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

CATEGORICAL EXCLUSION FROM ENVIRONMENTAL REVIEW

City of Florence
Lauderdale County

SRF Project No. CS010412-06

November 10, 2020

The Alabama Department of Environmental Management has made $7,500,000 in financial assistance available to the City of Florence using funds from the Clean Water State Revolving Fund (CWSRF) loan program. In accordance with State and Federal regulations that govern the program, the Alabama Department of Environmental Management has conducted a review to assess the potential impacts upon the environment that may result from implementation of this project.

The City of Florence proposes a long-range project to upgrade the wastewater treatment plant and replace and rehabilitate lift stations and the collection system. The proposed project consists of replacing influent lift station bar screens, influent flow meters, conveyors and mixers, lime stabilization and blending units, the polymer storage and feed system, primary scum pumps, lines and strainer, demolishing the old influent lift station and lagoon generator, installing covered biosolids storage area, blowers with variable frequency drives (VFDs) and dissolved oxygen (DO) analyzers and new aeration basin mixers at the Cypress Creek Wastewater Treatment Plant, replacing and rehabilitating concrete and clay sewer lines throughout the system, replacing aerial creek crossings, replacing Cox Creek, Industrial Park and Sweetwater Sewer Interceptors, upgrading Veteran's Drive Lift Station, McFarland Park Lift Station #2 and Briar Cliff Lift Stations. Completion of this project will reduce sanitary sewer overflows (SSO), reduce inflow/infiltration (I/I), maintain current and future regulatory compliance, and improve the treatment plant's energy efficiency.

The Alabama Department of Environmental Management has determined that the project qualifies for a Categorical Exclusion (CE) from further environmental study under the guidelines specified by the State Environmental Review Process (SERP) which specifically include actions which are solely directed toward minor rehabilitation of existing facilities, functional replacement of equipment, or towards the construction of new ancillary facilities adjacent or appurtenant to existing facilities. However, this decision may be reconsidered if significant adverse information concerning the potential environmental impacts of the project is discovered.

Comments relative to this project should be submitted in writing to Mrs. Chavon R. Jones, SRF Section, Permits & Services Division, Alabama Department of Environmental Management, P.O. Box 301463, Montgomery, Alabama 36130-1463, no later than 30 days after the date of public notice. The Alabama Department of Environmental Management will not take formal action to proceed with the project without carefully evaluating any public comments opposing the project.

Lance R. LeFleur
Director

LRL/EJR/CRJ/kbh

Attachment

The City of Florence
SRF# CS010412-06

The Categorical Exclusion is promulgated in the State Environmental Review Process (SERP) in Part IV, Section B: Categorical Exclusions for Clean Water State Revolving Fund Projects: (Italicized sections apply.)

1. The following clean water projects are eligible for categorical exclusions.

    a. Actions which are solely directed toward minor rehabilitation of existing facilities, functional replacement of equipment, or towards the construction of new ancillary facilities adjacent or appurtenant to existing facilities;

    b. Actions which do not affect the degree of treatment or capacity of the existing facility including, but not limited to, infiltration and inflow corrections, replacement of existing mechanical equipment or structures, and the construction of small structures on existing sites;

    c. *Actions which are for minor upgrading and minor expansion of existing treatment works in sewered communities with a population less than 10,000*;

    d. Actions where on-site technologies are proposed in unsewered communities of less that 10,000;

    e. Construction of new wastewater collection systems for existing communities, only if ancillary or appurtenant to existing facilities;

    f. Projects where funding is being provided for planning and/or engineering costs only (in which case the requirements of IV.B.1 a-f do no apply)

2. In order to determine if a clean water project is eligible for a CE, all of the following conditions must not apply:

    a. The action is known or expected to have a significant effect on the quality of the human environment, either individually, cumulatively over time, or in conjunction with other federal, State, local, tribal or private actions.

    b. The action is known or expected to adversely impact:
        1) Cultural resources areas such as archaeological and historical sites,
        2) Endangered or threatened species and their critical habitats,
        3) Environmentally important natural resources areas such as floodplains, wetlands, important farmlands, or aquifer recharging zones.

    c. This action is known or expected not to be cost-effective or to cause significant public controversy.

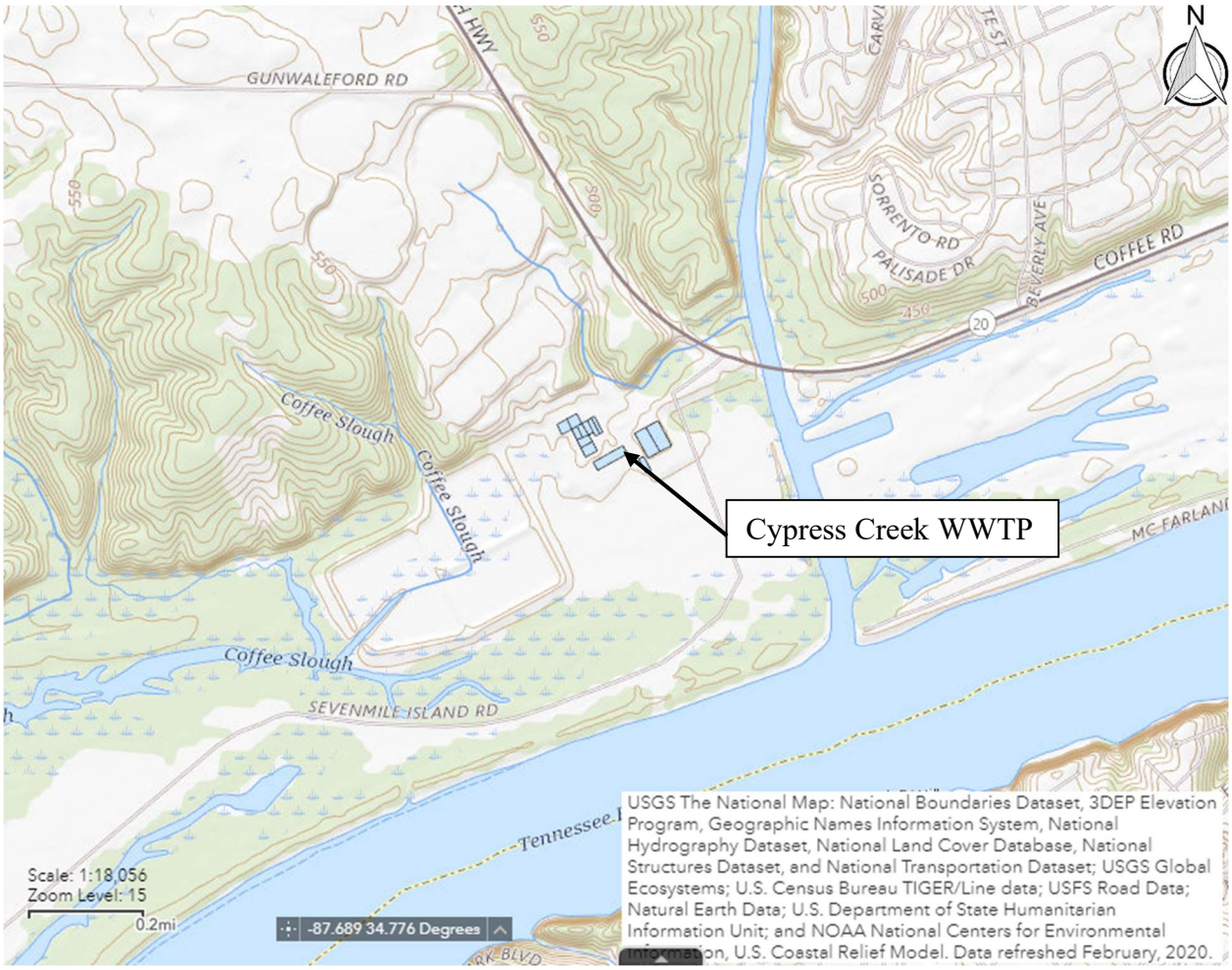
    d. The facilities to be provided will
        1) Create a new, or
        2) Significantly relocate an existing discharge to surface or ground waters.

    e. The facilities will result in more than 30% increases in the volume of discharge or the loading of pollutants from an existing source or from new facilities to receiving waters.

    f. The facilities would provide capacity to serve a population 30% higher than the anticipated design population.

Quadrangle Map

Cypress Creek Wastewater Treatment Plant Improvements



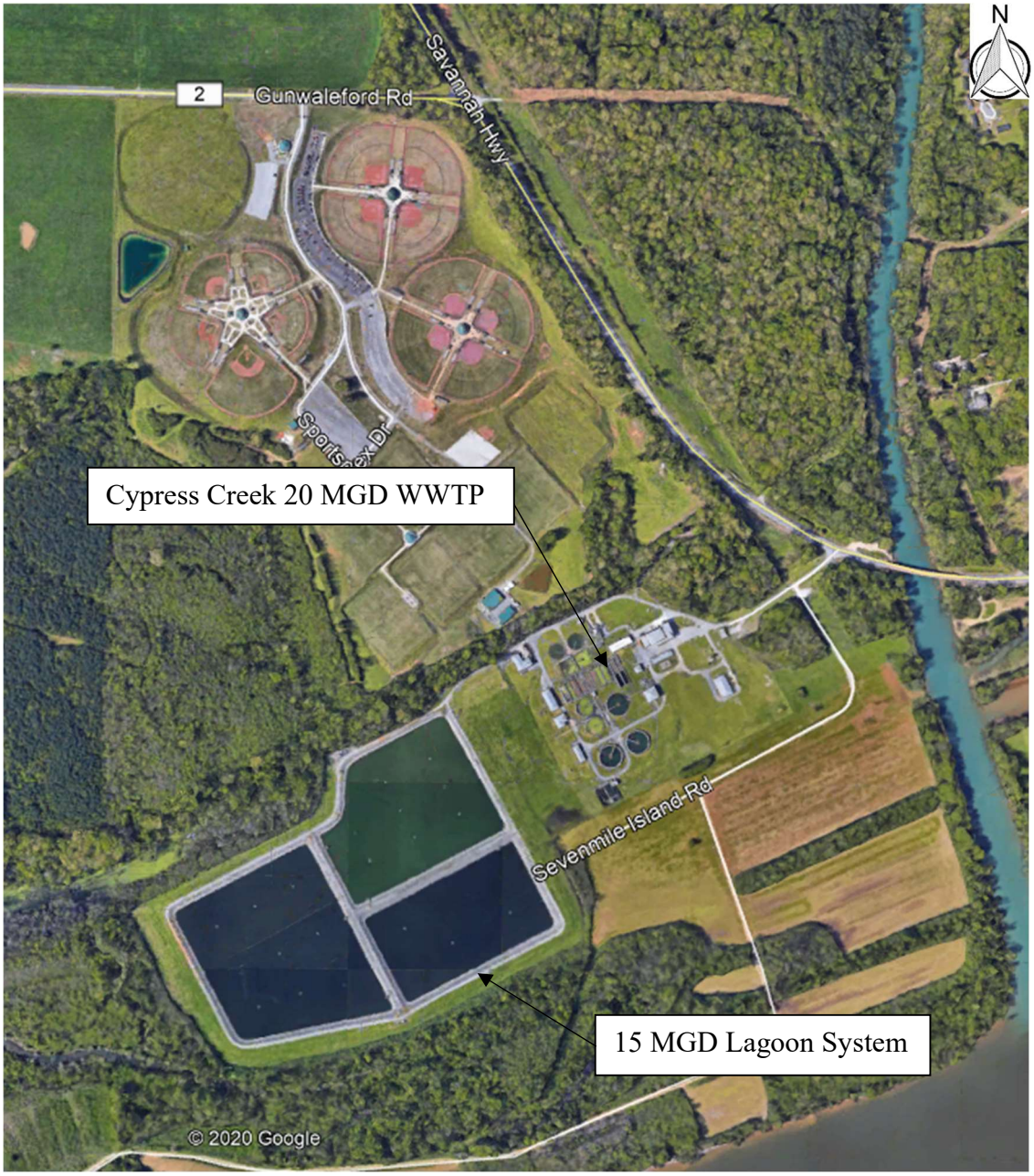
Vicinity Map

Cypress Creek Wastewater Treatment Plant

State Plane Coordinates

Longitude: 34˚ 47’ 02” N

Latitude: 87˚ 42’ 07” W



ALABAMA HISTORICAL COMMISSION

468 South Perry Street
P.O. Box 300900
Montgomery, Alabama 36130-0900
334-242-3184 / Fax: 334-240-3477

Lisa D. Jones
Executive Director
State Historic Preservation Officer

February 11, 2020

Robert E. Pride
Engineers of the South
2143 Arlington Blvd. Suite 3
Florence, AL 35630

Re: AHC 20-0375
City of Florence Alabama Wastewater system improvements-Cypress Creek
Lauderdale County

Dear Mr. Pride:

Upon review of the above referenced project, we have determined that project activities will have no effect on cultural resources eligible for or listed on the National Register of Historic Places. Therefore, we concur with the proposed project activities.

Consultation with the State Historic Preservation Office does not constitute consultation with Tribal Historic Preservation Offices, other Native American tribes, local governments, or the public. If archaeological materials are encountered during construction, the procedures codified at 36 CFR 800.13(b) will apply. Archaeological materials consist of any items, fifty years old or older, which were made or used by man. These items include but are not limited to, stone projectile points (arrowheads), ceramic sherds, bricks, worked wood, bone and stone, metal, and glass objects. The federal agency or the applicant receiving federal assistance should contact our office immediately. If human remains are encountered, the provisions of the Alabama Burial Act (*Code of Alabama* 1975, §13A-7-23.1, as amended; Alabama Historical Commission Administrative Code Chapter 460-X-10 Burials) should be followed. This stipulation shall be placed on the construction plans to insure contractors are aware of it.

We appreciate your commitment to helping us preserve Alabama's historic archaeological and architectural resources. Should you have any questions, please contact Eric Sipes at 334.230.2667 or Eric.Sipes@ahc.alabama.gov. Have the AHC tracking number referenced above available and include it with any future correspondence.

Sincerely,

Lee Anne Wofford

Lee Anne Wofford
Deputy State Historic Preservation Officer

LAW/EDS/law

TA/ WJP#3

RECEIVED
JAN 10 2020
BY: CW

ENGINEERS OF THE SOUTH 2020-TA-0368

January 7, 2020

Mr. Bill Pearson
FWS – AL Ecological Services Field Office
1208-B Main Street
Daphne, AL 36526

Re: City of Florence Alabama Water System Improvements
Cypress Creek Water Treatment Plant (CCWTP) Improvements

Dear Bill:

The City of Florence, Alabama has received notification from the Alabama Department of Environmental Management (ADEM) that the above referenced project may be considered for SRF Funding. As required by both state and federal statute, we are requesting that your office review this project for preliminary concurrence. Attached, you will find the following related documents:

1.) Project Narrative
2.) Overall Site Plan

The proposed project will not increase the WTP's capacity. The improvements are primarily focused on the replacement of aging or failing equipment, providing standby power, and improving the WTP's filtration processes. All of the work is within the existing structures and previously disturbed plant site.

If necessary, please provide any recommendations that you may have to avoid potential environmental or cultural impacts. If you need additional information, please do not hesitate to call me at (256) 766-9430. Thank you for your assistance.

Sincerely,
Engineers of the South, LLC

Robert E. Pride, PE

Attachments: Project Narrative
Site Plan

U.S. Fish and Wildlife Service
1208-B Main Street – Daphne, Alabama 36526
Phone: 251-441-5181 Fax: 251-441-6222

No federally listed species/critical habitat are known to occur in the project area. As described, the project will have no significant impact on fish and wildlife resources. IF PROJECT DESIGN CHANGES ARE MADE, PLEASE SUBMIT NEW PLANS FOR REVIEW. We recommend use of best management practices specific to your project (See http://www.fws.gov/daphne/section7/bmp.html).

William J. Pearson, Field Supervisor 1/14/2020 Date

#3

NACOLG
Northwest Alabama Council of Local Governments
P.O. Box 2603 Muscle Shoals, Alabama 35662

Keith Jones
Executive Director
kjones@nacolg.org

256-389-0500
256-389-0599 Fax

Steve Holt
Chairman

Bob Page
Vice Chairman

Sandra Burroughs
Secretary

January 30, 2020

Mr. Robert Pride, PE
Engineers of the South
2143 Arlington Blvd., Suite 3
Florence, AL 35630

Re: Project:
City of Florence, AL Wastewater System Improvements- Cypress Creek Wastewater Treatment Plant Improvements

Mr. Pride:

We are in receipt of your letter regarding ADEM's consideration of SRF funding for the proposed project, which will involve various improvements to the City's Cypress Creek Wastewater Treatment Plant. These improvements include the replacement and/or removal of aging equipment/components which cumulatively affect the energy efficiency and effectiveness of the treatment processes at Cypress Creek WWTP. Also, energy efficiency upgrades will ultimately lead to increased revenue availability for other needs that may arise within the system. We feel this request is both a proactive, and wise, investment. As such, this request is consistent and compatible with regional and local development plans and programs. This letter shall serve as regional concurrence with the proposed project.

Sincerely,

Keith Jones
Executive Director
NACOLG

Tennessee Valley Authority, Post Office Box 1010, Muscle Shoals, Alabama 35662-1010

January 15, 2020

Mr. Robert Pride, P.E.
Engineers of the South
On behalf of the City of Florence
2143 Arlington Boulevard, Suite 3
Florence, Alabama 35630

Dear Mr. Pride:

CITY OF FLORENCE STATE REVOLVING FUND (SRF) APPLICATION – LAUDERDALE COUNTY, ALABAMA

We have reviewed your January 2, 2020 letter notifying the Tennessee Valley Authority (TVA) of the City of Florence application for state revolving funds to improvements and replacement of aging equipment to improve overall energy efficiency within the City of Florence property holdings.

Based on the information submitted, it appears that no TVA property is being requested for the project. Activities that do not create new or additional obstruction are not new obstructions and would not require approval under Section 26a of the TVA Act. If you determine that any of the proposed activities will create a new obstruction, then the proposal would require approval from TVA. A completed application, final plans with detailed drawings, and appropriate application fee should be sent to TVA for review.

We appreciate the opportunity to work with you and look forward to working with you in the future. If you have any additional questions or concerns, please feel free to contact me at (256) 386-3456.

Sincerely,

Kenley Austin
Program Manager
Reservoir Land Use & Permitting

DEPARTMENT OF THE ARMY
NASHVILLE DISTRICT, U.S. ARMY CORPS OF ENGINEERS
WEST REGULATORY FIELD OFFICE
2424 DANVILLE ROAD SW, SUITE-N
DECATUR, AL 35063

January 10, 2020

Mr. Robert E. Pride
Engineers of the South
2143 Arlington Blvd, Suite 3
Florence, AL 35630

SUBJECT: File No. LRN-1996-47694; City of Florence Wastewater System Improvements Project, Tennessee River Mile 255.0 Right Bank, Lauderdale County, Alabama.

Dear Mr. Pride:

This is in response to your January 2, 2020 request for our comments regarding the subject project.

The U.S. Army Corps of Engineers (USACE) has regulatory responsibilities pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344). Under Section 10, the USACE regulates all work in, or affecting, navigable waters of the U.S. Under Section 404, the USACE regulates the discharge of dredged and/or fill material into waters of the U.S. (33 CFR Part 328).

A review of the information provided indicates the subject activity would not involve work in wetlands/waters of the U.S.; therefore, a Department of the Army permit would not be required.

We understand the project proposal may not have specific design plans at this time, and this inquiry is an initial review to obtain grant funds. We have no objections to the applicant receiving grant funds for the proposal.

If you have questions regarding this matter, please contact Eric Sinclair at the above address or telephone (256) 350-5620. Thank you for the opportunity to review and comment on this proposed project.

Sincerely,

Timothy C. Wilder
Chief, West Branch
Regulatory Division
U.S. Army Corps of Engineers

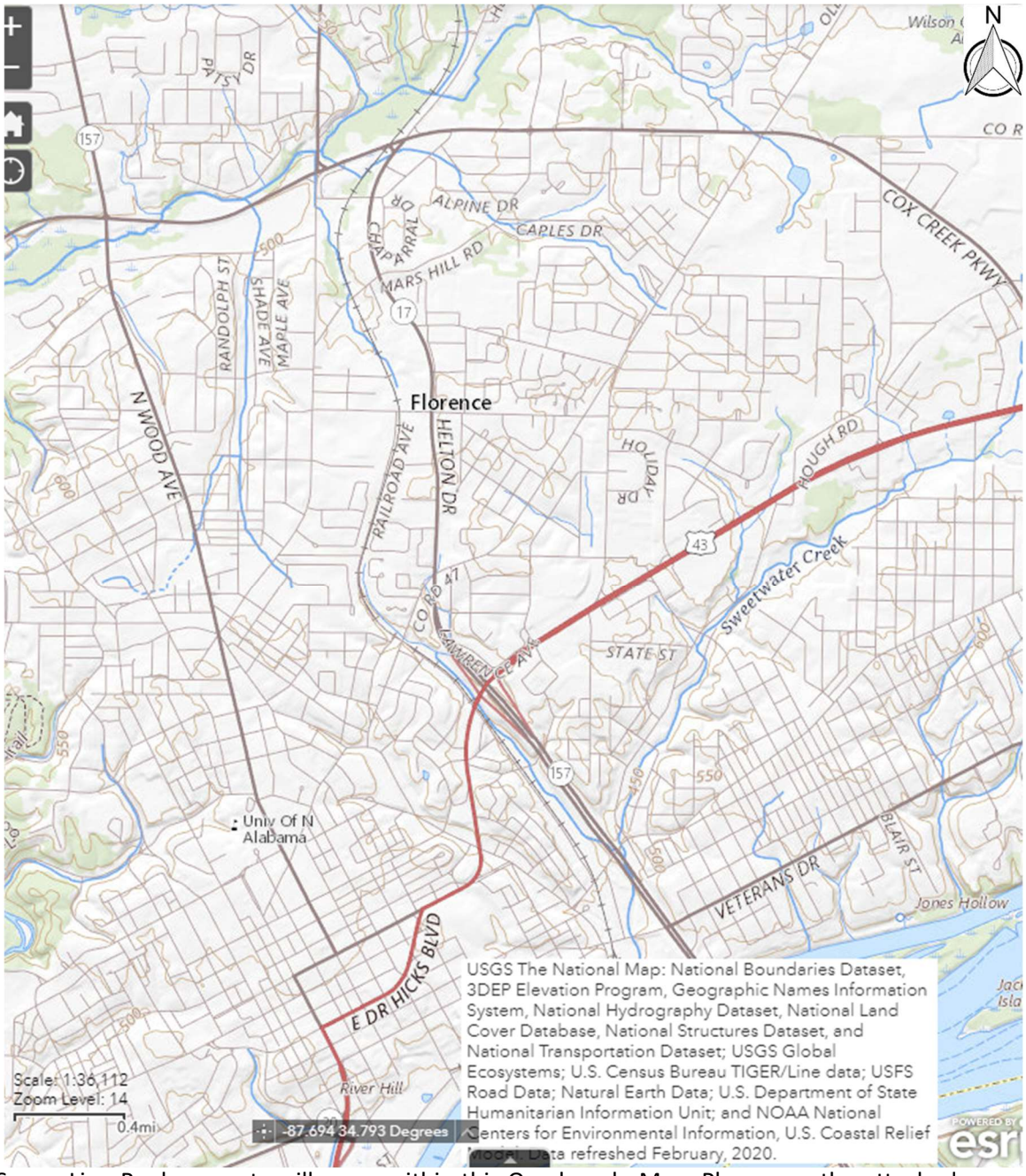
Please verify the receipt of this letter by sending a quick email to Brian.K.Gary@usace.army.mil with the following File Number: LRN-1996-47694. (Preferred Method). This helps me monitor the receipt of the letter. If you don't have email capabilities, you can also reach me by phone @ 256-350-5620.

Thank you for your time and help,

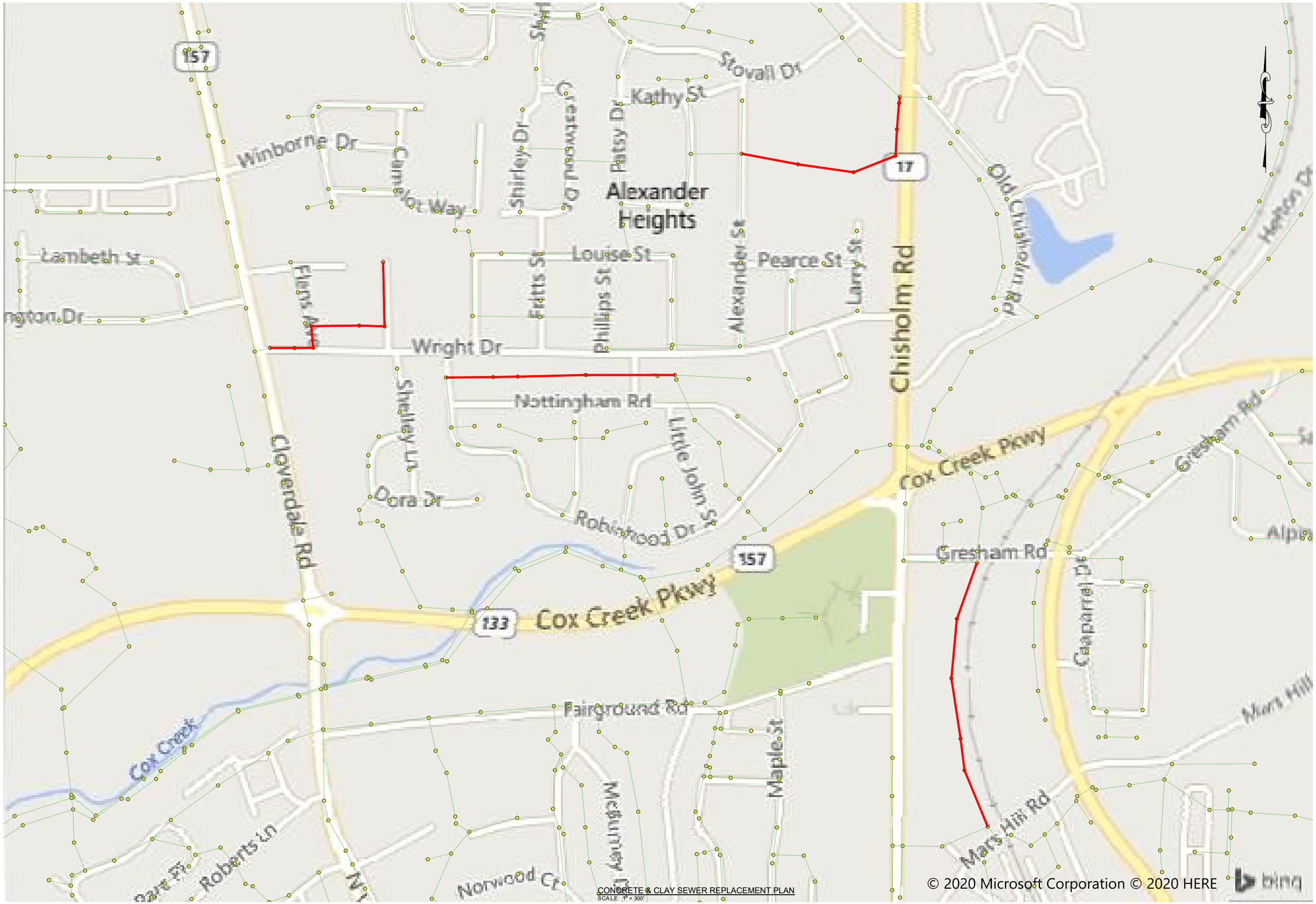
Brian Gary

Quadrangle Map

Concrete and Clay Sewer Replacements



All Sewer Line Replacements will occur within this Quadrangle Map. Please see the attached proposed sewer plans showing the locations for the work.



CONCRETE & CLAY SEWER REPLACEMENT PLAN
SCALE: 1" = 300'

ENGINEERS OF THE SOUTH

PRELIMINARY, NOT FOR CONSTRUCTION, RECORDING PURPOSES, OR IMPLEMENTATION

REVISIONS

NO	DATE	DESCRIPTION

■ FOR REVIEW AND COMMENT
□ AS-BID
□ CONSTRUCTION REVISIONS
□ AS-BUILT

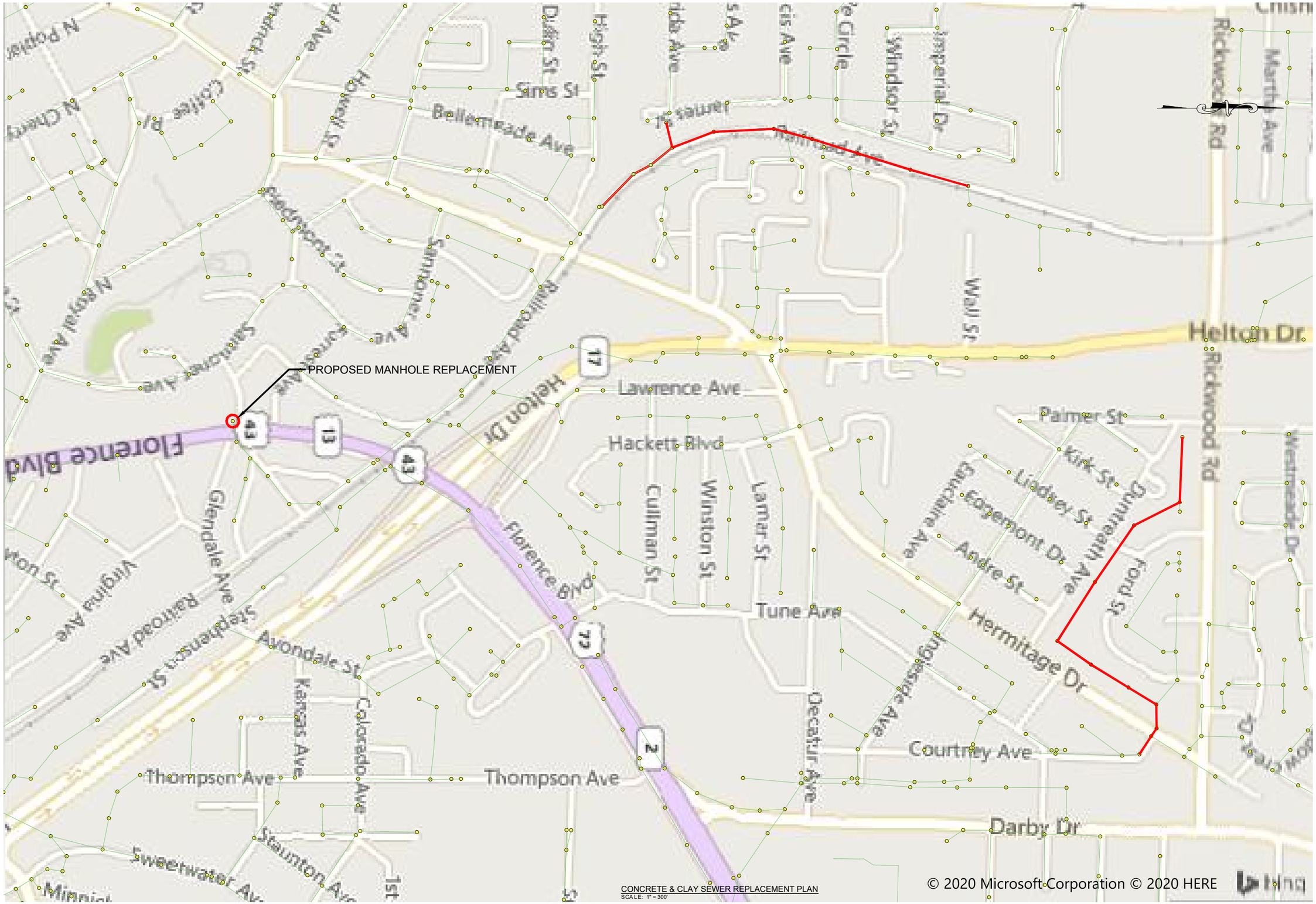
CITY OF FLORENCE, AL
WATER & WASTEWATER DEPARTMENT

CONCRETE AND CLAY SEWER REPLACEMENTS AND REHABILITATION

ELKS LODGE, WRIGHT DR, AND FOREST HILL SCHOOL SEWER REPLACEMENT

BOX IS 2 IN WIDE AT FULL SCALE

JOB NO:	FL-2010
DATE:	SEPT 2020
DESIGNED BY:	DAH
DRAWN BY:	JFL
DWG:	10-C-01
SHEET NUMBER	1



ENGINEERS OF THE SOUTH

PRELIMINARY, NOT FOR CONSTRUCTION, RECORDING PURPOSES, OR IMPLEMENTATION

REVISIONS

NO	DATE	DESCRIPTION
■		FOR REVIEW AND COMMENT

☐ AS-BID ☐ CONSTRUCTION REVISIONS ☐ AS-BUILT

CITY OF FLORENCE, AL
WATER & WASTEWATER DEPARTMENT

CONCRETE AND CLAY SEWER REPLACEMENTS AND REHABILITATION

RAILROAD AVE, FORD ST, AND GLENDALE SEWER REPLACEMENT

BOX IS 2 IN WIDE AT FULL SCALE

JOB NO:	FL-2010
DATE:	SEPT 2020
DESIGNED BY:	DAH
DRAWN BY:	JFL
DWG:	10-C-02
SHEET NUMBER	2

ENGINEERS OF THE SOUTH

PRELIMINARY, NOT FOR CONSTRUCTION, RECORDING PURPOSES, OR IMPLEMENTATION

REVISIONS

NO	DATE	DESCRIPTION
■		FOR REVIEW AND COMMENT

☐ AS-BID ☐ CONSTRUCTION REVISIONS ☐ AS-BUILT

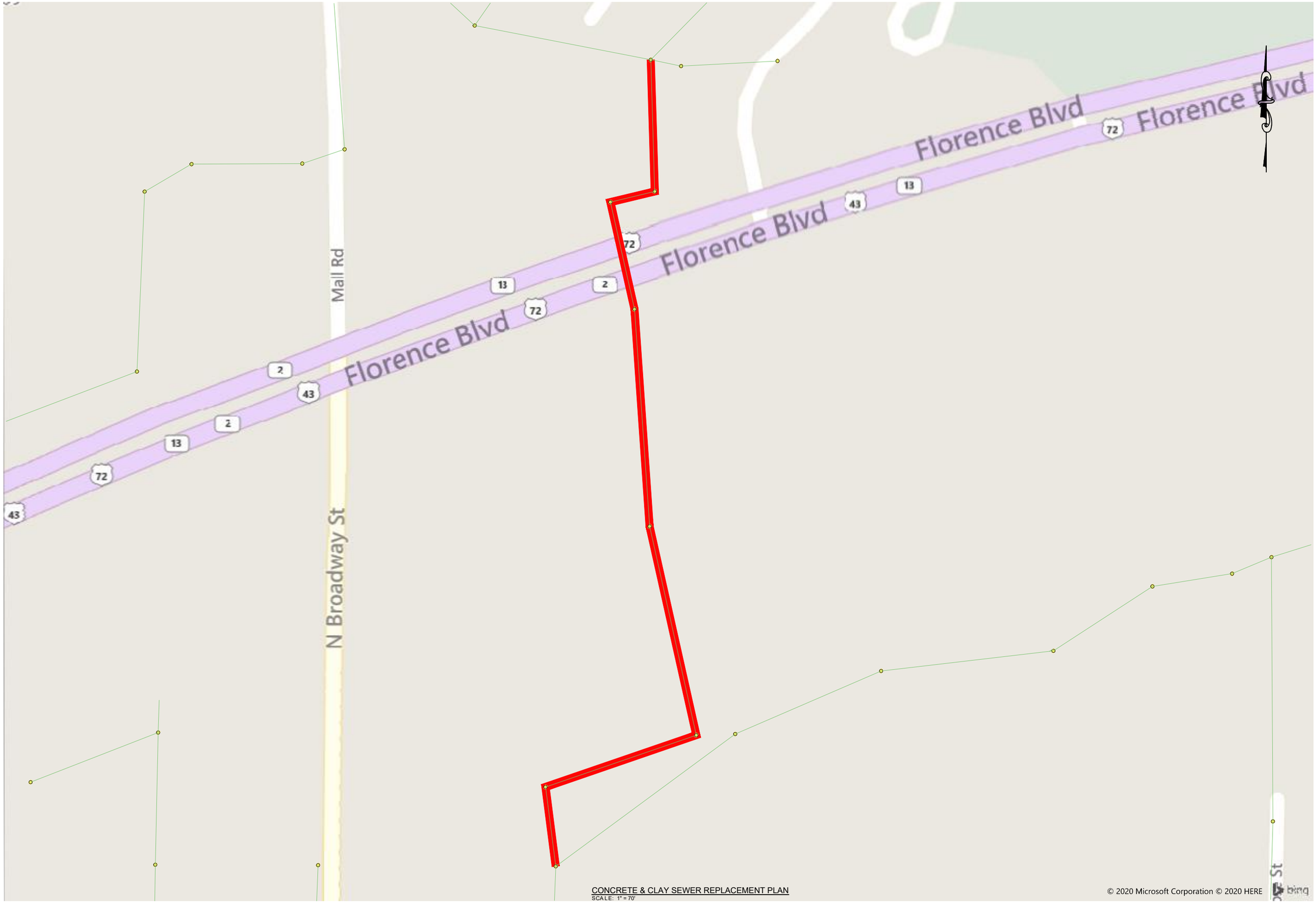
CITY OF FLORENCE, AL
WATER & WASTEWATER DEPARTMENT

CONCRETE AND CLAY SEWER REPLACEMENTS AND REHABILITATION

ALABAMA STREET SEWER REPLACEMENT

BOX IS 2 IN WIDE AT FULL SCALE

JOB NO:	FL-2010
DATE:	SEPT 2020
DESIGNED BY:	DAH
DRAWN BY:	JFL
DWG:	10-C-03
SHEET NUMBER	3



CONCRETE & CLAY SEWER REPLACEMENT PLAN
SCALE: 1" = 70'

ENGINEERS OF THE SOUTH

PRELIMINARY, NOT FOR CONSTRUCTION, RECORDING PURPOSES, OR IMPLEMENTATION

REVISIONS

NO	DATE	DESCRIPTION
■		FOR REVIEW AND COMMENT
□		AS-BID
□		CONSTRUCTION REVISIONS
□		AS-BUILT

CITY OF FLORENCE, AL
WATER & WASTEWATER DEPARTMENT

CONCRETE AND CLAY SEWER REPLACEMENTS AND REHABILITATION

BROADWAY STREET SEWER REPLACEMENT

BOX IS 2 IN WIDE AT FULL SCALE

JOB NO:	FL-2010
DATE:	SEPT 2020
DESIGNED BY:	DAH
DRAWN BY:	JFL
DWG:	10-C-04
SHEET NUMBER	4

DEPARTMENT OF THE ARMY
NASHVILLE DISTRICT, U.S. ARMY CORPS OF ENGINEERS
WEST REGULATORY FIELD OFFICE
2424 DANVILLE ROAD SW, SUITE-N
DECATUR, AL 35063

April 28, 2020

SUBJECT: File No. LRN-2020-00378; Concrete and Clay Sewer Project; Tennessee River Mile 255.0, Right Bank, Florence, Lauderdale County, Alabama.

Mr. Armand Hunt
Engineers of the South LLC
2143 Arlington BLVD
Suite 3, Florence, AL 35630

Dear Mr. Hunt:

This is in response to your April 13, 2020 request for our comments regarding the subject project.

The U.S. Army Corps of Engineers (USACE) has regulatory responsibilities pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344). Under Section 10, the USACE regulates all work in, or affecting, navigable waters of the U.S. Under Section 404, the USACE regulates the discharge of dredged and/or fill material into waters of the U.S. (33 CFR Part 328).

A review of the information provided indicates the subject activity may involve work in wetlands/waters of the U.S.; therefore, a Department of the Army permit may be required.

We understand the project proposal may not have specific design plans at this time, and this inquiry is an initial review to obtain grant funds. We have no objections to the applicant receiving grant funds for the proposal.

If you have questions regarding this matter, please contact Eric Sinclair at the above address or telephone (256) 350-5620. Thank you for the opportunity to review and comment on this proposed project.

Sincerely,

William E Sinclair
Regulatory Project Manager
Regulatory Division
U.S. Army Corps of Engineers

ENGINEERS OF THE SOUTH

TA/WSP #3

2020-TA-1335

RECEIVED
AUG 11 2020
BY: .....

August 10, 2020

Mr. Bill Pearson
FWS – AL Ecological Services Field Office
1208-B Main Street
Daphne, AL 36526

Re: City of Florence Alabama Wastewater System Improvements
Concrete and Clay Sewer Replacements

Dear Bill:

The City of Florence, Alabama has received notification from the Alabama Department of Environmental Management (ADEM) that the above referenced project may be considered for SRF Funding. As required by both state and federal statute, we are requesting that your office review this project for preliminary concurrence. Attached, you will find the following related documents:

1.) Project Narrative
2.) Concrete and Clay Sewer Overall Plan

In general, the project includes replacing approximately 14,100 LF of 8" and 10" concrete or clay gravity sewer pipe, 61 associated manholes, and 635 LF of 8" and 10" Cured-In-Place pipe. The new sewer mains will be installed in previously disturbed soils within the City's right of ways or existing utility easements.

If necessary, please provide any recommendations that you may have to avoid potential environmental or cultural impacts. If you need additional information, please do not hesitate to call me at (256) 766-9430. Thank you for your assistance.

Sincerely,
Engineers of the South, LLC

Armand Hunt, PE

U.S. Fish and Wildlife Service
1208-B Main Street – Daphne, Alabama 36526
Phone: 251-441-5181 Fax: 251-441-6222

No federally listed species/critical habitat are known to occur in the project area. As described, the project will have no significant impact on fish and wildlife resources. IF PROJECT DESIGN CHANGES ARE MADE, PLEASE SUBMIT NEW PLANS FOR REVIEW. We recommend use of best management practices specific to your project (See http://www.fws.gov/daphne/section7/bmp.html).

William J. Pearson, Field Supervisor Date #3

ALABAMA HISTORICAL COMMISSION

468 South Perry Street
P.O. Box 300900
Montgomery, Alabama 36130-0900
334-242-3184 / Fax: 334-240-3477

Lisa D. Jones
Executive Director
State Historic Preservation Officer

May 11, 2020

Armand Hunt
2143 Arlington Blvd. Suite 3
Florence, AL 35630

Re: AHC 20-0719
Concrete and Clay Sewer Replacments
Lauderdale County

Dear Mr. Hunt:

We concur with the above referenced project provided all construction activities will occur within either the highway right-of-way or in previously disturbed areas. Any area that is to be involved and does not fall into one of the above categories will require a cultural resource assessment by a professional archaeologist. Submit the resulting report to our office for review and determination prior to project initiation.

However, should artifacts or archaeological features be encountered during project activities, work shall cease and our office shall be consulted immediately. Artifacts are objects made, used or modified by humans. They include but are not excluded to arrowheads, broken pieces of pottery or glass, stone implements, metal fasteners or tools, etc. Archaeological features are stains in the soil that indicate disturbance by human activity. Some examples are post holes, building foundations, trash pits and even human burials. This stipulation shall be placed on the construction plans to insure contractors are aware of it.

We appreciate your commitment to helping us preserve Alabama's historic archaeological and architectural resources. Should you have any questions, please contact Amanda McBride at 334.230.2692 or Amanda.McBride@ahc.alabama.gov. Have the AHC tracking number referenced above available and include it with any future correspondence.

Sincerely,

Lee Anne Wofford

Lee Anne Wofford
Deputy State Historic Preservation Officer

LAW/AMH/nw

Tennessee Valley Authority, Post Office Box 1010, Muscle Shoals, Alabama 35662-1010

May 13, 2020

Mr. Armand Hunt, P.E.
Engineers of the South
On behalf of the City of Florence
2143 Arlington Boulevard, Suite 3
Florence, Alabama 35630

Dear Mr. Hunt:

CITY OF FLORENCE STATE REVOLVING FUND (SRF) APPLICATION – LAUDERDALE COUNTY, ALABAMA

We have reviewed your April 8, 2020 letter notifying the Tennessee Valley Authority (TVA) of the City of Florence application for state revolving funds for replacing approximately 14,100 LF of 8" and 10" cured in place pipe and will be installed within the City's right of ways or existing easements.

Based on the information submitted, it appears that no TVA property is being requested for the project. Activities that do not create new or additional obstruction are not new obstructions and would not require approval under Section 26a of the TVA Act. If you determine that any of the proposed activities will create a new obstruction, then the proposal would require approval from TVA. A completed application, final plans with detailed drawings, and appropriate application fee should be sent to TVA for review.

We appreciate the opportunity to work with you and look forward to working with you in the future. If you have any additional questions or concerns, please feel free to contact me at (256) 386-3456.

Sincerely,

Kenley Austin
Program Manager
Reservoir Land Use & Permitting

Complete + Close

NACOLG
Northwest Alabama Council of Local Governments
P.O. Box 2603 Muscle Shoals, Alabama 35662

Keith Jones
Executive Director
kjones@nacolg.org

256-389-0500
256-389-0599 Fax

Steve Holt
Chairman

Bob Page
Vice Chairman

Sandra Burroughs
Secretary

August 28, 2020

Mr. Armand Hunt, PE
Engineers of the South
2143 Arlington Blvd., Suite 3
Florence, AL 35630

Re: Project: City of Florence, AL Wastewater System Improvements- Replacement of Clay and Concrete Sewer Lines

Mr. Hunt:

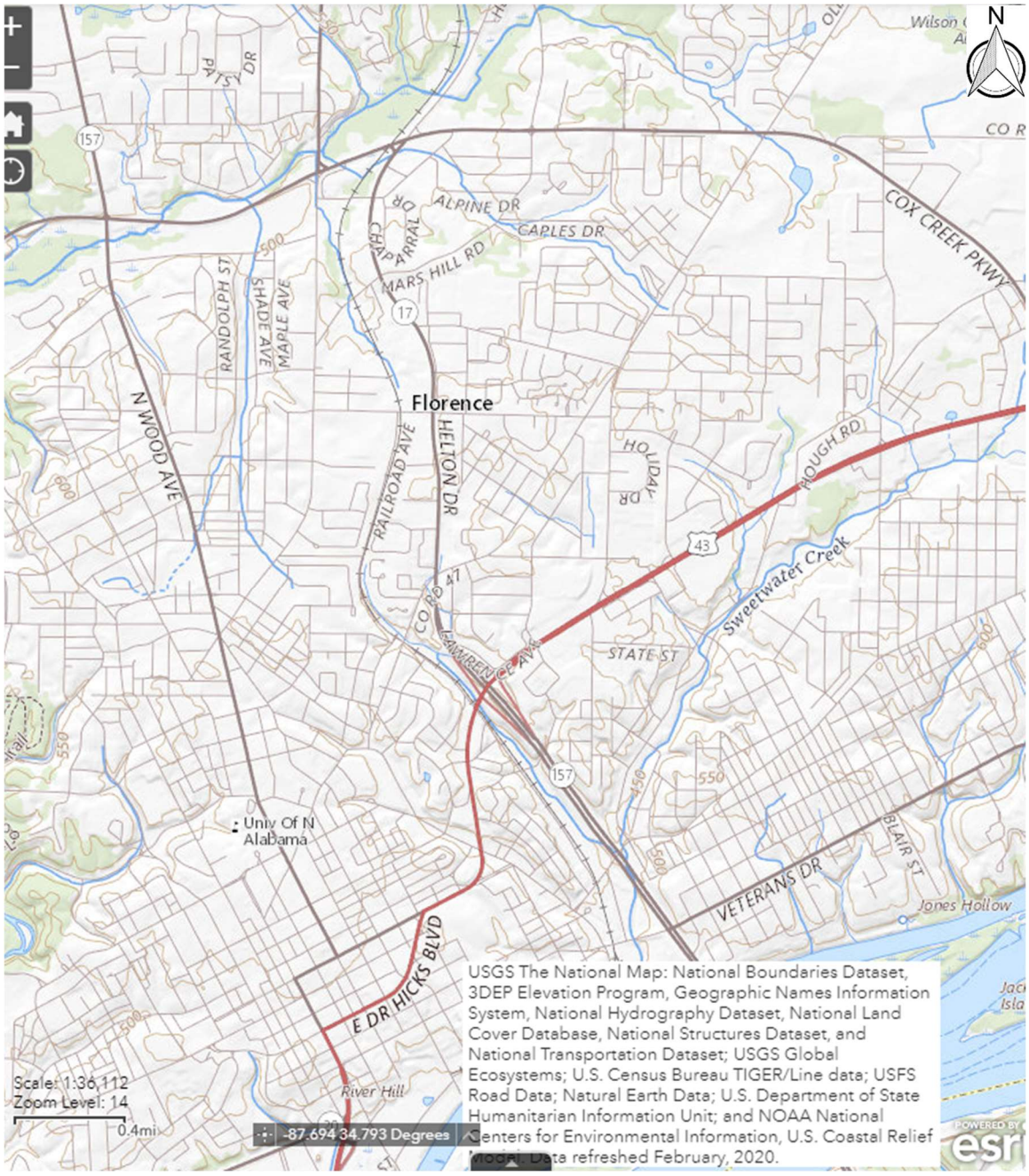
We are in receipt of your letter regarding ADEM's consideration of SRF funding for the proposed project, which involves the replacement of 14,100 LF of 8" and 10" concrete or clay gravity sewer pipe, 61 associated manholes, and 635 LF of 8" and 10" Cured-In-Place pipe. It is my understanding the existing sewers lines are major contributors to inflow and infiltration problems throughout the collection system. The replacement will mitigate this susceptibility, thereby reducing treatment costs and the potential for sewer backups, all while remaining within previously disturbed property owned by the City of Florence. Due to the positive benefits offered and the employment of best management practices during the replacement, this agency supports the proposed project and is unaware of any potential adverse impacts to the natural or human environment which will result from the proposed work. Therefore, this request is consistent and compatible with regional and local development plans and programs. This letter shall serve as regional concurrence with the proposed project.

Sincerely,

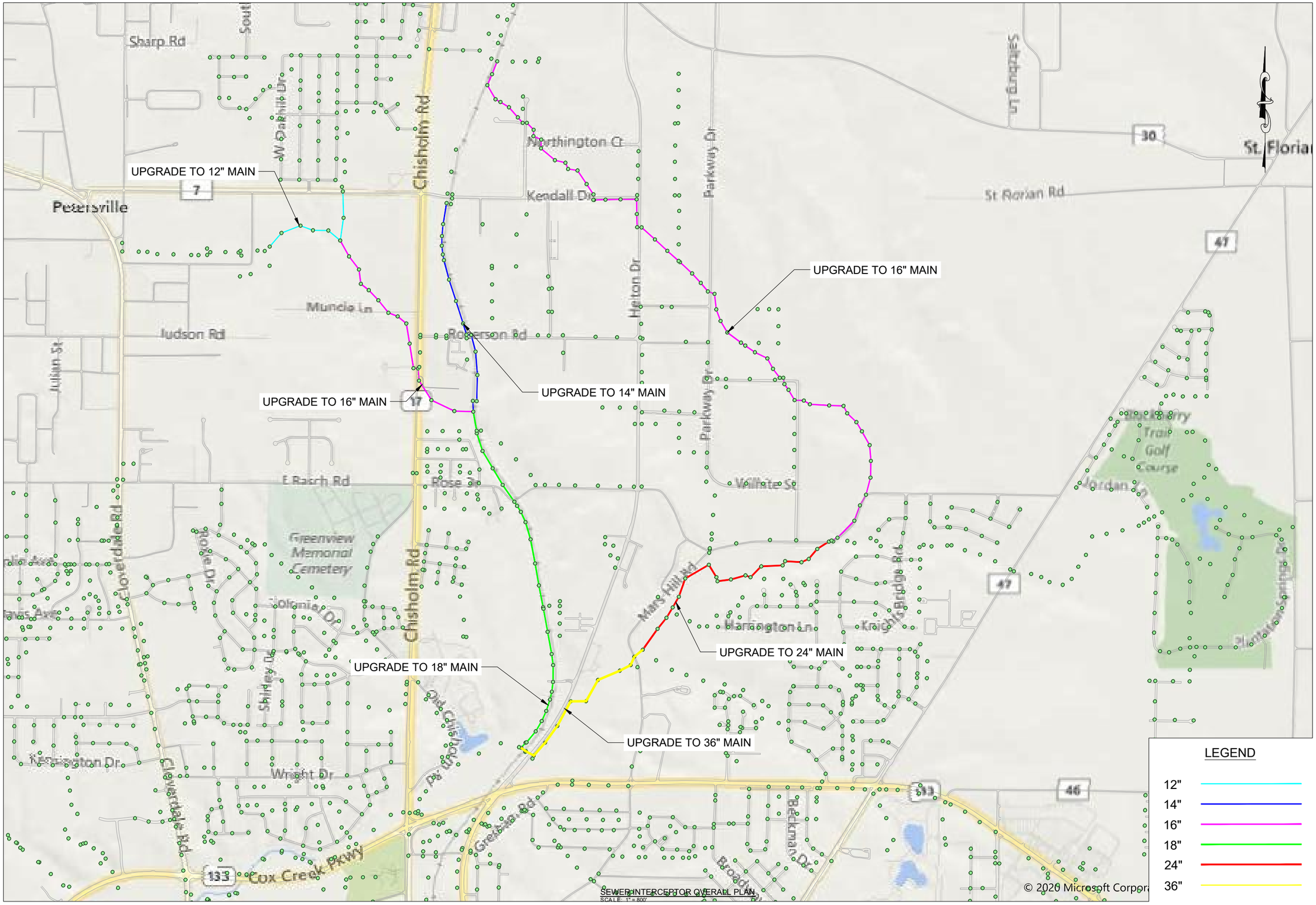
Keith Jones
Executive Director
NACOLG

Quadrangle Map

Cox Creek and Industrial Park Interceptors



All Sewer Interceptor Improvements will occur within this Quadrangle Map. Please see the attached Overall Plans/Vicinity Map showing the location of the Sewer Interceptors in better detail.



SEWER INTERCEPTOR OVERALL PLAN
SCALE: 1" = 800'

ENGINEERS OF THE SOUTH

PRELIMINARY, NOT FOR CONSTRUCTION, RECORDING PURPOSES, OR IMPLEMENTATION

REVISIONS

NO	DATE	DESCRIPTION

■ FOR REVIEW AND COMMENT
□ AS-BID
□ CONSTRUCTION REVISIONS
□ AS-BUILT

CITY OF FLORENCE, AL
WATER & WASTEWATER DEPARTMENT

COX CREEK & INDUSTRIAL PARK INTERCEPTORS

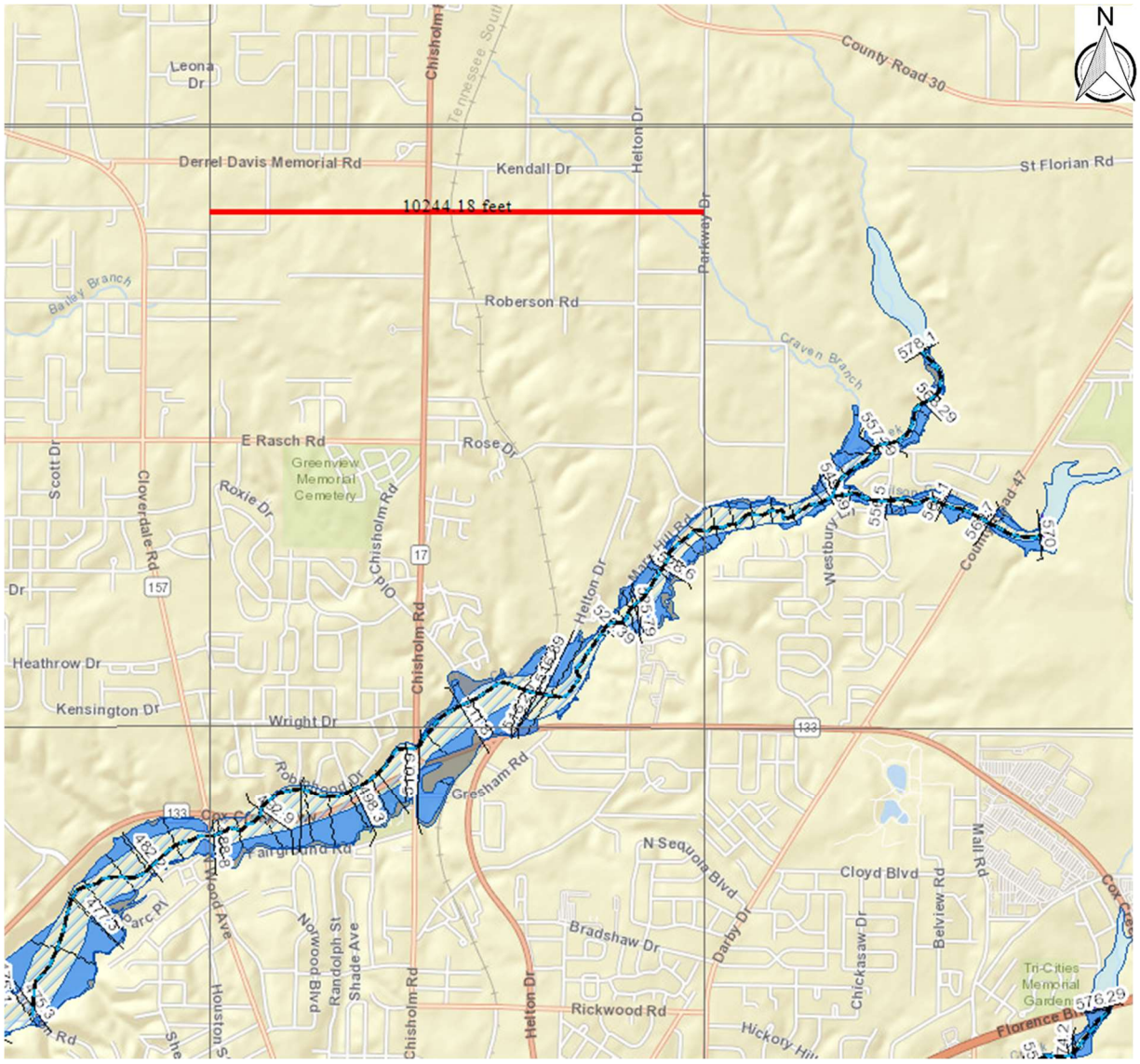
OVERALL SEWER INTERCEPTOR PLAN

BOX IS 2 IN WIDE AT FULL SCALE

JOB NO:	FL-2010
DATE:	SEPT 2020
DESIGNED BY:	REP
DRAWN BY:	JFL
DWG:	10-C-01
SHEET NUMBER	1

Flood Map

Cox Creek and Industrial Park Interceptors



Panel Names: 0481 and 0482
Panel Numbers: 01077C0481D and 01077C0482D
FIRM Effective Date: 9/11/2009
Graphical Scale: Displayed on image above

All Sewer Interceptor Improvements are located within the two panels listed above. Please see the attached FIRM map for further details

ENGINEERS OF THE SOUTH

TH/BBJ
2020-TH-0861

RECEIVED
APR 27 2020
BY: CMD

April 21, 2020

Mr. Bill Pearson
FWS – AL Ecological Services Field Office
1208-B Main Street
Daphne, AL 36526

Re: City of Florence Alabama Wastewater System Improvements
Cox Creek & Industrial Park Interceptors

Dear Bill:

The City of Florence, Alabama has received notification from the Alabama Department of Environmental Management (ADEM) that the above referenced project may be considered for SRF Funding. As required by both state and federal statute, we are requesting that your office review this project for preliminary concurrence. Attached, you will find the following related documents:

1.) Project Narrative
2.) Cox Creek and Industrial Sewer Intercepts Overall Plan

In general, the project includes replacing approximately 6.61 miles of near failing or undersized Vitrified Clay Pipe (VCP) with Ductile Iron Pipe (DIP) and associated manholes as listed below:

1. Replacing 2,450 LF of 10" VCP with 12" DIP
2. Replacing 4,000 LF of 12" VCP with 14" DIP
3. Replacing 17,300 LF of 12" VCP with 16" DIP
4. Replacing 6,500 LF of 15" VCP with 18" DIP
5. Replacing 4,675 LF of 21" VCP with 24" DIP
6. Replacing 147 Manholes

The new Sewer mains will be installed in previously disturbed soils within the City or County's right of way or existing utility easement.

If necessary, please provide any recommendations that you may have to avoid potential environmental or cultural impacts. If you need additional information, please do not hesitate to call me at (256) 766-9430. Thank you for your assistance.

Sincerely,
Engineers of the South, LLC

Armand Hunt, PE

U.S. Fish and Wildlife Service
1208-B – Daphne, Alabama 36526
Phone: 251-441-5181 Fax: 251-441-6222

No federally listed species/critical habitat are known to occur in the project area. IF PROJECT DESIGN CHANGES ARE MADE, PLEASE SUBMIT NEW PLANS FOR REVIEW. SITE MAY CONTAIN WETLANDS Contact U.S. Army Corps of Engineers for a jurisdictional wetlands determination. We recommend the use of best management practices specific to your project (See http://www.fws.gov/daphne/section7/bmp.html).

William J. Pearson, Field Supervisor Date #4

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, NASHVILLE DISTRICT
WESTERN REGULATORY FIELD OFFICE
2424 DANVILLE ROAD SW
SUITE N
DECATUR AL 35603

November 4, 2020

SUBJECT: File No. LRN-2020-01078, City of Florence Alabama Wastewater System Improvements Cox Creek & Industrial Park Interceptors, Tennessee River Mile 255.0 Right Bank, Lauderdale County, Alabama.

Armand Hunt
2143 Arlington Blvd Suite 3
Florence, Alabama 35630

Dear Mr. Hunt:

This is in response to your April 21, 2018, request for our comments regarding the subject project.

The U.S. Army Corps of Engineers (USACE) has regulatory responsibilities pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344). Under Section 10, the USACE regulates all work in, or affecting, navigable waters of the U.S. Under Section 404, the USACE regulates the discharge of dredged and/or fill material into waters of the U.S. (33 CFR Part 328).

A review of the information provided indicates the subject activity may involve work in wetlands/waters of the U.S.; therefore, a Department of the Army permit may be required.

We understand the project proposal may not have specific design plans at this time, and this inquiry is an initial review to obtain grant funds. We have no objections to the applicant receiving grant funds for the proposal.

If you have questions regarding this matter, please contact Eric Sinclair at the above address or telephone (256) 350-5620. Thank you for the opportunity to review and comment on this proposed project.

Sincerely,

Eric Sinclair

William E Sinclair
Regulatory Project Manager
Regulatory Division
U.S. Army Corps of Engineers

ALABAMA HISTORICAL COMMISSION

468 South Perry Street
P.O. Box 300900
Montgomery, Alabama 36130-0900
334-242-3184 / Fax: 334-240-3477

Lisa D. Jones
Executive Director
State Historic Preservation Officer

May 22, 2020

Armand Hunt
2143 Arlington Blvd. Suite 3
Florence, AL 35630

Re: AHC 20-0739
Cox Creek and Industrial Park Interceptors
Lauderdale County

Dear Mr. Hunt:

We concur with the above referenced project provided all construction activities will occur within either the highway right-of-way or in previously disturbed areas. Any area that is to be involved and does not fall into one of the above categories will require a cultural resource assessment by a professional archaeologist. Submit the resulting report to our office for review and determination prior to project initiation.

However, should artifacts or archaeological features be encountered during project activities, work shall cease and our office shall be consulted immediately. Artifacts are objects made, used or modified by humans. They include but are not excluded to arrowheads, broken pieces of pottery or glass, stone implements, metal fasteners or tools, etc. Archaeological features are stains in the soil that indicate disturbance by human activity. Some examples are post holes, building foundations, trash pits and even human burials. This stipulation shall be placed on the construction plans to insure contractors are aware of it.

We appreciate your commitment to helping us preserve Alabama's historic archaeological and architectural resources. Should you have any questions, please contact Amanda McBride at 334.230.2692 or Amanda.McBride@ahc.alabama.gov. Have the AHC tracking number referenced above available and include it with any future correspondence.

Sincerely,

Lee Anne Wofford

Lee Anne Wofford
Deputy State Historic Preservation Officer

LAW/AMH/nw

NACOLG

Northwest Alabama Council of Local Governments
P.O. Box 2603 Muscle Shoals, Alabama 35662

Keith Jones
Executive Director
kjones@nacolg.org

256-389-0500
256-389-0599 Fax

Steve Holt
Chairman

Bob Page
Vice Chairman

Sandra Burroughs
Secretary

May 28, 2020

Mr. Robert Pride, PE
Engineers of the South
2143 Arlington Blvd., Suite 3
Florence, AL 35630

Re: Project:
City of Florence, AL WasteWater System Improvements- Cox Creek & Industrial Park Interceptor Lines

Mr. Pride:

We are in receipt of your letter regarding ADEM's consideration of SRF funding for the proposed project, which will involve the replacement of approximately 6.61 miles of failing/undersized clay sewer lines, and associated manholes. Inspections have found deficiencies in many of the existing lines and manholes, which will ultimately limit opportunities for growth and expansion in the industrial park. The proposed project will mitigate threats to industrial growth, and reduce treatment costs resulting from excessive I & I. Therefore, this request is consistent and compatible with regional and local development plans and programs. This letter shall serve as regional concurrence with the proposed project.

Sincerely,

Keith Jones
Executive Director
NACOLG

Tennessee Valley Authority, Post Office Box 1010, Muscle Shoals, Alabama 35662-1010

May 13, 2020

Mr. Armand Hunt, P.E.
Engineers of the South
On behalf of the City of Florence
2143 Arlington Boulevard, Suite 3
Florence, Alabama 35630

Dear Mr. Hunt:

CITY OF FLORENCE STATE REVOLVING FUND (SRF) APPLICATION – LAUDERDALE COUNTY, ALABAMA

We have reviewed your April 21, 2020 letter notifying the Tennessee Valley Authority (TVA) of the City of Florence application for state revolving funds for replacing 2,450 LF of 10" VCP with 12" DIP, 4,000 LF of 12" VCP with14" DIP, 17,300 LF of 12" VCP with 16" DIP, 6,500 LF of 15" VCP with 18" DIP, 4,675 LF of 15" VCP with 24" DIP and all will be within the City's existing easement.

Based on the information submitted, it appears that no TVA property is being requested for the project. Activities that do not create new or additional obstruction are not new obstructions and would not require approval under Section 26a of the TVA Act. If you determine that any of the proposed activities will create a new obstruction, then the proposal would require approval from TVA. A completed application, final plans with detailed drawings, and appropriate application fee should be sent to TVA for review.

We appreciate the opportunity to work with you and look forward to working with you in the future. If you have any additional questions or concerns, please feel free to contact me at (256) 386-3456.

Sincerely,

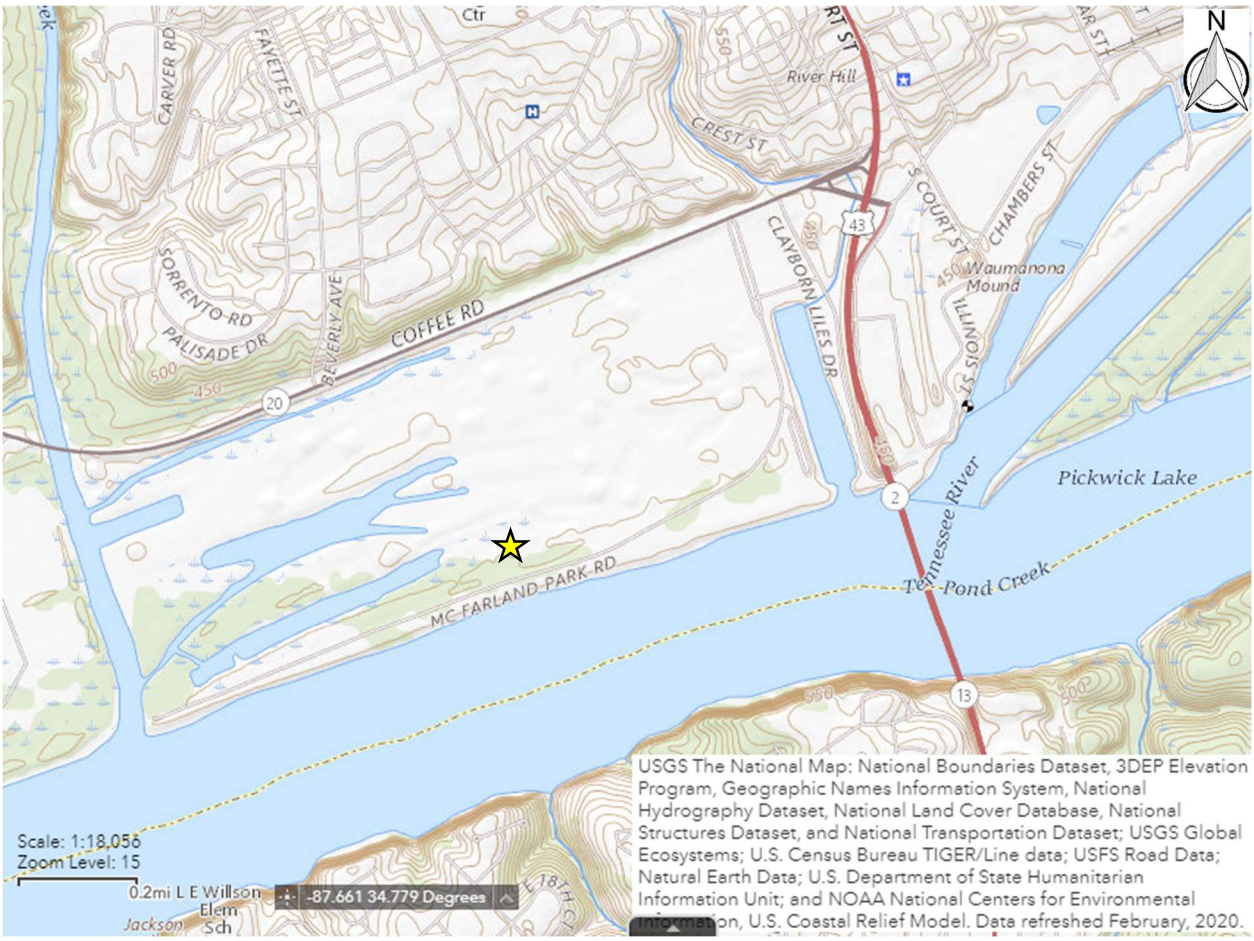
Kenley Austin
Program Manager
Reservoir Land Use & Permitting

COX Creek Interceptor
Western + Eastern Industrial Park

Quadrangle/Vicinity Maps

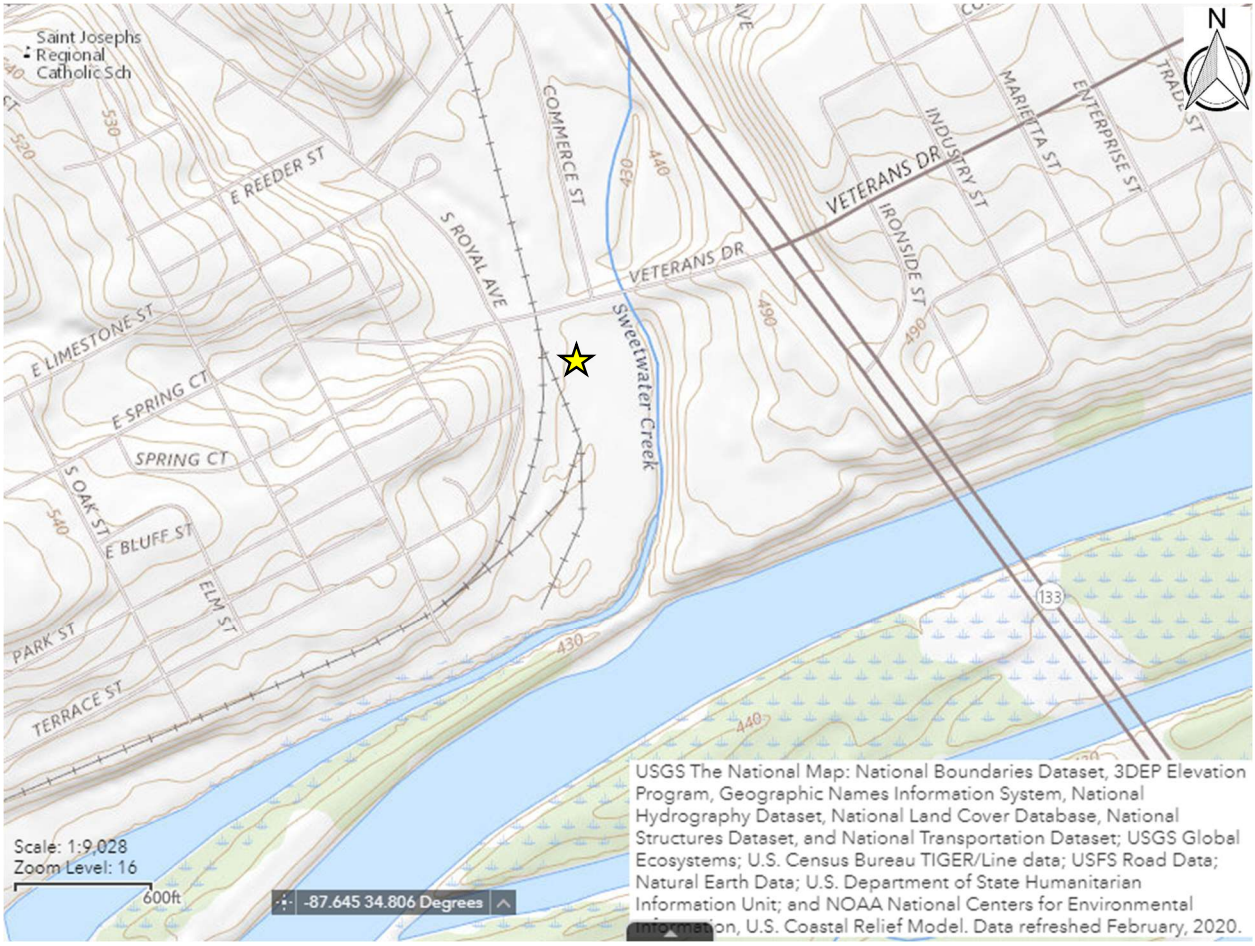
Lift Station Improvements

McFarland Park Lift Station #2



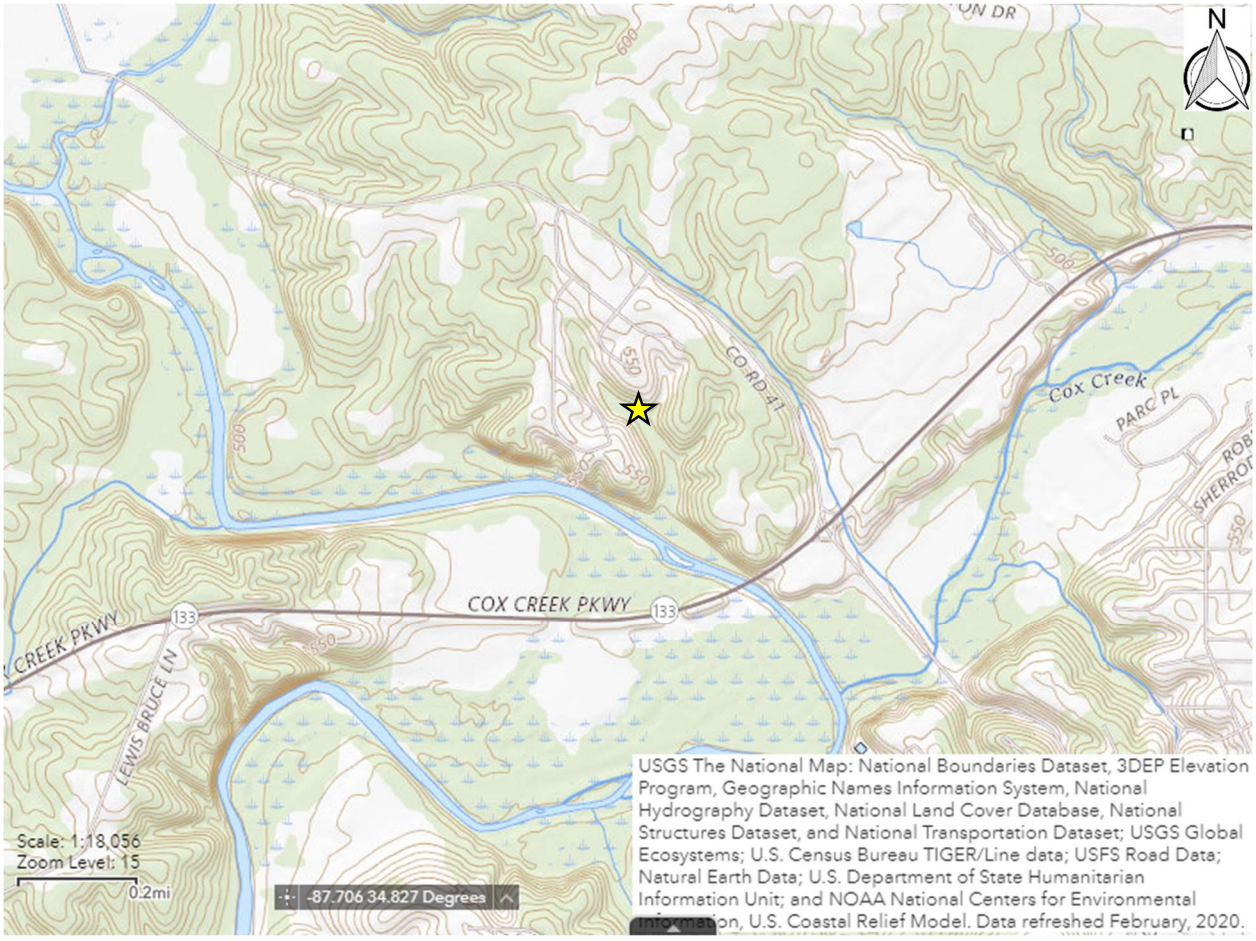
Latitude: 34°47'1.15"N
Longitude: 87°40'57.41"W

Veteran's Drive Lift Station



Latitude: 34°48'3.62"N
Longitude: 87°39'18.82"W

Briarcliff Lift Station



Latitude: 34°50'4.96"N
Longitude: 87°42'25.85"W

ALABAMA HISTORICAL COMMISSION

468 South Perry Street
P.O. Box 300900
Montgomery, Alabama 36130-0900
334-242-3184 / Fax: 334-240-3477

Lisa D. Jones
Executive Director
State Historic Preservation Officer

April 3, 2020

Armand Hunt
Engineers of the South
2143 Arlington Blvd. Suite 3
Florence, AL 35630

Re: AHC 20-0643
City of Florence wastewater Systems improvements
Lauderdale County

Dear Mr. Hunt:

Upon review of the above referenced project, we have determined we will need additional information in order to complete our review of your project. Please complete and return the enclosed Project Review Consultation Form.

Consultation with the State Historic Preservation Office does not constitute consultation with Tribal Historic Preservation Offices, other Native American tribes, local governments, or the public. If archaeological materials are encountered during construction, the procedures codified at 36 CFR 800.13(b) will apply. Archaeological materials consist of any items, fifty years old or older, which were made or used by man. These items include but are not limited to, stone projectile points (arrowheads), ceramic sherds, bricks, worked wood, bone and stone, metal, and glass objects. The federal agency or the applicant receiving federal assistance should contact our office immediately. If human remains are encountered, the provisions of the Alabama Burial Act (Code of Alabama 1975, §13A-7-23.1, as amended; Alabama Historical Commission Administrative Code Chapter 460-X-10 Burials) should be followed. This stipulation shall be placed on the construction plans to insure contractors are aware of it.

We appreciate your commitment to helping us preserve Alabama's historic archaeological and architectural resources. Should you have any questions, please contact William Lowe at 334.230.2670 or William.Lowe@ahc.alabama.gov. Have the AHC tracking number referenced above available and include it with any future correspondence.

Sincerely,

Lee Anne Wofford
Deputy State Historic Preservation Officer

LAW/EDS/law

DEPARTMENT OF THE ARMY
NASHVILLE DISTRICT, U.S. ARMY CORPS OF ENGINEERS
WEST REGULATORY FIELD OFFICE
2424 DANVILLE ROAD SW, SUITE-N
DECATUR, AL 35063

April 28, 2020

SUBJECT: File No. LRN-2020-00387; City of Florence Wastewater System Improvements, Lift Station Upgrades Project; Tennessee River Mile 252.0, Right Bank, Florence, Lauderdale County, Alabama.

Mr. Armand Hunt
Engineers of the South LLC
2143 Arlington BLVD
Suite 3, Florence, AL 35630

Dear Mr. Hunt:

This is in response to your March 18, 2020 request for our comments regarding the subject project.

The U.S. Army Corps of Engineers (USACE) has regulatory responsibilities pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344). Under Section 10, the USACE regulates all work in, or affecting, navigable waters of the U.S. Under Section 404, the USACE regulates the discharge of dredged and/or fill material into waters of the U.S. (33 CFR Part 328).

A review of the information provided indicates the subject activity would not involve work in wetlands/waters of the U.S.; therefore, a Department of the Army permit would not be required.

We understand the project proposal may not have specific design plans at this time, and this inquiry is an initial review to obtain grant funds. We have no objections to the applicant receiving grant funds for the proposal.

If you have questions regarding this matter, please contact Nakia Hancock at the above address or telephone (256) 350-5620. Thank you for the opportunity to review and comment on this proposed project.

Sincerely,

William Eric Sinclair
Project Manager, West Branch
Regulatory Division
U.S. Army Corps of Engineers

ENGINEERS OF THE SOUTH

TA/WJP #2
2020-TA-0654

RECEIVED
MAR 18 2020
BY: CW

March 16, 2020

Mr. Bill Pearson
FWS – AL Ecological Services Field Office
1208-B Main Street
Daphne, AL 36526

Re: City of Florence Alabama Wastewater System Improvements
Lift Station Upgrades

Dear Bill:

The City of Florence, Alabama has received notification from the Alabama Department of Environmental Management (ADEM) that the above referenced project may be considered for SRF Funding. As required by both state and federal statute, we are requesting that your office review this project for preliminary concurrence. Attached, you will find the Project Narrative.

In general, the project includes three lift station upgrades as listed below:

1. Veteran's Drive Lift Station
    a. Adding a 4th pump
2. McFarland Lift Station #2
    a. New Submersible station to replace the existing "can style" station
3. Briarcliff Lift Station
    a. Replacing pumps and electrical equipment

All Lift Station Improvements will occur on previously disturbed property owned by the City of Florence. For the entirety of the project, the contractor will be required to follow Best Management Practices as required by the Alabama Department of Environmental Management.

If necessary, please provide any recommendations that you may have to avoid potential environmental or cultural impacts. If you need additional information, please do not hesitate to call me at (256) 766-9430. Thank you for your assistance.

Sincerely,
Engineers of the South, LLC

Armand Hunt, PE

U.S. Fish and Wildlife Service
1208-B Main Street – Daphne, Alabama 36526
Phone: 251-441-5181 Fax: 251-441-6222

No endangered or threatened species or critical habitat are known to occur in the project area. As described, the project will have no significant impact on fish and wildlife resources. IF PROJECT DESIGN CHANGES ARE MADE, PLEASE SUBMIT NEW PLANS FOR REVIEW.

William J. Pearson, Field Supervisor 3/19/2020 Date #2

NACOLG
Northwest Alabama Council of Local Governments
P.O. Box 2603 Muscle Shoals, Alabama 35662

Keith Jones
Executive Director
kjones@nacolg.org

256-389-0500
256-389-0599 Fax

Steve Holt
Chairman

Bob Page
Vice Chairman

Sandra Burroughs
Secretary

August 28, 2020

Mr. Armand Hunt, PE
Engineers of the South
2143 Arlington Blvd., Suite 3
Florence, AL 35630

Re: Project: City of Florence, AL Wastewater System Improvements- Lift Station Upgrades

Mr. Hunt:

We are in receipt of your letter regarding ADEM's consideration of SRF funding for the proposed project, which involves upgrades to Florence's Veteran's Drive Lift Station, McFarland Lift Station #2, and Briarcliff Lift Station. It is my understanding these upgrades will enhance the functionality of existing sewer infrastructure while remaining within previously disturbed property owned by the City of Florence. Due to the improved service potential these upgrades offer and the employment of best management practices during implementation, this agency supports the proposed project and is unaware of any potential adverse impacts to the natural or human environment which will result from the lift station upgrades. Therefore, this request is consistent and compatible with regional and local development plans and programs. This letter shall serve as regional concurrence with the proposed project.

Sincerely,

Keith Jones
Executive Director
NACOLG

Tennessee Valley Authority, Post Office Box 1010, Muscle Shoals, Alabama 35662-1010

April 1, 2020

Mr. Armand Hunt, P.E.
Engineers of the South
On behalf of the City of Florence
2143 Arlington Boulevard, Suite 3
Florence, Alabama 35630

Dear Mr. Hunt:

CITY OF FLORENCE STATE REVOLVING FUND (SRF) APPLICATION – LAUDERDALE COUNTY, ALABAMA

We have reviewed your March 16, 2020 letter notifying the Tennessee Valley Authority (TVA) of the City of Florence application for state revolving funds for three lift station upgrades, including locations for Veteran's Drive, McFarland and Briarcliff Lift Stations. We understand that all improvements will occur on previously disturbed property owned by the City of Florence.

Based on the information submitted, it appears that no TVA property is being requested for the project. Activities that do not create new or additional obstruction are not new obstructions and would not require approval under Section 26a of the TVA Act. If you determine that any of the proposed activities will create a new obstruction, then the proposal would require approval from TVA. A completed application, final plans with detailed drawings, and appropriate application fee should be sent to TVA for review.

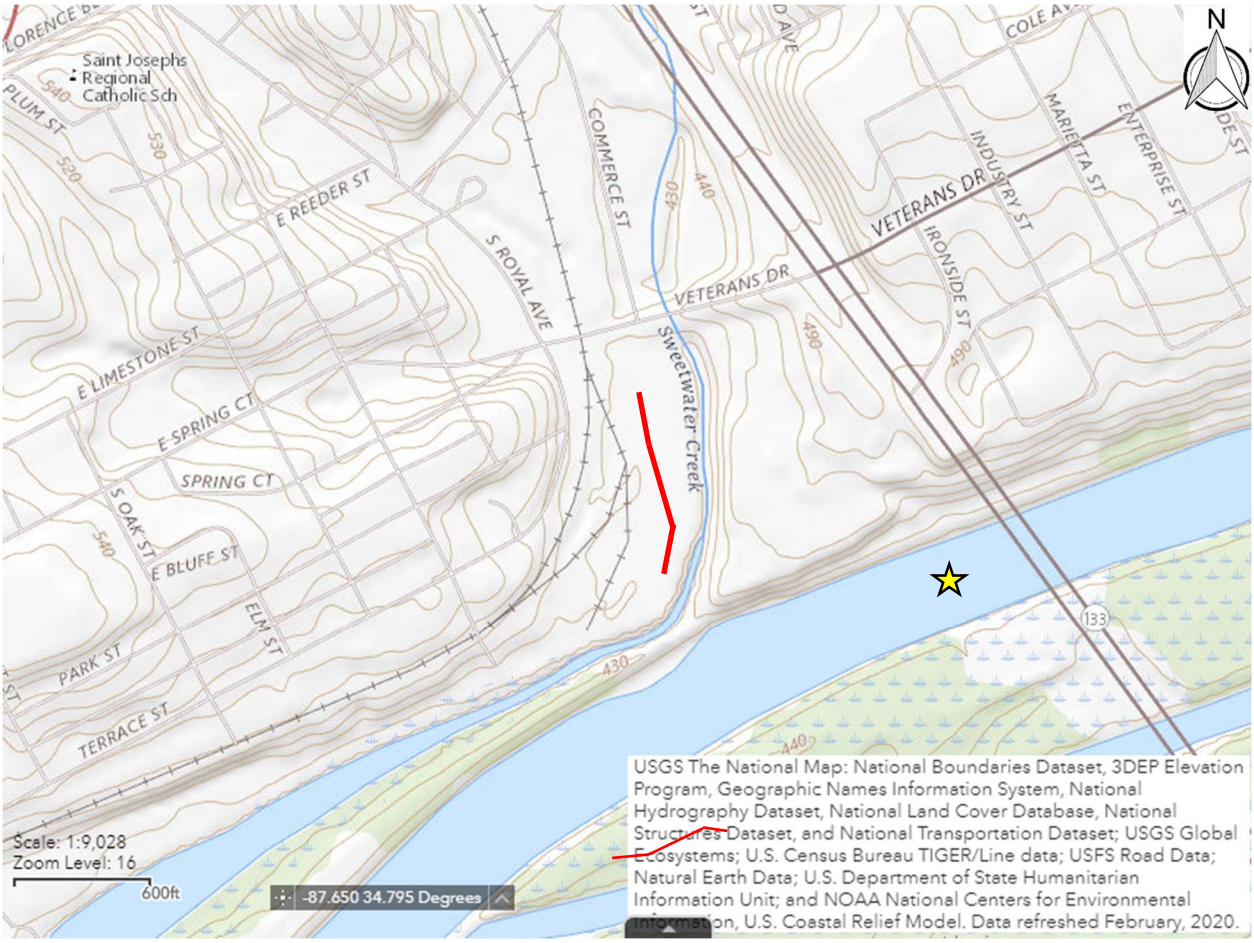
We appreciate the opportunity to work with you and look forward to working with you in the future. If you have any additional questions or concerns, please feel free to contact me at (256) 386-3456 or by email, jkaustin@tva.gov.

Sincerely,

Kenley Austin
Program Manager
Reservoir Land Use & Permitting

Quadrangle/Vicinity Map

Sweetwater Interceptor Improvements



State Plane Coordinates:

Latitude: 34°48'0.04"N
Longitude: 87°39'17.24"W

SEWER INTERCEPTOR OVERALL PLAN
SCALE: 1/8" = 1'-0"

ENGINEERS OF THE SOUTH

PRELIMINARY, NOT FOR CONSTRUCTION, RECORDING PURPOSES, OR IMPLEMENTATION

REVISIONS

NO	DATE	DESCRIPTION

■ FOR REVIEW AND COMMENT ☐ AS-BID ☐ CONSTRUCTION REVISIONS ☐ AS-BUILT

CITY OF FLORENCE, AL
WATER & WASTEWATER DEPARTMENT

SWEETWATER INTERCEPTOR IMPROVEMENTS

OVERALL SEWER INTERCEPTOR PLAN

BOX IS 2 IN WIDE AT FULL SCALE

JOB NO:	FL-2010
DATE:	SEPT 2020
DESIGNED BY:	REP
DRAWN BY:	JFL
DWG:	10-C-01
SHEET NUMBER	1

DEPARTMENT OF THE ARMY
NASHVILLE DISTRICT, U.S. ARMY CORPS OF ENGINEERS
WEST REGULATORY FIELD OFFICE
2424 DANVILLE ROAD SW, SUITE-N
DECATUR, AL 35063

April 13, 2020

SUBJECT: File No. LRN-2020-00376; City of Florence Wastewater System Improvements Project, Sweetwater Interceptor at Fertilizer Plant; Tennessee River Mile 257.8 Right Bank, Lauderdale County, Alabama.

Armand Hunt
Engineers of the South
2143 Arlington Blvd, Suite 3
Florence, AL 35630

Dear Armand Hunt:

This is in response to your April 6, 2020 request for our comments regarding the subject project.

The U.S. Army Corps of Engineers (USACE) has regulatory responsibilities pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344). Under Section 10, the USACE regulates all work in, or affecting, navigable waters of the U.S. Under Section 404, the USACE regulates the discharge of dredged and/or fill material into waters of the U.S. (33 CFR Part 328).

A review of the information provided indicates the subject activity would not involve work in wetlands/waters of the U.S.; therefore, a Department of the Army permit would not be required.

We understand the project proposal may not have specific design plans at this time, and this inquiry is an initial review to obtain grant funds. We have no objections to the applicant receiving grant funds for the proposal.

If you have questions regarding this matter, please contact Eric Sinclair at the above address or telephone (256) 350-5620. Thank you for the opportunity to review and comment on this proposed project.

Sincerely,

Eric Sinclair

William E Sinclair
Regulatory Project Manager
Regulatory Division
U.S. Army Corps of Engineers

ENGINEERS OF THE SOUTH

TA/WJP #3
2020-TA-0796

RECEIVED
APR 10 2020
BY:

April 6, 2020

Mr. Bill Pearson
FWS – AL Ecological Services Field Office
1208-B Main Street
Daphne, AL 36526

Re: City of Florence Alabama Wastewater System Improvements
Sweetwater Interceptor at Fertilizer Plant

Dear Bill:

The City of Florence, Alabama has received notification from the Alabama Department of Environmental Management (ADEM) that the above referenced project may be considered for SRF Funding. As required by both state and federal statute, we are requesting that your office review this project for preliminary concurrence. Attached, you will find the following related documents:

1.) Project Narrative
2.) Overall Plan

In general, the project includes replacing approximately 800' of existing gravity sewer with new 30" ductile iron gravity sewer and 3 associated manholes. The upstream and downstream sewers are both 30" sewers, which means the existing 27" sewer is creating a bottle neck situation, restricting the capacity of the sewer main.

The sewer main construction for this project will be located in previously disturbed areas within the City's existing utility easement. For the entirety of the project, the contractor will be required to follow Best Management Practices as required by the Alabama Department of Environmental Management.

If necessary, please provide any recommendations that you may have to avoid potential environmental or cultural impacts. If you need additional information, please do not hesitate to call me at (256) 766-9430. Thank you for your assistance.

Sincerely,
Engineers of the South, LLC

Armand Hunt, PE

U.S. Fish and Wildlife Service
1208-B Main Street – Daphne, Alabama 36526
Phone: 251-441-5181 Fax: 251-441-6222

No federally listed species/critical habitat are known to occur in the project area. As described, the project will have no significant impact on fish and wildlife resources. IF PROJECT DESIGN CHANGES ARE MADE, PLEASE SUBMIT NEW PLANS FOR REVIEW. We recommend use of best management practices specific to your project (See http://www.fws.gov/daphne/section7/bmp.html).

William J. Pearson, Field Supervisor Date #3

ALABAMA HISTORICAL COMMISSION

468 South Perry Street
P.O. Box 300900
Montgomery, Alabama 36130-0900
334-242-3184 / Fax: 334-240-3477

Lisa D. Jones
Executive Director
State Historic Preservation Officer

May 11, 2020

Armand Hunt
2143 Arlington Blvd. Suite 3
Florence, AL 35630

Re: AHC 20-0718
Sweetwater Interceptor Improvements
Lauderdale County

Dear Mr. Hunt:

We concur with the above referenced project provided all construction activities will occur within either the highway right-of-way or in previously disturbed areas. Any area that is to be involved and does not fall into one of the above categories will require a cultural resource assessment by a professional archaeologist. Submit the resulting report to our office for review and determination prior to project initiation.

However, should artifacts or archaeological features be encountered during project activities, work shall cease and our office shall be consulted immediately. Artifacts are objects made, used or modified by humans. They include but are not excluded to arrowheads, broken pieces of pottery or glass, stone implements, metal fasteners or tools, etc. Archaeological features are stains in the soil that indicate disturbance by human activity. Some examples are post holes, building foundations, trash pits and even human burials. This stipulation shall be placed on the construction plans to insure contractors are aware of it.

We appreciate your commitment to helping us preserve Alabama's historic archaeological and architectural resources. Should you have any questions, please contact Amanda McBride at 334.230.2692 or Amanda.McBride@ahc.alabama.gov. Have the AHC tracking number referenced above available and include it with any future correspondence.

Sincerely,

Lee Anne Wofford

Lee Anne Wofford
Deputy State Historic Preservation Officer

LAW/AMH/nw

Tennessee Valley Authority, Post Office Box 1010, Muscle Shoals, Alabama 35662-1010

May 13, 2020

Mr. Armand Hunt, P.E.
Engineers of the South
On behalf of the City of Florence
2143 Arlington Boulevard, Suite 3
Florence, Alabama 35630

Dear Mr. Hunt:

CITY OF FLORENCE STATE REVOLVING FUND (SRF) APPLICATION – LAUDERDALE COUNTY, ALABAMA

We have reviewed your April 6, 2020 letter notifying the Tennessee Valley Authority (TVA) of the City of Florence application for state revolving funds for replacement of approximately 800' of existing gravity sewer with new 30" ductile iron gravity sewer and 3 manholes. We understand all of the project will be located within the City's existing utility easement.

Based on the information submitted, it appears that no TVA property is being requested for the project. Activities that do not create new or additional obstruction are not new obstructions and would not require approval under Section 26a of the TVA Act. If you determine that any of the proposed activities will create a new obstruction, then the proposal would require approval from TVA. A completed application, final plans with detailed drawings, and appropriate application fee should be sent to TVA for review.

We appreciate the opportunity to work with you and look forward to working with you in the future. If you have any additional questions or concerns, please feel free to contact me at (256) 386-3456.

Sincerely,

Kenley Austin
Program Manager
Reservoir Land Use & Permitting

Swathwater

NACOLG
Northwest Alabama Council of Local Governments
P.O. Box 2603 Muscle Shoals, Alabama 35662

Keith Jones
Executive Director
kjones@nacolg.org

256-389-0500
256-389-0599 Fax

Steve Holt
Chairman

Bob Page
Vice Chairman

Sandra Burroughs
Secretary

August 28, 2020

Mr. Armand Hunt, PE
Engineers of the South
2143 Arlington Blvd., Suite 3
Florence, AL 35630

Re: Project: City of Florence, AL Wastewater System Improvements- Sweetwater Interceptor Replacement at Fertilizer Plant

Mr. Hunt:

We are in receipt of your letter regarding ADEM's consideration of SRF funding for the proposed project, which involves the replacement of 800 LF of undersized gravity sewer main and 3 associated manholes. It is my understanding the existing 27" sewer line is bookended by 30" sewer lines, creating a bottleneck and restricting flow capacity. The replacement will allow adequate gravity flow while remaining within previously disturbed property owned by the City of Florence. Due to the positive benefits offered and employment of best management practices during the replacement, this agency supports the proposed project and is unaware of any potential adverse impacts to the natural or human environment which will result from the replacement of sewer interceptors or manholes. Therefore, this request is consistent and compatible with regional and local development plans and programs. This letter shall serve as regional concurrence with the proposed project.

Sincerely,

Keith Jones
Executive Director
NACOLG