



MEETING AGENDA



District 1
Matthew Wilson
Vice Chairperson

District 2
Raevan Howard

District 3
Norman Crow
Chairperson

District 4
Lee Busby
Member

District 5
Kip Tyner

District 6
John Faile

District 7
Cassius Lanier
Alternate

Council Public Projects Committee Meeting Agenda

Tuesday, September 27, 2022 Daugherty Conference Room 2:30 p.m.

TOPIC	PRESENTER	SUPPORTING MATERIAL
Approval of Minutes		
OLD BUSINESS		
1. Authorization to enter into master services agreement with Jacobs Engineering for the Advanced Metering Infrastructure project, task order directive no. 1; total: \$99,850.00 (tabled 9-20-22)	Ron Smith	3-7
NEW BUSINESS		
2. Resolution approving the formation of a public corporation and authorizing the Mayor to execute documents related to the change of entity and incorporation of the Tuscaloosa Road Improvement Commission	Scott Holmes	8
3. Approval for professional services agreement with Duncan Coker Associates for engineering services for Lift Station 22 Force Main Replacement and Wastewater Characterization project; total not to exceed \$377,103.00	Lua Kennedy	9-10
4. Approval of balancing change order to the construction contract with Price Civil Services, Inc. for the 3123 50 th Street East Drainage project; deductive total: \$19,216.00	Calvin Culliver	11-13
5. Approval of balancing change order to the construction contract with Price Civil Services, Inc. for the 32 nd Avenue East Drainage project; deductive total: \$180.00	Calvin Culliver	14-16
6. Authorization to submit payment for Wetland & Stream Impacts Mitigation Credits for the McWright's Ferry Road project; total not to exceed \$500,000.00	Bryan Gurney	17-26



MEETING AGENDA



7. Approval to enter into master services agreement with CivicPlus, LLC for new software for 311; total: Year 1 at \$16,779.91, Year 2 at \$34,309.83	<i>Richard Rush</i>	27
8. Authorization for the Mayor to execute maintenance renewal contract with DataWorks Plus, LLC for continued use of Public Safety's mugshot and fingerprint software/hardware support; total not to exceed \$3,302.50	<i>Jason Foster</i>	28
9. Authorization for the Mayor to execute a license renewal contract with Harman Connected Services, Inc. for the continued use of current time and attendance software; total not to exceed \$25,000.00	<i>Jason Foster</i> <i>LaShonda Kemp</i>	29
ADJOURN		

Memorandum

September 14, 2022

To: Public Projects Committee

From: Ron Smith
Water and Sewer Department

RE: Authorization to Enter into a Master Services Agreement with Jacobs Engineering for the Advanced Metering Infrastructure Project, Task Order Directive 1 - Implementation Plan

General Information:

Firm: Jacobs Engineering
Funding: 62240280-22543
Amount: \$99,850.00

Summary:

Requesting authorization to enter into a master services agreement with Jacobs Engineering for the Advanced Metering Infrastructure Project. Task Order Directive 1 is for the development of the project implementation plan.



Task Order Directive No. 1 to the Master Agreement to Provide Consulting Engineering for the Advanced Metering Infrastructure Project Implementation Plan – Scope of Work

Background

The City of Tuscaloosa (City) has approximately 57,000 water meters in their system. Approximately 10,000 of those meters are Automated Meter Read (AMR, reading sent through radio signal), 30,000 are manually read, and approximately 8,000 have been recently replaced with new Advanced Metering Infrastructure (AMI). In 2019, the City awarded an AMI project to United Systems and Software (USS) to deploy the proposed AMI system using a phased approach over 3 years. Since 2019, USS has deployed the AMI network across the City's service territory and deployed the aforementioned approximately 8,000 AMI meters. The City's AMI project has not been able to expand the deployment due to resource and funding challenges. The USS contract ends soon, and the City requested Jacobs prepare this Scope of Work (SOW) to provide project planning and AMI system project management to aid the City with the AMI deployment expansion.

Project Scope of Work

Jacobs will complete this scope of work (SOW) on a task basis as shown below.

Task 1 – AMI Project Implementation Plan

Jacobs will work with the City and USS to review the existing project status with the objective of developing and documenting a project implementation plan including anticipated cost and schedule to complete the City's current AMI project. Jacobs will provide the City with a Request for Information (RFI) to gather information such as detailed meter information, network, contract, software, integration, funding, etc. Jacobs will log data received and review documents for clear understanding of the current status of the City's AMI project. Jacobs will conduct a workshop with the City to review our interpretation of the data received and to discuss any questions.

Jacobs will then develop a draft project implementation plan with estimated costs and schedule along with recommendations for an updated scope of work with USS. The project implementation plan will also address key areas of the project deployment such as project roles, resource assignment, action tracking, risk mitigation, deployment blackout schedule, installation acceptance, QA/QC inspections, and route installation completion.

Jacobs will provide the draft plan for City review, address comments received (typically within 2 weeks) and finalize the document. Jacobs will provide the final AMI Project Implementation Plan to the City in electronic format.

Deliverables

- Recommended AMI Project Implementation Plan, Draft and Final

Assumptions

- Jacobs will conduct a workshop with the City to review RFI data received.
- Jacobs will provide follow up questions to City and lead follow up meetings in person or via MS Teams
- Jacobs will reasonably rely upon the accuracy and completeness of the information/data provided by the City or other third parties.

Task 2 – AMI Project Internal Communication Plan

JACOBS will also develop an overall communication plan that will detail the various components of the AMI project so that stakeholders understand the variables and are kept informed of the progress made throughout the project.

Jacobs will use industry best practices and lessons learned from past projects to develop the communications plan to enable the City to provide effective communications internally. The plan will be tailored to present to City Council members and the Mayor. The plan will include tools, such as fact sheets, deployment schedule updates, and FAQs, that will help educate the stakeholders.

Deliverables

- Internal Communication Plan

Assumptions

- Jacobs will develop a plan for communications and present/distribute the communication plan to stakeholders such as Council members with the help of the City.
- Coordination will be conducted in a virtual format.
- A draft will be provided for consolidated comments prior to a final document.

Task 3 – Project Management

Jacobs will provide general project management and overall team coordination and administration. This task shall include the preparation of a brief monthly report that describes the progress of the work each month and shall be submitted along with the monthly invoice.

Schedule

Jacobs' estimated project duration for executing the work contained in this agreement is five months.

Attachment A – Compensation for Task Order Directive No. 1 to the Master Agreement to Provide Consulting Engineering for the Advanced Metering Infrastructure Project Implementation Plan

The purpose of this document is to describe compensation to Jacobs for providing professional consulting engineering services to the City based on the Scope of Work (SOW) included in Scope of Work, and as further defined in the Agreement.

Compensation

The Task Order Directive No. 1 to the Master Services Agreement to Provide Consulting Engineering for the Advanced Metering Infrastructure Planning and Implementation Project shall be billed on a Time and Materials basis for Tasks 1 through 3 in an amount not to exceed **\$99,850**. Jacobs will keep the City informed of progress and budget status.

Task	Price
Task 1 – Project Planning	\$65,520
Task 2 – Communication Plan	\$27,770
Task 3 – Project Management	\$6,560
Total	\$99,850

As compensation for providing the services described in Scope of Work, the City shall compensate Jacobs based on Jacobs’s hourly labor rate per employee title. Jacobs also shall receive, for providing services to the City, compensation for Direct Expenses, plus a service charge of 5 percent of subcontracts and outside services. Jacobs standard project charges for computing systems, special health and safety requirements of the Occupational Safety and Health Administration (OSHA), and telecommunications services are included as part of the Hourly Labor Rates.

Direct Expenses are defined as those necessary costs and charges incurred for the Project including, but not limited to: 1) the direct costs of transportation, meals and lodging, mail, special City-approved costs, project-specific insurance, letters of credit, bonds, and equipment and supplies; and 2) Jacobs’s current standard rate charges for direct use of Jacobs’s vehicles, laboratory test and analysis, printing and reproduction services, and certain field equipment. Jacobs will be reimbursed for sales and use taxes incurred by it in purchasing products used and required for the performance of a given task, and not otherwise associated with the Jacobs’s General Overhead or the provision of engineering services generally.

Jacobs is not obligated to incur costs beyond the indicated budgets, as may be adjusted, nor is City obligated to pay Jacobs beyond these limits. When any budget has been increased, Jacobs’s excess costs expended prior to such increase will be allowable to the same extent as if such costs had been incurred after the approved increase. Jacobs will be authorized to transfer budget from one task to another as needed to provide requested City services within the established overall budget.

Jacobs will be authorized to transfer budget from one task to another as needed to provide requested City services within the established overall budget.

END OF SECTION

Exhibit A

Hourly Labor Rates for FY 2023 are presented in the following table. The table may be revised yearly based on Jacobs' revised rate schedule.

FY 2023 Hourly Labor Rate Schedule	
Title	FY 2023 Hourly Labor Rate
Principle Technology/Principle in Charge/Project Manager	\$232
Senior Project Manager/Project Technologist	\$202
Project Manager/Project Technologist	\$182
Project Engineer	\$170
Associate Engineer	\$155
Staff Engineer/Consultant	\$130
Junior Staff Engineer/Consultant	\$112
Senior Technician/Programmer	\$136
Graphic Designer/Technician	\$114
Engineering Technician	\$92
Accountant/Administrative Assistant	\$68

APPROVED AS TO FORM

Office of the City Attorney

Prepared By: SBH/cr

Requested: Projects Date: 9/27/22

Council Presentation: 10/04/22

Suspension of Rules: NO

RESOLUTION

**RESOLUTION APPROVING THE FORMATION OF A PUBLIC CORPORATION
AND AUTHORIZING THE MAYOR TO EXECUTE DOCUMENTS RELATED TO THE CHANGE
OF ENTITY AND INCORPORATION OF THE TUSCALOOSA ROAD IMPROVEMENT COMMISSION
(A22-1031)**

WHEREAS, the Tuscaloosa City Council has reviewed the contents of the Application and has found and determined, as a matter of fact and to the best of its knowledge, the statements contained in the Application are true; and

WHEREAS, the Council finds the creation of a public corporation will serve the public interest; and

WHEREAS, the Council hereby approves the formation of a public corporation to be known as the Tuscaloosa County Road Improvement Commission, Inc. as set out in the proposed Certificate of Incorporation.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF TUSCALOOSA that the Mayor be, and is hereby, authorized to execute documents related to the change of entity and incorporation of the Tuscaloosa Road Improvement Commission, and the City Clerk is authorized to attest the same.

FUNDING REQUIRED: Yes No

By: _____
Chief Financial Officer

COUNCIL ACTION
Resolution _____
Ordinance _____
Introduced _____
Passed _____
2nd Reading _____
Unanimous _____
Failed _____
Tabled _____
Amended _____
Comments: _____

Memorandum

September 27, 2022

To: Public Projects Committee

From: Lua Kennedy, EI
Engineering

RE: **2021.041.001 Lift Station 22 Force Main Replacement and Wastewater
Characterization**
Approval for Professional Services Agreement

Request:

The Office of the City Engineer (OCE) is requesting approval for Professional Services Agreement with Duncan Coker Associates for engineering services on the Lift Station 22 Force Main Replacement and Wastewater Characterization project. The cost of the contract is not to exceed \$377,103.

Project Description:

Lift Station 22 is located near the western edge of the city limits off Energy Lane near the airport.

Lift Station 22 force main has calcium deposits reducing the hydraulic capacity of the force main. The force main is also heavily deteriorated. This project proposes to replace the force main and install inline real time monitoring of wastewater to restore capacity and function of the lift station.

There were 6 qualification packages were received from the Request for Qualifications (RFQ) issued in late 2021. Duncan Coker & Associates proposal was selected to perform the work based on the review committee's determination.

Funding:

\$500,000 FY22 Bond



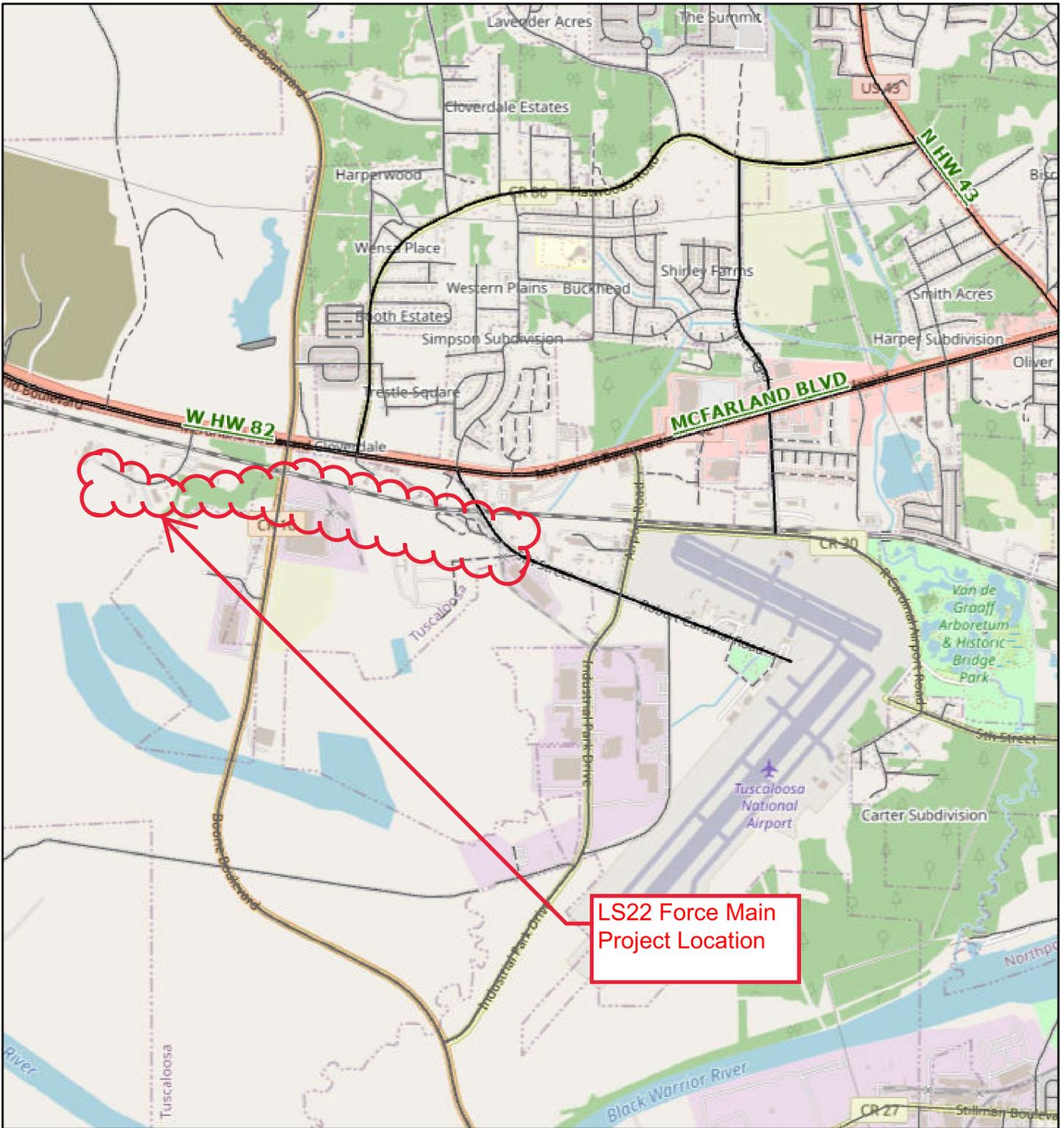
CITY ENGINEER

2201 University Blvd. • Tuscaloosa, AL 35401 • Phone 205-248-5380 • Fax 205-349-0341 • City Hall 205-248-5311

TUSCALOOSA.COM

 @TuscaloosaCity

LS22 Force Main Replacement - Vicinity Map



1/14/2022, 11:02:13 AM

1:36,112

Streets

Local

Major Collector

Minor Arterial

Principal Arterial

Unclassified

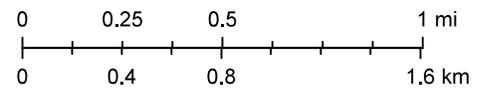
Labels

Local

Major Collector

Minor Arterial

Principal Arterial



© OpenStreetMap (and) contributors, CC-BY-SA, City of Tuscaloosa; Alison Sepulveda, GIS Administrator

Memorandum

September 20, 2022

To: Public Projects Committee

From: Calvin Culliver
Office of the City Engineer

RE: **2020.005.001 3123 50th Street East Drainage**
Balancing Change Order

Request:

The Office of City Engineer (OCE) is requesting approval of the balancing change order to the construction contract with Price Civil Services, Inc. to deduct **\$19,216.00** from the 3123 50th Street East Drainage project. This would revise the contract amount from **\$117,566.00** to **\$98,350.00**.

Change Order Justification of Need:

The change order is necessary to balance the final quantities.

Project Summary

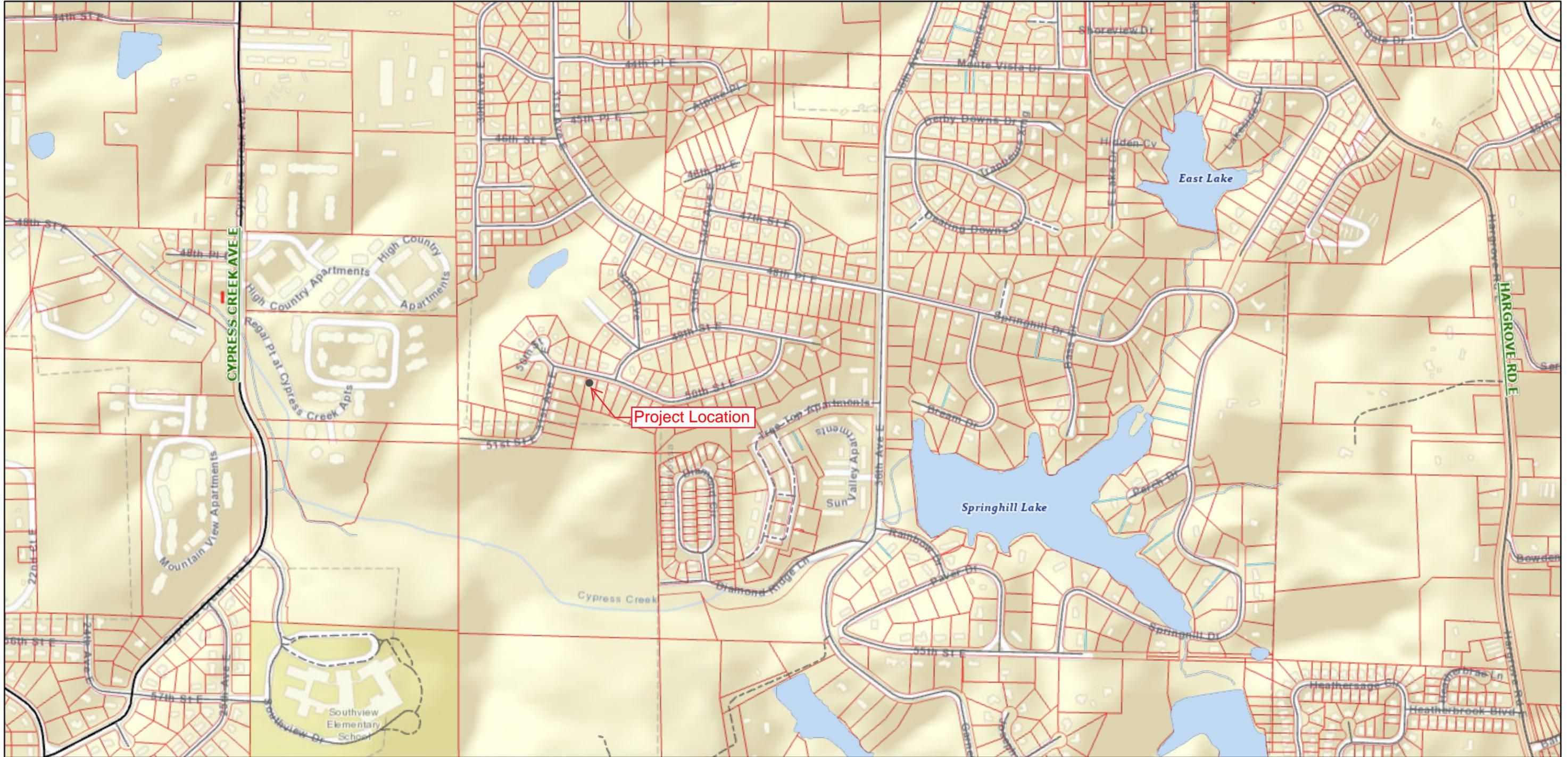
The project consisted of replacing approximately 220 of storm sewer drainage that attributes to erosion issues.

Funding

- PWCF

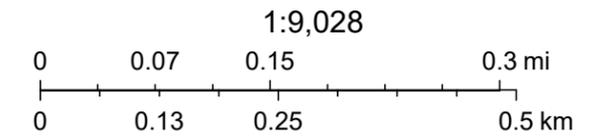


50th St. E. Drainage



9/21/2022, 9:08:06 AM

- | | | |
|---|---|---|
|  Hydrology (region) |  Major Collector |  Parcels |
|  Hydrology (polyline) |  Minor Arterial |  Lot Lines |
| Streets |  Unclassified | |
|  Local | | |



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community, City of Tuscaloosa; Alison Sepulveda, GIS Administrator, City of Tuscaloosa:UD-Planning Division;GIS Admin-

50th Street East Drainage



BEFORE PROJECT



AFTER PROJECT

Memorandum

September 20, 2022

To: Public Projects Committee

From: Calvin Culliver
Office of the City Engineer

RE: **2019.044.001 3123 32nd Ave. East Drainage**
Balancing Change Order

Request:

The Office of City Engineer (OCE) is requesting approval of the balancing change order to the construction contract with Price Civil Services, Inc. to deduct **\$180.00** from the 32nd Ave. East Drainage project. This would revise the contract amount from **\$150,000.00** to **\$149,820.00**

Change Order Justification of Need:

The change order is necessary to balance the final quantities.

Project Summary

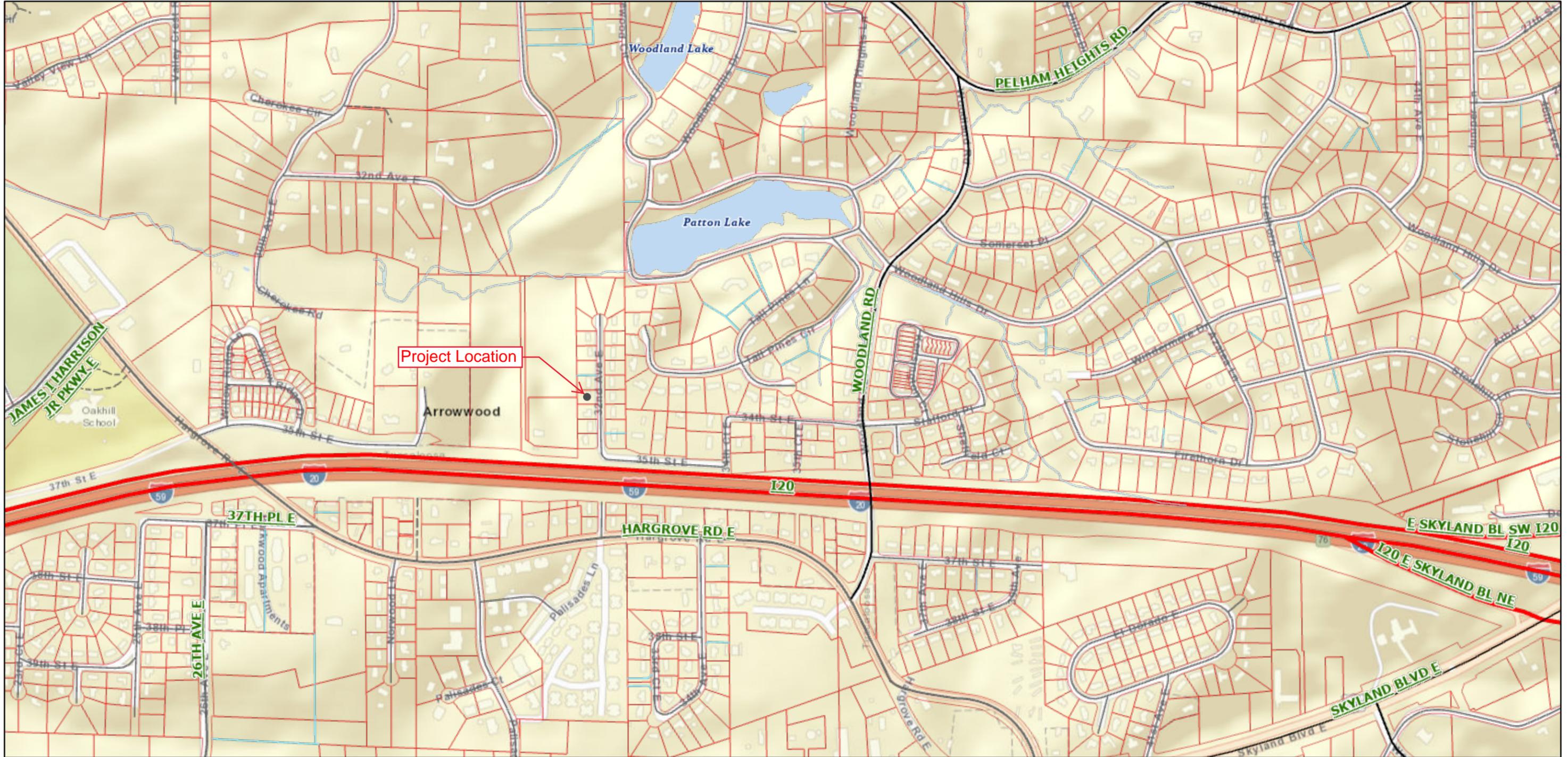
The project consisted of replacing approximately 240 of storm sewer drainage that attributes to erosion issues.

Funding

- PWCF



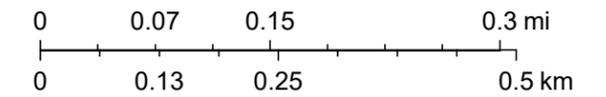
32nd Ave. E. Drainage



9/21/2022, 9:04:30 AM

1:9,028

- | | | | | |
|----------------------|-----------------|--------------------|-----------------|--------------------|
| Hydrology (region) | Local | Principal Arterial | Local | Principal Arterial |
| Hydrology (polyline) | Major Collector | Unclassified | Major Collector | Parcels |
| Streets | Minor Arterial | Labels | Minor Arterial | Lot Lines |
| Interstate | | Interstate | | |

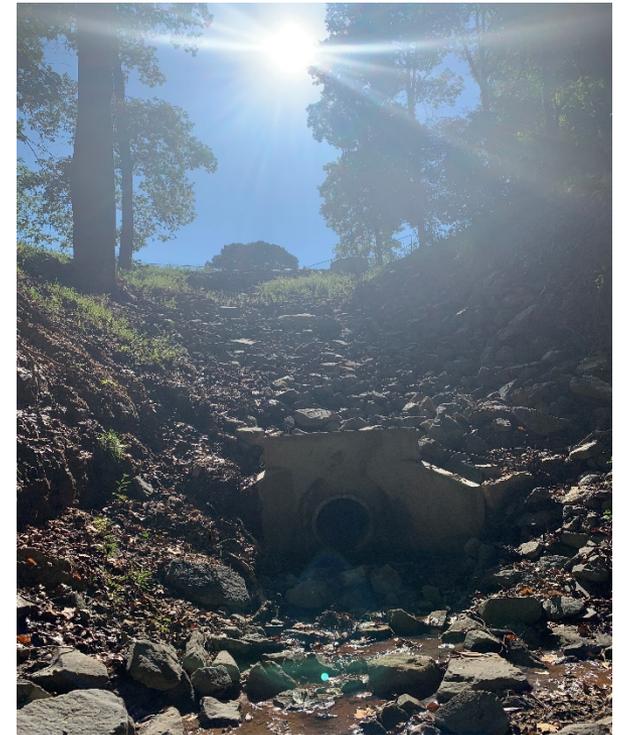


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community, City of Tuscaloosa; Alison Sepulveda, GIS Administrator, City of Tuscaloosa:UD-Planning Division;GIS Admin-

32nd Avenue East Drainage



BEFORE PROJECT



AFTER PROJECT

Memorandum

September 21, 2022

To: Public Projects Committee

From: Bryan Gurney, PE
Office of the City Engineer

RE: **McWright's Ferry Road**
OCE Project No. 2016.125.001
Mitigation Credit Purchase Authorization

Request:

The Office of City Engineer (OCE) is requesting authorization to submit payment for Wetland & Stream Impacts Mitigation Credit Purchase for the McWright's Ferry Road project not to exceed \$500,000.

Project Scope:

The McWright's Ferry Road project proposes to extend McWright's Ferry Road from New Watermelon Road to Rice Mine Road / SR-297 within the City of Tuscaloosa and unincorporated areas of Tuscaloosa County. Spanning approximately 3.5 miles, the project typical section is a 2 lane section with a 12 ft. wide shared use path on the southeasterly side of the proposed roadway. The proposed roadway is primarily on new alignment with the exception of the northern ½ mile at the tie into the existing McWright's Ferry Road. The project includes a roadway bridge and pedestrian bridge spanning North River, drainage, utility relocations, and intersection modifications at each end. Additional information, including a project roll map can be found at the [TCRIC website](#).

Request Summary:

This request authorizes payment for mitigation credits from an approved United States Corps of Engineers (USACE) mitigation bank in association with impacts to waters of the state under the jurisdiction of the USACE. The exact amount to be paid will not be determined until approval of the permit which is expected in approximately 60 days from the September 9, 2022 submittal date. The current anticipated amount of payment ranges between approximately \$340,000 to \$380,000. The credits must be purchased from an approved mitigation credits bank, in which pricing fluctuates depending on the market. Approval of this request will allow immediate purchase of credits upon receipt of pricing once the permit is approved. Otherwise, there is risk the price of the credits will change between receipt of pricing and the duration of city approvals for authorization of payment. These credits mitigate 0.10 acres of Wetlands Impact and 1,006 Linear Feet of stream impacts.



Project Schedule:

The project bid opening is set for October 26, 2022. The project is projected to begin construction early 2023.

Project Funding:

The project funding is TCRIC.





3516 Greensboro Avenue
Tuscaloosa, AL 35401
205.345.0816
www.ttlusa.com

September 09, 2022

U.S. Army Corps of Engineers - Mobile District
Attn: Mrs. Courtney Shea, Senior Project Manager
Birmingham Field Office
600 Vestavia Parkway, Suite 203
Vestavia Hills, Alabama 35216

Subject:*Pre-construction Notification, NWP 14
Proposed McWright's Ferry Road Expansion
Tuscaloosa, Tuscaloosa County, Alabama
TTL Project No.: 008010117010.00
USACE Project No.: SAM-2018-00592-CMS*

Dear Mrs. Shea,

Thompson Engineering, Inc (formerly Burk-Kleinpeter, Inc.) contracted TTL, Inc. (TTL) to act on their behalf in the processing of this authorization. TTL respectfully submits this Pre-construction Notification (PCN) for a Nationwide Permit 14 for impacts to Waters of the United States (WOTUS) associated with the proposed McWright's Ferry Road project located in Tuscaloosa, Tuscaloosa County, Alabama. The proposed project consists of the extension of McWright's Ferry Road across the North River to Rice Mine Road. The center of the project is located near latitude 33.255253 and longitude -87.500796. The proposed project will require a PCN as it involves the placement of fill into jurisdictional waters of the U.S. including wetlands.

TTL representatives look forward to working with you on this project.

Sincerely,
TTL, Inc.

Chris Stanford
Project Professional

Christopher Terrell, PWS
Natural Resources Project Manager

Enclosed: Nationwide Permit Pre-construction Notification Package

TABLE OF CONTENTS

USACE PRE-CONSTRUCTION NOTIFICATION

PROJECT DESCRIPTION

FIGURES

1. Site Location and Topographic Map
2. Site Location and Aerial Photograph
3. Waters of the U.S. Impact Map
4. Hydrologic Unit Code (HUC) Map

ATTACHMENTS

TTL Waters of the U.S. Delineation Report
Plan & Profile Drawings
Correspondence with the U.S. Fish & Wildlife Services
Conservation Services of Alabama Bat Habitat Assessment
Phase I Cultural Resources Survey

USACE PRE-CONSTRUCTION NOTIFICATION

PROJECT DESCRIPTION

Contact Information

Applicant: City of Tuscaloosa
Care of: Thompson Engineering, Inc.
Contact: Mr. Clay Randolph, PE
Address: 2900 8th Street, Tuscaloosa, Alabama 35401
Phone Number: (205)759-3221UT t
Email: crandolph@thompsonengineering.com

Agent: TTL, Inc.
Contact: Mr. Chris Stanford
Address: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401
Phone Number: (706)566-0328
Email: cstanford@ttlusa.com

General Description

The City of Tuscaloosa is the applicant for this Nationwide Permit 14 – Linear Transportation Projects application for the proposed McWright's Ferry Road extension project located in Tuscaloosa, Tuscaloosa County, Alabama. The project involves construction and improvements along approximately 12,000 feet of roadway to include realignment of the intersection of New Watermelon Road and McWright's Ferry Road, realignment of an existing portion of McWright's Ferry Road and the proposed extension McWright's Ferry Road over the North River via bridge, ending at the intersection with Rice Mine Road. A separate pedestrian bridge is also proposed over North River.

The project area is depicted on the attached Figure 1 and is located in portions of the U.S.G.S. 7.5' Topographic Maps for Tuscaloosa (SW), Cottdale (SE), Lake Nicol (NE) and Lake Tuscaloosa South (NW), Alabama quadrangles. The center of the project is located near latitude 33.255228 and longitude -87.500810. The Site consists of approximately 91.5 acres and is primarily undeveloped with portions of the property being developed as McWright's Ferry Road and residential dwellings.

Purpose and Need

The purpose of the proposed project is to improve traffic flow by creating an alternate path for traffic to reach McWright's Ferry Road and New Watermelon Road, as well as to continue development of the Tuscaloosa Riverwalk by adding a pedestrian-only bridge over North River.

The roadway extension is needed to support traffic flow and access east of Lake Tuscaloosa. Currently, New Watermelon Road, which is located atop the City's dam/spillway for Lake Tuscaloosa, serves as the only access point for 11,000 Tuscaloosa County residents to the Tuscaloosa and Northport metro areas. Recent growth along the west side of Lake Tuscaloosa has caused traffic congestion along both New Watermelon Road and Rice Mine Road. A 2013 traffic study estimated that daily traffic counts averaged 5,000 to 7,000 vehicles and were expected to reach 16,500 vehicles by 2035. Based on ALDOT's publicly accessible traffic data New Watermelon Road, east of the spillway, had a 2021

annual average daily traffic (AADT) volume of 11,291 vehicles (traffic counter ID 1321, <https://aldotgis.dot.state.al.us/TDMPublic/>).

Summary of Aquatic Features

TTL conducted a Waters of the U.S. (WOTUS) Delineation for an approximately 123-acre corridor, including the project area, on October 9-13, 2017, and December 29, 2017 due to modifications to the original project alignment. A Preliminary Jurisdictional Determination, **USACE Project No.: SAM-2018-00592-CMS**, was previously issued by the USACE on July 25, 2018. Table 1, presented below, provides a summary of the aquatic features located within the 123-acre delineation area. Specific proposed impacts to these features are included in Table 2. A copy of the delineation report is provided as an attachment:

Table 1: Summary of Delineated Aquatic Features

Map ID	Classification	Length (FT)	Area (AC)
S1	Intermittent Stream	45.2	0.005
S1	Culverted	145.8	0.013
S2	Perennial Stream	100	0.024
S2	Culverted	89.7	0.014
S4	Perennial Stream	283.6	0.056
S4	Culverted	77.7	0.005
S5	Ephemeral Stream	115.8	0.004
S6	Intermittent Stream	174.0	0.022
S7	Perennial Stream	379.6	0.145
S7	Culverted	63.1	0.032
S8	Ephemeral Stream	93.4	0.010
S9	Ephemeral Stream	192.1	0.017
S10	Intermittent Stream	64.2	0.014
S11	Intermittent Stream	445.2	0.067
S13 - North River	Lower Perennial Stream	187	0.508
S14	Ephemeral Stream	262.9	0.027
S14	Culverted	13.8	0.001
S15	Ephemeral Stream	477.6	0.037
S16	Intermittent Stream	419.3	0.071
S17	Intermittent Stream	472.2	0.084
S18	Intermittent Stream	82.7	0.007
S19	Ephemeral Stream	54.8	0.004
S19	Culverted	85.4	0.008
WA	Palustrine	---	0.109
WB	Palustrine	---	0.348
WC	Palustrine	---	0.114
WE	Palustrine	---	0.010
WF	Palustrine	---	0.316
WG	Palustrine	---	0.736
WH	Palustrine	---	0.106
WI	Palustrine	---	0.0004

Map ID	Classification	Length (FT)	Area (AC)
WJ	Palustrine	---	0.096
WK	Palustrine	---	0.005

Types of Impacts

The design plan for the proposed roadway would result in impacts to WOTUS by the permanent placement of fill material into jurisdictional wetlands WH (0.08 acre) and WJ (0.097 acre) for grading associated with the proposed roadway. The design also proposes to impact 795 linear feet of ephemeral stream (S-14, S-15, and S-19) and 1,360 linear feet of intermittent stream (S-16 and S-17) through culverting, armament, and filling. Although above-grade culverts are proposed to be installed at all stream impact locations, streams S-11, S-15, and S-16 will be realigned and therefore are considered “fill” for stream impact purposes. An Impact Summary Table is provided in Table 2. The project design plans are included as an attachment. Figures 3A and 3B also depict the proposed impacts to aquatic features.

Table 2: Impact Summary Table

Crossing ID / Permit Requirements	Feature ID	Resource Type	Impacted Length (LF) / Area (AC)	Fill Volume (yd ³)	Impact Type	Fill Duration	Distance from Previous Crossing (ft)
1 / No PCN Required	S11	Intermittent	470 LF / 0.074 AC	424.83	Structural Fill (Culvert in different alignment)	Permanent	--
2 / No PCN Required	S14 Culvert	Ephemeral	15 LF / 0.0004 AC	718.27	Above-grade Culvert	Permanent	1,966
	S14	Ephemeral	266 LF / 0.025 AC		Above-grade Culvert	Permanent	
		Ephemeral	39 LF / 0.004 AC	72.41	Rip Rap	Temporary	
3 / No PCN Required	S15	Ephemeral	464 LF / 0.037 AC	295.48	Structural Fill (Culvert in different alignment)	Permanent	1,559
4 / Associated with Crossing 5 due to Proximity	S16	Intermittent	267 LF / 0.045 AC	434.34	Structural Fill (Culvert in different alignment)	Permanent	1,460
			131 LF / 0.017 AC	100.42	Rip Rap	Temporary	
5 / PCN Required	S17	Intermittent	406 LF / 0.070 AC	2,255.57	Above-grade Culvert	Permanent	537
			86 LF / 0.012 AC	22.03	Rip Rap	Temporary	

	WH	Palustrine Wetland	0.080 AC	1,811.77	Structural Fill	Permanent	
6 / PCN Required	S19 Culvert	Ephemeral	30 LF / 0.001 AC	3.93	Structural Fill	Permanent	5,811
	WJ	Palustrine Wetland	0.097 AC	1,346.76	Structural Fill		
Total Stream Impacts: 2,129 LF / 0.284 AC							
Total Culverted Stream Impacts: 45 LF							
Total Ephemeral Stream Impacts 769 LF / 0.066 AC							
Total Intermittent Stream Impacts 1,360 LF / 0.218 AC							
Total Wetland Impacts: 0.177 AC							
* S12 and S-13 (North River) crossing excluded due to no impacts from proposed bridging							

Avoidance and Minimization

McWright's Ferry Road extension is comprised of sections of existing roadway and undeveloped properties in Tuscaloosa. The original project footprint extended approximately 1.2 miles southward along Rice Mine Road to its intersection with Northridge Road, which is detailed in the 2018 PJD delineation area. The current project consists of the realignment of the intersection of New Watermelon Road and McWright's Ferry Road, realignment of an existing portion of McWright's Ferry Road and the proposed extension McWright's Ferry Road over the North River, ending at the intersection with Rice Mine Road. Due to the shortening of the project, multiple aquatic features (S1-S10 and WA-WG) were avoided. Portions of perennial streams S-12 and S-13 (North River) were also avoided by designed bridging. Project impacts have been minimized to the maximum extent practical. Best management practices (BMPs) will be utilized during construction to further minimize potential impacts.

Approximately 4,325.1 linear feet of stream and 1.8404 acre of wetland are found within the original proposed limits of construction and adjacent to the project area. The current proposed project will avoid 2,196.1 linear feet stream and 1.6634 acre of wetland will be avoided.

Mitigation Plan

TTL completed the Wetland Rapid Assessment Procedure (WRAP) for the wetlands located on-site. TTL determined that 0.10 wetland credits will be required to mitigate for unavoidable impacts. A copy of the Wetland Rapid Assessment Procedure (WRAP) form is provided as Appendix F of the WOTUS Delineation Report attachment.

WH: 0.080 acre impacted wetland X 0.7319 = 0.0585 wetland mitigation credits

WJ: 0.097 acre impacted wetland X 0.4375 = 0.042 wetland mitigation credits

Additionally, TTL utilized the 2012 USACE Compensatory Stream Mitigation Standard Operating Procedure and Guidelines (SOP) Adverse Impacts for Riverine Systems to calculate the mitigation credits necessary to offset the proposed impacts. TTL has determined that 3,088.4 stream credits will be required to mitigate for unavoidable impacts. The SOP worksheet is included as an attachment.

The proposed project area is located within the Lake Tuscaloosa-North River, Like Nicol-Yellow Creek, and Two-Mile Creek sub watersheds 12-Digit HUC 031601120413, 031601120501, 031601120505, which is located in the Black Warrior River-North River and Hurricane Creek-Black Warrior River watersheds 10-Digit HUC 0316011204 and 0316011205, which is located within the Upper Black Warrior River subbasin 8-Digit HUC 03160112. Figure 4 depicts the location of the site in relation to the associated HUCs.

The applicant will purchase 0.10 wetland credits and 3,088.4 stream credits from a USACE approved mitigation bank to offset these impacts. If credits are not available within the project's watershed, the appropriate proximity factor will be applied.

United States Fish and Wildlife (USFWS) Coordination

In a letter dated November 21, 2017, TTL requested comment from the USFWS regarding the potential environmental impact posed by the proposed extension project. In a letter dated January 3, 2018, the USFWS issued a reply letter stating "North River, a major tributary to the Black Warrior River, may provide habitat for the inflated heelsplitter (*Potamilus inflatus*) and potential habitat for the Indiana (*Myotis sodalist*) and Northern long-eared (*Myotis septentrionalis*) bats." A copy of TTL's Request for Comment and USFWS's response letter is included as an attachment. Based on the proposed bridging of North River and the implementation of BMPs to prevent discharges during construction, it is TTL's opinion that there will be no impact to protected species which may be located within North River.

TTL contracted the Conservation Services of Alabama, LLC (CSA) to conduct a habitat assessment for the presence of gray (*Myotis grisescens*), Indiana (*Myotis sodalist*) and Northern long-eared (*Myotis septentrionalis*) bats within the project area. In a report dated September 10, 2021, CSA states field "findings indicate that the site lacked the needed habitat features to be considered as potential summer/maternity roosting habitat. Thus, the area was determined to not provide potential habitat. No areas were found on the site that might provide potential winter habitat." A copy of CSA's Habitat Assessment is included as an attachment.

Historical Properties Coordination

Burk-Kleinpeter, Inc. contracted TerraXplorations (TerraX) to conduct a Phase I Cultural Resource Survey to identify historic and prehistoric properties within the permit area. TerraX performed fieldwork November 1-15, 2013. TerraX identified one (1) previously recorded site and nine (9) new locations. Eight (8) of the nine (9) newly recorded locations are considered to be ineligible for inclusion under the NRHP by TerraX. One (1) of the newly recorded sites (1TU1098) is considered to be potentially eligible for inclusion in the NRHP by TerraX due to the potential for intact cultural deposits and the likelihood for cultural features. A historic grave was also identified by TerraX within the project area. TerraX states "BKI has agreed to protect both 1TU1098 and the Scales Grave with at least a 50-ft buffer." A copy of TerraX's Phase I Cultural Resource Survey is included as an attachment.

Memorandum

September 23, 2022

To: Projects Committee

From: Richard Rush
Strategic Communications

RE: SeeClickFix – 311 Software

SeeClickFix by CivicPlus is a 311 solution that empowers residents to report issues, identify repair needs, share feedback, and ask questions of their local government leaders. For local governments, it powers efficient and transparent workflows, fostering accountability and trust. The result is collaborative experiences between governments and residents that co-create clean, safe, and happy communities.

CivicPlus will provide access to the Services via mobile applications, internet, and an embeddable interactive widget for public reporting, alerts on discussing non-emergency issues ("the Software"). Users will be able to interact with the software and post various content including words and photos ("User Content").

Authorization for the Mayor to enter a contract with CivicPlus, LLC for a five-year term as follows:

Year One: \$16,779.91

Year Two: \$34,309.83

Memorandum

September 22, 2022

To: Public Projects Committee

From: Jason Foster
Information Technology

RE: Authorization for the Mayor to execute a maintenance renewal contract with DataWorks Plus, LLC.

General Information:

Firm: DataWorks Plus, LLC

Funding: 10104030-3156

Amount: \$3,302.50

Summary:

Authorization for the Mayor to execute a maintenance renewal contract with DataWorks Plus, LLC. for the continued use of Public Safety's mugshot and finger print software/hardware support. Not to exceed \$3,302.50.

Memorandum

September 22, 2022

To: Public Projects Committee

From: Jason Foster
Information Technology

RE: Authorization for the Mayor to execute a license renewal contract with Harman Connected Services Inc.

General Information:

Firm: Harman Connected Services Inc.

Funding: 10104030-3156

Amount: \$25,000

Summary:

Authorization for the Mayor to execute a license renewal contract with Harman Connected Services Inc. for the continued use of our current time and attendance software. Not to exceed \$25,000.