



Agenda Item Request Form

ITEM: Consideration of Approval of Mott MacDonald Proposed Task Order Area S SRF Improvements dated 01/28/2022

BACKGROUND INFORMATION: The proposed scope of work consists of survey, design, permitting, and bidding for replacement/relocation of the water distribution systems, replacement/relining of the sewer system and repaving roadway in "Area S".

- Area S comprises mixed commercial and residential structures located north of business route 98 (6th Street) and south of 7th street bounded on the west by SR 77 and on the east by Watson Bayou.
- This work is fully detailed the included "Attachment A" excerpted from the Clean Water and Drinking Water Facilities Plan.
- Proposed work will also include the investigation and design of the proposed sewer modifications around Family of God Baptist Church.

DEPARTMENT HEAD RECOMMENDATION: **Approval**

Budget Impact: **\$212,904.00**

Budgeted?: Yes: No: How much budgeted?

If more, where do you suggest funds come from?

Cost Center Affected:

Personnel \$

Operating \$

Capital \$

Revenue \$

Requested By: Jared Jones, Assistant City Manager/Interim Public Works Director

Date: February 16, 2022



Mr. Jared Jones / Assistant City Manager
City of Panama City
501 Harrison Avenue
Panama City, Florida 32401

Proposed Task Order

Our Reference
SRF - General Engineer

January 28, 2022

Dear Mr. Jones,

Mott MacDonald
1022 West 23rd Street
Suite 680
Panama City
FL 32405
United States of America

Attached for your consideration is a proposed task order for "Area S SRF Improvements" as outlined in the City of Panama City's Facilities Plan.

Should you have any questions or require additional information, please call.

Sincerely,

T +1 (850) 763 9393
mottmac.com

Mott MacDonald

A handwritten signature in blue ink, appearing to read 'Amir Zafar', written over a faint horizontal line.

Amir Zafar, PE, BCEE
Principle Project Manager
Amir.Zafar@mottmac.com

AZ/bs

encls.

cc: Samar Mazloun – City of Panama City
Mark McQueen – City of Panama City
Stacy Rausch – Mott MacDonald

TASK ORDER No.: _____

City of Panama City

Area S SRF Improvements

DATED: 01/28/2022

Section I. BACKGROUND

This Work Order is issued between **CITY OF PANAMA CITY** and **MOTT MacDONALD FLORIDA, LLC**, pursuant to the SRF GENERAL ENGINEER SERVICES Contract between the parties dated _____, 2022, and subject to all the terms and conditions thereof.

Section II. SCOPE OF SERVICES

The ENGINEER is hereby requested to perform the following services (the "Work"):

The Scope of Work consists of survey, design, permitting, and bidding for replacement/relocation of the water distribution systems, replacement/relining of the sewer system and repaving the road in "Area S" as detailed in **Attachment A**, an excerpt from Clean Water and Drinking Water Facilities Plan. The Work will also include the investigation and design of the proposed sewer modifications around Family of God Baptist Church. The Project will consist of the following tasks:

A. Kickoff Meeting and Project Coordination

Mott MacDonald will review all available data and meet with the City to discuss the priorities and discuss any additional issues within the project area for purpose of refining the scope. Throughout the project life, Mott MacDonald will meet with the City as needed to update progress and obtain any additional information.

B. Survey

Mott MacDonald will survey the entire project route of approximately 5,565 LF. The survey will include right of way, topographic information, above and below ground improvements and utility locations. An 811 Design Service Ticket will be used to locate all utilities. If more detailed utility survey is required, a Subsurface Utility Engineering (SUE) firm will need to be contracted but is not included in the current scope.

C. Design (30%, 60%, 90% Milestones)

Area S includes approximately 5,565 LF of roadway repaving, 3,417LF of Sewer replacement and waterline replacement, and 3,609 LF of sewer relining. **Attachment A** has more details on the needs of this Project Area. Mott MacDonald will prepare progress (30%, 60% and 90%) plans and specifications for City review and comments. Plans and Specifications for this work will include all items to create a complete and functioning system while following SRF requirements and City standards. At critical points of the Design Process, Mott MacDonald will engage SRF and submit documents for their review and concurrence.

D. Permitting

Included in this scope are the preparation and submission of the FDEP permit for water distribution system improvements, sewer system improvements, and wetlands permitting (as required). The stormwater NPDES permit shall be obtained by the Contractor based on the stormwater pollution prevention plan sheets included in the plan set prepared by Mott MacDonald. All permitting fees are to be paid by the City.

E. Bidding

Along with a Bid Set Plans and Specifications package, Mott MacDonald will assist the City with the bid process by preparing and distributing any addenda, answering any Planholder questions, and aiding the City with the Pre-Bid Meeting. Mott MacDonald will also maintain the Planholders list and distribute all Bid Documents. After the Bid opening, Mott MacDonald will review the bids, prepare a certified bid tabulation and issue a recommendation for award.

F. Construction Administration/Inspection

TO BE INCLUDED IN A SEPARATE TASK ORDER UPON REQUEST

Section III. SUB-CONSULTANTS

No subconsultants will be used for this project.

Section IV. DELIVERABLES

The Engineers deliverables will include:

1. Survey of the existing topographic features and existing identified underground utilities.
2. 30% design plans (PDF and 2 hard Copies) for the replacement/relining of sewer mains, replacement/relocation of water mains, and roadwork for City review and approval.
3. 60% design plans (PDF and 2 hard Copies) and specification for City's review and approval.
4. 90% design plans (PDF and 2 hard Copies) and specification for City's review and approval.
5. Bid Set plans and specifications (PDF and 2 hard Copies).
6. Prepare and submit FDEP permit application.
7. Certified Bid Tabulation and Recommendation of Award.

All roadwork under this task order will be limited to the scope allowed by SRF and will be for overlays. Any additional roadwork and rebuilding outside of this scope will be included under a separate task order.

Section V. CITY'S RESPONSIBILITY

Provide information concerning project needs.

Section VI. SCHEDULE

It is anticipated that the project design will be completed within 160 days of receiving notice to proceed.

Section VII. METHOD OF COMPENSATION

The ENGINEER shall be compensated as follows:

1. Survey	\$15,700.00
2. Engineering, Permitting and Contract Document Preparation (7.00%)	\$192,204.00
3. Bidding	<u>\$5,000.00</u>
Total:	<u>\$212,904.00</u>

Fixed Price. ENGINEER's compensation shall be a fixed price (lump sum) amount of **\$212,904.00**

The ENGINEER shall not submit pay requests in excess of the fixed price or "not-to-exceed" amount unless covered by an express written amendment to this Work Order.

[Authorized Signatures on Following Page]

AUTHORIZATION

The undersigned Authorized Representative represents that funds have been duly appropriated and committed for this Work Order and that the Work has been duly authorized by the CLIENT. A copy of the CLIENT's authorizing Resolution is annexed hereto.

ACCEPTED:

MOTT MacDONALD FLORIDA, LLC

CITY OF PANAMA CITY

By _____

By _____
Authorized Representative

Billy R. Perry – Senior Vice President

Printed Name and Title

Dated: _____

Dated: _____

8.5 Area S

Area S consists of an urban environment with a study area of approximately 44-acres, and is estimated to cost approximately \$3,568,490. However, the funding for sections of roadway with no utilities located beneath or adjacent to them is not to be included, as the City is seeking capital for these portions from elsewhere. The SRF funding the City is pursuing for this area is \$3,528,515 +/- . The allocation of the work/cost is as follows:

- Roadwork - \$39,975 (not included in SRF funding)
- Drinking Water- \$2,592,485
- Wastewater - \$936,030

There are 5,565 +/- linear feet of paved roads within Area S, and the work is anticipated to occur only within road Right-of-Way and easements areas. See **Map 8-6**, showing the location and type of work to be performed. The work encompasses the replacement and/or structural lining of portions of the gravity sanitary sewer, replacement of segments of the storm sewer, and replacement of sections of the drinking water distribution systems (see **Section 8.1** for further details). Ancillary work includes road rebuilding and pavement overlay. All work will be performed to current standards as outlined in **Section 2.3**.

8.5.1 Environmental Review

8.5.1.1 Wetlands

There are Estuarine and Marine Deepwater, Freshwater Forested/Shrub Wetlands, and Estuarine and Marine Wetlands within the study area of the project. See **Map 8-7** for wetlands, project study area and proposed work routes. The work area both crosses and is adjacent to the noted wetlands. Care to protect the wetlands with appropriate erosion control measures will be necessary. Any wetlands that are impacted inside the work area, will need to be properly documented, permitted, and protected.

8.5.1.2 Threatened and Endangered Species

Threatened and endangered species and other resources that are known or expected to be on or near the project area are listed in **Exhibit A-6**. The content of **Exhibit A-6** was obtained from the U.S. Fish and Wildlife Service's (USFWS) website and is the Information for Planning and Consultation (IPaC) report for Area S. As this is a previously disturbed site, the implication is that there are no threatened or endangered species where the work is to be done. However, if any are encountered, U.S. Fish and Wildlife will be contacted immediately and work in that area suspended until a further determination has been made to ensure the safety of said species.

8.5.2 Socioeconomic Review

8.5.2.1 Environmental Justice & Demographics

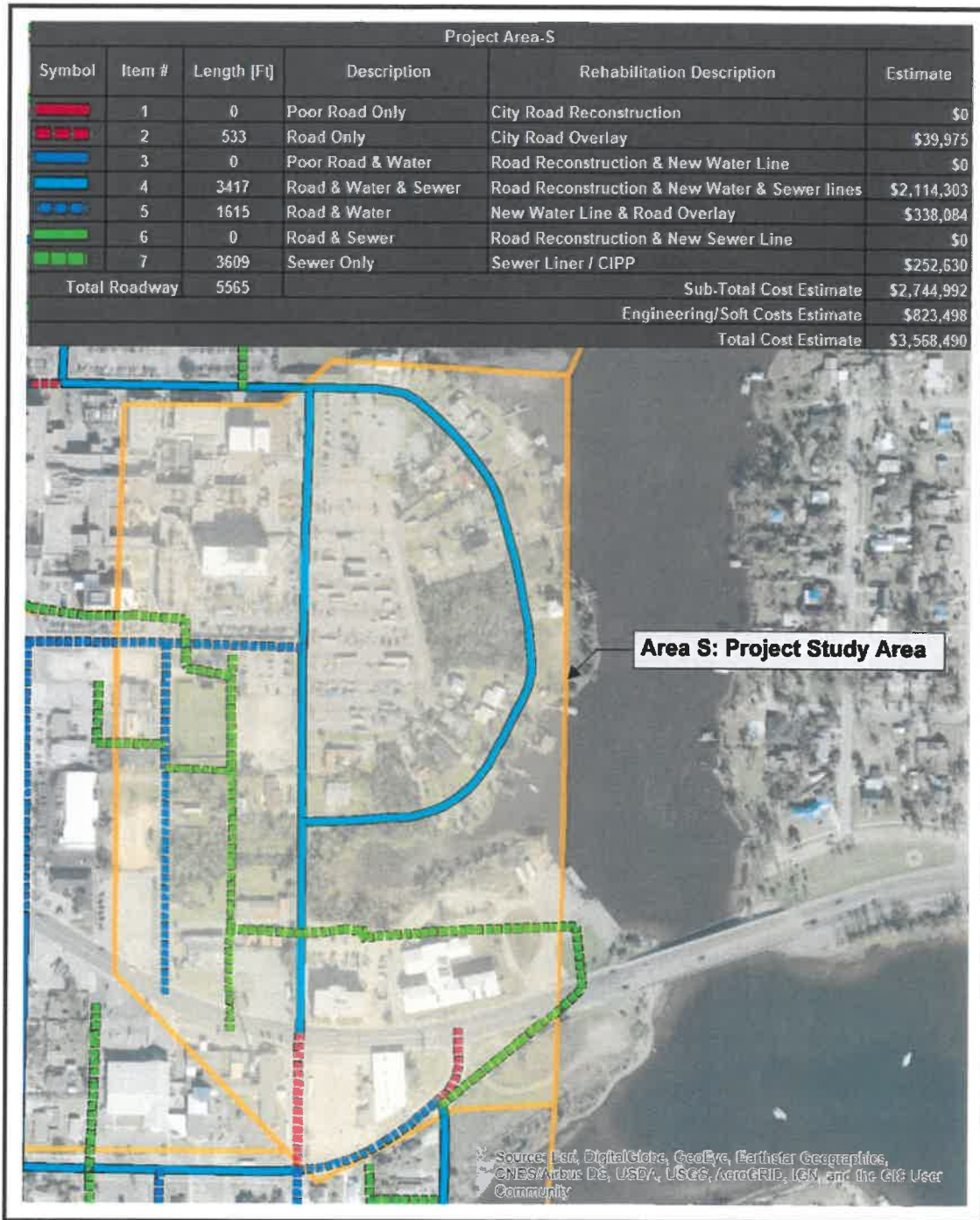
The U.S. Environmental Protection agency (EPA) defines environmental justice in the following way, "Environmental Justice is the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income, with respect to development, implementation, and enforcement of environmental laws, regulations, and policies". This definition is interpreted as a means to ensure that any at-risk population is not unduly encumbered with a greater than normal amount of pollution.

A review of the proposed construction study area, consisting of the Area S boundary plus an additional 0.1-mile buffer, using the EPA tool EJSCREEN is included in **Exhibit B-6**. The review indicates that there are no potential Environmental Justice (EJ) Communities near the proposed project site. The area only had a single demographic indicator (Population over Age 64) above the 50th percentile in the State. This population would be the most at risk to any potential pollution sources. Beyond demographics there were also two (2) higher than average Environmental Indicators (EIs) in the area. The EIs that were above the 80th percentile in the State, are the National-Scale Air Toxics Assessment (NATA) Respiratory Hazard Index, and Lead Paint Indicator. These two EIs are considered to be the pollution of concern for the area.

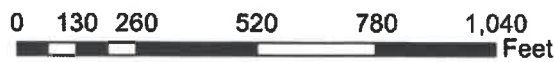
All proposed work is isolated to the study area and will have construction activities limited there. Best Management Practices (BMPs) to reduce airborne particulate matter, should be included to prevent greater than acceptable levels of dust during construction, as the Respiratory Hazard Index shows an increased propensity for air pollution. Construction activities will be temporary, and once complete will not contribute to any pollution of concern (air pollution & lead paint), or harm the at-risk population (elderly) in any way.

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Map 8-6: Project S - Proposed Work

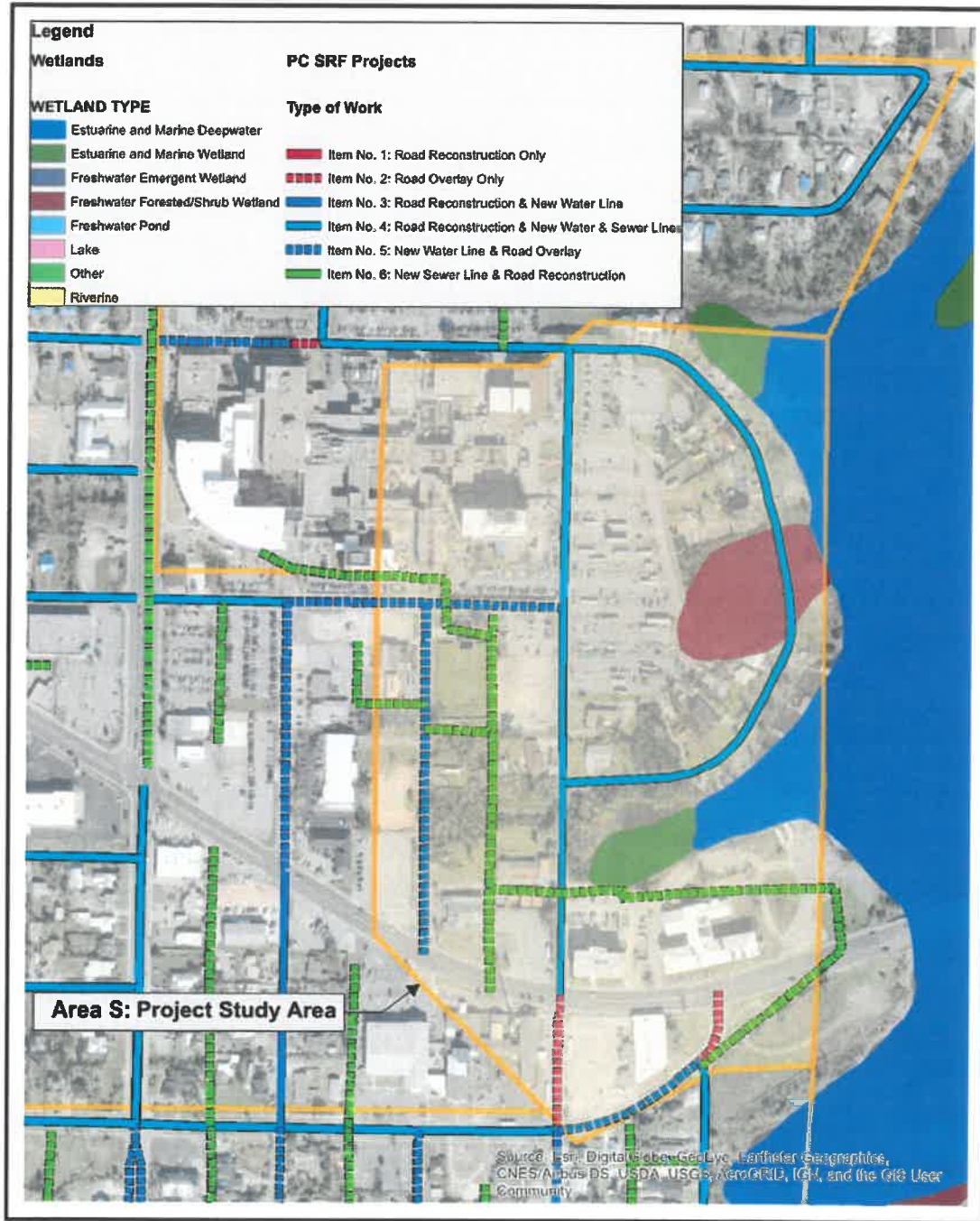


**Panama City Area S
Proposed Work**

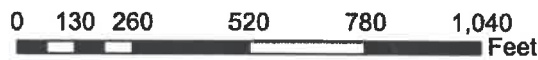


Date: 12/22/2020
Drawn By: D. Brown

Map 8-7: Area S - Wetland Map



**Panama City Area S
 Wetlands**



Date: 12/22/2020
 Drawn By: D. Brown