



Coastal Region Metropolitan Planning Organization

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

APPLICATION

PI 0017414 (BULL RIVER 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

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

CHECKLIST FOR APPLICANTS

- Have you answered all applicable questions in the application?
- Has the appropriate person signed the application?
- Have you filled out the detailed budget table on the last page of this application?
- Please indicate the sources of funding you are requesting for this project.
 Y230 Z301
- Have you attached a letter from your governing board or official able to commit to the local match?
- Have you attached a project location map?
- Have you attached information demonstrating the basis of your project's cost estimate?
- 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).**

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

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

- Regional transportation authority

- Transit agency

- 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

- Bridge Improvements

- Transit Improvements

- Operational/Safety Improvements

- Bicycle / Pedestrian /Non-Motorized Improvements

- Planning Studies

- Other

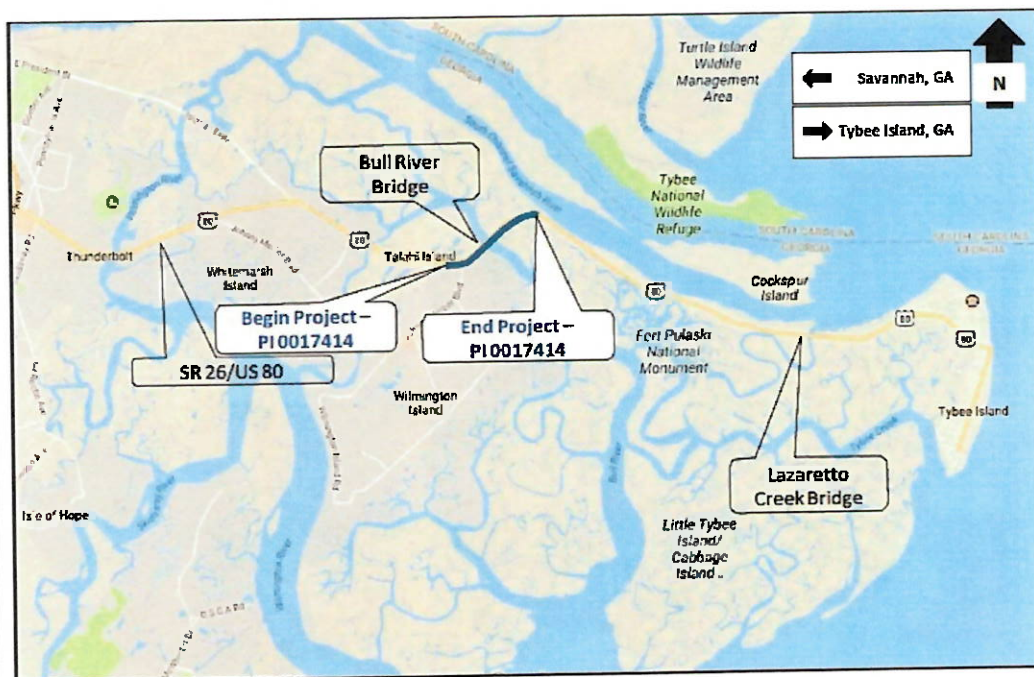
Applicant Information		
Agency Name (i.e. agency that will manage implementation)		Date
City of Tybee Island		September 1, 2022
Street Address	City, State	Zip Code
403 Butler Avenue, P.O. BOX 2749	Tybee Island, GA	31328
Contact Person's Name	Title	
PETER GULBRONSON	City Engineer/Director of Infrastructure	
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 Bull River

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, 3,534-foot bridge over the Bull River. The project begins 0.42 miles west of the bridge at Blue Fin Circle just before Johnny Mercer Boulevard. The project beginning is determined by the horizontal geometry connecting the new bridge alignment to the existing SR26. The project ends 0.28 miles east of the bridge to provide proper horizontal and vertical connections to the existing roadway.



County (or counties) in which project is located	City (or cities), if any, in which project is located	
Chatham County	City of Tybee Island	
<p>Proposal Description Summary</p> <p>PI 0017414: SR26/US80 – Improvements over the Bull River, will replace the existing bridge over the Bull River with a two-lane bridge that includes bicycle and pedestrian improvements. The project widens the roadway from Johnny Mercer Boulevard to the tie-in location east of the Bull River Bridge with bikeable shoulders. The total length project length is 1.5 miles. The project improves travel conditions between Savannah and Tybee Island ensuring the integrity of the SR 26/US80 bridge over the Bull River.</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
\$1,402,000	\$1,402,000	\$280,400
<i>*Please also be sure to fill out the Budget Detail Table at the end of this application.</i>		

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
0017415	SR26/US 80 @ Lazaretto Creek	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

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

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 0017414: SR26/US80 – Improvements over the Bull River, will replace the existing bridge over the Bull River with a two-lane bridge that includes bicycle and pedestrian improvements. The project widens the roadway from Johnny Mercer Boulevard to the tie-in location east of the Bull River Bridge with bikeable shoulders. The total length project length is 1.5 miles. The project improves travel conditions between Savannah and Tybee Island ensuring the integrity of the SR 26/US80 bridge over the Bull River.

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



Signature (on hard copy)

9/12/22

Date

PETER GULBRANSON

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

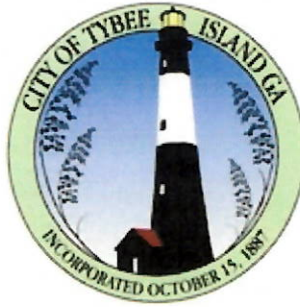
Project Name:

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	\$3,104,090.00	\$2,483,272.00	\$620,818.00		
	2019	\$ 500,000.00	\$ 400,000.00	\$100,000.00		
	2020	\$1,000,000.00	\$ 800,000.00	\$200,000.00		
	2021	\$1,000,000.00	\$ 800,000.00	\$200,000.00		
ROW	2024	\$1,483,000.00	\$ 1,186,400.00	\$296,600.00		
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:						
Total Amounts		\$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 the Bull River, Project I.D. 0017414.

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 the word "Sincerely,".

Shawn Gillen
City Manager, City of Tybee Island



Interoffice Memo
Office of Design Policy & Support

DATE: 12/8/2021

FILE: P.I.# 0017414
Chatham County / GDOT District 5 - Jesup
SR 26/US 80 @ BULL RIVER 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



Revised Project Concept Report

**** Report updated 10-7-2021 to address review comments**

Project Type: Bridge Replacement P.I. Number: 0017414
 GDOT District: 5 County: Chatham
 Federal Route Number: 80 State Route Number: 26
 Project Number: N/A

Replace 3,534-foot bridge over Bull River. New typical section to include flush median, shoulders and shared use path. This report supplements the originally approved Concept Report under PI 0010560 dated 08/23/17.

Submitted for approval:

Nicoe Alexander, T.Y. Lin International	7/19/2021 Date <u>9/1/2021</u>
State Program Delivery Administrator	Date <u>8/31/2021</u>
GDOT Project Manager	Date <u>8/31/2021</u>

Recommendation for approval:

** Recommendations on file - KLP*

* <i>Eric Duff</i> State Environmental Administrator	<u>5-3-2021</u> Date
* <i>Oladimeji Onabanjo</i> State Traffic Engineer	<u>10-19-2021</u> Date
* <i>Donn Digamon</i> State Bridge Engineer	<u>5-5-2021</u> Date
* <i>Robert McCall</i> District Engineer	<u>5-14-2021</u> Date

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

- 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).

* <i>Matt Markham, Deputy Director of Planning</i> State Transportation Planning Administrator	<u>5-17-2021</u> Date
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PLANNING, APPROVED CONCEPT, AND BACKGROUND

Prepared By: T.Y. Lin International Date: 8/27/2020 - 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 Bull River Bridge is functionally obsolete, and eligible for replacement.

This project will address the bridge’s geometric and structural deficiencies. The project begins 0.42 miles west of the bridge at Blue Fin Circle just before Johnny Mercer Boulevard. The project beginning is determined by the horizontal geometry connecting the new bridge alignment to the existing SR 26. The project ends 0.28 miles east of the bridge to provide proper horizontal and vertical connections to the existing roadway. The shared-use path will continue another 600-feet beyond the roadway limit to connect to the existing McQueen’s Island Historic Trail entrance.

The project also addresses non-motorized transportation with a shared-use path along the entire project that will connect to the McQueen’s Island Historic Trail. 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 3,534-foot bridge over Bull River. The corridor serves as the only roadway connection between Tybee Island and the mainland. The bridge ~~has a low sufficiency rating of 50 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 a signalized intersection at Johnny Mercer Boulevard west of the bridge. Bridge bents from the previous Bull River bridge exist north of the current bridge. Overhead utility lines with power, telephone and cable run along the roadway corridor.

Description of the approved concept: The Bull River Bridge project is a portion of the original bridge replacements and roadway improvements under PI# 0010560. The original project began at the same location and included roadway improvements on the SR 26 causeway and the Lazaretto Creek Bridge replacement. This project length is 1.50 miles and is in Chatham County 9 miles east of Savannah and 5 miles west of Tybee Island. Bull River 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

<p>Approved Features:</p> <p>The Bull River 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 the same location, however, it ends just east of the Bull River. The total project length is 1.50 miles and is in Chatham County 9 miles east of Savannah and 5 miles west of Tybee Island. Bull River Bridge layout is intended to minimize impacts to the marsh areas around the river and avoid sensitive species such as oysters.</p>	<p>Proposed Features:</p> <p>The project replaces the bridge at Bull River with a two-lane bridge that includes bicycle and pedestrian improvements. The project widens the roadway from Johnny Mercer Boulevard to the tie-in location east of the Bull River Bridge with bikeable shoulders. The total project length is 1.5 miles. The project improves travel conditions between Savannah and Tybee Island ensuring the integrity of the SR 26/US 80 bridge over Bull River. The end termini of this project is modified to just east of the Bull River.</p>
<p>Reason(s) for change: The original project was split into three units, 0017414 Bull River Bridge Replacement, 0017415 Lazaretto Creek Bridge Replacement and 0017416, Causeway Widening. PI 0017414 is the west segment that maintains the original project beginning and ends just east of the Bull River Bridge.</p>	

Design Exceptions and/or Variances needed:

Design Variance may be needed for 20 foot median where design speed over 45 mph is proposed

ENVIRONMENTAL AND PERMITS

Potential environmental impacts of proposed revision: Environmental effects are the same as 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.

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) was conducted by GDOT on April 30, 2019.

PROJECT COST AND ADDITIONAL INFORMATION

	PE Activities		ROW	Reimbursable Utilities	CST*	Total Cost
	PE Funding	Section 404 Mitigation				
Date of Estimate: 10/08/20	\$94,056	\$0	\$180,450	\$3,700,000	\$38,097,378	\$42,071,884
Funded By:	GDOT	GDOT	GDOT	GDOT	GDOT	
Programmed Cost:	\$94,056	\$0	\$180,450	\$3,700,000	\$38,097,378	\$42,071,884
Estimated Cost:	\$94,056	\$0	\$1,402,000	\$4,070,000	\$42,769,808	\$48,335,864
Total Cost Difference:	\$0	\$0	\$1,221,550	\$370,000	\$4,672,430	\$6,263,980

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


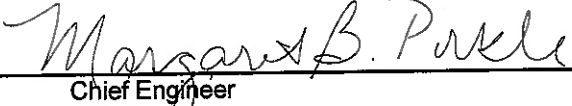
Recommendation: Recommend that the proposed revision to the concept be approved for implementation.

Comments:

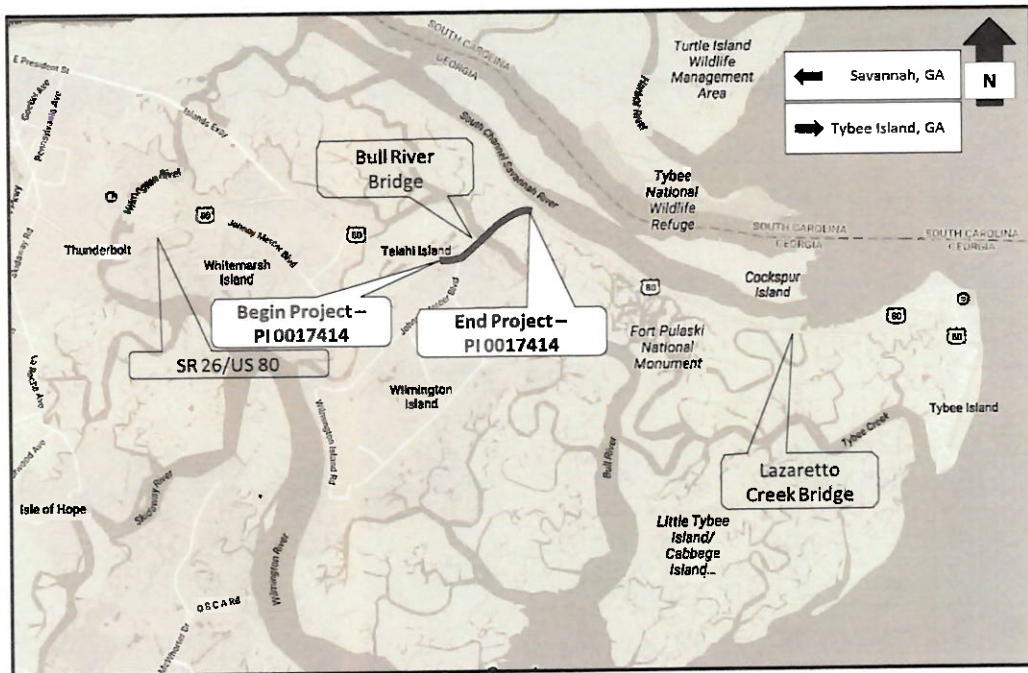
Attachments:

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:	 Director of Engineering	11/24/2021 <hr/> Date
Approve:	 Chief Engineer	12/8/2021 <hr/> Date

PROJECT LOCATION MAP



Bridge Replacement of SR 26/US 80 at Bull River

FIG. DISPLAY 2 of 2
 P.I. NO.
 0017414

SR 26/US 80 OVER BULL RIVER - CHATHAM COUNTY

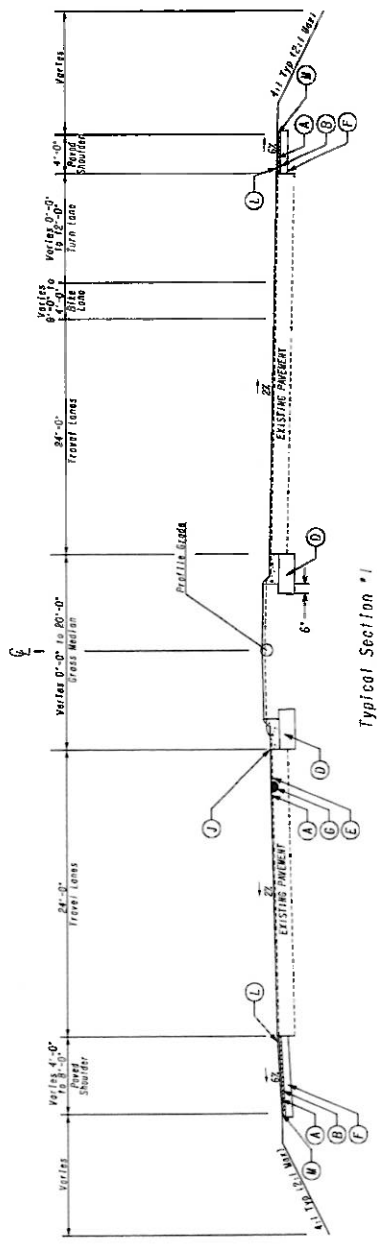
- EXISTING RIGHT OF WAY
- REQUIRED RIGHT OF WAY
- WETLANDS
- PROPOSED EDGE OF TRAVEL LANE
- PROPOSED PAVED SHOULDER
- DRIVEWAY
- ENVIRONMENTALLY SENSITIVE AREA
- FORT PULASKI NATIONAL MONUMENT
- EXISTING SIGNALIZED INTERSECTION



11

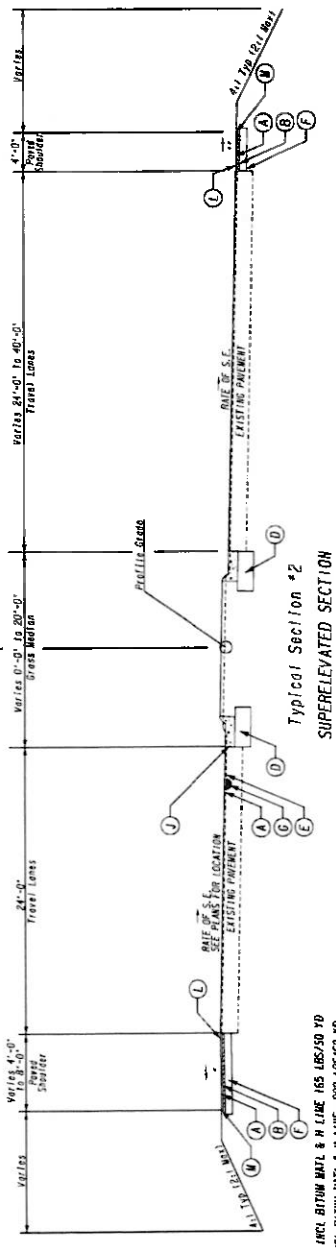
11, UNITED STATES OF AMERICA
 (FORT PULASKI NATIONAL MONUMENT)

PRELIMINARY



Typical Section #1
SR26/US80
Sta. 16+75.00 to 19+30.48

- 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 life to existing ground.



Typical Section #2
SUPERELEVATED SECTION
SR26/US80

- REQUIRED PAVEMENT**
- 1. RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM WATL & H LINE 105 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 440 LBS/50 YD
 - 4. GR ASBR BASE CRS, 12 INCH, INCL WATL
 - 5. RECYCLED ASPH CONC LEVELING, INCL BITUM WATL & H LINE - AS DIRECTED BY ENGINEER
 - 6. GR ASBR BASE CRS, 6 INCH, INCL WATL
 - 7. RECYCLED ASPH CONC PATCHING, INCL BITUM WATL & H LINE - AS DIRECTED BY ENGINEER
 - 8. CONCRETE MEDIAN, 6 IN (DOWELED)
 - 9. CONCRETE CURB & GUTTER, 8 IN X 30 IN, TYP
 - 10. CONCRETE SIDEWALK, 6 IN
 - 11. HOISTATION ANGLE STRIPS - GROUND-IN-PLACE (SKIP)
 - 12. Asphalt Pavement Treatment (PT)

- * SHOULDER TO SLOPE AT NORMAL RATE, HOWEVER, THE ALGEBRAIC DIFFERENCE IN PAVING SLOPE AND SHOULDER SLOPE SHALL NOT EXCEED 0.2.
- ** WITHIN SHOULDER SLOPE TO BE 2% SHOULDER TO SLOPE AT NORMAL RATE OR SUPERELEVATION RATE, WHICHEVER IS GREATER.

SLOPE	CONTROL
SLOPE CUT	ALL
2:1	OVER 80'

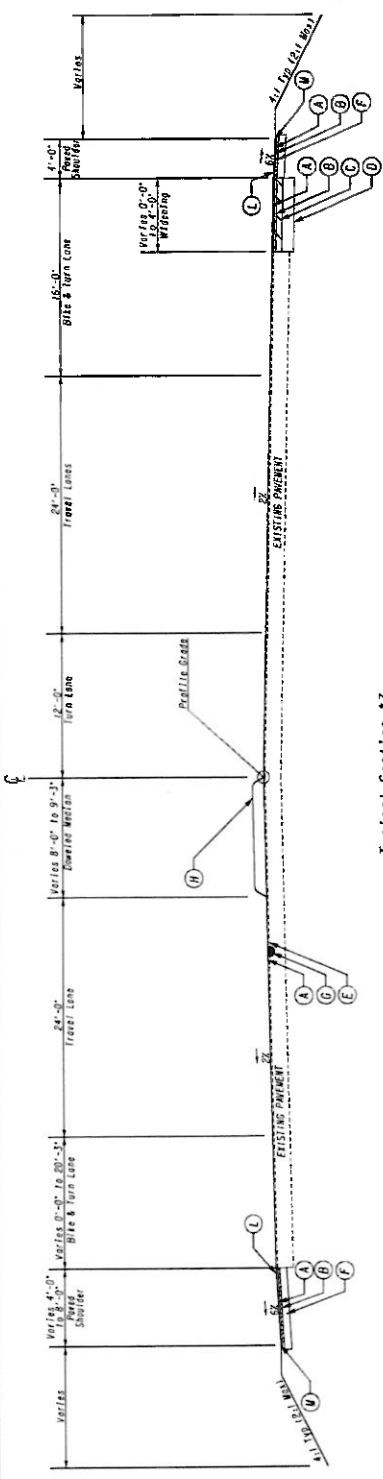
TYPICAL SECTIONS
SR 26 / US 80 AT
BULL RIVER

PROGRAM DELIVERY

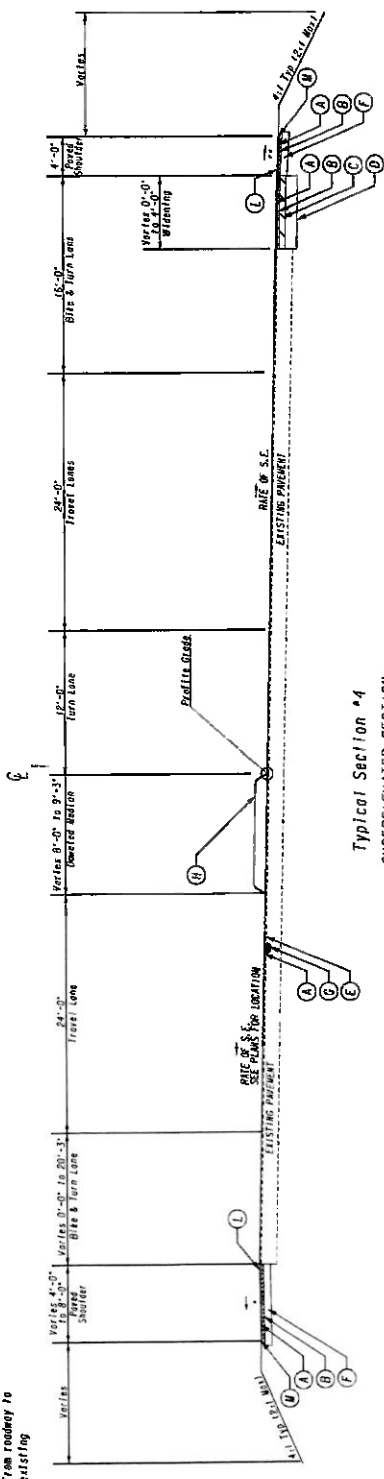
NOT TO SCALE

REVISION	DATE	BY	CHECKED	APPROVED

05-0001



Typical Section #3
SR26/US80
Sta. 19+30.48 to 23+83.97



Typical Section #4
SUPERELEVATED SECTION
SR26/US80

- NOTES:**
1. See roadway plans for superlevation 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 PAVEMENT:**
- (1) RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME 165 LBS/50 YD
 - (2) RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME, 220 LBS/50 YD
 - (3) RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME, 440 LBS/50 YD
 - (4) GR ASPR BASE CRS, 12 INCH, INCL MATL
 - (5) RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME - AS DIRECTED BY ENGINEER
 - (6) GR ASPR BASE CRS, 6 INCH, INCL MATL
 - (7) RECYCLED ASPH CONC PATCHING, INCL BITUM MATL & H LIME - AS DIRECTED BY ENGINEER
 - (8) CONCRETE MEDIAM, 6 IN (DOWELED)
 - (9) CONCRETE MEDIAM, 4 IN
 - (10) CONCRETE CURB & GUTTER, 8 IN X 30 IN, 1PP
 - (11) CONCRETE SIDEWALK, 6 IN
 - (12) INFILTRATION RIBBLE STRIPS - GROUND-IN-PLACE (GRIIP)
 - (13) Asphalt Pavement Treatment (APT)

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

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

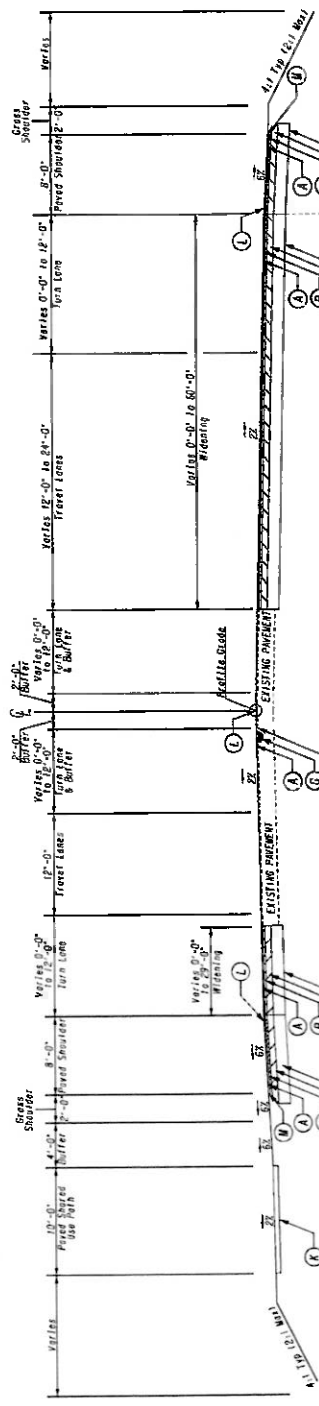
TYPICAL SECTIONS	
SR 26 / US 80 AT	
BILL RIVER	
05-0002	

REVISION DATES	

	NOT TO SCALE
--	--------------

TYLIN TECHNICAL
1000 Marietta St. NW, Suite 218
Atlanta, GA 30308
PHONE: (404) 841-885 FAX: (404) 841-0887

PROGRAM DELIVERY



Typical Section #5
SR26/US80
Sta. 23+83.97 to 38+50.00

Typical Section #5A
SR26/US80
Sta. 33+85.00 RT to 35+13.00 RT
Sta. 35+57.00 RT to 38+49.00 RT

Typical Section #6
SR26/US80
SUPERELEVATED SECTION

- REQUIRED ELEMENT**
- 1. RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM WATL & H LIME 165 LBS/SD YD
 - 2. RECYCLED ASPH CONC 19 mm SUPERPAVE, GP 1 OR 2, INCL BITUM WATL & H LIME 220 LBS/SD YD
 - 3. RECYCLED ASPH CONC 25 mm SUPERPAVE, GP 1 OR 2, INCL BITUM WATL & H LIME 440 LBS/SD YD
 - 4. OR AGR BASE CRS, 12 INCH, INCL WATL
 - 5. RECYCLED ASPH CONC LEVELING, INCL BITUM WATL & H LIME - AS DIRECTED BY ENGINEER
 - 6. OR AGR BASE CRS, 6 INCH, INCL WATL
 - 7. RECYCLED ASPH CONC PATCHING, INCL BITUM WATL & H LIME - AS DIRECTED BY ENGINEER
 - 8. CONCRETE MEDIAN, 6 FT W (UNWELED)
 - 9. CONCRETE WEDIAN, 4 IN
 - 10. CONCRETE CURB & GUTTER, 8 IN X 30 IN, 1 FT
 - 11. CONCRETE SUBBASE, 6 IN
 - 12. INERTANTION NUMBER STRIPS - GROUND-IN-PLACE (GIMP)
 - 13. Asphalt Pavement Treatment (PT)

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

SLOPE CONTROLS	
SLOPE	FALL
CUT	0-10'
	OVER 10'

* SHOULDER TO SLOPE AT NORMAL RATE. HOWEVER, THE ALGEBRAIC DIFFERENCE IN PAVING SLOPE AND SHOULDER SLOPE SHALL NOT EXCEED 0.1%.

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

TYPICAL SECTIONS	
SR 26 / US 80 AT	BULL RIVER
05-0003	

TYPICAL SECTIONS	
SR 26 / US 80 AT	BULL RIVER
05-0003	

TYPICAL SECTIONS	
SR 26 / US 80 AT	BULL RIVER
05-0003	

TYPICAL SECTIONS	
SR 26 / US 80 AT	BULL RIVER
05-0003	

TYPICAL SECTIONS	
SR 26 / US 80 AT	BULL RIVER
05-0003	

TYPICAL SECTIONS	
SR 26 / US 80 AT	BULL RIVER
05-0003	

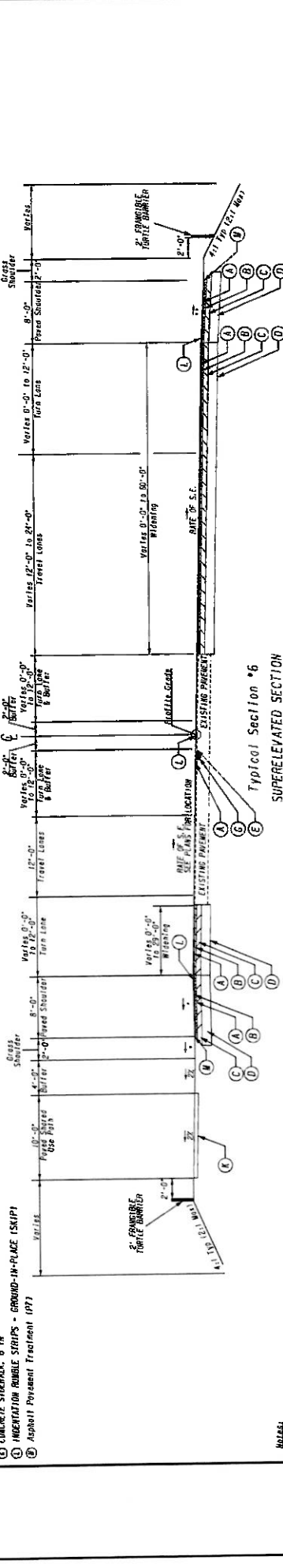
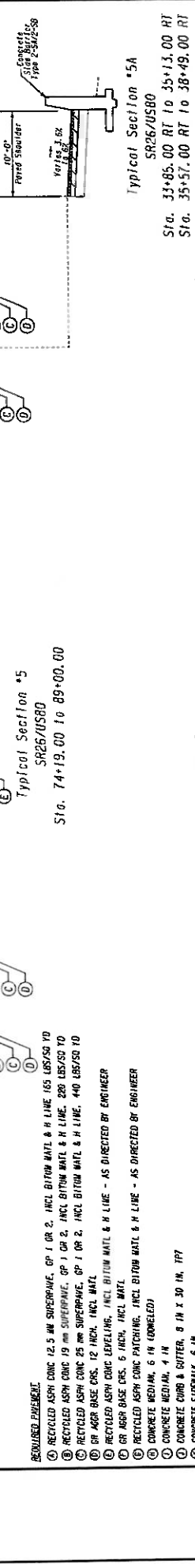
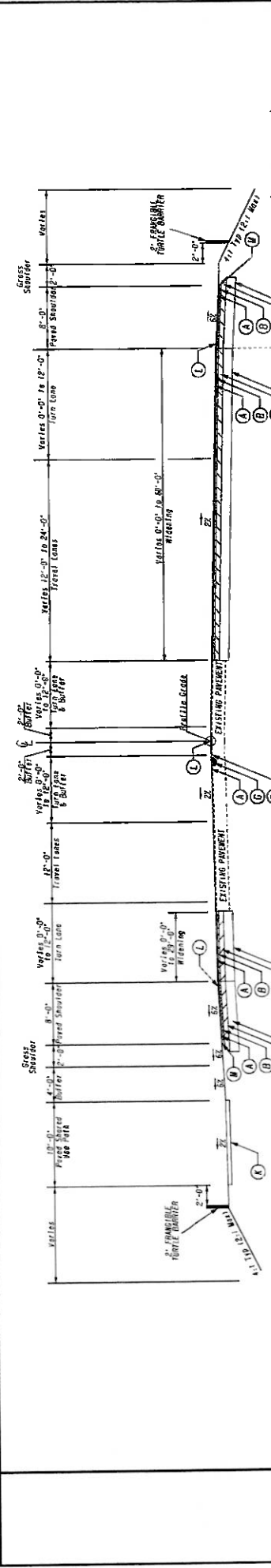
TYPICAL SECTIONS	
SR 26 / US 80 AT	BULL RIVER
05-0003	

TYPICAL SECTIONS	
SR 26 / US 80 AT	BULL RIVER
05-0003	

TYPICAL SECTIONS	
SR 26 / US 80 AT	BULL RIVER
05-0003	

TYPICAL SECTIONS	
SR 26 / US 80 AT	BULL RIVER
05-0003	

TYPICAL SECTIONS	
SR 26 / US 80 AT	BULL RIVER
05-0003	



RECYCLED PAVEMENT

- (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, 228 LBS/50 YD
- (3) RECYCLED ASPH CONC 25 mm SUPERPAVE, GP 1 OR 2, INCL BITUM WATL & H LINE, 440 LBS/50 YD
- (4) 8" OR 4" BASE CRS, 12" INCH, INCL WATL
- (5) RECYCLED ASPH CONC LEVELING, INCL BITUM WATL & H LINE - AS DIRECTED BY ENGINEER
- (6) 8" OR 4" OR BASE CRS, 6" INCH, INCL WATL
- (7) RECYCLED ASPH CONC PATCHING, INCL BITUM WATL & H LINE - AS DIRECTED BY ENGINEER
- (8) CONCRETE MEDIAN, 6" IN (LOWWELED)
- (9) CONCRETE MEDIAN, 4" IN
- (10) CONCRETE CURB & GUTTER, 8" IN X 30" IN, 1" FT
- (11) CONCRETE SIDEWALK, 6" IN
- (12) INDENTATION ROBULE STRIPS - GROUND-IN-PLACE (IS/PI)
- (13) Asphalt Pavement Treatment (APT)

NOTES:

1. See roadway plans for superelevation rates and transitions.
2. See roadway plans for location of gradebreak.
3. Shoulder may be graded away from roadway to facilitate the slope tie to existing ground.

TYPICAL SECTIONS
SR 26 / US 80 AT
BULL RIVER

PROGRAM DELIVERY

NOT TO SCALE

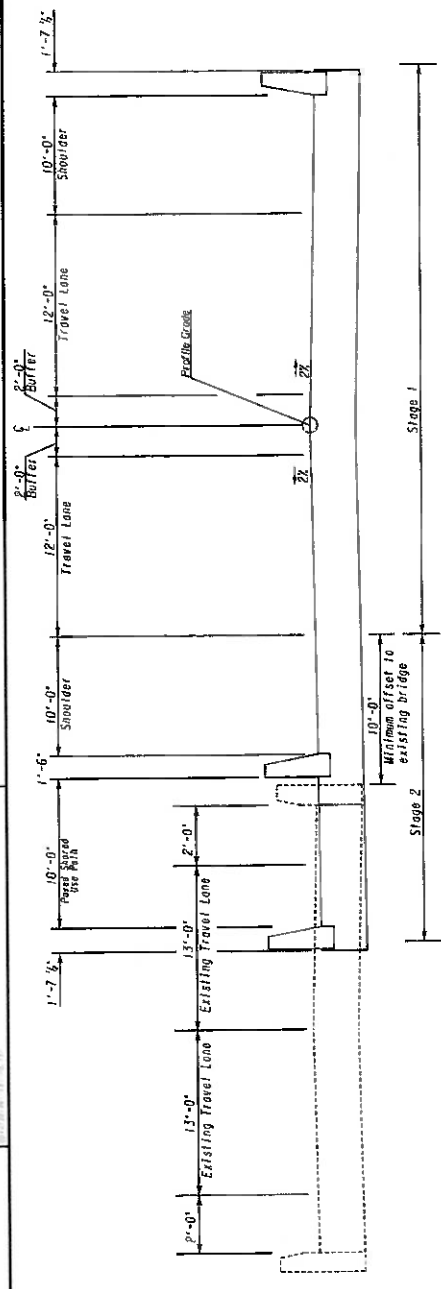
REVISION DATES

NO.	DATE	DESCRIPTION

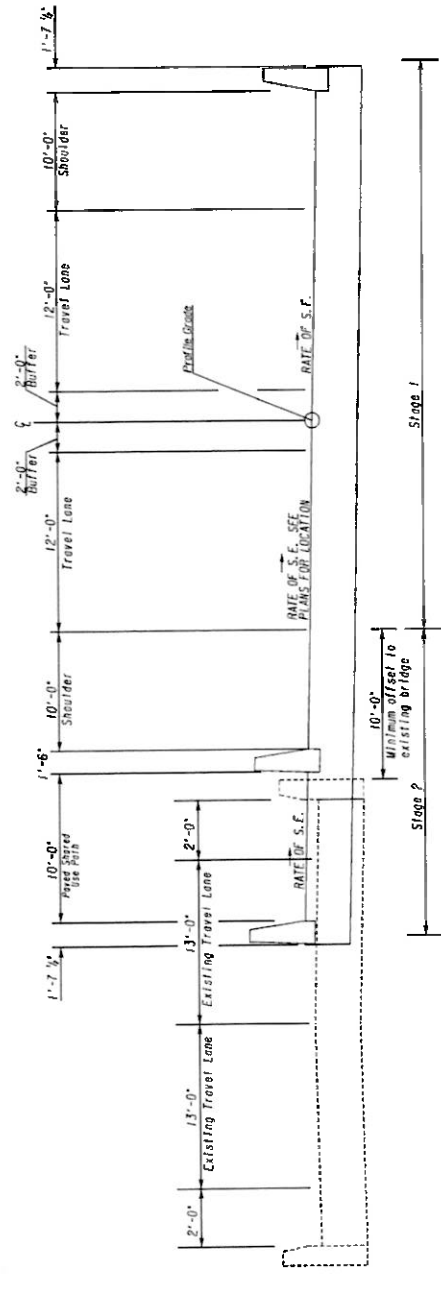
05-0004

STAGED CONSTRUCTION ON SOUTH SIDE

Stage 1: Construct bridge as shown with traffic on exist bridge lane, 35'.
 Stage 2: Shift traffic to new bridge, remove old bridge, and construct left side of new bridge.



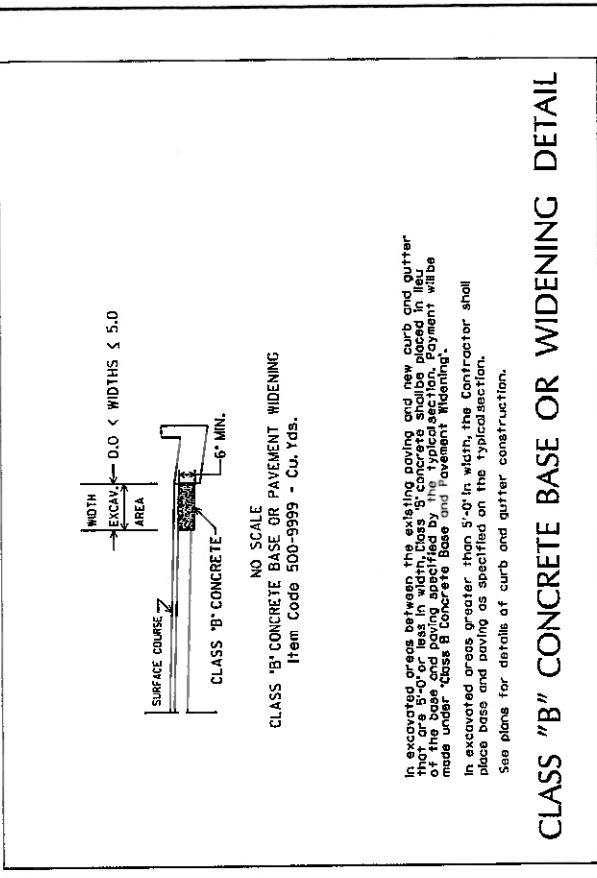
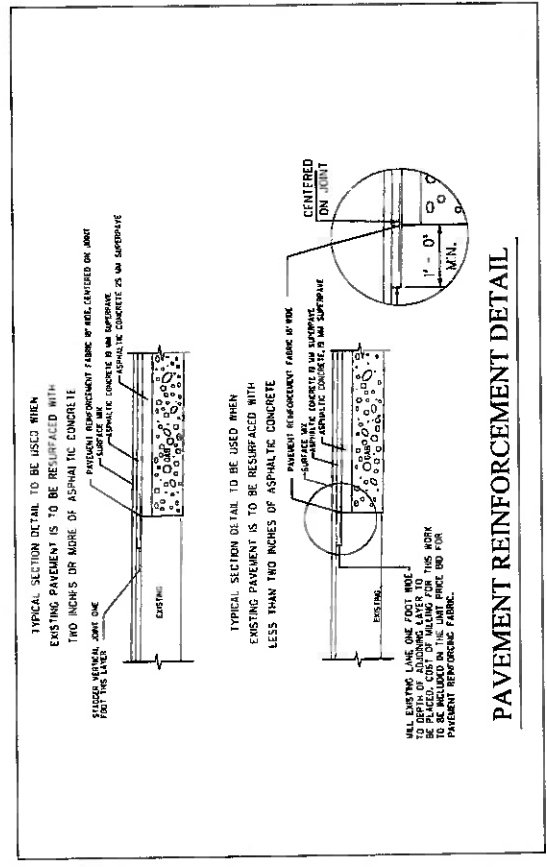
Typical Section #13
 SR26/US80
 Bull River Bridge
 Sta. 38+50.00 to 74+20.00



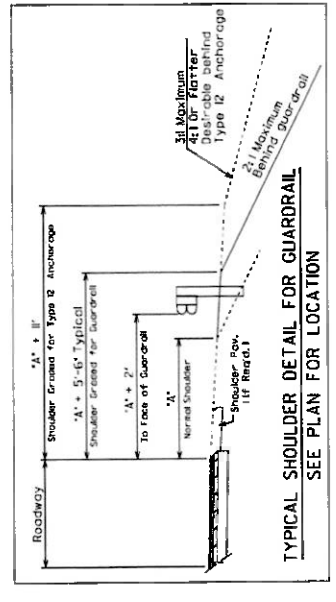
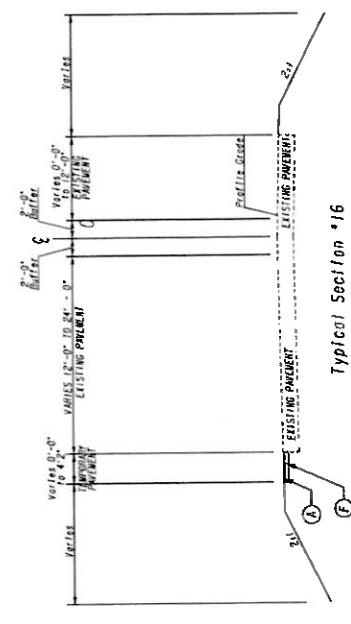
Typical Section #14
 SUPERELEVATED SECTION
 BULL RIVER BRIDGE

- Notes:
1. See roadway plans for superlevation rates and transitions.
 2. See roadway plans for location of guardrail.

	TYLIN TECHNICAL 1000 Marietta Gt. NW, Suite 238 Atlanta, GA 30018 PHONE: (404) 941-7888 FAX: (404) 941-7887	BRIDGE TYPICAL SECTIONS SR 26 / US 80 AT BULL RIVER	05-0005
		PROGRAM DELIVERY	NOT TO SCALE
REVISION DATES		DATE: _____ BY: _____	



- REQUIRED SPECIFICATIONS:**
- 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, 440 LBS/50 YD
 - ④ GP AGGR BASE CRS, 12 INCH, INCL WATL
 - ⑤ RECYCLED ASPH CONC LEVELING, INCL BITUM WATL & H LINE - AS DIRECTED BY ENGINEER
 - ⑥ GP AGGR BASE CRS, 6 INCH, INCL WATL
 - ⑦ RECYCLED ASPH CONC PATCHING, INCL BITUM WATL & H LINE - AS DIRECTED BY ENGINEER
 - ⑧ CONCRETE MEDIAN, 6 IN (DOWNLEED)
 - ⑨ CONCRETE MEDIAN, 4 IN
 - ⑩ CONCRETE CURB & GUTTER, 8 IN X 30 IN, TYP
 - ⑪ CONCRETE SIDEWALK, 6 IN
 - ⑫ INERTANTION TRIMBLE STRIPS - GROUND-IN-PLACE (SRIP)



GS&T

PROGRAM DELIVERY

NOT TO SCALE

TYLIN TECHNICAL
1000 Marietta St. NW, Suite 238
Atlanta, GA 30318
PHONE: (404) 841-7998 FAX: (404) 841-7887

TYPICAL SECTIONS
SR 26 / US 80 AT
BULL RIVER

REVISION DATES

NO.	DATE	DESCRIPTION

PROJECT NO. 16-000000-001

DATE: 05-05-06

FILE

PI NUMBER	0017414	PROJECT DESCRIPTION	SR 26/US 80 @ BULL RIVER
OFFICE	Program Delivery		
DATE	Monday, July 19, 2021		

From: Kimberly Nesbitt, State Program Delivery Administrator

To: Erik Rohde, P.E., State Project Review Engineer
via email Mailbox: CostEstimatesandUpdates@dot.ga.gov

Subject: REVISIONS TO PROGRAMMED COSTS

Project Manager:	Robert Johnson
Management Let Date:	
Management Right of Way Date:	

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 (T-Pro Without Inflation)	Last Estimate Date	Revised Cost Estimate
CONSTRUCTION	\$42,071,884.00	10/08/2020	\$42,769,807.02
RIGHT OF WAY	\$180,450.00	10/08/2020	
UTILITIES	\$3,700,000.00	01/07/2020	\$4,070,000.00


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 <small>Digitally signed by Nicoe Alexander DN: C=US, E=nicoe.alexander@tylin.com, CN=Nicoe Alexander Reason: I have reviewed this document Date: 2021.07.18 23:37:53-0400'</small></p>
Date:	7/19/2021

FOR PROJECTS WITH A LOCAL SPONSOR	
<p>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.</p>	
<p>Please select the appropriate validation below upon review of the cost estimate:</p> <p><input type="checkbox"/> I acknowledge that I have reviewed the project construction cost estimate and <u>concur</u> with the costs presented.</p> <p><input type="checkbox"/> I acknowledge that I have reviewed the project construction cost estimate but <u>do not concur</u> with the costs presented.</p>	
<p>Please provide an explanation for non-concurrence.</p>	
Local Authority Name and Title:	
Local Authority Signature:	
Date:	

Cost Estimate Worksheet:

CONSTRUCTION COST ESTIMATE (Required base estimate entered from CES and should not include E&I). →					A	\$ 38,029,297.25					
ENGINEERING AND INSPECTION (The default E&I percentage is 5.0%, but may be adjusted per project scope.) →					D	\$ 1,901,464.86					
Construction Cost	E&I Percentage	E&I Cost									
B	C	D = B x C									
\$ 38,029,297.25	5%	\$ 1,901,464.86									
CONTINGENCY (Refer to the Risk and Contingencies Table included in GDOT Policy 3A-9 Cost Estimating Purpose) →					I	\$ 2,795,153.35					
Construction Cost	E&I Cost	Construction + E&I	Contingency Percentage	Contingency Cost							
E	F	G = E + F	H	I = G x H							
\$ 38,029,297.25	\$ 1,901,464.86	\$ 39,930,762.11	7%	\$ 2,795,153.35							
ASPHALT FUEL PRICE ADJUSTMENT (Leave blank if not applicable) →											
Date	Jul 2021		Current Asphalt Fuel Index Prices can be found at the link below:								
Regular Unleaded	\$2.913/ GAL		http://www.dot.ga.gov/PS/Materials/AsphaltFuelIndex								
Diesel	\$3.098/ GAL										
Liquid AC	\$502.00/ TON										
Liquid AC	Tons	Percentage of Asphaltic Concrete	Tons of Asphaltic Concrete	Total Monthly Tonnage of Asphalt Cement (TMT)	Monthly Asphalt Cement Price month project let (APL)	Max. Cap	Monthly Asphalt Cement Price month placed (APM)	Price Adjustment (PA)			
Description	J	K	L = J x K	M = Sum of Columns L, T & W	N	O	P = (N x O) + N	Q = $\frac{[(P - N) / N]}{x M x N}$			
Leveling	100.00 TN	5.00%	5.00 TN	145.72 TN	\$502.00/ TON	60%	\$ 803.20	\$ 43,891.56			
Patching	50.00 TN	5.00%	2.50 TN								
9.5 mm SP											
12.5 OGFC											
12.5 PEM											
12.5 mm SP	133.00 TN	5.00%	6.65 TN								
19 mm SP	853.00 TN	5.00%	42.65 TN								
25 mm SP	1705.00 TN	5.00%	85.25 TN								
Bituminous Tack Coat	Tack Coat	GL/TN	Tons								
Description	R	S	T = R/S								
Tack Coat	855.00 GL	232.8234 GL/TN	3.67 TN								
Bituminous Tack Coat (Surface Treatment)	Description	U	V	W = $\frac{(U \times V)}{(232.8234 \text{ GL/TN})}$							
Single Surface Treatment			0.20 GI/SY								
Double Surface Treatment			0.44 GI/SY								
Triple Surface Treatment			0.71 GI/SY								
CONSTRUCTION TOTAL COST →					X = A+D+I+Q	\$ 42,769,807.02					
RIGHT OF WAY COST →					Y						
UTILITIES COST (Provided by Utility Office) →					Z = Sum of Reimbursable Costs	\$ 4,070,000.00					
Utility Owner	Reimbursable Cost	Utility Owner	Reimbursable Cost								
Ga Power Distribution	\$ 220,000.00										
Ga Power Transmission	\$ 3,850,000.00										

Project Cost Estimate

Concept Name: 0017414 Cost Estimate Name: 0017414_Pg

Projects Cost Estimate

Processed on: Jul-19-2021 08:50 AM

CONCEPT NAME: 0017414 COST ESTIMATE NAME: 0017414_Pg
SPEC YEAR: 21
ITEM HISTORY: BHP-ALL - Statewide - 24 months
DESCRIPTION: SR 26/US 80 at Bull River
ESTIMATE PHASE: 2-DE - Designers Estimate

ITEMS FOR CONCEPT NAME 0017414

0100 - Roadway

Line Number	Item	Quantity	Units	Price	Description	Amount
5	150-1000	1.00	LS	\$1,500,000.00	TRAFFIC CONTROL - PI 0017414	\$1,500,000.00
10	153-1300	1.00	EA	\$86,309.47	FIELD ENGINEERS OFFICE TP 3	\$86,309.47
15	163-0001	1.00	LS	\$1,000,000.00	EROSION CONTROL, NON-REFUNDABLE DEDUCTIONS PI 0017414	\$1,000,000.00
20	210-0100	1.00	LS	\$724,317.00	GRADING COMPLETE - PI 0017414	\$724,317.00
25	310-1101	7748.00	TN	\$30.49	GR AGGR BASE CRS, INCL MATL	\$236,255.35
30	402-1802	50.00	TN	\$189.14	RECYCLED ASPH CONC PATCHING, INCL BITUM MATL & H LIME	\$9,456.78
35	402-1812	100.00	TN	\$138.33	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	\$13,833.32
40	402-3121	1705.00	TN	\$115.08	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	\$196,218.00
45	402-3130	1133.00	TN	\$109.41	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	\$123,960.84
50	402-3190	853.00	TN	\$123.93	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	\$105,716.42
55	413-0750	865.00	GL	\$2.63	TACK COAT	\$2,274.24
60	432-5010	10000.00	SY	\$3.07	MILL ASPH CONC PVMT, VARIABLE DEPTH	\$30,651.10
65	433-1000	419.00	SY	\$232.89	REINF CONC APPROACH SLAB	\$97,580.43
70	441-0106	787.00	SY	\$42.50	CONC SIDEWALK, 6 IN	\$33,447.50
145	441-0748	375.00	SY	\$79.96	CONCRETE MEDIAN, 6 IN	\$29,984.70
75	446-1100	787.00	LF	\$5.71	PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH	\$4,494.14
80	456-2015	2.00	GLM	\$1,963.30	INDENTATION RUMBLE STRIPS - GROUND-IN-PLACE (SKIP)	\$3,926.60
85	550-1300	110.00	LF	\$91.97	STORM DRAIN PIPE, 30 IN, H 1-10	\$10,116.55
150	620-0100	1200.00	LF	\$43.53	TEMPORARY BARRIER, METHOD NO. 1	\$52,235.10
90	621-6002	20.00	LF	\$600.00	CONCRETE BARRIER, TP S-2	\$12,000.00
95	621-6003	40.00	LF	\$700.00	CONCRETE BARRIER, TP S-3	\$28,000.00
160	632-0003	4.00	EA	\$7,069.64	CHANGEABLE MESSAGE SIGN, PORTABLE, TYPE 3	\$28,278.57
155	634-1200	46.00	EA	\$119.24	RIGHT OF WAY MARKERS	\$5,485.10
100	636-1041	1400.00	SF	\$27.39	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 9	\$38,352.89
140	641-1100	160.00	LF	\$70.78	GUARDRAIL, TP T	\$11,324.41
105	641-1200	236.00	LF	\$27.12	GUARDRAIL, TP W	\$6,401.27
165	641-5001	2.00	EA	\$1,869.46	GUARDRAIL ANCHORAGE, TP 1	\$3,738.91
110	641-5012	2.00	EA	\$2,787.37	GUARDRAIL ANCHORAGE, TP 12	\$5,574.73
115	653-0120	32.00	EA	\$102.98	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	\$3,295.22
120	653-2501	4.00	LM	\$2,464.80	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	\$9,859.22
125	653-2502	8.00	LM	\$2,026.17	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	\$16,209.39
Roadway Total						\$4,429,297.25

0801 - Bridge 1

Line Number	Item	Quantity	Units	Price	Description	Amount
130	540-1102	1.00	LS	\$5,700,000.00	REMOVAL OF EXISTING BR, BR NO - No. 1	\$5,700,000.00
135	543-9000	1.00	LS	\$27,900,000.00	CONSTRUCTION OF BRIDGE COMPLETE - No. 1	\$27,900,000.00
Bridge 1 Total						\$33,600,000.00

TOTALS FOR CONCEPT NAME 0017414

ITEMS COST:	\$38,029,297.25
TYPICAL SECTION:	\$0.00
AdHoc PRICING:	\$0.00

ESTIMATED COST:	\$38,029,297.25
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:
 County Chatham
 P.I.# 0017414
 Description: SR 26/US @ Bull River

Office: District 5, Jesup
 Date: October 8, 2020

FROM Dallery Rozier, District Utilities Manager
 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	\$22,220.00	Site Visit / Available Drawings
Atlanta Gas Light Co.	\$0.00	\$13,310.00	Site Visit / Available Drawings
City of Savannah-Water	\$0.00	\$6,655.00	Site Visit / Available Drawings
City of Savannah-Sewer	\$0.00	\$13,310.00	Site Visit / Available Drawings
Comcast	\$0.00	\$10,648.00	Site Visit / Available Drawings
Georgia Power Co.-Distribution	\$220,000.00	\$0.00	Site Visit / Available Drawings
Georgia Power Co.-Transmission	\$3,850,000.00	\$0.00	Site Visit / Available Drawings
Total 100.00%	\$4,070,000.00	\$66,143.00	
Department Responsibility 100.00%	\$4,070,000.00		
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

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

Date: 11/24/2020 Project: SR 26/US 80 Improvements
 Revised: County: Chatham
 PI: 17414

Description: SR 26/US 80 over the Bull River
 Project Termini:

Existing ROW: Varies
 Required ROW: Varies
 Parcels: 11

Land and Improvements _____ \$1,134,600.00

Proximity Damage	\$0.00
Consequential Damage	\$250,000.00
Cost to Cures	\$7,500.00
Trade Fixtures	\$6,500.00
Improvements	\$19,500.00

Valuation Services _____ \$53,750.00

Legal Services _____ \$82,425.00

Relocation _____ \$33,000.00

Demolition _____ \$3,000.00

Administrative _____ \$94,500.00

TOTAL ESTIMATED COSTS _____ \$1,401,275.00

TOTAL ESTIMATED COSTS (ROUNDED) _____ \$1,402,000.00

Prepared By: Emory D. Dixon III *Emory D. Dixon III* November 24, 2020
 Print Name Signature Date

Cost Estimation Supervisor: Valencia Carter *Valencia Carter* 12/2/2020
 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:



DEPARTMENT OF TRANSPORTATION
 STATE OF GEORGIA

PLAN AND PROFILE OF PROPOSED
 BRIDGE REPLACEMENT/WIDENING
 SR 26 / US 80 AT BULL RIVER

TYLINS INTERNATIONAL
 280 PEACHTREE STREET SUITE 900
 ATLANTA, GEORGIA 30303
 PHONE: (404) 841-7886 FAX: (404) 841-7887

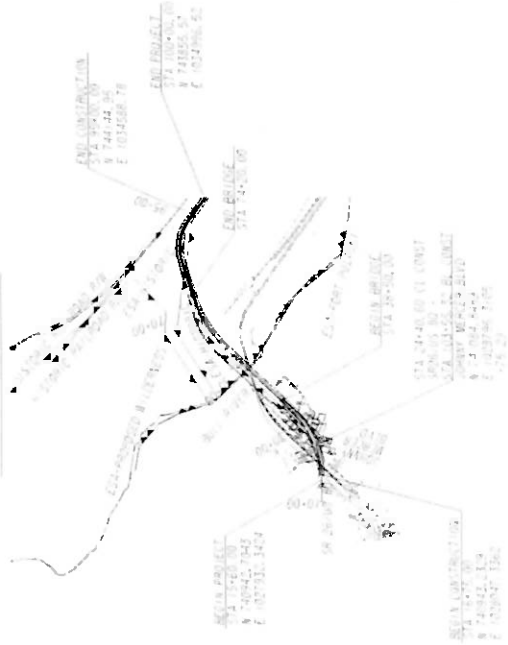
NOTE: ALL REFERENCED IN THIS DOCUMENT AND ALL PARALLELING, DOCUMENTS AND/OR PHOTOGRAPHS SHOULD BE USED IN CONNECTION WITH THIS DOCUMENT BY THE USER AT HIS OWN RISK. THE STATE OF GEORGIA, THE DEPARTMENT OF TRANSPORTATION AND THE DESIGNER SHALL BE DEEMED TO BEAR THE RESPONSIBILITY FOR ANY AND ALL DAMAGES, LOSSES AND EXPENSES THAT MAY BE INCURRED BY THE USER OF THIS DOCUMENT.

FEDERAL AID PROJECT
 CHATHAM COUNTY

FEDERAL ROUTE * 80
 STATE ROUTE * 26
 FILE NO. D174-H

DESIGN ENGINEER

STATE PROGRAM DESIGNER



STATION	POINT	LENGTH
1+00	1+00	100
1+100	1+100	100
1+200	1+200	100
1+300	1+300	100
1+400	1+400	100
1+500	1+500	100
1+600	1+600	100
1+700	1+700	100
1+800	1+800	100
1+900	1+900	100
2+000	2+000	100



DESIGN DATA:
 TRAFFIC ADT: 7,500 (2023)
 TRAFFIC ADT: 2,500 (2043)
 TRAFFIC ADT: 900 (2043)
 DIRECTIONAL DIST: 90%;
 TRUCKS: 4.5% (SUN-10); (COME)
 24 HR. TRUCKS: 1%
 SPEED DESIGN: 55 MPH

LOCATION & DESIGN APPROVAL DATE:
 FUNCTIONAL CLASS:
 URBAN PRINCIPAL ARTERIAL
 THIS PROJECT IS 90% IN CHATHAM COUNTY AND 10% IS COMPLETELY IN [unintelligible].
 PROJECT DESIGNATION: ELEVATED

THIS PROJECT HAS BEEN REVISIONED AND THE DESIGNER HAS REVIEWED THE PROJECT AND THE WORK HAS BEEN APPROVED FOR CONSTRUCTION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND LOCAL GOVERNMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND LOCAL GOVERNMENTS.

DATE	DESCRIPTION	BY

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

Date: 6/16/2022 Project: SR 26/US 80 Improvements
 Revised: County: Chatham
 PI: 0017414

Description: SR 26/US 80 Over the Bull River
 Project Termini: Johnny Mercer Blvd to East of Bull River

Existing ROW: Varies
 Required ROW: Varies
 Parcels: 11

Land and Improvements \$1,205,496.60

Proximity Damage	\$0.00
Consequential Damage	\$299,000.00
Cost to Cures	\$10,000.00
Trade Fixtures	\$8,000.00
Improvements	\$29,300.00

Valuation Services \$73,125.00

Legal Services \$82,425.00

Relocation \$33,000.00

Demolition \$1,500.00

Administrative \$87,000.00

TOTAL ESTIMATED COSTS \$1,482,546.60

TOTAL ESTIMATED COSTS (ROUNDED) \$1,483,000.00

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. It is assumed that the USTs that are located on Parcel 5A are being impacted but there would be ample area to close the tanks and relocate to another location. Estimate of cost for this from similar USTs from GDOT projects. Parking damages on Parcel 6 were assessed for temporary use of the front row of parking during the project. Minor site improvements estimated using Marshall Valuation Service as guide for estimating replacement costs. Any other improvements considered non-contributory to value.

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

Project/County/PI

SR 26/US 80 Improvements Chatham

0017414

	A	B	C	D
Land and Improvements	Agriculture	Residential	Commercial/Multi-Family	Conservation/Marsh
1 Estimate Low (sf)	\$500.00	\$0.00	\$6.70	\$0.16
2 Estimate High (sf)	\$0.00	\$0.00	\$21.38	\$2.11
3 Estimate Used (sf)	\$0.00	\$0.00	\$21.00	\$0.75
4 Fee Simple Area (sf)	0.00	0.00	2,727.00	0.00
5 Fee Simple Estimate	\$0.00	\$0.00	\$57,267.00	\$0.00
6 Perm Esmt Area (sf)	0.00	0.00	23,155.00	41,524.00
7 Perm Esmt Factor	75%	75%	75%	75%
8 Perm Esmt Estimate	\$0.00	\$0.00	\$364,691.25	\$23,357.25
9 Temp Esmt Area (sf)	0.00	0.00	0.00	40,163.00
10 Temp Esmt Factor	40%	40%	40%	40%
11 Temp Esmt Estimate	\$0.00	\$0.00	\$0.00	\$12,048.90
12 Proximity Damages	\$0.00	\$0.00	\$0.00	\$0.00
13 Consequential Damages	\$0.00	\$0.00	\$299,000.00	\$0.00
14 Cost to Cures	\$0.00	\$0.00	\$10,000.00	\$0.00
15 Improvements	\$0.00	\$0.00	\$29,300.00	\$0.00
16 Trade Fixtures	\$0.00	\$0.00	\$8,000.00	\$0.00
17				
18 PROPERTY TYPE TOTALS	\$0.00	\$0.00	\$768,258.25	\$35,406.15
19	SUB TOTAL PROPERTY TYPES			\$803,664.40
20	Counter Offers and Condemnation Increases			\$401,832.20
21				
22	GRAND TOTAL LANDS AND IMPROVEMENTS			\$1,205,496.60

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

Project/County/PI

SR 26/US 80 Improvements Chatham

0017414

	A	B	C	D
Valuation Services	Agriculture	Residential	Commercial/Multi-Family	Conservation/Marsh
1 Appraisals (# of Parcels)	0	0	9	2
2 Estimated Fees (per Parcel)	\$3,500.00	\$3,500.00	\$5,000.00	\$5,000.00
3 TOTAL APPRAISALS	\$0.00	\$0.00	\$45,000.00	\$10,000.00
4 Sign Estimates	0	0	1	0
5 Estimated Fees	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
6 TOTAL SIGN ESTIMATES	\$0.00	\$0.00	\$1,000.00	\$0.00
7 Specialty Reports	0	0	1	0
8 Estimated Fees	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
9 TOTAL SPECIALTY REPORTS	\$0.00	\$0.00	\$2,500.00	\$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 TOTAL SEPTIC/WELL REPORTS	\$0.00	\$0.00	\$0.00	\$0.00
13				
14				
15				
16 TOTAL VALUATION FEES	\$0.00	\$0.00	\$48,500.00	\$10,000.00
17	SUB TOTAL VALUATION SERVICES			\$58,500.00
18	Updates and Incidentals (Min \$2,500 or 25%)			\$14,625.00
19	GRAND TOTAL VALUATION SERVICES			\$73,125.00

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

Project/County/PI

SR 26/US 80 Improvements Chatham

0017414

	A	B	C	D
	Parcels	Estimated Fees		TOTALS
1	Meeting with Attorney	11	\$125.00	\$1,375.00
2	Preliminary Titles	11	\$200.00	\$2,200.00
3	Closing and Final Title	11	\$300.00	\$3,300.00
4	Recording Fees	11	\$50.00	\$550.00
5	Condemnation Filing	2	\$5,000.00	\$10,000.00
6	Litigation Costs	2	\$25,000.00	\$50,000.00
7	Updates and Incidentals	2	\$7,500.00	\$15,000.00
8				
9				
10				
11				
12				
13				
14				
15				
16				
17	GRAND TOTAL LEGAL SERVICES			\$82,425.00

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

Project/County/PI

SR 26/US 80 Improvements Chatham

0017414

	A	B	C	D
	Displacements	Estimated Costs		TOTALS
1	Business Displacement	0	\$30,000.00	\$0.00
2	Residential Tenant	0	\$35,000.00	\$0.00
3	Residential Owner	0	\$55,000.00	\$0.00
4	Pro-Rata Taxes	11	\$1,500.00	\$16,500.00
5	Property Pin Replacement	11	\$1,500.00	\$16,500.00
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17		GRAND TOTAL RELOCATION		\$33,000.00

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

Project/County/PI

SR 26/US 80 Improvements Chatham

0017414

	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	1	\$1,500.00	\$1,500.00
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		GRAND TOTAL DEMOLITION		\$1,500.00

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

Project/County/PI

SR 26/US 80 Improvements Chatham

0017414

	A	B	C	D
	Parcels	Man hours per Parcel		TOTALS
1	Administrative			
	Pre-Acquisition	11	40	\$22,000.00
2	Acquisition	11	100	\$55,000.00
3	Relocation	0	50	\$0.00
4	Administrative Appeals	0	50	\$0.00
5	Post-Acquisition	2	100	\$10,000.00
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17			GRAND TOTAL INHOUSE	\$87,000.00

ID/Code	Name	BL Project Start	BL Project Finish	Planned Duration	Remaining Duration	Actual Start	Actual Finish	Activity % Complete
0017414	0017414.SR.26/US.80 @ BULL RIVER	04-Nov-19	14-Mar-25	1,312.0d	1,220.0d	29-Oct-14		7.01%
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	12-May-21	14-Mar-25	970.0d	0.0d	09-May-17	23-Aug-17	100%
1Concept2PPFR	Concept Approval to PPFR Inspection	12-May-21	29-Aug-22	325.0d	0.0d	09-May-17	23-Aug-17	100%
0Concept2Prel	Concept Start to Preliminary Plans Start	30-Apr-20	11-May-21	0.0d	0.0d	09-May-17	09-May-17	100%
5FFPR2LET	FFPR Inspection to Let	30-Jul-24	14-Mar-25	164.0d	164.0d			0%
3PPR2ROWAUTH	PPFR Inspection to ROW authorization	31-Aug-22	15-Dec-23	321.0d	321.0d			0%
4ROW2LET	Row Auth to Let	18-Dec-23	14-Mar-25	323.0d	323.0d			0%
20Tech2EnvAPP	Start Technical Studies to Environmental Completion	13-Aug-21	27-Oct-23	550.0d	550.0d			0%
25TechComp2Env...	Technical Studies Complete to Environmental Completion	10-Feb-22	27-Oct-23	430.0d	430.0d			0%
1C	Scoping and Concept Phase							
00200	Scoping and Concept Development Phase LOE	30-Apr-20	11-May-21	0.0d	0.0d	13-May-20	13-May-20	100%
5	Develop Concept Report							
19311	Concept Report Development LOE	30-Apr-20	11-May-21	149.0d	0.0d	09-May-17	23-Aug-17	100%
A_DRAFT_CONCE...	Develop Draft Concept Report							
19322	Create & Submit Environmental Study Area Layout	21-May-20	28-May-20	5.0d	0.0d	04-Feb-19	04-Feb-19	100%
19313	Data Acquisition for Concept (with steps)	30-Apr-20	04-Sep-20	90.0d	0.0d	06-Dec-16	09-Mar-17	100%
19344	Develop and Evaluate Alternatives	08-Sep-20	05-Oct-20	20.0d	20.0d			0%
19352	Develop Concept Layout of Preferred Alternate (with steps)	30-Nov-20	03-Dec-20	4.0d	0.0d	09-May-17	23-Aug-17	100%
00750	Initial Concept Meeting	14-May-20	14-May-20	1.0d	1.0d	29-Oct-14	29-Oct-14	100%
02422	Prepare Property Notification Letter for draft concept work	30-Apr-20	13-May-20	10.0d	0.0d	13-May-20	13-May-20	100%
19349	Receive Environmental Resource Boundaries	27-Nov-20	27-Nov-20	0.0d	0.0d	04-Feb-19	04-Feb-19	100%
19357	Submit Draft Concept to PM for Concept Team Meeting	04-Dec-20	04-Dec-20	0.0d	0.0d	09-May-17	09-May-17	100%
B_CONCEPT_RVW	Draft Concept Report Review							
19358	Designer Responds to Concept Report Comments	06-Jan-21	20-Jan-21	10.0d	0.0d	09-May-17	09-May-17	100%
02722	PM Reviews Draft Concept Report	04-Dec-20	17-Dec-20	10.0d	0.0d	09-May-17	09-May-17	100%
02732	SME Offices Review Concept Report Prior to Concept Meeti...	18-Dec-20	05-Jan-21	10.0d	0.0d	09-May-17	19-May-17	100%
C_FINAL_CONCEPT	Finalize the Draft Concept Report							
02600	Concept Meeting	21-Jan-21	21-Jan-21	1.0d	1.0d	06-Dec-16	06-Dec-16	100%
19362	Designer Finalize Concept Report after Concept Meeting	22-Jan-21	04-Feb-21	10.0d	0.0d	09-May-17	19-May-17	100%
19372	Designer QA Finalized Concept Report (with steps)	05-Feb-21	18-Feb-21	10.0d	0.0d	09-May-17	19-May-17	100%
19379	Designer Submits Finalized Concept Report to PM	18-Feb-21	18-Feb-21	0.0d	0.0d	09-May-17	09-May-17	100%
D_APPROVE_CO...	Approve Concept Report							
02900	Concept Report Review and Comments	05-Mar-21	11-May-21	47.0d	0.0d	09-May-17	23-Aug-17	100%
03000	Management Concept Approval Complete	11-May-21	11-May-21	0.0d	0.0d	23-Aug-17	23-Aug-17	100%
02800	PM Review and Submit Finalized Concept Report for Appro...	19-Feb-21	04-Mar-21	10.0d	0.0d	09-May-17	09-May-17	100%
16.4.16	Environmental Activities (Concept Phase)							
16.7	Environmental Resource Identification							
11459	Environmental Resource Identification Complete	27-Nov-20	27-Nov-20	0.0d	0.0d			0%
11411	Environmental Resource Identification Summary	29-May-20	21-May-21	279.0d	240.0d	04-Feb-19	08-Feb-19	13.96%
11412	Receive Environmental Study Area Layout / Start Environme...	29-May-20	04-Jun-20	5.0d	0.0d	04-Feb-19	08-Feb-19	100%

ID/Code	Name	BL Project Start	BL Project Finish	Planned Duration	Remaining Duration	Actual Start	Actual Finish	Activity % Complete
16.7.1	Ecological Survey	05-Jun-20	28-Aug-20	60.0d	60.0d			0%
11413	Conduct Ecology Survey (with steps) non-seasonal	05-Jun-20	28-Aug-20	60.0d	60.0d			0%
11414	Conduct Ecology Survey for Seasonal Species	05-Jun-20	28-Aug-20	240.0d	240.0d			0%
11447	Receive Local/Consultant or review in-house Ecology Survey	31-Aug-20	31-Aug-20	0.0d	0.0d			0%
11448	Review and Accept Ecology Survey	31-Aug-20	27-Nov-20	60.0d	60.0d			0%
16.7.2	History Survey	05-Jun-20	28-Aug-20	60.0d	60.0d			0%
11453	Conduct History Survey (with steps)	31-Aug-20	31-Aug-20	0.0d	0.0d			0%
11457	Receive Local/Consultant or review in-house History Survey	31-Aug-20	27-Nov-20	60.0d	60.0d			0%
11458	Review and Accept History Survey	31-Aug-20	27-Nov-20	60.0d	60.0d			0%
16.7.3	Archaeological Survey	05-Jun-20	28-Aug-20	60.0d	60.0d			0%
11463	Conduct Archaeological Survey (with steps)	31-Aug-20	31-Aug-20	0.0d	0.0d			0%
11467	Receive Local/Consultant or review in-house Archaeology S...	31-Aug-20	27-Nov-20	60.0d	60.0d			0%
11468	Review and Accept Archaeological Survey	31-Aug-20	27-Nov-20	60.0d	60.0d			0%
16.4.16.3	PIOH (Concept Phase)	05-Jun-20	14-Sep-20	70.0d	0.0d	04-Feb-19	04-Feb-19	100%
09503	Environmental Preparation for PIOH (with steps)	05-Jun-20	28-Oct-20	105.0d	0.0d	04-Feb-19	30-Apr-19	100%
09500	PIOH (Concept Phase) Summary	05-Jun-20	27-Oct-20	60.0d	0.0d	30-Apr-19	30-Apr-19	100%
09510	Public Information Open House Advertisement (with steps)	08-Aug-20	28-Oct-20	0.0d	0.0d	30-Apr-19	30-Apr-19	100%
09530	Public Information Open House or Comment Period Held (...)	08-Aug-20	28-Oct-20	0.0d	0.0d	05-Mar-19	05-Mar-19	100%
09502	Request Public Information Open House (PIOH)	05-Jun-20	05-Jun-20	0.0d	0.0d			
SCOPING	Scoping (if needed)							
02400	Scoping LOE	04-Nov-19	04-Nov-19	0.0d	0.0d			0%
PAR	Practical Alternatives Report (PAR) (if needed) (requires scoping LOE)							
01700	PAR Summary	04-Nov-19	29-Apr-20	113.0d	0.0d	01-Mar-16	21-Jul-16	100%
PAR1	PAR Checkpoint 1							
01712	PAR Checkpoint 1a - Introduce Project to Agencies	04-Nov-19	06-Jan-20	40.0d	0.0d	01-Mar-16	21-Jul-16	100%
01719	PAR Checkpoint 1b - Decide if PAR process will continue	06-Jan-20	06-Jan-20	0.0d	0.0d	21-Jul-16	21-Jul-16	100%
PAR2	PAR Checkpoint 2							
01732	PAR Checkpoint 2a - Evaluation for Alternatives carried forward	07-Jan-20	03-Mar-20	40.0d	0.0d	01-Mar-16	21-Jul-16	100%
01742	PAR Checkpoint 2b - Agency evaluation of alternatives carried forward	04-Mar-20	29-Apr-20	40.0d	0.0d	01-Mar-16	21-Jul-16	100%
01749	PAR Checkpoint 2c - Submit range of alternatives	29-Apr-20	29-Apr-20	0.0d	0.0d	21-Jul-16	21-Jul-16	100%
1E	Preliminary Plans Phase							
20700	Preliminary Plans Phase Summary	15-Jan-20	13-Feb-24	976.0d	937.0d	26-Oct-15		4.00%
7	M54 (Municipal Separate Storm Sewer System) (if needed) ...							
7-1-01	M54 Design Activities (Designer)							
27282	PCSR Revisions Post-PPPR (if needed); Submit to ODPS	21-Oct-22	20-Dec-22	40.0d	40.0d			0%
27242	Prepare M54 Design and PCSR; Submit to ODPS	28-Jul-21	10-Aug-21	10.0d	10.0d			0%
27262	Prepare Stormwater BMP Infiltration Report (if needed); submit to ODPS	11-Aug-21	24-Aug-21	10.0d	10.0d			0%
7-1-02	M54 Design Activities (OPD)							
27267	PM Submits or verifies PCSR submission to ODPS	06-Jun-22	06-Jun-22	0.0d	0.0d			0%
7-1-03	M54 ODPS Activities							
27289	ODPS Submits PCSR to EPD	20-Dec-22	20-Dec-22	0.0d	0.0d			0%
27272	Receive and Review PCSR	06-Jun-22	01-Jul-22	20.0d	20.0d			0%
12.6	Pavement Management							
12.6.3	Pavement Design							

ID/Code	Name	BL Project Start	BL Project Finish	Planned Duration	Remaining Duration	Actual Start	Actual Finish	Activity % Complete
12.6.8	Pavement Design Review	06-May-22	01-Jul-22	40.0d	40.0d			0%
81600	Review Pavement Design	01-Jul-22	01-Jul-22	0.0d	0.0d			0%
81629	Transmit Approved Pavement Design to PM for PPR							
12.6.5	Pavement Design Activities							
21752	Develop Preliminary Pavement Design (in-house design or ...	29-Apr-22	05-May-22	5.0d	5.0d			0%
21759	PM or Designer Submit Pavement Design to OMAT for App...	05-May-22	05-May-22	0.0d	0.0d			0%
12.6.2	Pavement Evaluation							
21722	Conduct Pavement Evaluation	13-Aug-21	09-Feb-22	120.0d	0.0d	28-Oct-20	28-Oct-20	100%
21734	Review Pavement Evaluation	10-Feb-22	06-Apr-22	40.0d	0.0d	03-May-21	03-May-21	100%
21729	Submit Pavement Evaluation	09-Feb-22	09-Feb-22	0.0d	0.0d	30-Apr-21	30-Apr-21	100%
21739	Transmit Pavement Evaluation to PM for PPR	06-Apr-22	06-Apr-22	0.0d	0.0d	28-Jun-21	28-Jun-21	100%
12.6.10	Pavement Type Selection							
21732	Conduct Pavement Type Selection Report	05-Jul-22	06-Sep-22	45.0d	0.0d	23-Apr-21	23-Apr-21	100%
21782	Review Pavement Type Selection	07-Sep-22	04-Oct-22	20.0d	0.0d	02-Sep-21	02-Sep-21	100%
21777	Submit Pavement Type Selection	07-Sep-22	07-Sep-22	0.0d	0.0d	29-Jun-21	29-Jun-21	100%
21789	Transmit Pavement Type Selection to PM	04-Oct-22	04-Oct-22	0.0d	0.0d			0%
11	Soil Survey							
80550	Procurement for Soil Survey	09-Jul-21	01-Nov-21	0.0d	0.0d	22-Aug-20	22-Aug-20	100%
80200	Request Soil Survey	09-Jul-21	09-Jul-21	0.0d	0.0d	22-Aug-20	22-Aug-20	100%
80650	Review Soil Survey	09-Feb-22	30-Mar-22	40.0d	0.0d	22-Aug-20	22-Aug-20	100%
80799	Soil Survey Report Complete	30-Mar-22	30-Mar-22	0.0d	0.0d			0%
80600	Soil Survey Report Preparation	02-Nov-21	02-Feb-22	60.0d	0.0d	22-Aug-20	22-Aug-20	100%
80100	Soil Survey Summary	09-Jul-21	30-Mar-22	181.0d	0.0d	22-Aug-20	22-Aug-20	100%
16	Environmental Activities (Prelim, Plans Phase)							
10000	Environmental Activity LOE (11412 through 18100)	29-May-20	27-Oct-23	860.0d	865.0d	04-Feb-19		0%
18100	Environmental Approval Complete (if state funds: Env. Activ...	27-Oct-23	27-Oct-23	0.0d	0.0d			0%
16.8	Technical Studies							
13499	Environmental Technical Studies Complete	09-Feb-22	09-Feb-22	0.0d	0.0d			0%
13417	Receive Preliminary Plans to Begin Technical Studies	13-Aug-21	13-Aug-21	0.0d	0.0d			0%
13411	Technical Studies Summary	13-Aug-21	09-Feb-22	120.0d	120.0d			0%
16.8.1	Assessment of Effects (AOE) and Agency Consultation for E...							
13472	Conduct Agency Consultation for Ecology	10-Dec-21	09-Feb-22	40.0d	40.0d			0%
13463	Prepare Assessment of Effects (AOE) for Ecology (with steps)	13-Aug-21	08-Oct-21	40.0d	40.0d			0%
13467	Receive Local/Consultant Assessment of Effects (AOE) for E...	12-Oct-21	12-Oct-21	0.0d	0.0d			0%
13468	Review and Accept AOE - Ecology	12-Oct-21	09-Dec-21	40.0d	40.0d			0%
16.8.2	Cultural Resource Assessment of Effects (AOE) - History							
13473	Conduct Section 106 Consultation - History (with steps)	13-Aug-21	08-Oct-21	40.0d	40.0d			0%
13477	Receive Local/Consultant Assessment of Effects (AOE) - His...	12-Oct-21	12-Oct-21	0.0d	0.0d			0%
13478	Review and Accept AOE - History	12-Oct-21	09-Feb-22	80.0d	80.0d			0%
16.8.3	Noise Analysis							
13483	Conduct Noise Analysis (with steps)	13-Aug-21	08-Oct-21	40.0d	40.0d			0%
13487	Receive Local/Consultant Noise Analysis	12-Oct-21	12-Oct-21	0.0d	0.0d			0%
13488	Review and Accept Noise Analysis	12-Oct-21	09-Feb-22	80.0d	80.0d			0%
16.8.4	Air Quality Analysis							

ID/Code	Name	BL Project Start	BL Project Finish	Planned Duration	Remaining Duration	Actual Start	Actual Finish	Activity % Complete
13493	Conduct Air Quality Analysis (with steps)	08-Oct-21	08-Oct-21	40.0d	40.0d			0%
13497	Receive Local/Consultant Air Quality Analysis	12-Oct-21	12-Oct-21	0.0d	0.0d			0%
13498	Review and Accept Air Quality Analysis	12-Oct-21	09-Feb-22	80.0d	80.0d			0%
16.8.2.5	Cultural Resource Assessment of Effects (AOE) - Archaeology	13-Aug-21	08-Oct-21	40.0d	40.0d			0%
13453	Conduct Section 106 Consultation - Archaeology (with steps)	12-Oct-21	12-Oct-21	0.0d	0.0d			0%
13457	Receive Local/Consultant Assessment of Effects (AOE) - Arc...	12-Oct-21	09-Feb-22	80.0d	80.0d			0%
13458	Review and Accept AOE - Archaeology							
16.10	Environmental Documents							
14311	NEPA Document Summary	13-Sep-21	27-Oct-23	530.0d	530.0d			0%
16.10.1	EA							
14321	NEPA class of Action Determination (1 Year LOE from Decisi...	06-May-22	27-Oct-23	370.0d	370.0d			0%
16.10.1.5	Draft EA							
14342	Conduct Agency Consultation Concurrence for Cultural Res...	06-May-22	03-Jun-22	20.0d	20.0d			0%
14325	Decision Made to Pursue EA/FONSI	10-Mar-22	10-Mar-22	0.0d	0.0d			0%
14333	FHWA Review of Draft EA & Approval to Advance to Public ...	06-May-22	01-Aug-22	60.0d	60.0d			0%
14323	Prepare Draft NEPA Document (with steps)	10-Dec-21	09-Mar-22	60.0d	60.0d			0%
14327	Receive Local/Consultant Draft EA/FONSI	10-Mar-22	10-Mar-22	0.0d	0.0d			0%
14328	Review Draft EA	10-Mar-22	05-May-22	40.0d	40.0d			0%
14329	Submit Draft EA	05-May-22	05-May-22	0.0d	0.0d			0%
16.10.1.15	Final EA							
14433	FHWA Review of Final EA/FONSI (with steps)	10-Apr-23	05-Jul-23	60.0d	60.0d			0%
14423	Prepare Final EA/FONSI (with steps)	29-Nov-22	24-Feb-23	60.0d	60.0d			0%
14427	Receive Local/Consultant Final EA/FONSI	27-Feb-23	27-Feb-23	0.0d	0.0d			0%
14428	Review Final EA/FONSI	27-Feb-23	07-Apr-23	30.0d	30.0d			0%
14429	Submit Final EA/FONSI to FHWA	07-Apr-23	07-Apr-23	0.0d	0.0d			0%
16.10.1.11	4F (in conjunction with EA)							
14345	Develop Draft Section 4(f) Evaluation	13-Sep-21	23-Mar-22	130.0d	130.0d			0%
14445	Develop Final Section 4(f) Evaluation	29-Nov-22	24-Feb-23	60.0d	60.0d			0%
14373	Draft EA/4(f) Interior Review	29-Nov-22	27-Jan-23	40.0d	40.0d			0%
14473	Final EA/4(f) Interior and Agency Review	31-Aug-23	27-Oct-23	40.0d	40.0d			0%
14357	Receive Local/Consultant Draft 4F (for EA)	24-Mar-22	24-Mar-22	0.0d	0.0d			0%
14457	Receive Local/Consultant Final 4F (for EA)	27-Feb-23	27-Feb-23	0.0d	0.0d			0%
14348	Review Draft Section 4(f)	24-Mar-22	05-May-22	30.0d	30.0d			0%
14448	Review Final Section 4(f)	27-Feb-23	07-Apr-23	30.0d	30.0d			0%
14359	Submit Draft EA/4(f) Evaluation to FHWA for Approval	06-May-22	01-Aug-22	60.0d	60.0d			0%
14363	Submit Final EA/4(f) Evaluation to FHWA for Approval	02-Aug-22	28-Nov-22	80.0d	80.0d			0%
14453	Submit Final EA/4(f) Evaluation to FHWA for Approval	10-Apr-23	05-Jul-23	60.0d	60.0d			0%
14463	Submit Final EA/4(f) for Legal Review and Revisions [2nd]	06-Jul-23	30-Aug-23	40.0d	40.0d			0%
16.4.26	Public Hearing Open House (PHOH) with EA and GEPA EER ...							
14343	Prepare For and Conduct PHOH (with steps)	02-Aug-22	13-Sep-22	30.0d	30.0d			0%
14347	Public Hearing Held	14-Sep-22	14-Sep-22	0.0d	0.0d			0%
14352	Respond to PHOH Comments	14-Sep-22	26-Oct-22	30.0d	30.0d			0%
16.5	PIOH Public Meetings (Prelim. Plans Phase)							
16.4	PIOH (during Preliminary Design Phase)							

ID/Code	Name	BL Project Start	BL Project Finish	Planned Duration	Remaining Duration	Actual Start	Actual Finish	Activity % Complete
08032	Environmental Preparation for PIOH (with steps)	12-May-21	19-Aug-21	70.0d	0.0d	04-Feb-19	04-Feb-19	100%
09000	PIOH Summary	12-May-21	04-Oct-21	103.0d	0.0d	04-Feb-19	30-Apr-19	100%
09100	Public Information Open House Advertisement (with steps)	09-Jul-21	01-Oct-21	60.0d	0.0d	30-Apr-19	30-Apr-19	100%
09300	Public Information Open House or Comment Period Held	04-Oct-21	04-Oct-21	0.0d	0.0d	30-Apr-19	30-Apr-19	100%
09025	Request Public Information Open House (PIOH)	12-May-21	12-May-21	0.0d	0.0d	30-Apr-19	30-Apr-19	100%
UTL1	SUE and 1st Submission Utilities							
20927	Conduct Utility Field (UFM) Meeting / Preliminary Utility Rel...	27-Jan-22	27-Jan-22	0.0d	0.0d			0%
20900	Request/Receive Utilities First Submission	13-Aug-21	23-Dec-21	90.0d	0.0d	18-Jun-20	21-Dec-20	100%
20929	Utility and ROW Coordination Meeting (Pilot testing this ac...	27-Oct-22	27-Oct-22	0.0d	0.0d			0%
1E-ROW	ROW Plan Activities (if needed)							
17	Location and Design							
60100	L & D Approval	30-Oct-23	15-Nov-23	12.0d	12.0d			0%
60500	L & D Approval Advertisement	20-Nov-23	13-Feb-24	60.0d	60.0d			0%
60600	Location and Design Summary	23-Nov-22	13-Feb-24	306.0d	306.0d			0%
60050	PM Submit L & D Report	23-Nov-22	23-Nov-22	1.0d	1.0d			0%
16.13	Environmental Certification for ROW Authorization							
70300	Environmental Certification for ROW Authorization Complete	06-Nov-23	10-Nov-23	5.0d	5.0d			0%
18112	Receive Revised Plans & Change Form (if changes made as ...	30-Oct-23	03-Nov-23	5.0d	5.0d			0%
18	ROW Plans							
50400	ROW Plans Final Approval	19-Sep-23	15-Nov-23	40.0d	40.0d			0%
50100	ROW Plans Preparation	21-Oct-22	10-Nov-22	15.0d	15.0d			0%
50000	ROW Plans Summary	21-Oct-22	10-Nov-22	266.0d	266.0d			0%
50300	Submit Right of Way Plans	14-Nov-22	14-Nov-22	0.0d	0.0d			0%
9.4	Environmental Site Assessment Phase II (if needed)							
27852	ESA Phase II Report Preparation	14-May-21	06-Dec-21	140.0d	140.0d			0%
27854	OMAT Review of Draft ESA Phase II Report	07-Dec-21	09-Feb-22	43.0d	43.0d			0%
27847	Receive Layout for ESA Phase II	14-May-21	14-May-21	0.0d	0.0d			0%
27841	UST/HW Site Assessment (ESA) Phase II Summary	14-May-21	09-Feb-22	183.0d	183.0d			0%
12.3	Preliminary Bridge Design							
22000	Preliminary Bridge Design Summary	20-Sep-21	28-Apr-22	174.0d	5.0d	25-Apr-17		97.13%
12.3.10	Preliminary Bridge Plan Reviews (Bridge Office Activities)							
22351	Preliminary Bridge Plan Review Summary	02-Mar-22	28-Apr-22	174.0d	0.0d	03-Jan-19		100%
22400	Preliminary Bridge Plans Accepted/Approved	28-Apr-22	28-Apr-22	0.0d	0.0d	03-Jan-19	03-Jan-19	100%
22359	Receive Preliminary Bridge Plans for Bridge Office Review (...	02-Mar-22	02-Mar-22	0.0d	0.0d	03-Jan-19	03-Jan-19	100%
22379	Send Markup Plans to Designer for Correction	13-Apr-22	13-Apr-22	0.0d	0.0d			0%
PPP Request	PM Request Submit or Verify Prel. Bridge Plans (OPD Activit...							
22229	PM submits or verifies that Prel. Bridge Plan Response has ...	20-Apr-22	20-Apr-22	0.0d	0.0d			0%
22227	PM submits or verifies that preliminary bridge layouts have...	03-Mar-22	03-Mar-22	0.0d	0.0d	03-Jan-19	03-Jan-19	100%
22100	Request Preliminary Bridge Layout	20-Sep-21	20-Sep-21	0.0d	0.0d	22-May-17	22-May-17	100%
PPP Plans	Preliminary Bridge Layouts (Design Activities)							
22300	Bridge Hydraulic Study and Layout Development (over stre...	20-Sep-21	02-Mar-22	110.0d	110.0d	25-Apr-17	03-Jan-19	100%
12.4	PPPR							
40200	PPPR Inspection	30-Aug-22	30-Aug-22	1.0d	1.0d			0%
40400	PPPR Report Approval and Distribution	15-Sep-22	15-Sep-22	0.0d	0.0d			0%

ID/Code	Name	BL Project Start	BL Project Finish	Planned Duration	Remaining Duration	Actual Start	Actual Finish	Activity % Complete
40300	PPPR Report Preparation	31-Aug-22	14-Sep-22	10.0d	10.0d			0%
40100	PPPR Request (ES)	02-Aug-22	29-Aug-22	20.0d	20.0d			0%
40000	PPPR Summary	02-Aug-22	20-Oct-22	56.0d	56.0d			0%
40550	PM Distributes PPPR Responses	20-Oct-22	20-Oct-22	0.0d	0.0d			0%
39500	PM Request PPPR	02-Aug-22	02-Aug-22	0.0d	0.0d			0%
40450	PM Submits PPPR Responses to ES	15-Sep-22	13-Oct-22	20.0d	20.0d			0%
40500	Verify PPPR Responses	14-Oct-22	20-Oct-22	5.0d	5.0d			0%
B	Location and Database Preparation							
20650	Database Complete	11-May-21	11-May-21	0.0d	0.0d	05-May-21	05-May-21	100%
20000	Database Summary	15-Jan-21	11-May-21	81.0d	81.0d	26-Oct-15	05-May-21	100%
20050	Start Database Preparation	15-Jan-21	15-Jan-21	0.0d	0.0d	05-May-21	05-May-21	100%
B.2	Field Surveys							
20450	Field Survey Summary	15-Jan-21	11-May-21	81.0d	81.0d	26-Oct-15	05-May-21	100%
20500	Field Surveys	15-Jan-21	15-Feb-21	21.0d	21.0d	26-Oct-15	02-Jan-17	100%
20625	Review Local/Consultant Field Surveys	16-Mar-21	11-May-21	40.0d	40.0d	14-Jan-21	05-May-21	100%
20600	SDE Process Work	16-Feb-21	15-Mar-21	20.0d	20.0d	02-Jan-17	04-Jun-18	100%
9.3	Environmental Site Assessment (ESA) Phase I							
27821	Environmental Site Assessment (ESA) Phase I Report Prepara...	29-May-20	23-Oct-20	103.0d	103.0d			0%
27832	ESA Phase I Report Preparation	29-May-20	21-Aug-20	60.0d	60.0d			0%
27834	OMAT Review of Draft ESA Phase I Report	24-Aug-20	23-Oct-20	43.0d	43.0d			0%
27827	Receive Layout for ESA Phase I	29-May-20	29-May-20	0.0d	0.0d			0%
2.2	Procurement for Preliminary Design or other task order (if ...							
33222	Consultant Acquisition (request through modification)	09-Apr-20	30-Dec-20	180.0d	180.0d			0%
33232	Consultant Kick-Off Meeting	31-Dec-20	14-Jan-21	10.0d	10.0d			0%
33229	Notice to Proceed (NTP) for Consultant Contract	30-Dec-20	30-Dec-20	0.0d	0.0d			0%
33212	Prepare Procurement Requisition Form	15-Jan-20	08-Apr-20	60.0d	60.0d			0%
33217	Procurement Requisition Form Submitted by PM	09-Apr-20	09-Apr-20	0.0d	0.0d			0%
12.21	Preliminary Roadway Plans (Designer Activities)							
21311	Preliminary Roadway Plans LOE (Designer Activities)	12-May-21	28-Apr-22	155.0d	405.0d	12-May-21		0%
PREL_PH_1	Preliminary Plans Phase 1 -- Prior to A3M							
21344	Geometric Design	12-May-21	08-Jul-21	40.0d	40.0d			0%
21317	Start Preliminary Roadway Plans	12-May-21	12-May-21	0.0d	0.0d	12-May-21	12-May-21	100%
PREL_PH_2	Preliminary Plans Phase 2 -- Post-A3M and Prior to Submit ...							
20937	Conduct Avoidance and Minimization Measures Meeting (...)	09-Jul-21	09-Jul-21	0.0d	0.0d			0%
21362	Conduct QA of Preliminary Geometry	09-Jul-21	20-Jul-21	8.0d	8.0d			0%
21382	Develop Roadway Drainage Design	21-Jul-21	27-Jul-21	5.0d	5.0d			0%
21347	First Submission Utilities Plan to PM	13-Aug-21	13-Aug-21	0.0d	0.0d			0%
20940	Request/Receive Preliminary Lighting Layout (Photometric)	13-Aug-21	10-Sep-21	20.0d	20.0d			0%
21397	Submit Preliminary Plans to GDOT Offices for Bridge QES T...	13-Aug-21	13-Aug-21	0.0d	0.0d	03-Jan-19	03-Jan-19	100%
PREL_PH_3	Preliminary Plans Phase 3 -- Prepare for PPPR							
21553	Conduct Constructability Review (with steps)	20-Sep-21	18-Oct-21	20.0d	20.0d			0%
21713	Designer QA Review of Preliminary Roadway Plans (with ste...	07-Apr-22	28-Apr-22	15.0d	15.0d			0%
21562	Develop Erosion Control Plans	19-Oct-21	01-Nov-21	10.0d	10.0d			0%
21372	Develop Preliminary Signal, Signage & Marking Plans	26-Oct-21	16-Nov-21	15.0d	15.0d			0%

01-Sep-22

ID/Code	Name	BL Project Start	BL Project Finish	Planned Duration	Remaining Duration	Actual Start	Actual Finish	Activity % Complete
21534	Develop Staging Plans and Cross Sections	13-Aug-21	17-Sep-21	25.0d	25.0d			0%
21592	Develop/Update Construction Cost Estimate	17-Nov-21	02-Dec-21	10.0d	10.0d			0%
21572	Place ROW and Easement Requirements	02-Nov-21	16-Nov-21	10.0d	10.0d			0%
21542	Plot Existing Utility Locations	31-Mar-22	06-Apr-22	5.0d	5.0d			0%
24500	PM Reviews PPR Package	05-Jul-22	11-Jul-22	5.0d	5.0d			0%
25000	Preliminary Plans Complete	11-Jul-22	11-Jul-22	0.0d	0.0d			0%
21717	Submit Preliminary Plans to PM for PPR	28-Apr-22	28-Apr-22	0.0d	0.0d			0%
PREL_PH.4	Preliminary Plans Phase 4 - During and Post PPR							
41313	Implementation of ROW Footprint Comments (with steps)	21-Oct-22	22-Nov-22	20.0d	20.0d			0%
1G	Final Design							
206	ROW Acquisition (if needed)							
70000	ROW Acquisition Summary	15-Dec-23	23-Dec-24	264.0d	264.0d			0%
70400	ROW Authorization	15-Dec-23	15-Dec-23	0.0d	0.0d			0%
73000	ROW Negotiations and Acquisition Work	18-Dec-23	23-Dec-24	264.0d	264.0d			0%
20.7	BFI and Final Bridge Design (if needed)							
82400	Final Bridge Design LOE	14-Nov-23	14-Jun-24	150.0d	150.0d			0%
14.2.5	BFI (Bridge Foundation Investigation)							
80700	BFI Report LOE	20-Jul-23	05-Apr-24	180.0d	180.0d			0%
14.1.5	BFI Scoping and Procurement (if needed)							
81150	Procurement for BFI (if needed)	20-Jul-23	13-Oct-23	60.0d	60.0d		21-Apr-21	100%
80800	Request BFI (Date Request Accepted)	20-Jul-23	20-Jul-23	0.0d	0.0d		21-Apr-21	100%
80792	Scoping for BFI	24-Apr-23	19-Jul-23	60.0d	60.0d		05-Jan-21	100%
14.1.9	BFI Report Prep							
81200	BFI Report Preparation	16-Oct-23	09-Feb-24	80.0d	80.0d		21-Apr-21	0%
14.2.9	BFI Report Review and Letters							
81249	BFI Report Accepted/Completed	05-Apr-24	05-Apr-24	0.0d	0.0d			0%
81229	OMAT Receive Local/Consultant BFI (v1) OR Submits Found...	09-Feb-24	09-Feb-24	0.0d	0.0d			0%
81239	OMAT Receive Local/Consultant BFI (v2) OR Submit Load L...	08-Mar-24	08-Mar-24	0.0d	0.0d			0%
20.3.2.2	Bridge Constructability Review							
82332	Request/Receive Bridge Constructability Review (over strea...	20-May-24	14-Jun-24	20.0d	20.0d			0%
20.3.2.1	Final Bridge Plan Reviews (Bridge Office Activities)							
82451	Final Bridge Plan Review Summary	19-Apr-24	14-Jun-24	40.0d	40.0d			0%
82459	Final Bridge Plans Accepted/Approved	14-Jun-24	14-Jun-24	0.0d	0.0d			0%
82459	Receive Final Bridge Plans for Bridge Office Review (40 days...	19-Apr-24	19-Apr-24	0.0d	0.0d			0%
82479	Send Markup Plans to Designer for Correction	31-May-24	31-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...	14-Nov-23	09-Feb-24	60.0d	60.0d			0%
81152	Final Bridge Plans coordination with BFI (Receipt of draft BF...	12-Feb-24	05-Apr-24	40.0d	40.0d			0%
81162	Final Bridge Plans QA Review (BFI complete to submit plans...	08-Apr-24	19-Apr-24	10.0d	10.0d			0%
82229	PM Submit or Verify Completion of Final Bridge Plans (OPP...							
82227	PM submits or verifies that Final Bridge Plan Response has ...	07-Jun-24	07-Jun-24	0.0d	0.0d			0%
20.9	PM submits or verifies that final bridge plans have been su...	22-Apr-24	22-Apr-24	0.0d	0.0d			0%
81312	Final Design Phase							
81312	Complete/Submit Environmental Change Form	12-Aug-24	23-Aug-24	10.0d	10.0d			0%

ID/Code	Name	BL Project Start	BL Project Finish	Planned Duration	Remaining Duration	Actual Start	Actual Finish	Activity % Complete
87000	Final Construction Plans Complete	21-Jun-24	21-Jun-24	0.0d	0.0d			0%
81300	Final Design Phase Summary	30-Oct-23	28-Oct-24	256.0d	256.0d			0%
86500	PM Reviews FFPR Package	17-Jun-24	21-Jun-24	5.0d	5.0d			0%
82000	Request/Receive Utilities Second Submission	14-Dec-23	19-Apr-24	90.0d	90.0d			0%
81397	Submit Plans to Environmental for Permit Applications (typ...)	01-Jul-24	01-Jul-24	0.0d	0.0d			0%
82500	Wall Plans Preparation	28-Dec-23	21-Feb-24	40.0d	40.0d			0%
20.2	Final Roadway Plans (Designer Activities)							0%
81592	Develop Final Construction Cost Estimate (with steps)	29-Apr-24	17-May-24	15.0d	15.0d			0%
81382	Develop Final Drainage Design	14-Dec-23	29-Dec-23	10.0d	10.0d			0%
81562	Develop Final Erosion Control Plans	29-Jan-24	08-Mar-24	30.0d	30.0d			0%
81772	Develop Final Signalization Plans	30-Oct-23	03-Nov-23	5.0d	5.0d			0%
81372	Develop Final Signing & Marking Plans	30-Oct-23	10-Nov-23	10.0d	10.0d			0%
81532	Develop Final Staging Cross Sections	15-Jan-24	26-Jan-24	10.0d	10.0d			0%
81522	Develop Final Staging Plans	01-Jan-24	12-Jan-24	10.0d	10.0d			0%
81782	Develop Special Provisions	11-Mar-24	15-Mar-24	5.0d	5.0d			0%
81354	Final Geometry	30-Oct-23	13-Dec-23	30.0d	30.0d			0%
81311	Final Roadway Plans LOE (Designer Activities)	30-Oct-23	14-Jun-24	160.0d	160.0d			0%
91312	Implementation of FFPR Comments	03-Sep-24	28-Oct-24	40.0d	40.0d			0%
81713	QA Review of Final Roadway Plans (with steps)	20-May-24	14-Jun-24	20.0d	20.0d			0%
81782	Receive Utility Relocations and Plot Utilities	22-Apr-24	26-Apr-24	5.0d	5.0d			0%
81317	Start Final Roadway Plans	30-Oct-23	30-Oct-23	0.0d	0.0d			0%
81717	Submit FFPR Plans to PM for FFPR	14-Jun-24	14-Jun-24	0.0d	0.0d			0%
81517	Submit Second Submission Utility Plans to PM	14-Dec-23	14-Dec-23	0.0d	0.0d			0%
2.3	Procurement for Final Design or Task Order (if needed)							0%
33322	Consultant Acquisition (request through notification)	30-Jan-23	13-Oct-23	180.0d	180.0d			0%
33332	Consultant Kick-Off Meeting	16-Oct-23	27-Oct-23	10.0d	10.0d			0%
33329	Notice to Proceed (NTP) for Consultant Contract	13-Oct-23	13-Oct-23	0.0d	0.0d			0%
33312	Prepare Procurement Requisition Form	27-Oct-22	27-Jan-23	60.0d	60.0d			0%
33317	Submit Procurement Requisition (RTS)	30-Jan-23	30-Jan-23	0.0d	0.0d			0%
11	Prepare for Let							0%
20.4	FFPR							0%
90200	FFPR Inspection	29-Jul-24	29-Jul-24	1.0d	1.0d			0%
90350	FFPR Report Approval and Distribution	13-Aug-24	13-Aug-24	0.0d	0.0d			0%
90300	FFPR Report Preparation	30-Jul-24	12-Aug-24	10.0d	10.0d			0%
90100	FFPR Request (ES)	01-Jul-24	26-Jul-24	20.0d	20.0d			0%
90000	FFPR Summary	01-Jul-24	02-Sep-24	46.0d	46.0d			0%
90450	PM Distributes FFPR Responses	02-Sep-24	02-Sep-24	0.0d	0.0d			0%
89500	PM Request FFPR	01-Jul-24	01-Jul-24	0.0d	0.0d			0%
90375	PM Submits FFPR Responses to ES	13-Aug-24	26-Aug-24	10.0d	10.0d			0%
90400	Verify FFPR Responses (ES)	27-Aug-24	02-Sep-24	5.0d	5.0d			0%
16.14	Permits							0%
88231	404 and Buffer Variance (BV) Permits LOE	15-Jul-24	20-Dec-24	115.0d	115.0d			0%
88222	OES Receives and Reviews Plans for Permit Applications	01-Jul-24	12-Jul-24	10.0d	10.0d			0%
16.14.1	404 Permit							0%

01-Sep-22

ID/Code	Name	Q	BL Project Start	BL Project Finish	Planned Duration	Remaining Duration	Actual Start	Actual Finish	Activity % Complete
■ 88234	404 Individual Permit - JPN Activities (only add if individual ...	Q	05-Aug-24	27-Sep-24	40.0d	40.0d			0%
■ 88233	Complete 404 Permit (with steps) 65d If Nationwide 100d If...	Q	15-Jul-24	11-Oct-24	65.0d	65.0d			0%
■ 16.14.2	Vegetative Buffer Variance (BV)	Q							0%
■ 88253	Prepare Buffer Variance (with steps)	Q	26-Aug-24	20-Dec-24	85.0d	85.0d			0%
■ 21.5	Certifications	Q							0%
■ 95400	G.O. ROW Certification	Q	24-Dec-24	27-Dec-24	4.0d	4.0d			0%
■ 16.15	Environmental Certification for CST Authorization	Q							0%
■ 95200	Environmental Certification for Let Complete	Q	16-Dec-24	27-Dec-24	10.0d	10.0d			0%
■ 18712	Receive Plans & Change Form (if needed); Circulate to Envir...	Q	26-Aug-24	20-Sep-24	20.0d	20.0d			0%
■ 16.15.1	Update Environmental Studies for CST Authorization	Q							0%
■ 18894	Update Air Quality Analysis	Q	23-Sep-24	18-Oct-24	20.0d	20.0d			0%
■ 18864	Update Archaeology Studies	Q	23-Sep-24	18-Oct-24	20.0d	20.0d			0%
■ 18814	Update Ecology Studies	Q	23-Sep-24	18-Oct-24	20.0d	20.0d			0%
■ 18854	Update History Studies	Q	23-Sep-24	18-Oct-24	20.0d	20.0d			0%
■ 18884	Update Noise Assessments and Public Outreach (with steps)	Q	23-Sep-24	18-Oct-24	20.0d	20.0d			0%
■ 16.15.2	Environmental Reevaluation (delete if state funded)	Q							0%
■ 18723	Complete Environmental Reevaluation for CST Authorizatio...	Q	21-Oct-24	15-Nov-24	20.0d	20.0d			0%
■ 18732	FHWA Approval of Environmental Reevaluation	Q	18-Nov-24	13-Dec-24	20.0d	20.0d			0%
◆ 18727	Submit Environmental Reevaluation to FHWA	Q	18-Nov-24	18-Nov-24	0.0d	0.0d			0%
■ 21.05	Utility Certification	Q							0%
◆ 95259	District Submits Recommendation and Certification Package	Q	13-Dec-24	13-Dec-24	0.0d	0.0d			0%
■ 95300	Utility Agreements Preparation and Certification	Q	18-Nov-24	27-Dec-24	30.0d	30.0d			0%
■ 24	Final Submittals	Q							0%
■ 95500	Construction Authorization	Q	24-Jan-25	24-Jan-25	0.0d	0.0d			0%
◆ 95099	Designer Submits Final Plans to PM for CBA Submission	Q	30-Dec-24	30-Dec-24	0.0d	0.0d			0%
■ 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 FPRR 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%
■ FUND	Funding	Q							0%
◆ 0017414122115	CST-Y001	Q	04-Nov-19	04-Nov-19	0.0d	0.0d			0%
◆ 0017414122111	PE-Y001	Q	04-Nov-19	04-Nov-19	0.0d	0.0d			0%
◆ 0017414122113	ROW-LOC	Q	04-Nov-19	04-Nov-19	0.0d	0.0d			0%
◆ 0017414122117	UTL-Y001	Q	04-Nov-19	04-Nov-19	0.0d	0.0d			0%