: 4:1 slope paved head walls required

SIZE OF DRIVEWAY CROSS-DRAIN: 22 X 13 Arch DATE PERMIT ISSUED: 7-1-20

PERMITTING AGENT: Michael Campbell TITLE: Eng Tech

SIGNATURE: Michael Campbell

STATE OF ALABAMA

BID LIMIT: **U**

AMOUNT: **UNLIMITED**

LICENSE NO.: **44699**

TYPE: **NEW**

State Licensing Board for General Contractors

THIS IS TO CERTIFY THAT

HILL BROTHERS INC

SPANISH FORT, AL 36577

is hereby licensed a General Contractor in the State of Alabama and is authorized to perform the following type(s) of work:

MU-S: CONCRETE PROJECTS, MU-S: DRAINAGE AND CULVERT, MU-S: EXCAVATION, MU-S: PAVING AND ASPHALT, MU-S: SEWER LINES, MU-S: SITE WORK GRADING, MU-S: WATER LINES

until **August 31, 2020** when this Certificate expires.

Witness our hands and seal of the Board, dated Montgomery, Ala.,

30th day of **November, 2019**

159304

SECRETARY-TREASURER

CHAIRMAN

PERMIT DEVELOPMENT STANDARDS

1. Right-Of-Way Connectivity

1. 1 General Policy

These standards apply to any Applicants proposing to construct any or all of the following on County Right-of-way: **Turnout, Driveway, Acceleration lane, Deceleration lane, and or Median turn lane.** All applications must be accompanied by all applicable engineering plans including plan/profile sheets, cross sections at no more than 100 ft stations, and typical cross sections for roadway build-up and construction, traffic markings, and an engineering cost estimate, all certified by a registered professional engineer licensed in the State of Alabama. All construction must be done by a contractor licensed to perform the proposed work.

All construction shall be constructed in accordance with the State of Alabama Highway Department Specifications and the Engineering Plans submitted to and approved by the Baldwin County Highway Department.

The access turnout and turn lanes must be constructed in such a manner that no damage will be occasioned to the County road, and no hazard to the traveling public, will be created. The work shall be expedited to facilitate completion as quickly as possible and delays encountered shall be reviewed with the County Engineering Department, the Contractor, and the Engineer of Record.

The applicant is not granted any right to, claim in, or control over any part of the highway right-of-way. The Applicant is not permitted to use the access turnout or adjacent highway Right-Of-Way for any purpose other than highway access and maintenance of turnout.

The applicant shall install, maintain, and keep in satisfactory condition at the sole cost and expense of the applicant, any drainage structure(s) that may be necessary in connection with this construction and keep the same cleaned out at all times.

The applicant will not make any additions to or otherwise modify the approved engineering plans without prior written approval from the Baldwin County Highway Department, Permit Division. A new or modified permit may be required.

During construction, traffic control devices shall be installed and maintained in accordance with the ***MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES -PART VI***, Latest Edition.

The Applicant shall, and does hereby, indemnify and save harmless the County, its officers, agents, servants, and employees from any and all causes of action of any kind or character, whatsoever, including, but not limited to, wrongful death, personal injury or property damage which may in any way arise or result from or be caused by any and all actions of the Applicant, its agents, servants, or employees, in the construction and maintenance of the improvements approved hereby. Said indemnification shall include the payment of any and all costs of defense of the County.

The access turnout, turn lanes and related work covered by this permit shall be completed within 60 days from the date the work on the right-of-way commences. This permit becomes null and void 12 months from the date of issuance. Once work has begun, the applicant shall pursue the work continuously and diligently until completed.

1.2 Traffic Studies and Warranted Improvements in County Right-Of-Ways

A Traffic Study Conducted by a Professional Engineer Licensed in the State of Alabama shall be required for the following developments:

- Any residential complex (apartments, town homes, condominiums, etc) with 50 or more residential units (all phases shall be included in determining the total number).
- High volume Commercial and Industrial sites.
- Service Stations/Convenience Stores.

The County will perform the Traffic Study using the services of a qualified traffic engineer acceptable to the Baldwin County Commission. The Developer shall advance to the Baldwin County Commission the cost of such traffic study. All recommendations of the study will be considered as minimum conditions of the Permit approval. However, the County Engineer, reserves the right to require improvements within the County Right-Of-Way that the study indicates are not warranted. At all times the applicant can choose to bypass the study and accept the improvements required by the County as conditions of Permit Approval.

If turn lanes are required, the applicant shall be required to pay a Road Construction Inspection Fee based on $1.25 per linear feet of road as part of the permit application. This distance will be measured from milled section to milled section (Start of construction to end of construction).

1.3 Turnouts and Driveways

This section is applicable to PRIVATE, COMMERCIAL, INDUSTRIAL, and RESIDENTIAL developments where the applicant installs the side drain pipe and constructs the turnout.

***The purposed turnout site must be marked so as to be easily located for review.**

All culverts in the County ROW must be a minimum of 18" diameter round concrete pipe (or Arch equivalent) and culverts must be a minimum of 24 feet in length. In addition they must have 4 to 1 slope paved headwall ends (Which are not included in the 24 feet of culvert length). A sample detail has been provided in the appendix. In the event that more than 50 feet of driving surface is desired, a clean out box shall be required for maintenance.

Culverts must be sized by a Professional Engineer Licensed in the State of Alabama. Permit shall be accompanied by signed and sealed calculations and plans for the proposed turnout. Plans shall include cross sections of the modified ditch sections along the County Right-Of-Way. Positive flow must be verified once culvert is installed.

The minimum edge of pavement radius for turnouts is 25 feet. If ingress and egress is to accommodate large delivery trucks, minimum radius shall be increased to 40 feet.

All designs shall preserve a minimum 4'-0" shoulder with a slope no greater than 6%.

The turnout shall be sloped away from the existing edge of pavement to insure that no storm water is directed onto the County road surface.

The driveway apron shall be surfaced with material equal to or greater than surface of the connecting County road. (The extents of the apron shall be from existing road edge (pavement) to Right-Of-Way line.) For all paved county roads see the pavement build-up requirements of the *Baldwin County*

Subdivision Regulations. ***For paved County Roads, only asphalt is to be used for the first 5'-0" from the edge of existing pavement. At that point the material can transition to concrete or other material equal to or greater than asphalt.***

For each proposed intersection (turnout) with an existing County maintained roadway, proposed sight distances shall be provided on a plan/profile sheets. Distances provided shall meet those required in the latest version of the AASHTO Policy on Geometric Design of Highways and Streets.

The turnout shall be constructed in accordance with Chapter 4 of the State of Alabama Highway Department Maintenance Manual and the State of Alabama Highway Department current Highway Design Standards. (Information is available through the Baldwin County Highway Department, Permit Division.)

If it becomes necessary to remove and/or reconstruct this access turnout, the Baldwin County Highway Department or its contractors have the right to remove and/or reconstruct said turnout without any payment whatsoever to the applicant.

At the option of the Baldwin County Highway Department the Applicant may be required to file a CERTIFIED CHECK or BOND payable to the BALDWIN COUNTY COMMISSSION in the amount of **$1000.00** for the faithful performance of the provisions of the permit. The bond or check will be returned to the Applicant upon the completion and acceptance of the turnout by the County, including restoration of the effected adjacent County right-of-way.

1.4 Turn Lanes

Lane Marking requirements:

- All Striping shall be thermoplastic.
- All lines shall be 6" in width.
- The spacing of the 24" yellow chevron striping shall be 20'-0" maximum.
- The solid white channelizing stripe at all turn lanes shall be 8" in width.
- Plans shall include pavement marker (reflectors) schedule and details in plans per ALDOT specifications.

Geometric design shall be in accordance Turn Lane Design Table shown in the appendix.

All proposed designs shall insure that no utility structure (poles, pedestals, etc…) is located in any part of the modified ditch sections along County Right-Of-Way. Any required relocation of such utility structures will be at the expense of the developer.

Applicant is responsible for the resolution of all utility conflicts within the County Right-Of-Way.

Proposed design shall maintain a minimum 4'-0" shoulder with a maximum 6% slope.

The Applicant is required to file a certified check or bond approved by and payable to the Baldwin County Commission in the amount of 125% of the estimated construction cost of improvements within County Right-of-Way for the faithful performance of the provisions of this permit. The bond or check will be returned to the applicant upon completion and acceptance of the turn lanes by the County, including restoration of affected adjacent road right-of-way.

The Applicant is responsible for verifying all right-of-way requirements necessary for construction. Any additional right-of-way shall be acquired by the Applicant and dedicated to Baldwin County prior to construction commencing.

Engineering Plans shall include:

Plan-profile of proposed road that shows the location, size, length of the proposed cross-drain, the dimensions of the existing and proposed asphalt;
Cross-sections at no more than 100 ft. stations;
Erosion Control Plan;
Plan showing Traffic Markings and signage;
Typical cross-section for the proposed roadway build-up and overlay;
All necessary details including proposed headwalls;
Temporary Traffic Control Plan;
Verification of sight distance at new intersection;
Calculations verifying the adequacy of all proposed drainage structures

2. Drainage

2.1General Policy

The main objective of drainage design shall be the safety of the traveling public with the protection of County and private property consistent with good engineering practice.

2.2 Drainage and Storm Sewers

(a) *General Requirements.* The responsible Design Engineer shall not submit any site plan which does not make adequate provision for storm or flood water runoff channels or basins. The storm water drainage system shall be separate and independent of any sanitary sewer system.

The applicant shall submit a design narrative and complete drainage calculations, including but not limited to, assumptions, maps, and computations for each inlet, pipe, or ditch section. The design data and calculations shall be prepared, sealed and submitted by a licensed, professional engineer in the State of Alabama. The design narrative shall summarize the assumptions, calculations, and results of the design for the whole project as well as each drainage basin.

All developments shall be provided with adequate storm drainage facilities.

When a proposed new drainage system will divert water into an unnatural water system or on private land adjacent to the development, appropriate drainage rights must be secured by the applicant and supported by the appropriate recorded instrument.

The applicant shall be required to carry away by pipe or open ditch any spring or surface water that may exist either previously to, or as a result of, the development. Such drainage facilities shall be placed in perpetual unobstructed drainage easements of appropriate width.

Adequate provision shall be made for the disposal of storm waters into existing channels, pipes, or body of water.

(b) *Accommodation of Upstream Drainage Areas.* A culvert or other drainage facility shall, in each case, be large enough to accommodate potential developed property runoff from its entire upstream drainage area, whether inside or outside the development.

(c) *Effect on Downstream Drainage Areas.* The Design Engineer shall review the effect of each development on existing downstream drainage facilities outside the area of the development. Where it is anticipated that the additional runoff incident to the development will overload an existing downstream drainage facility, the County Engineer, or his/her designee, may withhold approval of the permit until provision has been made for the necessary downstream improvement.

2.3 Drainage Design Requirements

(a) Inlets shall be provided so that surface water is not carried across any intersection, or for a distance of more than 600 feet in the gutter. When calculations indicate that curb capacities are exceeded at a point, catch basins shall be used to intercept flow at that point. The spread of surface water carried in the gutter shall not exceed ½ of the design lane width.

(b) The drainage system(s) shall accommodate flows from at least a 100-year frequency design storm. In addition, adequate drainage-ways shall be provided to allow the run-off from a 100-year frequency design storm to be accommodated. Bridges and box culverts shall accommodate a minimum of a 100-year frequency design storm.

(c) All roadways cross drain pipes and turnout culvert pipes within the County Right-Of-Way shall be reinforced concrete and have a minimum size of 18 inches in diameter, or an equivalent arch pipe. Only pipe that meets specifications equaling Alabama Department of Transportation Specifications or Baldwin County Standards will be acceptable.

(d) On any single drainage structure within the County R.O.W. requiring 20 square feet or more of end area, a special design drawing will be required for approval. Concrete box culverts used shall be designed and constructed according to the latest edition of the ALDOT Standards and Specifications for Road and Bridge Construction. All proposed bridges must be submitted separate from other construction plans and must contain all plans, specification, design and construction data as required by The Federal Highway Administration and ALDOT. Any box culvert that spans 20 feet or more along the centerline of the road shall be considered as a bridge.

(e) Where the developer has open ditches, a maximum of 3 to 1 side slopes and flat bottom ditch is required. V-bottom ditches or other special designs will be permitted in special cases as approved by the County Engineer or his/her designee. Calculations shall show the volume and velocity for each different ditch section. Ditch lining shall be designed based on the stormwater velocity calculations. The longitudinal grade shall not be less than 0.3%.

(f) The method of determining storm runoff shall be as follows: for areas less than 200 acres, the engineer may use the Rational Method for determining inlet spacing, roadway spread, and the sizing of opened and closed pipe network and collection basins. The Kirpich Equation shall be the only method which may be used to determine the time of concentration. For areas greater than 200 acres, the engineer may use Regression Equations (rural or urban) or SCS Method only.

(g) Calculations shall include a scale map of the off-site and on-site drainage areas; and the slope, type, size, flow, velocity, and the headwater and tailwater elevations for each pipe and structure.

(h) *Headwalls and Riprap.* A minimum 4:1 concrete sloped paved headwall shall be required on all pipe culverts that are located in the County ROW. Special types of headwalls, rip-rap, and other materials may be required by the County Engineer or his/her designee when deemed necessary for erosion control, protection of existing downstream drainage facilities, and roadside safety.

2.4 Plan Requirements

The Design Engineer shall submit detailed drainage plans to the County for review and approval. Said plans shall be prepared by a Professional Engineer licensed in the State of Alabama and shall contain the following information.

(a) Topography map of proposed developed areas showing existing and proposed contours at 1 foot intervals of the entire property and full width of all adjacent right-of-ways. Topographic information shall be based on the NAVD 88 datum. Elevations must be field verified. Greater intervals may be allowed, if approved by the County Engineer or his/her designee.

(b) Existing drainage structures, including, but not limited to, pipes, culverts, inlets, ditches, and ponds within 100' of the proposed connection.

(c) Proposed drainage system, including pipes, culverts, junction boxes, inlets, ditches, retention/detention facilities, and an outline of the on-site drainage areas for each inlet and ditch cross-section. All proposed pipes, culverts, junction boxes and inlets shall be labeled and presented in tabular form on the overall drainage plan, and the plan view of all Plan/Profile sheets.

(d) Structure location, type and size, and the Inlet and Outlet Flow line Elevation.

(e) Cross-section of each ditch section. (See Appendix for Typical Cross Section)

(f) Other pertinent information necessary for review of the drainage plans as may be required by the County Engineer, or his/her designee.

2.5 Drainage Construction Requirements within County R.O.W.

(a) All pipes shall be placed in excavated trenches to the line and grade shown on the plans.

(b) Material used for backfilling pipe trenches shall consist of small diameter uniform material and shall be free of large rock or other unsuitable material. The backfill material shall be placed in uniform 8 inch lifts and mechanically compacted to 95% of relative density. The backfill shall be placed uniformly on each side of the pipe and all pipes shall be laid in accordance with County Standards. A detail must be provided that shows the proper backfilling of all pipe trenches.

(c) A minimum of 12 inches cover shall be placed over each pipe 48 inches or less in diameter and 24 inches or more of cover shall be placed on all larger diameter pipes.

(d) When a battery of pipes is used, a clear spacing of ½ the pipe diameter or span shall be provided between adjacent pipes.

(e) The maximum cover allowed, pipe class, and strength requirements shall be in accordance with the manufacturer's recommendation.

(f) A junction box shall be provided every 100 feet for maintenance and inspection for all pipes under asphalt within the County R.O.W. For all other side drain pipes and pipes located within the right-of-way, a junction box suitable for maintenance and inspection access shall be provided at least every 300 feet for continuous pipes of 24 inches in diameter or less and at least every 400 feet for larger continuous pipes, and at each angle point and at each change in grade.

(g) Where type "S" inlets are used in conjunction with valley gutters, construction plans must show a smooth and gradual transition from gutter to inlet not less than 60 inches.

(h) Unless otherwise approved by the County Engineer, all junction boxes within the County Right-Of-Way shall be poured-in-place concrete or pre-cast concrete as per ALDOT Standard Drawings.

3 Erosion and Sedimentation

3.1 General

During construction accelerated erosion will occur during storm water runoff with a proportionate increase in visible erosion, scour and siltation both within and outside of the construction site. The following provisions impose requirements on persons engaged in land disturbing activities which require planning and implementation of effective sedimentation controls for subdivision development sites.

(a) *Construction Requirements.* An erosion and sedimentation control plan shall be a part of the construction plans and shall be approved by the County Engineer, or his/her designee prior to the commencement of any land-disturbing activity including but not limited to tree cutting and root removal.

(b) *Protection of Property.* Persons engaged in land-disturbing activities shall take all reasonable measures to protect all public and private property, including roadways, from damage by such activities.

(c) *More Restrictive Rules Shall Apply.* Whenever there is a conflict between Federal, State, or Local Laws, Ordinances, Rules and Regulations, Orders, and Decrees the more restrictive provision shall apply.

3.2 Plan Requirements

The Design Engineer shall submit an erosion and sediment control plan for review and approval. Said plan shall be prepared by a Professional Engineer licensed in the State of Alabama. If the County determines, upon review of such plan, that a significant risk of off-site sedimentation or erosion exists, it will require a revised plan to be prepared.

Erosion and sediment control plans shall contain engineering drawings, maps, assumptions, calculations, and narrative statements as needed to describe adequately the proposed development of the site and the measures planned to meet the Basic Control Objectives. Plan content may vary to meet the needs of specific site conditions. Large and/or complex sites shall include the proposed stages of construction and the proposed erosion and sediment control measures proposed to be used in each different stage of construction.

3.3 Periodic Inspections and Maintenance

(a) *Notification.* The applicant shall notify the County Engineer or his/her designee as soon as the initial BMPs have been installed so that an inspection of the BMPs can be made. Such inspection shall be made within 2 working days of said notice. No land disturbing activities, except those necessary to install the BMPs, shall take place until after the inspection is complete and approved.

(b) *Inspection.* The County may perform periodic inspections of the BMPs on the job site. Upon finding that erosion and sedimentation is taking place; or that the proposed BMPs are not installed, installed incorrectly, or not operating properly, the applicant will be notified verbally and in writing that all work affecting the BMPs in question shall be immediately suspended until proper, adequate, and functioning BMPs are installed. ADEM monitoring reports may be requested by the County Engineer from time to time.

(c) *Responsibility for maintenance.* The person engaged in or conducting the land-disturbing activity shall be responsible for maintaining all temporary and permanent erosion and sedimentation measures and facilities during the development of a site. Maintenance of these facilities lies with the landowner until assumed by other parties.

4 Storm Water Management

4.1 General

Developments which produce an increase in the amount of storm water runoff will be required to construct storm water management facilities. The design engineer shall submit, detailed engineering calculations and plans to the County including historical runoff, developed runoff, storm water facility details, method of discharge, and other information as required for review. Post development release rates shall not exceed pre-development rates. Provisions shall be made to address 100 year storm events to ensure that retention/detention facilities survive such events.

4.2 Minimum Requirements for Stormwater Retention/detention and Design Criteria

(a) *Liability.* The design criteria establish minimum elements of design which must be implemented with good engineering and good workmanship. Use of the information contained herein for placement of any structure or use of land, shall not constitute a representation, guarantee, or warranty of any kind by Baldwin County, its offices or employees, of the practicability, adequacy or safety and shall not create liability upon or cause action against any such public body, office, or employee for any damage that may result pursuant thereto.

(b) *Engineer's Seal.* All plans, specifications, and calculations submitted for review and/or approval shall be prepared and signed by a licensed engineer, and shall meet the minimum standards and requirements of the County, and other applicable authorities. Each of the plan, profile and special drawing sheets for a project shall bear a legible stamp of the Professional Engineer in charge. If the name or license number is not clear, the signature and number shall be added. It is imperative that the professional design engineer be qualified in the area of drainage per the State of Alabama registration laws.

(c) *Pre-Design Conference.* The developer and Design Engineer are encouraged to contact the County for a pre-design conference at the conceptual stage of the project. Such conference would be mutually beneficial to outline the complexity and scope of design, applicability of criteria and elimination of possible items of conflict during the review process. Subsequent conferences, during the preparation of plans may be arranged by the consulting engineer or the developer to obtain preliminary, informal decisions on items in need of clarification.

(d) *Method of Evaluation.* Differential runoff evaluation consists of determination of rates of runoff before and after development, determination of required volume of retention/detention and verification of adequacy of discharge and control structures. Design shall be based on at least the worst case scenario of runoff up to and including a 100 year, 24 hour rainfall event or greater if required by the County Engineer

or his/her designee. This shall be based on sound engineering criteria and computations shall be submitted to the County Engineer for review. Post-development discharge from retention/detention facilities shall be equal to or less than pre-development conditions for a 2, 5, 10, 25, 50, and 100 year storm event. In no case shall the discharge from a drainage basin exceed the hydraulic capabilities of the downstream drainage structures and facilities.

A "pre" and "post" development discharge/duration graphic shall be submitted to illustrate compliance. See Example Figure 1.

The SCS Method will be the only accepted method used to determine the sizing of stormwater detention/retention areas.

(e) *General Location.* Retention/detention facilities shall be located within the parcel limits of the project under consideration. No retention/detention or ponding will be permitted within public road rights-of-way. Location of retention/detention facilities off-site will be considered by special request if proper documentation is submitted with reference to practicality, feasibility and proof of ownership or right-of-use of the area proposed.

(f) The hydraulic elevations resulting from channel retention/detention shall not adversely affect adjoining properties.

(g) *Verification of Adequacy.* Analysis of all elements of design is always performed by the Design Engineer. The following outline is provided to ascertain that certain critical elements of design are in workable compliance with the aims of design:

1. proof of adequacy of volume of retention for each drainage basin
2. tributary (Q) peak runoff to basin
3. balanced maximum outflow rate from the low-flow structure
4. ratios of inflow to outflow
5. sizing of the overflow facilities
6. stability of dikes
7. safety features
8. maintenance features
9. routing calculations in legible tabulated form
10. "Pre-development" and "Post-development" intensity/duration graphic shall be submitted to illustrate compliance. See Example Figure 1.
11. Projects involving complexity of design may require more documented verification

Features of stability and safety may also need to be documented if the scope of the project requires special attention in this area of design.

(l) *Control Structures.* Retention/detention facilities shall be provided with obvious and effective control structures. Plan view and sections of the structure with adequate detail shall be included in plans.

1. The maximum overflow opening or emergency spillway shall be designed to accept the total peak runoff of the improved tributary area during the base flood.

2. Proper engineering judgment shall be exercised in analysis of secondary routing of discharge of greater intensity than the basic design storm in order to avoid economic losses or damage downstream. Review with the maximum probable precipitation event is recommended.

3. When existing downstream pipe sizing, outside the developers control jurisdiction, is inadequate, an evaluation for under sizing of pipes may be undertaken by the County upon receipt of written request from the engineer specifying the run or runs desired to be undersized. Applicant shall submit a plan/profile view and appropriate calculations of the entire undersized system (if less than 600 feet in length), or a minimum of 600 feet. No under sizing will be allowed if the requested under sizing will affect the performance of an existing structure.

4.3 Plan Requirements

The Design Engineer shall submit detailed plans for review and approval. Said plans shall be prepared by a Professional Engineer licensed in the State of Alabama and shall contain the following information:

(a) Topography map of the proposed retention/detention facility area(s);

(b) Existing and proposed contour lines at 1 foot intervals of the entire property and full width of all adjacent right-of-ways. Topographic information shall be based on the NAVD 88 datum. Elevations must be field verified. Greater intervals may be allowed, if approved by the County Engineer or his/her designee;

(c) All proposed pipes, control structures, headwalls, riprap, junction boxes, including location, size, and flow line elevations;

(d) Detailed drawings of the control structure(s);

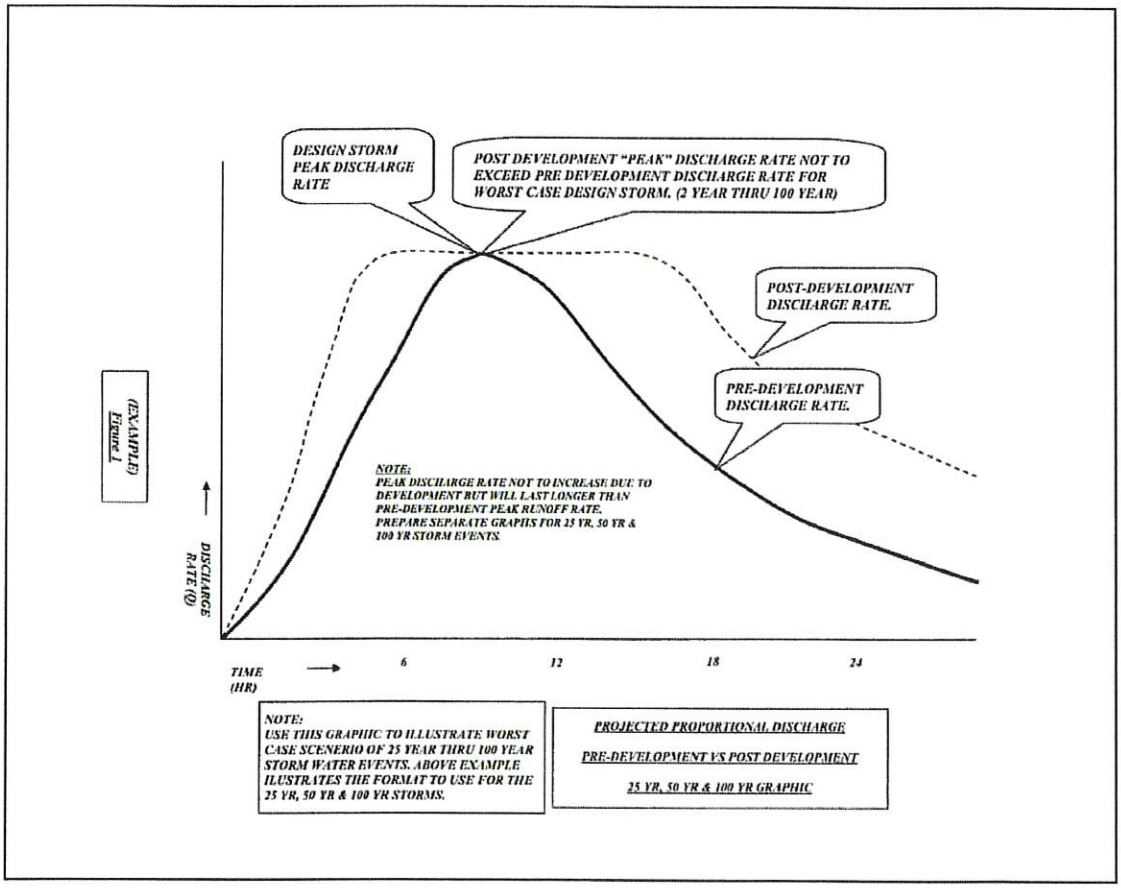
(e) Cross sections of each storm water facility.

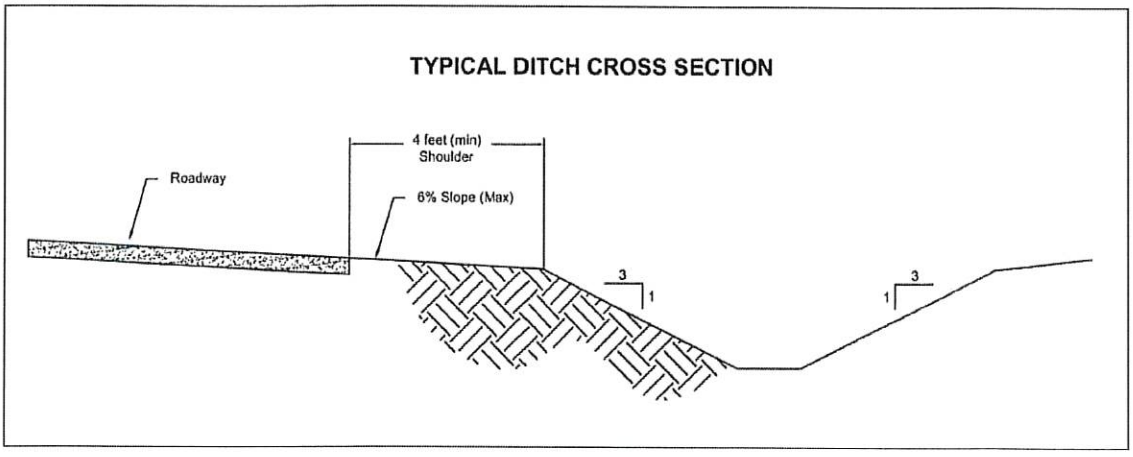
4.4 Maintenance

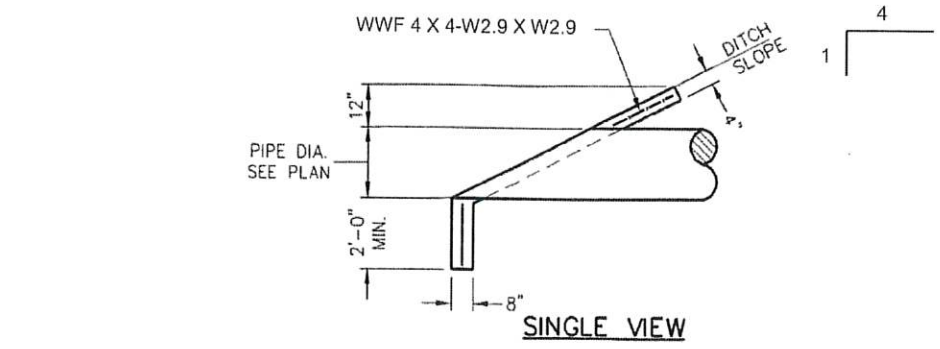
Retention/Detention facilities are to be built in conjunction with the storm sewer installation and/or grading. Since these facilities are intended to control increased runoff, they must be partially or fully operational prior to the clearing of the vegetation and subsequent construction. Silt and debris connected with early construction shall be removed periodically from the retention/detention area and control structure in order to maintain adequate storage capacity.

The responsibility for maintenance of the retention/detention facilities shall remain with the developer and or subsequent ownership entities. These entities shall clearly and explicitly accept responsibility for maintenance. These maintenance requirements do not imply that any drainage structures or systems are or will become the maintenance responsibility of Baldwin County. A letter from the owner/developer indicating the chain of responsibility for maintenance of all drainage structures or systems along with a copy of the proposed instrument of organization for the property owners' association shall be submitted with the Site Plan submittal.

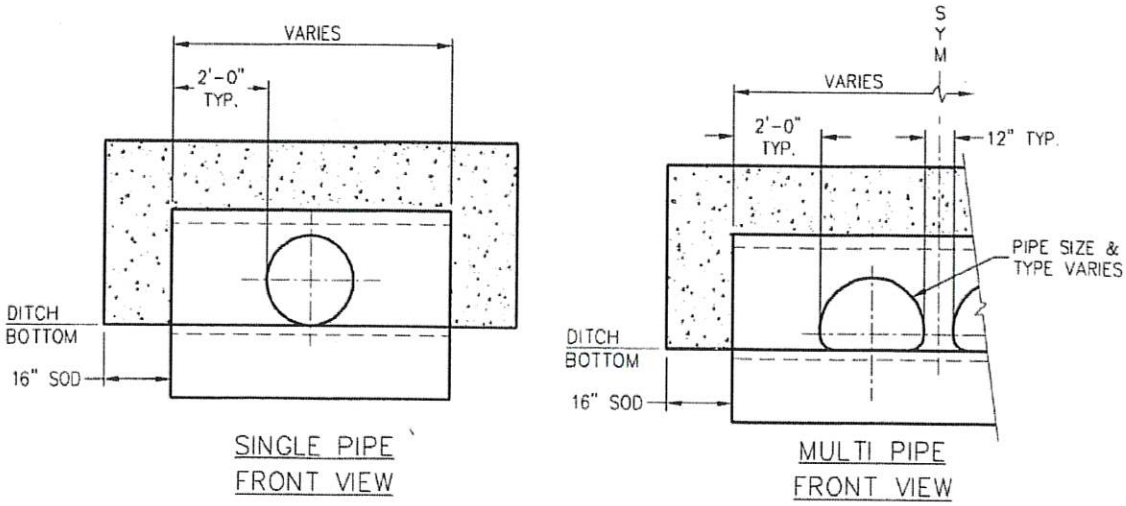
APPENDIX


DESIGN STORM PEAK DISCHARGE RATE
POST DEVELOPMENT "PEAK" DISCHARGE RATE NOT TO EXCEED PRE DEVELOPMENT DISCHARGE RATE FOR WORST CASE DESIGN STORM. (2 YEAR THRU 100 YEAR)
POST-DEVELOPMENT DISCHARGE RATE.
PRE-DEVELOPMENT DISCHARGE RATE.
(EXAMPLE) Figure 1
NOTE:
PEAK DISCHARGE RATE NOT TO INCREASE DUE TO DEVELOPMENT BUT WILL LAST LONGER THAN PRE-DEVELOPMENT PEAK RUNOFF RATE.
PREPARE SEPARATE GRAPHS FOR 25 YR, 50 YR & 100 YR STORM EVENTS.
DISCHARGE RATE (Q)
TIME (HR)
6
12
18
24
NOTE:
USE THIS GRAPHIC TO ILLUSTRATE WORST CASE SCENERIO OF 25 YEAR THRU 100 YEAR STORM WATER EVENTS. ABOVE EXAMPLE ILUSTRATES THE FORMAT TO USE FOR THE 25 YR, 50 YR & 100 YR STORMS.
PROJECTED PROPORTIONAL DISCHARGE
PRE-DEVELOPMENT VS POST DEVELOPMENT
25 YR, 50 YR & 100 YR GRAPHIC


TYPICAL DITCH CROSS SECTION
4 feet (min) Shoulder
Roadway
6% Slope (Max)
3
1
1
3



SINGLE VIEW



SINGLE PIPE FRONT VIEW

MULTI PIPE FRONT VIEW

CONCRETE SLOPED HEADWALL DETAIL

DESIGN TABLE FOR AUXILIARY LANES
BALDWIN COUNTY HIGHWAY DEPARTMENT

	Posted Speed (mph)	Posted Speed (kmh)	Taper Length (9' lane)	Taper Length (10' lane)	Taper Length (11' lane)	Taper Length (12' lane)	Decel. Lane Length (ft)	Storage Length (ft)*	Lane Shift (9' lane)	Lane Shift (10' lane)	Lane Shift (11' lane)	Lane Shift (12' lane)	
	25	40	50	50	50	50	60	50	95	105	115	125	
	30	50	50	50	50	50	80	50	135	150	165	180	
	35	55	50	50	75	75	100	50	185	205	225	245	
	40	65	75	75	100	100	150	100	240	270	300	370	
	45	70	100	100	100	100	200	100	405	450	495	540	
	50	80	125	140	155	170	240	100	450	500	550	600	
	55	90	135	150	165	180	300	100	495	550	605	660	

* - Storage Length (ft) shall be the minimum length shown or 20 times the # of vehicles anticipated in 2 minutes of the peak hour, whichever is greater.

Typical section shall provide an asphalt binder layer to be flush with existing asphalt surface, and then provide 125 #/SY of asphalt surface layer over the entire project limits.

LICENSE AGREEMENT

This LICENSE AGREEMENT (this "Agreement") between the Baldwin County Commission ("Licensor"), with an address at 312 Courthouse Square, Suite 12, Bay Minette, Alabama 36507, and **George Roberds with Roberds Corp.** ("Licensee"), with an address at **P. O. Box 1004 Fairhope, AL 36533.**

WITNESSETH:

WHEREAS, Licensor is the owner of the real property described as **Gayfer Road Ext. and Blueberry Lane right-of-way** in Baldwin County, Alabama, and more particularly shown on the Site Map and Vicinity Map, which are attached hereto and included as if fully set forth herein (the "Property");

WHEREAS, Licensee desires to obtain access to the Property for the purpose of **installing 1347 feet of 5 feet wide sidewalk of which 405 feet is already in place, 107 feet of forms are installed still need to be poured and 835 feet will still need to be formed up and poured**; and

WHEREAS, Licensor is willing to grant said access based upon the terms and conditions set forth herein.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

1. Recitals. The above recitals and statements are incorporated as part of this Agreement as if fully set forth herein.

2. Grant of Revocable, Non-Exclusive and Temporary License. Subject to the terms and conditions set forth herein, Licensor hereby grants to Licensee, **George Roberds with Roberds Corp.**, a revocable, non-exclusive and temporary license (the "License") to enter upon the Property as is reasonably required to **install 1347 feet of 5 feet wide sidewalk**. No further development or use of the Property is permitted or allowed without Licensor's prior written consent. Licensor retains the right to use the Property as it deems necessary. This License is granted to Licensee and is limited and specifically restricted to Licensee and its representatives ("Licensee Representatives"). Licensee shall have the Property surveyed and staked prior to performing any work thereon. All improvements constructed by Licensee shall be maintained by Licensee for any and all portions of the Property that are not County maintained.

3. Property. The real property subject hereto is limited to and sufficiently described as the **Gayfer Road Ext. and Blueberry Lane right-of-way** in Baldwin County, Alabama, as shown on the Site Map and Vicinity Map attached hereto. Any exhibits referenced and attached hereto shall be incorporated herein as if fully set forth.

4. Term of License (Installation and Maintenance). The term of the License for Installation and/or Maintenance shall commence on the date of full execution of this Agreement. The term for installation, unless sooner terminated, shall automatically terminate and expire at 11:59 p.m. on **September 30, 2020** according to the terms of this Agreement, or until modified by written agreement with Licensor.

5. Condition of License Area: Assumption of Risk. Licensee accepts the Property in its "WHERE IS", "AS IS", condition and acknowledges that Licensor has made no representation or warranty to Licensee as to, and has no obligation for, the condition of the Property. Licensee assumes the risk of any latent or patent defects or problems that are or may be on the Property or the improvements thereon. Licensee agrees that Licensor shall not be liable for any personal or property damage, injury or loss on account of any such

defects or problems. Licensee for itself and the Licensee Representatives waives and releases Licensor from any and all claims for injury to persons, including death, or damage to any property, whether real or personal, of Licensee or any Licensee Representatives in any way arising out of or related to the Property or Licensee's work contemplated by this Agreement.

6. Compliance. Licensee shall be responsible for obtaining any and all applicable permits. Licensee and the Licensee Representatives shall comply, at Licensee's expense, with all applicable laws, regulations, rules and orders, whether federal, state or local, and any regulation of any governmental body having jurisdiction over the Property with respect to Licensee's work and activities thereon, regardless of when they become effective. Licensee, at its cost, shall obtain any applicable licenses or permits required by applicable laws and regulations for the use of the Property. Licensee shall not use, nor permit the use, of the Property for any purpose in violation of such laws, regulations, rules or orders. Licensee agrees not to use the Property in any fashion which may in any way damage or restrict the same for future use by the public in general as a public right-of-way. Furthermore, said usage as described herein, or the placement of said usage, shall not in any way alter the present or future rights of the Licensor to move, relocate, amend, or otherwise change said travel way to any other location whatsoever. Licensee shall comply with Licensor's safety and security policies deemed to be necessary by Licensor and with such reasonable rules and regulations as Licensor, or its agents, may impose from time to time by notice to Licensee.

7. Public Property. Licensee acknowledges and consents that the Property is public in nature and that the usage hereunder is permissive. Licensee shall not obstruct or otherwise interrupt any rights of the general public to the Property. Licensee makes no claim of private ownership or other possessory interest in the Property subject hereto, and any rights of the Licensee granted by this Agreement are limited to the same extent as that of the general public. Any work performed by Licensee, or any improvements made as a result of the Licensee's work, on the Property is considered to be a benefit to the general public, and the Licensee makes no claim that such work or improvements are privately owned and waives all rights to claims that such work or improvements are private in nature. Licensee further represents and warrants that Licensor, nor any persons using said public access in conjunction with this License, may claim any personal rights in the subject property or any rights of adverse possession.

8. Indemnification. Licensee shall indemnify, defend and hold Licensor and its Commissioners, affiliates, employees, agents, representatives, contractors, subcontractors, licensee and invitees (collectively, "Licensor Representatives") harmless from and against any and all claims, demands, liabilities, damages, losses, judgments, costs, and expenses including, without limitation, attorneys' fees and costs, for any and all personal injury (including death) and property damage of any kind or nature whatsoever, incurred by or imposed upon Licensor or any Licensor Representatives, as a result of any entry upon or activity conducted by Licensee or any Licensee Representative, or any act or omission by Licensee or any Licensee Representative, or in any way arising out of or related to the Property or work contemplated by this Agreement. Licensee shall also assume the responsibility for any claims for damage done to any property due to the exercise, usage and/or presence of the resulting work as a result of this License.

9. No Alteration. Except as expressly permitted by this Agreement, Licensee shall not make nor permit any uses alterations or additions to the Property without Licensor's prior written consent.

10. Removal and Completion Upon Termination. Upon the expiration or termination of this License, Licensee shall (a) peaceably deliver to Licensor the full possession of the Property; (b) remove all materials, equipment, debris, waste, staged fill materials and improvements placed thereon by Licensee or Licensee Representatives or resulting from work under this Agreement; and (c) repair any damage to the Property and restore the Property to its condition on the date of this Agreement. Should Licensee fail, within thirty (30) days after the date of the termination of this License, to make such removal, repair and restoration, Licensor may, at its option, remove said materials, equipment and improvements and complete

said repair and restoration at the sole cost of Licensee. Licensee shall reimburse Licensor for such costs within thirty (30) days after request by Licensor.

11. Damage to Property. Licensee agrees to pay for any damage which may arise to buildings, fences, machinery, or other property of Licensor or any third party on or near the Property resulting from Licensee's operations or presence on the Property. Licensee shall reimburse any and all costs related to any and all corrections, changes or improvements deemed to be necessary by Licensor as a result of work performed pursuant to this Agreement or as a result thereof.

12. Standard of Operation: Expenses. Licensee shall conduct all of its operations in a safe and workmanlike manner. All work and activities which Licensee or Licensee Representatives perform at the Property shall be at Licensee's sole risk, cost and expense. All portions of the work performed or improvements installed by Licensee or its representatives pursuant to this Agreement shall be located and performed so as to cause minimum interference with the proper use of the rights of way and with the rights and reasonable convenience of property owners who own or occupy adjacent properties. If during the course of the Licensee's construction, operation or maintenance of the project or improvements, there occurs a disturbance of the Property by Licensee or its representatives, Licensee shall, at Licensee's expense, replace and restore the same to a condition comparable to the condition it was in immediately prior to the disturbance to the satisfaction of Licensor and within the dates specified in any permits authorizing the work.

13. Insurance. Prior to occupying or using the Property, Licensee shall carry, with insurers satisfactory to Licensor, throughout the term hereof, Auto Liability Insurance, including owned, hired and non-owned vehicles, with limits of not less than $1,000,000, combined single limit, for both bodily injury liability and property damage liability for each occurrence. Commercial General Liability Insurance, including all contractual liability hereunder, with limits not less than $1,000,000, combined single limit, for both bodily injury liability and property damage liability for each occurrence; and Worker's Compensation Insurance, meeting the statutory limits of the state where the Property is located and Employer's Liability Insurance fully covering all employees and supervisors participating in the work at the Property with limits not less than $1,000,000 each accident and $1,000,000 each employee disease. All liability insurance shall name Licensor as an additional insured. Prior to commencing operations hereunder, a Certificate of Insurance evidencing such coverage, satisfactory to Licensor, shall be furnished to Licensor, which shall specifically state that such insurance shall provide for at least ten (10) days' notice to Licensor in the event of cancellation, termination or any change in such insurance policies. The workers compensation certificate shall bear an endorsement clearly evidencing a waiver of the right of subrogation against Licensor and Licensor Representatives. Should Licensee fail to furnish current evidence upon demand of any insurance required hereunder, or in the event of cancellation, termination or change in any such insurance, Licensor may, at its option, suspend this Agreement until insurance is obtained or terminate this Agreement immediately without further action.

14. Responsibility. Licensee shall be responsible for compliance by Licensee Representatives with the terms of this Agreement and for all acts or omissions by Licensee Representatives on the Property.

15. No Assignment. Licensee shall not have the right to assign this Agreement or any rights or obligations hereunder without Licensor's prior written permission. Any attempted assignment shall be void. No assignment shall relieve Licensee of its liabilities and obligations herein.

16. Agency. It is neither the express nor the implied intent of Licensor or Licensee to create an agency relationship pursuant to this License; therefore, any actions of the parties shall not be considered or implied to create such agency.

17. No Waiver. The failure of Licensor or Licensee to insist upon a strict performance of any of the terms, conditions and covenants herein shall not be deemed a waiver of any subsequent breach or default in the terms, conditions and covenants herein contained.

18. Termination. It is understood and agreed that Licensor, in its absolute discretion, with or without cause or hearing, may terminate the License and permission herein granted to Licensee. Termination of the License and permission herein granted may be accomplished in writing, or orally. Once notice of termination is given by Licensor to Licensee, the permission herein granted shall immediately and automatically terminate, and Licensee shall have no further right, permission or authority to utilize the Property. All representations, assurances and indemnity obligations set forth in this Agreement shall survive termination or expiration of this Agreement.

19. Miscellaneous.

(a) This Agreement shall not be construed more strictly against one party than against the other merely by virtue of the fact that it may have been prepared by counsel for one of the parties. Both Licensor and Licensee have contributed substantially and materially to the preparation of this Agreement.

(b) This Agreement shall apply to and bind the successors and permitted assigns of the respective parties.

(c) This Agreement embodies the entire agreement and understanding of the parties, and there are no further or prior agreements or understandings, written or oral, in effect between the parties relating to the subject matter hereof.

(d) This Agreement may not be modified orally or in any manner other than by an agreement in writing signed by the parties or their respective successors or permitted assigns.

(e) The headings in this Agreement are for convenience of reference only and shall not limit or otherwise affect the meaning hereof.

(f) This Agreement may be executed in any number or counterparts, each of which shall be an original, but all of which together shall constitute one and the same instrument. This agreement may be delivered by facsimile transmission.

(g) This Agreement shall be construed in accordance with and governed by the laws of the State of Alabama, with proper venue for any action arising hereunder lying in Baldwin County.

(h) Licensee's obligations under this Agreement shall survive expiration or termination of this Agreement.

20. Financial Terms/Conditions. Licensee shall incur and absorb all financial responsibility that arises to complete the project and/or work contemplated by this Agreement and shall remain responsible for the duration of the Agreement. The Licensor shall not incur any expense of the usage or maintenance described in this Agreement. These financial responsibilities shall lie solely with the Licensee.

21. Terms of Maintenance Agreement. Any damage to the existing Property caused by periodic maintenance to the Property shall be the sole responsibility of the Licensee to repair at the Licensee's expense.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date of full execution by Licensor below.

LICENSEE: ROBERDS CORP.

BY: George W. Roberds / 05.18.20
/Date

State of Alabama)

County of Baldwin)

I, Jennifer Jeffries, a Notary Public in and for said County, in said State, hereby certify that George W. Roberds, is the individual whose name is signed to the foregoing instrument, and who is known to me, acknowledged before me on this day that, being informed of the contents of the instrument, he/she executed the same with full authority to do so voluntarily and personally on the day the same bears date.

Given under my hand and official seal, this the 18 day of May, 2020.

Notary Public

My Commission Expires: 1-5-21

LICENSOR:

BALDWIN COUNTY, ALABAMA

5/21/2020

Joey Nunnally /Date
County Engineer

State of Alabama)

County of Baldwin)

I, Lisa O. Sangster, a Notary Public in and for said County, in said State, hereby certify that Joey Nunnally, as Baldwin County Engineer, and whose name is signed to the foregoing instrument, and who is known to me, acknowledged before me on this day that, being informed of the contents of the instrument, he executed the same with full authority to do so voluntarily on the day the same bears date.

Given under my hand and official seal, this the 21 day of May, 2020.

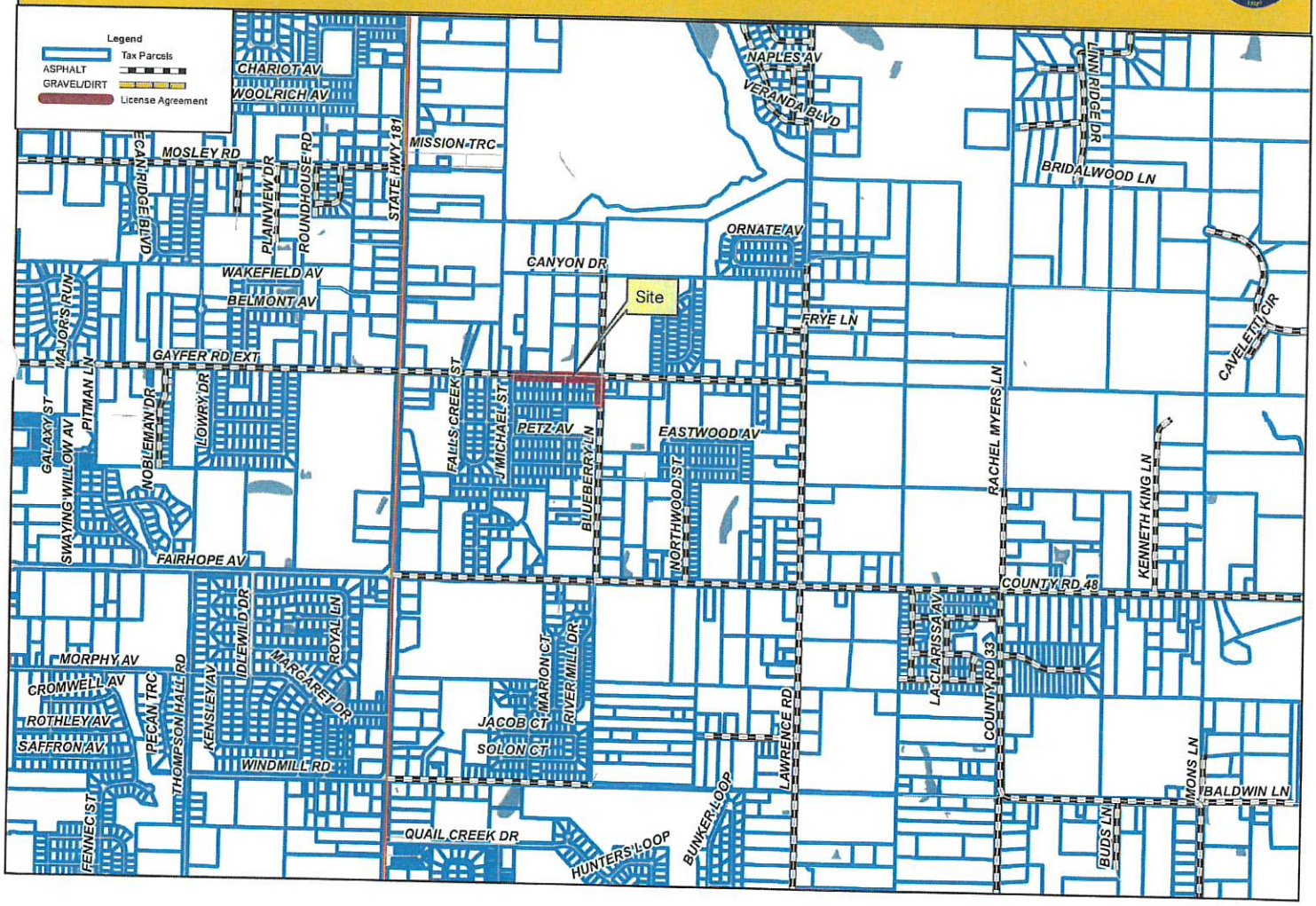
Lisa O Sangster

Notary Public

My Commission Expires: August 17, 2022

LA# 20011 - Gayfer Road Ext and Blueberry Lane Sidewalk
Site Map

LA# 20011 - Gayfer Road Ext and Blueberry Lane Sidewalk
Vicinity Map



Baldwin County Commission

Baldwin County Commission Regular Meeting Minutes
Wednesday, February 17, 2021
10:00 AM

Baldwin County Administration Building
County Commission Chambers
322 Courthouse Square
Bay Minette, Alabama 36507

District 1 – Commissioner James E. Ball
District 2 – Commissioner Joe Davis, III
District 3 – Commissioner Billie Jo Underwood
District 4 – Commissioner Charles F. Gruber

Wayne A. Dyess, County Administrator

WELCOME BY CHAIRMAN, INVOCATION AND PLEDGE OF ALLEGIANCE

Present: 4 - Commissioner James E. Ball, Commissioner Joe Davis III, Commissioner BillieJo Underwood, and Commissioner Charles F. Gruber

Absent: 0

Also present were Wayne Dyess, County Administrator, and Laura Coker, County Attorney.

The Chairman called the meeting to order at 10:07 a.m. After the prayer led by Pastor Rick Malugani of Fairhope Christian Church, and the Pledge of Allegiance led by Commissioner James E. Ball, the Commission transacted the following business to-wit:

A ADOPTION OF MINUTES

February 2, 2021, Regular Meeting

Motion by Commissioner James E. Ball, seconded by Commissioner BillieJo Underwood, to adopt the minutes of the February 2, 2021, Regular meeting.

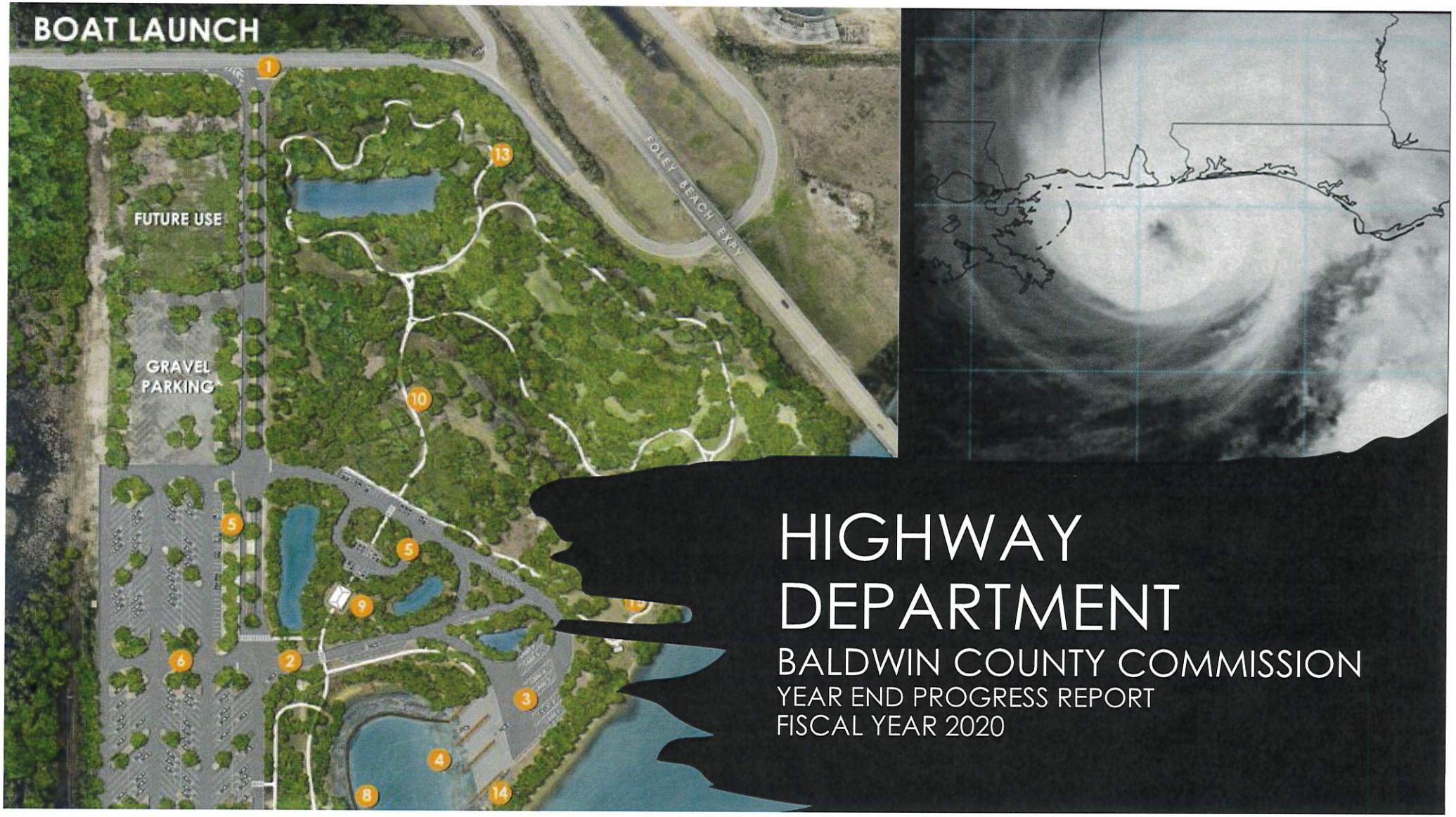
The motion passed by the following vote:

Aye: 4 - James E. Ball, Joe Davis III, BillieJo Underwood, and Charles F. Gruber
Nay: 0
Absent: 0
Abstain: 0

B ACTION ITEMS

BA ADMINISTRATION

Wayne Dyess, County Administrator, said there are three items under Administration for the Commission's approval.



HIGHWAY DEPARTMENT

BALDWIN COUNTY COMMISSION

YEAR END PROGRESS REPORT
FISCAL YEAR 2020

HIGHWAY DEPARTMENT

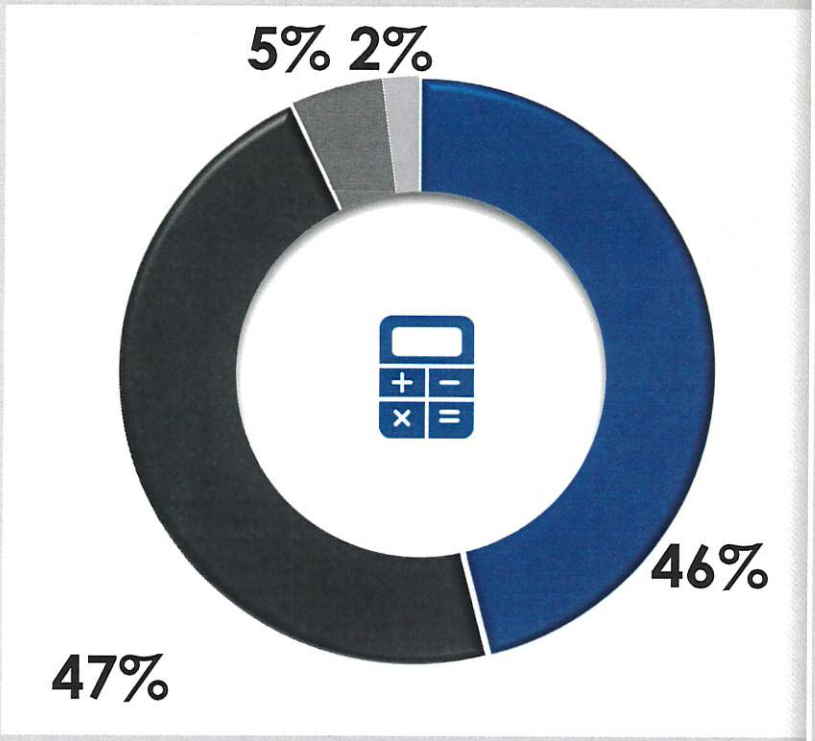
Major Goals

- To plan, construct, and maintain roads, bridges, and parks
- To facilitate the safe, efficient travel of Baldwin County residents and visitors
- To continuously improve operational efficiency and accountability

OVERVIEW

Fiscal Year 2005	Fiscal Year 2020
➢162,564 population	➢223,234 population (2019)
➢1,429 miles of road	➢1,557 miles of road
➢136 bridges • 379,000 sq. ft. of bridge surface	➢161 bridges (1 closed) • 835,239.17 sq. ft. of bridge surface

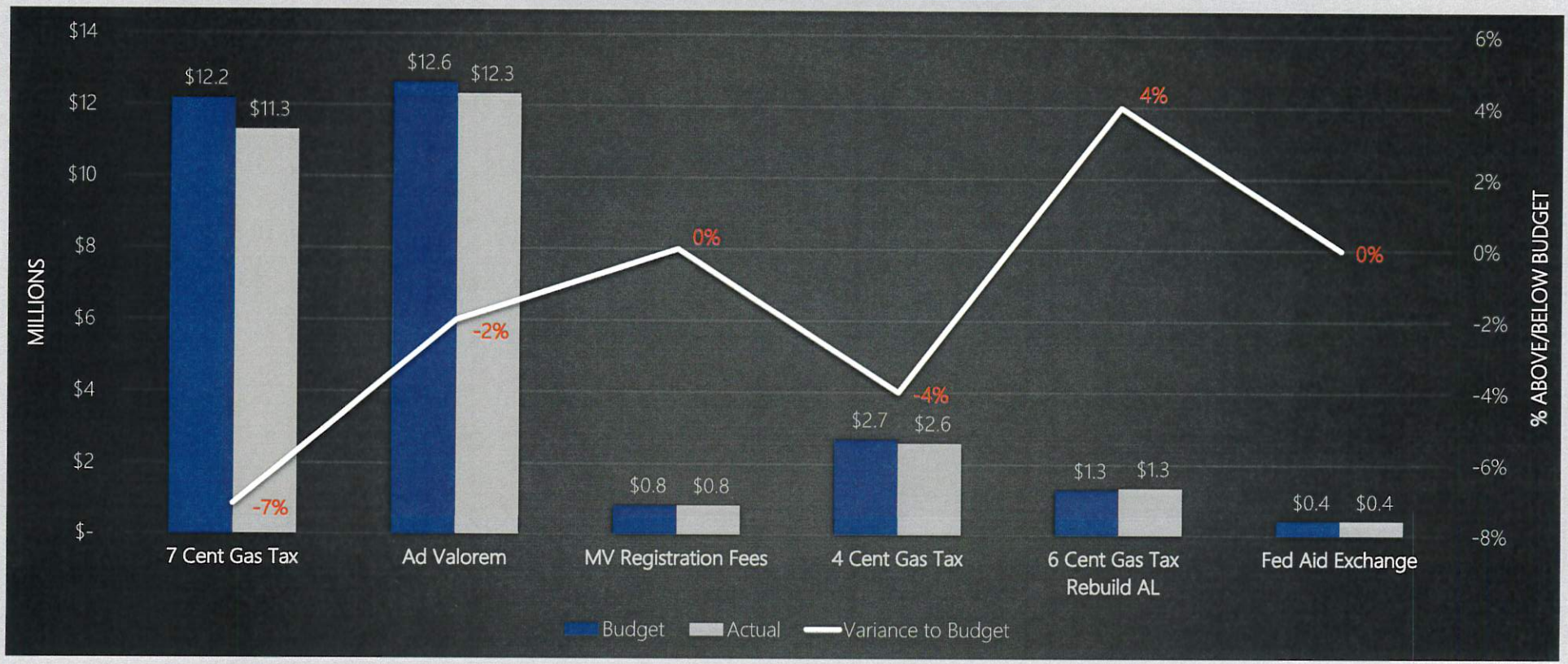
FY 2020 BUDGETED REVENUE



- Gas Tax
- Intergovernmental
- Fund Balance
- Other Revenue

FY20 HIGHWAY REVENUES

Budgeted vs Actual

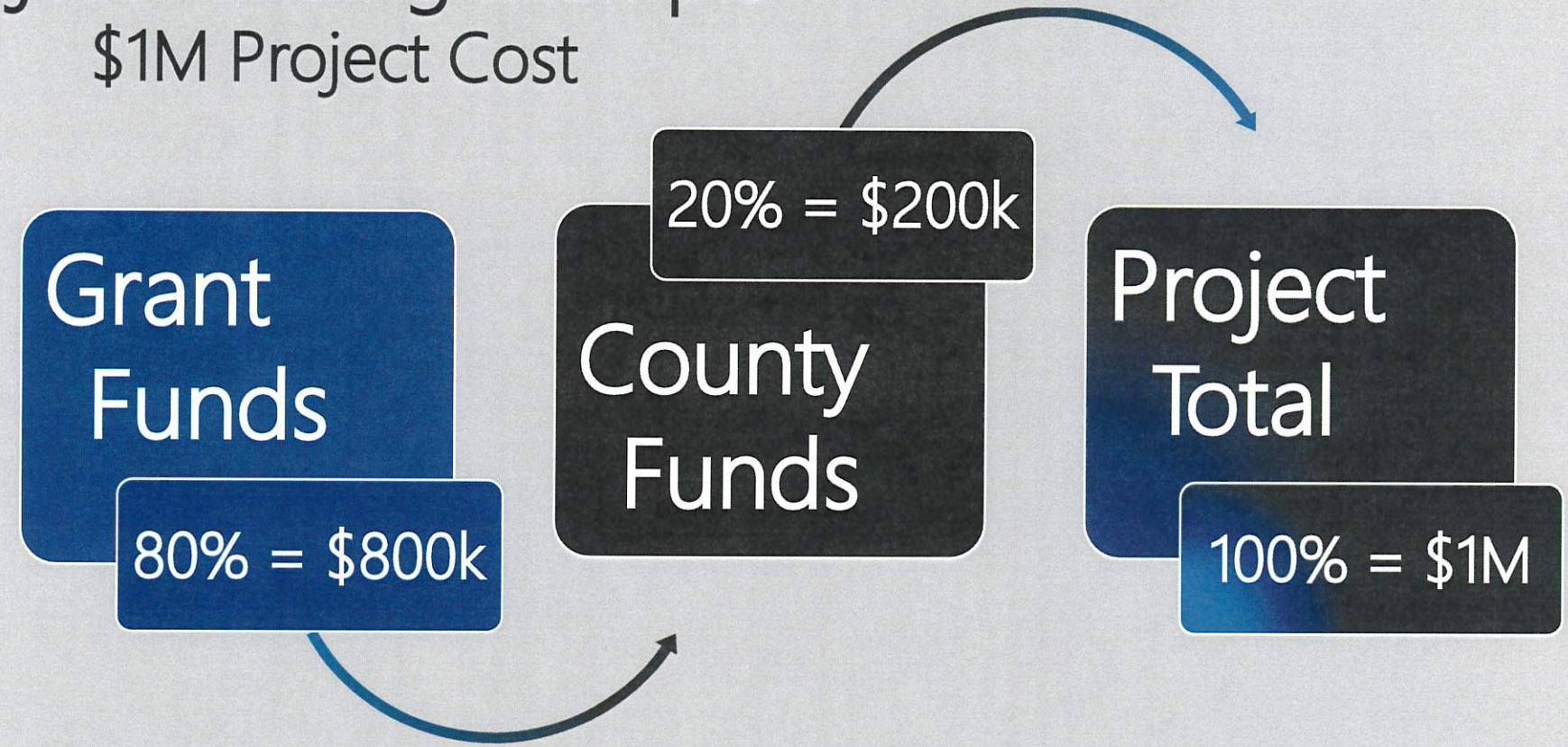


Federal and State Grants

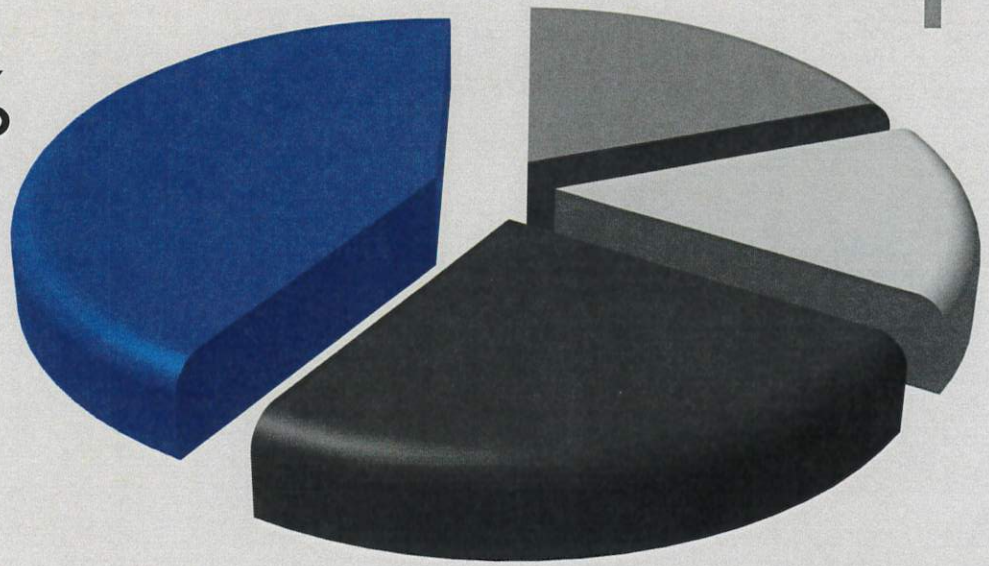
Resources and Ecosystems Sustainability, Tourist Opportunities, and Revived Economies of the Gulf Coast States Act of 2012	Federal Aid Federal Aid Exchange Fund	Transportation Alternatives Program	Accelerated Innovative Deployment
Alabama Transportation Rehabilitation Improvement Program	Gulf Of Mexico Security Act of 2006	Highway Safety Improvement Program	Emergency Watershed Protection
Metropolitan Planning Organization	County Rebuild Alabama Funds	Emergency Repair	Federal Emergency Management Agency

Project Funding Example

$1M Project Cost



FY 2020 BUDGETED ANNUAL EXPENDITURES



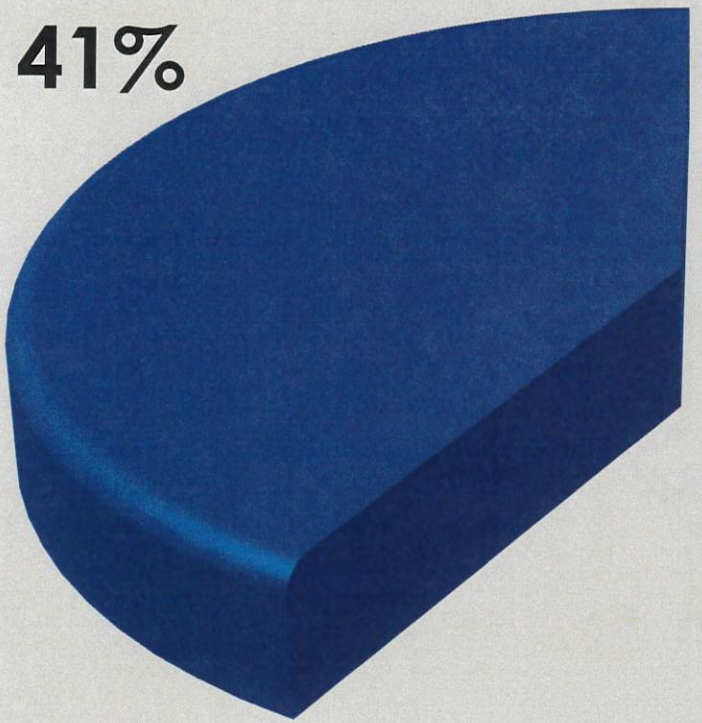
Projects | 41%

19% | Maintenance

15% | Engineering/Admin

Capital Expenditures | 25%

PROJECTS



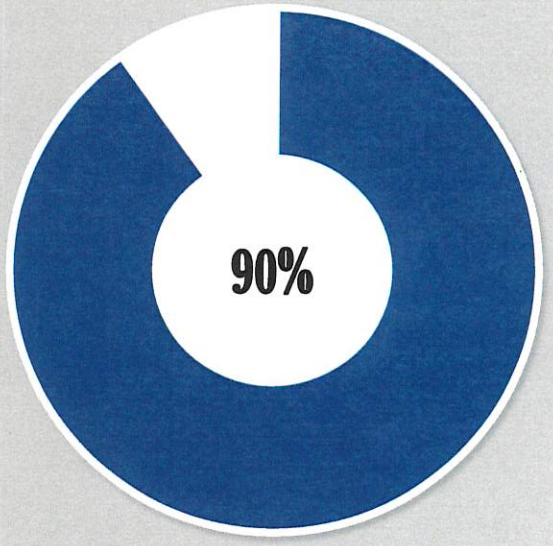
- Resurfacing Projects
- Dirt Road Paving Projects
- Bridge Projects
- New Road Construction
- Safety Improvements
- Capacity Improvements
- Drainage Improvements
- Park Improvements

RESURFACING PROJECTS
AS OF SEPTEMBER 30, 2020

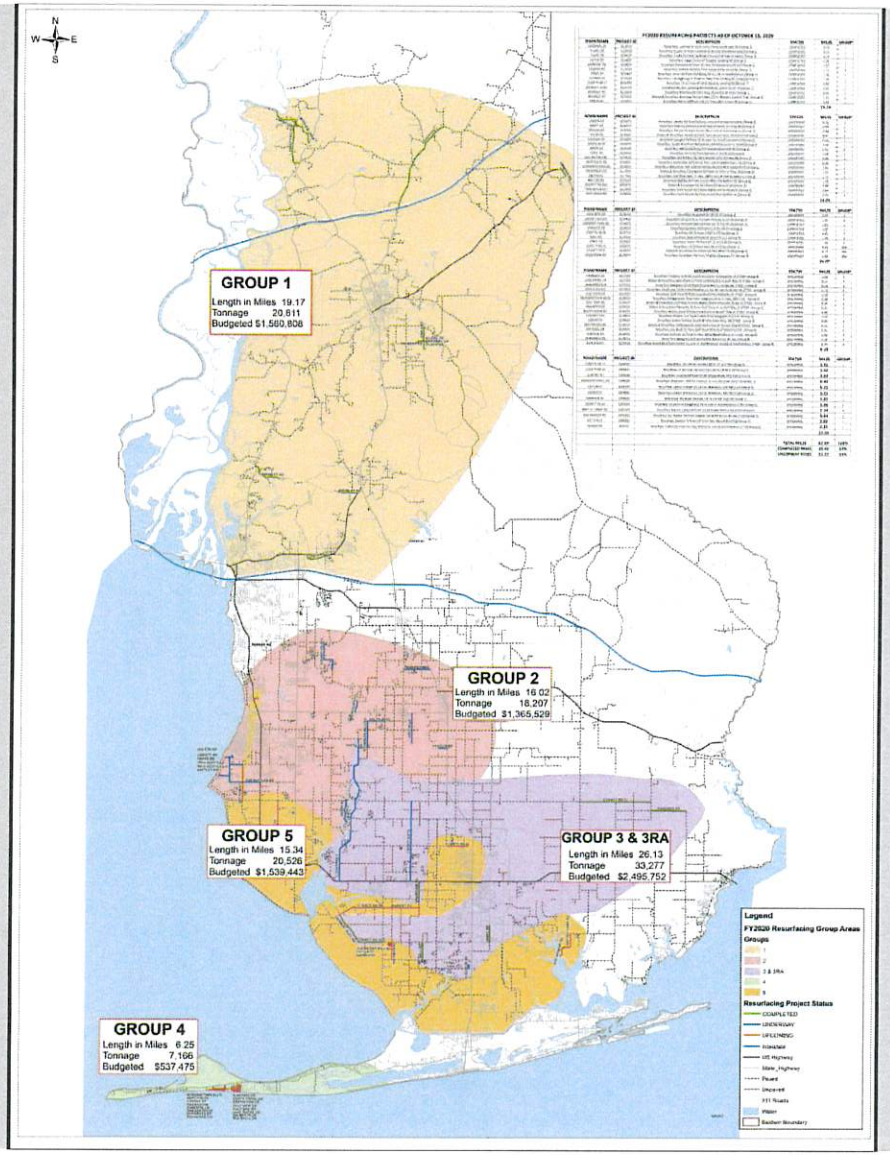
Goals

- Resurface 84.87 miles
  - *76.44 miles complete*
  - *8.69 miles in-progress*

% of Goals Met



BUDGETED RESURFACING PROJECTS



RESURFACING PROJECTS
COMPLETED

0215419 – County Road 21 (Group 1)	Start Date	Complete Date	Area
CR 21 from SR 59 to Bryants Landing Rd	01/23/20	04/08/20	100

RESURFACING PROJECTS
COMPLETED

0215619 – Bromley Road (Group 1)	Start Date	Complete Date	Area
Bromley Rd from Hwy 31 west 0.95 miles	01/23/20	03/30/20	100

RESURFACING PROJECTS
COMPLETED

0216619 – Ferry Road (Group 2)	Start Date	Complete Date	Area
Ferry Rd from Keeney Dr to CR 32	04/02/20	10/01/20	200

RESURFACING PROJECTS
COMPLETED

0217419 – Twin Beech Road S (Group 2)	Start Date	Complete Date	Area
Twin Beech Rd S from Battles Rd to Heard Rd	04/02/20	10/01/20	200

Rebuild Alabama

RESURFACING PROJECTS
COMPLETED

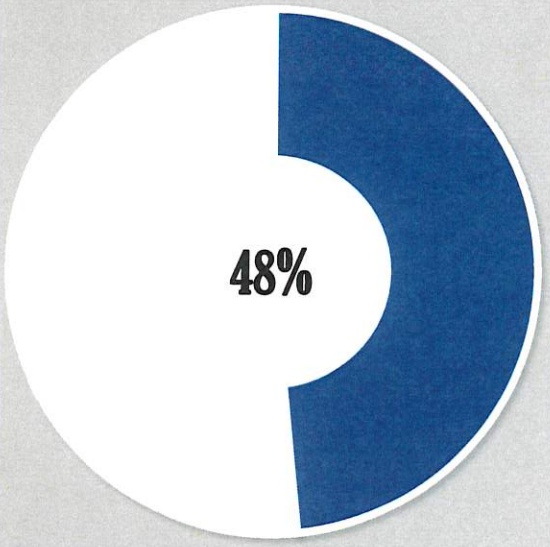
0219819 – Grantham Road (Group 3RA)	Start Date	Complete Date	Area
Grantham Rd from CR 26 to US 98	05/26/20	10/01/20	200

DIRT ROAD PAVING PROJECTS
AS OF SEPTEMBER 30, 2020

Goals

- Pave 13.55 miles
  - *6.56 miles complete*
  - *2.82 miles in-progress*
  - *4.17 miles not started*

% of Goals Met



Total Budget: $2,193,150

GOMESA

DIRT ROAD PAVING PROJECTS
COMPLETE

0211719 – Gap Weekly Road	Start Date	Complete Date	Area
Gap Weekly Rd from CR 61 to End of Maintenance	04/21/20	09/30/20	100

GOMESA

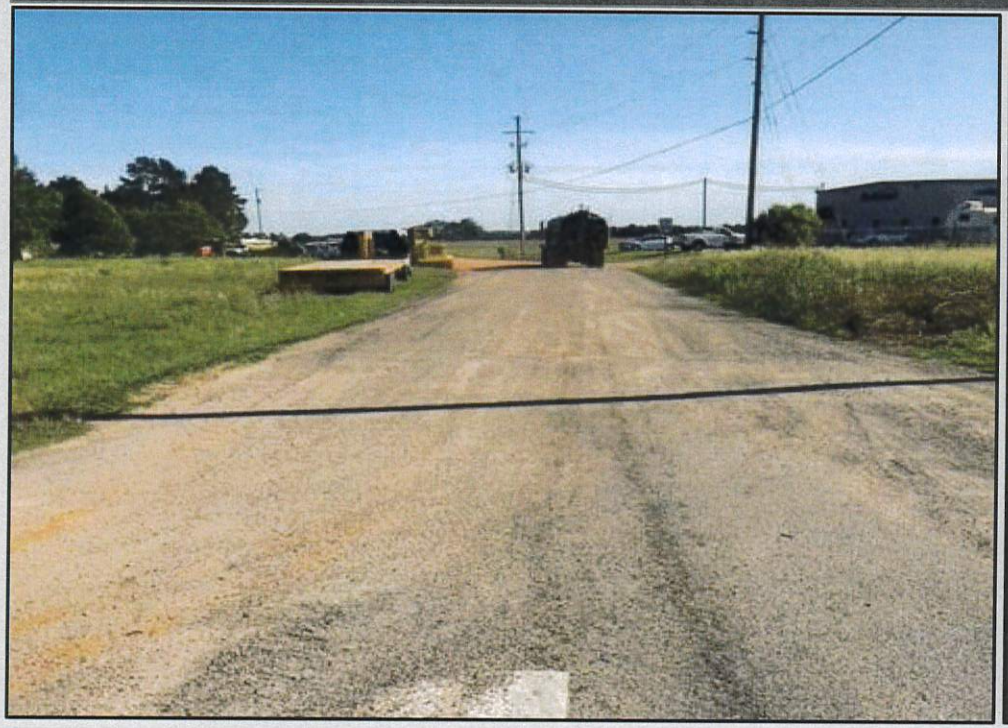
DIRT ROAD PAVING PROJECTS
COMPLETE

0203920 – N Magnolia Street	Start Date	Complete Date	Area
N Magnolia St from SR 59 to Flowerwood Rd	04/27/20	08/10/20	200

GOMESA

DIRT ROAD PAVING PROJECTS
COMPLETE

0204120 – Cabinet Shop Road	Start Date	Complete Date	Area
Cabinet Shop Rd from SR 59 to Hinote Glass Rd	04/23/20	05/06/20	200



GOMESA

DIRT ROAD PAVING PROJECTS
COMPLETE

0206511 – County Road 26	Start Date	Complete Date	Area
CR 26 from CR 95 to Breman Rd	12/05/19	08/10/20	200

GOMESA

DIRT ROAD PAVING PROJECTS
COMPLETE

0211619 – Miflin Creek Road	Start Date	Complete Date	Area
Miflin Creek Rd from CR 20 to Beginning of Pavement	12/09/19	01/28/20	300

GOMESA

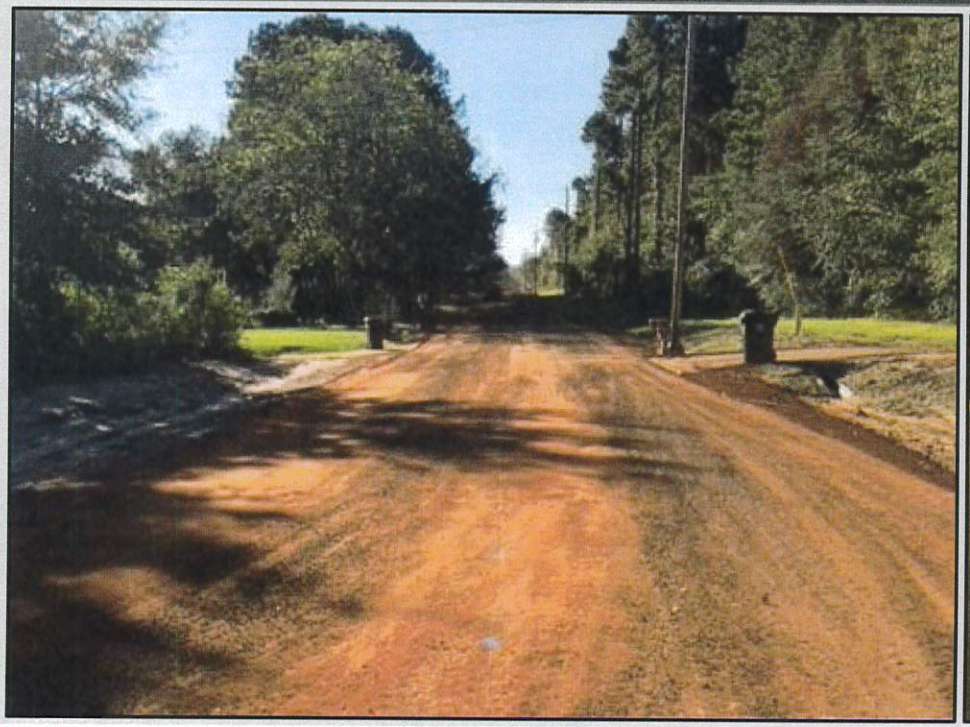
DIRT ROAD PAVING PROJECTS
COMPLETE

0209019 – Juniper Street N	Start Date	Complete Date	Area
Juniper St N from CR 24 to South End of Dirt Rd	09/27/19	10/23/19	300

GOMESA

DIRT ROAD PAVING PROJECTS
COMPLETE

0204415 – Miller Lane	Start Date	Complete Date	Area
Miller Ln from CR 9 to End of Maintenance	09/18/19	01/28/20	300



GOMESA

DIRT ROAD PAVING PROJECTS
COMPLETE

0216209 – Poser Road	Start Date	Complete Date	Area
Poser Rd from Brewer Rd to Charolais Rd	11/05/18	12/02/19	300

GOMESA

DIRT ROAD PAVING PROJECTS
COMPLETE

0222211 – Brewer Road	Start Date	Complete Date	Area
Brewer Rd from CR 65 to Poser Rd	03/30/20	07/08/20	300

Dirt Road Paving - Scheduled to be Completed After 10/01/20

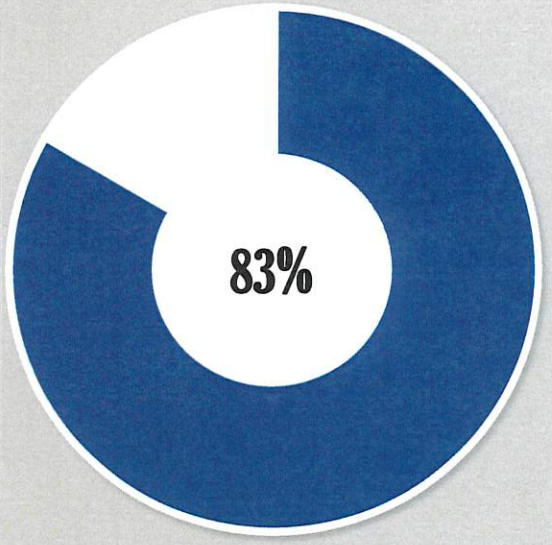
PROJECT #	NAME	FROM	TO	LENGTH	12/31/20 Status
0204511	Bender Road	US 98	Sprinsteen Rd	0.44	Started
0210919	Breman Road	County Road 26	Feely Road	0.51	Started
0211019	Mannich Lane	County Road 49	Norris Lane	0.55	Started
0211519	Royal Lane	End of Pavement	End of Maintenance	0.47	Started
0212719	South Boulevard	County Road 55	West Boulevard	0.51	Started
0222619	Higbee Road	End of Pavement	SR 181	1.80	Started
0203616	Kings Landing Road	Three Rivers Road	Kingsway Road	0.95	Not started
0204020	Bender Road	Springsteen Road	End of Maintenance	0.50	Not started
0204216	George Younce Road	County Road 24	End of Maintenance	0.52	Not started
0204416	Brantley Lane	County Road 26	End of Maintenance	0.74	Not started
			Total Scheduled	**6.99**	

BRIDGE PROJECTS
AS OF SEPTEMBER 30, 2020

Goals

- Complete construction on 4 bridges
  - *3 bridges complete*
  - *1 in-progress*
- Begin construction on 2 bridges
  - *2 bridges under construction*

% of Goals Met



Emergency Repair (FHWA)

BRIDGE PROJECTS
COMPLETED

0216014 – County Road 9 Bridge	Start Date	Complete Date	Area
County Rd 9 Bridge over Polecat Creek	12/11/2017	01/03/2020	300

BRIDGE PROJECTS
COMPLETED

0218017 – Hoyle Bryars Road Bridge	Start Date	Complete Date	Area
Hoyle Bryars Rd Bridge over Bushy Creek West	02/13/19	03/03/20	100

Federal Aid

BRIDGE PROJECTS
COMPLETED

0204517 – County Road 9 Bridge	Start Date	Complete Date	Area
County Rd 9 Bridge over Barner Branch	10/28/19	09/30/20	300

BRIDGE PROJECTS
IN-PROGRESS

0205418 – Fred Dugger Road Bridge	Start Date	Complete Date	Area
Fred Dugger Rd Bridge at Unnamed Tributary	01/16/20	In-Progress	300

BRIDGE PROJECTS
IN-PROGRESS

0218117 – Hoyle Bryars Road Bridge	Start Date	Complete Date	Area
Hoyle Bryars Rd Bridge over Bushy Creek East	06/08/20	In-Progress	100

BRIDGE PROJECTS
IN-PROGRESS

0208719 – Linholm Road Bridge	Start Date	Complete Date	Area
Linholm Rd Bridge over 8 Mile Creek	07/20/20	In-Progress	200

Accelerated Innovative Deployment

BRIDGE PROJECTS
IN DESIGN

0206219 – County Road 65 Bridge	Target Start Date	Complete Date	Area
County Rd 65 Bridge over Turkey Branch	01/01/21	In-Progress	300

Accelerated Innovative Deployment

BRIDGE PROJECTS
IN DESIGN

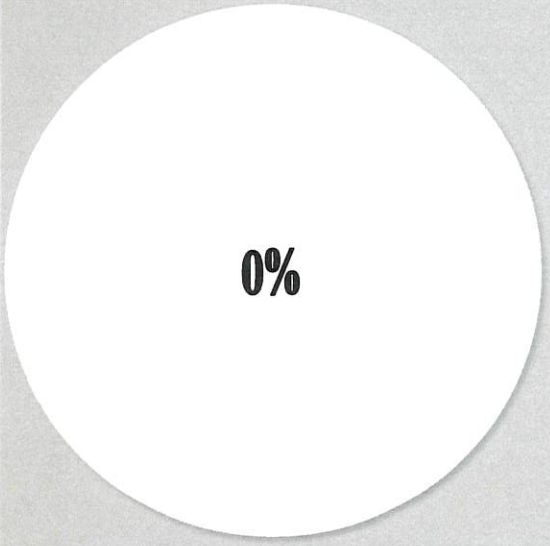
0206319 – Doc McDuffie Road Bridge	Target Start Date	Complete Date	Area
Doc McDuffie Rd Bridge over Wolf Creek	01/01/21	In-Progress	300

NEW ROAD CONSTRUCTION PROJECTS
AS OF SEPTEMBER 30, 2020

Goals

- Secure funding and begin ROW acquisitions on Baldwin Beach Express II
  - *Toll Authority vote failed to pass*

% of Goals Met

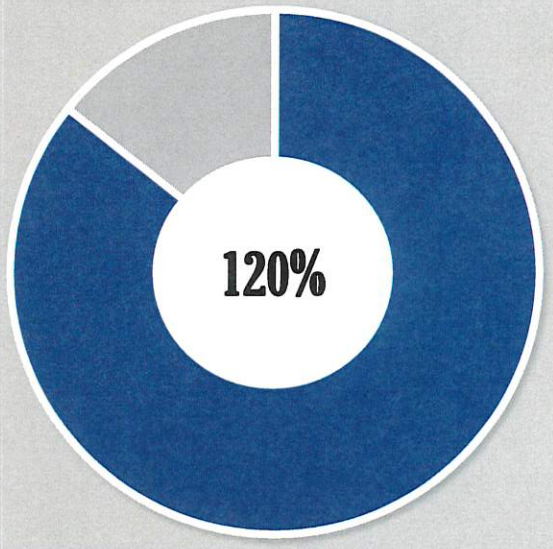


SAFETY IMPROVEMENT PROJECTS
AS OF SEPTEMBER 30, 2020

Goals

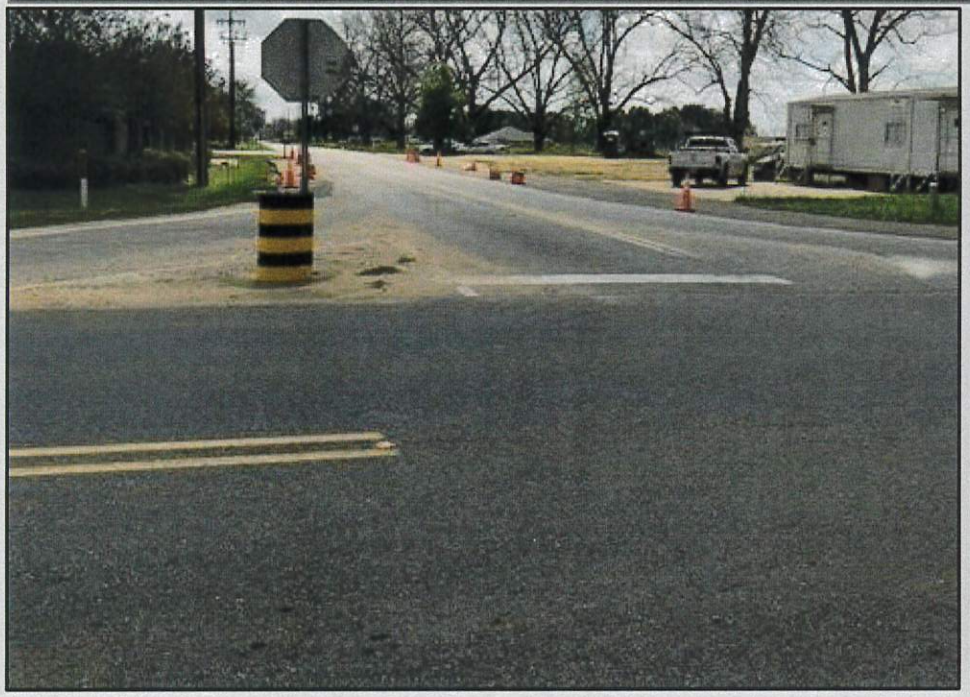
- Complete construction on 3 projects
  - *4 projects complete*
  - *1 project in-progress*
- Begin construction on 2 projects
  - *1 project under construction*
  - *1 project in design*

% of Goals Met



SAFETY IMPROVEMENT PROJECTS
COMPLETE

0214419 – County Road 54 E	Start Date	Complete Date	Area
Intersection Improvements at County Rd 64	02/03/20	08/13/20	200



High Risk Rural Roads

SAFETY IMPROVEMENT PROJECTS
COMPLETE

0206418 – Countywide	Start Date	Complete Date	County -Wide
Guardrail Project at various bridges	01/06/20	03/04/20	

Hoyle Bryars Rd

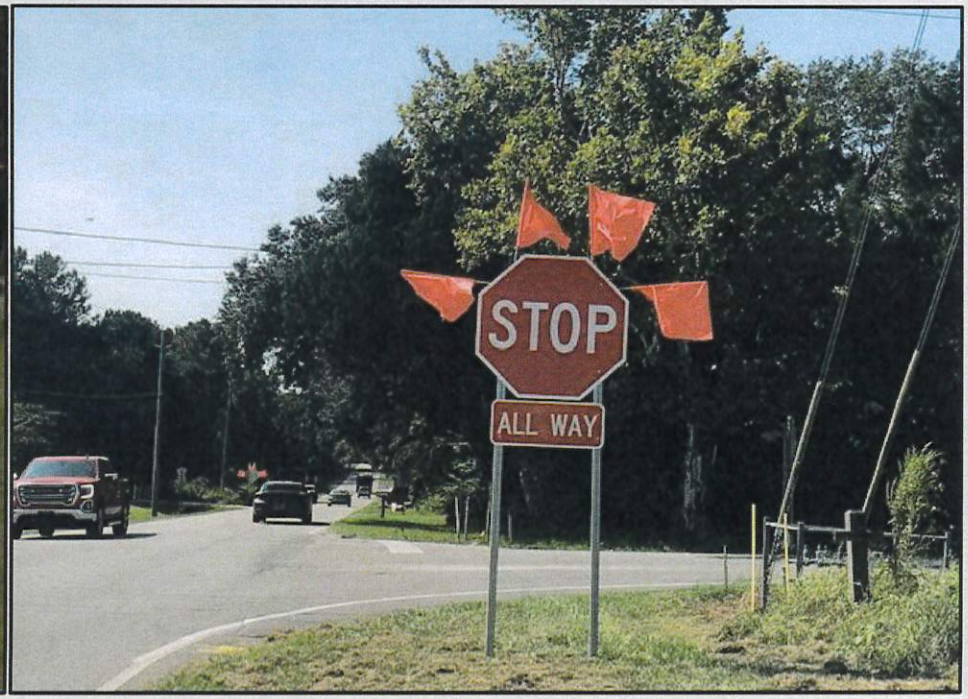
Scranage Rd

SAFETY IMPROVEMENT PROJECTS
COMPLETE

0203720 – Martin Lane	Start Date	Complete Date	Area
Widen Martin Ln from US 98 to 400 ft South	04/03/20	05/19/20	200

SAFETY IMPROVEMENT PROJECTS
COMPLETE

0207020 – County Road 65 Intersection Improvements at County Rd 16	Start Date 09/09/20	Complete Date 09/09/20	Area 300



Multi-Agency Funding

SAFETY IMPROVEMENT PROJECTS
IN-PROGRESS

0213819 – County Road 28	Start Date	Complete Date	Area
Traffic Light Install at SR 59 Intersection	07/13/20	In-Progress	300

Eastern Shore MPO

SAFETY IMPROVEMENT PROJECTS
IN-PROGRESS

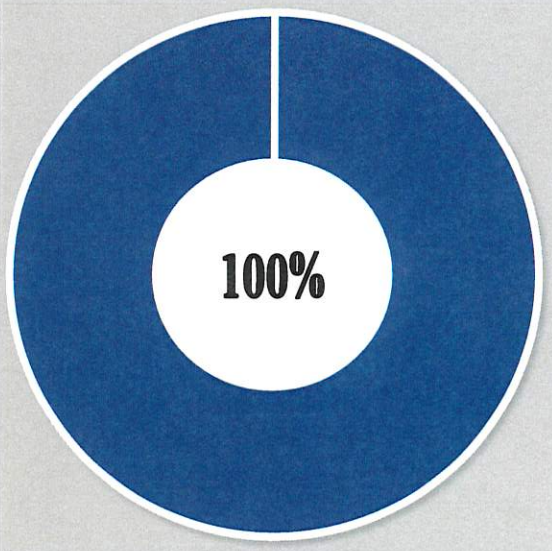
0209719 – County Road 34	Start Date	Complete Date	Area
Traffic Light Install at US 98 Intersection	03/23/20	In-Progress	200

CAPACITY IMPROVEMENT PROJECTS
AS OF SEPTEMBER 30, 2020

Goals

- Begin design on 1 project
  - *1 in design phase*

% of Goals Met



Eastern Shore MPO

CAPACITY IMPROVEMENT PROJECTS
IN DESIGN PHASE

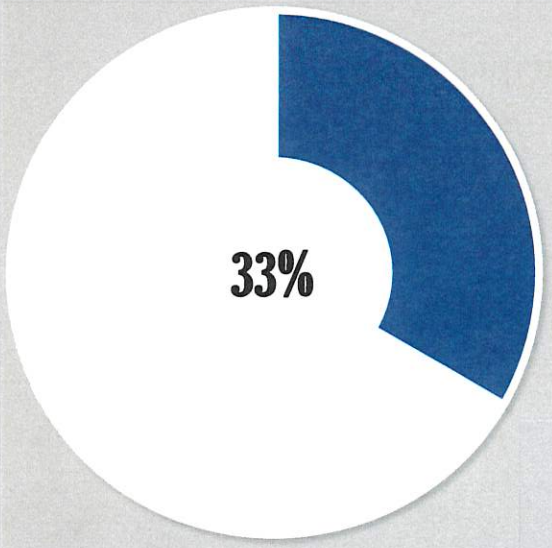
0206818 – County Road 64	Start Date	Complete Date	Area
CR 64 from SR 181 to Montelucia Way	In Design Phase		200

DRAINAGE IMPROVEMENT PROJECTS
AS OF SEPTEMBER 30, 2020

Goals

- Complete construction on 3 projects
  - *1 site complete*
  - *1 site under construction*
  - *1 site postponed*

% of Goals Met



DRAINAGE IMPROVEMENT PROJECTS
COMPLETE

0203918 – County Road 1	Start Date	Complete Date	Area
Drainage Improvements at 11439 CR 1	06/02/20	06/05/20	200

DRAINAGE IMPROVEMENT PROJECTS
IN-PROGRESS

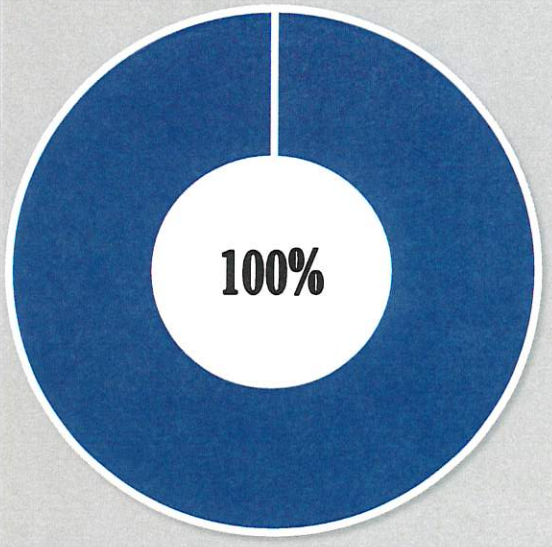
0216717 – Fernwood Drive W	Start Date	Complete Date	Area
Improvements on Fernwood Dr W	05/14/20	In-Progress	300

PARK IMPROVEMENT PROJECTS
AS OF SEPTEMBER 30, 2020

Goals

- Complete construction on 4 projects
  - *4 projects complete*

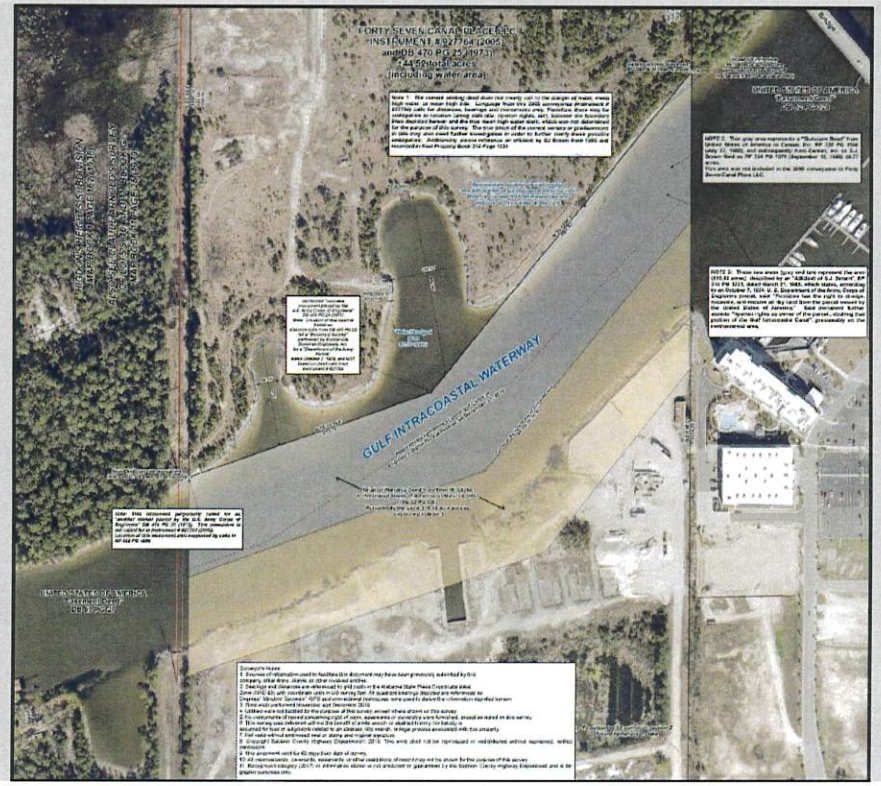
% of Goals Met



GOMESA

PARK IMPROVEMENT PROJECTS
COMPLETE

0216617 – ICW Boat Launch	Start Date	Complete Date	Area
Property Acquisition	10/21/19	02/19/20	300



US Dept of Interior
Fish & Wildlife

PARK IMPROVEMENT PROJECTS
COMPLETE

0214119 – Morgantown Water Access Boardwalk Extension	Start Date 04/09/20	Complete Date 08/04/20	Area 300

PARK IMPROVEMENT PROJECTS
COMPLETE

0206919 – Bicentennial Park Restroom Facilities	Start Date 07/29/19	Complete Date 01/03/20	Area 100

SPECIAL PROJECTS
COMPLETE

0203320 – Scenic 98 Pedestrian Bridge Deck Replacement – Fly Creek	Start Date 06/08/20	Complete Date 09/30/20	Area 200

SPECIAL PROJECTS
COMPLETE

0203320 – Scenic 98 Pedestrian Bridge Deck Replacement – Red Gulley Bridge	Start Date	Complete Date	Area
	06/08/20	09/30/20	200

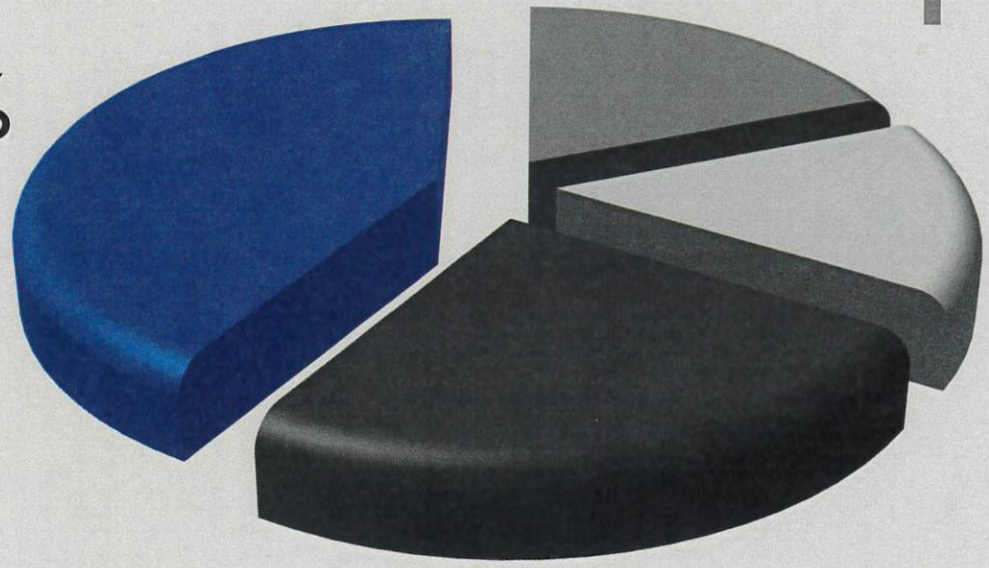
SPECIAL PROJECTS
COMPLETE

0203320 – Scenic 98 Pedestrian Bridge Deck Replacement – Rock Creek Bridge	Start Date 06/08/20	Complete Date 09/30/20	Area 200

SPECIAL PROJECTS
COMPLETE

0203320 – Scenic 98 Pedestrian Bridge Deck Replacement – Unmarked Bridge	Start Date 06/08/20	Complete Date 09/30/20	Area 200

FY 2020 BUDGETED ANNUAL EXPENDITURES



Projects | 41%

19% | Maintenance

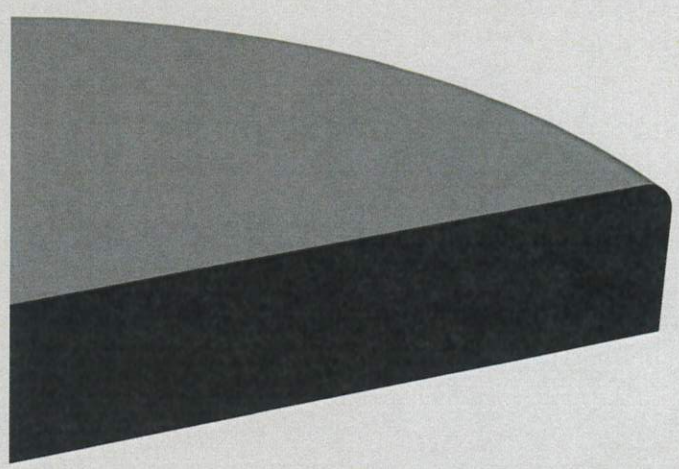
15% | Engineering/Admin

Capital Expenditures | 25%

MAINTENANCE ACTIVITIES

- Maintenance Facilities
  - Area 100
  - Area 200
  - Area 300
- Traffic Operations

19%



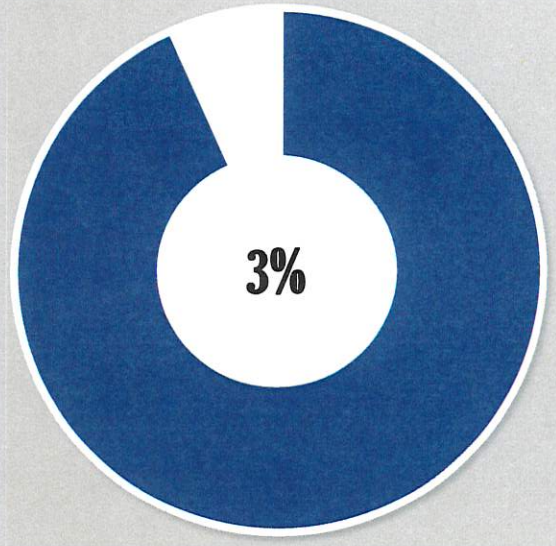
MAINTENANCE ACTIVITIES

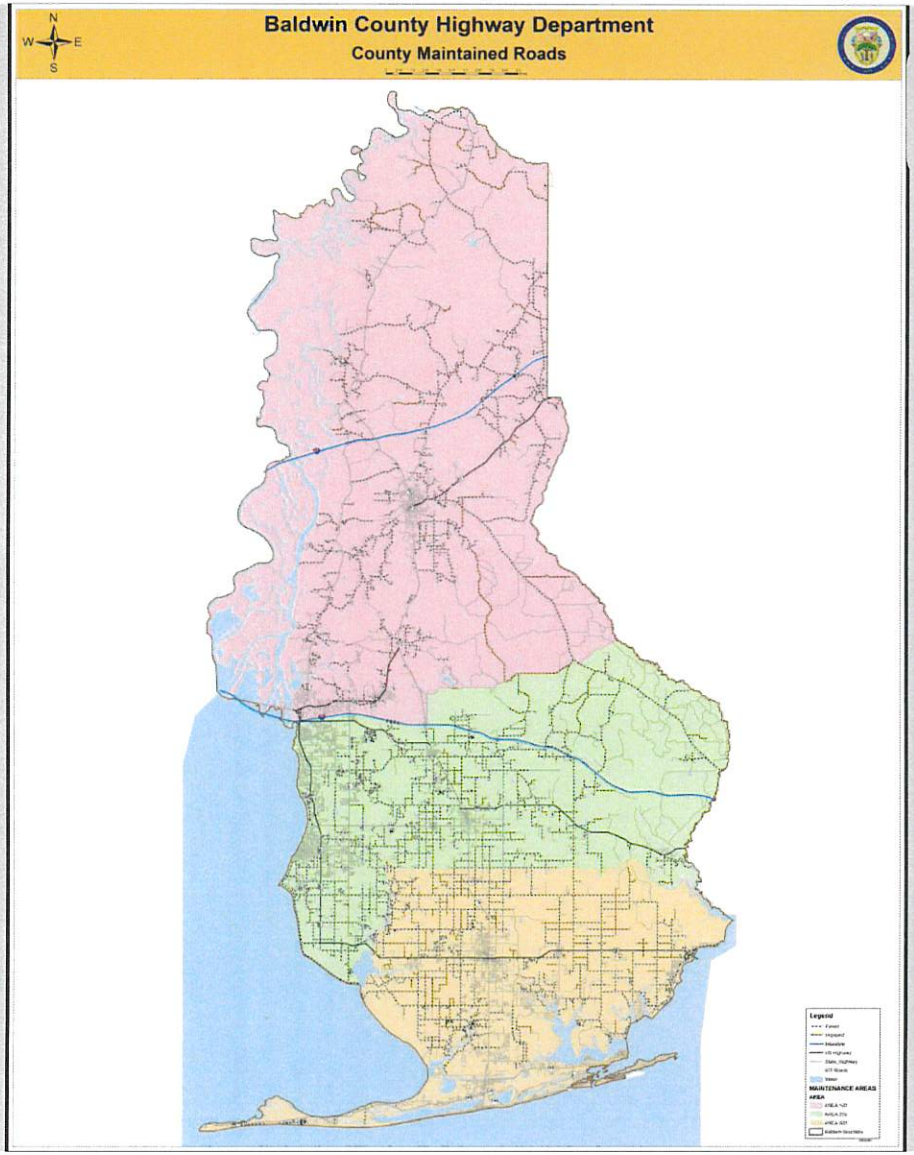
AS OF SEPTEMBER 30, 2020

Goals

- Ensure all citizen requests/work orders are processed timely
  - *2,839 work orders received*
  - *2,648 work orders completed*
- Ensure annual/biennial inspections are performed on all roadways
  - *176 dirt road miles inspected*
  - *1,381 paved road miles inspected*
  - *0 nighttime inspections (off-year)*

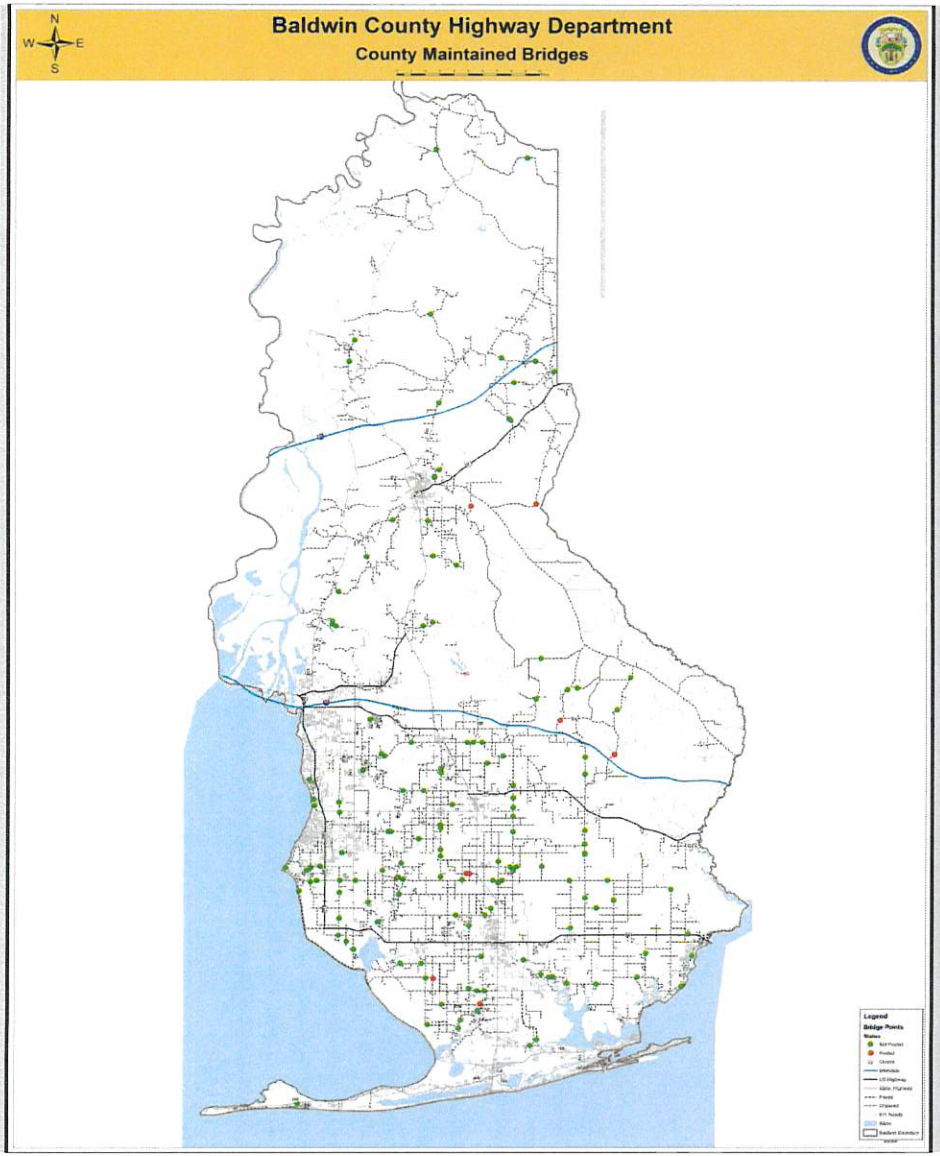
% of Goals Met





Maintained Roads

Area 100	Area 200	Area 300	Total
436 miles paved	517 miles paved	428 miles paved	1,381 miles paved
55 miles unpaved	49 miles unpaved	72 miles unpaved	176 miles unpaved
491 miles total	566 miles total	500 miles total	1,557 miles total



Maintained Bridges

161 Total Maintained Bridges

15 Posted Bridges

1 Closed Bridges

MAINTENANCE ACTIVITIES

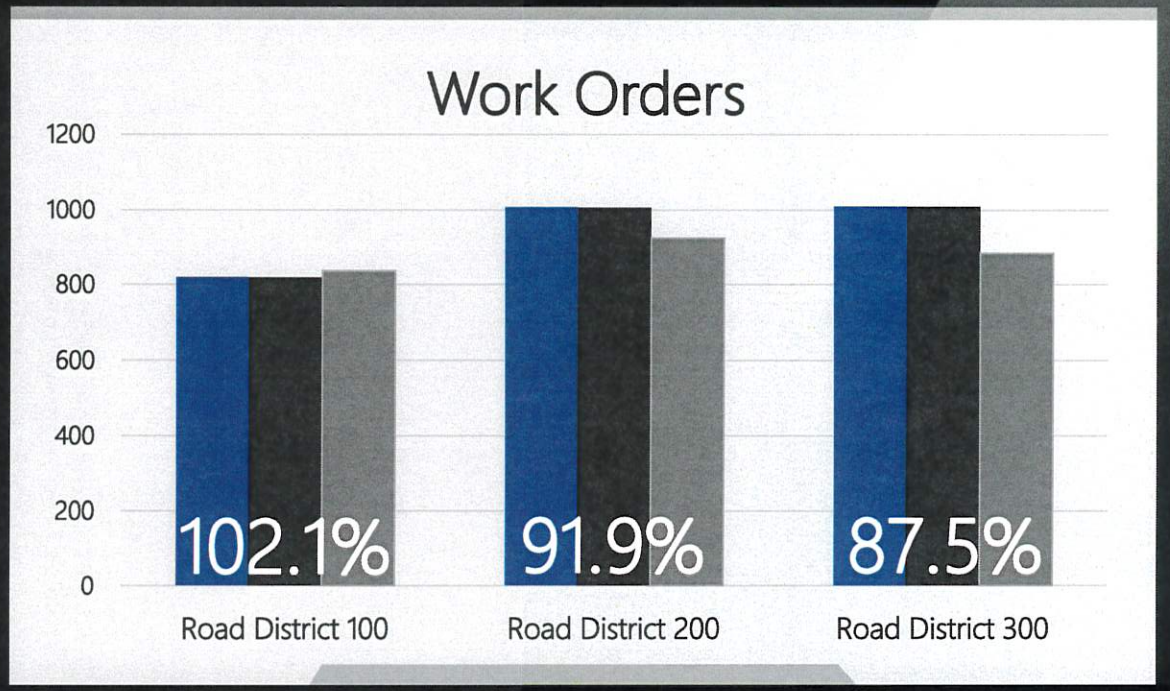
AS OF SEPTEMBER 30, 2020

MAINTENANCE ACTIVITIES	2018 ANNUAL	2019 ANNUAL	2020 ANNUAL
Maintenance Projects Complete	41	98	38
Traffic Studies Complete	161	72	264
AFM Petitions Requested	5	26	27
Herbicide Spraying (# of road miles)	146	0	0
Traffic Signals Maintained	80	76	77
Annual Striping (line miles)	686	413	606
Signs Maintained (2012 Inventory)			17,625

Problems Reported

Work Orders Generated

Work Orders Completed



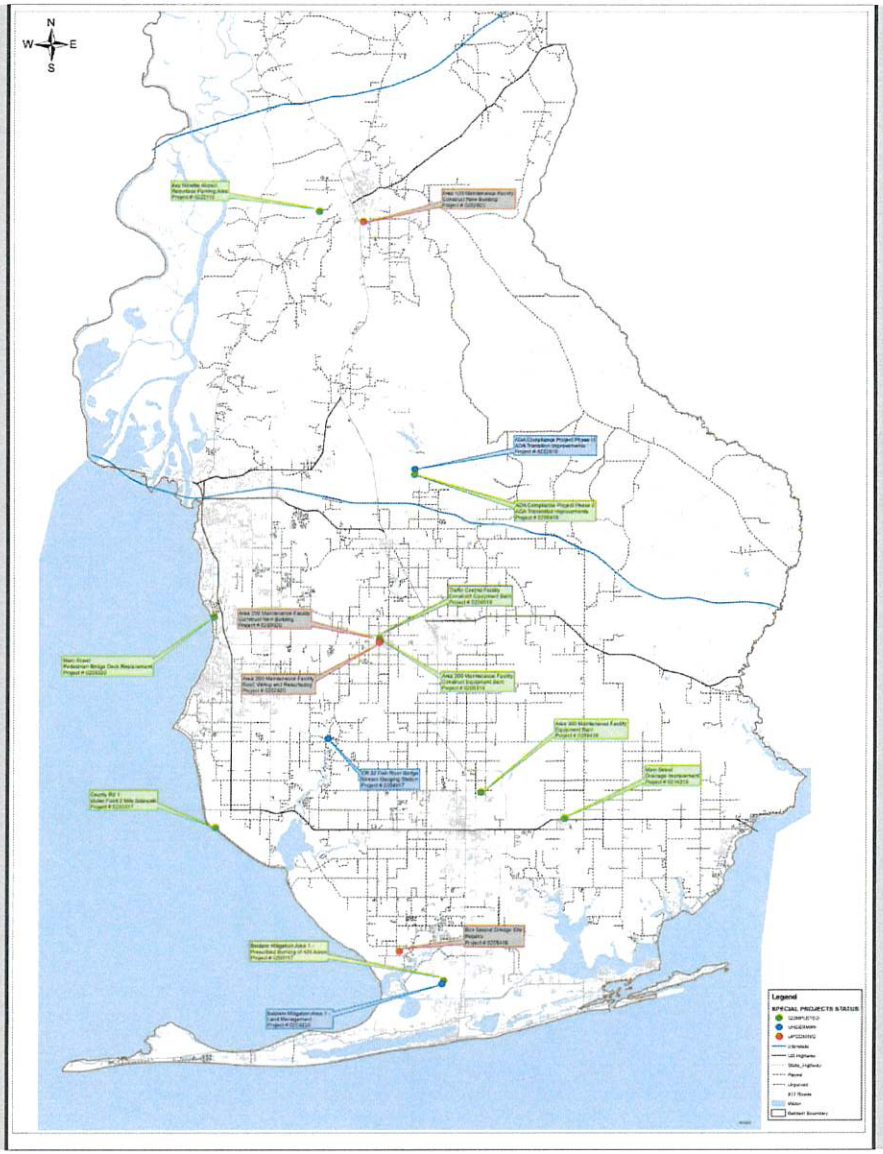
2,389 Work Orders Generated

MAINTENANCE (SPECIAL) PROJECTS
AS OF SEPTEMBER 30, 2020

- Miscellaneous projects that do not fall into any other project category. Typically include the following:

- Sidewalks
- Emergency Related
- Parking Lots
- Work for Other Agencies

MAINTENANCE (SPECIAL) PROJECTS



SPECIAL PROJECTS
COMPLETE

0222119 – Bay Minette Airport Resurface Parking Area	Start Date 11/13/19	Complete Date 11/14/19	Area 100

SPECIAL PROJECTS
COMPLETE

0205520 – Perdido Elementary School Paving, Grading and Ditch Work	Start Date 08/03/20	Complete Date 08/11/20	Area 100

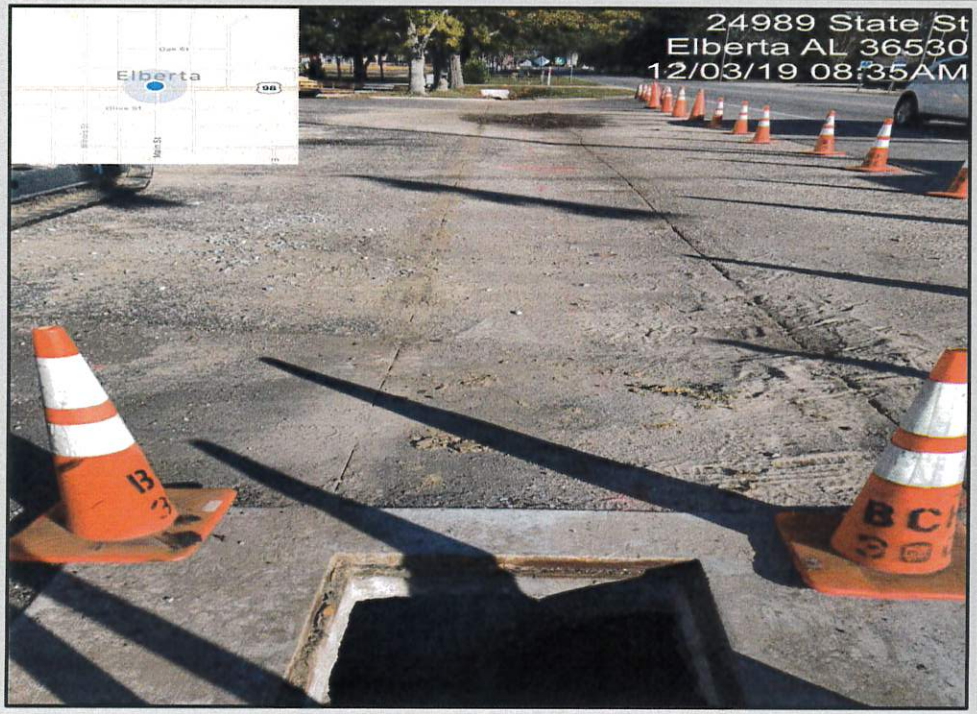
Transportation Alternatives Program

SPECIAL PROJECTS
COMPLETE

0203317 – County Road 1 Sidewalk	Start Date	Complete Date	Area
County Rd 1 from Mullet Point Park South 1.6 miles	05/29/19	12/31/19	200

SPECIAL PROJECTS
COMPLETE

0214219 – Town of Elberta	Start Date	Complete Date	Area
Main St Drainage Improvements – US 98 to Pine St	12/02/19	12/30/19	300



SPECIAL PROJECTS
COMPLETE

0203117 – BC Mitigation Area	Start Date	Complete Date	Area
Land Mgt. 424.46 Acres Wet Pine Flatwood Habitat	09/01/16	03/03/20	300

SPECIAL PROJECTS
COMPLETE

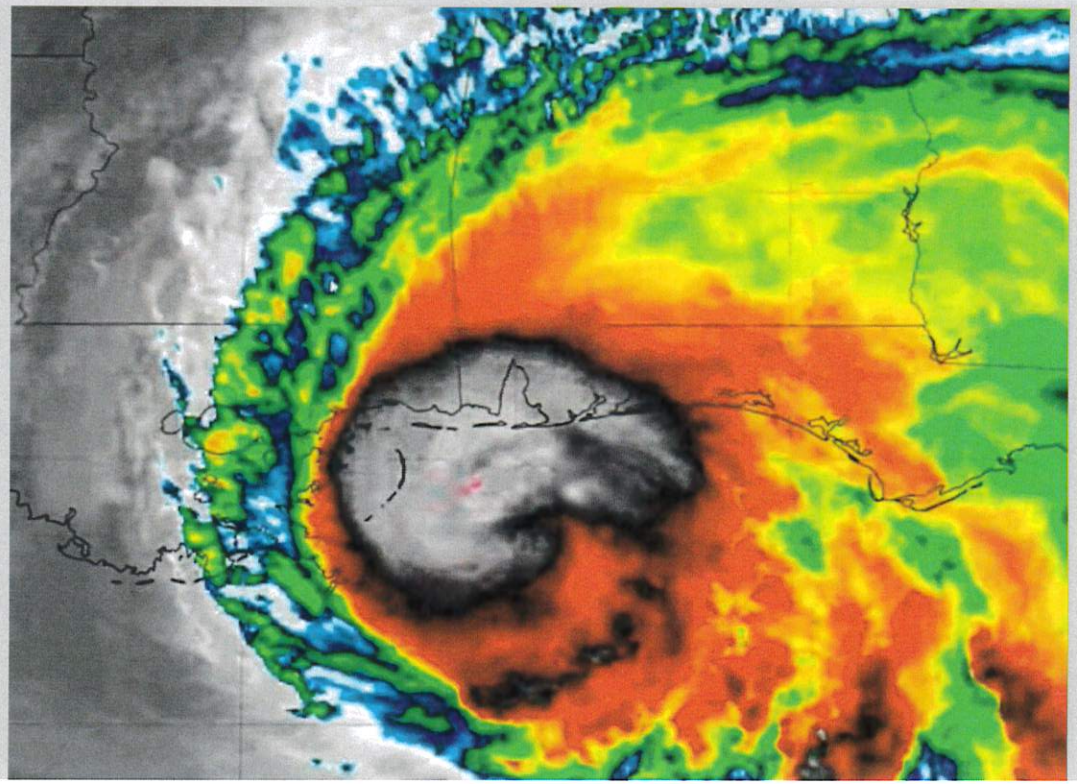
0206419 – Countywide	Start Date	Complete Date	County -Wide
ADA Transition Improvements Phase II	01/13/20	05/19/20	

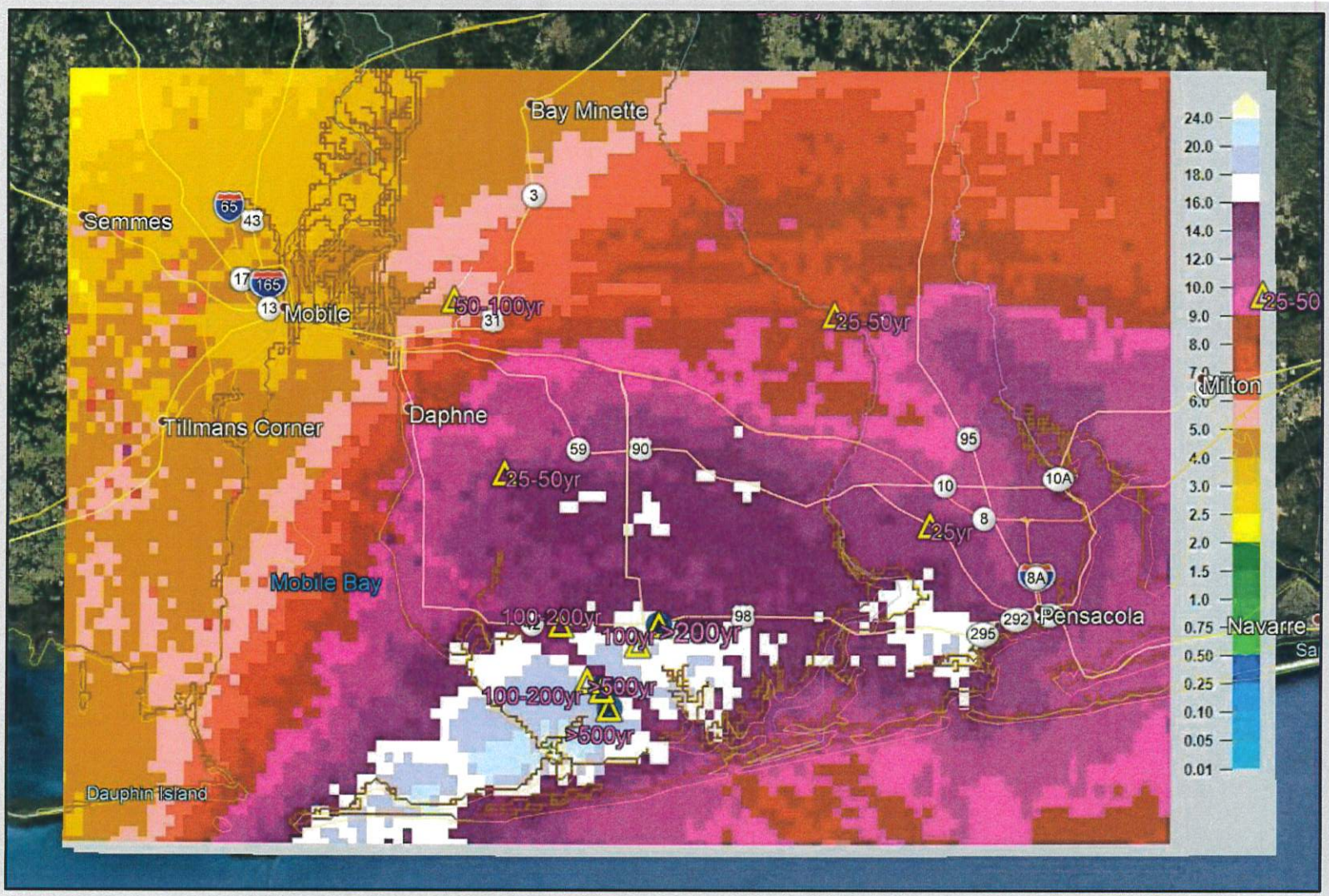
Burwick Loop

Project Detail
89 Sites in Fairhope/Point Clear Areas

SPECIAL PROJECTS
COMPLETE

0207120 – Hurricane Sally	Start Date	Complete Date	County -Wide
Hurricane Sally Emergency Measures	09/14/20	10/05/20	



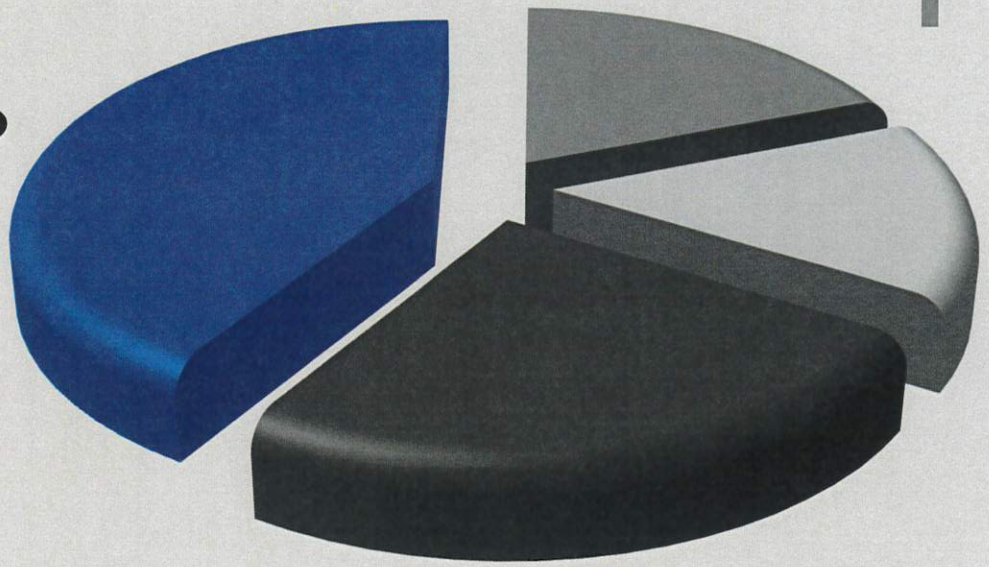


HURRICANE SALLY
RAINFALL INTENSITY

Hurricane Sally Estimated Costs/Damages

$60M	Cat A - Debris Cleanup
$685k	Cat B - Preventative Measures
$25k	Cat C – Paved Roads
$34k	Cat C - Sidewalks & Guardrails
$201k	Cat C – Fernwood Drive W Drainage
$300k	Cat C - Signs & Signals
$530k	Cat C – Unpaved/Gravel Roads
$6.0M	Cat C - Cross Drains & Washouts
$1.0M	FHWA – Cross Drains & Washouts
$864k	Cat G - Parks
$69.6M	Total Estimated Costs/Damages

FY 2020 BUDGETED ANNUAL EXPENDITURES



Projects | 41%

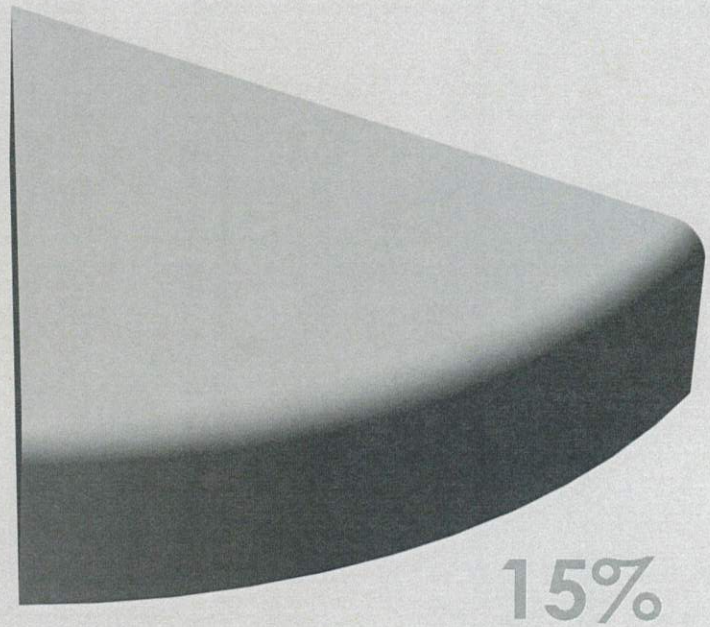
19% | Maintenance

15% | Engineering/Admin

Capital Expenditures | 25%

ENGINEERING & ADMINISTRATIVE ACTIVITIES

- Preconstruction Engineering
  - Right-of-Way
  - Design
- Construction Engineering
  - CE&I
  - Bridge Inspections
  - Subdivisions/Permits
- Geospatial Operations
  - GIS/Survey
- Administration



DESIGN
AS OF SEPTEMBER 30, 2020

Goals

- Resurfacing Projects
  - *Complete design on 4 Groups*
    - *5 groups complete (68 Roads)*
- Bridge Projects
  - *Complete design on 3 projects*
    - *3 projects complete*

DESIGN
AS OF SEPTEMBER 30, 2020

Goals

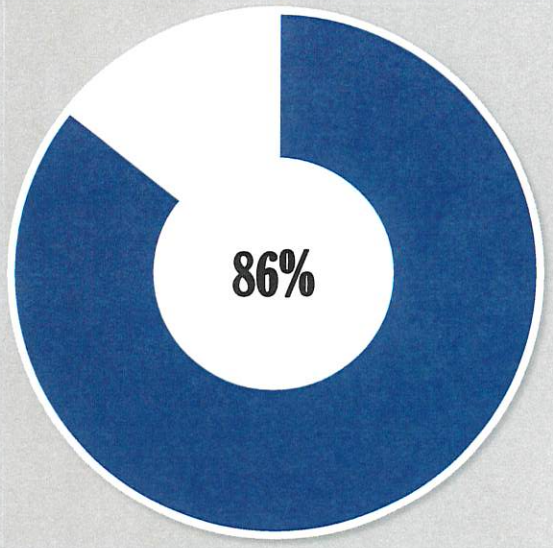
- Safety Improvement Projects
  - *Complete design on 4 projects*
    - *3 projects complete*
    - *1 project in-progress*
- Drainage Improvement Projects
  - *Complete design on 1 project*
    - *1 project complete*

DESIGN
AS OF SEPTEMBER 30, 2020

Goals

- Park Improvement Projects
  - *Complete design on 3 projects*
    - *3 projects complete*
- Special Projects
  - *Complete design on 6 projects*
    - *3 projects complete*
    - *3 projects in-progress*

% of Goals Met

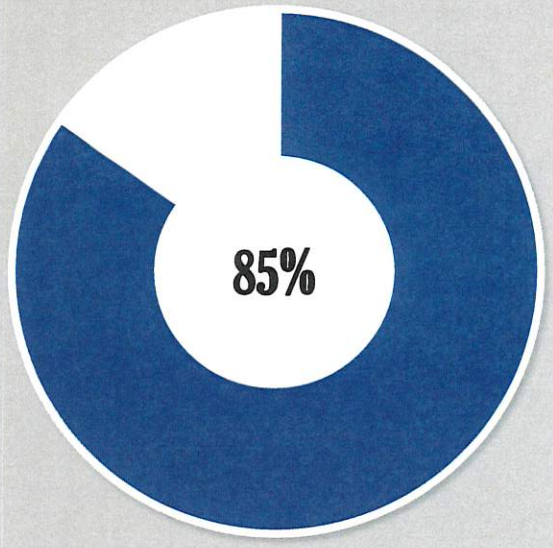


ROW ACQUISITION (FUNDED PROJECTS)
AS OF SEPTEMBER 30, 2020

Goals

- Acquire 59 ROW tracts
  - *50 ROW tracts acquired*
    - *43 ROW tracts donated*
  - *9 ROW tracts in-progress*

% of Goals Met



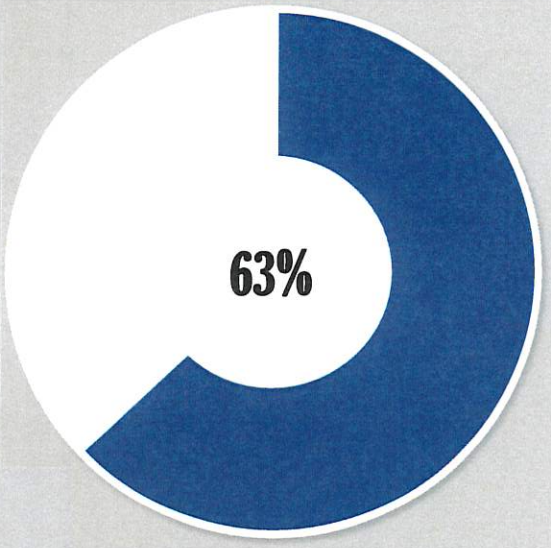
ROW ACQUISITION (NOT FUNDED)

AS OF SEPTEMBER 30, 2020

Goals

- Acquire 46 ROW tracts
  - *29 ROW tracts acquired*
    - *29 ROW tracts donated*
  - *17 ROW tracts in-progress*

% of Goals Met



PRECONSTRUCTION ENGINEERING

AS OF SEPTEMBER 30, 2020

PRECONSTRUCTION ACTIVITIES	2018 ANNUAL	2019 ANNUAL	2020 ANNUAL
Project Designs Completed	71	102	103
Environmental Permits	4	4	7
Special Requests	83	52	69

RIGHT-OF-WAY DATASETS	2018 ANNUAL	2019 ANNUAL	2020 ANNUAL
Research Requests	620	824	852
Tracts Acquired	30	34	79
ROW Vacation	8	4	6
Deeds Prepared	25	37	102

CONSTRUCTION ENGINEERING

AS OF SEPTEMBER 30, 2020

CONSTRUCTION ACTIVITIES	2018 ANNUAL	2019 ANNUAL	2020 ANNUAL
Projects Inspected	6	41	61

PERMIT ACTIVITIES	2018 ANNUAL	2019 ANNUAL	2020 ANNUAL
Subdivision Cases	62	69	86
Commercial Turnouts	37	71	47
License Agreements	29	17	29
Utility Permits	327	340	340

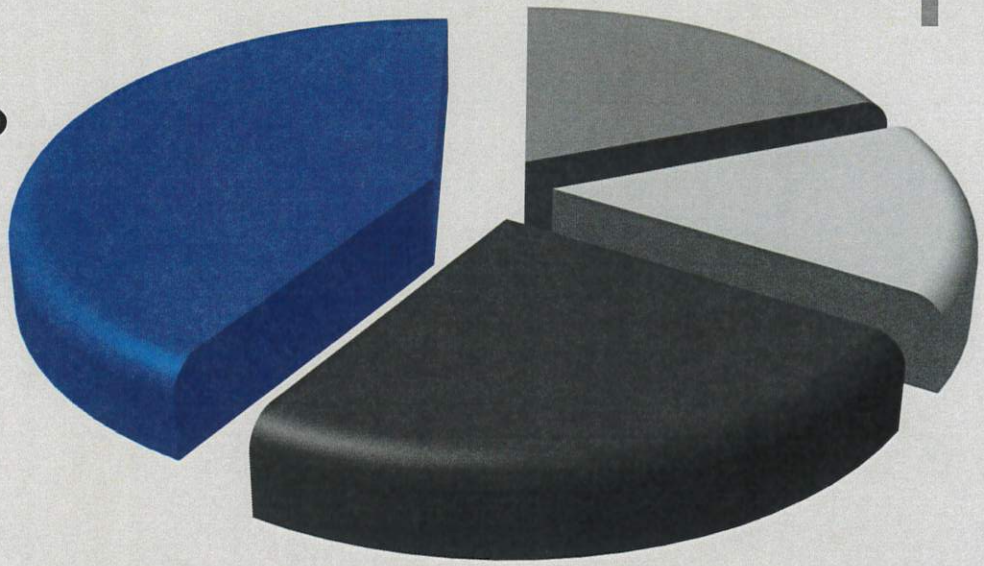
GEOSPATIAL OPERATIONS

AS OF SEPTEMBER 30, 2020

GEOSPATIAL ACTIVITIES	2018 ANNUAL	2019 ANNUAL	2020 ANNUAL
Surveys Completed	116	105	67
Mapping Requests			223

GEOSPATIAL DATASETS	DEVELOPMENT % COMPLETE	PRODUCTION % COMPLETE	MAINTENANCE
Rodside Sign Inventory	100%	50%	Continual
Night Traffic Marking Inspections	100%	N/A	Every 2 Years
Survey to GIS	100%	100%	100%
Accept for Maintenace	100%	100%	As Needed
Right-of-Way/Easements	100%	10%	Continual
Pipes/Cross Drains	100%	13%	Continual
Functional Classification Assessment	100%	100%	Every 2 Years
Storm Event GIS Database	50%	10%	Continual

FY 2020 BUDGETED ANNUAL EXPENDITURES



Projects | 41%

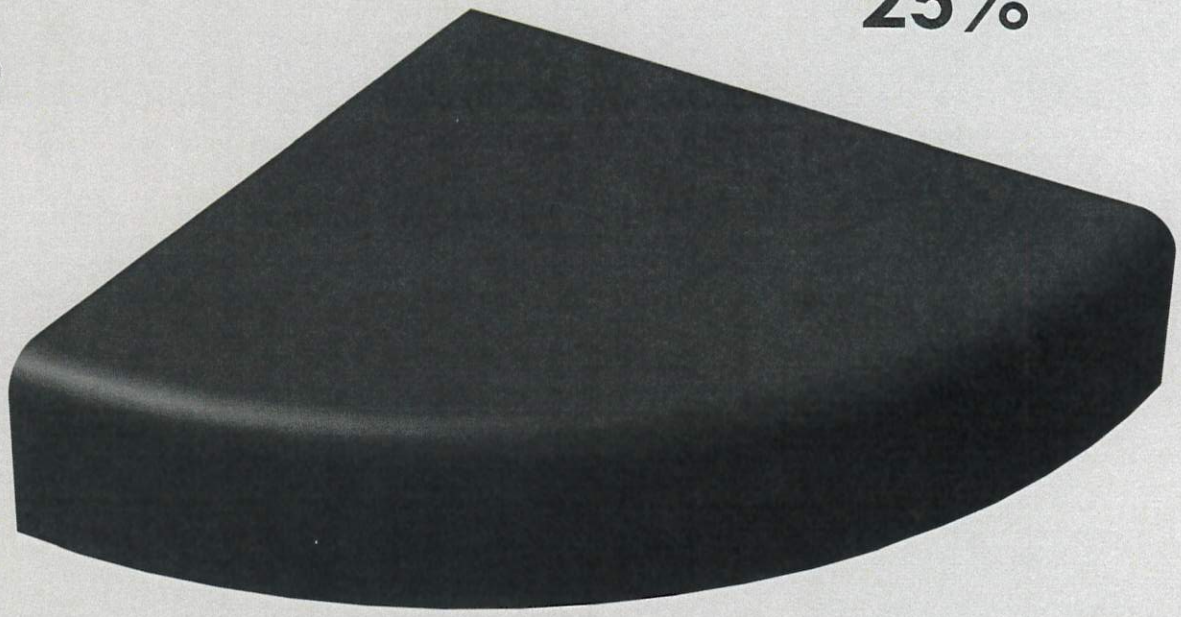
19% | Maintenance

15% | Engineering/Admin

Capital Expenditures | 25%

CAPITAL EXPENDITURES

- Equipment
- Motor Vehicles
- Other
  - Equipment Barns
  - Message Boards
  - Survey Equipment



CAT
X9001656

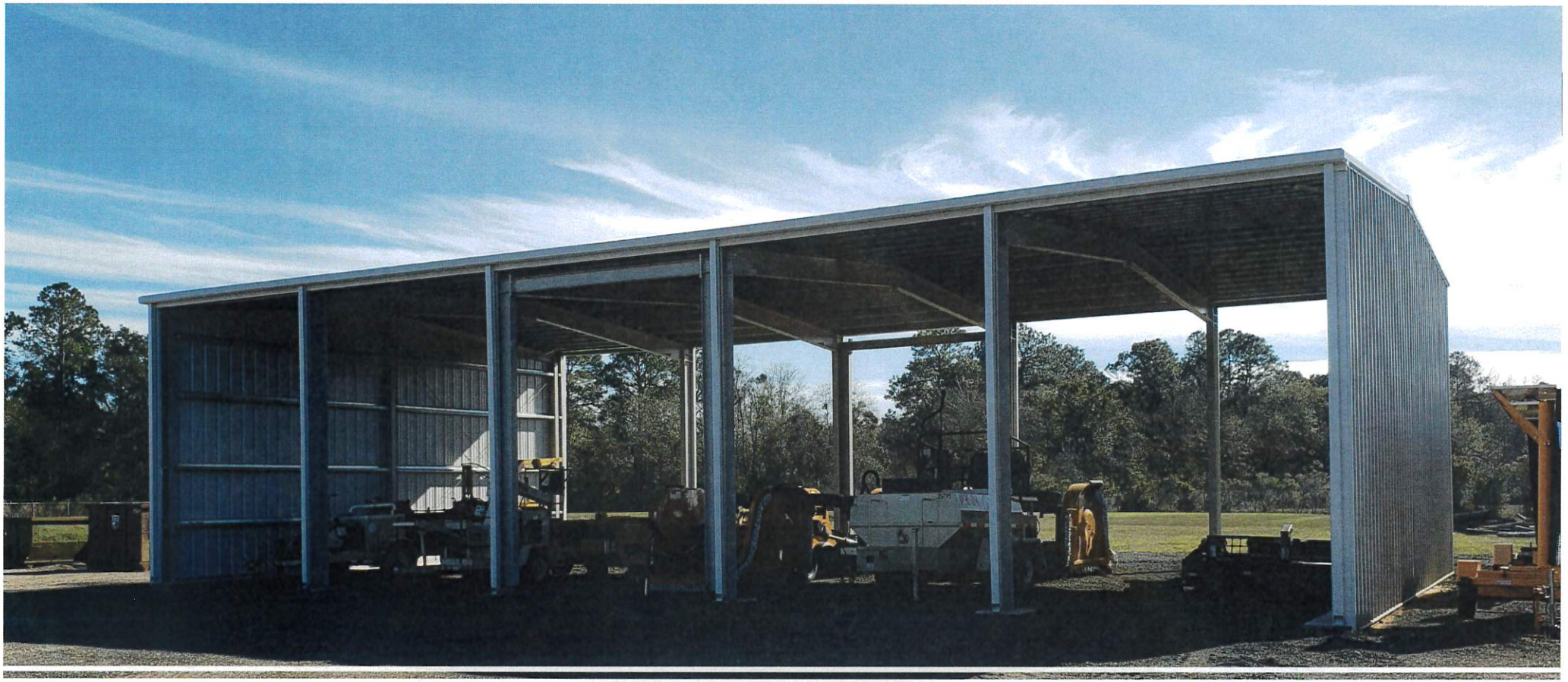
CAT
CAT

Superior Broom
Superior Broom
DT74C
820549
820549

EMPIRE
EMPIRE TRUCK SALES
ALABAMA FLORIDA
LOUISIANA MISSISSIPPI

Area 200

Equipment Barn

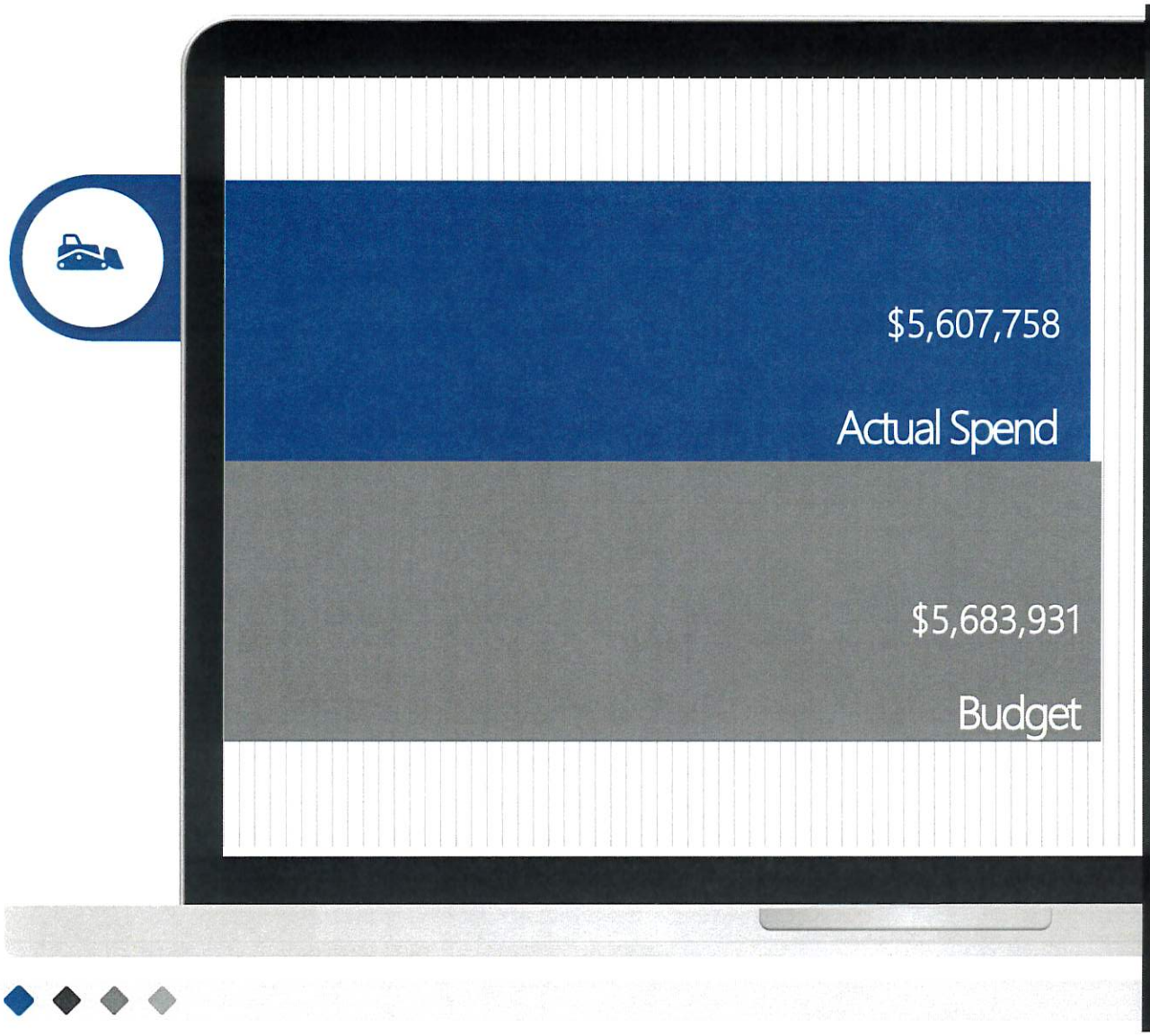


Area 300

Equipment Barn

Traffic Operations
Equipment Barn

- Detour Maps



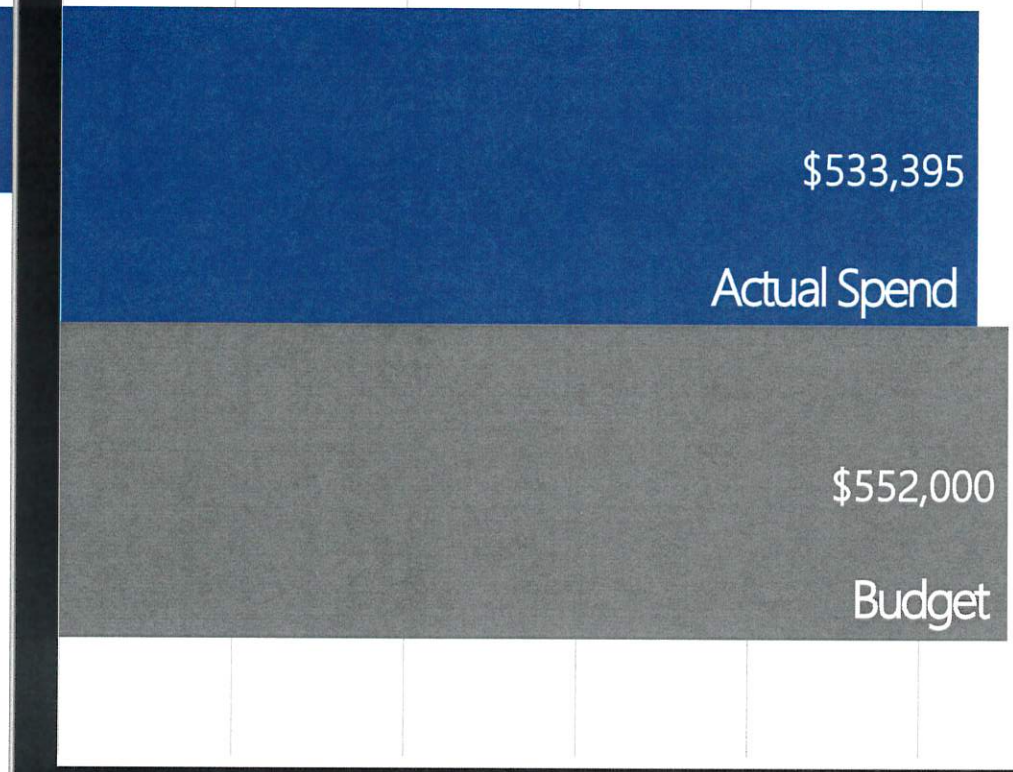
Capital Expenditures

Construction Equipment

$76,173 difference

Capital Expenditures

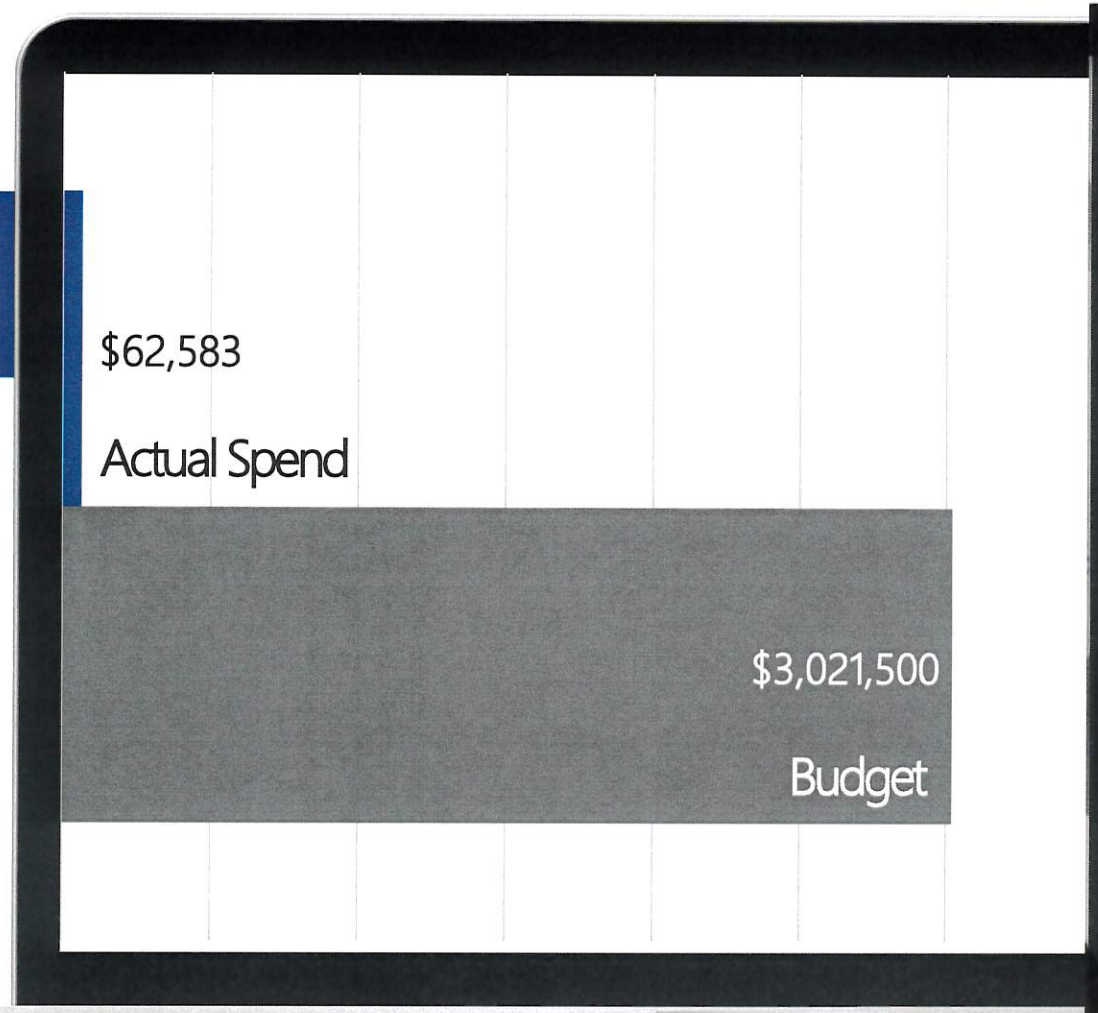
Motor Vehicles



$18,605 difference

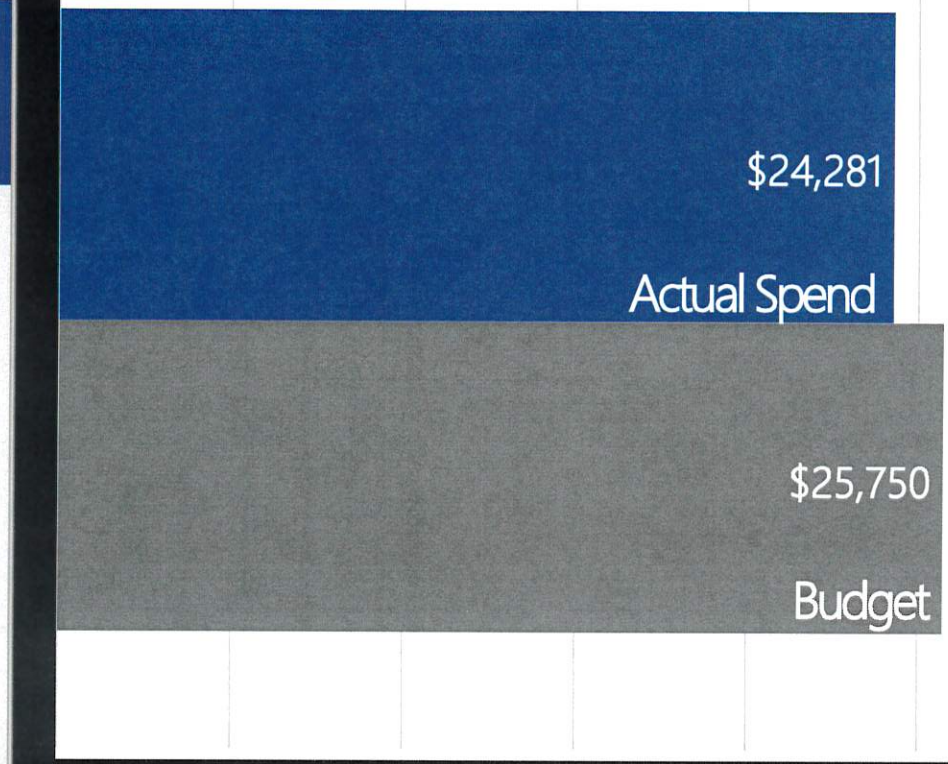
Capital Expenditures

Buildings



$2,958,917 difference

Area 100 and Area 200
New Facility Construction
Not Started as of 09/30/20



Capital Expenditures

Other Assets

$1,469 difference

FY20 CHALLENGES

- Work Hours Loss of Productivity
  - FY20 work hours 263,386
  - FY19 work hours 275,606
  - 4.4% Year over year loss of productive work hours
- On-Job Loss of Productivity
  - Time lost cleaning and disinfecting autos and equipment before and after use
  - Only one person at a time in a vehicle
  - No inmate labor utilized

Looking Ahead

Goals and Challenges For FY 2021

HIGHWAY DEPARTMENT

Strategic Plan Goals

- By 2022, residents will experience a well-planned set of new and improved roads for local travel that will alleviate traffic congestion on arterials.
- By 2025-2027, residents and visitors will experience reduced congestion with the completion of the Baldwin Beach Express #2 (BBE2)
- By 2022, the community will experience a reduction in runoff and flooding through the implementation of a regional retention system for stormwater.

FY 2021 Goals

- Resurfacing
- Dirt Road Paving
- Bridge Improvements
- New Road Construction
- Safety Improvements
- Capacity Improvements
- Drainage Improvements
- Park Improvements
- Maintenance Activities
- Geospatial
- Special Projects

RESURFACING

Goals for FY 2021

- Resurface 63.24 miles

DIRT ROAD PAVING

Goals for FY 2021

- GOMESA Funding
  - Pave 5.19 miles
- Other Funding
  - Pave 1.80 miles

BRIDGE IMPROVEMENTS

Goals for FY 2021

- Complete construction on 5 bridge replacement projects
- Begin construction on 4 bridge replacement projects (letting as 1 project)

SAFETY IMPROVEMENTS

Goals for FY 2021

- Complete construction on 3 safety improvement projects
- Begin construction on 3 safety improvement projects

CAPACITY IMPROVEMENTS

Goals for FY 2021

- 1 capacity improvement project in design

DRAINAGE IMPROVEMENTS

Goals for FY 2021

- Complete construction on 2 drainage improvement projects

PARK IMPROVEMENTS

Goals for FY 2021

- Begin construction on 1 park improvement project

GOMESA

PARK IMPROVEMENT PROJECTS
IN DESIGN PHASE

0203120 – ICW Boat Launch

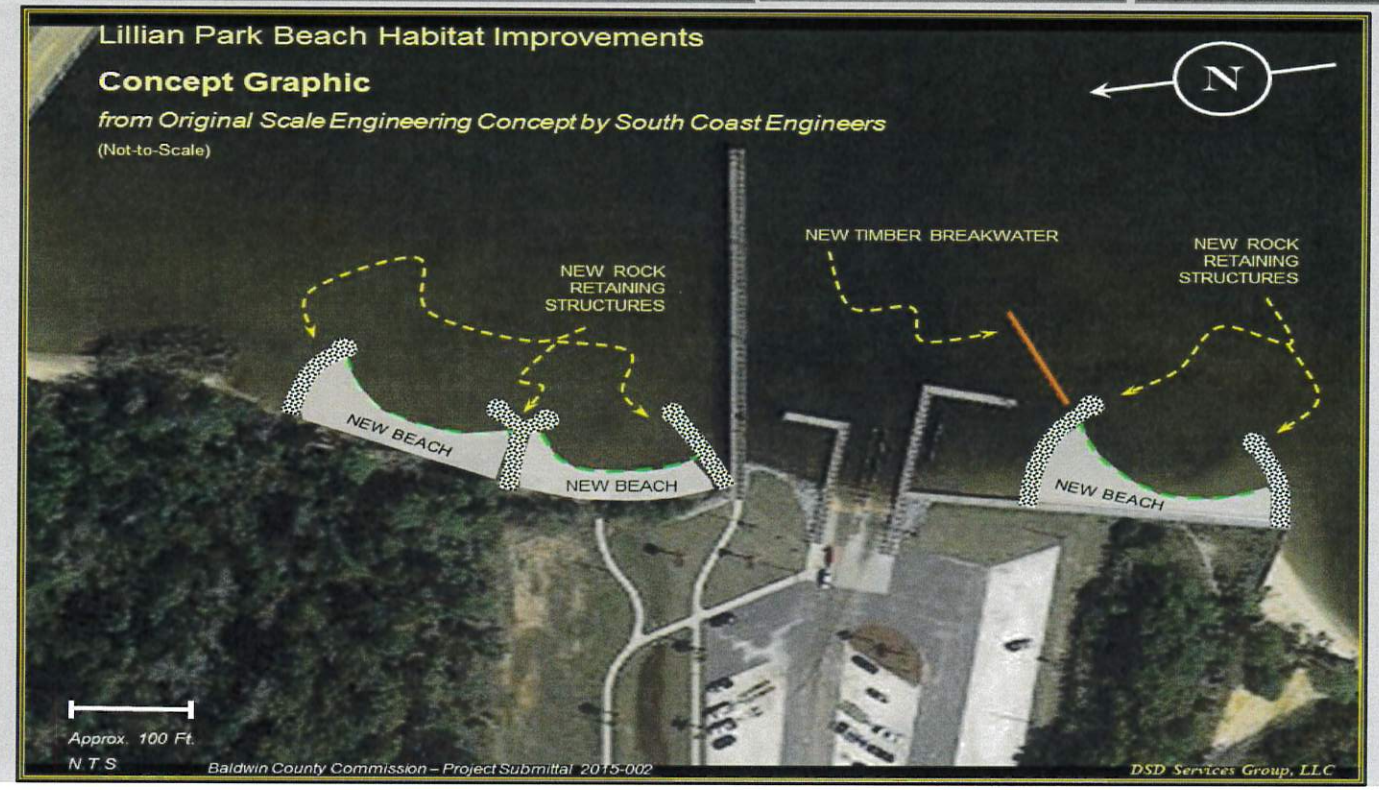
Design & Construct Boat Launch

Start Date	Complete Date	Area
In Design		300

RESTORE

PARK IMPROVEMENT PROJECTS
IN DESIGN PHASE

0206916 – Lillian Boat Launch	Start Date	Complete Date	Area
Shoreline Restoration	In Design		300



MAINTENANCE ACTIVITIES

Goals for FY 2021

- Ensure all citizen requests/work orders are processed timely
- Ensure annual/biennial inspections are performed on all roadways

GEOSPATIAL

Goals for FY 2021

- Complete GIS pipe/cross drain inventory
- Complete GIS road sign inventory
- Develop and complete damaged asset database
- Continually implement training on GIS for all staff
  - *Focus on ROW staff for smoother integration with survey*
- Integrate/develop existing datasets with Munis EAM

SPECIAL PROJECTS

Goals for FY 2021

- Complete construction on 4 projects
- Begin construction on 2 projects

DESIGN

Goals for FY 2021

- Resurfacing Roads
  - *Complete design on 3 groups (89 roads)*
- Bridges Projects
  - *Complete design on 6 bridges*
  - *Begin design on 1 project*
- New Road Construction
  - *Complete design on 2 projects*
- Safety Improvement Projects
  - *Complete design on 4 projects*
- Parks Projects
  - *Complete design on 1 project*
  - *Begin design on 2 projects*
- Special Projects
  - *Complete design on 6 projects*

Highway Safety Improvement Program

SAFETY IMPROVEMENT PROJECTS
IN DESIGN PHASE

0206918 – County Road 13	Start Date	Complete Date	Area
Roundabout on CR 13 at CR 44	In Design Phase		200

ROW ACQUISITION

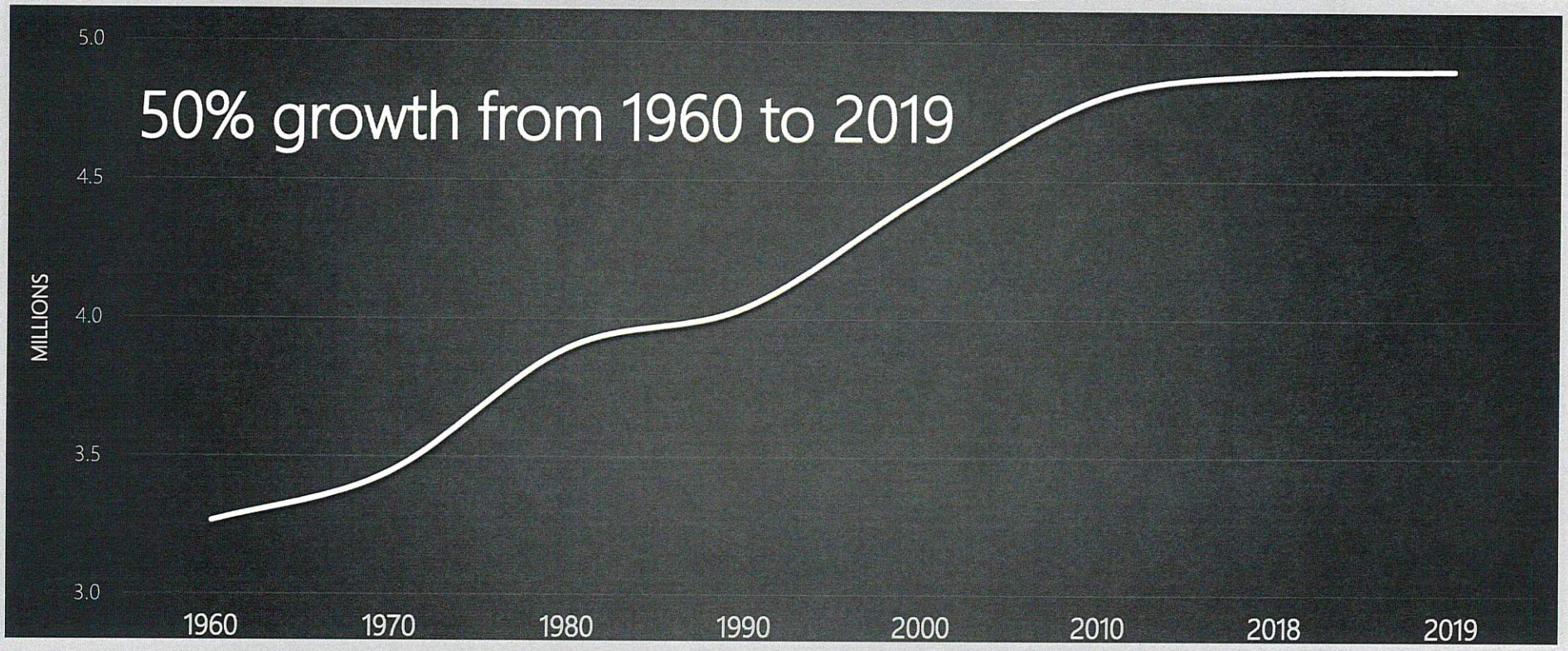
Goals for FY 2021

- Acquire 132 ROW Tracts
  - *Acquire 104 Dirt Road Paving Tracts*
  - *Acquire 15 New Road Construction Tracts*
  - *Acquire 9 Safety Improvement Tracts*
  - *Acquire 4 Other Tracts*

Challenges For FY 2021

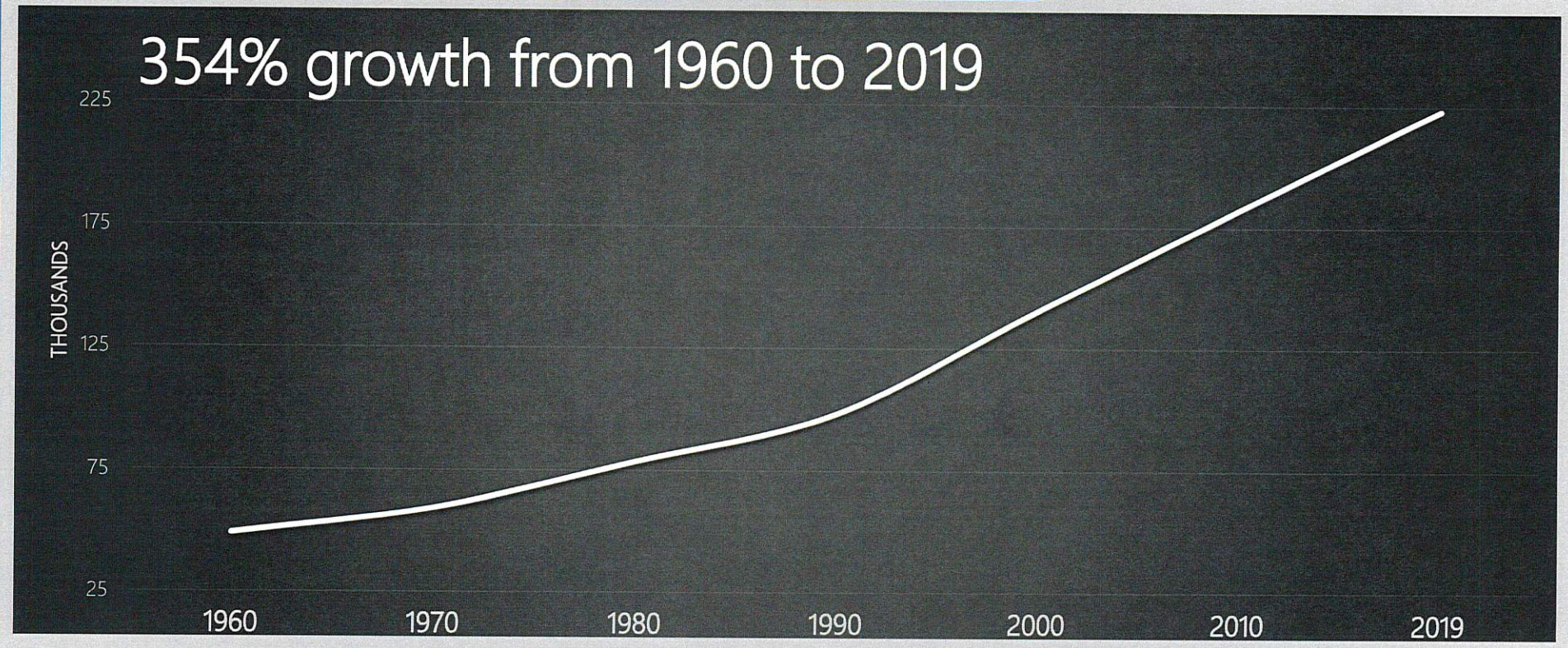
ALABAMA

Population Growth

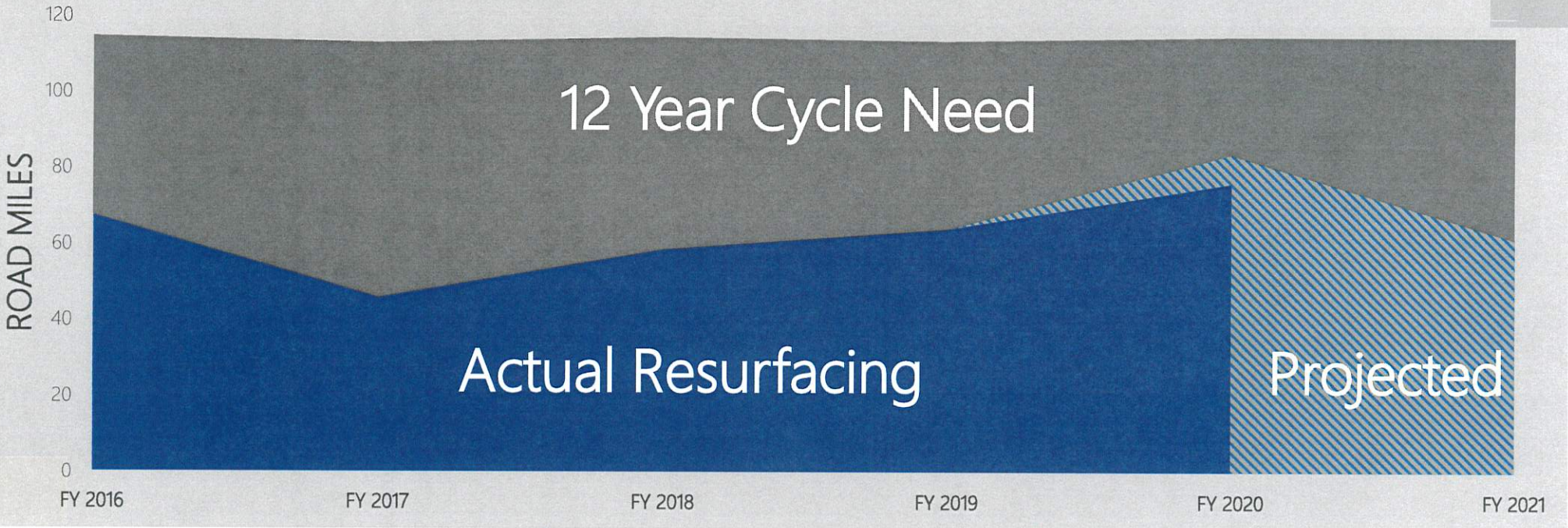


BALDWIN COUNTY

Population Growth



ANNUAL RESURFACING COSTS



12 Year Cycle Need

115 miles/year

$9.2M $/year

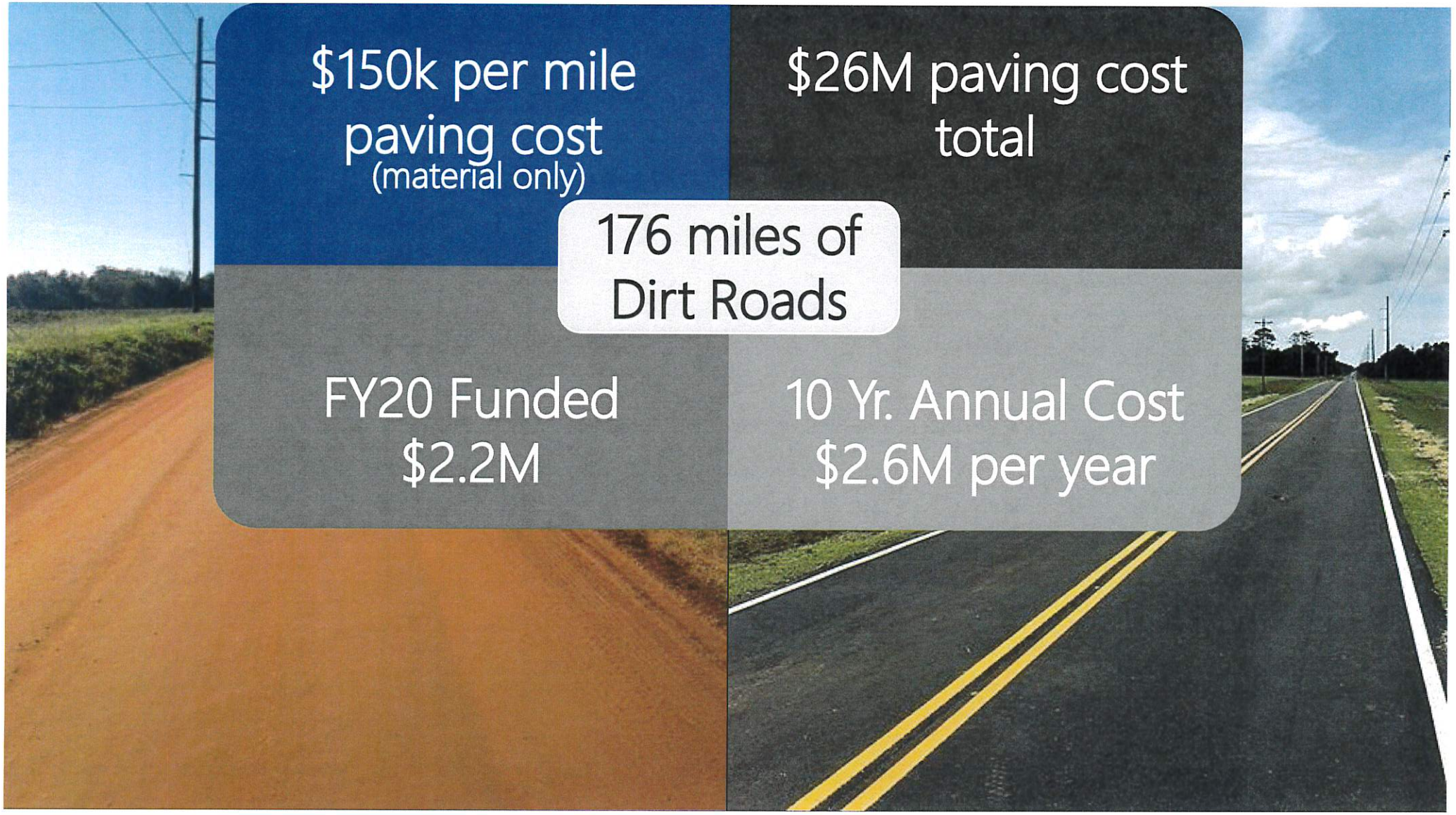
1,381

Miles of Paved Roads

Estimated Costs

$80k/mile

$110M total

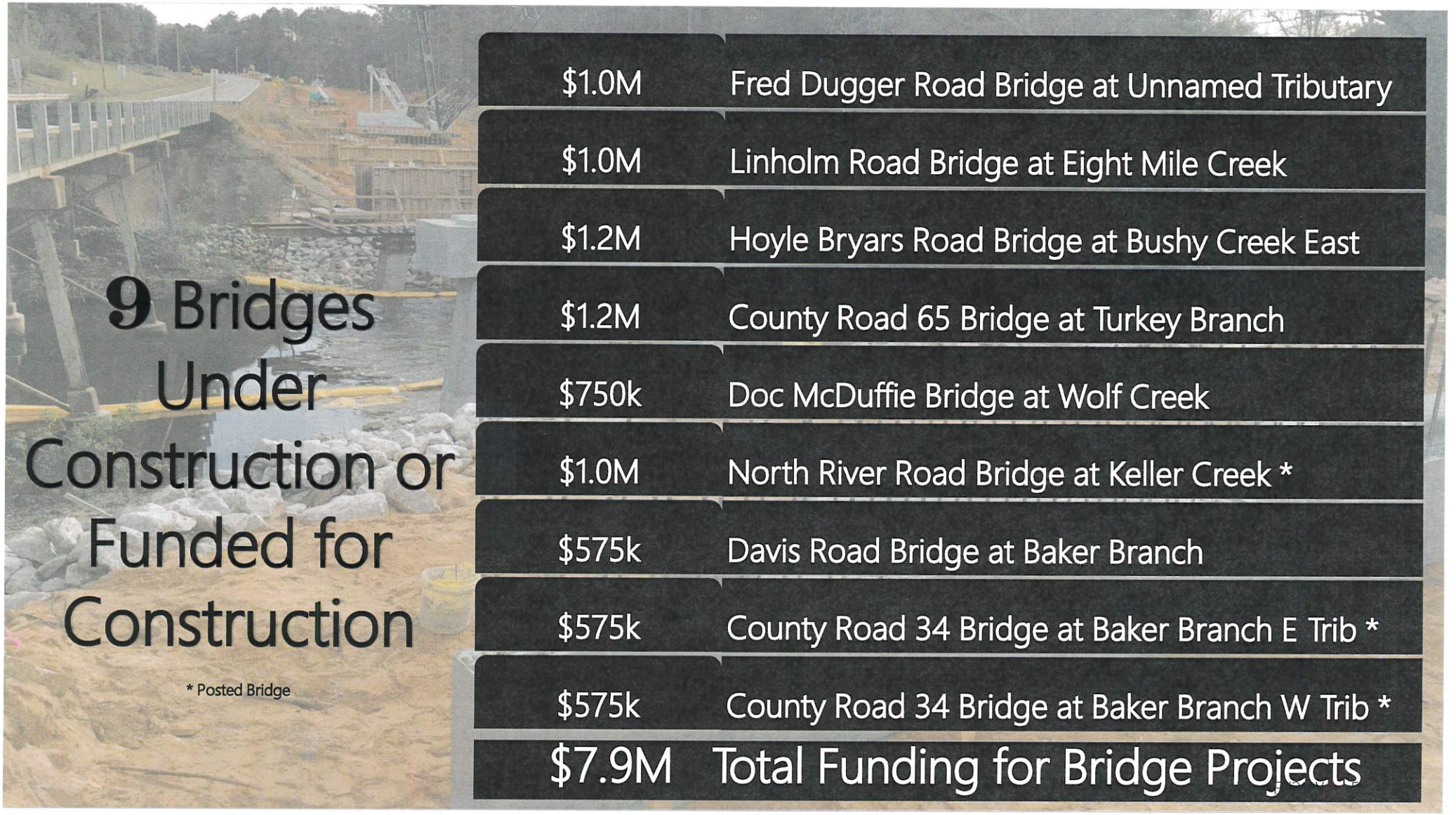

$150k per mile paving cost
(material only)
$26M paving cost total
176 miles of Dirt Roads
FY20 Funded $2.2M
10 Yr. Annual Cost $2.6M per year

Capacity Improvements Needed

Extend BBE from I-10 to I-65	Extend CR 48 from Bohemian Hall Rd to CR 48	Industrial Drive from SR 287 to proposed BBEII	Additional Lane - CR 64 from SR 181 to CR 54 E
$200M	$9.9M	$4.1M	$5.5M

Extend CR 65 from CR 28 to CR 32	Extend CR 20 from End of Pavement to CR 65	Widen CR 95 from Fish Trap Rd to US 98
$3.0M	$2.5M	$910k

$226M Total Needed for Capacity Improvements



9 Bridges Under Construction or Funded for Construction

* Posted Bridge

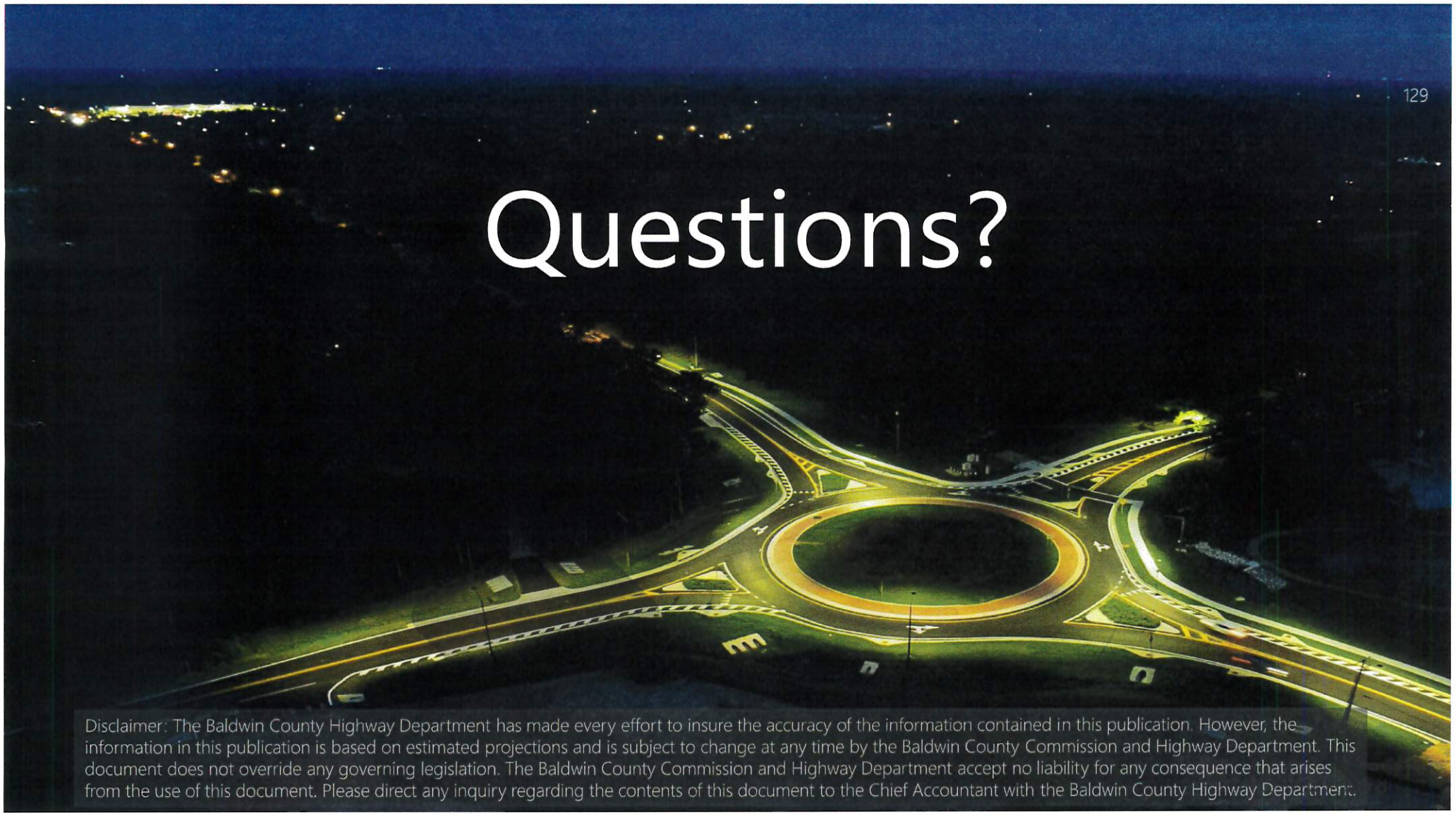
$1.0M	Fred Dugger Road Bridge at Unnamed Tributary
$1.0M	Linholm Road Bridge at Eight Mile Creek
$1.2M	Hoyle Bryars Road Bridge at Bushy Creek East
$1.2M	County Road 65 Bridge at Turkey Branch
$750k	Doc McDuffie Bridge at Wolf Creek
$1.0M	North River Road Bridge at Keller Creek *
$575k	Davis Road Bridge at Baker Branch
$575k	County Road 34 Bridge at Baker Branch E Trib *
$575k	County Road 34 Bridge at Baker Branch W Trib *
$7.9M	Total Funding for Bridge Projects

8 Bridge Improvements Needed

* Posted Bridge **Closed Bridge

$10.0M	County Road 32 Bridge at Fish River *
$6.5M	County Road 64 Bridge at Styx River *
$5.5M	Phillipsville Road Bridge at Dyas Creek *
$5.3M	County Road 87 Bridge at Styx River *
$1.2M	Truck Trail 17 Bridge at Roans Creek **
$1.0M	Pine Grove Rd Ext Bridge over Styx River * (funded for design)
$675k	Still Road Bridge at Hollingers Creek *
$675k	Sherman Road Bridge at Weeks Branch *
$30.4M	Total Needed for Bridge Projects

Questions?



Disclaimer: The Baldwin County Highway Department has made every effort to insure the accuracy of the information contained in this publication. However, the information in this publication is based on estimated projections and is subject to change at any time by the Baldwin County Commission and Highway Department. This document does not override any governing legislation. The Baldwin County Commission and Highway Department accept no liability for any consequence that arises from the use of this document. Please direct any inquiry regarding the contents of this document to the Chief Accountant with the Baldwin County Highway Department.

Training

CERTIFICATE OF ATTENDANCE

How to Fit Tomorrow's Floods in with Today's Fires

This certificate is awarded to

DJ HART

JUNE 3, 2020
Total Training Hours - 1.0 CEC

South Alabama Flood Engagement Team (SAFE-T)

Amy Gohres, Alta Spring LLC

June 3, 2020
Date

CERTIFICATE OF COMPLETION

This certificate is awarded to

DJ Hart

In recognition for completion of the webinar:

Hurricanes and Global Warming: Expectations vs. Observations

JULY 16, 2020

TOTAL CONTACT: 1.0 HR

AICP# 9202408, 1.0 CM; ASFPM, 1.0 CFM

Signature

July 16, 2020

Date

ASSOCIATION OF STATE FLOODPLAIN MANAGERS, INC.

CERTIFICATION BOARD OF REGENTS

HEREBY CERTIFIES THAT PURSUANT TO THE PROVISIONS OF THE CHARTER FOR THE CERTIFIED FLOODPLAIN MANAGER PROGRAM

Daletha J. Hart, CFM

IS DULY REGISTERED AS AN

ASFPM CERTIFIED FLOODPLAIN MANAGER

IN TESTIMONY WHEREOF THIS CERTIFICATE HAS BEEN ISSUED BY THE AUTHORITY OF THE CERTIFICATION BOARD OF REGENTS, CERTIFICATE NO. US-18-10693, ISSUED 10/24/2018. THIS CERTIFICATE SHALL EXPIRE 1/31/2023, UNLESS RENEWED ACCORDING TO THE RULES OF THIS BOARD.

CERTIFICATION BOARD OF REGENTS
PRESIDENT, LOUIS T. GREENWELL, GISP, CFM

ASSOCIATION OF STATE FLOODPLAIN MANAGERS
EXECUTIVE DIRECTOR, CHAD M. BERGINNIS, CFM

ASFPM CFM® CERTIFIED

CERTIFICATE OF ATTENDANCE

FOR PARTICIPATION IN THE

ALABAMA ASSOCIATION OF FLOODPLAIN MANAGERS

2020 FALL CONFERENCE

This Certificate awards 12 professional development hours to:

Daletha Hart

For attendance and participation at the AAFM Fall Conference held in Gulf Shores, Alabama, October 19-21, 2020

Joshua D. Yates

Joshua D. Yates

President, ALABAMA ASSOCIATION OF FLOODPLAIN MANAGERS

October 21, 2020

PLANNING COMMISSION TRAINING

Presented by:

Erin B. Fleming, Esq.

Stone Crosby, PC
8820 U.S. Highway 90
Daphne, AL 36532
251.626.6696
efleming@stonecrosby.com

3/4/21

Attorney-client privilege and Attorney Work Product - Do Not Disseminate.

CERTIFICATE OF COMPLETION

VEGETATION MANAGEMENT STRATEGIES TO MANAGE EROSION & REDUCE SEDIMENT TRANSPORT:

VIRTUAL SHORT COURSES FOR COASTAL PROFESSIONALS

This certificate is awarded to

VINCENT RAMER

MARCH 23, 2021

Total Contact Hours - 2.0

BALDWIN COUNTY SOIL AND WATER CONSERVATION DISTRICT;
WEEKS BAY RESERVE, COASTAL TRAINING PROGRAM; AND NOAA

Mike Shelton, Coastal Training Program Coordinator

March 23, 2021

Date

CERTIFICATE OF COMPLETION

THREE PRACTICES TO KEEP SEDIMENT ONSITE - ENTRY/EXIT PADS, SEDIMENT BARRIERS, & INLET PROTECTION:

VIRTUAL SHORT COURSES FOR COASTAL PROFESSIONALS

This certificate is awarded to

VINCENT RAMER

MARCH 26, 2021

Total Contact Hours - 2.0

BALDWIN COUNTY SOIL AND WATER CONSERVATION DISTRICT;
WEEKS BAY RESERVE, COASTAL TRAINING PROGRAM; AND NOAA

Mike Shelton, Coastal Training Program Coordinator

March 26, 2021

Date

CERTIFICATE OF COMPLETION

SEDIMENT BASINS - MANAGING SEDIMENT & TURBIDITY:
VIRTUAL SHORT COURSES FOR COASTAL PROFESSIONALS

This certificate is awarded to

VINCENT RAMER

MARCH 31, 2021
Total Contact Hours - 2.0

BALDWIN COUNTY SOIL AND WATER CONSERVATION DISTRICT;
WEEKS BAY RESERVE, COASTAL TRAINING PROGRAM; AND NOAA

Mike Shelton, Coastal Training Program Coordinator

March 31, 2021
Date

ADEM
Alabama Department of Environmental Management

QCI Training Program

thompson

Certificate of Completion

is hereby granted to:

Alfreda (Weesie) Jeffords

Baldwin County Commission

for satisfactory completion of

Online Refresher Training

QCI No. T6211
Expires 6/12/2021

This certificate confers four (4.0) professional development hour (PDH) equivalents to students who require credits for licenses or certifications. Such PDHs are subject to the qualifying requirements of the licensing or certifying organization.

QCI Training Program

Certificate of Completion

is hereby granted to:

Alfreda (Weesie) Jeffords

Baldwin County Highway Department

for satisfactory completion of 8 instructional hours

ADEM
Alabama Department of Environmental Management

thompson
ENGINEERING

Initial Training Class

June 12, 2019

Instructor Names

Carlton, Landenwich, Roton, Upton

QCI NO: T6211

EXPIRES: 06/12/2020

This certificate confers eight (8.0) professional development hours (PDHs) to students who require credits for licenses or certifications.
Such PDHs are subject to the qualifying requirements of the licensing or certifying organization.

ADEM

Certificate of Attendance
Alabama Sand & Gravel Mining Seminar

Montgomery, Alabama
November 5, 2019

THIS CERTIFICATE ACKNOWLEDGES THAT

Alfreda Jeffords

has attended the Alabama Sand & Gravel Mining Seminar hosted by the Alabama Department of Environmental Management with contributions from the Alabama Department of Labor, the US EPA, and the US Army Corps of Engineers and is hereby granted this certificate of attendance for 5 Professional Development Hours (PDH).

Jeffery W. Kitchens

Jeffery W. Kitchens, Chief, ADEM-Water Division

CERTIFICATE OF COMPLETION

SEDIMENT BASINS - MANAGING SEDIMENT & TURBIDITY:
VIRTUAL SHORT COURSES FOR COASTAL PROFESSIONALS

This certificate is awarded to

ALFREDA "WEESIE" JEFFORDS

MARCH 31, 2021
Total Contact Hours - 2.0

BALDWIN COUNTY SOIL AND WATER CONSERVATION DISTRICT;
WEEKS BAY RESERVE, COASTAL TRAINING PROGRAM; AND NOAA

Baldwin County Soil and Water Conservation District

Mike Shelton, Coastal Training Program Coordinator

March 31, 2021
Date

CERTIFICATE OF COMPLETION

THREE PRACTICES TO KEEP SEDIMENT ONSITE - ENTRY/EXIT PADS, SEDIMENT BARRIERS, & INLET PROTECTION:

VIRTUAL SHORT COURSES FOR COASTAL PROFESSIONALS

This certificate is awarded to

ALFREDA "WEESIE" JEFFORDS

MARCH 26, 2021

Total Contact Hours - 2.0

BALDWIN COUNTY SOIL AND WATER CONSERVATION DISTRICT;
WEEKS BAY RESERVE, COASTAL TRAINING PROGRAM; AND NOAA

Baldwin County Soil and Water Conservation District

Mike Shelton, Coastal Training Program Coordinator

March 26, 2021

Date

CERTIFICATE OF COMPLETION

VEGETATION MANAGEMENT STRATEGIES TO MANAGE EROSION & REDUCE SEDIMENT TRANSPORT:

VIRTUAL SHORT COURSES FOR COASTAL PROFESSIONALS

This certificate is awarded to

ALFREDA "WEESIE" JEFFORDS

MARCH 23, 2021

Total Contact Hours - 2.0

BALDWIN COUNTY SOIL AND WATER CONSERVATION DISTRICT;
WEEKS BAY RESERVE, COASTAL TRAINING PROGRAM; AND NOAA

Mike Shelton, Coastal Training Program Coordinator

March 23, 2021

Date

Name: Alfreda Jeffords

Date: 04/20/2021

Area/County: Baldwin

1. Sediment should be removed from BMPs once they become equal to or greater than _____ full.

- [ ] A. Completely
- [x] B. 1/3
- [ ] C. 1/2
- [ ] D. 1/4

2. Temporary Seed and Temporary Mulch shall be applied if the exposed area will remain inactive for 60 days or more.

- [x] A. True
- [ ] B. False

3. When the project is covered by the NPDES General Permit, formal inspections shall be made by _____, under the supervision of the Contractor QCP and/or Superintendent and the Project QCP.

- [ ] A. ALDOT QCI
- [x] B. Contractor QCI
- [ ] C. Both A & B
- [ ] D. Only A

4. Unless it is revised by a Project Note in the plans, what is the maximum area (acres) of soil exposure allowed?

- [x] A. 17
- [ ] B. 25
- [ ] C. 10
- [ ] D. 9

5. How often should you inspect your entire project?

- [ ] A. Monthly
- [x] B. Weekly
- [ ] C. Hourly
- [ ] D. Yearly

6. Turbid water leaving the project is reported as a sediment loss condition.

- [x] A. True
- [ ] B. False

7. How many days are allowed to correct BMPs that need maintenance?

- [x] A. 5
- [ ] B. 7
- [ ] C. 10
- [ ] D. 13

8. What are the four field conditions you can classify each individual drainage area as?

- [ ] A. Good, Fair, Poor, Unacceptable
- [ ] B. 1, 2, 3, & 4
- [x] C. Satisfactory, Needs Improvement, Turbid Discharge, Sediment Loss
- [ ] D. Red, White, Blue, & Brown

9. Wattles, sediment basins, and phased construction are considered BMPs.

- [x] A. True
- [ ] B. False

10. Which rain event would require a project inspection?

- [ ] A. 3/4" in 48 hours
- [x] B. 3/4" in 24 hours
- [ ] C. 1/2" in 48 hours
- [ ] D. 1/2" in 24 hours

11. Forms of final stabilization do NOT include which of the following?

- [ ] A. Permanent seed and mulch
- [ ] B. Sod
- [x] C. Erosion control product only
- [ ] D. Riprap plating

12. A needs improvement site condition means that there are minor repairs or improvements needed.

- [x] A. True
- [ ] B. False

13. Temporary Mulch shall be applied if the exposed area will remain inactive between 7 and _____ days.

- [ ] A. 30
- [ ] B. 40
- [ ] C. 50
- [x] D. 60

14. A _____ condition requires a verbal notification by the Project QCP to the ADEM Field Office within 24 hours of the event and the submission of a written Stormwater Noncompliance Notification Report within 5 days of the event.

- [ ] A. Turbid Discharge
- [ ] B. Sediment Loss
- [ ] C. Only B
- [x] D. Both A & B

15. Before a formal site inspection begins, the ALDOT Project QCI must contact the Contractor QCI.

- [x] A. True
- [ ] B. False

16. Concrete washout pits should include which of the following?

- [ ] A. Geotextile filter fabric
- [ ] B. Perimeter barrier
- [ ] C. None of the above
- [x] D. Both A & B

Alfreda Jeffords — 04/20/2021

Signature — Date

By typing your name above, this acts as your electronic signature for this test and serves with the same authority as a physical signature as per Alabama Code – Section 8-1A-7. You are authorizing you solely took the test on your own with no assistance from other individuals. Any falsification of information or use by an unauthorized user is a violation of the NPDES General Permit Part IV Section X - Civil and Criminal Liability.

PESTICIDE APPLICATOR PERMIT

Department of AGRICULTURE & INDUSTRIES

Alabama

Richard Beard Building
1445 Federal Drive
Montgomery, AL 36107

Pesticide Management ~ Certification Unit
Commercial: (334) 240-7240 ~ Private: (334) 240-7286
www.agi.alabama.gov/divisions/pesticide-management

QCI Important Information

- Initial training and annual refresher training must be obtained from the same training provider or a recognized reciprocal partner.
- If you change employers, you must notify ADEM and Thompson Engineering *and* recertify.
- For information about QCI training dates and locations, call 251.666.2443 or visit www.thompsonengineering.com.

QCI Important Information

- Initial training and annual refresher training must be obtained from the same training provider or a recognized reciprocal partner.
- If you change employers, you must notify ADEM and Thompson Engineering *and* recertify.
- For information about QCI training dates and locations, call 251.666.2443 or visit www.thompsonengineering.com.

ALFREDA LOUISE JEFFORDS

is certified as a

Commercial Applicator

Categories:

Expiration: 4/28/2023

Permit #: 2004325

ADEM

Qualified Credentialed Inspector
Alfreda (Weesie) Jeffords
QCI No. T6211
Expiration Date: 6/12/2020

Baldwin County Highway Department
P.O. Box 220
Silverhill, AL 36576
alfreda.jeffords@baldwincountyal.gov

Initial Training: 6/12/2019
Most Recent Annual Update: 6/12/2019

ADEM

Qualified Credentialed Inspector
Alfreda (Weesie) Jeffords
QCI No. T6211
Expiration Date: 6/12/2021

Baldwin County Commission
P.O. Box 220
Silverhill, AL 36576
Phone: 251-348-0028
weesie.jeffords@baldwincountyal.gov

Initial Training: 6/12/2019
Most Recent Annual Update: 6/11/2020

Certificate of Completion

presented by

CONTECH® ENGINEERED SOLUTIONS

Print my certificate.

This certifies that

Alfreda Jeffords

attended the One-Hour Technical Presentation, **Reline Technology Solutions What You Need To Know,** presented by Contech Engineered Solutions LLC on April 9, 2020.

This program covered technical issues relevant to the engineering profession as outlined below:

Program Sponsored by: Contech Engineered Solutions
Presented by: Rian McCaslin and Bob Moore
Discussion Included: Reline Technology Solutions
Duration: 1.0 hours

Rian McCaslin
Drainage Area Manager

**Please check with your governing board to confirm this method of education meets registration requirements.*

Ashley Campbell

From: McGlynn, Shannon <smcglynn@adem.alabama.gov>
Sent: Friday, April 30, 2021 2:14 PM
To: Griffin, Heather M; Summerlin, Susan; Locascio, Amanda M; mike.shelton@dcnr.alabama.gov; eguarino@soearth.com; kim.burmeister@fairhopeal.gov; Joyce.nicholas@usda.gov; nick.branum@lennar.com; jkudulis@mobilebaynep.com; cgreer@payne-env.com; timwhite@daphneal.com; rhonda.gulledge@mobilecountyal.gov; j.jacobs@thecityofprichard.org; mmagnoli@parkermartingroup.com; jay.broughton@drivenengineering.com; weesie.jeffords@baldwincounyal.gov; afaulk@hargrove-epc.com; cledet@daphneal.com; paige.felts@volkert.com; Ashley Campbell; sohearn@thompsonengineering.com; ray.richardson@cityofmobile.org; richard.peterson@mottmac.com; perry.oakes@al.nacdnet.net; ara0045@auburn.edu; thomp13@auburn.edu; lgahagan@cityoffoley.org; mahtaab.bagherzadeh@ky.gov; Parker, William; Evan.reid@volkert.com; lmcdonald@myescambia.com; wascheffel@myescambia.com; lsimon@mobilebaykeeper.org; carter.kamilah@epa.gov; elizabeth.brock@mbakerintl.com; madeline.seale@mbakerintl.com; environment@cityofspanishfort.com; rosemary@cityofmobile.org; ryne.smith@cityofmobile.org; nolan_equip@msn.com; cmiller@mobilebaynep.com; therder@mobilebaynep.com; PerryT@ky.gov; Huff, Lisa; Len, Michael; Minton, Kimberly; Haslbauer, Jennifer; johnson.bonita@epa.gov; david.ludwig@cityofmobile.org; Alfreda Jeffords; Cade Kistler; rswann@mobilebaynep.com; mblanchard@mobilebaynep.com; elizabeth.brock@mbakerintl.com
Subject: Thank you for Attending the 2021 River Basin Conference!

This message has originated from an **External Source**. Please use proper judgment and caution when opening attachments, clicking links, or responding to this email.

Thank you for attending the 2021 Coastal Basin Conference. Yesterday was packed with 9 presentations and a whole lot of information.

In this email, we have attached several documents to help you as you process the meeting. We have attached the agenda from yesterday with links to the videos. These videos will be available until June 1. In the second attachment is the speakers' names and contact information for easy access for any questions you may have. The links discussed in the chat have been placed at the bottom of this email.

Our ADEM NPS Unit would like to thank you all for participating yesterday morning. There were some great discussions and the future for reducing NPS impairments looks bright with all of you involved. We want to take the time again to also thank all the presenters for their expertise, knowledge, and great presentations, as well.

I hope you have a great weekend, and please feel free to reach out if you have any questions or if we can be of any help.

Links and information from Ms. Bonita Johnson with EPA on her presentation of Advancing Sustainability and Community Resilience through Collaborative Partnerships:

- https://www.epa.gov/community-revitalization
- Resources for Creating Healthy, Sustainable, and Equitable Communities | Environmental Justice | US EPA
- Flood Resilience

  Land Revitalization Toolkit

  Building Regional Disaster Resilience

  EPA may also invite other federal agency staff to these calls to provide input, ideas, and offer ongoing support. Federal partners could include the Economic Development Administration (EDA), Federal Emergency Management Agency (FEMA), Department of Housing and Urban Development (HUD),

Department of Agriculture (USDA), Department of Health and Human Services (HHS), Department of Transportation (DOT), and others.

Links and Information from Ms. Mahtaab Bagherzadeh, and her presentation on Watershed Management & Hazardous Mitigation Planning: Collaborative Benefits in a Changing Climate:

- https://www.fema.gov/sites/default/files/2020-08/fema_riskmap_nature-based-solutions-guide_2020.pdf
- http://www.kymitigation.org/green-infrastructure-info/
- https://www.fema.gov/about/organization/region-2/guides-expanding-mitigation
- http://www.kymitigation.org/nature-based-solutions-in-kentucky/

Thank you.

Shannon McGlynn
Nonpoint Source Unit
External Affairs Branch - Permits and Services Division
Alabama Department of Environmental Management
Post Office Box 301463
Montgomery, AL 36130-1463
Phone #: (334) 274-4196
smcglynn@adem.alabama.gov
adem.alabama.gov

Mission: Assure for all citizens of the state a safe, healthful and productive environment.

ALDOT Annual QCI Refresher Training

2021

4.00 Course Hours

Presented to:

Michael Campbell

Baldwin Co.

Has successfully completed the certification requirements as a

QCI # T3560

EXP.5/31/2022

ALDOT QCI Trainer

Richard Klinger, PE

ALABAMA ★ DEPARTMENT OF TRANSPORTATION ★

ALDOT Annual QCI Refresher Training

2021

4.00 Course Hours

Presented to:

John Lundy

Baldwin Co.

Has successfully completed the certification requirements as a

QCI # T0924

EXP.5/31/2022

ALDOT QCI Trainer

Richard Klinger, PE

ALABAMA ★ DEPARTMENT OF TRANSPORTATION ★

ALDOT Annual QCI Refresher Training

2021

4.00 Course Hours

Presented to:

Pete Peterson

Baldwin Co.

Has successfully completed the certification requirements as a

QCI # T0797

EXP.5/31/2022

ALDOT QCI Trainer

Richard Klinger, PE

ALABAMA ★ DEPARTMENT OF TRANSPORTATION ★

ALDOT Annual QCI Refresher Training

2021

4.00 Course Hours

Presented to:

Michael Sharp

Baldwin Co.

Has successfully completed the certification requirements as a

QCI # 29814

EXP.5/31/2022

ALDOT QCI Trainer

Richard Klinger, PE

ALABAMA DEPARTMENT OF TRANSPORTATION

ALDOT Annual QCI Refresher Training

2021

4.00 Course Hours

Presented to:

Matthew Ulrich

Baldwin Co.

Has successfully completed the certification requirements as a

QCI # T5358

EXP.5/31/2022

ALDOT QCI Trainer

Richard Klinger, PE

ALABAMA ★ DEPARTMENT OF TRANSPORTATION ★

CERTIFICATE OF COMPLETION

SEDIMENT BASINS - MANAGING SEDIMENT & TURBIDITY:
VIRTUAL SHORT COURSES FOR COASTAL PROFESSIONALS

This certificate is awarded to

TYLER MITCHELL

MARCH 31, 2021
Total Contact Hours - 2.0

BALDWIN COUNTY SOIL AND WATER CONSERVATION DISTRICT;
WEEKS BAY RESERVE, COASTAL TRAINING PROGRAM; AND NOAA

Mike Shelton, Coastal Training Program Coordinator

March 31, 2021
Date

CERTIFICATE OF COMPLETION

THREE PRACTICES TO KEEP SEDIMENT ONSITE - ENTRY/EXIT PADS, SEDIMENT BARRIERS, & INLET PROTECTION:

VIRTUAL SHORT COURSES FOR COASTAL PROFESSIONALS

This certificate is awarded to

TYLER MITCHELL

MARCH 26, 2021

Total Contact Hours - 2.0

BALDWIN COUNTY SOIL AND WATER CONSERVATION DISTRICT;
WEEKS BAY RESERVE, COASTAL TRAINING PROGRAM; AND NOAA

Mike Shelton, Coastal Training Program Coordinator

March 26, 2021

Date

CERTIFICATE OF COMPLETION

VEGETATION MANAGEMENT STRATEGIES TO MANAGE EROSION & REDUCE SEDIMENT TRANSPORT:

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TYLER MITCHELL

MARCH 23, 2021

Total Contact Hours - 2.0

BALDWIN COUNTY SOIL AND WATER CONSERVATION DISTRICT;
WEEKS BAY RESERVE, COASTAL TRAINING PROGRAM; AND NOAA

Mike Shelton, Coastal Training Program Coordinator

March 23, 2021

Date

Alabama Stormwater Association

ASA Board of Directors

Daniel Ballard, ASLA, PLA
Alabama's Water Environment Association

Eve Brantley, PhD
Alabama Cooperative Extension System

Barry Fagan, PE/PLS, ENV SP, CPMSM, CPESC, CESSWI
Volkert, Inc.

John M. Harris
City of Opelika

Ashley Henderson, PE
Alabama Soil & Water Conservation Committee

Wade Henry, PE, CPMSM, CPESC
ALDOT

Scott Hofer, PE
Jefferson County Department of Health

Tom McCauley, CHMM
Auburn University

Case O'Dell, CPESC, CFM
City of Tuscaloosa

Scott Rogers, PhD, PE, CPMSM
ALDOT

Mike Shelton
Weeks Bay National Estuarine Research Reserve

Jeramy Ward, CPMSM, CPESC, CSI
City of Gadsden

March 23, 2021

MEMORANDUM

To: Alabama Stormwater Association (ASA) Seminar Attendees

From: ASA Board of Directors

RE: Documentation for Claiming Continuing Education Credit

This memorandum serves to verify that you attended the virtual seminar "Reissuance of the Construction General Permit: A Discussion with ADEM" hosted by ASA on March 23, 2021. The speakers for the seminar were Mr. James Carlson and Ms. Shelane Bergquist of the Alabama Department of Environmental Management. The seminar commenced at approximately 1:30 p.m. CDT and adjourned at approximately 3:15 p.m.

Your participation in this event may be eligible for continuing education credit from an accrediting organization. You may submit this memorandum to any applicable accrediting organization to claim credit.

Alabama Stormwater Association

"Reissuance of the Construction General Permit:
A Discussion with ADEM"

Mar. 23, 2021 1:30 PM - 3:30 PM

***** Final Registration Roster *****

Last Name	First Name	Organization	Email
Allen	Case	Mazda Toyota Manufacturing	casey.whatley@gmail.com
Ammons	John	ALDOT (retired)	johnammons765@gmail.com
Bahena	Steven	Alabaster Water Board	sbahena@alabasterwater.com
Ballard	Daniel	City of Auburn	dballard@auburnalabama.org
Batson	Bill	City of Florence	bbatson@florenceal.org
Bergquist	Shelane	ADEM	sbergquist@adem.alabama.gov
Brady	Christopher	City of Vestavia Hills	cbrady@vhal.org
Brantley	Eve	Auburn University / Alabama Cooperative Extension System	brantef@auburn.edu
Brooks	Sharman	Shelby County Development Services	sbrooks@shelbyal.com
Brooks	Winston	Volkert, Inc.	winston.brooks@volkert.com
Brown	Gary	Goodwyn Mills Cawood	gary.brown@gmcnetwork.com
Bryant	Gregory	Alabama A&M University	gregory.bryant@aamu.edu
Brymer	Thomas	Volkert, Inc.	thomas.brymer@volkert.com
Burmeister	Kim	City of Fairhope	kim.burmeister@fairhopeal.gov
Campbell	Ashley	Baldwin County Commission	Ashley.Campbell@baldwincountyal.gov
Carlson	Jimbo	ADEM	jhc@adem.alabama.gov
Chandler	Kirk	Hydro Engineering Solutions	kchandler@hydro-engineering.net
Connell	Brett	Trutta Environmental Solutions	brett.connell@truttasolutions.com
Cunningham	Robert	Tuscaloosa County Public Works Department	bcunningham@tuscco.com
Deason	Lisa	City of Smiths Station	lisadeason@smithsstational.gov
Duerr	Darlene	City of Huntsville, Natural Resources	darlene.duerr@huntsvilleal.gov
Dunson	Michelle	City of Madison	michelle.dunson@madisonal.gov
Echols	Luster	City of Tuscumbia	lechols01@comcast.net
Elledge	Mandy	Jefferson County Commission	elledgem@jccal.org
Fagan	Barry	Volkert, Inc.	barry.fagan@volkert.com
Fagan	Tracey		traceyfagan5@gmail.com
Felts	Paige	Volkert, Inc.	paige.felts@volkert.com
Fox	Katie	Geosyntec	kfox@geosyntec.com
Franklin	Nicholas	ALDOT	franklinn@dot.state.al.us
Freeman	Freddie	City of Bessemer	ffreeman@bessemeral.org
Gahagan	Leslie	City of Foley	lgahagan@cityoffoley.org
Garmon	Joel	City of Rainbow City	jgarmon@rbcalabama.com
Garrett	Frank	JM Garrett & Son, LLC	frankgarrett1943@gmail.com
Ginn	Rosemary	City of Mobile Engineering Department	rosemary@cityofmobile.org
Gossett	Daniel	Terracon	daniel.gossett@terracon.com
Hambric	Veronica	City of Gardendale	vhambric@cityofgardendale.com
Hamilton	Brandon	Shelby County	bhamilton@shelbyal.com
Harris	John	City of Opelika	jharris@opelika-al.gov

Alabama Stormwater Association

"Reissuance of the Construction General Permit:
A Discussion with ADEM"

Mar. 23, 2021 1:30 PM - 3:30 PM

***** Final Registration Roster *****

Last Name	First Name	Organization	Email
Henderson	Ashley	ALSWCC	ashley.henderson@swcc.alabama.gov
Henry	Wade	ALDOT	henryw@dot.state.al.us
Herrera	Jacky	ALDOT	herreray@dot.state.al.us
Hinchey	Byron	S&ME Inc.	bhinchey@smeinc.com
Hofer	Scott	Jefferson County Department of Health	scott.hofer@jcdh.org
Holloway	Katherine	Tuscaloosa County	kholloway@tuscco.com
Humphries	Barry	City of Hueytown	bhumphries@hueytownal.gov
Immel	Melinda	Volkert, Inc.	melinda.immel@volkert.com
Johnson	Jerone	City of Birmingham, Storm Water Management	jerone.johnson@birminghamal.gov
Jones	Matthew	Mobile County	matthew.jones@mobilecountyal.gov
Kane	Brian	Hydro Engineering Solutions	bkane@hydro-engineering.net
Kimbrough	DeAndrae	Perry County Commission	perryeng@bellsouth.net
Kimbrow	Dusty	City of Auburn	dkimbrow@auburnalabama.org
Klinger	Richard	ALDOT	klingerr@dot.state.al.us
Kuo	Mary	EPA	kuo.mary@epa.gov
Landers	Joel	City of Opelika	jlanders@opelika-al.gov
Lee	Tamekia	Jefferson County Commission	leeta@jccal.org
Lejeune	Christina	City of Fairhope Planning & Zoning	christina.lejeune@fairhopeal.gov
Ludwig	David	City of Mobile	david.ludwig@cityofmobile.org
Martin	Gerald		gfmartin1951@gmail.com
Martin	Greg	Tortorigi Construction, Inc.	greg@tortorigi.com
McCauley	Thomas	Auburn University	mccautp@auburn.edu
McCoy	Katie	Volkert, Inc.	katie.mccoy@volkert.com
Meadows	Caitlin	ALDOT	meadowsc@dot.state.al.us
Means	Todd	City of Glencoe	toddmeans@cityofglencoe.net
Mehaffey	Melissa	Goodwyn Mills Cawood	melissa.mehaffey@gmcnetwork.com
Miller	Ray	Volkert, Inc.	ray.miller@volkert.com
Moss	Angela	City of Birmingham	angela.moss@birminghamal.gov
Nelson	Sharon Deep	City of Hoover	sharon.deepnelson@hooveralabama.gov
Newton	Steve	TTL, Inc.	snewton@ttlusa.com
Oakes	Perry	ALSWCC	poakes4@charter.net
O'Dell	Case	City of Tuscaloosa	codell@tuscaloosa.com
O'Sullivan	Melissa	Volkert, Inc.	melissa.osullivan@volkert.com
Olive	Kristy	UAH	klo0003@uah.edu
Overton	Justinn	Coosa Riverkeeper	justinn@coosariver.org
Perez	Michael	Auburn University	map0032@auburn.edu
Perry	Troy	City of Birmingham	troy.perry@birminghamal.gov
Petway	William	Volkert, Inc.	william.petway@volkert.com
Phillips	Holly	City of Northport	hphillips@cityofnorthport.org

Alabama Stormwater Association

"Reissuance of the Construction General Permit:
A Discussion with ADEM"

Mar. 23, 2021 1:30 PM - 3:30 PM

***** Final Registration Roster *****

Last Name	First Name	Organization	Email
Pippin	Lisa	Lee County	lpippin@leeco.us
Potter	Keith	Silt Saver	keith@siltsaver.com
Powell	Richard	University of Alabama	rcpowell2@ua.edu
Presley	Don	ST Bunn Construction Co.	dpresley@stbunn.com
Pugh	Wyatt	City of Homewood	wyatt.pugh@homewoodal.org
Rains	Casey	City of Spanish Fort	environment@cityofspanishfort.com
Ratcliffe	Melanie	ADEM	melanie.ratcliffe@adem.alabama.gov
Rawlinson	Amy	Goodwyn Mills Cawood	amy.rawlinson@gmcnetwork.com
Reid	Evan	Volkert, Inc.	Evan.reid@volkert.com
Reid	Lisa	City Of Hueytown	lreid@hueytownal.gov
Rich	Judd	City of Southside	juddrich@cityofsouthside.com
Richardson	Karman	Volkert, Inc.	karman.richardson@volkert.com
Roberts	Johnathon	ALDOT	robertsj@dot.state.al.us
Rogers	Scott	ALDOT	rogerssc@dot.state.al.us
Romine	Gina	City of Madison	gina.romine@madisonal.gov
Seawell	Joel	Erosion Pros, LLC	joel@erosionpros.com
Shelton	Mike	Weeks Bay National Estuarine Research Reserve	mike.shelton@dcnr.alabama.gov
Smith	Brandon	Goodwyn Mills Cawood	brandon.smith@gmcnetwork.com
Smith	Dewayne	Hydro Engineering Solutions	dsmith@hydro-engineering.net
Smith	Jonika	Jefferson County Department of Health	jonika.smith@jcdh.org
Smith	Marla	City of Auburn	msmith@auburnalabama.org
Smith	Ryne	City of Mobile	Ryne.smith@cityofmobile.org
South	Jerry	South & Associates, Inc.	jerry@sabirmingham.com
Stephens	Mark	City of Jacksonville	mstephens@jacksonville-al.org
Stevenson	Jasey	Goodwyn Mills Cawood	jasey.stevenson@gmcnetwork.com
Sullivan	Todd	City of Florence	tsullivan@florenceal.org
Swinney	Jeff	Jefferson County Department of Health	Jeff.Swinney@jcdh.org
Thompson	Will	ALDOT	thompsonwi@dot.state.al.us
Tidwell	Paul	City of Gardendale	ptidwell@cityofgardendale.com
Tucker	Brett	City of Alabaster	btucker@cityofalabaster.com
Turner	Zachary	City of Huntsville	zachary.turner@huntsvilleal.gov
Vasconcelos	Jose	Auburn University	jgv@auburn.edu
Vermillion	Robert	Volkert, Inc.	rob.vermillion@volkert.com
Ward	Hunter	ALDOT	wardmi@dot.state.al.us
Ward	Jeramy	City of Gadsden	jward@cityofgadsden.com
Weems	Maggie	Wood	maggie.weems@woodplc.com
Wegleitner	Benjamin	Cahaba River Society	benw@cahabariversociety.org
Williams	Heather	Wood	heather.williams@woodplc.com
Wolery	John	Championship Enterprises, Inc.	jwolery@champsinc.us

Alabama Stormwater Association

"Reissuance of the Construction General Permit:
A Discussion with ADEM"

Mar. 23, 2021 1:30 PM - 3:30 PM

***** Final Registration Roster *****

Last Name	First Name	Organization	Email
Wright	Charles	Shelby County Development Services	cwright@shelbyal.com
Wynboom	Alexandra	Madison County	awynboom@madisoncountyal.gov
Yates	Kelly	Alabama Power Company	kayates@southernco.com
Yeldell	Sarah	S&ME, Inc.	syeldell@smeinc.com
York	Erica	City of Cullman	eyork@cullmanal.gov
Zahorscak	Clay	Etowah County Engineering Department	czahorscak@etowahcounty.org
Zwissler	Angela	University of North Alabama	azwissler@una.edu

WIN COUNTY SOIL & WATER CONSERVATION DIST
WEEKS BAY RESERVE COASTAL TRAINING PROG

TUAL SHORT COURSES FOR
OASTAL PROFESSIONA

STRUCTION STORMWATER MANAGMENT WORKS

ON MANAGMENT STRATEGIES TO MANAGE & REDUCE SEDIMENT TRANSPORT
IARCH 23, 2021 | 9-11 AM CST

ACTICES TO KEEP SEDIMENT ONSITE: ENTRY/EXIT DIMENT BARRIERS, & INLET PROTECTION
RCH 26, 2021 | 9-11 AM CST

' BASINS: MANAGING SEDIMENT & TURBIDITY
Y- MARCH 31, 2021 | 9-11 AM CST

Workshops registrati
required by March 14
http://bit.ly/al-st

GAN
EREZ
LKERT

BALDWIN COUNTY CONSERVATION DISTRICT

STATE LANDS DIVISION · ALABAMA DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES

NOAA · NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION · U.S. DEPARTMENT OF COMMERCE

Financial support for these worksh
by the Alabama Department of
Natural Resources, State Lands
Section, in part by a grant under th
Zone Management Act, administered
Coastal Management, NOAA, Silver S

Emergency Management Institute

FEMA

This Certificate of Achievement is to acknowledge that

JENNI R GUERRY

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

IS-00055
Household Hazardous Materials
A Guide for Citizens

Issued this 19th Day of September, 2008

Cortez Lawrence, PhD
Superintendent
Emergency Management Institute

0.3 CEU

Emergency Management Institute

FEMA

This Certificate of Achievement is to acknowledge that

JENNI R GUERRY

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

IS-00005.A
An Introduction to Hazardous Materials

Issued this 16th Day of September, 2008

Cortez Lawrence, PhD
Superintendent
Emergency Management Institute

1.0 CEU

South Central Public Health Training Center

Certificate of Completion

is awarded to

Jenni Guerry

by Tulane University School of Public Health and Tropical Medicine and the University of Alabama at Birmingham School of Public Health for successfully completing 4 contact hours in

Environmental Sampling and Monitoring in a Disaster

May, 2011

Ann C. Anderson, PhD
Co-Director
South Central Center for Public Health Preparedness

Peter Ginter, PhD
Co-Director
South Central Center for Public Health Preparedness

CERTIFICATE of COMPLETION

This is to certify that

Jenni Guerry

has completed the course
July 2, 2009

CDC0701
Potable Water

NEHA Approved Credit Hours: 2.0

Denise M. Brown
Director of Education

NEHA
E-LEARNING

CERTIFICATE of COMPLETION

This is to certify that

Jenni Guerry

has completed the course
July 9, 2009

CDC0701
Solid Waste and Hazardous Materials

NEHA Approved Credit Hours: 1.5

Denise M. Brown
Director of Education

NEHA
E-LEARNING

ALABAMA FIRE COLLEGE AND PERSONNEL STANDARDS COMMISSION

In recognition of successful completion of the requirements for certification, in accordance with the provisions of the National Fire Protection Association's Professional Qualification standards, awards this

HAZARDOUS MATERIALS AWARENESS AND OPERATIONAL

(MEETS AND/OR EXCEEDS NFPA 472, CHAPTERS 4, 5, 6.2, 6.6 OF THE 2008 EDITION)

Certificate

to

Russell Scott Wallace

this 1st day of August, 2010

Commission Chairman

Executive Director

IFSAC-1401262

ProBoard-146397

Emergency Management Institute

FEMA

This Certificate of Achievement is to acknowledge that

SCOTT WALLACE

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

IS-00055
Household Hazardous Materials
A Guide for Citizens

Issued this 21st Day of April, 2010

0.3 IACET CEU

Cortez Lawrence, PhD
Superintendent
Emergency Management Institute

Emergency Management Institute

FEMA

This Certificate of Achievement is to acknowledge that

SCOTT WALLACE

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

IS-00005.A
An Introduction to Hazardous Materials

Issued this 8th Day of September, 2010

1.0 IACET CEU

Cortez Lawrence, PhD
Superintendent
Emergency Management Institute

ALABAMA FIRE COLLEGE
AND PERSONNEL STANDARDS COMMISSION

In recognition of successful completion of the requirements for certification, in accordance with the provisions of the National Fire Protection Association's Professional Qualification standards, awards this

HAZARDOUS MATERIALS AWARENESS AND OPERATIONS

(MEETS AND/OR EXCEEDS NFPA 472, CHAPTERS 4, 5, 6.2, 6.6 OF THE 2008 EDITION)

Certificate

to

Danon Lanille Hoagland

this *20th* day of *April, 2013*

Commission Chairman

Executive Director

IFSAC-1775707

ProBoard-164801

Emergency Management Institute

FEMA

This Certificate of Achievement is to acknowledge that

DANON L HOAGLAND

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

IS-00005.a
An Introduction to Hazardous Materials

Issued this 22nd Day of April, 2013

1.0 IACET CEU

Tony Russell
Superintendent
Emergency Management Institute

Emergency Management Institute

FEMA

This Certificate of Achievement is to acknowledge that

DANON L HOAGLAND

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

IS-00055.a
Household Hazardous Materials
A Guide for Citizens

Issued this 22nd Day of April, 2013

0.4 IACET CEU

Tony Russell
Superintendent
Emergency Management Institute

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL

CHRISTOPHER BYRD

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Residential Building Inspector

Given this day March 20, 2020

Certificate No. 9536542

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL

DANIELLE BRAZWELL

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Permit Technician

Given this day December 3, 2005

Certificate No. 5272859

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

INTERNATIONAL CODE COUNCIL

recognizes participation in

Permit Technician Career Path - Free

on 12 October, 2020

1 Contact Hours/ 0.10 CEUs

Danielle Brazwell

Please Print Name

Tracy L. Lendi, Ph.D., MBA
Vice President, Training and Education

n/a

Instructor

ICC LEARNING center

ICC PREFERRED EDUCATION PROVIDER 1010-23412

IACET

IC9973

HSW no

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

INTERNATIONAL CODE COUNCIL

recognizes participation in

Permit Tech Webinar Series: Legal Principles

at WebEx

on 2 September, 2020

0.15 CEU

Danielle Brazwell

Please Print Name

Tracy L. Lendi, Ph.D., MBA
Vice President, Training and Education

n/a

Instructor

ICC LEARNING center

ICC PREFERRED EDUCATION PROVIDER 1010-15025

IACET

IC9494

HSW yes

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

INTERNATIONAL CODE COUNCIL

recognizes participation in

Permit Tech Webinar Series: Finding the Answers in the I-Codes

at WebEx

on 9 September, 2020

0.15 CEU

Danielle Brazwell

Please Print Name

Tracy L. Lendi, Ph.D., MBA
Vice President, Training and Education

n/a

Instructor

ICC LEARNING center

ICC PREFERRED EDUCATION PROVIDER 1010-15028

IACET

IC9496

HSW yes

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

INTERNATIONAL CODE COUNCIL

recognizes participation in

Permit Tech Webinar Series: Building Department Processes

at WebEx

on 26 August, 2020

0.15 CEU

Danielle Brazwell

Please Print Name

Tracy L. Lendi, Ph.D., MBA
Vice President, Training and Education

n/a

Instructor

ICC LEARNING center

ICC PREFERRED EDUCATION PROVIDER 1010-15026

IACET

IC9495

HSW yes

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

INTERNATIONAL CODE COUNCIL

recognizes participation in

Permit Tech Webinar Series: Reading Construction Documents

at WebEx

on 19 August, 2020

0.15 CEU

Danielle Brazwell

Please Print Name

Tracy L. Lendi, Ph.D., MBA
Vice President, Training and Education

n/a

Instructor

ICC LEARNING center

ICC PREFERRED EDUCATION PROVIDER 1010-15027

IACET

IC9499

HSW yes

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL
EDDIE HARPER

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Certified Building Official

Given this day August 23, 2020

~~Certificate No. 8710830~~

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

INTERNATIONAL CODE COUNCIL

EDDIE HARPER

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Residential Plumbing Inspector

Given this day November 1, 2019

Certificate No. 8710830

William R. Bryant
President, Board of Directors

Dominic Sims
Chief Executive Officer

ICC INTERNATIONAL CODE COUNCIL®

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

ASSOCIATION OF STATE FLOODPLAIN MANAGERS, INC.

CERTIFICATION BOARD OF REGENTS

HEREBY CERTIFIES THAT PURSUANT TO THE PROVISIONS OF THE CHARTER FOR THE CERTIFIED FLOODPLAIN MANAGER PROGRAM

Eddie D. Harper, CFM

IS DULY REGISTERED AS AN

ASFPM CERTIFIED FLOODPLAIN MANAGER

IN TESTIMONY WHEREOF THIS CERTIFICATE HAS BEEN ISSUED BY THE AUTHORITY OF THE CERTIFICATION BOARD OF REGENTS, CERTIFICATE NO. US-18-10190, ISSUED 1/26/2018. THIS CERTIFICATE SHALL EXPIRE 1/31/2020, UNLESS RENEWED ACCORDING TO THE RULES OF THIS BOARD.

CERTIFICATION BOARD OF REGENTS
PRESIDENT, MARK RIEBAU, CFM

ASSOCIATION OF STATE FLOODPLAIN MANAGE
EXECUTIVE DIRECTOR, CHAD M. BERGINNIS, CF

ASFPM CFM® CERTIFIED

INTERNATIONAL CODE COUNCIL

EDDIE D HARPER

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Residential Building Inspector

Given this day of September 30, 2017

Certificate No. 8710830

M Dwayne Garriss
President, Board of Directors

Dominic Sims
Chief Executive Officer

ICC INTERNATIONAL CODE COUNCIL®

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL

FABIA WATERS

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Permit Technician

Given this day February 4, 2021

Certificate No. 9916160

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

INTERNATIONAL CODE COUNCIL

FREDERICK GENE HOLMAN

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Residential Plans Examiner

Given this day of March 10, 2018

Certificate No. 8344316

Jay Elbettar
President, Board of Directors

Dominic Sims
Chief Executive Officer

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

INTERNATIONAL CODE COUNCIL

FREDERICK G HOLMAN

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Building Inspector

Given this day of June 6, 2017

Certificate No. 8344316

M Dwayne Garriss
President, Board of Directors

Dominic Sims
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

ICC INTERNATIONAL CODE COUNCIL®

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

INTERNATIONAL CODE COUNCIL

FREDERICK G HOLMAN

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Commercial Building Inspector

Given this day of March 11, 2017

Certificate No. 8344316

M Dwayne Garriss
President, Board of Directors

Dominic Sims
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC
CERTIFIED

ICC INTERNATIONAL CODE COUNCIL®

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

INTERNATIONAL CODE COUNCIL

FREDERICK G HOLMAN

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Plumbing Inspector

Given this day of November 18, 2016

Certificate No. 8344316

M Dwayne Garriss
President, Board of Directors

Dominic Sims
Chief Executive Officer

ICC INTERNATIONAL CODE COUNCIL

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

ASSOCIATION OF STATE

FLOODPLAIN MANAGERS, INC.

CERTIFICATION BOARD OF REGENTS

HEREBY CERTIFIES THAT PURSUANT TO THE PROVISIONS OF THE CHARTER FOR THE CERTIFIED FLOODPLAIN MANAGER PROGRAM

Frederick G. Holman, CFM

IS DULY REGISTERED AS AN

ASFPM CERTIFIED FLOODPLAIN MANAGER

IN TESTIMONY WHEREOF THIS CERTIFICATE HAS BEEN ISSUED BY THE AUTHORITY OF THE CERTIFICATION BOARD OF REGENTS, CERTIFICATE NO. US-16-09367, ISSUED 9/30/2016. THIS CERTIFICATE SHALL EXPIRE 1/31/2023, UNLESS RENEWED ACCORDING TO THE RULES OF THIS BOARD.

CERTIFICATION BOARD OF REGENTS
PRESIDENT, LOUIS T. GREENWELL, GISP, CFM

ASSOCIATION OF STATE FLOODPLAIN MANAGERS
EXECUTIVE DIRECTOR, CHAD M. BERGINNIS, CFM

ASFPM CFM® CERTIFIED

INTERNATIONAL CODE COUNCIL

FREDERICK G HOLMAN

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Commercial Plumbing Inspector

Given this day of September 10, 2016

Certificate No. 8344316

Alex "Cash" Olszowy III
President, Board of Directors

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

Dominic Sims
Chief Executive Officer

ICC INTERNATIONAL CODE COUNCIL®

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

INTERNATIONAL CODE COUNCIL

FREDERICK G HOLMAN

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Residential Combination Inspector

Given this day of August 10, 2016

Certificate No. 8344316

Alex "Cash" Oiszowy III
President, Board of Directors

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

Dominic Sims
Chief Executive Officer

ICC INTERNATIONAL CODE COUNCIL®

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

INTERNATIONAL CODE COUNCIL

FREDERICK G HOLMAN

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Residential Mechanical Inspector

Given this day of June 11, 2016

Certificate No. 8344316

Alex "Cash" Olszowy III
President, Board of Directors

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

Dominic Sims
Chief Executive Officer

ICC INTERNATIONAL CODE COUNCIL

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

INTERNATIONAL CODE COUNCIL

FREDERICK G HOLMAN

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Residential Electrical Inspector

Given this day of December 12, 2015

Certificate No. 8361851

Alex "Cash" Olszowy III
President, Board of Directors

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

Dominic Sims
Chief Executive Officer

ICC INTERNATIONAL CODE COUNCIL®

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

INTERNATIONAL CODE COUNCIL

FREDERICK G HOLMAN

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Residential Plumbing Inspector

Given this day of June 13, 2015

Certificate No. 8361851

Guy Tomberlin, CBO
President, Board of Directors

Dominic Sims
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

ICC INTERNATIONAL CODE COUNCIL®

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

Emergency Management Institute

FEMA

This Certificate of Achievement is to acknowledge that

FREDERICK G HOLMAN

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

IS-00700.a
National Incident Management System (NIMS)
An Introduction

Issued this 29th Day of May, 2015

Tony Russell
Superintendent
Emergency Management Institute

0.3 IACET CEU

Emergency Management Institute

FEMA

This Certificate of Achievement is to acknowledge that

FREDERICK G HOLMAN

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

IS-00100.b
Introduction to Incident Command System
ICS-100

Issued this 28th Day of May, 2015

Tony Russell
Superintendent
Emergency Management Institute

0.3 IACET CEU

INTERNATIONAL CODE COUNCIL

FREDERICK G HOLMAN

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Residential Building Inspector

Given this day of March 14, 2015

Certificate No. 8344316

Guy Tomberlin, CBO
President, Board of Directors

Dominic Sims
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

ICC INTERNATIONAL CODE COUNCIL®

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

INTERNATIONAL CODE COUNCIL

JANIE JOINER

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Permit Technician

Given this day of December 15, 2017

Certificate No. 8471382

Jay Elbettar
President, Board of Directors

Dominic Sims
Chief Executive Officer

ICC INTERNATIONAL CODE COUNCIL®

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

CERTIFICATE OF COMPLETION

This certificate is awarded to

Janie Joiner

In recognition for completion of the webinar:

INTRODUCTION TO THE COMMUNITY RATING SYSTEM

JANUARY 20, 2021

TOTAL CONTACT: 1.0 HR; AICP, 1.0 CM; ASFPM, 1.0 CFM

Signature

October 8, 2020

Date

Emergency Management Institute

FEMA

This Certificate of Achievement is to acknowledge that

JANIE M JOINER

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

IS-00700.b
An Introduction to the National Incident Management System

Issued this 21st Day of September, 2020

0.4 IACET CEU

Jeffrey D. Stern, Ph.D.
Superintendent
Emergency Management Institute
Federal Emergency Management Agency

Emergency Management Institute

FEMA

This Certificate of Achievement is to acknowledge that

JANIE M JOINER

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

IS-00100.c
Introduction to Incident Command System, ICS-100

Issued this 21st Day of September, 2020

0.2 IACET CEU

Jeffrey D. Stern, Ph.D.
Superintendent
Emergency Management Institute
Federal Emergency Management Agency

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL

MICHAEL MORRIS

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Residential Building Inspector

Given this day April 27, 2021

Certificate No. 9300957

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC.
CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL

MINDY SMITH

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Permit Technician

Given this day December 11, 2019

Certificate No. 9486425

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

Alabama Ethics Commission

CERTIFICATE OF COMPLETION

presented to

Mindy W. Smith

Baldwin County Commission

In recognition of

Alabama Ethics Law Training

Wednesday, April 21, 2021

By affixing my signature below, I acknowledge that I have received training regarding the *Alabama Ethics Law*. I understand that it is my responsibility to become familiar with the Ethics Law and to conduct myself accordingly, and that, if at any time my actions indicate a violation of said law, appropriate action will be taken.

Signature: Mindy W. Smith

Thomas B. Albritton
Executive Director
Alabama Ethics Commission

Emergency Management Institute

FEMA

This Certificate of Achievement is to acknowledge that

MINDY SMITH

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

IS-00700.b
An Introduction to the National Incident Management System

Issued this 21st Day of September, 2020

0.4 IACET CEU

Jeffrey D. Stern, Ph.D.
Superintendent
Emergency Management Institute
Federal Emergency Management Agency

Emergency Management Institute

FEMA

This Certificate of Achievement is to acknowledge that

MINDY SMITH

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

IS-00100.c
Introduction to Incident Command System, ICS-100

Issued this 8th Day of May, 2020

0.2 IACET CEU

Michael J. Sharon
Deputy Superintendent
Emergency Management Institute
Federal Emergency Management Agency

Alabama Ethics Commission

CERTIFICATE OF COMPLETION

presented to

Murray Andrew Authement Jr.

Baldwin County Commission

In recognition of

Alabama Ethics Law Training

Wednesday, April 07, 2021

By affixing my signature below, I acknowledge that I have received training regarding the *Alabama Ethics Law*. I understand that it is my responsibility to become familiar with the Ethics Law and to conduct myself accordingly, and that, if at any time my actions indicate a violation of said law, appropriate action will be taken.

Signature: _____

Thomas B. Albritton
Executive Director
Alabama Ethics Commission

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL
MURRAY AUTHEMENT

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Certified Building Official

Given this day August 20, 2020

Certificate No. 5186868

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC.
CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL
MURRAY AUTHEMENT

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Mechanical Code Specialist

Given this day August 20, 2020

Certificate No. 5186868

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL
MURRAY AUTHEMENT

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Building Code Specialist

Given this day August 20, 2020

Certificate No. 5186868

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

Emergency Management Institute

FEMA

This Certificate of Achievement is to acknowledge that

MURRAY AUTHEMENT JR.

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

IS-00100.c
Introduction to Incident Command System, ICS-100

Issued this 24th Day of June, 2020

0.2 IACET CEU

Jeffrey D. Stern, Ph.D.
Superintendent
Emergency Management Institute
Federal Emergency Management Agency

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL

MURRAY AUTHEMENT

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

ACCESSIBILITY INSPECTOR/PLANS EXAMINER

Given this day of December 27, 2019

Certificate No. 5186868

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL

MURRAY AUTHEMENT

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

ELECTRICAL INSPECTOR

Given this day of December 18, 2019

Certificate No. 5186868

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL

MURRAY AUTHEMENT

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

MECHANICAL INSPECTOR

Given this day of December 18, 2019

Certificate No. 5186868

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL

MURRAY AUTHEMENT

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

BUILDING INSPECTOR

Given this day of December 18, 2019

Certificate No. 5186868

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL

MURRAY AUTHEMENT

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

PLUMBING INSPECTOR

Given this day of December 18, 2019

Certificate No. 5186868

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL

MURRAY AUTHEMENT

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

COMBINATION INSPECTOR

Given this day of December 18, 2019

Certificate No. 5186868

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL

MURRAY AUTHEMENT

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

COMMERCIAL COMBINATION INSPECTOR

Given this day of July 14, 2018

Certificate No. 5186868

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL

MURRAY AUTHEMENT

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

RESIDENTIAL ENERGY INSPECTOR/PLANS EXAMINER

Given this day of April 24, 2015

Certificate No. 5186868

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL

MURRAY AUTHEMENT

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

MECHANICAL PLANS EXAMINER

Given this day of December 09, 2014

Certificate No. 5186868

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL

MURRAY AUTHEMENT

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

RESIDENTIAL PLANS EXAMINER

Given this day of April 16, 2014

Certificate No. 5186868

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL

MURRAY AUTHEMENT

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

COMMERCIAL PLUMBING INSPECTOR

Given this day of February 15, 2014

Certificate No. 5186868

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL

MURRAY AUTHEMENT

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

COMMERCIAL MECHANICAL INSPECTOR

Given this day of March 27, 2010

Certificate No. 5186868

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL

MURRAY AUTHEMENT

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

COMMERCIAL ELECTRICAL INSPECTOR

Given this day of December 13, 2008

Certificate No. 5186868

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL

MURRAY AUTHEMENT

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

BUILDING PLANS EXAMINER

Given this day of October 10, 2007

Certificate No. 5186868

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL

MURRAY AUTHEMENT

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

RESIDENTIAL COMBINATION INSPECTOR

Given this day of October 10, 2007

Certificate No. 5186868

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL

MURRAY AUTHEMENT

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

COMMERCIAL BUILDING INSPECTOR

Given this day of October 10, 2007

Certificate No. 5186868

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

Emergency Management Institute

FEMA

This Certificate of Achievement is to acknowledge that

MURRAY A. AUTHEMENT

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of this course:

IS-00100
Introduction to the Incident Command System,
(ICS 100)

Issued this 13th Day of September, 2006

Richard Callis
Acting Superintendent
Emergency Management Institute

0.3 CEU

FEMA Form 16-31, October 05

Emergency Management Institute

FEMA

This Certificate of Achievement is to acknowledge that

MURRAY A. AUTHEMENT

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of this course:

IS-00700
National Incident Management System
(NIMS) an Introduction

Issued this 01st Day of September, 2006

Richard Callis
Acting Superintendent
Emergency Management Institute

0.3 CEU

FEMA Form 16-31, October 05

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL

TAMMY THOMLEY

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Permit Technician

Given this day June 10, 2006

Certificate No. 5269770

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

INTERNATIONAL CODE COUNCIL

recognizes participation in

Permit Tech Webinar Series: Building Department Processes

on 24 March, 2021

1.5 Contact Hours/ 0.15 CEUs

Tammy Thomley

Please Print Name

Tracy L. Lendi, Ph.D., MBA
Vice President, Training and Education

n/a

Instructor

ICC LEARNING center

ICC PREFERRED EDUCATION PROVIDER 1010-15026

IACET

IC9495

HSW yes

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

INTERNATIONAL CODE COUNCIL

recognizes participation in

Permit Tech Webinar Series: Finding the Answers in the I-Codes

on 17 March, 2021

1.5 Contact Hours/ 0.15 CEUs

Tammy Thomley

Please Print Name

Tracy L. Lendi, Ph.D., MBA
Vice President, Training and Education

n/a

Instructor

ICC LEARNING center

ICC PREFERRED EDUCATION PROVIDER 1010-15028

AUTHORIZED IACET PROVIDER

IC9496

HSW yes

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

INTERNATIONAL CODE COUNCIL

recognizes participation in

Permit Tech Webinar Series: Reading Construction Documents

on 10 March, 2021

1.5 Contact Hours/ 0.15 CEUs

Tammy Thomley

Please Print Name

Tracy L. Lendi, Ph.D., MBA
Vice President, Training and Education

n/a

Instructor

ICC LEARNING center

ICC PREFERRED EDUCATION PROVIDER 1010-15027

IACET AUTHORIZED PROVIDER

IC9499

HSW yes

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL
WILLIAM LEE ANGLE

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Residential Mechanical Inspector

Given this day October 12, 2020

~~Certificate No. 9465745~~

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL

WILLIAM LEE ANGLE

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Residential Plumbing Inspector

Given this day February 7, 2020

Certificate No. 9465745

Greg Wheeler, CBO
President, Board of Directors

Dominic Sims, CBO
Chief Executive Officer

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

Emergency Management Institute

FEMA

This Certificate of Achievement is to acknowledge that

WILLIAM L ANGLE

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

IS-00700.b
An Introduction to the National Incident Management System

Issued this 6th Day of December, 2019

0.4 IACET CEU

Michael J. Sharon
Deputy Superintendent
Emergency Management Institute
Federal Emergency Management Agency

Emergency Management Institute

FEMA

This Certificate of Achievement is to acknowledge that

WILLIAM L ANGLE

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

IS-00100.c
Introduction to Incident Command System, ICS-100

Issued this 20th Day of November, 2019

0.2 IACET CEU

Michael J. Sharon
Deputy Superintendent
Emergency Management Institute
Federal Emergency Management Agency

INTERNATIONAL CODE COUNCIL

WILLIAM LEE ANGLE

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Residential Building Inspector

Given this day November 14, 2019

Certificate No. 9465745

William R. Bryant
President, Board of Directors

Dominic Sims
Chief Executive Officer

ICC INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

CERTIFICATE OF COMPLETION

SEDIMENT BASINS - MANAGING SEDIMENT & TURBIDITY:
VIRTUAL SHORT COURSES FOR COASTAL PROFESSIONALS

This certificate is awarded to

ASHLEY CAMPBELL

MARCH 31, 2021
Total Contact Hours - 2.0

BALDWIN COUNTY SOIL AND WATER CONSERVATION DISTRICT;
WEEKS BAY RESERVE, COASTAL TRAINING PROGRAM; AND NOAA

Baldwin County Soil and Water Conservation District

Mike Shelton, Coastal Training Program Coordinator

March 31, 2021
Date

CERTIFICATE OF COMPLETION

THREE PRACTICES TO KEEP SEDIMENT ONSITE - ENTRY/EXIT PADS, SEDIMENT BARRIERS, & INLET PROTECTION:

VIRTUAL SHORT COURSES FOR COASTAL PROFESSIONALS

This certificate is awarded to

ASHLEY CAMPBELL

MARCH 26, 2021

Total Contact Hours - 2.0

BALDWIN COUNTY SOIL AND WATER CONSERVATION DISTRICT;
WEEKS BAY RESERVE, COASTAL TRAINING PROGRAM; AND NOAA

Baldwin County Soil and Water Conservation District

Mike Shelton, Coastal Training Program Coordinator

March 26, 2021

Date

CERTIFICATE OF COMPLETION

VEGETATION MANAGEMENT STRATEGIES TO MANAGE EROSION & REDUCE SEDIMENT TRANSPORT:

VIRTUAL SHORT COURSES FOR COASTAL PROFESSIONALS

This certificate is awarded to

ASHLEY CAMPBELL

MARCH 23, 2021

Total Contact Hours - 2.0

BALDWIN COUNTY SOIL AND WATER CONSERVATION DISTRICT;
WEEKS BAY RESERVE, COASTAL TRAINING PROGRAM; AND NOAA

Mike Shelton, Coastal Training Program Coordinator

March 23, 2021

Date

CERTIFICATE OF COMPLETION

VEGETATION MANAGEMENT STRATEGIES TO MANAGE EROSION & REDUCE SEDIMENT TRANSPORT:

VIRTUAL SHORT COURSES FOR COASTAL PROFESSIONALS

This certificate is awarded to

ORIE KING

MARCH 23, 2021

Total Contact Hours - 2.0

BALDWIN COUNTY SOIL AND WATER CONSERVATION DISTRICT;
WEEKS BAY RESERVE, COASTAL TRAINING PROGRAM; AND NOAA

Baldwin County Soil and Water Conservation District

Mike Shelton, Coastal Training Program Coordinator

March 23, 2021

Date

Thursday, October 15th – Daphne Civic Center
2603 U.S. Highway 98, Daphne, AL 36526

To get 8 hours, we have a full day:
8:00 a.m.
Registration & Check in
8:30 – 10:30 a.m.
Best Practices in Landfill Management & Maintenance, Clay Layne, Waste Application Specialist, Caterpillar, Inc.
10:30 – 11:00 a.m.
Alabama Recycling Update
11:00 – 12 noon
Best Practices for Safety in Solid Waste Facilities, Jeff Fantell, LaBella Associates
12:00 Noon
Box Lunches & Business Meeting
12:30 – 2:00 p.m.
ADEM & ADPH Regulatory Updates
2:00 – 5:00 p.m.
ADEM 3 Hour Landfill Operator Course

Registration Cost

1 SWANA Member - $295 _____ ARC Member - $295
_____ ADPH/ADEM Staff - $295 2 Non-Member - $395
6 Landfill Operator Course **Only** - $45

Virtual Meeting with Neal Bolton - Recording Available to View

☒

We had over 100 people participate in last week's 2 hour virtual session with Neal Bolton on Best Practices.

Between a global pandemic, a range of natural disasters, economic downturn, and continuing fluctuations related to recycling markets, the entire solid waste industry is facing challenging times. But challenges also bring opportunities for innovation, and these current times are ripe for finding new ways of doing things. This webinar discussed some of the evolving trends in solid waste management, how virtual training can lead to higher levels of safety and efficiency, ways solid waste systems can prepare for and manage disaster debris from hurricanes, wildfires, and other natural disasters, and how long-term planning can help address short-term challenges.

CERTIFICATE OF COMPLETION

This Certifies That

AMANDA WHITTINGTON

Has successfully completed the
Solid Waste Facility Operator Training Course:

ALABAMA 9-HOUR CONTINUING EDUCATION

JUNE 30, 2020

Jeffry M Fantell

Instructor—Jeffrey Fantell

06/30/2020

Date

LaBella
Joyce Training

1604 Ownby Lane
Richmond, VA 23220
www.JoyceEngineering.com

CERTIFICATE OF COMPLETION

This Certifies That

AMY GALEMORE

Has successfully completed the
Solid Waste Facility Operator Training Course:

ALABAMA 9-HOUR CONTINUING EDUCATION

JUNE 30, 2020

Jeffrey M Fantell

Instructor—Jeffrey Fantell

06/30/2020

Date

LaBella
Joyce Training

1604 Ownby Lane
Richmond, VA 23220
www.JoyceEngineering.com

CERTIFICATE OF COMPLETION

This Certifies That

JIMMY SHIVER

Has successfully completed the
Solid Waste Facility Operator Training Course:

ALABAMA 9-HOUR CONTINUING EDUCATION
JUNE 30, 2020

Jeffry M Fantell

Instructor—Jeffrey Fantell

06/30/2020

Date

LaBella
Joyce Training

1604 Ownby Lane
Richmond, VA 23220
www.JoyceEngineering.com

CERTIFICATE OF COMPLETION

This Certifies That

CAROL POWELL

Has successfully completed the
Solid Waste Facility Operator Training Course:

ALABAMA 9-HOUR CONTINUING EDUCATION

JUNE 30, 2020

Jeffry M Fantell

Instructor—Jeffrey Fantell

06/30/2020

Date

LaBella
Joyce Training

1604 Ownby Lane
Richmond, VA 23220
www.JoyceEngineering.com

CERTIFICATE OF COMPLETION

This Certifies That

J.T. QUALLS

Has successfully completed the
Solid Waste Facility Operator Training Course:

ALABAMA 9-HOUR CONTINUING EDUCATION
JUNE 30, 2020

Jeffrey M Fantell

Instructor—Jeffrey Fantell

06/30/2020
Date

LaBella
Joyce Training

1604 Ownby Lane
Richmond, VA 23220
www.JoyceEngineering.com

CERTIFICATE OF COMPLETION

This Certifies That

EUGENE PHILYAW

Has successfully completed the
Solid Waste Facility Operator Training Course:

ALABAMA 9-HOUR CONTINUING EDUCATION
JUNE 30, 2020

Jeffry M Fantell
Instructor—Jeffrey Fantell

06/30/2020
Date

LaBella
Joyce Training

1604 Ownby Lane
Richmond, VA 23220
www.JoyceEngineering.com

CERTIFICATE OF COMPLETION

This Certifies That

ROY KELLEY

Has successfully completed the
Solid Waste Facility Operator Training Course:

ALABAMA 9-HOUR CONTINUING EDUCATION
JUNE 30, 2020

Jeffry M Fantell
Instructor—Jeffrey Fantell

06/30/2020
Date

LaBella
Joyce Training

1604 Ownby Lane
Richmond, VA 23220
www.JoyceEngineering.com

Alabama Department of Environmental Management

CERTIFICATE OF COMPLETION

for

ALABAMA LANDFILL OPERATOR CERTIFICATION TRAINING COURSE

October 15, 2020

Roy Kelley

ATTENDEE

ADEM

Alabama Department of Environmental Management

ADEM LAND DIVISION CHIEF

ALABAMA GREAT SEAL

2020 SWANA Regional Meeting

October 15, 2020

Presented by

Alabama Chapter of the Solid Waste Association of North America

Awarded to

Roy Kelley

CE Credits Awarded 3

Scott Story

Scott Story

Larry A. Vinson, CAE

Larry A. Vinson, CAE

State of Alabama

Alabama Department of Environmental Management

This is to certify that

Roy Kelley

having given satisfactory evidence of the necessary qualifications required by the laws of the State of Alabama is hereby granted this

C/D and Industrial Landfill Operator

certificate of competency to be effective this 15th day of December, 2020

Operator Number: LFOP00855

Pursuant to Section 22-27-12 of the Code of Alabama, this certificate is the property of the Alabama Department of Environmental Management

Permits and Services Division

State of Alabama

Alabama Department of Environmental Management

This is to certify that

Jonathan Bryars

having given satisfactory evidence of the necessary qualifications required by the laws of the State of Alabama is hereby granted this

Municipal Solid Waste Landfill Operator

certificate of competency to be effective this 15th day of December, 2020

Operator Number: LFOP00856

Pursuant to Section 22-27-12 of the Code of Alabama, this certificate is the property of the Alabama Department of Environmental Management

Permits and Services Division

Alabama Department of Environmental Management

CERTIFICATE OF COMPLETION

for

ALABAMA LANDFILL OPERATOR CERTIFICATION TRAINING COURSE

October 15, 2020

Jonathan Bryars

ATTENDEE

ADEM

Alabama Department of Environmental Management

ADEM LAND DIVISION CHIEF

ALABAMA GREAT SEAL

2020 SWANA Regional Meeting

October 15, 2020

Presented by

Alabama Chapter of the Solid Waste Association of North America

Awarded to

Jonathan Bryars

CE Credits Awarded 8

Scott Story

Scott Story

Larry A. Vinson, CAE

Larry A. Vinson, CAE

CERTIFICATE OF COMPLETION

This Certifies That

JOHNATHAN BRYARS

Has successfully completed the
Solid Waste Facility Operator Training Course:

ALABAMA 9-HOUR CONTINUING EDUCATION
JUNE 30, 2020

Jeffrey M Fantell

Instructor—Jeffrey Fantell

06/30/2020
Date

LaBella
Joyce Training

1604 Ownby Lane
Richmond, VA 23220
www.JoyceEngineering.com

State of Alabama

Alabama Department of Environmental Management

This is to certify that

Suzanne Doughty

having given satisfactory evidence of the necessary qualifications required by the laws of the State of Alabama is hereby granted this

Municipal Solid Waste Landfill Operator

certificate of competency to be effective this 15th day of December, 2020

Operator Number: LFOP00857

Pursuant to Section 22-27-12 of the Code of Alabama, this certificate is the property of the Alabama Department of Environmental Management

Permits and Services Division

Alabama Department of Environmental Management

CERTIFICATE OF COMPLETION

for

ALABAMA LANDFILL OPERATOR CERTIFICATION TRAINING COURSE

October 15, 2020

Suzane Doughty

ATTENDEE

ADEM

Alabama Department of Environmental Management

ADEM LAND DIVISION CHIEF

ALABAMA GREAT SEAL

2020 SWANA Regional Meeting

October 15, 2020

Presented by

Alabama Chapter of the Solid Waste Association of North America

Awarded to

Suzane Doughty

CE Credits Awarded 3

Scott Story

Scott Story

Larry A. Vinson, CAE

Larry A. Vinson, CAE

Alabama Department of Environmental Management

CERTIFICATE OF COMPLETION

for

ALABAMA LANDFILL OPERATOR CERTIFICATION TRAINING COURSE

October 15, 2020

Charlie Stanford

ATTENDEE

ADEM

Alabama Department of Environmental Management

ADEM LAND DIVISION CHIEF

ALABAMA GREAT SEAL

2020 SWANA Regional Meeting

October 15, 2020

Presented by

Alabama Chapter of the Solid Waste Association of North America

Awarded to

Charlie Stanford

CE Credits Awarded 3

Scott Story

Scott Story

Larry A. Vinson, CAE

Larry A. Vinson, CAE

CERTIFICATE OF COMPLETION

This Certifies That

MATT HARPER

Has successfully completed the
Solid Waste Facility Operator Training Course:

ALABAMA 9-HOUR CONTINUING EDUCATION
JUNE 30, 2020

Jeffry M Fantell

Instructor—Jeffrey Fantell

06/30/2020
Date

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Alabama Department of Environmental Management

CERTIFICATE OF COMPLETION

for

ALABAMA LANDFILL OPERATOR CERTIFICATION TRAINING COURSE

October 15, 2020

Matt Harper

ATTENDEE

ADEM

Alabama Department of Environmental Management

ADEM LAND DIVISION CHIEF

2020 SWANA Regional Meeting

October 15, 2020

Presented by

Alabama Chapter of the Solid Waste Association of North America

Awarded to

Matt Harper

CE Credits Awarded 3

Scott Story

Scott Story

Larry A. Vinson, CAE

Larry A. Vinson, CAE

CERTIFICATE OF COMPLETION

This Certifies That

KAREN SMITH

Has successfully completed the
Solid Waste Facility Operator Training Course:

ALABAMA 9-HOUR CONTINUING EDUCATION

JUNE 30, 2020

Jeffrey M Fantell

Instructor—Jeffrey Fantell

06/30/2020

Date

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Joyce Training

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Alabama Department of Environmental Management

CERTIFICATE OF COMPLETION

for

ALABAMA LANDFILL OPERATOR CERTIFICATION TRAINING COURSE

October 15, 2020

Karen Smith

ATTENDEE

ADEM

Alabama Department of Environmental Management

ADEM LAND DIVISION CHIEF

ALABAMA

GREAT SEAL

2020 SWANA Regional Meeting

October 15, 2020

Presented by

Alabama Chapter of the Solid Waste Association of North America

Awarded to

Karen Smith

CE Credits Awarded 3

Scott Story

Scott Story

Larry A. Vinson, CAE

Larry A. Vinson, CAE

CERTIFICATE OF COMPLETION

This Certifies That

ED FOX

Has successfully completed the
Solid Waste Facility Operator Training Course:

ALABAMA 9-HOUR CONTINUING EDUCATION
JUNE 30, 2020

Jeffry M Fantell

Instructor—Jeffrey Fantell

06/30/2020
Date

LaBella
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1604 Ownby Lane
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2020 SWANA Regional Meeting

October 15, 2020

Presented by

Alabama Chapter of the Solid Waste Association of North America

Awarded to

Ed Fox

CE Credits Awarded 8

Scott Story

Scott Story

Larry A. Vinson, CAE

Larry A. Vinson, CAE

2020 SWANA Regional Meeting

October 15, 2020

Presented by

Alabama Chapter of the Solid Waste Association of North America

Awarded to

Terri Graham

CE Credits Awarded 8

Scott Story

Scott Story

Larry A. Vinson, CAE

Larry A. Vinson, CAE

Certifications

SWANA

SOLID WASTE ASSOCIATION OF NORTH AMERICA

SWANA CERTIFIED PROFESSIONAL

This is to certify that

Terri Graham

has met the Solid Waste Association of North America's eligibility requirements and passed a comprehensive examination. Therefore, SWANA hereby designates Terri Graham as a:

Certified Manager

of

Landfill Operations

As of 11/03/2011 until 02/03/2024

Certification No. 841536

David Biderman
Executive Director & CEO

SWANA

SOLID WASTE ASSOCIATION OF NORTH AMERICA

SWANA CERTIFIED PROFESSIONAL

This is to certify that

Terri Graham

has met the Solid Waste Association of North America's eligibility requirements and passed a comprehensive examination. Therefore, SWANA hereby designates Terri Graham as a:

Certified Manager

of

Integrated Solid Waste Management Systems

As of 08/23/2018 until 11/23/2021

Certification No. 841536

David Biderman
Executive Director & CEO

SWANA

SOLID WASTE ASSOCIATION OF NORTH AMERICA

The Solid Waste Association of North America (SWANA)

Acknowledges that

David Deyton

Has completed SWANA's

Manager of Landfill Operations (MOLO)

July 9, 2020

And has earned **30 CEU credits**

Natalia Giraldo

Natalia Giraldo

Certification & Training

SWANA

SOLID WASTE ASSOCIATION OF NORTH AMERICA

The Solid Waste Association of North America (SWANA)

Acknowledges that

Suzanne Doughty

Has completed SWANA's

Manager of Landfill Operations (MOLO)

July 9, 2020

And has earned **30 CEU credits**

Natalia Giraldo

Natalia Giraldo

Certification & Training