



**Coastal Region Metropolitan Planning Organization**

# **Surface Transportation Block Grant (STBG) Urban Attributable (Y230) Funds**

**APPLICATION**

PI 0017415 (LAZAROTTO CREEK BRIDGE)

**AUGUST 2022**

**Send the electronic copy  
of the completed application by:**

**5:00 p.m. on September 26, 2022**

**to:**

Jasmine Champion, Senior Transportation Planner  
Chatham County-Savannah Metropolitan Planning Commission  
110 E. State Street  
Savannah, GA 31401

**Contact info:**

912-651-1476

[championj@thempc.org](mailto:championj@thempc.org)

**Coastal Region Metropolitan Planning Organization**  
**Surface Transportation Block Grant (STBG) Program**

**CHECKLIST FOR APPLICANTS**

- Have you answered all applicable questions in the application?

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- Has the appropriate person signed the application?

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- Have you filled out the detailed budget table on the last page of this application?

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- Please indicate the sources of funding you are requesting for this project.  
 Y230       Z301

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- Have you attached a letter from your governing board or official able to commit to the local match?

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- Have you attached a project location map?

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- Have you attached information demonstrating the basis of your project's cost estimate?

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- Have you attached other information that is applicable to the answers in your application?

# Surface Transportation Block Grant Program (STBG) Urban Attributable (Y230) Funds

## AUGUST 2022 CALL FOR PROJECTS

The Coastal Region Metropolitan Planning Organization (CORE MPO) is conducting a competitive project selection process to award expected FY 2023 - 2027 Surface Transportation Block Grant (STBG) Program Urban Attributable (Y230) funds, provided through the act entitled Infrastructure Investment and Jobs Act (Pub. L. 117-58, also known as the “Bipartisan Infrastructure Law” (BIL)).

- **Expected Available Funds:**
  - FY 2023 = \$9,750,122 (federal portion)
  - FY 2024 = \$6,480,778 (federal portion)
  - FY 2025 = \$4,000,000 (federal portion)
  - FY 2026 = \$4,000,000 (federal portion)
  - FY 2027 = \$4,000,000 (federal portion)
- **Maximum Award for a project = available funds for that year (federal portion)**
- **Minimum Award for a Project = \$200,000 (federal portion)**
- **At least 20% of the eligible costs of the proposed project must be locally funded.**  
(Previously incurred costs cannot be counted as part of the 20% match for the newly awarded federal funds.)

An applicant may request a minimum of *at least \$200,000 of federal funds*. The federal funding request in this application can represent no more than 80% of the total cost of the applicant’s proposal. For example, if an applicant requests \$1,000,000, and provides no more than the required 20% local match, he/she would be submitting a proposal totaling \$1,250,000.

- **Federal Requirements**

Applicants should keep in mind that using the STBG funds involves adherence to federal requirements, as applicable, such as the National Environmental Policy Act (NEPA), prevailing wage rates (Davis-Bacon), Buy America, competitive bidding, and other contracting requirements, regardless of whether the projects are located within the right-of-way of a Federal-aid highway.

- **Projects funded through this selection process must be located within the CORE MPO’s Metropolitan Planning Area (MPA) boundary.**

The CORE MPO - administered STBG Urban Attributable funds can only be spent within the MPO’s Metropolitan Planning Area which includes all of Chatham County, the portion of Effingham County and Bryan County located within the Savannah Urbanized Area, as well as Richmond Hill.

- **Projects, if awarded funds in FY 2023 and FY 2024, will be programmed in the CORE MPO’s FY 2021 – 2024 Transportation Improvement Program (July 1, 2020 – June 30, 2024). Awarded projects in FY 2024 will be carried over to the FY 2024 – 2027 TIP as well. FY 2025 – 2027 funds will build the prioritized waiting list for projects to be included in the FY 2024 – 2027 TIP (revisit the prioritization during TIP development).**

Once the project is programmed in the TIP and the awarded federal funding is authorized in the program year, the funds must be obligated within two years, otherwise the funds will be rescinded for use by other selected priority projects.

**Please see CORE MPO Surface Transportation Block Grant Program Manual for additional information.**

## Applicant and Project Information

### Eligible Entities

Please indicate which type of eligible entity is the primary project sponsor: (Select one.)

- Local government

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- Regional transportation authority

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- Transit agency

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- Other local or regional governmental entity with responsibility for oversight of transportation improvements that the State of Georgia determines to be eligible.

### Eligible Projects

Please indicate **all** applicable categories your proposal falls under. **Please see CORE MPO Surface Transportation Block Grant Program Manual for information on project eligibility.**

- Highway Improvements

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- Bridge Improvements

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- Transit Improvements

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- Operational/Safety Improvements

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- Bicycle / Pedestrian /Non-Motorized Improvements

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- Planning Studies

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- Other

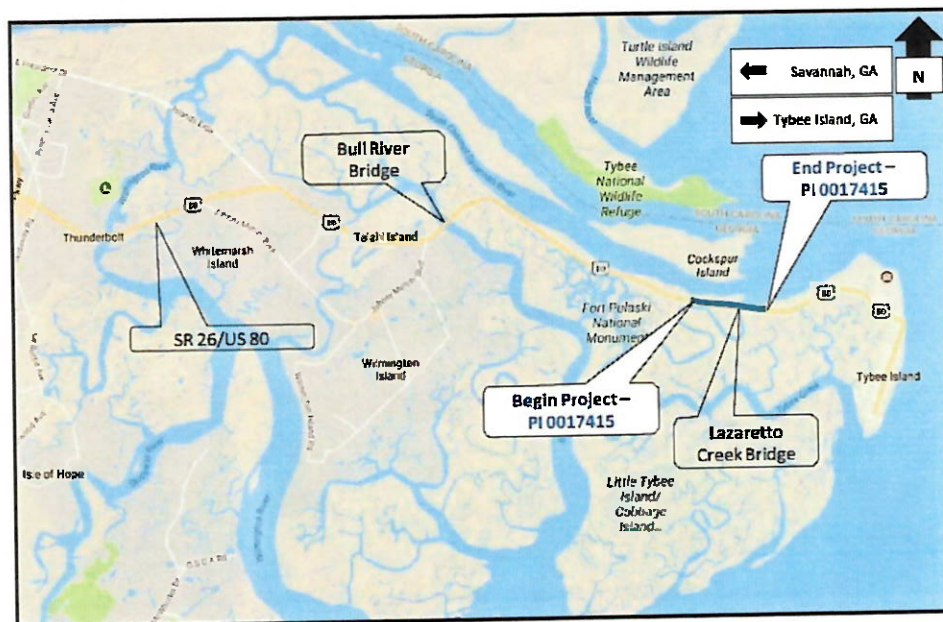
| Applicant Information                                     |  |                   |
|---|--|-------------------|
| Agency Name (i.e. agency that will manage implementation) |  | Date              |
| City of Tybee Island                                      |  | September 1, 2022 |
| Street Address  | City, State                              | Zip Code          |
| 403 Butler Avenue, P.O. BOX 2749                          | Tybee Island, GA                         | 31328             |
| Contact Person's Name                                     | Title                                    |                   |
| PETER GULBRONSON  | City Engineer/Director of Infrastructure |                   |
| Contact Person's Phone Number                             | Contact Person's Email Address           |                   |
| (912) 472-5041  | Peter.gulbranson@cityoftybee.org         |                   |
| Project Manager's Name (if awarded)                       | Title                                    |                   |
| Peter Gulbranson  | City Engineer/Director of Infrastructure |                   |

### Project Overview

Project Name

SR 26/US80 Over the Lazaretto Creek

Project Location Description: The existing SR26/ US80 roadway is a two-way, two-lane, rural highway with minimal paved outside shoulders, with a two lane, 1,445-foot bridge over the Lazaretto Creek. The project begins 0.19 miles west of the Lazaretto Creek Bridge just before Old Tybee Road. The project beginning was determined by the vertical geometry connecting the new bridge alignment to the existing SR26. The project ends 0.36 miles east of the bridge to provide horizontal and vertical connections to the existing roadway.



Bridge Replacement of SR 26/US 80 at Lazaretto Creek

|   |   |                       |
|---|---|-----------------------|
| County (or counties) in which project is located<br>Chatham County  | City (or cities), if any, in which project is located<br>City of Tybee Island |                       |
| <p><b>Proposal Description Summary</b></p> <p>PI 0017415: SR26/US80 – Improvements over the Lazaretto Creek, will replace the existing bridge over Lazaretto Creek with a two-lane bridge that includes bicycle and pedestrian improvements. The project widens the roadway from 1,000 feet west of the bridge to the tie-in location 1,921 feet east of the bridge with bikeable shoulders. The project improves travel between Savannah and Tybee Island ensuring the integrity of the SR26/US 80 bridge over Lazaretto Creek.</p> <p>See the typical sections in the attached concept report.</p> <p>The grant is for the Right of Way acquisition for this project.</p> |   |                       |
| Total Estimated Project Cost*   | Federal Y230 Funds Requested  | Local Match Available |
| \$105,000.00  | \$105,000.00  | \$21,000.00           |

*\*Please also be sure to fill out the Budget Detail Table at the end of this application.*

**Who is providing the local match?**

|                                |                                   |
|--------------------------------|-----------------------------------|
| Name of Agency or Organization | Source (e.g. particular CIP fund) |
| City of Tybee Island           | Capital Improvement Funds         |
|                                |                                   |

*Please attach a letter signed by either your governing board or an official who can commit to the stated local match.*

**Has your agency managed and completed other federal-aid transportation projects before?**

(Choose one)

- 0 completed federal-aid projects
- 1 completed federal-aid project
- 2 completed federal-aid projects
- 3 or more completed federal-aid projects

Please list as many as three federal-aid projects completed by your agency, *preferably for projects that are similar to your proposal*:

|          |                         |                           |
|----------|-------------------------|---------------------------|
| P.I. No. | Project Name            | Sponsor's Project Manager |
| 0017414  | SR26/US 80 @ Bull River | McCall                    |



|  |  |  |
|--|--|--|
|  |  |  |
|  |  |  |

**What agency will maintain the project after completion?**

Georgia Department of Transportation

**If a maintenance agreement is necessary, has it been executed? (Chose one)** Y / N / **NA**  
 If yes, please attach the agreement.

**If the completed project will generate the need for operational funds, please describe the estimated annual cost and the status and source of funding for operations.**

**Will your project require purchase(s) or easement(s) for right-of-way (Choose one)** Y / N / Maybe  
 Additional information:

THIS PROJECT WILL NEED RIGHT OF WAY ACQUISITION FOR THE NEW BRIDGE ALIGNMENT

**If other agencies or organizations are partnering with you on this application or on implementation of your proposal, please list and describe the nature and the status of any agreements (e.g. ROW donations or easements):**

| Organization #1     |               |
|---------------------|---------------|
|                     |               |
| Contact Name        | Contact Phone |
|                     |               |
| Contact Email:      |               |
| Status of Agreement |               |
|                     |               |

| Organization #2 |               |
|-----------------|---------------|
|                 |               |
| Contact Name    | Contact Phone |
|                 |               |

**Surface Transportation Block Grant Program (STBG) Fund Application, August 2022**

|                     |
|---------------------|
| Contact Email:      |
| Status of Agreement |
|                     |

| Organization #3     |               |
|---------------------|---------------|
|                     |               |
| Contact Name        | Contact Phone |
|                     |               |
| Contact Email:      |               |
| Status of Agreement |               |
|                     |               |

**If funding were available today, how much time do you estimate would be needed for any phases of your project that would be funded by this request:**

| Phase(s) to be Y230-funded | No. of Months |
|----------------------------|---------------|
| ROW Acquisition            | 24            |
|                            |               |
|                            |               |
|                            |               |
|                            |               |
|                            |               |
|                            |               |

**Please list any necessary preliminary work that already *has been completed*, and provide dates (e.g. GDOT concept approval, FHWA environmental approval or categorical exclusion, etc.):**

| Steps Completed         | Date      |
|-------------------------|-----------|
| Value Engineering       | 2/14/2017 |
| Preliminary Engineering | 4/30/2019 |
| Approved Concept Report | 12/8/2021 |
| ROW Estimate            | 6/16/2022 |
|                         |           |



**Surface Transportation Block Grant Program (STBG) Fund Application, August 2022**

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**Please describe status of any non-Y230 funded work that *still needs to be completed before the project or phase that would be funded by this request can begin* (e.g. if Y230 funds + Local Match will fund only the construction phase, what is the status and schedule for the incomplete preliminary engineering and ROW phases?).**

| Status of Steps to be carried out before Y230-funded work begins | Estimated completion date |
|--|---------------------------|
| See Attached Schedule  |                           |
|  |                           |
|  |                           |
|  |                           |
|  |                           |
|  |                           |

**In 500 words or less, please describe what public benefits and efficiencies would be provided to our area by your proposed project.** (For example, how does your project match the project ranking criteria such as freight connection, truck traffic, bridge rating, transit ridership, non-motorized connection, etc.? **(Please reference the CORE MPO Surface Transportation Block Grant Program Manual for project ranking criteria.)**

PI 0017415: SR26/US80 – Improvements over the Lazaretto Creek, will replace the existing bridge over Lazaretto Creek with a two-lane bridge that includes bicycle and pedestrian improvements. The project widens the roadway from 1,000 feet west of the bridge to the tie-in location 1,921 feet east of the bridge with bikeable shoulders. The project improves travel between Savannah and Tybee Island ensuring the integrity of the SR26/US 80 bridge over Lazaretto Creek.

The route is the only access to Tybee Island and serves as the only hurricane and emergency route.

The project is almost within the boundary of the Fort Pulaski National monument/Park.

There are proposed connections from the proposed bridge to the McQueen’s Trail, which is an existing bicycle/pedestrian trail that runs parallel to this project.

**Project Sponsor Signature**

SPONSOR

*PEIEN GULBRANDSON*

Signature (on hard copy)

*9/12/22*

Date

*PEIEN GULBRANDSON*

Print Name

*CITY ENGINEER / DIRECTOR OF INFRASTRUCTURE*

Title

Please remember:

- To fill out the Detailed Budget Table, to the extent applicable, on the following page;
- To attach a letter from your governing board or other official who can commit the agency to the stated local match.
- To attach a Project Location Map;
- To attach information showing the Basis of your Cost Estimate.



Budget Detail for Proposal

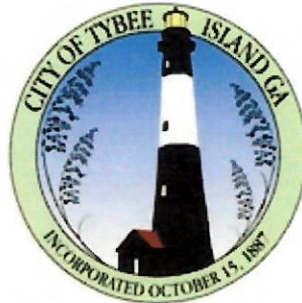
Project Name:

| Activity                        | Desired Fiscal Year for TIP Programming (GDOT Fiscal Year) * | Total Estimate  | Requested CORE MPO Y230 Federal Funds (Maximum allowed is 80% of your total eligible costs.) | Local Match (Minimum required is 20% of your total eligible costs.) | Local Match Breakdown (by source) |          |
|---------------------------------|--|---|--|---|-----------------------------------|----------|
|                                 |  |   |  |   | Amount A                          | Amount B |
| PE                              | 2017<br>2019<br>2020<br>2021                                 | \$3,104,090.00<br>\$ 500,000.00<br>\$1,000,000.00<br>\$1,000,000.00 | \$2,483,272.00<br>\$ 400,000.00<br>\$ 800,000.00<br>\$ 800,000.00                            | \$620,818.00<br>\$100,000.00<br>\$200,000.00<br>\$200,000.00        |                                   |          |
| ROW                             | 2020   | \$1,203,000.00  | \$ 962,400.00  | \$240,600.00  |                                   |          |
| Utilities                       | 2026   | \$3,400,100.00  | \$2,720,080.00   | \$680,020.00  |                                   |          |
| Construction                    | 2026   | \$73,469,150.36   | \$58,775,320.29  | \$14,693,830.07   |                                   |          |
| Other activity Specify: Scoping | 2013   | \$2,843,139.00  | \$2,274,511.20   | \$568,627.80  |                                   |          |
| Other activity Specify:         |  |   |  |   |                                   |          |
| Other activity Specify:         |  |   |  |   |                                   |          |
| <b>Total Amounts</b>            |  | \$86,519,479.36   | \$69,215,583.49  | \$17,303,895.87   |                                   |          |

Please use this area to explain whether other grants or sources (not already shown above) are dedicated either to the proposed phase or to future phases, of your project.

**MAYOR**  
Shirley Sessions

**CITY COUNCIL**  
Barry Brown, Mayor Pro Tem  
Jay Burke  
Nancy DeVetter  
Michael "Spec" Hosti  
Monty Parks  
Brian West



**CITY MANAGER**  
Dr. Shawn Gillen

**CLERK OF COUNCIL**  
Jan LeViner

**CITY ATTORNEY**  
Edward M. Hughes

## **CITY OF TYBEE ISLAND**

September 8, 2022

Zhongze (Wykoda) Wang  
Director of Transportation Administration  
Chatham County – Savannah Metropolitan Planning Commission  
110 East State Street  
Savannah, GA 31401

RE: Grant Application

Dear Wykoda:

Attached please find the Surface Transportation Block Grant (STBG) Urban Attributable (Y230) Funds Application, to be used for the Right of Way acquisition of SR26/US 80 over Lazaretto Creek, Project I.D. 0017415.

The City of Tybee Island is willing and able to commit the required twenty percent (20%) local match of the eligible costs of the proposed project. The City will also adhere to all Federal requirements as well as all funds that will be spend within the Metropolitan Planning Area.

If you have, any questions feel free to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read "Shawn Gillen", is written over a faint, larger version of the same signature.

Shawn Gillen  
City Manager, City of Tybee Island



Interoffice Memo  
Office of Design Policy & Support

**DATE:** 12/8/2021

**FILE:** P.I.# 0017415  
Chatham County / GDOT District 5 - Jesup  
SR 26/US 80 @ LAZARETTO CREEK – Bridge Replacement

**FROM:** *Dane Peters*  
for R. Christopher Rudd, PE, State Design Policy Engineer

**TO:** SEE DISTRIBUTION

**SUBJECT:** APPROVED REVISED CONCEPT REPORT

Attached is the approved Revised Concept Report for the above subject project.

Attachment

Distribution:

Hiral Patel, Director of Engineering  
Joe Carpenter, Director of P3  
Albert Shelby, Director of Program Delivery  
Clement Solomon, Director, Division of Intermodal  
Darryl VanMeter, Assistant Director of P3/State Innovative Delivery Administrator  
Matthew Markham, Deputy Director of Planning  
Kim Nesbitt, Program Delivery Administrator  
Bobby Hilliard, Program Control Administrator  
Eric Duff, State Environmental Administrator  
Donn Digamon, State Bridge Engineer  
Alan Davis, State Traffic Engineer  
Angela Robinson, Financial Management Administrator  
Erik Rohde, State Project Review Engineer  
Patrick Allen, State Materials Engineer  
Nick Fields, State Utilities Administrator  
Eric Conklin, State Transportation Data Administrator  
Attn: Systems & Classification Branch  
Benny Walden, Statewide Location Bureau Chief  
Troy Pittman, District Engineer  
Vacant, District Preconstruction Engineer  
Dallory Rozier, District Utilities Manager  
Robert Johnson, Project Manager  
BOARD MEMBER - 1st Congressional District



Georgia Department of Transportation

# Revised Project Concept Report

Project Type: Bridge Replacement P.I. Number: 0017415  
 GDOT District: 5 County: Chatham  
 Federal Route Number: 80 State Route Number: 26  
 Project Number: N/A \*\* Report updated 10-13-2021 to address review comments

Replace 1,433-foot bridge over Lazaretto Creek. New typical section to include flush median, shoulders, and a shared use path. This report supplements the originally approved Concept Report under PI 0010560 dated 08/23/17.

### Submitted for approval:

|  |                |
|--|----------------|
|  | 7/19/2021      |
| Nicole Alexander, T.Y. Lin International | Date 8/17/2021 |
| State Program Delivery Administrator     | Date 8/09/21   |
| GDOT Project Manager                     | Date           |

\* Recommendations on file -KLP

### Recommendation for approval:

|                                   |           |
|-----------------------------------|-----------|
| * Eric Duff                       | 5-10-2021 |
| State Environmental Administrator | Date      |
| * Chris Raymond                   | 6-3-2021  |
| For State Traffic Engineer        | Date      |
| * Donn Digamon                    | 5-5-2021  |
| State Bridge Engineer             | Date      |
| * Robert McCall                   | 5-14-2021 |
| District Engineer                 | Date      |

- \* Albert Shelby, Director of Program Delivery, recommended for approval on 5-3-2021
- \* Joshua Taylor, Assistant State Project Review Engineer, recommended for approval on 5-14-2021
- \* Marcela Coll, State Utilities Pre-Construction Manager, recommended for approval on 5-17-2021
- \* Alan Hood, State Airport Safety Data Program Manager, recommended for approval on 5-19-2021

- MPO Area: This project is consistent with the MPO adopted Regional Transportation Plan (RTP)/Long Range Transportation Plan (LRTP).
- Rural Area: This project is consistent with the goals outlined in the Statewide Transportation Plan (SWTP) and/or is included in the State Transportation Improvement Program (STIP).

|   |           |
|---|-----------|
| * Matt Markham, Director of Planning        | 6-16-2021 |
| State Transportation Planning Administrator | Date      |



## PLANNING, APPROVED CONCEPT, AND BACKGROUND

**Prepared By:** T.Y. Lin International      **Date:** 10/7/20201 - Revised

**Project Justification Statement:** Between Talahi Island and Tybee Island, SR 26/US 80 is a two-way, two-lane, rural highway with intermittent passing lanes. SR 26 is the only connection between Tybee Island and the mainland. SR 26 is designated as a hurricane evacuation route on the Georgia Hurricane Plan. The route is also designated as a future bikeway according to the Metropolitan Planning Organization's Long-Range Plan. Bridge replacement and roadway improvements have been studied for more than 15 years.

Most recently, the Coastal Region Metropolitan Planning Organization (CORE MPO) prepared the SR 26/US 80 Bridges Replacement Study funded by a grant from the American Recovery and Reinvestment Act. The study concluded that travel between Tybee Island and the mainland is limited on the Bull River Bridge and the Lazaretto Creek Bridge (4.8 miles east of Bull River), especially for alternative transportation modes. These limitations are a challenge during peak tourism season, special events, and traffic incidents on SR 26. The Lazaretto Creek Bridge has a sufficiency rating of ~~41.40~~ which indicates that it is structurally deficient and eligible for replacement.

This project will address the bridge's geometric and structural deficiencies. The project begins 0.19 miles west of the Lazaretto Creek Bridge just before Old Tybee Road. The project beginning was determined by the vertical geometry connecting the new bridge alignment to the existing SR 26. The project ends 0.36 miles east of the bridge to provide proper horizontal and vertical connections to the existing roadway. The shared-use path limits are the same as the original concept.

The project's major performance goals are to improve mobility, reduce crashes, and to correct geometric and structural deficiencies. A secondary benefit may be reduced vehicular traffic by providing a shared-use path for alternative transportation modes.

**Existing conditions:** The existing SR 26/US 80 roadway is a two-way, two-lane, rural highway with minimal paved outside shoulders with a two-lane 1,445-foot bridge over Lazaretto Creek. The corridor serves as the only roadway connection between Tybee Island and the mainland. The bridge has a low sufficiency rating of 41.40 and is functionally obsolete as there are no shoulders on the bridge and no sidewalks on the bridge nor the abutting roadway. The only major intersection within the project limits is at Old U.S. Hwy 80 approximately 1,400 feet east of the bridge.

**Description of the approved concept:** The Lazaretto Creek Bridge project is a portion of the original bridge replacements and roadway improvements under PI# 0010560. The original project ended at the same location and included roadway improvements on the SR 26 causeway and the Bull River Bridge replacement. This project length is 0.88 miles and is in Chatham County 9 miles east of Savannah and 5 miles west of Tybee Island. Lazaretto Creek Bridge layout is intended to minimize impacts to the marsh areas around the river and avoid sensitive species such as oysters.

**Federal Oversight:**     PoDI             Exempt             State Funded             Other

**(Approved Concept Report) Projected Traffic:**

24 HR T: 4 %            Open Year (2021): 14,700            Design Year (2041): 21,500

**Updated Traffic:**

24 HR T: 5.5 %            Open Year (2025): 17,800            Design Year (2045): 21,700

Updated Traffic Projections Performed by: GDOT 6/11/2018

**AASHTO Functional Classification (Mainline):** *Principal Arterial*

**AASHTO Context Classification (Mainline):** Rural

**AASHTO Project Type (Mainline):** Reconstruction

**VE Study anticipated:**     No             Yes             Completed 5/9/2017

## PROPOSED REVISIONS

| Approved Features:   | Proposed Features:  |
|--|---|
| The Lazaretto Creek Bridge project is a portion of the original bridge replacements and roadway improvements under PI# 0010650. The original project proposed roadway improvements on SR 26 causeway and Lazaretto Creek bridge and Bull River bridge replacement. This project initiates from just west of the Lazaretto Creek Bridge while maintaining the same end termini as the original project. The total project length is 0.88 miles and is in Chatham County 9 miles east of Savannah and 5 miles west of Tybee Island. Lazaretto Creek Bridge layout is intended to minimize impacts to the marsh areas around the river and avoid sensitive species such as oysters. | The project replaces the bridge at Lazaretto Creek with a two-lane bridge that includes bicycle and pedestrian improvements. The project widens the roadway from 1,000 feet west of the bridge to the tie-in location 1,921 feet east of the bridge with bikeable shoulders. The project beginning termini was modified to just west of the Lazaretto Creek Bridge and the end point is the same. The total project length is 0.9 miles. The project improves travel between Savannah and Tybee Island ensuring the integrity of the SR 26/US 80 bridge over Lazaretto Creek. |
| <b>Reason(s) for change:</b> The original project was split into three units, 0017414 Bull River Bridge Replacement, 0017415 Lazaretto Creek Bridge Replacement and 0017416, Causeway Widening. This project is the east segment of the original project replacing the bridge over Lazaretto Creek.  |   |

**Design Exceptions and/or Variances needed:** N/A.

*Variance for raised median width for 20 foot median within zone where design speed over 45 mph needs to be determined - Design Team will need to investigate*

## ENVIRONMENTAL AND PERMITS

**Potential environmental impacts of proposed revision:** Environmental effects are the same is listed in the original concept report.

**Have proposed revisions been reviewed by environmental staff?**  No  Yes

**Environmental responsibilities (Studies/Documents/Permits):** Consultant is responsible for performing the environmental work.

### Air Quality:

Is the project located in an Ozone Non-attainment area?  No  Yes

Is a Carbon Monoxide hotspot analysis required?  No  Yes

**Water Quality & MS4:** MS4 requirements of the original concept report will be followed.

**NEPA/GEPA:** Environmental documents were in process under the original project and will be finalized under the new individual projects. This project will follow GEPA since it is state funded.

**Public Involvement:** A Public Involvement Plan was drafted by Adrian Collaborative in April 2015. This plan highlighted the processes for public involvement, including a combination of public notices, open house format meetings, and other outreach tools to be developed and used throughout the study process. A Public Information Open House (PIOH) conducted by GDOT was held at Tybee Island City Hall on November 17, 2015. Stakeholder coordination has been ongoing during the studies and design. An additional Public Information Open House (PIOH) conducted by GDOT on April 30, 2019. Additional PIOH is anticipated concurrent with PI 0017414 to inform public and stakeholders of separate projects and new schedules.

### PROJECT COST AND ADDITIONAL INFORMATION

|                            | PE Activities |                        | ROW        | Reimbursable Utilities | CST*         | Total Cost   |
|----------------------------|---------------|------------------------|------------|------------------------|--------------|--------------|
|                            | PE Funding    | Section 404 Mitigation |            |                        |              |              |
| Date of Estimate: 06/02/20 | \$50,810      | \$0                    | \$120,300  | \$0                    | \$20,798,854 | \$20,969,964 |
| Funded By:                 | GDOT          | GDOT                   | GDOT       | GDOT                   | GDOT         |              |
| Programmed Cost:           | \$50,810      | \$0                    | \$120,300  | \$0                    | \$20,798,854 | \$20,969,964 |
| Estimated Cost:            | \$50,810      | \$0                    | \$92,000   | \$0                    | \$23,428,387 | \$23,571,197 |
| Total Cost Difference:     | \$0           | \$0                    | (\$28,300) | \$0                    | \$2,629,533  | \$2,601,233  |

\*CST Cost includes: Construction, Engineering and Inspection, Contingencies and Liquid AC Cost Adjustment.


**Recommendation:** Recommend that the proposed revision to the concept be approved for implementation.

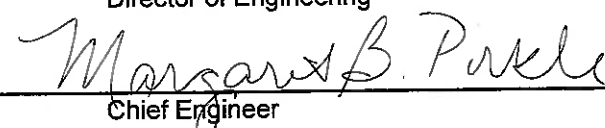
**Comments:**

**Attachments:**

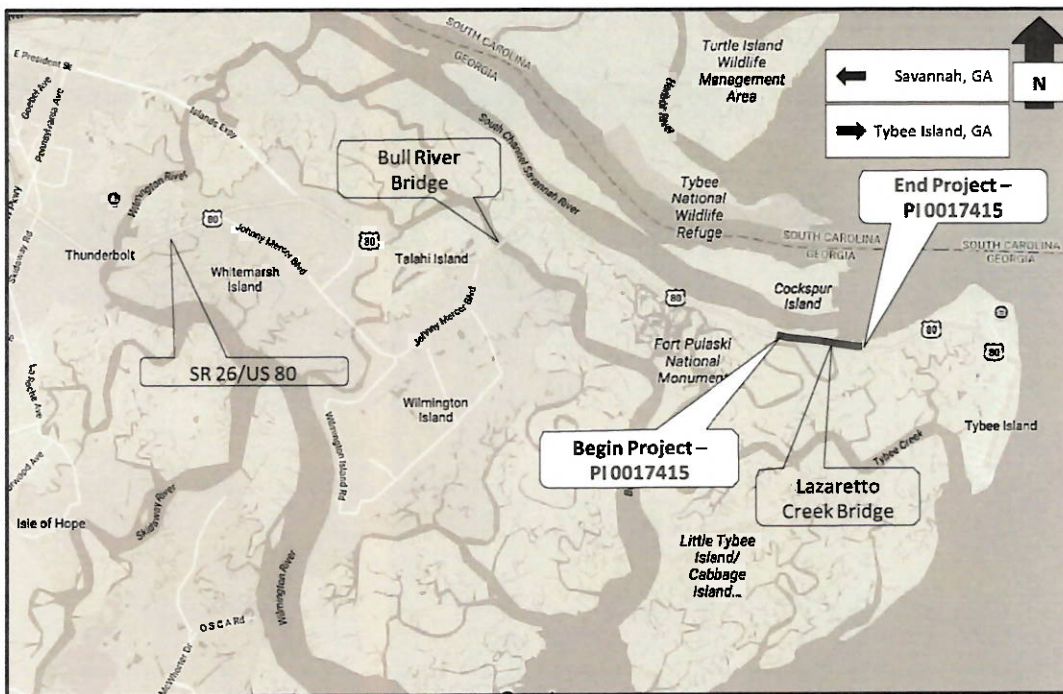
1. Project Location Map
2. Concept Layout(s)
3. Typical sections
4. Detailed Cost Estimate(s)
  - a. Construction including Engineering and Inspection and Contingencies
  - b. Revisions to Programmed Costs forms, & Liquid AC Cost Adjustment forms
  - c. Utilities
  - d. Right of Way
5. Concept Utility Report

### APPROVALS

Concur:  11/24/2021  
 Director of Engineering Date

Approve:  12/8/2021  
 Chief Engineer Date

# PROJECT LOCATION MAP



Bridge Replacement of SR 26/US 80 at Lazaretto Creek



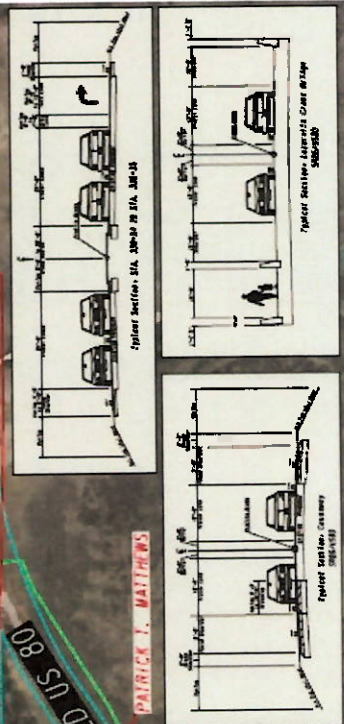
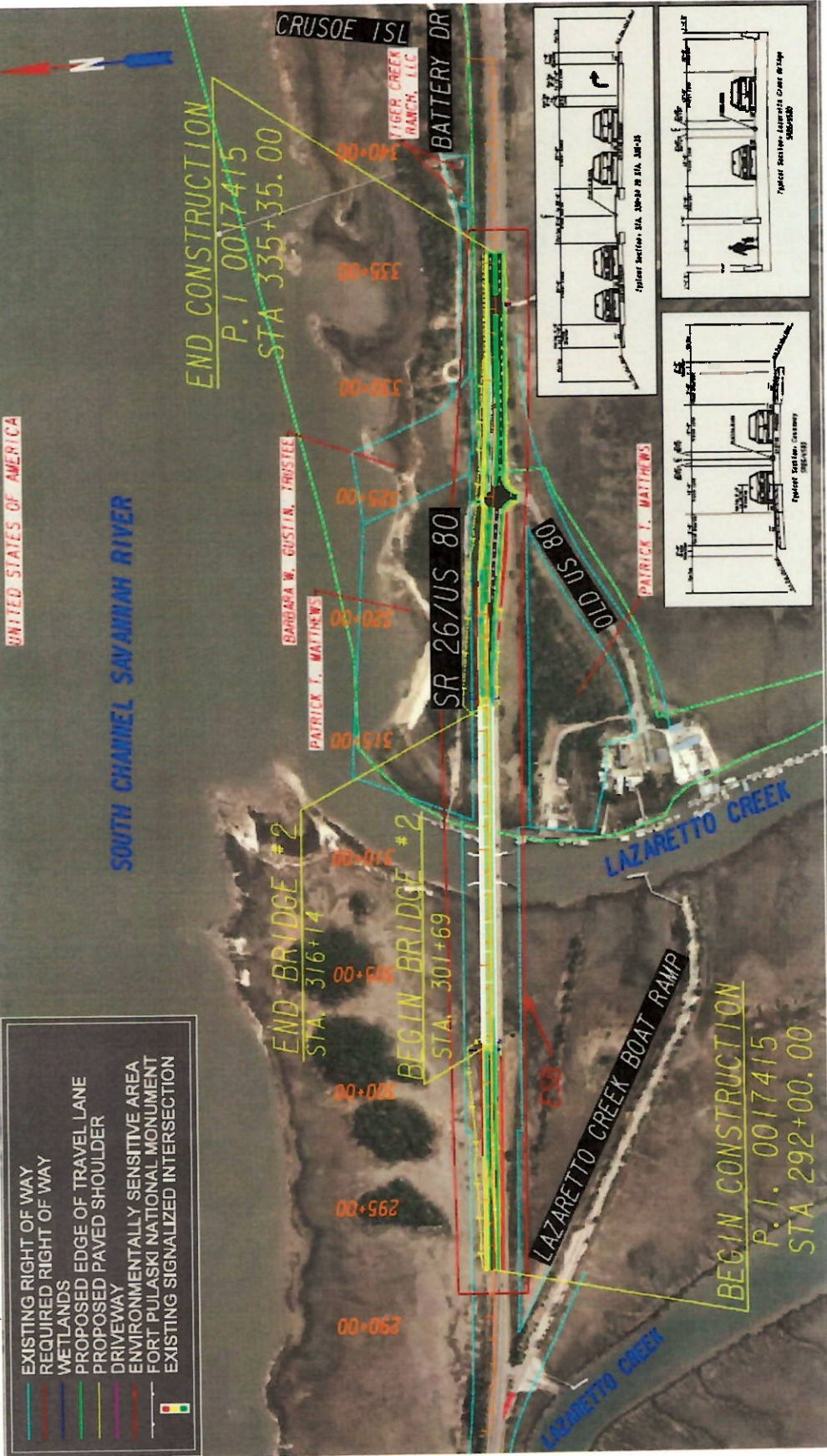
PIG DISPLAY  
P.I. NO.  
00017415

# SR 26/US 80 OVER LAZARETTO CREEK - CHATHAM COUNTY

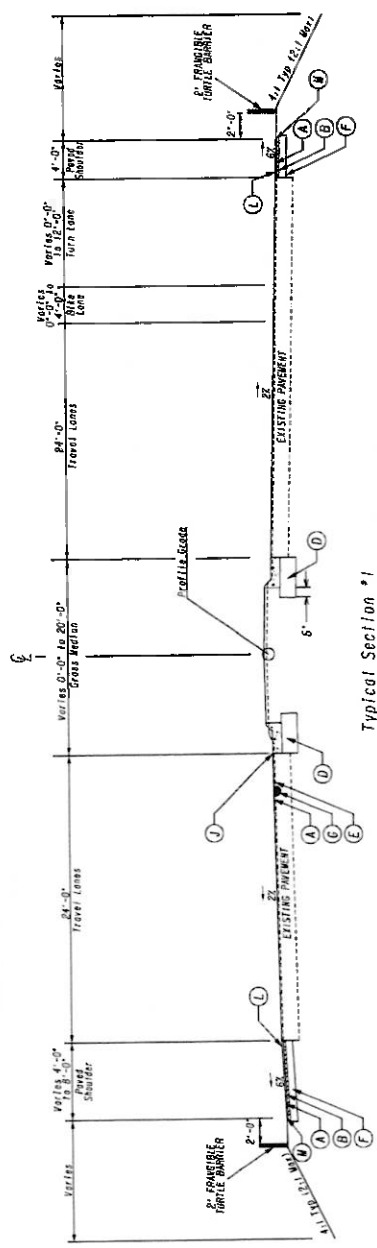
- EXISTING RIGHT OF WAY
- REQUIRED RIGHT OF WAY
- WETLANDS
- PROPOSED EDGE OF TRAVEL LANE
- PROPOSED PAVED SHOULDER
- DRIVEWAY
- ENVIRONMENTALLY SENSITIVE AREA
- FORT PULASKI NATIONAL MONUMENT
- EXISTING SIGNALIZED INTERSECTION

UNITED STATES OF AMERICA

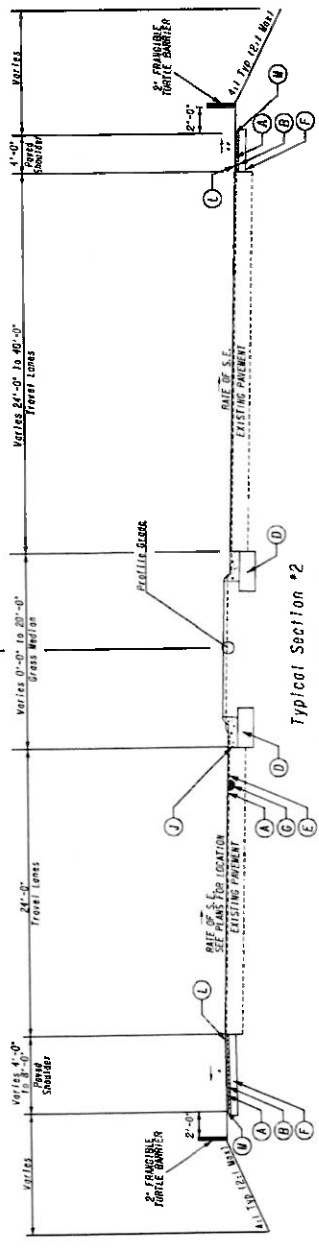
SOUTH CHANNEL SAVANNAH RIVER



PRELIMINARY



Typical Section #1  
SR26/US80  
Sta. 330+84.27 to 335+35.00



Typical Section #2  
SUPERELEVATED SECTION  
SR26/US80

- NOTES:**
1. See roadway plans for super-elevation rates and transitions.
  2. See roadway plans for location of guardrail.
  3. Shoulder may be graded away from roadway to facilitate the slope tie to existing ground.

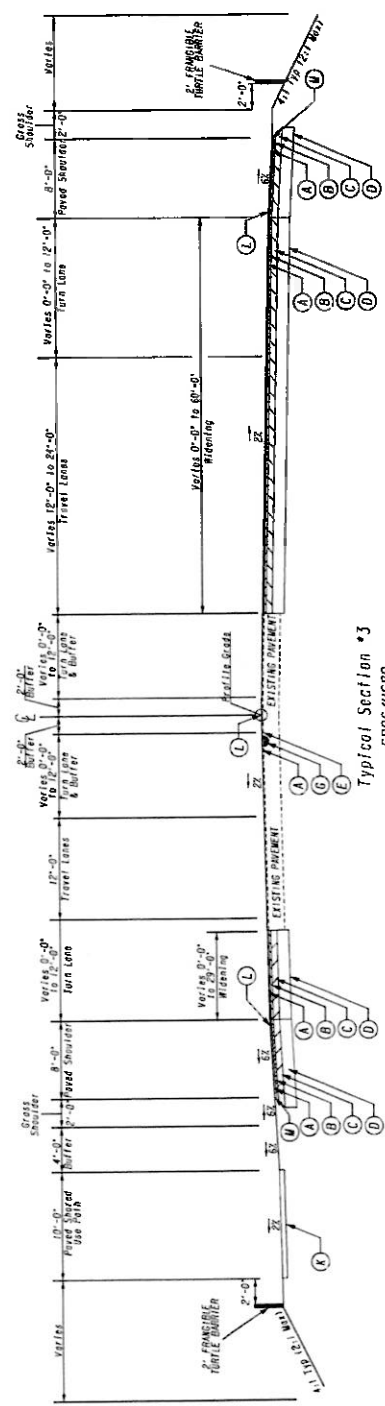
- REQUIRED MATERIALS:**
1. RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM WATL & H LINE 165 LBS/50 YD
  2. RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM WATL & H LINE, 220 LBS/50 YD
  3. RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM WATL & H LINE, 410 LBS/50 YD
  4. GP ASPH BASE CRS, 1.5 INCH, INCL WATL
  5. RECYCLED ASPH CONC LEVELING, INCL BITUM WATL & H LINE - AS DIRECTED BY ENGINEER
  6. GP ASPH BASE CRS, 6 INCH, INCL WATL
  7. RECYCLED ASPH CONC PATCHING, INCL BITUM WATL & H LINE - AS DIRECTED BY ENGINEER
  8. CONCRETE CURB & GUTTER, 8 IN X 30 IN, 1 FT
  9. CONCRETE BEARING, 4 IN
  10. CONCRETE CURB & GUTTER, 8 IN X 30 IN, 1 FT
  11. CONCRETE SIDEWALK, 5 IN
  12. INCENTIVATION NUMBER STRIPS - GROUND-IN-PLACE (SKIP)
  13. Asphalt Pavement Treatment (APT)

- \* SHOULDER TO SLOPE AT NORMAL RATE, HOWEVER, THE ALGEBRAIC DIFFERENCE IN FINING SLOPE AND MINIMUM SLOPE SHALL NOT EXCEED 0.2.
- \*\* SHOULDER TO SLOPE AT NORMAL RATE OR SUPERELEVATION RATE, WHICHEVER IS GREATER.

| SLOPE | CONTROLS |
|-------|----------|
| 4:1   | CUT      |
| 2:1   | FILL     |
| 2:1   | ALL      |
| 2:1   | OVER 10' |

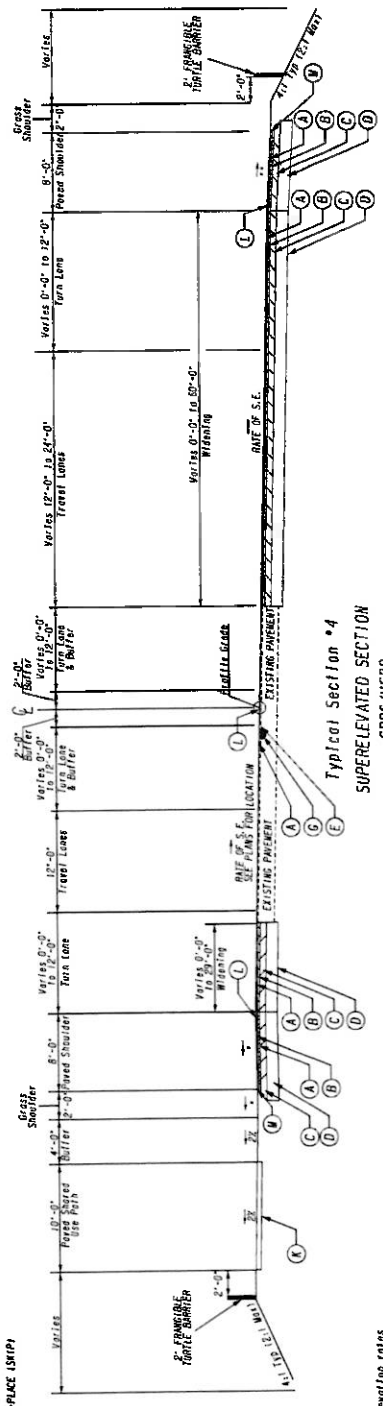
|   |                         |                     |   |
|---|-------------------------|---------------------|---|
|   | <b>PROGRAM DELIVERY</b> | <b>NOT TO SCALE</b> | REVISION DATES  |
|   |                         |                     | TYPICAL SECTIONS<br>SR 26 / US 80 AT<br>LAZARETTO CREEK |
| P.M. IN THE FIELD<br>200 PEACHTREE STREET, SUITE 800<br>ATLANTA, GEORGIA 30301<br>PHONE: (404) 841-7880 FAX: (404) 841-7887 |                         | 05-0001             |   |





Typical Section \*3  
SR26/US80  
Sta. 290+00.00 to 301+69.00  
Sta. 316+44.00 to 320+50.00

- REQUIRED PAVEMENT**
- 1. RECYCLED ASPH CONC 12.5 IN SUPERPAVE, SP 1 OR 2, INCL BITUM WATL & H LINE 165 LBS/50 YD
  - 2. RECYCLED ASPH CONC 19 IN SUPERPAVE, SP 1 OR 2, INCL BITUM WATL & H LINE, 260 LBS/50 YD
  - 3. RECYCLED ASPH CONC 25 IN SUPERPAVE, SP 1 OR 2, INCL BITUM WATL & H LINE, 440 LBS/50 YD
  - 4. OR ASPH BASE CRS, 12 INCH, INCL WATL
  - 5. RECYCLED ASPH CONC LEVELING, INCL BITUM WATL & H LINE - AS DIRECTED BY ENGINEER
  - 6. OR ASPH BASE CRS, 6 INCH, INCL WATL
  - 7. RECYCLED ASPH CONC PATCHING, INCL BITUM WATL & H LINE - AS DIRECTED BY ENGINEER
  - 8. CONCRETE MEDIUM, 6 IN (LOWELED)
  - 9. CONCRETE MEDIUM, 4 IN
  - 10. CONCRETE CURB & GUTTER, 8 IN X 30 IN, IPT
  - 11. CONCRETE STORERACK, 6 IN
  - 12. HYDRATION PUMBLE STRIPS - GROUND-IN-PLACE (SKIP)
  - 13. Asphalt Pavement Treatment (APT)



Typical Section \*4  
SUPERELEVATED SECTION  
SR26/US80

- NOTES:**
1. See roadway plans for superelevation rates and transitions.
  2. See roadway plans for location of curbside.
  3. Shoulder may be graded away from roadway to facilitate the slope life to existing ground.

| SLOPE CONTROLS |              |
|----------------|--------------|
| SLOPE          | FILL         |
| 4:1            | 0:10:1       |
| 2:1            | ALL OVER 10' |

\* SHOULDER TO SLOPE AT NORMAL RATE, HOWEVER THE ALGEBRAIC DIFFERENCE IN PAVING SLOPE AND SHOULDER SLOPE SHALL NOT EXCEED 8%.

\*\* MINIMUM SHOULDER SLOPE TO BE 2%.

\*\*\* SHOULDER TO SLOPE AT NORMAL RATE OR SUPERELEVATION RATE, WHICHEVER IS GREATER.

**PROGRAM DELIVERY**

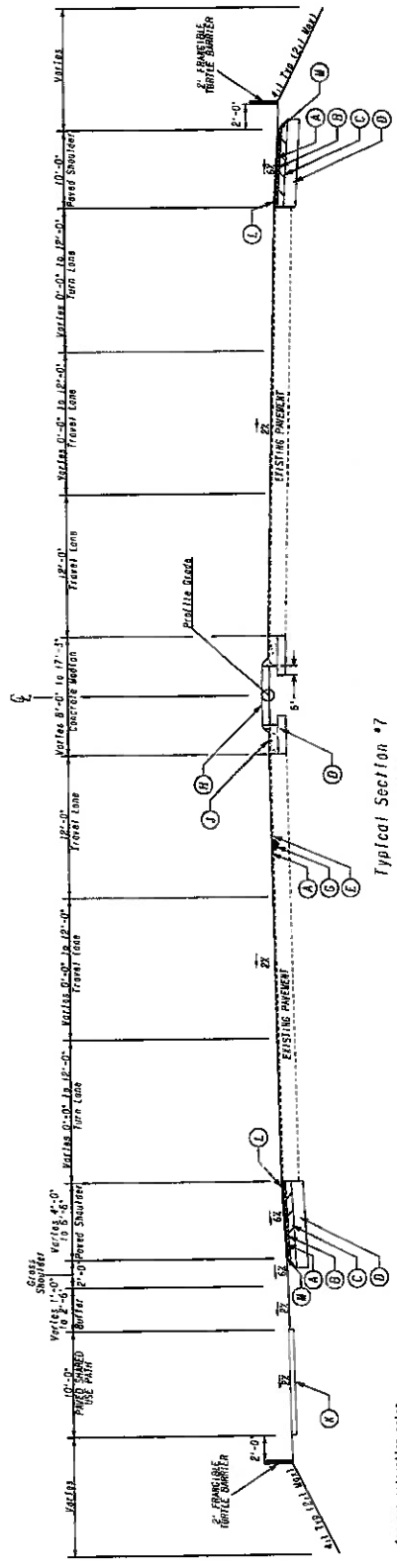
**TYPICAL SECTIONS**  
SR 26 / US 80 AT LAZARETTO CREEK

200 PEACHTREE STREET, SUITE 900  
ATLANTA, GEORGIA 30309  
PHONE: (404) 841-2888 FAX: (404) 841-2887

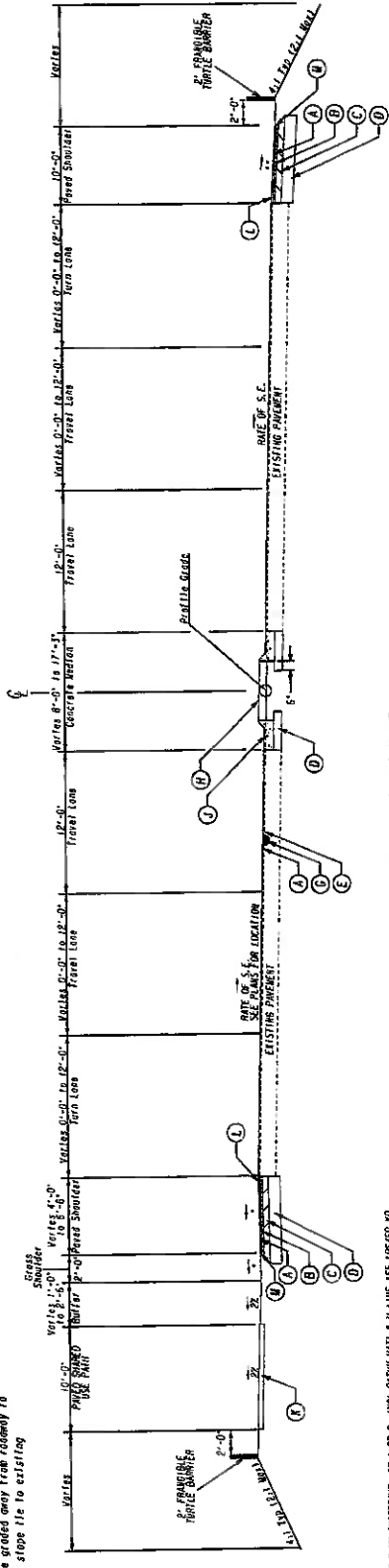
NOT TO SCALE

05-0002





Typical Section \*7  
SR26/US80  
SID. 329+80.00 TO 330+84.27



Typical Section \*8  
SR26/US80  
SUPERELEVATED SECTION

- NOTES:**
1. See roadway plans for super-elevation rates and transitions.
  2. See roadway plans for location of centerline.
  3. Shoulder may be graded away from roadway to facilitate the slope tie to existing ground.

- REQUIRED MATERIAL:**
1. RECYCLED ASPH CONC. 2.5 IN SUPERPAVE, SP 1 OR 2, INCL BITUM MATT & H LIME 165 LBS/50 YD
  2. RECYCLED ASPH CONC. 1.5 IN SUPERPAVE, SP 1 OR 2, INCL BITUM MATT & H LIME, 220 LBS/50 YD
  3. RECYCLED ASPH CONC. 0.5 IN SUPERPAVE, SP 1 OR 2, INCL BITUM MATT & H LIME, 440 LBS/50 YD
  4. GR ASPR BASE CRS, 12 INCH, INCL MATT
  5. RECYCLED ASPH CONC. LEVELING, INCL BITUM MATT & H LIME - AS DIRECTED BY ENGINEER
  6. GR ASPR BASE CRS, 6 INCH, INCL MATT
  7. RECYCLED ASPH CONC. PATCHING, INCL BITUM MATT & H LIME - AS DIRECTED BY ENGINEER
  8. CONCRETE MEDIAN, 6 IN CORNELOS
  9. CONCRETE MEDIAN, 4 IN
  10. CONCRETE CURB & GUTTER, 8 IN X 30 IN, 177
  11. CONCRETE SLOTTED, 8 IN
  12. INTERLOCKING RIBBLE STRIPS - GRASS-IN-PLACE (SIPP)
  13. Asphalt Pavement Treatment (PT)

- \* SHOULDER TO SLOPE AT NORMAL RATE, HOWEVER, THE ALGEBRAIC DIFFERENCE IN FINISH SLOPE AND SHOULDER SLOPE SHALL NOT EXCEED 0.1% WITHIN SHOULDER SLOPE TO BE 2%.**
- \*\* SHOULDER TO SLOPE AT NORMAL RATE OR SUPERELEVATION RATE, WHICHEVER IS GREATER.**

| SLOPE | CONTROLS |      |      |       |
|-------|----------|------|------|-------|
|       | CUT      | FILL | OVER | UNDER |
| SH    |          |      |      |       |
| TH    |          |      |      |       |
| ALL   |          |      |      |       |

**PROGRAM DELIVERY**

**TYPICAL SECTIONS**  
SR 26 / US 80 AT LAZARETTO CREEK

280 PEACOCK STREET, SUITE 900  
ALBANY, GEORGIA 31706  
PHONE: (404) 841-7888 FAX: (404) 841-7887

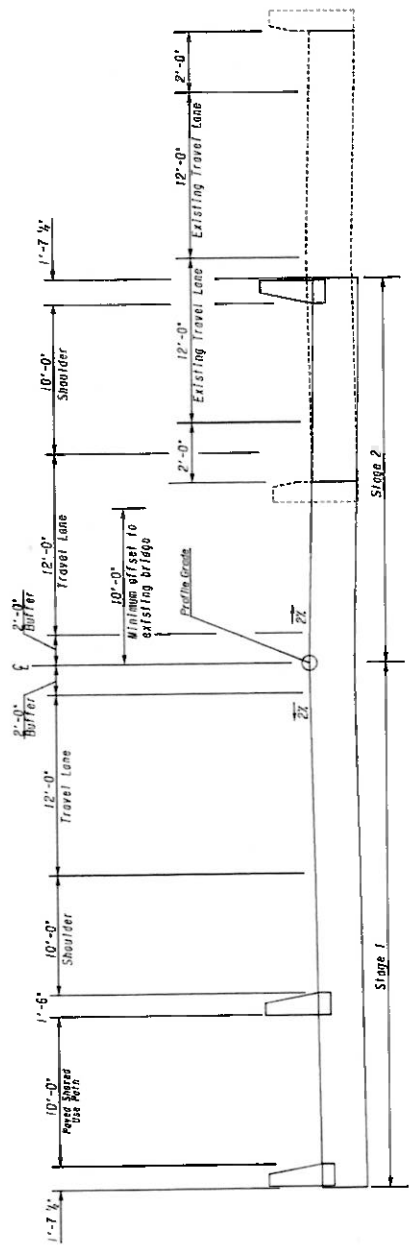
NOT TO SCALE

REVISION DATES

05-0004

# STAGED CONSTRUCTION ON NORTH SIDE

Stage 1: Construct bridge left of centerline with traffic on exist bridge.  
 Stage 2: Shift traffic to new bridge, remove old bridge, and construct right side of new bridge.

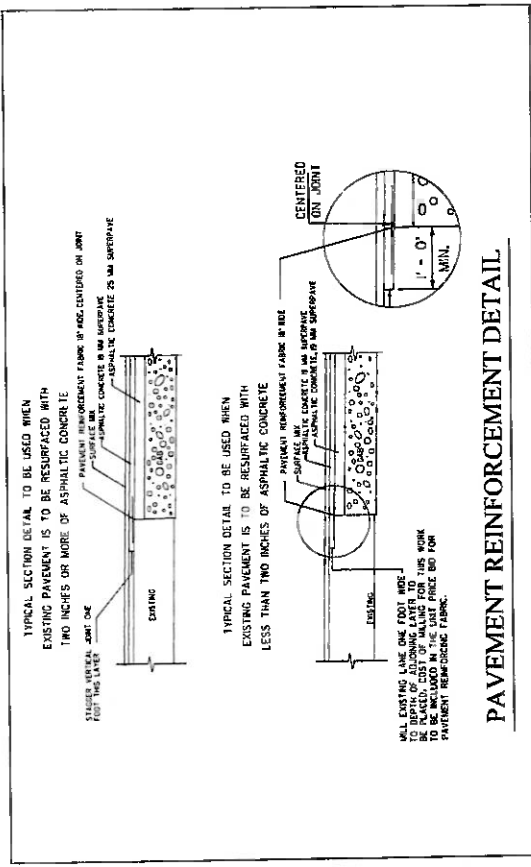


Typical Section #9  
 SR26/US80  
 Sta. 301+69.00 to 316+14.00  
 Lazaretto Creek Bridge

- NOTES:
1. See roadway plans for super-elevation rates and transitions.
  2. See roadway plans for location of guardrail.

|  |                         |  |                                   |                                   |   |
|--|-------------------------|--|-----------------------------------|-----------------------------------|---|
|  | <b>PROGRAM DELIVERY</b> | <b>TYLIN ENGINEERING</b><br>280 PEACHTREE STREET, SUITE 800<br>ATLANTA, GEORGIA 30309<br>PHONE: (404) 841-7888 FAX: (404) 841-7887 | <b>REVISION DATES</b>             |                                   | <b>BRIDGE TYPICAL SECTIONS</b><br>SR 26 / US 80 AT<br>LAZARETTO CREEK |
|  |                         |  | DATE<br>BY<br>CHECKED<br>APPROVED | DATE<br>BY<br>CHECKED<br>APPROVED |   |

NOT TO SCALE

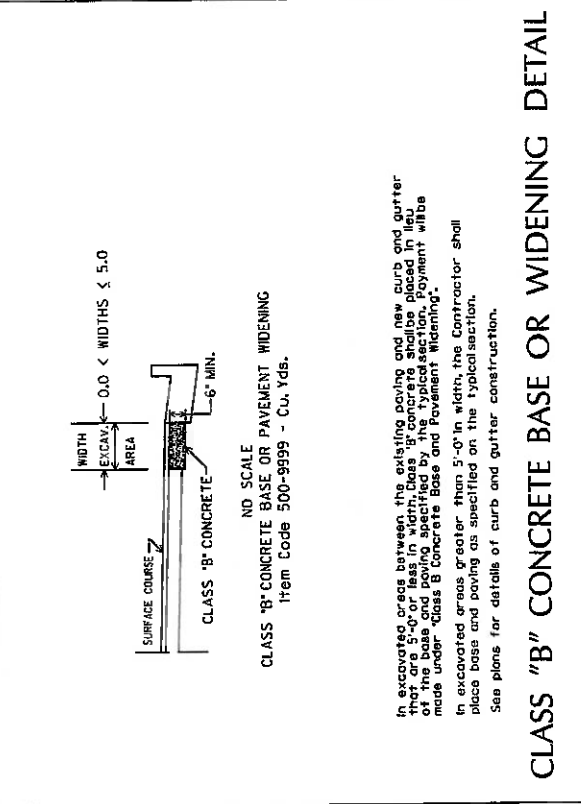


**PAVEMENT REINFORCEMENT DETAIL**

TYPICAL SECTION DETAIL TO BE USED WHEN EXISTING PAVEMENT IS TO BE RESURFACED WITH TWO INCHES OR MORE OF ASPHALTIC CONCRETE

TYPICAL SECTION DETAIL TO BE USED WHEN EXISTING PAVEMENT IS TO BE RESURFACED WITH LESS THAN TWO INCHES OF ASPHALTIC CONCRETE

WALL EXISTING LINE ONE FOOT WIDE. SHALL BE PLACED. COST OF WALLING FOR THIS WORK TO BE INCLUDED IN THE UNIT PRICE BID FOR PAVEMENT REINFORCEMENT FABRIC.

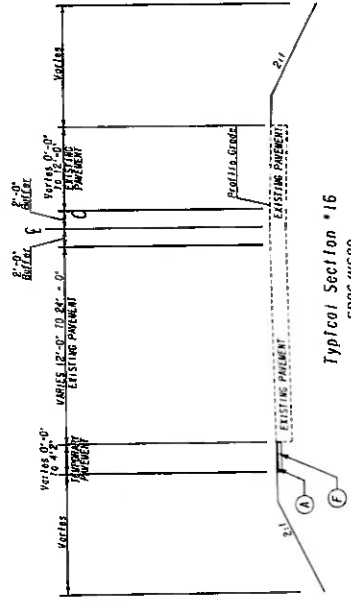


NO SCALE  
CLASS "B" CONCRETE BASE OR PAVEMENT WIDENING  
Item Code 500-9999 - Cu. Yds.

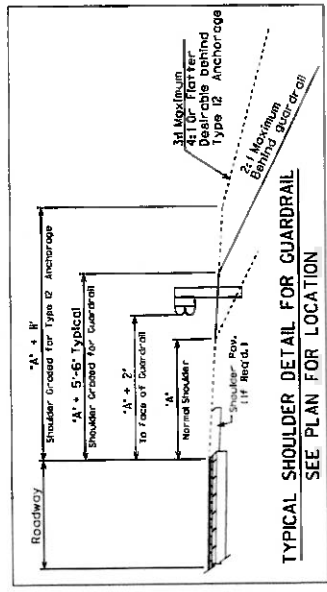
In excavated areas between the existing paving and new curb and gutter, the concrete base shall be placed in layers and placed under Class B Concrete Base and Pavement Widening. In excavated areas greater than 5'-0" in width, the Contractor shall place base and paving as specified on the typical section. See plans for details of curb and gutter construction.

**CLASS "B" CONCRETE BASE OR WIDENING DETAIL**

- REQUIRED PAVEMENT:**
- ① RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LINE 665 LBS/50 TO
  - ② RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LINE, 220 LBS/50 TO
  - ③ RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LINE, 440 LBS/50 TO
  - ④ GR ASFR BASE PPS, 12 INCH, INCL MATL
  - ⑤ RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LINE - AS DIRECTED BY ENGINEER
  - ⑥ GR ASFR BASE PPS, 6 INCH, INCL MATL
  - ⑦ RECYCLED ASPH CONC PATCHING, INCL BITUM MATL & H LINE - AS DIRECTED BY ENGINEER
  - ⑧ CONCRETE MEDIAN, 6 IN (ORANGE)
  - ⑨ CONCRETE CURB & GUTTER, 8 IN X 30 IN, TPT
  - ⑩ CONCRETE SUBBASE, 6 IN
  - ⑪ IMBEDDATION RUBBLE STRIPS - GROUND-IN-PLACE (SKIP)



Typical Section #16  
SR26/US80  
STAGING TYPICAL SECTION  
SEE SECTION 19 FOR LOCATIONS



TYPICAL SHOULDER DETAIL FOR GUARDRAIL  
SEE PLAN FOR LOCATION

|  |                                |                     |   |
|--|--------------------------------|---------------------|---|
|  | <p><b>PROGRAM DELIVERY</b></p> | <p>NOT TO SCALE</p> | <p>REVISION DATES</p>   |
|  |                                |                     | <p>TYPICAL SECTIONS</p> <p>SR 26 / US 80 AT LAZARETTO CREEK</p> |
| <p>TYLON ENGINEERING</p> <p>280 PEACHTREE STREET, SUITE 800<br/>ATLANTA, GEORGIA 30335<br/>PHONE: (404) 841-7888 FAX: (404) 841-7887</p> | <p>05-0006</p>                 | <p>DATE</p>         | <p>BY</p>   |

**FILE**

|           |                  |                     |                               |
|-----------|------------------|---------------------|-------------------------------|
| PI NUMBER | 0017415          | PROJECT DESCRIPTION | SR 26/US 80 @ LAZARETTO CREEK |
| OFFICE    | Program Delivery |                     |                               |
| DATE      | July 21 2021     |                     |                               |

**From:** Kimberly Nesbitt, State Program Delivery Administrator

**To:** Erik Rohde, P.E., State Project Review Engineer  
via email Mailbox: [CostEstimatesandUpdates@dot.ga.gov](mailto:CostEstimatesandUpdates@dot.ga.gov)

**Subject:** REVISIONS TO PROGRAMMED COSTS

|                                      |                |
|--------------------------------------|----------------|
| <b>Project Manager:</b>              | Robert Johnson |
| <b>Management Let Date:</b>          | 5/15/2023      |
| <b>Management Right of Way Date:</b> | 1/15/2022      |

**Cost Estimate Review Iteration**

|                      |            |
|----------------------|------------|
| Date of Submittal #1 | 07/19/2021 |
| Date of Submittal #2 |            |
| Date of Submittal #3 |            |

**Summary of Programmed Costs and Proposed Revised Costs:**

| Estimate Type | Cost Estimate Amounts<br>(T-Pro Without Inflation) | Last Estimate Date | Revised Cost Estimate |
|---------------|--|--------------------|-----------------------|
| CONSTRUCTION  | \$20,798,854.00                                    | 10/08/2020         | \$23,428,386.65       |
| RIGHT OF WAY  | \$120,300.00                                       | 10/08/2020         |                       |
| UTILITIES     | \$1,980,000.00                                     | 01/07/2020         |                       |

**Explanation for Cost Change and Contingency Justification:**

The original project, PI 0010560, has been split into 3 projects. The revised concept is being submitted to reflect the new costs. The project is currently in preliminary plans phase preparing for PFPR. Cost estimate recalculated for updated unit costs and asphalt fuel price adjustment. Contingency of 7% included per GDOT Policy 3A-9. Proposed right of way and utility impacts consistent with last year's estimate so no new ROW or UTL estimate requested from District offices.

**Attachments:**

Design Phase Leader QC/QA Validation, Cost Estimate Worksheet, & AASHTOWare Cost Estimate Report

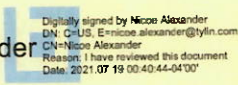


**Design Phase Leader Validation of Final QC/QA for Construction Cost Estimate Used In This Revision to Programmed Costs:**

|   |                      |
|---|----------------------|
| Consultant Company or GDOT Design Office: | TY Lin International |
|---|----------------------|

|               |                 |
|---------------|-----------------|
| Printed Name: | Nicoe Alexander |
|---------------|-----------------|

|        |                     |
|--------|---------------------|
| Title: | Sr. Project Manager |
|--------|---------------------|

|            |   |
|------------|---|
| Signature: |  <p>Nicoe Alexander</p> |
|------------|---|

|       |           |
|-------|-----------|
| Date: | 7/19/2021 |
|-------|-----------|

**FOR PROJECTS WITH A LOCAL SPONSOR**

If the project has a local sponsor, the project manager should ensure that the local authority completes the following validation indicating that it has reviewed the construction cost estimate and whether it is in concurrence with the construction costs presented.

- Please select the appropriate validation below upon review of the cost estimate:
- I acknowledge that I have reviewed the project construction cost estimate and concur with the costs presented.
  - I acknowledge that I have reviewed the project construction cost estimate but do not concur with the costs presented.

|  |  |
|--|--|
| Please provide an explanation for non-concurrence. |  |
|--|--|

|                                 |  |
|---------------------------------|--|
| Local Authority Name and Title: |  |
|---------------------------------|--|

|                            |  |
|----------------------------|--|
| Local Authority Signature: |  |
|----------------------------|--|

|       |  |
|-------|--|
| Date: |  |
|-------|--|





## Project Cost Estimate

**Concept Name: 0017415 Cost Estimate Name: 0017415\_CR**

### Projects Cost Estimate

Processed on: Jul-19-2021 08:54 AM

**CONCEPT NAME: 0017415 COST ESTIMATE NAME: 0017415\_CR**  
**SPEC YEAR: 21**  
**ITEM HISTORY: BHP-ALL - Statewide - 24 months**  
**DESCRIPTION: SR 26/US 80 @ Lazaretto Creek**  
**ESTIMATE PHASE: 2-DE - Designers Estimate**

#### ITEMS FOR CONCEPT NAME 0017415

#### 0100 - Roadway

| Line Number          | Item     | Quantity | Units | Price          | Description   | Amount                |
|----------------------|----------|----------|-------|----------------|---|-----------------------|
| 5                    | 150-1000 | 1.00     | LS    | \$1,500,000.00 | TRAFFIC CONTROL - PI 0017415  | \$1,500,000.00        |
| 10                   | 153-1300 | 1.00     | EA    | \$86,388.03    | FIELD ENGINEERS OFFICE TP 3   | \$86,388.03           |
| 15                   | 163-0001 | 1.00     | LS    | \$1,000,000.00 | EROSION CONTROL, NON-REFUNDABLE DEDUCTIONS PI 0017415                     | \$1,000,000.00        |
| 20                   | 210-0100 | 1.00     | LS    | \$954,123.00   | GRADING COMPLETE - PI 0017415   | \$954,123.00          |
| 25                   | 310-1101 | 10206.00 | TN    | \$28.84        | GR AGGR BASE CRS, INCL MATL   | \$294,339.92          |
| 30                   | 402-1802 | 50.00    | TN    | \$225.34       | RECYCLED ASPH CONC PATCHING, INCL BITUM MATL & H LIME                     | \$11,267.20           |
| 35                   | 402-1812 | 100.00   | TN    | \$135.76       | RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME                     | \$13,576.45           |
| 40                   | 402-3121 | 2246.00  | TN    | \$108.55       | RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME   | \$243,813.86          |
| 45                   | 402-3130 | 1493.00  | TN    | \$103.51       | RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME | \$154,545.00          |
| 50                   | 402-3190 | 1123.00  | TN    | \$120.82       | RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME   | \$135,679.82          |
| 55                   | 413-0750 | 1139.00  | GL    | \$2.52         | TACK COAT   | \$2,870.28            |
| 60                   | 432-5010 | 10000.00 | SY    | \$3.30         | MILL ASPH CONC PVMT, VARIABLE DEPTH                                       | \$33,005.90           |
| 65                   | 441-0106 | 1036.00  | SY    | \$42.44        | CONC SIDEWALK, 6 IN   | \$43,969.55           |
| 145                  | 441-0748 | 250.00   | SY    | \$59.62        | CONCRETE MEDIAN, 6 IN   | \$14,905.97           |
| 70                   | 446-1100 | 37996.00 | LF    | \$2.22         | PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH                             | \$84,437.75           |
| 75                   | 456-2015 | 3.00     | GLM   | \$3,005.76     | INDENTATION RUMBLE STRIPS - GROUND-IN-PLACE (SKIP)                        | \$9,017.27            |
| 80                   | 550-1300 | 145.00   | LF    | \$89.23        | STORM DRAIN PIPE, 30 IN, H 1-10   | \$12,939.04           |
| 150                  | 620-0100 | 600.00   | LF    | \$45.55        | TEMPORARY BARRIER, METHOD NO. 1   | \$27,328.26           |
| 85                   | 621-6002 | 20.00    | LF    | \$650.00       | CONCRETE BARRIER, TP S-2  | \$13,000.00           |
| 90                   | 621-6003 | 40.00    | LF    | \$750.00       | CONCRETE BARRIER, TP S-3  | \$30,000.00           |
| 160                  | 632-0003 | 4.00     | EA    | \$7,069.64     | CHANGEABLE MESSAGE SIGN, PORTABLE, TYPE 3                                 | \$28,278.57           |
| 155                  | 634-1200 | 12.00    | EA    | \$162.19       | RIGHT OF WAY MARKERS  | \$1,946.60            |
| 95                   | 636-1041 | 1350.00  | SF    | \$27.39        | HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 9                             | \$36,983.14           |
| 140                  | 641-1100 | 160.00   | LF    | \$70.78        | GUARDRAIL, TP T   | \$11,324.41           |
| 100                  | 641-1200 | 311.00   | LF    | \$26.00        | GUARDRAIL, TP W   | \$8,087.11            |
| 165                  | 641-5001 | 2.00     | EA    | \$1,869.62     | GUARDRAIL ANCHORAGE, TP 1   | \$3,739.24            |
| 105                  | 641-5012 | 2.00     | EA    | \$2,787.37     | GUARDRAIL ANCHORAGE, TP 12  | \$5,574.73            |
| 110                  | 653-0120 | 26.00    | EA    | \$97.29        | THERMOPLASTIC PVMT MARKING, ARROW, TP 2                                   | \$2,529.57            |
| 115                  | 653-2501 | 3.00     | LM    | \$3,243.84     | THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE                              | \$9,731.53            |
| 120                  | 653-2502 | 7.00     | LM    | \$2,851.89     | THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW                             | \$19,963.22           |
| <b>Roadway Total</b> |          |          |       |                |   | <b>\$4,793,365.12</b> |

#### 0801 - Bridge 1

| Line Number           | Item     | Quantity | Units | Price           | Description                             | Amount                 |
|-----------------------|----------|----------|-------|-----------------|---|------------------------|
| 125                   | 433-1000 | 419.00   | SY    | \$232.91        | REINF CONC APPROACH SLAB                | \$97,590.93            |
| 130                   | 540-1102 | 1.00     | LS    | \$2,200,000.00  | REMOVAL OF EXISTING BR, BR NO - 1       | \$2,200,000.00         |
| 135                   | 543-9000 | 1.00     | LS    | \$13,700,000.00 | CONSTRUCTION OF BRIDGE COMPLETE - NO. 1 | \$13,700,000.00        |
| <b>Bridge 1 Total</b> |          |          |       |                 |   | <b>\$15,997,590.93</b> |

#### TOTALS FOR CONCEPT NAME 0017415

|                  |                 |
|------------------|-----------------|
| ITEMS COST:      | \$20,790,956.05 |
| TYPICAL SECTION: | \$0.00          |
| AdHoc PRICING:   | \$0.00          |

|  |                 |
|--|-----------------|
| ESTIMATED COST:                          | \$20,790,956.05 |
| CONTINGENCY PERCENT:                     |                 |
| ENGINEERING AND INSPECTION:              |                 |
| ESTIMATED COST WITH CONTINGENCY AND E&I: |                 |

CONFIDENTIALITY NOTICE: This document may contain confidential and/or privileged information. Any unauthorized duplication, disclosure, distribution/retransmission of taking of any action in reliance upon the material in this document is strictly forbidden.



Interoffice Memo

FILE Project No: Office: District 5, Jesup  
 County Chatham Date: October 8, 2020  
 P.I.# 0017415  
 Description: SR 26/US 80 @ Lazeretto Creek

FROM Dallory Rozier, District Utilities Manager *[Signature]*

TO Robert Johnson, Project Manager

SUBJECT PRELIMINARY UTILITY COST ESTIMATE

A review of utilities located on the above referenced project has been conducted with Concept Layout plans. Listed below is a breakdown of the anticipated reimbursable and non-reimbursable cost.

| Utility Owner                        | Reimbursable | Non-Reimbursable | Estimate Based on               |
|--------------------------------------|--------------|------------------|---------------------------------|
| AT&T                                 | \$0.00       | \$22,000.00      | Site Visit / Available Drawings |
| Comcast                              | \$0.00       | \$0.00           | Site Visit / Available Drawings |
| Georgia Power Co.-Distribution       | \$0.00       | \$0.00           | Site Visit / Available Drawings |
| Georgia Power Co.-Transmission       | \$0.00       | \$0.00           | Site Visit / Available Drawings |
|                                      |              |                  |                                 |
| Total 100.00%                        | \$0.00       | \$22,000.00      |                                 |
| Department Responsibility 100.00%    | \$0.00       |                  |                                 |
| Utility Owner Responsibility 100.00% | \$0.00       |                  | PFA Dated N/A with N/A          |

\*\* Indicates Potential Utility Aid Request from Local Gov't

Estimate is based on the best available information at the current stage, unforeseen prior rights information may be provided by the Utility Company at a later date that could cause some non-reimbursable costs to shift to the reimbursable cost column.

If additional information is needed, please contact Leslie Dubberly at 912-530-4404.

- cc: Patrick Allen, P.E., State Utilities Administrator
- Shajan Joseph, P.E., Assistant State Utilities Administrator
- Marcela Coll, Utilities Preconstruction Manager
- David Woodcox, Utilities Preconstruction Specialist
- Danah Bonny, Utilities Preconstruction Specialist
- Vahid Munshi, Management Specialist

**GEORGIA DEPARTMENT OF TRANSPORTATION  
PRELIMINARY ROW COST ESTIMATE SUMMARY**

Date: 11/24/2020 Project: SR 26/US 80 Bridge Replacement  
 Revised: County: Chatham  
 PI: 17415

Description: SR 26/US 80 Bridge Replacement @ Lazaretto Creek  
 Project Termini:

Existing ROW: Varies  
 Required ROW: Varies  
 Parcels: 3

Land and Improvements \_\_\_\_\_ \$5,850.00

*Proximity Damage \$0.00*  
*Consequential Damage \$0.00*  
*Cost to Cures \$0.00*  
*Trade Fixtures \$0.00*  
*Improvements \$0.00*

Valuation Services \_\_\_\_\_ \$9,000.00

Legal Services \_\_\_\_\_ \$39,525.00

Relocation \_\_\_\_\_ \$9,000.00

Demolition \_\_\_\_\_ \$0.00

Administrative \_\_\_\_\_ \$28,500.00

TOTAL ESTIMATED COSTS \_\_\_\_\_ \$91,875.00

**TOTAL ESTIMATED COSTS (ROUNDED) \_\_\_\_\_ \$92,000.00**

Prepared By: Emory D. Dixon III *Emory D. Dixon III* November 24, 2020  
 Print Name Signature Date  
 Valencia Carter *Valencia Carter* 12/2/2020  
 Print Name Signature Date

Cost Estimation Supervisor : \_\_\_\_\_  
 Print Name Signature Date

**NOTE: Supervisor is only attesting that the estimate was completed using the correct information provided for the the project. The Supervisor is not attesting to property values or the accuracy of the market value estimations provided in this report. No Market Appreciation is included in this Preliminary Cost Estimate.**

Comments:





**GEORGIA DEPARTMENT OF TRANSPORTATION  
PRELIMINARY ROW COST ESTIMATE SUMMARY**

Date: 6/16/2022 Project: SR 26/US 80 at Lazaretto Creek  
 Revised: County: Chatham  
 PI: 0017415

Description: SR 26/US 80 Bridge Replacement at Lazaretto Creek  
 Project Termini:

Existing ROW: Varies  
 Required ROW: Varies  
 Parcels: 1

Land and Improvements \$46,408.29

|                      |        |
|----------------------|--------|
| Proximity Damage     | \$0.00 |
| Consequential Damage | \$0.00 |
| Cost to Cures        | \$0.00 |
| Trade Fixtures       | \$0.00 |
| Improvements         | \$0.00 |

Valuation Services \$5,000.00

Legal Services \$38,175.00

Relocation \$3,000.00

Demolition \$0.00

Administrative \$12,000.00

TOTAL ESTIMATED COSTS \$104,583.29

**TOTAL ESTIMATED COSTS (ROUNDED) \$105,000.00**

Prepared By: Benjamin M. Garland Jr. Ben M Garland CG# 270880 6/16/2022  
 Print Name Signature Date

Cost Estimation Supervisor : \_\_\_\_\_  
 Print Name Signature Date

NOTE: Supervisor is only attesting that the estimate was completed using the correct information provided for the the project. The Supervisor is not attesting to property values or the accuracy of the market value estimations provided in this report. No Market Appreciation is included in this Preliminary Cost Estimate.

Comments: Land Sales have researched with Chatham County Tax Assessor site, GAMLIS, and CoStar Data Service. All sales data is in the appraisers' electronic work file and can be provided upon request. The project has been personally inspected by the appraiser. There were no improvements with any contributory value that were affected by the project from plans and inspection.

**Georgia Department of Transportation  
Preliminary ROW Cost Estimate Worksheet**

Project/County/PI

SR 26/US 80 at Lazaretto Creek

Chatham

0017415

|                                | A  | B                  | C                              | D                         |
|--------------------------------|--|--------------------|--------------------------------|---------------------------|
| <b>Land and Improvements</b>   | <b>Agriculture</b>                               | <b>Residential</b> | <b>Commercial/Multi-Family</b> | <b>Conservation/Marsh</b> |
| 1 Estimate Low (sf)            | \$500.00   | \$0.00             | \$0.00                         | \$0.15                    |
| 2 Estimate High (sf)           | \$0.00   | \$0.00             | \$0.00                         | \$1.36                    |
| 3 Estimate Used (sf)           | \$0.00   | \$0.00             | \$0.00                         | \$0.75                    |
| 4 Fee Simple Area (sf)         | 0.0000   | 0.00               | 0.00                           | 41,251.81                 |
| 5 Fee Simple Estimate          | \$0.00   | \$0.00             | \$0.00                         | \$30,938.86               |
| 6 Perm Esmt Area (ac)          | 0.00   | 0.00               | 0.00                           | 0.00                      |
| 7 Perm Esmt Factor             | 75%  | 75%                | 75%                            | 75%                       |
| 8 Perm Esmt Estimate           | \$0.00   | \$0.00             | \$0.00                         | \$0.00                    |
| 9 Temp Esmt Area (sf)          | 0.00   | 0.00               | 0.00                           | 0.00                      |
| 10 Temp Esmt Factor            | 40%  | 40%                | 40%                            | 40%                       |
| 11 Temp Esmt Estimate          | \$0.00   | \$0.00             | \$0.00                         | \$0.00                    |
| 12 Proximity Damages           | \$0.00   | \$0.00             | \$0.00                         | \$0.00                    |
| 13 Consequential Damages       | \$0.00   | \$0.00             | \$0.00                         | \$0.00                    |
| 14 Cost to Cures               | \$0.00   | \$0.00             | \$0.00                         | \$0.00                    |
| 15 Improvements                | \$0.00   | \$0.00             | \$0.00                         | \$0.00                    |
| 16 Trade Fixtures              | \$0.00   | \$0.00             | \$0.00                         | \$0.00                    |
| 17                             |  |                    |                                |                           |
| 18 <b>PROPERTY TYPE TOTALS</b> | <b>\$0.00</b>                                    | <b>\$0.00</b>      | <b>\$0.00</b>                  | <b>\$30,938.86</b>        |
| 19                             | <b>SUB TOTAL PROPERTY TYPES</b>                  |                    |                                | <b>\$30,938.86</b>        |
| 20                             | <b>Counter Offers and Condemnation Increases</b> |                    |                                | <b>\$15,469.43</b>        |
| 21                             |  |                    |                                |                           |
| 22                             | <b>GRAND TOTAL LANDS AND IMPROVEMENTS</b>        |                    |                                | <b>\$46,408.29</b>        |

**Georgia Department of Transportation  
Preliminary ROW Cost Estimate Worksheet**

Project/County/PI

SR 26/US 80 at Lazaretto Creek Chatham

0017415

|                                     | A  | B                  | C                              | D                         |
|-------------------------------------|--|--------------------|--------------------------------|---------------------------|
| <b>Valuation Services</b>           | <b>Agriculture</b>                           | <b>Residential</b> | <b>Commercial/Multi-Family</b> | <b>Conservation/Marsh</b> |
| 1 Appraisals (# of Parcels)         | 0  | 0                  | 0                              | 1                         |
| 2 Estimated Fees (per Parcel)       | \$3,500.00                                   | \$3,500.00         | \$5,000.00                     | \$5,000.00                |
| 3 <b>TOTAL APPRAISALS</b>           | \$0.00                                       | \$0.00             | \$0.00                         | \$5,000.00                |
| 4 Sign Estimates                    | 0  | 0                  | 0                              | 0                         |
| 5 Estimated Fees                    | \$1,000.00                                   | \$1,000.00         | \$1,000.00                     | \$1,000.00                |
| 6 <b>TOTAL SIGN ESTIMATES</b>       | \$0.00                                       | \$0.00             | \$0.00                         | \$0.00                    |
| 7 Specialty Reports                 | 0  | 0                  | 0                              | 0                         |
| 8 Estimated Fees                    | \$2,500.00                                   | \$2,500.00         | \$2,500.00                     | \$2,500.00                |
| 9 <b>TOTAL SPECIALTY REPORTS</b>    | \$0.00                                       | \$0.00             | \$0.00                         | \$0.00                    |
| 10 Septic/Well Reports              | 0  | 0                  | 0                              | 0                         |
| 11 Estimated Fees                   | \$2,500.00                                   | \$2,500.00         | \$2,500.00                     | \$2,500.00                |
| 12 <b>TOTAL SEPTIC/WELL REPORTS</b> | \$0.00                                       | \$0.00             | \$0.00                         | \$0.00                    |
| 13                                  |  |                    |                                |                           |
| 14                                  |  |                    |                                |                           |
| 15                                  |  |                    |                                |                           |
| 16 <b>TOTAL VALUATION FEES</b>      | \$0.00                                       | \$0.00             | \$0.00                         | \$5,000.00                |
| 17                                  | <b>SUB TOTAL VALUATION SERVICES</b>          |                    |                                | \$5,000.00                |
| 18                                  | Updates and Incidentals (Min \$2,500 or 25%) |                    |                                | \$2,500.00                |
| 19                                  | <b>GRAND TOTAL VALUATION SERVICES</b>        |                    |                                | \$5,000.00                |

**Georgia Department of Transportation  
Preliminary ROW Cost Estimate Worksheet**

Project/County/PI

SR 26/US 80 at Lazaretto Creek Chatham

0017415

|    | A                                 | B              | C           | D                  |
|----|-----------------------------------|----------------|-------------|--------------------|
|    | Parcels                           | Estimated Fees |             | TOTALS             |
| 1  | Meeting with Attorney             | 1              | \$125.00    | \$125.00           |
| 2  | Preliminary Titles                | 1              | \$200.00    | \$200.00           |
| 3  | Closing and Final Title           | 1              | \$300.00    | \$300.00           |
| 4  | Recording Fees                    | 1              | \$50.00     | \$50.00            |
| 5  | Condemnation Filing               | 1              | \$5,000.00  | \$5,000.00         |
| 6  | Litigation Costs                  | 1              | \$25,000.00 | \$25,000.00        |
| 7  | Updates and Incidentals           | 1              | \$7,500.00  | \$7,500.00         |
| 8  |                                   |                |             |                    |
| 9  |                                   |                |             |                    |
| 10 |                                   |                |             |                    |
| 11 |                                   |                |             |                    |
| 12 |                                   |                |             |                    |
| 13 |                                   |                |             |                    |
| 14 |                                   |                |             |                    |
| 15 |                                   |                |             |                    |
| 16 |                                   |                |             |                    |
| 17 | <b>GRAND TOTAL LEGAL SERVICES</b> |                |             | <b>\$38,175.00</b> |

**Georgia Department of Transportation  
Preliminary ROW Cost Estimate Worksheet**

Project/County/PI

SR 26/US 80 at Lazaretto Creek Chatham

0017415

|    | A             | B                             | C | D                 |
|----|---------------|-------------------------------|---|-------------------|
|    | Displacements | Estimated Costs               |   | TOTALS            |
| 1  | 0             | \$30,000.00                   |   | \$0.00            |
| 2  | 0             | \$35,000.00                   |   | \$0.00            |
| 3  | 0             | \$55,000.00                   |   | \$0.00            |
| 4  | 1             | \$1,500.00                    |   | \$1,500.00        |
| 5  | 1             | \$1,500.00                    |   | \$1,500.00        |
| 6  |               |                               |   |                   |
| 7  |               |                               |   |                   |
| 8  |               |                               |   |                   |
| 9  |               |                               |   |                   |
| 10 |               |                               |   |                   |
| 11 |               |                               |   |                   |
| 12 |               |                               |   |                   |
| 13 |               |                               |   |                   |
| 14 |               |                               |   |                   |
| 15 |               |                               |   |                   |
| 16 |               |                               |   |                   |
| 17 |               | <b>GRAND TOTAL RELOCATION</b> |   | <b>\$3,000.00</b> |

**Georgia Department of Transportation  
Preliminary ROW Cost Estimate Worksheet**

Project/County/PI

SR 26/US 80 at Lazaretto Creek Chatham

0017415

|    | A                            | B               | C                             | D             |
|----|------------------------------|-----------------|-------------------------------|---------------|
|    | Items/Improvements           | Estimated Costs |                               | TOTALS        |
| 1  | Residential Structures       | 0               | \$15,000.00                   | \$0.00        |
| 2  | Commercial Structures        | 0               | \$25,000.00                   | \$0.00        |
| 3  | Hotels/Apartments            | 0               | \$60,000.00                   | \$0.00        |
| 4  | UST's - Dispensers           | 0               | \$50,000.00                   | \$0.00        |
| 5  | Billboards                   | 0               | \$8,000.00                    | \$0.00        |
| 6  | Signs - Light Standards      | 0               | \$1,500.00                    | \$0.00        |
| 7  | Water Vaults                 | 0               | \$15,000.00                   | \$0.00        |
| 8  | Gas/Water Service Separation | 0               | \$2,500.00                    | \$0.00        |
| 9  |                              |                 |                               |               |
| 10 |                              |                 |                               |               |
| 11 |                              |                 |                               |               |
| 12 |                              |                 |                               |               |
| 13 |                              |                 |                               |               |
| 14 |                              |                 |                               |               |
| 15 |                              |                 |                               |               |
| 16 |                              |                 |                               |               |
| 17 |                              |                 | <b>GRAND TOTAL DEMOLITION</b> | <b>\$0.00</b> |



**Georgia Department of Transportation  
Preliminary ROW Cost Estimate Worksheet**

Project/County/PI

SR 26/US 80 at Lazaretto Creek Chatham

0017415

|    | A                          | B                    | C   | D                  |
|----|----------------------------|----------------------|-----|--------------------|
|    | Parcels                    | Man hours per Parcel |     | TOTALS             |
| 1  | Pre-Acquisition            | 1                    | 40  | \$2,000.00         |
| 2  | Acquisition                | 1                    | 100 | \$5,000.00         |
| 3  | Relocation                 | 0                    | 50  | \$0.00             |
| 4  | Administrative Appeals     | 0                    | 50  | \$0.00             |
| 5  | Post-Acquisition           | 1                    | 100 | \$5,000.00         |
| 6  |                            |                      |     |                    |
| 7  |                            |                      |     |                    |
| 8  |                            |                      |     |                    |
| 9  |                            |                      |     |                    |
| 10 |                            |                      |     |                    |
| 11 |                            |                      |     |                    |
| 12 |                            |                      |     |                    |
| 13 |                            |                      |     |                    |
| 14 |                            |                      |     |                    |
| 15 |                            |                      |     |                    |
| 16 |                            |                      |     |                    |
| 17 | <b>GRAND TOTAL INHOUSE</b> |                      |     | <b>\$12,000.00</b> |

| ID/Code           | Name  | BL Project Start | BL Project Finish | Planned Duration | Remaining Duration | Actual Start | Actual Finish | Activity % Complete |
|-------------------|---|------------------|-------------------|------------------|--------------------|--------------|---------------|---------------------|
| 0017415           | 0017415.SR.26.JUS.80 @ LAZARETTO CREEK                        | Q 27-Feb-14      | 14-Mar-25         | 3,139.0d         | 1,021.0d           | 27-Feb-14    |               | 67.47%              |
| 00000             | Project Summary (Genesis Template 4-28-21)                    |                  |                   |                  |                    |              |               |                     |
| 2020.GENESIS      | Schedule Created from 2021 Genesis Template WBS (4-28-...     |                  |                   |                  |                    |              |               |                     |
| 1A                | Admin   |                  |                   |                  |                    |              |               |                     |
| 1A1               | Project Diagnostics   |                  |                   |                  |                    |              |               |                     |
| 6Concept2LET      | Concept Approval to Let                                       | Q 23-Aug-17      | 14-Mar-25         | 841.0d           | 1,021.0d           | 23-Aug-17    |               | 0%                  |
| 1Concept2PPFR     | Concept Approval to PPFR Inspection                           | Q 23-Aug-17      | 20-Oct-21         | 325.0d           | 0.0d               | 23-Aug-17    | 21-Oct-21     | 100%                |
| 0Concept2Prel     | Concept Start to Preliminary Plans Start                      | Q 08-Jul-14      | 20-Aug-20         | 179.0d           | 0.0d               | 08-Jul-14    | 20-Aug-20     | 100%                |
| 5FFR2LET          | PPFR Inspection to Let  | Q 29-Jul-24      | 14-Mar-25         | 165.0d           | 165.0d             |              |               | 0%                  |
| 3PPFR2ROWAULTH    | PPFR Inspection to ROW authorization                          | Q 22-Oct-21      | 14-Dec-23         | 533.0d           | 697.0d             | 21-Oct-21    |               | 0%                  |
| 4ROW2LET          | Row Auth to Let   | Q 15-Dec-23      | 14-Mar-25         | 324.0d           | 324.0d             |              |               | 0%                  |
| 20Tech2EnvAPP     | Start Technical Studies to Environmental Completion           | Q 23-Feb-22      | 26-Oct-23         | 420.0d           | 420.0d             |              |               | 0%                  |
| 25TechComp2Env... | Technical Studies Complete to Environmental Completion        | Q 15-Aug-22      | 26-Oct-23         | 300.0d           | 300.0d             |              |               | 0%                  |
| 1C                | Scoping and Concept Phase                                     |                  |                   |                  |                    |              |               |                     |
| 00200             | Scoping and Concept Phase LOE                                 | Q 08-Jul-14      | 23-Aug-17         | 0.0d             | 0.0d               | 08-Jul-14    | 23-Aug-17     | 100%                |
| 5                 | Develop Concept Report  |                  |                   |                  |                    |              |               |                     |
| 19311             | Concept Report Development LOE                                | Q 08-Jul-14      | 23-Aug-17         | 149.0d           | 0.0d               | 08-Jul-14    | 23-Aug-17     | 100%                |
| A.DRAFT_CONCE...  | Develop Draft Concept Report                                  |                  |                   |                  |                    |              |               |                     |
| 19322             | Create & Submit Environmental Survey Boundary (ESB)           | Q 29-Oct-14      | 29-Oct-14         | 5.0d             | 0.0d               | 29-Oct-14    | 29-Oct-14     | 100%                |
| 19313             | Data Acquisition for Concept (with steps)                     | Q 08-Jul-14      | 29-Oct-14         | 90.0d            | 0.0d               | 08-Jul-14    | 29-Oct-14     | 100%                |
| 19344             | Develop and Evaluate Alternatives                             | Q 29-Oct-14      | 06-Dec-16         | 20.0d            | 0.0d               | 29-Oct-14    | 06-Dec-16     | 100%                |
| 19352             | Develop Concept Layout of Preferred Alternate (with steps)    | Q 06-Dec-16      | 06-Dec-16         | 4.0d             | 0.0d               | 06-Dec-16    | 06-Dec-16     | 100%                |
| 00750             | Initial Concept Meeting                                       | Q 29-Oct-14      | 29-Oct-14         | 1.0d             | 0.0d               | 29-Oct-14    | 29-Oct-14     | 100%                |
| 02422             | Prepare Property Notification Letter for draft concept work   | Q 14-Jul-14      | 14-Jul-14         | 10.0d            | 0.0d               | 14-Jul-14    | 14-Jul-14     | 100%                |
| 19349             | Receive Environmental Resource Boundaries                     | Q 07-Nov-16      | 07-Nov-16         | 0.0d             | 0.0d               | 07-Nov-16    | 07-Nov-16     | 100%                |
| 19357             | Submit Draft Concept to PM for Concept Team Meeting           | Q 06-Dec-16      | 06-Dec-16         | 0.0d             | 0.0d               | 06-Dec-16    | 06-Dec-16     | 100%                |
| B_CONCEPT_RVW     | Draft Concept Report Review                                   |                  |                   |                  |                    |              |               |                     |
| 19358             | Designer Responds to Concept Report Comments                  | Q 06-Dec-16      | 06-Dec-16         | 10.0d            | 0.0d               | 06-Dec-16    | 06-Dec-16     | 100%                |
| 02722             | PM Reviews Draft Concept Report                               | Q 09-May-17      | 09-May-17         | 10.0d            | 0.0d               | 09-May-17    | 09-May-17     | 100%                |
| 02732             | SME Offices Review Concept Report Prior to Concept Meeti...   | Q 06-Dec-16      | 06-Dec-16         | 10.0d            | 0.0d               | 06-Dec-16    | 06-Dec-16     | 100%                |
| C_FINAL_CONCEPT   | Finalize the Draft Concept Report                             |                  |                   |                  |                    |              |               |                     |
| 02600             | Concept Meeting   | Q 06-Dec-16      | 06-Dec-16         | 1.0d             | 0.0d               | 06-Dec-16    | 06-Dec-16     | 100%                |
| 19362             | Designer Finalize Concept Report after Concept Meeting        | Q 06-Dec-16      | 09-May-17         | 10.0d            | 0.0d               | 06-Dec-16    | 09-May-17     | 100%                |
| 19372             | Designer QA Finalized Concept Report (with steps)             | Q 09-May-17      | 09-May-17         | 10.0d            | 0.0d               | 09-May-17    | 09-May-17     | 100%                |
| 19379             | Designer Submits Finalized Concept Report to PM               | Q 09-May-17      | 09-May-17         | 0.0d             | 0.0d               | 09-May-17    | 09-May-17     | 100%                |
| D_APPROVE_CO...   | Approve Concept Report  |                  |                   |                  |                    |              |               |                     |
| 02900             | Concept Report Review and Comments                            | Q 09-May-17      | 23-Aug-17         | 47.0d            | 0.0d               | 09-May-17    | 23-Aug-17     | 100%                |
| 03000             | Management Concept Approval Complete                          | Q 23-Aug-17      | 23-Aug-17         | 0.0d             | 0.0d               | 23-Aug-17    | 23-Aug-17     | 100%                |
| 02800             | PM Review and Submit Finalized Concept Report for Appro...    | Q 09-May-17      | 09-May-17         | 10.0d            | 0.0d               | 09-May-17    | 09-May-17     | 100%                |
| 16A.16            | Environmental Activities (Concept Phase)                      |                  |                   |                  |                    |              |               |                     |
| 16.7              | Environmental Resource Identification                         |                  |                   |                  |                    |              |               |                     |
| 11499             | Environmental Resource Identification Complete                | Q 25-Aug-21      | 25-Aug-21         | 0.0d             | 0.0d               | 25-Aug-21    | 25-Aug-21     | 0%                  |
| 11411             | Environmental Resource Identification Summary                 | Q 01-Mar-21      | 22-Feb-22         | 245.0d           | 245.0d             |              |               | 0%                  |
| 11412             | Receive Environmental Survey Boundary (ESB) / Start Enviro... | Q 01-Mar-21      | 05-Mar-21         | 5.0d             | 5.0d               |              |               | 0%                  |

| ID/Code         | Name  | BL Project Start | BL Project Finish | Planned Duration | Remaining Duration | Actual Start | Actual Finish | Activity % Complete |
|-----------------|---|------------------|-------------------|------------------|--------------------|--------------|---------------|---------------------|
| 16.7.1          | Ecological Survey   | 08-Mar-21        | 01-Jun-21         | 60.0d            | 60.0d              |              |               | 0%                  |
| 11413           | Conduct Ecology Survey (with steps) non-seasonal              | 08-Mar-21        | 22-Feb-22         | 240.0d           | 240.0d             |              |               | 0%                  |
| 11414           | Conduct Ecology Survey for Seasonal Species                   | 02-Jun-21        | 02-Jun-21         | 0.0d             | 0.0d               |              |               | 0%                  |
| 11447           | Receive Local/Consultant or review in-house Ecology Survey    | 02-Jun-21        | 25-Aug-21         | 60.0d            | 60.0d              |              |               | 0%                  |
| 11448           | Review and Accept Ecology Survey                              |                  |                   |                  |                    |              |               |                     |
| 16.7.2          | History Survey  | 08-Mar-21        | 01-Jun-21         | 60.0d            | 60.0d              |              |               | 0%                  |
| 11453           | Conduct History Survey (with steps)                           | 02-Jun-21        | 02-Jun-21         | 0.0d             | 0.0d               |              |               | 0%                  |
| 11457           | Receive Local/Consultant or review in-house History Survey    | 02-Jun-21        | 25-Aug-21         | 60.0d            | 60.0d              |              |               | 0%                  |
| 11458           | Review and Accept History Survey                              |                  |                   |                  |                    |              |               |                     |
| 16.7.3          | Archaeological Survey   | 08-Mar-21        | 01-Jun-21         | 60.0d            | 60.0d              |              |               | 0%                  |
| 11463           | Conduct Archaeological Survey (with steps)                    | 02-Jun-21        | 02-Jun-21         | 0.0d             | 0.0d               |              |               | 0%                  |
| 11467           | Receive Local/Consultant or review in-house Archaeology S...  | 02-Jun-21        | 25-Aug-21         | 60.0d            | 60.0d              |              |               | 0%                  |
| 11468           | Review and Accept Archaeological Survey                       |                  |                   |                  |                    |              |               |                     |
| 2.1             | Revised Concept (only needed if intended to be critical path) |                  |                   |                  |                    |              |               |                     |
| 04100           | Develop Revised Concept Report                                | 26-Oct-20        | 08-Dec-21         | 30.0d            | 30.0d              | 26-Oct-20    | 08-Dec-21     | 100%                |
| 04400           | Management Revised Concept Approval Complete                  | 08-Dec-21        | 08-Dec-21         | 0.0d             | 0.0d               | 08-Dec-21    | 08-Dec-21     | 100%                |
| 04200           | PM Submit Revised Concept Report                              | 26-Oct-20        | 26-Oct-20         | 0.0d             | 0.0d               | 26-Oct-20    | 26-Oct-20     | 100%                |
| 04300           | Revised Concept Report Review and Comments (with steps)       | 28-Apr-21        | 04-Nov-21         | 47.0d            | 0.0d               | 28-Apr-21    | 04-Nov-21     | 100%                |
| 04000           | Revised Concept Summary                                       | 26-Oct-20        | 08-Dec-21         | 337.0d           | 0.0d               | 26-Oct-20    | 08-Dec-21     | 100%                |
| PROCURE_CONCEPT | Procurement for Concept (if needed)                           |                  |                   |                  |                    |              |               |                     |
| 33122           | Consultant Acquisition (request through notification)         | 28-Feb-14        | 08-Jul-14         | 180.0d           | 0.0d               | 28-Feb-14    | 08-Jul-14     | 100%                |
| 33132           | Consultant Kick-Off Meeting                                   | 08-Jul-14        | 08-Jul-14         | 10.0d            | 0.0d               | 08-Jul-14    | 08-Jul-14     | 100%                |
| 33129           | Notice to Proceed (NTP) for Consultant Contract               | 08-Jul-14        | 08-Jul-14         | 0.0d             | 0.0d               | 08-Jul-14    | 08-Jul-14     | 100%                |
| 33112           | Prepare Procurement Requisition Form                          | 27-Feb-14        | 27-Feb-14         | 60.0d            | 0.0d               | 27-Feb-14    | 27-Feb-14     | 100%                |
| 33117           | Submit Procurement Requisition (RTS)                          | 28-Feb-14        | 28-Feb-14         | 0.0d             | 0.0d               | 28-Feb-14    | 28-Feb-14     | 100%                |
| 1E              | Preliminary Plans Phase                                       |                  |                   |                  |                    |              |               |                     |
| 20700           | Preliminary Plans Phase Summary                               | 01-Oct-15        | 12-Feb-24         | 2,456.0d         | 737.0d             | 01-Oct-15    |               | 69.99%              |
| 7               | MS4 (Municipal Separate Storm Sewer System) (if needed) ...   |                  |                   |                  |                    |              |               |                     |
| 7-1-01          | MS4 Design Activities (Designer)                              |                  |                   |                  |                    |              |               |                     |
| 27282           | PCSR Revisions Post-PFPR (if needed); Submit to ODPS          | 10-Feb-23        | 06-Apr-23         | 40.0d            | 40.0d              |              |               | 0%                  |
| 27242           | Prepare MS4 Design and PCSR; Submit to ODPS                   | 26-Aug-21        | 09-Sep-21         | 10.0d            | 10.0d              |              |               | 0%                  |
| 27262           | Prepare Stormwater BMP Infiltration Report (if needed); su... | 10-Sep-21        | 23-Sep-21         | 10.0d            | 10.0d              |              |               | 0%                  |
| 7-1-02          | MS4 Design Activities (OPD)                                   |                  |                   |                  |                    |              |               |                     |
| 27267           | PM Submits or verifies PCSR submission to ODPS                | 08-Nov-21        | 08-Nov-21         | 0.0d             | 0.0d               |              |               | 0%                  |
| 7-1-03          | MS4 ODPS Activities   |                  |                   |                  |                    |              |               |                     |
| 27289           | ODPS Submits PCSR to EPD                                      | 06-Apr-23        | 06-Apr-23         | 0.0d             | 0.0d               |              |               | 0%                  |
| 27272           | Receive and Review PCSR                                       | 08-Nov-21        | 08-Dec-21         | 20.0d            | 20.0d              |              |               | 0%                  |
| 12.6            | Pavement Management   |                  |                   |                  |                    |              |               |                     |
| 12.6.3          | Pavement Design   |                  |                   |                  |                    |              |               |                     |
| 12.6.8          | Pavement Design Review  |                  |                   |                  |                    |              |               |                     |
| 81600           | Review Pavement Design  | 08-Oct-21        | 08-Dec-21         | 40.0d            | 40.0d              |              |               | 0%                  |
| 81629           | Transmit Approved Pavement Design to PM for PFPR              | 08-Dec-21        | 08-Dec-21         | 0.0d             | 0.0d               |              |               | 0%                  |
| 12.6.5          | Pavement Design Activities                                    |                  |                   |                  |                    |              |               |                     |
| 21752           | Develop Preliminary Pavement Design (in-house design or ...   | 01-Oct-21        | 07-Oct-21         | 5.0d             | 5.0d               |              |               | 0%                  |

| ID/Code    | Name   | BL Project Start | BL Project Finish | Planned Duration | Remaining Duration | Actual Start | Actual Finish | Activity % Complete |
|------------|--|------------------|-------------------|------------------|--------------------|--------------|---------------|---------------------|
| ◆ 21759    | PM or Designer Submit Pavement Design to OMAT for App...       | 07-Oct-21        | 07-Oct-21         | 0.0d             | 0.0d               |              |               | 0%                  |
| ■ 12.6.2   | Pavement Evaluation  |                  |                   |                  |                    |              |               |                     |
| ■ 21722    | Conduct Pavement Evaluation                                    | 28-Oct-20        | 28-Oct-20         | 120.0d           |                    | 28-Oct-20    | 28-Oct-20     | 100%                |
| ■ 21734    | Review Pavement Evaluation                                     | 03-May-21        | 03-May-21         | 40.0d            |                    | 03-May-21    | 03-May-21     | 100%                |
| ◆ 21729    | Submit Pavement Evaluation                                     | 30-Apr-21        | 30-Apr-21         | 0.0d             |                    | 30-Apr-21    | 30-Apr-21     | 100%                |
| ◆ 21739    | Transmit Pavement Evaluation to PM for PFR                     | 28-Jun-21        | 28-Jun-21         | 0.0d             |                    | 28-Jun-21    | 28-Jun-21     | 100%                |
| ■ 12.6.10  | Pavement Type Selection  |                  |                   |                  |                    |              |               |                     |
| ■ 21732    | Conduct Pavement Type Selection Report                         | 23-Apr-21        | 23-Apr-21         | 45.0d            |                    | 23-Apr-21    | 23-Apr-21     | 100%                |
| ■ 21782    | Review Pavement Type Selection                                 | 02-Sep-21        | 02-Sep-21         | 20.0d            |                    | 02-Sep-21    | 02-Sep-21     | 100%                |
| ◆ 21777    | Submit Pavement Type selection                                 | 29-Jun-21        | 29-Jun-21         | 0.0d             |                    | 29-Jun-21    | 29-Jun-21     | 100%                |
| ◆ 21789    | Transmit Pavement Type Selection to PM                         | 23-Apr-21        | 23-Apr-21         | 0.0d             |                    | 23-Apr-21    | 23-Apr-21     | 100%                |
| ■ 11       | Soil Survey  |                  |                   |                  |                    |              |               |                     |
| ■ 80550    | Procurement for Soil Survey                                    | 18-May-21        | 21-May-21         | 80.0d            |                    | 18-May-21    | 21-May-21     | 100%                |
| ◆ 80200    | Request Soil Survey  | 18-May-21        | 18-May-21         | 0.0d             |                    | 18-May-21    | 18-May-21     | 100%                |
| ■ 80550    | Review Soil Survey   | 18-May-21        | 18-May-21         | 40.0d            |                    | 18-May-21    | 18-May-21     | 100%                |
| ◆ 80759    | Soil Survey Report Complete                                    | 19-Jul-21        | 19-Jul-21         | 0.0d             |                    | 19-Jul-21    | 19-Jul-21     | 100%                |
| ■ 80600    | Soil Survey Report Preparation                                 | 18-May-21        | 19-Jul-21         | 60.0d            |                    | 18-May-21    | 19-Jul-21     | 100%                |
| ■ 80100    | Soil Survey Summary  | 18-May-21        | 19-Jul-21         | 110.0d           |                    | 18-May-21    | 19-Jul-21     | 100%                |
| ■ 16       | Environmental Activities (Prelim. Plans Phase)                 |                  |                   |                  |                    |              |               |                     |
| ■ 10000    | Environmental Activity LOE (11412 through 18100)               | 01-Mar-21        | 26-Oct-23         | 665.0d           | 665.0d             |              |               | 0%                  |
| ◆ 18100    | Environmental Approval Complete (If state funds: Env. Activ... | 26-Oct-23        | 26-Oct-23         | 0.0d             |                    |              |               | 0%                  |
| ■ 16.8     | Technical Studies  |                  |                   |                  |                    |              |               |                     |
| ◆ 13499    | Environmental Technical Studies Complete                       | 12-Aug-22        | 12-Aug-22         | 0.0d             |                    |              |               | 0%                  |
| ◆ 13417    | Receive Preliminary Plans to Begin Technical Studies           | 23-Feb-22        | 23-Feb-22         | 0.0d             |                    |              |               | 0%                  |
| ■ 13411    | Technical Studies Summary                                      | 23-Feb-22        | 12-Aug-22         | 120.0d           | 120.0d             |              |               | 0%                  |
| ■ 16.8.1   | Assessment of Effects (AOE) and Agency Consultation for E...   |                  |                   |                  |                    |              |               |                     |
| ■ 13472    | Conduct Agency Consultation for Ecology                        | 17-Jun-22        | 12-Aug-22         | 40.0d            |                    |              |               | 0%                  |
| ■ 13463    | Prepare Assessment of Effects (AOE) for Ecology (with steps)   | 23-Feb-22        | 19-Apr-22         | 40.0d            |                    |              |               | 0%                  |
| ◆ 13467    | Receive Local/Consultant Assessment of Effects (AOE) for E...  | 20-Apr-22        | 20-Apr-22         | 0.0d             |                    |              |               | 0%                  |
| ■ 13468    | Review and Accept AOE - Ecology                                | 20-Apr-22        | 16-Jun-22         | 40.0d            |                    |              |               | 0%                  |
| ■ 16.8.2   | Cultural Resource Assessment of Effects (AOE) - History        |                  |                   |                  |                    |              |               |                     |
| ■ 13473    | Conduct Section 106 Consultation - History (with steps)        | 23-Feb-22        | 19-Apr-22         | 40.0d            |                    |              |               | 0%                  |
| ◆ 13477    | Receive Local/Consultant Assessment of Effects (AOE) - His...  | 20-Apr-22        | 20-Apr-22         | 0.0d             |                    |              |               | 0%                  |
| ■ 13478    | Review and Accept AOE - History                                | 20-Apr-22        | 12-Aug-22         | 80.0d            |                    |              |               | 0%                  |
| ■ 16.8.3   | Noise Analysis   |                  |                   |                  |                    |              |               |                     |
| ■ 13483    | Conduct Noise Analysis (with steps)                            | 23-Feb-22        | 19-Apr-22         | 40.0d            |                    |              |               | 0%                  |
| ◆ 13487    | Receive Local/Consultant Noise Analysis                        | 20-Apr-22        | 20-Apr-22         | 0.0d             |                    |              |               | 0%                  |
| ■ 13488    | Review and Accept Noise Analysis                               | 20-Apr-22        | 12-Aug-22         | 80.0d            |                    |              |               | 0%                  |
| ■ 16.8.4   | Air Quality Analysis   |                  |                   |                  |                    |              |               |                     |
| ■ 13483    | Conduct Air Quality Analysis (with steps)                      | 23-Feb-22        | 19-Apr-22         | 40.0d            |                    |              |               | 0%                  |
| ◆ 13497    | Receive Local/Consultant Air Quality Analysis                  | 20-Apr-22        | 20-Apr-22         | 0.0d             |                    |              |               | 0%                  |
| ■ 13498    | Review and Accept Air Quality Analysis                         | 20-Apr-22        | 12-Aug-22         | 80.0d            |                    |              |               | 0%                  |
| ■ 16.8.2.5 | Cultural Resource Assessment of Effects (AOE) - Archaeology    |                  |                   |                  |                    |              |               |                     |
| ■ 13453    | Conduct Section 106 Consultation - Archaeology (with steps)    | 23-Feb-22        | 19-Apr-22         | 40.0d            |                    |              |               | 0%                  |

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|------------|--|------------------|-------------------|------------------|--------------------|--------------|---------------|---------------------|
| 13457      | Receive Local/Consultant Assessment of Effects (AOE) - Arc...    | 20-Apr-22        | 20-Apr-22         | 0.0d             | 0.0d               |              |               | 0%                  |
| 13458      | Review and Accept AOE - Archaeology                              | 20-Apr-22        | 12-Aug-22         | 80.0d            | 80.0d              |              |               | 0%                  |
| 16.10      | Environmental Documents  |                  |                   |                  |                    |              |               |                     |
| 14311      | NEPA Document Summary  |                  |                   |                  |                    |              |               |                     |
| 16.10.1    | EA   | 17-Jun-22        | 26-Oct-23         | 340.0d           | 340.0d             |              |               | 0%                  |
| 14321      | NEPA class of Action Determination (1 Year LOE from Decis...     | 09-Nov-22        | 26-Oct-23         | 240.0d           | 240.0d             |              |               | 0%                  |
| 16.10.1.5  | Draft EA   |                  |                   |                  |                    |              |               |                     |
| 14342      | Conduct Agency Consultation Concurrence for Cultural Res...      | 09-Nov-22        | 09-Dec-22         | 20.0d            | 20.0d              |              |               | 0%                  |
| 14325      | Decision Made to Pursue EA/FONSI                                 | 13-Sep-22        | 13-Sep-22         | 0.0d             | 0.0d               |              |               | 0%                  |
| 14333      | FHWA Review of Draft EA & Approval to Advance to Public ...      | 09-Nov-22        | 09-Feb-23         | 60.0d            | 60.0d              |              |               | 0%                  |
| 14323      | Prepare Draft NEPA Document (with steps)                         | 17-Jun-22        | 12-Sep-22         | 60.0d            | 60.0d              |              |               | 0%                  |
| 14327      | Receive Local/Consultant Draft EA/FONSI                          | 13-Sep-22        | 13-Sep-22         | 0.0d             | 0.0d               |              |               | 0%                  |
| 14328      | Review Draft EA  | 13-Sep-22        | 08-Nov-22         | 40.0d            | 40.0d              |              |               | 0%                  |
| 14329      | Submit Draft EA  | 08-Nov-22        | 08-Nov-22         | 0.0d             | 0.0d               |              |               | 0%                  |
| 16.10.1.15 | Final EA   |                  |                   |                  |                    |              |               |                     |
| 14433      | FHWA Review of Final EA/FONSI (with steps)                       | 02-Aug-23        | 26-Oct-23         | 60.0d            | 60.0d              |              |               | 0%                  |
| 14423      | Prepare Final EA/FONSI (with steps)                              | 24-Mar-23        | 19-Jun-23         | 60.0d            | 60.0d              |              |               | 0%                  |
| 14427      | Receive Local/Consultant Final EA/FONSI                          | 20-Jun-23        | 20-Jun-23         | 0.0d             | 0.0d               |              |               | 0%                  |
| 14428      | Review Final EA/FONSI  | 20-Jun-23        | 01-Aug-23         | 30.0d            | 30.0d              |              |               | 0%                  |
| 14429      | Submit Final EA/FONSI to FHWA                                    | 01-Aug-23        | 01-Aug-23         | 0.0d             | 0.0d               |              |               | 0%                  |
| 16.4.26    | Public Hearing Open House (PHOH) with EA and GEPA EER ...        |                  |                   |                  |                    |              |               |                     |
| 14343      | Prepare For and Conduct PHOH (with steps)                        | 10-Feb-23        | 23-Mar-23         | 30.0d            | 30.0d              |              |               | 0%                  |
| 14347      | Public Hearing Held  | 24-Mar-23        | 24-Mar-23         | 0.0d             | 0.0d               |              |               | 0%                  |
| 14352      | Respond to PHOH Comments   | 24-Mar-23        | 05-May-23         | 30.0d            | 30.0d              |              |               | 0%                  |
| 16.5       | PIOH Public Meetings (Prelim. Plans Phase)                       |                  |                   |                  |                    |              |               |                     |
| 16.4       | PIOH (during Preliminary Design Phase)                           |                  |                   |                  |                    |              |               |                     |
| 09032      | Environmental Preparation for PIOH (with steps)                  | 01-Oct-15        | 01-Oct-15         | 70.0d            | 70.0d              | 01-Oct-15    | 01-Oct-15     | 100%                |
| 09000      | PIOH Summary   | 01-Oct-15        | 15-Nov-15         | 70.0d            | 70.0d              | 01-Oct-15    | 15-Nov-15     | 100%                |
| 09100      | Public Information Open House Advertisement (with steps)         | 01-Oct-15        | 15-Nov-15         | 60.0d            | 60.0d              | 01-Oct-15    | 15-Nov-15     | 100%                |
| 09000      | Public Information Open House or Comment Period Held             | 15-Nov-15        | 15-Nov-15         | 0.0d             | 0.0d               | 15-Nov-15    | 15-Nov-15     | 100%                |
| 09025      | Request Public Information Open House (PIOH)                     | 01-Oct-15        | 01-Oct-15         | 0.0d             | 0.0d               | 01-Oct-15    | 01-Oct-15     | 100%                |
| UTIL1      | SUE and 1st Submission Utilities                                 |                  |                   |                  |                    |              |               |                     |
| 20927      | Conduct Utility Field (UFM) Meeting / Preliminary Utility Rel... | 01-Oct-21        | 01-Oct-21         | 0.0d             | 0.0d               |              |               | 0%                  |
| 20900      | Request/Receive Utilities First Submission                       | 02-Jul-20        | 13-Jan-21         | 90.0d            | 90.0d              | 02-Jul-20    | 13-Jan-21     | 100%                |
| 20929      | Utility and ROW Coordination Meeting (Plot testing this ac...    | 26-Jan-23        | 26-Jan-23         | 0.0d             | 0.0d               |              |               | 0%                  |
| 1E-ROW     | ROW Plan Activities (if needed)                                  |                  |                   |                  |                    |              |               |                     |
| 17         | Location and Design  |                  |                   |                  |                    |              |               |                     |
| 60100      | L & D Approval   | 27-Oct-23        | 14-Nov-23         | 12.0d            | 12.0d              |              |               | 0%                  |
| 60500      | L & D Approval Advertisement                                     | 15-Nov-23        | 12-Feb-24         | 60.0d            | 60.0d              |              |               | 0%                  |
| 60000      | Location and Design Summary                                      | 10-Feb-23        | 12-Feb-24         | 252.0d           | 252.0d             |              |               | 0%                  |
| 60050      | PM Submit L & D Report   | 10-Feb-23        | 10-Feb-23         | 1.0d             | 1.0d               |              |               | 0%                  |
| 16.13      | Environmental Certification for ROW Authorization                |                  |                   |                  |                    |              |               |                     |
| 70300      | Environmental Certification for ROW Authorization Complete       | 03-Nov-23        | 09-Nov-23         | 5.0d             | 5.0d               |              |               | 0%                  |
| 18112      | Receive Revised Plans & Change Form (if changes made as ...      | 27-Oct-23        | 02-Nov-23         | 5.0d             | 5.0d               |              |               | 0%                  |

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|-------------|---|------------------|-------------------|------------------|--------------------|--------------|---------------|---------------------|
| 01-Sep-22   |   |                  |                   |                  |                    |              |               |                     |
| 18          | ROW Plans   | 18-Sep-23        | 14-Nov-23         | 40.0d            | 40.0d              | 21-Jan-22    |               | 0%                  |
| 50400       | ROW Plans Final Approval  | 09-Dec-21        | 21-Jan-22         | 15.0d            | 15.0d              | 09-Dec-21    | 21-Jan-22     | 100%                |
| 50100       | ROW Plans Preparation   | 09-Dec-21        | 14-Nov-23         | 832.0d           | 192.0d             | 09-Dec-21    |               | 76.92%              |
| 50000       | ROW Plans Summary   | 10-Feb-23        | 10-Feb-23         | 0.0d             | 0.0d               |              |               | 0%                  |
| 50300       | Submit Right of Way Plans                                       |                  |                   |                  |                    |              |               |                     |
| 9.4         | Environmental Site Assessment Phase II (if needed)              |                  |                   |                  |                    |              |               |                     |
| 27852       | ESA Phase II Report Preparation                                 | 22-Nov-21        | 13-Jun-22         | 140.0d           | 140.0d             |              |               | 0%                  |
| 27854       | OMAT Review of Draft ESA Phase II Report                        | 14-Jun-22        | 12-Aug-22         | 43.0d            | 43.0d              |              |               | 0%                  |
| 27847       | Receive Layout for ESA Phase II                                 | 22-Nov-21        | 22-Nov-21         | 0.0d             | 0.0d               |              |               | 0%                  |
| 27841       | UST/HW Site Assessment (ESA) Phase II Summary                   | 22-Nov-21        | 12-Aug-22         | 183.0d           | 183.0d             |              |               | 0%                  |
| 12.3        | Preliminary Bridge Design                                       |                  |                   |                  |                    |              |               |                     |
| 22000       | Preliminary Bridge Design Summary                               | 25-Apr-17        | 03-Jan-19         | 1,266.0d         | 0.0d               | 25-Apr-17    | 03-Jan-19     | 100%                |
| 12.3.10     | Preliminary Bridge Plan Reviews (Bridge Office Activities)      |                  |                   |                  |                    |              |               |                     |
| 22351       | Preliminary Bridge Plan Review Summary                          | 16-Nov-17        | 03-Jan-19         | 40.0d            | 40.0d              | 16-Nov-17    | 03-Jan-19     | 100%                |
| 22400       | Preliminary Bridge Plans Accepted/Approved                      | 03-Jan-19        | 03-Jan-19         | 0.0d             | 0.0d               | 03-Jan-19    | 03-Jan-19     | 100%                |
| 22359       | Receive Preliminary Bridge Plans for Bridge Office Review (...) | 16-Nov-17        | 16-Nov-17         | 0.0d             | 0.0d               | 16-Nov-17    | 16-Nov-17     | 100%                |
| 22379       | Send Markup Plans to Designer for Correction                    | 02-Jan-18        | 02-Jan-18         | 0.0d             | 0.0d               | 02-Jan-18    | 02-Jan-18     | 100%                |
| PPR_Request | PM Request Submit or Verify Prel. Bridge Plans (OPD Activit...  |                  |                   |                  |                    |              |               |                     |
| 22229       | PM submits or verifies that Prel. Bridge Plan Response has ...  | 02-Jan-18        | 02-Jan-18         | 0.0d             | 0.0d               | 02-Jan-18    | 02-Jan-18     | 100%                |
| 22227       | PM submits or verifies that preliminary bridge layouts have...  | 16-Nov-17        | 16-Nov-17         | 0.0d             | 0.0d               | 16-Nov-17    | 16-Nov-17     | 100%                |
| 22100       | Request Preliminary Bridge Layout                               | 22-May-17        | 22-May-17         | 0.0d             | 0.0d               | 22-May-17    | 22-May-17     | 100%                |
| PPR_Plans   | Preliminary Bridge Layouts (Design Activities)                  |                  |                   |                  |                    |              |               |                     |
| 22300       | Bridge Hydraulic Study and Layout Development (over str...      | 25-Apr-17        | 03-Jan-19         | 80.0d            | 80.0d              | 25-Apr-17    | 03-Jan-19     | 100%                |
| 12.4        | PFPR  |                  |                   |                  |                    |              |               |                     |
| 40200       | PFPR Inspection   | 21-Oct-21        | 21-Oct-21         | 1.0d             | 1.0d               | 21-Oct-21    | 21-Oct-21     | 100%                |
| 40400       | PFPR Report Approval and Distribution                           | 02-Nov-21        | 02-Nov-21         | 0.0d             | 0.0d               | 02-Nov-21    | 02-Nov-21     | 100%                |
| 40300       | PFPR Report Preparation   | 02-Nov-21        | 02-Nov-21         | 10.0d            | 10.0d              | 02-Nov-21    | 02-Nov-21     | 100%                |
| 40100       | PFPR Request (ES)   | 16-Sep-21        | 22-Sep-21         | 20.0d            | 0.0d               | 16-Sep-21    | 22-Sep-21     | 100%                |
| 40000       | PFPR Summary  | 08-Sep-21        | 09-Dec-21         | 408.0d           | 0.0d               | 08-Sep-21    | 09-Dec-21     | 100%                |
| 40550       | PM Distributes PFPR Responses                                   | 09-Dec-21        | 09-Dec-21         | 0.0d             | 0.0d               | 09-Dec-21    | 09-Dec-21     | 100%                |
| 39500       | PM Request PFPR   | 08-Sep-21        | 08-Sep-21         | 0.0d             | 0.0d               | 08-Sep-21    | 08-Sep-21     | 100%                |
| 40450       | PM Submits PFPR Responses to ES                                 | 09-Dec-21        | 09-Dec-21         | 20.0d            | 0.0d               | 09-Dec-21    | 09-Dec-21     | 100%                |
| 40500       | Verify PFPR Responses   | 02-Nov-21        | 09-Dec-21         | 5.0d             | 0.0d               | 02-Nov-21    | 09-Dec-21     | 100%                |
| 8           | Location and Database Preparation                               |                  |                   |                  |                    |              |               |                     |
| 20650       | Database Complete   | 05-May-21        | 05-May-21         | 0.0d             | 0.0d               | 05-May-21    | 05-May-21     | 100%                |
| 20000       | Database Summary  | 23-Oct-15        | 05-May-21         | 1,444.0d         | 0.0d               | 23-Oct-15    | 05-May-21     | 100%                |
| 20050       | Start Database Preparation                                      | 23-Oct-15        | 23-Oct-15         | 0.0d             | 0.0d               | 23-Oct-15    | 23-Oct-15     | 100%                |
| 8.2         | Field Surveys   |                  |                   |                  |                    |              |               |                     |
| 20450       | Field Survey Summary  | 26-Oct-15        | 04-May-21         | 1,329.0d         | 0.0d               | 26-Oct-15    | 04-May-21     | 100%                |
| 20500       | Field Surveys   | 26-Oct-15        | 02-Jan-17         | 21.0d            | 0.0d               | 26-Oct-15    | 02-Jan-17     | 100%                |
| 20625       | Review Local/Consultant Field Surveys                           | 04-Jan-21        | 04-May-21         | 40.0d            | 0.0d               | 04-Jan-21    | 04-May-21     | 100%                |
| 20600       | SDE Process Work  | 02-Jan-17        | 04-Jun-18         | 20.0d            | 0.0d               | 02-Jan-17    | 04-Jun-18     | 100%                |
| 9.3         | Environmental Site Assessment (ESA) Phase I                     |                  |                   |                  |                    |              |               |                     |
| 27821       | Environmental Site Assessment (ESA) Phase I Report Prepar...    | 01-Mar-21        | 26-Jul-21         | 103.0d           | 103.0d             |              |               | 0%                  |



| ID/Code   | Name  | BL Project Start | BL Project Finish | Planned Duration | Remaining Duration | Actual Start | Actual Finish | Activity % Complete |
|-----------|---|------------------|-------------------|------------------|--------------------|--------------|---------------|---------------------|
| 27832     | ESA Phase 1 Report Preparation                                | 01-Mar-21        | 24-May-21         | 60.0d            | 60.0d              |              |               | 0%                  |
| 27834     | OMAT Review of Draft ESA Phase 1 Report                       | 25-May-21        | 26-Jul-21         | 43.0d            | 43.0d              |              |               | 0%                  |
| 27827     | Receive Layout for ESA Phase 1                                | 01-Mar-21        | 01-Mar-21         | 0.0d             | 0.0d               |              |               | 0%                  |
| 1221      | Preliminary Roadway Plans (Designer Activities)               |                  |                   |                  |                    |              |               |                     |
| 21311     | Preliminary Roadway Plans LOE (Designer Activities)           |                  |                   |                  |                    |              |               |                     |
| PREL_PH_1 | Preliminary Plans Phase 1 -- Prior to A3M                     | 20-Aug-20        | 08-Sep-21         | 155.0d           | 0.0d               | 20-Aug-20    | 08-Sep-21     | 100%                |
| 21344     | Geometric Design  | 20-Aug-20        | 08-Sep-21         | 40.0d            | 0.0d               | 20-Aug-20    | 08-Sep-21     | 100%                |
| 21317     | Start Preliminary Roadway Plans                               | 20-Aug-20        | 20-Aug-20         | 0.0d             | 0.0d               | 20-Aug-20    | 20-Aug-20     | 100%                |
| PREL_PH_2 | Preliminary Plans Phase 2 -- Post-A3M and Prior to Submit ... |                  |                   |                  |                    |              |               |                     |
| 20937     | Conduct Avoidance and Minimization Measures Meeting (...)     | 26-Aug-21        | 26-Aug-21         | 0.0d             | 0.0d               |              |               | 0%                  |
| 21362     | Conduct QA of Preliminary Geometry                            | 21-Sep-21        | 21-Sep-21         | 8.0d             | 0.0d               | 21-Sep-21    | 21-Sep-21     | 100%                |
| 21382     | Develop Roadway Drainage Design                               | 21-Sep-21        | 21-Sep-21         | 5.0d             | 0.0d               | 21-Sep-21    | 21-Sep-21     | 100%                |
| 21347     | First Submission Utilities Plan to PM                         | 21-Sep-21        | 21-Sep-21         | 0.0d             | 0.0d               | 21-Sep-21    | 21-Sep-21     | 100%                |
| 20940     | Request/Receive Preliminary Lighting Layout (Photometric)     | 01-Oct-21        | 29-Oct-21         | 20.0d            | 20.0d              |              |               | 0%                  |
| 21397     | Submit Preliminary Plans to GDOT Offices for Bridge OES T...  | 21-Sep-21        | 21-Sep-21         | 0.0d             | 0.0d               | 21-Sep-21    | 21-Sep-21     | 100%                |
| PREL_PH_3 | Preliminary Plans Phase 3 -- Prepare for PFPF                 |                  |                   |                  |                    |              |               |                     |
| 21553     | Conduct Constructability Review (with steps)                  | 08-Sep-21        | 08-Sep-21         | 20.0d            | 0.0d               | 08-Sep-21    | 08-Sep-21     | 100%                |
| 21713     | Designer QA Review of Preliminary Roadway Plans (with ste...  | 08-Sep-21        | 08-Sep-21         | 15.0d            | 0.0d               | 08-Sep-21    | 08-Sep-21     | 100%                |
| 21562     | Develop Preliminary Signal, Signing & Marking Plans           | 08-Sep-21        | 08-Sep-21         | 10.0d            | 0.0d               | 08-Sep-21    | 08-Sep-21     | 100%                |
| 21372     | Develop Erosion Control Plans                                 | 08-Sep-21        | 08-Sep-21         | 15.0d            | 0.0d               | 08-Sep-21    | 08-Sep-21     | 100%                |
| 21534     | Develop Staging Plans and Cross Sections                      | 08-Sep-21        | 08-Sep-21         | 25.0d            | 0.0d               | 08-Sep-21    | 08-Sep-21     | 100%                |
| 21592     | Develop/Update Construction Cost Estimate                     | 08-Sep-21        | 08-Sep-21         | 10.0d            | 0.0d               | 08-Sep-21    | 08-Sep-21     | 100%                |
| 21572     | Place ROW and Easement Requirements                           | 08-Sep-21        | 08-Sep-21         | 10.0d            | 0.0d               | 08-Sep-21    | 08-Sep-21     | 100%                |
| 21542     | Plot Existing Utility Locations                               | 08-Sep-21        | 08-Sep-21         | 5.0d             | 0.0d               | 08-Sep-21    | 08-Sep-21     | 100%                |
| 24500     | PM Reviews PFPF Package                                       | 08-Sep-21        | 08-Sep-21         | 5.0d             | 0.0d               | 08-Sep-21    | 08-Sep-21     | 100%                |
| 25000     | Preliminary Plans Complete                                    | 21-Oct-21        | 21-Oct-21         | 0.0d             | 0.0d               | 21-Oct-21    | 21-Oct-21     | 100%                |
| 21717     | Submit Preliminary Plans to PM for PFPF                       | 08-Sep-21        | 08-Sep-21         | 0.0d             | 0.0d               | 08-Sep-21    | 08-Sep-21     | 100%                |
| PREL_PH_4 | Preliminary Plans Phase 4 -- During and Post PFPF             |                  |                   |                  |                    |              |               |                     |
| 41313     | Implementation of ROW Footprint Comments (with steps)         | 09-Dec-21        | 09-Dec-21         | 20.0d            | 0.0d               | 09-Dec-21    | 09-Dec-21     | 100%                |
| IG        | Final Design  |                  |                   |                  |                    |              |               |                     |
| 20.6      | ROW Acquisition (if needed)                                   |                  |                   |                  |                    |              |               |                     |
| 70000     | ROW Acquisition Summary                                       | 14-Dec-23        | 23-Dec-24         | 265.0d           | 265.0d             |              |               | 0%                  |
| 70400     | ROW Authorization   | 14-Dec-23        | 14-Dec-23         | 0.0d             | 0.0d               |              |               | 0%                  |
| 73000     | ROW Negotiations and Acquisition Work                         | 15-Dec-23        | 23-Dec-24         | 265.0d           | 265.0d             |              |               | 0%                  |
| 20.7      | BFI and Final Bridge Design (if needed)                       |                  |                   |                  |                    |              |               |                     |
| 82400     | Final Bridge Design LOE                                       | 29-Dec-23        | 13-Jun-24         | 120.0d           | 120.0d             |              |               | 0%                  |
| 14.2.5    | BFI (Bridge Foundation Investigation)                         |                  |                   |                  |                    |              |               |                     |
| 80700     | BFI Report LOE  | 19-Jul-23        | 04-Apr-24         | 180.0d           | 180.0d             |              |               | 0%                  |
| 14.1.5    | BFI Scoping and Procurement (if needed)                       |                  |                   |                  |                    |              |               |                     |
| 81150     | Procurement for BFI (if needed)                               | 19-Jul-23        | 12-Oct-23         | 60.0d            | 60.0d              |              |               | 0%                  |
| 80800     | Request BFI (Date Request Accepted)                           | 19-Jul-23        | 19-Jul-23         | 0.0d             | 0.0d               |              |               | 0%                  |
| 80792     | Scoping for BFI   | 21-Apr-23        | 18-Jul-23         | 60.0d            | 60.0d              |              |               | 0%                  |
| 14.1.9    | BFI Report Prep   |                  |                   |                  |                    |              |               |                     |
| 81200     | BFI Report Preparation  | 13-Oct-23        | 08-Feb-24         | 80.0d            | 80.0d              |              |               | 0%                  |



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| 14.2.9   | BFI Report Review and Letters                                    | 04-Apr-24        | 04-Apr-24         | 0.0d             | 0.0d               |              |               | 0%                  |
| 81249    | BFI Report Accepted/Completed                                    | 08-Feb-24        | 08-Feb-24         | 0.0d             | 0.0d               |              |               | 0%                  |
| 81229    | OMAT Receive Local/Consultant BFI (v1) OR Submits Found...       | 07-Mar-24        | 07-Mar-24         | 0.0d             | 0.0d               |              |               | 0%                  |
| 81239    | OMAT Receive Local/Consultant BFI (v2) OR Submit Load L...       | 17-May-24        | 13-Jun-24         | 20.0d            | 20.0d              |              |               | 0%                  |
| 20.3.2.2 | Bridge Constructability Review                                   |                  |                   |                  |                    |              |               |                     |
| 82332    | Request/Receive Bridge Constructability Review (over strea...    |                  |                   |                  |                    |              |               |                     |
| 20.3.2.1 | Final Bridge Plan Reviews (Bridge Office Activities)             |                  |                   |                  |                    |              |               |                     |
| 82451    | Final Bridge Plan Review Summary                                 | 18-Apr-24        | 13-Jun-24         | 40.0d            | 40.0d              |              |               | 0%                  |
| 82499    | Final Bridge Plans Accepted/Approved                             | 13-Jun-24        | 13-Jun-24         | 0.0d             | 0.0d               |              |               | 0%                  |
| 82459    | Receive Final Bridge Plans for Bridge Office Review (40 days...  | 18-Apr-24        | 18-Apr-24         | 0.0d             | 0.0d               |              |               | 0%                  |
| 82479    | Send Markup Plans to Designer for Correction                     | 30-May-24        | 30-May-24         | 0.0d             | 0.0d               |              |               | 0%                  |
| 20.3.3   | Final Bridge Design (Design Activities)                          |                  |                   |                  |                    |              |               |                     |
| 81142    | Final Bridge Plans (Sub-Super-Structures, Load, etc) (final d... | 29-Dec-23        | 08-Feb-24         | 30.0d            | 30.0d              |              |               | 0%                  |
| 81152    | Final Bridge Plans coordination with BFI (Receipt of draft BF... | 09-Feb-24        | 04-Apr-24         | 40.0d            | 40.0d              |              |               | 0%                  |
| 81162    | Final Bridge Plans QA Review (BFI complete to submit plans...    | 05-Apr-24        | 18-Apr-24         | 10.0d            | 10.0d              |              |               | 0%                  |
| FBP_OPD  | PM Submit or Verify Completion of Final Bridge Plans (OPD...     |                  |                   |                  |                    |              |               |                     |
| 82229    | PM submits or verifies that Final Bridge Plan Response has ...   | 06-Jun-24        | 06-Jun-24         | 0.0d             | 0.0d               |              |               | 0%                  |
| 82227    | PM submits or verifies that final bridge plans have been su...   | 19-Apr-24        | 19-Apr-24         | 0.0d             | 0.0d               |              |               | 0%                  |
| 20.9     | Final Design Phase   |                  |                   |                  |                    |              |               |                     |
| 81312    | Complete/Submit Environmental Change Form                        | 12-Aug-24        | 23-Aug-24         | 10.0d            | 10.0d              |              |               | 0%                  |
| 87000    | Final Construction Plans Complete                                | 20-Jun-24        | 20-Jun-24         | 0.0d             | 0.0d               |              |               | 0%                  |
| 81300    | Final Design Phase Summary                                       | 27-Oct-23        | 25-Oct-24         | 256.0d           | 256.0d             |              |               | 0%                  |
| 86500    | PM Reviews FFR Package   | 14-Jun-24        | 20-Jun-24         | 5.0d             | 5.0d               |              |               | 0%                  |
| 82000    | Request/Receive Utilities Second Submission                      | 13-Dec-23        | 18-Apr-24         | 90.0d            | 90.0d              |              |               | 0%                  |
| 81397    | Submit Lockdown Plans to Environmental for Permit Applic...      | 12-Aug-24        | 12-Aug-24         | 0.0d             | 0.0d               |              |               | 0%                  |
| 82500    | Wall Plans Preparation   | 27-Dec-23        | 20-Feb-24         | 40.0d            | 40.0d              |              |               | 0%                  |
| 20.2     | Final Roadway Plans (Designer Activities)                        |                  |                   |                  |                    |              |               |                     |
| 81592    | Develop Final Construction Cost Estimate (with steps)            | 26-Apr-24        | 16-May-24         | 15.0d            | 15.0d              |              |               | 0%                  |
| 81382    | Develop Final Drainage Design                                    | 13-Dec-23        | 28-Dec-23         | 10.0d            | 10.0d              |              |               | 0%                  |
| 81562    | Develop Final Erosion Control Plans                              | 26-Jan-24        | 07-Mar-24         | 30.0d            | 30.0d              |              |               | 0%                  |
| 81772    | Develop Final Signalization Plans                                | 27-Oct-23        | 02-Nov-23         | 5.0d             | 5.0d               |              |               | 0%                  |
| 81372    | Develop Final Signing & Marking Plans                            | 27-Oct-23        | 09-Nov-23         | 10.0d            | 10.0d              |              |               | 0%                  |
| 81532    | Develop Final Staging Cross Sections                             | 12-Jan-24        | 25-Jan-24         | 10.0d            | 10.0d              |              |               | 0%                  |
| 81522    | Develop Final Staging Plans                                      | 29-Dec-23        | 11-Jan-24         | 10.0d            | 10.0d              |              |               | 0%                  |
| 81782    | Develop Special Provisions                                       | 08-Mar-24        | 14-Mar-24         | 5.0d             | 5.0d               |              |               | 0%                  |
| 81354    | Final Geometry   | 27-Oct-23        | 12-Dec-23         | 30.0d            | 30.0d              |              |               | 0%                  |
| 81311    | Final Roadway Plans LOE (Designer Activities)                    | 27-Oct-23        | 13-Jun-24         | 160.0d           | 160.0d             |              |               | 0%                  |
| 91312    | Implementation of FFR Comments                                   | 02-Sep-24        | 25-Oct-24         | 40.0d            | 40.0d              |              |               | 0%                  |
| 81713    | QA Review of Final Roadway Plans (with steps)                    | 17-May-24        | 13-Jun-24         | 20.0d            | 20.0d              |              |               | 0%                  |
| 81792    | Receive Utility Relocations and Plot Utilities                   | 19-Apr-24        | 25-Apr-24         | 5.0d             | 5.0d               |              |               | 0%                  |
| 81317    | Start Final Roadway Plans  | 27-Oct-23        | 27-Oct-23         | 0.0d             | 0.0d               |              |               | 0%                  |
| 81717    | Submit FFR Plans to PM for FFR                                   | 13-Jun-24        | 13-Jun-24         | 0.0d             | 0.0d               |              |               | 0%                  |
| 81517    | Submit Second Submission Utility Plans to PM                     | 13-Dec-23        | 13-Dec-23         | 0.0d             | 0.0d               |              |               | 0%                  |
| 2.3      | Procurement for Final Design or Task Order (if needed)           |                  |                   |                  |                    |              |               |                     |

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|---------|---|------------------|-------------------|------------------|--------------------|--------------|---------------|---------------------|
| 33322   | Consultant Acquisition (request through notification)         | Q 27-Jan-23      | Q 12-Oct-23       | 180.0d           | 180.0d             |              |               | 0%                  |
| 33322   | Consultant Kick-Off Meeting                                   | Q 13-Oct-23      | Q 26-Oct-23       | 10.0d            | 10.0d              |              |               | 0%                  |
| 33329   | Notice to Proceed (NTP) for Consultant Contract               | Q 12-Oct-23      | Q 12-Oct-23       | 0.0d             | 0.0d               |              |               | 0%                  |
| 33312   | Prepare Procurement Requisition Form                          | Q 26-Oct-22      | Q 26-Jan-23       | 60.0d            | 60.0d              |              |               | 0%                  |
| 33317   | Submit Procurement Requisition (RIS)                          | Q 27-Jan-23      | Q 27-Jan-23       | 0.0d             | 0.0d               |              |               | 0%                  |
| 1J      | Prepare for Let   |                  |                   |                  |                    |              |               |                     |
| 20.4    | FFPR  |                  |                   |                  |                    |              |               |                     |
| 90200   | FFPR Inspection   | Q 26-Jul-24      | Q 26-Jul-24       | 1.0d             | 1.0d               |              |               | 0%                  |
| 90350   | FFPR Report Approval and Distribution                         | Q 12-Aug-24      | Q 12-Aug-24       | 0.0d             | 0.0d               |              |               | 0%                  |
| 90300   | FFPR Report Preparation                                       | Q 29-Jul-24      | Q 09-Aug-24       | 10.0d            | 10.0d              |              |               | 0%                  |
| 90100   | FFPR Request (ES)   | Q 28-Jun-24      | Q 25-Jul-24       | 20.0d            | 20.0d              |              |               | 0%                  |
| 90000   | FFPR Summary  | Q 28-Jun-24      | Q 30-Aug-24       | 46.0d            | 46.0d              |              |               | 0%                  |
| 90450   | PM Distributes FFPR Responses                                 | Q 30-Aug-24      | Q 30-Aug-24       | 0.0d             | 0.0d               |              |               | 0%                  |
| 89500   | PM Request FFPR   | Q 28-Jun-24      | Q 28-Jun-24       | 0.0d             | 0.0d               |              |               | 0%                  |
| 90375   | PM Submits FFPR Responses to ES                               | Q 12-Aug-24      | Q 23-Aug-24       | 10.0d            | 10.0d              |              |               | 0%                  |
| 90400   | Verify FFPR Responses (ES)                                    | Q 26-Aug-24      | Q 30-Aug-24       | 5.0d             | 5.0d               |              |               | 0%                  |
| 16.14   | Permits   |                  |                   |                  |                    |              |               |                     |
| 88231   | 404 and Buffer Variance (BV) Permits LOE                      | Q 26-Aug-24      | Q 20-Dec-24       | 85.0d            | 85.0d              |              |               | 0%                  |
| 88222   | OES Receives and Reviews Plans for Permit Applications        | Q 12-Aug-24      | Q 23-Aug-24       | 10.0d            | 10.0d              |              |               | 0%                  |
| 16.14.1 | 404 Permit  |                  |                   |                  |                    |              |               |                     |
| 88233   | Complete 404 Permit (with steps) 65d if Nationwide 100d if... | Q 26-Aug-24      | Q 22-Nov-24       | 65.0d            | 65.0d              |              |               | 0%                  |
| 16.14.2 | Vegetative Buffer Variance (BV)                               |                  |                   |                  |                    |              |               |                     |
| 88253   | Prepare Buffer Variance (with steps)                          | Q 26-Aug-24      | Q 20-Dec-24       | 85.0d            | 85.0d              |              |               | 0%                  |
| 21.5    | Certifications  |                  |                   |                  |                    |              |               |                     |
| 95400   | G.O. ROW Certification  | Q 24-Dec-24      | Q 27-Dec-24       | 4.0d             | 4.0d               |              |               | 0%                  |
| 16.15   | Environmental Certification for CST Authorization             |                  |                   |                  |                    |              |               |                     |
| 95200   | Environmental Certification for Let Complete                  | Q 16-Dec-24      | Q 27-Dec-24       | 10.0d            | 10.0d              |              |               | 0%                  |
| 18712   | Receive Plans & Change Form (if needed); Circulate to Envi... | Q 26-Aug-24      | Q 20-Sep-24       | 20.0d            | 20.0d              |              |               | 0%                  |
| 16.15.1 | Update Environmental Studies for CST Authorization            |                  |                   |                  |                    |              |               |                     |
| 18894   | Update Air Quality Analysis                                   | Q 23-Sep-24      | Q 18-Oct-24       | 20.0d            | 20.0d              |              |               | 0%                  |
| 18864   | Update Archaeology Studies                                    | Q 23-Sep-24      | Q 18-Oct-24       | 20.0d            | 20.0d              |              |               | 0%                  |
| 18814   | Update Ecology Studies  | Q 23-Sep-24      | Q 18-Oct-24       | 20.0d            | 20.0d              |              |               | 0%                  |
| 18854   | Update History Studies  | Q 23-Sep-24      | Q 18-Oct-24       | 20.0d            | 20.0d              |              |               | 0%                  |
| 18884   | Update Noise Assessments and Public Outreach (with steps)     | Q 23-Sep-24      | Q 18-Oct-24       | 20.0d            | 20.0d              |              |               | 0%                  |
| 16.15.2 | Environmental Reevaluation (delete if state funded)           |                  |                   |                  |                    |              |               |                     |
| 18723   | Complete Environmental Reevaluation for CST Authorizatio...   | Q 21-Oct-24      | Q 15-Nov-24       | 20.0d            | 20.0d              |              |               | 0%                  |
| 18732   | FHWA Approval of Environmental Reevaluation                   | Q 18-Nov-24      | Q 13-Dec-24       | 20.0d            | 20.0d              |              |               | 0%                  |
| 18727   | Submit Environmental Reevaluation to FHWA                     | Q 18-Nov-24      | Q 18-Nov-24       | 0.0d             | 0.0d               |              |               | 0%                  |
| 21.05   | Utility Certification   |                  |                   |                  |                    |              |               |                     |
| 95259   | District Submits Recommendation and Certification Package     | Q 13-Dec-24      | Q 13-Dec-24       | 0.0d             | 0.0d               |              |               | 0%                  |
| 95300   | Utility Agreements Preparation and Certification              | Q 18-Nov-24      | Q 27-Dec-24       | 30.0d            | 30.0d              |              |               | 0%                  |
| 24      | Final Submittals  |                  |                   |                  |                    |              |               |                     |
| 95500   | Construction Authorization                                    | Q 24-Jan-25      | Q 24-Jan-25       | 0.0d             | 0.0d               |              |               | 0%                  |
| 95099   | Designer Submits Final Plans to PM for CBA Submission         | Q 30-Dec-24      | Q 30-Dec-24       | 0.0d             | 0.0d               |              |               | 0%                  |

01-Sep-22

| ID/Code | Name                        |   | BL Project Start | BL Project Finish | Planned Duration | Remaining Duration | Actual Start | Actual Finish | Activity % Complete |
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| ■ 95000 | Final Submittals Summary    | Q | 08-Nov-24        | 14-Mar-25         | 90.0d            | 90.0d              |              |               | 0%                  |
| ◆ 95800 | Let Contract                | Q | 14-Mar-25        | 14-Mar-25         | 0.0d             | 0.0d               |              |               | 0%                  |
| ■ 95600 | Project Advertisement       | Q | 27-Jan-25        | 14-Feb-25         | 15.0d            | 15.0d              |              |               | 0%                  |
| ◆ 90500 | Submit Corrected FPR Plans  | Q | 08-Nov-24        | 08-Nov-24         | 0.0d             | 0.0d               |              |               | 0%                  |
| ■ 95100 | Submit Final Plans          | Q | 06-Jan-25        | 06-Jan-25         | 0.0d             | 0.0d               |              |               | 0%                  |
| ◆ 95700 | Utilities Notice to Proceed | Q | 14-Feb-25        | 14-Feb-25         | 0.0d             | 0.0d               |              |               | 0%                  |