Georgia Department of Transportation

Interoffice Memo
Office of Design Policy & Support

DATE: **7/8/2022**

FILE: P.I.# 0016510
Clinch County / GDOT District 5 - Jesup
SR89/US441 @ Cypress Creek – Bridge Replacement

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

TO: SEE DISTRIBUTION

SUBJECT: **APPROVED CONCEPT REPORT**

Attached is the approved 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
Lee Howell, Statewide Location Bureau Chief
Troy Pittman, District 5 District Engineer
Jonathan Martinez, District 5 Preconstruction Engineer
Dallory Rozier, District 5 Utilities Engineer
Jemillatu Lewally, Project Manager
BOARD MEMBER - 1st Congressional District

Limited Scope
Project Concept Report

Template version: 2021.12.22

Project Type:	Bridge Replacement	P.I. Number:	0016510
GDOT District:	5	County:	Clinch
Federal Route Number:	441	State Route Number:	89

Replacement of an existing bridge on SR 89/US 441 over Cypress Creek in Clinch County (located 2 miles South of the city of Fargo).

Report updated 06/10/2022

Submitted for approval:

Ted Sparks, P.E., S.E., Heath & Lineback Engineers, Inc.	06/10/2022 Date
Kimberly W. Nesbitt State Program Delivery Administrator	4/18/2022 Date
GDOT Project Manager	06/10/2022 Date

Recommendation for approval: * Recommendations on File/AT

* Eric Duff State Environmental Administrator	04/21/2022 Date
for * Oladimeji Onabanjo State Traffic Engineer	04/22/2022 Date
for * Jonathan Martinez District Engineer	05/02/2022 Date
* Donn Digamon State Bridge Engineer	04/27/2022 Date

☐ 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 *for* Division of Planning	04/26/2022 Date

Approval:

Concur:	Hiral Patel GDOT Director of Engineering	07/01/2022 Date
Approve:	Margaret B. Pitcock GDOT Chief Engineer	07/08/2022 Date

***Erik Rohde - State Project Review Engineer - Recommendation 04/28/2022**
*** Marcela Coll - for State Utilities Administrator - Recommendation 05/06/2022**
*** Alan Hood - for Office of Intermodal - Recommendation 04/25/2022**

PROJECT LOCATION MAP

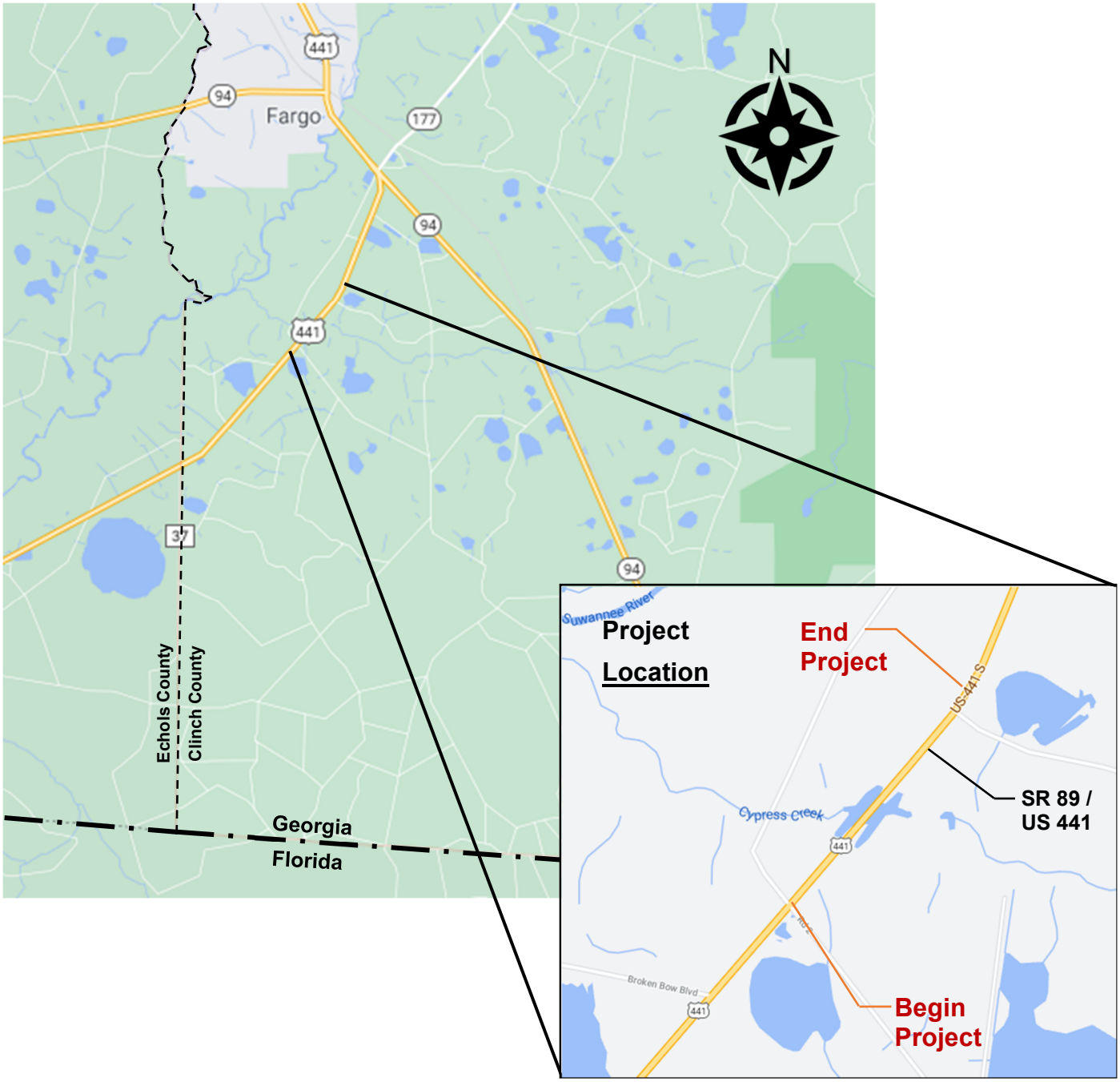


Figure 1 – Project Location Map

(Not to scale)

PI No. 0016510 – Clinch County, 2 Miles South of the City of Fargo

SR 89/US 441 at Cypress Creek, Bridge Replacement

PLANNING & BACKGROUND DATA

Prepared By: *GDOT Bridge Office* **Date Completed:** *9/30/2020*

Project Justification Statement: The bridge (Structure ID 065-0013-0; US 441/SR 89 over Cypress Creek) was built in 1955. The bridge consists of thirteen spans of five concrete T Beams on reinforced concrete caps and piles. The bridge was designed using an HS-20 design vehicle and the calculated load carrying capacity is 42.4 percent lower than current standards. The barrier is showing signs of deterioration and is not MASH compliant. Moderate cracking and abrasion are evident throughout the deck. Flexure cracking is present in the beams and longitudinal cracking is present on all of the outside beams. Minor cracking is present in the abutments and throughout the piles. Cracking is present in the caps and the piles all exhibit spalling and abrasion. Further deterioration of these components will result in a reduction of the load carrying capacity. This bridge is classified as having an unknown foundation and therefore could be at risk for scour. Due to the age and condition of the bridge and the load carrying capacity being below current standards, replacement is necessary.

Existing conditions: This project is located on SR 89/US 441 in Clinch County approximately 2 miles south of the city of Fargo. There is an existing 429-foot, 13 span bridge, Structure ID 065-0013-0, over Cypress Creek. The rural principal arterial currently has one 12-ft lane in each direction, no median or curb and gutter, and 2-ft paved shoulders on either side. There are no bike lanes nor sidewalks along the project. An aerial power line is located to the northwest side of the existing road, and a telecom line is located to the southeast. According to the GDOT Design Policy Manual (DPM) Section 3.2.3 and the affiliated maps in that section, this route is a Georgia Oversize Truck Route and Statewide Freight Corridor.

Other projects in the area: N/A

MPO: *N/A - not in an MPO* **TIP #:** N/A

Congressional District(s): *1*

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

Projected Traffic: 24 HR T: 35 % Current Year (2021): 775
Open Year (2025): 800 Design Year (2045): 875
Traffic data source: Field counts
Traffic Projections Performed by: Southeastern Engineering, Inc.
Date approved by the GDOT Office of Planning: *10/28/2021*

AASHTO Functional Classification (Mainline): Principal Arterial
AASHTO Context Classification (Mainline): Rural
AASHTO Project Type (Mainline): New Construction
Is the project located on a NHS roadway? ☐ No ☒ Yes

Complete Streets - Bicycle, Pedestrian, and/or Transit Standards Warrants:
Warrants met: ☒ None ☐ Bicycle ☐ Pedestrian ☐ Transit

Is this a 3R (Resurfacing, Restoration, & Rehabilitation) Project? ☒ No ☐ Yes

Pavement Evaluation and Recommendations
Initial Pavement Evaluation Summary Report Required? ☒ No ☐ Yes
Feasible Pavement Alternatives: ☒ HMA ☐ PCC ☐ HMA & PCC

Is the project located on a Special Roadway or Network? ☐ No ☒ Yes *Oversize Truck Route*
Statewide Freight Corridor

Do the limits of the project include one or more signalized intersections? ☒ No ☐ Yes

Is Federal Aviation Administration coordination anticipated? ☒ No ☐ Yes

DESIGN AND STRUCTURAL

Description of the proposed project: The project consists of the replacement of an existing bridge on SR 89/US 441 over Cypress Creek in Clinch County, located 2 miles south of the city of Fargo, GA. The proposed project begins approximately 1,500 feet southwest of the existing bridge and extends northeast approximately 1,600 feet, for an approximate length of 3,100 feet (0.6 miles). Proposed is a new bridge that will be constructed parallel to the existing bridge on the southeast side of SR 89. The bridge will be 430-foot with two 12-foot lanes and 6-foot shoulders. The roadway typical section consists of two 12-foot lanes with a 4-foot paved shoulder and 10-foot total shoulder on each side of the roadway. Design speed of the project will be 55 mph. Due to the offset alignment of the proposed bridge, traffic will be maintained on the existing bridge during construction therefore not requiring an off-site detour.

Major Structures:

Structure	Existing	Proposed
065-0013-0	This bridge built in 1955 is 429-ft and has 13 spans. The deck width is 34.3-ft and includes two 12-ft lanes.	The proposed bridge is to be 430-ft in length with 7 spans, with an out to out deck width of 39.1-ft, and two 12-ft lanes with 6-ft shoulders. The proposed bridge will be approximately 3-ft higher than existing.

Accelerated Bridge Construction (ABC) techniques anticipated: ☒ No ☐ Yes

ABC techniques are not anticipated for this project because traffic will be maintained on the existing alignment during construction. The replacement bridge will be constructed parallel to the existing.

Mainline Design Features:

SR 89/US 441	**Functional Classification:** *Principal Arterial*		
Feature	**Existing**	***Policy**	**Proposed**
Typical Section:			
- Number of Through Lanes	2		2
- **Lane Width(s) (-ft)**	**12’**	**11-12’**	**12’**
- **Shoulder Width (-ft) (Outside)**	**Overall: Varies 2-ft paved**	**10’ (4-ft paved)**	**10’ (4-ft paved)**
- **Cross Slope (%)**	**2% assumed**	**2%**	**2%**
- **Outside Shoulder Slope (%)**	**Varies**	**6%**	**6%**
Posted Speed (mph)	55		55
Design Speed (mph)	**55**	**45-55**	**55**
Minimum Horizontal Curve Radius (-ft)	**No curve**	**960’**	**9410’**
Maximum Superelevation Rate (%)	**Unknown**	**6% or 8%**	**6%**
Maximum Grade (%)	**Unknown**	**4%**	**3%**
Access Control	**By Permit**	**By Permit**	**By Permit**
Design Vehicle	HS-20 (bridge)		WB-67
Check Vehicle	n/a		OSOW
Pavement Type	HMA		HMA

**According to current GDOT Design Policy if applicable*

Design Exceptions/Design Variances to FHWA or GDOT Controlling Criteria anticipated: None anticipated

Design Variances to GDOT Standard Criteria anticipated: None anticipated

Lighting Proposed: ☒ No ☐ Yes

Off-site Detours Anticipated: ☒ No ☐ Undetermined ☐ Yes

If yes: Roadway type to be closed: ☐ Local Road ☐ State Route
Detour Route selected: ☐ Local Road ☐ State Route
District Concurrence w/Detour Route: ☐ No/Pending ☐ Received
Detour Presented to Public: ☐ No ☐ Yes

Transportation Management Plan [TMP] Required: ☐ No ☒ Yes Non-Significant

INTERCHANGES AND INTERSECTIONS

Interchanges/Major Intersections: N/A

Intersection Control Evaluation (ICE) Required: ☒ No ☐ Yes

Roundabout Concept Validation Required: ☒ No ☐ Yes ☐ Completed

UTILITY AND PROPERTY

Railroad Involvement: N/A

Utility Involvements:

Electric	Slash Pine EMC
Telecom	Windstream

SUE Required: ☒ No ☐Yes

Public Interest Determination Policy and Procedure recommended: ☒ No ☐ Yes

Right-of-Way (ROW): Existing width: 100-300 ft. Proposed width: 140-300 ft.
Required Right-of-Way anticipated: ☐ None ☒ Yes ☐ Undetermined
Easements anticipated: ☐ None ☐ Temporary ☐ Permanent * ☐ Utility ☐ Other
** Permanent easements include the right to place utilities.*

Anticipated total number of impacted parcels:		3
Displacements anticipated:	Businesses:	0
	Residences:	0
	Other:	0
Total Displacements:		0

Location and Design approval: ☐ Not Required ☒ Required

Impacts to federally managed property anticipated: ☒ No ☐ Yes ☐ Undetermined

ENVIRONMENTAL AND PERMITS

Anticipated Environmental Document: *NEPA ~ PCE*

Level of Environmental Analysis:

☒ The environmental considerations noted below are based on preliminary desktop or screening level environmental analysis and are subject to revision after the completion of resource identification, delineation, and agency concurrence.

☐ The environmental considerations noted below are based on the completion of resource identification, delineation, and agency concurrence.

MS4 Permit Compliance – Is the project located in a MS4 area? ☒ No ☐ Yes

If yes, is the GDOT MS4 Permit anticipated to apply to all or part of this project? ☐ No ☐ Yes

Is ecology water quality mitigation anticipated? ☐ No ☒ Yes

Will a Non-MS4 Detention Report be required during preliminary design? ☒ No ☐ Yes

Environmental Permits, Variances, Commitments, and Coordination anticipated: Any impacts to adjacent jurisdictional waters (wetlands/streams) would require a Section 404 permit and possible compensatory mitigation for impacts. A Buffer Variance would be required for any non-exempt impacts within state mandated buffers. An NPDES permit would be needing if land disturbing activities exceed an acre.

Air Quality:

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

Is a Carbon Monoxide hotspot analysis required? ☒ No ☐ Yes

NEPA/GEPA Comments & Information: The project is currently scoped as a CE in accordance with 23 CFR 771.117(c)(28) "Bridge rehabilitation, reconstruction, or replacement or the construction of grade separation to replace existing at-grade railroad crossings, if the actions meet the constraints in 23 CFR 771.117." Projects that are classified as CEs do not individually or cumulatively have a significant environmental effect. It is likely the project will be downgraded to a PCE because it is anticipated the project will not exceed the PCE impact thresholds that are listed in the PCE Checklist. Notable items associated with this project that will allow it to be qualified as a PCE include no formal Section 7 consultation, no adverse effect to cultural resources, and no public controversy anticipated.

Ecology: Early coordination efforts for candidate, threatened, and endangered species have been initiated. Four federally listed species were identified as potentially occurring within the ESB: gopher tortoise (*Gopherus polyphemus*), eastern indigo snake (*Drymarchon couperi*), Suwanee alligator snapping turtle (*Macrochelys suwanniensis*), and monarch butterfly (*Danaus plexippus*). Two state listed species were identified as potentially occurring within the ESB: Rafinesque's big-eared bat (*Corynorhinus rafinesquii*) and swallow-tailed kite (*Elanoided forficants*). During field work conducted in August 2021, suitable habitat for the eastern indigo snake, Rafinesque's big-eared bat, Suwanee alligator snapping turtle, and swallow-tailed kite was identified; therefore, Section 7 consultation will be required.

Jurisdictional waters of the U.S. and state mandated stream buffers were identified within the project area. In total, five wetlands and one perennial stream were identified during the August 2021 field work. Delineation data for non-buffered state waters has been provided to the design team to aid in project design.

Archaeology: There are two previously conducted archaeological surveys that intersect the ESB. The first survey, conducted by the Georgia Department of Transportation (GDOT), occurred in September of 1995 and was for the proposed shoulder paving of SR 89/US 441 in Echols, Clinch, and Atkinson counties, Georgia (Entorf 1995). The second survey that intersects the ESB was an archaeological resources survey for the proposed road widening of SR 89/US 441 in Echols, Clinch, and Atkinson counties, Georgia. The survey was conducted by Brockington and Associates in 2002 (Gardner and Olvey 2002). The 2002 survey identified 14 archaeological sites and 24 isolated finds. The 14 sites were recommended ineligible for inclusion in the NRHP; none of the sites are located within 1 km (0.62 mi) of the ESB.

History: The review of existing information on previously identified historic properties revealed that no National Register of Historic Places (NRHP) listed properties, proposed NRHP nominations, National Historic Landmarks, or bridges determined eligible for inclusion in the NRHP in the updated Georgia Historic Bridge Survey (GHBS) were identified within the proposed project's APE. GDOT Bridge No. 065-0013-0 is included in the GHBS but was determined not eligible for listing in the NRHP. No properties 50 years old or older were identified within the proposed project's APE in the 1991 Department of Natural Resources (DNR) Clinch County Survey or in Georgia's Natural, Archaeological, and Historic Resource Geographic Information System (GNAHRGIS) database.

Public Involvement: Public Information Open House is not anticipated for this project due to an offsite detour not being required. Coordination with schools, local government, and EMS has been completed.

COORDINATION, ACTIVITIES, RESPONSIBILITIES, AND COSTS

Constructability/Construction: No constructability issues anticipated

Project Meetings: The Concept Team Meeting was held March 16, 2022.

Other coordination to date: Detour coordination with Local Government, EMS, and Board of Education has been completed.

Project Activity	Party Responsible for Performing Task(s)
Concept Development	Heath & Lineback Engineers, Inc
Design	Heath & Lineback Engineers, Inc
Right-of-Way Acquisition	GDOT
Utility Coordination (Preconstruction)	GDOT
Utility Relocation (Construction)	Utility Owner
Letting to Contract	GDOT
Construction Supervision	GDOT District
Providing Material Pits	Contractor
Providing Detours	Contractor
Environmental Studies, Documents, & Permits	GDOT
Environmental Mitigation	GDOT
Construction Inspection & Materials Testing	GDOT District

Project Cost Estimate Summary and Funding Responsibilities:

	PE Activities		ROW	Reimbursable Utilities	CST*	Total Cost
	PE Funding	Section 404 Mitigation				
Date of Estimate:	2/1/2021	2/18/2022	2/11/2022	3/17/2022	06/10/2022	
Proposed Funding Source(s):	Federal/ State	Federal/ State	Federal/ State	Federal/ State	Federal/ State	
Programmed Cost:	$1,110,000		$250,000	$100,000	$5,300,000	$6,760,000
Estimated Cost:	$1,110,000	$50,250	$92,000	$80,000	$5,664,435	$6,996,685
Total Cost Difference:						+$236,685

*CST Cost includes Construction, Engineering and Inspection, Contingencies and Asphalt Fuel Price Adjustment.

ALTERNATIVES DISCUSSION

Alternative selection:

Preferred Alternative: Proposed bridge to be built southeast of existing bridge			
Estimated Property Impacts:	**3**	**Estimated Total Cost:**	**$6,996,685**
Estimated ROW Cost:	**$92,000**	**Estimated CST Time:**	**12 months**
Rationale: This alternative accomplishes the project objective of replacing the existing deficient bridge while allowing traffic to be maintained on site and avoiding a long, 35-mile detour. The offset alignment alternative is also suitable for the site since the existing road is not in a long tangent. Although this alternate will require the relocation of a telecommunication line, it avoids impacting the aerial power line on the opposite side of the roadway, which would add a greater cost to the project. The environmental and topographical conditions are also favorable on the southeast side of the existing alignment. This alternative was chosen as the preferred because it is the most cost effective, has no detours, and has the least environmental and utility impacts.			

No-Build Alternative: No-build			
Estimated Property Impacts:	**None**	**Estimated Total Cost:**	**$0**
Estimated ROW Cost:	**$0**	**Estimated CST Time:**	**N/A**
Rationale: This alternative would not meet the project justification to replace the structurally deficient existing bridge.			

Alternative 1: Proposed bridge to be built northwest of existing			
Estimated Property Impacts:	**3**	**Estimated Total Cost:**	**$7,147,106**
Estimated ROW Cost:	**$92,000**	**Estimated CST Time:**	**12 months**
Rationale: This alternative accomplishes the project objective of replacing the existing deficient bridge while allowing traffic to be maintained on site and avoiding a long, 35-mile detour. This alternative was not chosen as the preferred due to the cost, additional environmental impacts over the preferred alternative, impacts to an existing aerial power line, and an undesirable proposed roadway alignment.			

Alternative 2: Replace existing bridge on existing alignment utilizing off-site detour			
Estimated Property Impacts:	**0**	**Estimated Total Cost:**	**$6,635,603**
Estimated ROW Cost:	**$0**	**Estimated CST Time:**	**9 months**
Rationale: While this alternative would maintain the bearing of the existing alignment, it would require a long detour of approximately 35 miles, which would negatively impact commuters and first responders. The detour is from US 441 North to US 84 Southwest to I-75 Southeast to I-10 Southeast to US 441 North. The GDOT District Office does not support this detour. This alternative was not chosen due to the length of the detour and the negative impact it would have on commuters and first responders.			

Alternative 3: Replace existing bridge on existing alignment utilizing on-site detour			
Estimated Property Impacts:	**3**	**Estimated Total Cost:**	**$7,845,009**
Estimated ROW Cost:	**$92,000**	**Estimated CST Time:**	**12 months**
Rationale: While this alternative would maintain the bearing of the existing alignment, it would require an on-site temporary detour, increasing the overall cost of the project. In addition, the detour structure would need to be placed upstream of the existing structure, which is not preferred, in order to minimize utility and environmental impacts. This alternative was not chosen due to the extensive cost without added benefit.			

Comments: A contingency of 15% was used due to bridge replacement on a state highway.

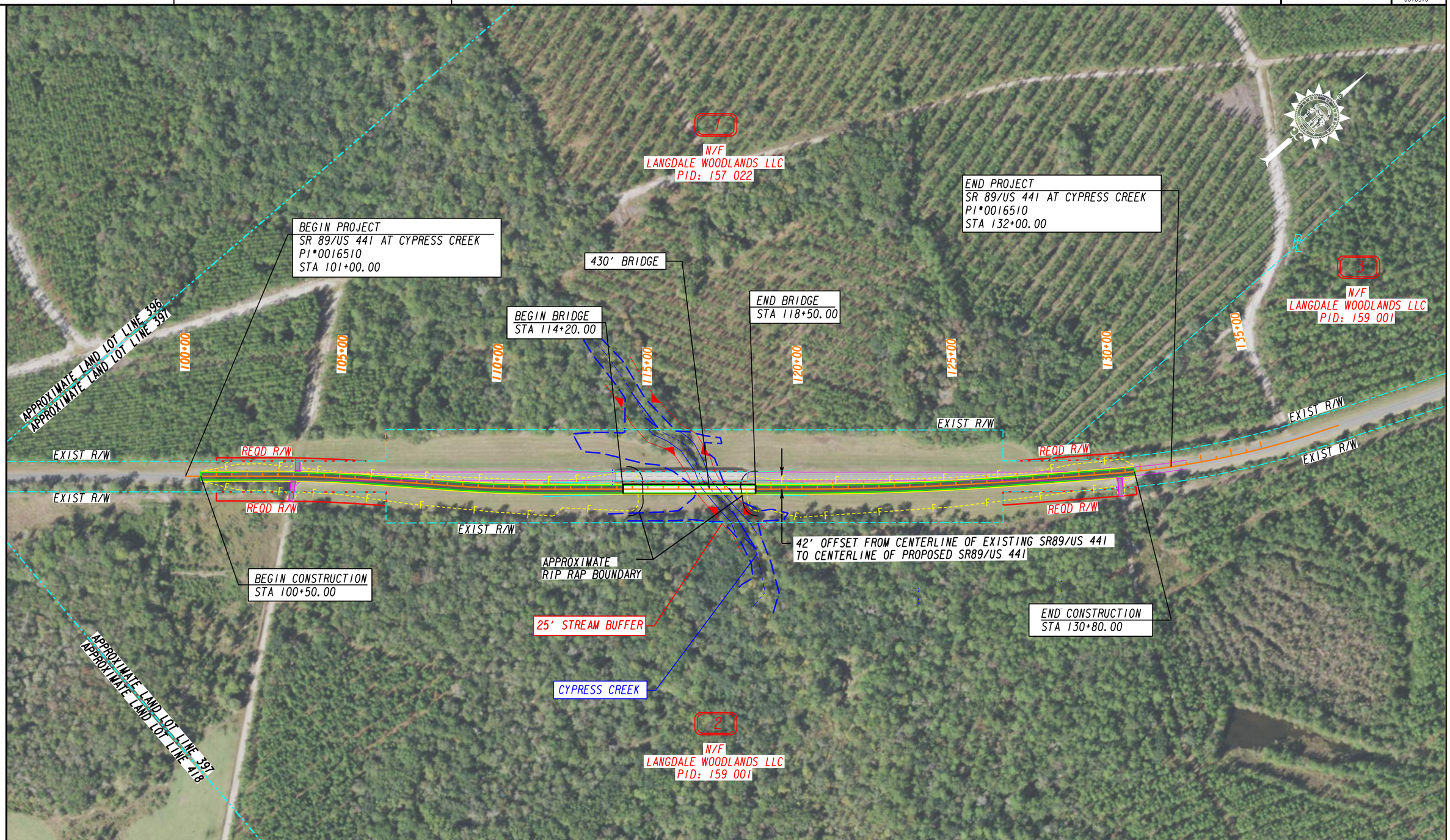
LIST OF ATTACHMENTS/SUPPORTING DATA

1. Concept Layout
2. Typical sections
3. Detailed Cost Estimates:
    a. Revisions to Programmed Costs forms, & Liquid AC Cost Adjustment forms
    b. Project Cost Estimate
    c. Mitigation
    d. Right-of-Way
    e. Utilities
4. Concept Utility Report
5. Traffic Data Forecast Report
6. S I & A Report
7. Minor Pavement Project Selection Tool
8. MS4 Concept Report Summary
9. Meeting Minutes
10. Miscellaneous
    a. Detour Route Coordination

DATE$$$ TIME$$$ $PRF8$ DGN
$USER$

GDOT

P. I. No. 0016510



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
REQ'D LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD • BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770) 424-1668

SCALE IN FEET
0 150 300 600

REVISION DATES

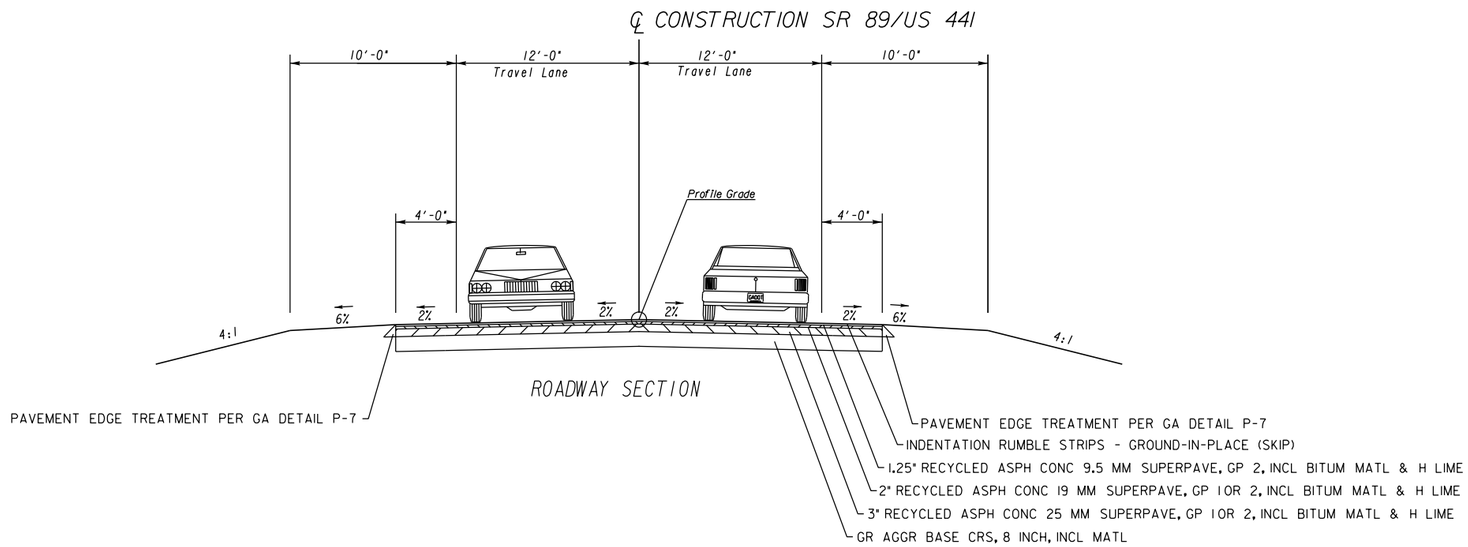
MISCELLANEOUS MAPS

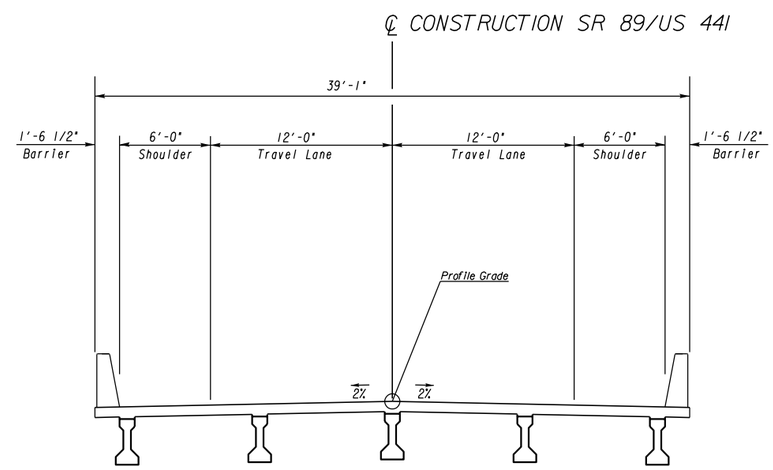
PREFERRED ALTERNATIVE
SR 89/US 441 AT CYPRESS CREEK

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.

7/31/2015 G20EDG





BRIDGE 1 SECTION
(OVER CYPRESS CREEK)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD • BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770) 424-1668

NO SCALE

REVISION DATES

TYPICAL SECTIONS
SR 89/US 441 OVER
CYPRESS CREEK

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
05-0001

Georgia Department of Transportation

Interoffice Memo

FILE

PI NUMBER	0016510	PROJECT DESCRIPTION	SR 89/US 441 over Cypress Creek
OFFICE	Program Delivery		
DATE	Friday, June 10, 2022		

From: Heath & Lineback Engineers

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

Subject: **REVISIONS TO PROGRAMMED COSTS**

Project Manager:	Jonathan Barnett
Management Let Date:	11/15/2024
Management Right of Way Date:	11/30/2023

Cost Estimate Review Iteration

Date of Submittal #1	
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	$5,300,000.00		$5,664,434.27
RIGHT OF WAY	$250,000.00		$92,000.00
UTILITIES	$100,000.00		$80,000.00

Explanation for Cost Change and Contingency Justification:

Initial concept cost estimate; programmed cost estimates are shown for last estimate.
Grading Complete LS cost includes cost for shoring.
15% contigency due to bridge replacement on state highway.

Attachments:

Project Cost Estimate
Preliminary ROW Cost Estimate
Preliminary Utility Cost Estimate

Interoffice Memo

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:	Heath & Lineback Engineers, Inc.
Printed Name:	Ted Sparks
Title:	Project Manager
Signature:	
Date:	6/10/2022

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:	

Georgia Department of Transportation

Interoffice Memo

Cost Estimate Worksheet:

CONSTRUCTION COST ESTIMATE (Required base estimate entered from AASHTOWare Project Estimation and should not include E&I). →	**A**	$ 4,639,386.74
ENGINEERING AND INSPECTION (The default E&I percentage is 5.0%, but may be adjusted per project scope.) →	**D**	$ 231,969.34

Construction Cost	E&I Percentage	E&I Cost
B	C	D = B x C
$ 4,639,386.74	5%	$ 231,969.34

CONTINGENCY (Refer to the Risk and Contingencies Table included in GDOT Policy 3A-9 Cost Estimating Purpose) →	**I**	$ 730,703.41

Construction Cost	E&I Cost	Construction + E&I	Contingency Percentage	Contingency Cost
E	F	G = E + F	H	I = G x H
$ 4,639,386.74	$ 231,969.34	$ 4,871,356.08	15%	$ 730,703.41

ASPHALT FUEL PRICE ADJUSTMENT (Leave blank if not applicable) →	**Q**	$ 62,374.78

Date	Jun 2022
Regular Unleaded	$4.163/ GAL
Diesel	$5.282/ GAL
Liquid AC	$751.00/ TON

Current Asphalt Fuel Index Prices can be found at the link below:

http://www.dot.ga.gov/PS/Materials/AsphaltFuelIndex

	Description	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)
Liquid AC					M = Sum of Columns L, T & W				
	Description	J	K	L = J x K		N	O	P = (N x O)+N	Q = [((P - N) / N)] x M x N
	Leveling	0.00 TN	5.00%	0.00 TN	138.43 TN	$751.00/ TON	60%	$ 1,201.60	$ 62,374.78
	Patching	0.00 TN	5.00%	0.00 TN					
	9.5 mm SP	610.00 TN	5.00%	30.50 TN					
	12.5 OGFC	0.00 TN	5.00%	0.00 TN					
	12.5 PEM	0.00 TN	5.00%	0.00 TN					
	12.5 mm SP	0.00 TN	5.00%	0.00 TN					
	19 mm SP	993.00 TN	5.00%	49.65 TN					
	25 mm SP	1084.00 TN	5.00%	54.20 TN					
Bituminous Tack Coat		Tack Coat	GL/TN	Tons					
	Description	R	S	T = R/S					
	Tack Coat	949.00 GL	232.8234 GL/TN	4.08 TN					
Bituminous Tack Coat (Surface Treatment)		SY	GL/SY	TN					
	Description	U	V	W = (U x V) / (232.8234 GL/TN)					
	Single Surface Treatment		0.20 Gl/SY						
	Double Surface Treatment		0.44 Gl/SY						
	Triple Surface Treatment		0.71 Gl/SY						

CONSTRUCTION TOTAL COST →	**X = A+D+I+Q**	$ 5,664,434.27
RIGHT OF WAY COST →	**Y**	$ 92,000.00
UTILITIES COST (Provided by Utility Office) →	**Z = Sum of Reimbursable Costs**	$ 80,000.00

Utility Owner	Reimbursable Cost	Utility Owner	Reimbursable Cost
Windstream	$ -		
Splash Pine EMC	$ 80,000.00		

Project Cost Estimate

Concept Name: 0016510 Cost Estimate Name: 0016510_ConceptPREF

Projects Cost Estimate

Processed on: Jun-10-2022 09:48 AM

CONCEPT NAME: 0016510 **COST ESTIMATE NAME:** 0016510_ConceptPREF
SPEC YEAR: 21
ITEM HISTORY: BHP-ALL - Statewide - 24 months
DESCRIPTION: SR 89 at CYPRESS CREEK
ESTIMATE PHASE: 2-DE - Designers Estimate

ITEMS FOR CONCEPT NAME 0016510

0100 - Roadway

Line Number	Item	Quantity	Units	Price	Description	Amount
5	150-1000	1.00	LS	$155,000.00	TRAFFIC CONTROL - 0016510	$155,000.00
10	153-1300	1.00	EA	$90,447.00	FIELD ENGINEERS OFFICE TP 3	$90,447.00
15	210-0100	1.00	LS	$360,000.00	GRADING COMPLETE - 0016510	$360,000.00
70	433-1000	278.00	SY	$238.08	REINF CONC APPROACH SLAB	$66,187.55
20	632-0003	2.00	EA	$7,684.16	CHANGEABLE MESSAGE SIGN, PORTABLE, TYPE 3	$15,368.32
25	634-1200	12.00	EA	$185.65	RIGHT OF WAY MARKERS	$2,227.79
75	641-1100	83.00	LF	$80.16	GUARDRAIL, TP T	$6,653.36
30	641-1200	560.00	LF	$25.01	GUARDRAIL, TP W	$14,003.43
35	641-5001	2.00	EA	$1,357.63	GUARDRAIL ANCHORAGE, TP 1	$2,715.27
40	641-5015	2.00	EA	$2,135.86	GUARDRAIL TERMINAL, TP 12A, 31 IN, TANGENT, ENERGY-ABSORBING	$4,271.73
45	643-8200	6060.00	LF	$1.33	BARRIER FENCE (ORANGE), 4 FT	$8,052.53
80	654-1001	152.00	EA	$8.34	RAISED PVMT MARKERS TP 1	$1,267.37
Roadway Total						**$726,194.35**

0110 - Pavement

Line Number	Item	Quantity	Units	Price	Description	Amount
110	310-5060	49.00	SY	$26.96	GR AGGR BASE CRS, 6 INCH, INCL MATL	$1,320.90
50	310-5080	6570.00	SY	$20.94	GR AGGR BASE CRS, 8 INCH, INCL MATL	$137,563.12
55	402-3102	610.00	TN	$99.18	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, TYPE II, BLEND 1, INCL BITUM MATL & H LIME	$60,501.31
60	402-3121	1084.00	TN	$100.98	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	$109,459.58
65	402-3190	993.00	TN	$103.04	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2,INCL BITUM MATL & H LIME	$102,320.54
85	413-0750	949.00	GL	$0.85	TACK COAT	$802.95
115	456-2015	1.01	GLM	$106.55	INDENTATION RUMBLE STRIPS - GROUND-IN-PLACE (SKIP)	$107.62
Pavement Total						**$412,076.02**

0801 - Bridge 1

Line Number	Item	Quantity	Units	Price	Description	Amount
90	540-1101	1.00	LS	$1,010,000.00	REMOVAL OF EXISTING BR, STA NO - 0016510	$1,010,000.00
95	543-9000	1.00	LS	$2,200,000.00	CONSTRUCTION OF BRIDGE COMPLETE - 0016510	$2,200,000.00
100	603-2024	1461.00	SY	$102.43	STN DUMPED RIP RAP, TP 1, 24 IN	$149,654.07
105	603-7000	1461.00	SY	$4.42	PLASTIC FILTER FABRIC	$6,462.30
Bridge 1 Total						**$3,366,116.37**

AdHoc PRICING FOR CONCEPT NAME 0016510

Name	Description	Amount
Drainage	Lump Sum Drainage Cost EST	$5,000.00
Perm Erosion Control	Lump Sum Perm Erosion Control EST	$25,000.00
Signing & Marking	Lump Sum Signing & Marking EST	$20,000.00
Temp Erosion Control	Lump Sum Temp Erosion Control EST	$85,000.00
Total		**$135,000.00**

TOTALS FOR CONCEPT NAME 0016510

ITEMS COST:	$4,504,386.74
TYPICAL SECTION:	$0.00
AdHoc PRICING:	$135,000.00
ESTIMATED COST:	$4,639,386.74
CONTINGENCY PERCENT:	
ENGINEERING AND INSPECTION:	
ESTIMATED COST WITH CONTINGENCY AND E&I:	

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Rudolph Frampton

From: Lee, Thomas <thomas.lee@volkert.com>
Sent: Friday, February 18, 2022 9:27 AM
To: Rudolph Frampton
Cc: Goffinet, Jason; Rodriguez, Nathaly
Subject: PI # 0016504, 0016505 & 0016510 – Mitigation Costs

[EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Rudolph,

Below are the calculations we used to estimate the mitigation costs for PIs 0016504, 0016505, and 0016510. Let me know if you need anything else.

Mitigation Cost Estimates based on Conceptual Design
Atkinson County (0016504): $164,800

Atkinson County (0016505): $213,400

Clinch County (0016510): $50,250

Calculations:

Atkinson County 16504- HUC 03110201 & HUC 03110202

	2018 Credits	Grandfather Credits
Wetland	1.57 (2)	12.56 (13)
Streams	116	1,392

Primary Service Area (PSA)- Cecil Bay According to 2004 SOP Mitigation Banks - Estimated Costs for Mitigation Credits (January 2022) table **Wetland $/Credit**=$10,000
Secondary Service Area (SSA)- Wilkinson-Oconee For grandfather (gf) credits **Stream$/Credit**=$25 (Spoke with Jennifer Pahl, representative of the Wilkinson-Oconee mitigation bank. She said this was the average for stream credits in her mitigation bank and others in the southern part of Georgia)

Using SOP Table
Wetland Credit Costs (gf): 13*$10,000=[$130,000]
Using SSA estimates
Stream Credit Costs (gf): 1,392*$25=[$34,800]
Total=[$130,000+$34,800=$164,800]

Atkinson County 16505- HUC 03070201

	2018 Credits	Grandfather Credits
Wetland	0.91 (1)	7.28 (8)
Streams	170	2,040

PSA- According to SOP Mitigation table Hog Creek for wetlands **Wetland $/Credit**=$5,000 Patriot's Pride for streams **Stream$/Credit**=$85
SSA- Wilkinson-Oconee

Using SOP Table
Wetland Credit Costs (gf): 8*$5,000=[$40,000]
Stream Credit Costs (gf): 2,040 *$85=[$173,400]
Total=[$40,000+$173,400=$213,400]

Clinch County 16510- HUC 03110201

	2018 Credits	Grandfather Credits
Wetland	0.64 (1)	5.12 (6)
Streams	68	810

PSA- According to SOP Mitigation table Cecil Bay for wetlands **Wetland $/Credit**=$5,000
Used Wilkinson-Oconee mitigation bank estimated quote for **Stream$/Credit**=$25

Using SOP Table
Wetland Credit Costs (gf): 6*$5,000=[$30,000]
Using SSA estimates
Stream Credit Costs (gf): 810*$25=[$20,250]
Total=[$30,000+$20,250=$50,250]

Thanks,

Thomas Lee
Environmental Planner| Volkert, Inc.
1110 Montlimar Drive | Mobile, AL 36609 | www.volkert.com
Office: 251-342-1070 ext. 1106 | Cell: 251-454-5528

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Heidi Schutzbach

From: Heidi Schutzbach
Sent: Friday, June 10, 2022 2:14 PM
To: Heidi Schutzbach
Subject: PI # 0016510 – Mitigation Costs for review and approval

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From: Goehrig, Tori <TGoehrig@dot.ga.gov>
Sent: Tuesday, June 7, 2022 2:05 PM
To: Lee, Thomas <thomas.lee@volkert.com>
Cc: Fontenot, Donald J <DFontenot@dot.ga.gov>; Ted Sparks <tsparks@heath-lineback.com>; Lewally, Jemillatu <JLewally@dot.ga.gov>; Jason Goffinet <jason.goffinet@volkert.com>; Marie Njie <marie.njie@volkert.com>; Rudolph Frampton <rframpton@heath-lineback.com>
Subject: RE: PI # 0016510 – Mitigation Costs for review and approval

Hi Thomas,

Thank you for sending the additional information. I haven't seen the SOP tables to confirm but the numbers seem within the impact range. Additionally, these impacts don't include Section 20 guidance for PS6. Seeing that you stated these are preliminary impacts (and are subject to change), they seem fine for now. Thanks!

Best,
Tori

Tori Goehrig
GDOT Support Services Ecologist
Georgia Department of Transportation
Office of Environmental Services
600 W Peachtree Street NW
Atlanta, GA, 30308
770-855-9629 (Mobile)

Please visit the Ecology SharePoint page to view our most recent Announcements.

From: Thomas Lee <thomas.lee@volkert.com>
Sent: Tuesday, June 7, 2022 11:48 AM
To: Goehrig, Tori <TGoehrig@dot.ga.gov>
Cc: Fontenot, Donald J <DFontenot@dot.ga.gov>; Ted Sparks <tsparks@heath-lineback.com>; Lewally, Jemillatu <JLewally@dot.ga.gov>; Jason Goffinet <jason.goffinet@volkert.com>; Marie Njie <marie.njie@volkert.com>; Rudolph Frampton <rframpton@heath-lineback.com>
Subject: RE: PI # 0016510 – Mitigation Costs for review and approval

Tori,

I have attached the conceptual impact calculations and map that we were provided by Heath and Lineback for creating mitigation cost estimates for the concept report. As part of the concept report now, they are asking for a mitigation cost estimate. This is based off conceptual design and more than likely will change over time when we get to final design/permitting. Please let me know if you would like to discuss or have any questions.

Thanks,

Thomas Lee
Environmental Planner| Volkert, Inc.
1110 Montlimar Drive | Mobile, AL 36609 | www.volkert.com
Office: 251-342-1070 ext. 1106 | Cell: 251-454-5528

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From: Ted Sparks <tsparks@heath-lineback.com>
Sent: Tuesday, June 7, 2022 9:05 AM
To: Thomas Lee <thomas.lee@volkert.com>
Subject: FW: PI # 0016510 – Mitigation Costs for review and approval

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FYI

Theodore B. Sparks, P.E., S.E., C.B.I. | **Senior Engineer / Bridge Department Manager**
Voice: 770.424.1668 x 131
Direct: 678.457.4453
tsparks@heath-lineback.com

From: Lewally, Jemillatu <JLewally@dot.ga.gov>
Sent: Tuesday, June 7, 2022 9:48 AM
To: Ted Sparks <tsparks@heath-lineback.com>
Cc: Rudolph Frampton <rframpton@heath-lineback.com>; Chloe Dean <cdean@heath-lineback.com>; Matt Calak <mcalak@heath-lineback.com>; Heidi Schutzbach <hschutzbach@heath-lineback.com>
Subject: FW: PI # 0016510 – Mitigation Costs for review and approval

See below

Jemillatu I Lewally, PMP
Project Manager
Georgia Department of Transportation
Office of Program Delivery/AECOM
600 West Peachtree St, 25th Floor
Atlanta, GA 30308
Mobile: (404) 980-4776
E-mail: jlewally@dot.ga.gov

From: Goehrig, Tori <TGoehrig@dot.ga.gov>
Sent: Tuesday, June 7, 2022 9:17 AM
To: Lewally, Jemillatu <JLewally@dot.ga.gov>
Cc: Fontenot, Donald J <DFontenot@dot.ga.gov>
Subject: RE: PI # 0016510 – Mitigation Costs for review and approval

Hi Jemillatu,

We have recently transmitted the ERSR and closing out Resource ID now. I haven't seen any plans or impacts for the project. I believe the A3M will happen in August so I don't think I can verify impacts/mitigation costs at this stage.

Best,
Tori

Tori Goehrig
GDOT Support Services Ecologist
Georgia Department of Transportation
Office of Environmental Services
600 W Peachtree Street NW
Atlanta, GA, 30308
770-855-9629 (Mobile)

Please visit the Ecology SharePoint page to view our most recent Announcements.

From: Lewally, Jemillatu <JLewally@dot.ga.gov>
Sent: Tuesday, June 7, 2022 9:10 AM
To: Goehrig, Tori <TGoehrig@dot.ga.gov>
Cc: Fontenot, Donald J <DFontenot@dot.ga.gov>; Lewally, Jemillatu <JLewally@dot.ga.gov>
Subject: FW: PI # 0016510 – Mitigation Costs for review and approval

Good morning Tori,
Can please you verify/approve the mitigation costs for the referenced project below?
Thanks

Jemillatu I Lewally, PMP
Project Manager
Georgia Department of Transportation
Office of Program Delivery/AECOM
600 West Peachtree St, 25th Floor
Atlanta, GA 30308
Mobile: (404) 980-4776
E-mail: jlewally@dot.ga.gov

From: Ted Sparks <tsparks@heath-lineback.com>
Sent: Tuesday, June 7, 2022 8:18 AM
To: Lewally, Jemillatu <JLewally@dot.ga.gov>
Cc: Rudolph Frampton <rframpton@heath-lineback.com>; Chloe Dean <cdean@heath-lineback.com>; Matt Calak <mcalak@heath-lineback.com>; Heidi Schutzbach <hschutzbach@heath-lineback.com>
Subject: [EXTERNAL]PI # 0016510 – Mitigation Costs

Good morning Jemilla,
Below are the mitigation costs/calculations for the referenced project.
Will you please get approval of the costs for the concept report?
Thanks.

Mitigation Cost Estimates based on Conceptual Design
Clinch County (0016510): $50,250

Calculations:
Clinch County 16510- HUC 03110201

	2018 Credits	Grandfather Credits
Wetland	0.64 (1)	5.12 (6)
Streams	68	810

PSA- According to SOP Mitigation table Cecil Bay for wetlands **Wetland $/Credit**=$5,000
Used Wilkinson-Oconee mitigation bank estimated quote for **Stream$/Credit**=$25

Using SOP Table
Wetland Credit Costs (gf): 6*$5,000=[$30,000]
Using SSA estimates
Stream Credit Costs (gf): 810*$25=[$20,250]
Total=[$30,000+$20,250=$50,250]

Theodore B. Sparks, P.E., S.E., C.B.I. | **Senior Engineer / Bridge Department Manager**
Voice: 770.424.1668 x 131
Direct: 678.457.4453
tsparks@heath-lineback.com

Heath & Lineback Engineers, Inc. | **Transportation Engineers**
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Georgia is a state of natural beauty. And it's a state that spends millions each year cleaning up litter that not only mars that beauty, but also affects road safety, the environment and the economy. Do your part to **KEEP IT CLEAN GEORGIA** – don't litter. How can you play an active role in protecting the splendor of the Peach State? Find out at http://keepgaclean.com/.

GEORGIA DEPARTMENT OF TRANSPORTATION
PRELIMINARY ROW COST ESTIMATE SUMMARY

Date: 2/11/2022 Project: SR 89/US 441 at Cypress Creek
Revised: None County: Clinch
PI: 0016510
Description: Bridge Replacment, US 441 at Cypress Creek
Project Termini: SR 89/US 441 at its intersection with Cypress Creek
Existing ROW: Varies
Parcels: 3 Required ROW: Varies

Land and Improvements		$5,730.00
Proximity Damage	*$0.00*	
Consequential Damage	*$0.00*	
Cost to Cures	*$0.00*	
Trade Fixtures	*$0.00*	
Improvements	*$2,000.00*	
Valuation Services		$9,000.00
Legal Services		$39,525.00
Relocation		$9,000.00
Demolition		$0.00
Administrative		$28,500.00
TOTAL ESTIMATED COSTS		$91,755.00
TOTAL ESTIMATED COSTS (ROUNDED)		***$92,000.00***

Prepared By: John A. Albrycht John Albrycht 2/11/2022
Print Name Signature Date

Cost Estimation Supervisor : _____
Print Name Signature Date

NOTE: Superviser 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.

allsop

Georgia Department of Transportation

Interoffice Memo

FILE Project No: n/a
County Clinch
P.I.# 0016510

Office: District 5, Jesup
Date: March 17, 2022

Description: SR 89/US 441 @ Cypress Creek 1.6 MI S of Fargo

FROM Dallory Rozier, District Utilities Manager

TO Jemillatu Lewally, 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
Slash Pine EMC		$80,000.00		Site Visit / Available Drawings
Windstream			$63,000.00	Site Visit / Available Drawings
Total	100.00%	$80,000.00	$63,000.00	
Department Responsibility	100.00%	$80,000.00		
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: Nicholas Fields, P.E., State Utilities Administrator
Shajan Joseph, P.E., Assistant State Utilities Administrator
Marcela Coll, Utilities Preconstruction Manager
Frantz Boileau, Utilities Preconstruction Specialist
Vahid Munshi, Management Specialist

Original Version: May 24, 2013
Revision: Feb. April 5, 2018

Concept Utility Report

Project Number: Click here to enter text.

District: 5

County: Clinch

Prepared by: Leslie Dubberly

P.I. # 0016510

Date: March 17, 2022

Project Description: SR 89/US 441 @ Cypress Creek 1.6 MI S of Fargo

The information provided herein has been gathered from Georgia811and/or field visits and serves as an estimate. Nothing contained in this report is to be used as a substitute for 1st Submission or SUE.

Are SUE services recommended? No

Level: ☐A ☐B ☐C ☐D

Public Interest Determination (PID):

☐Automatic ☐Mandatory ☐Consideration ☐No Use ☒Exempt

Is a separate utility funding phase recommended? No

Potential Project (Schedule/Budget) Impacts: None

Capital Improvement Projects (Utilities) Anticipated in the Area: None

Project Specific Recommendations for Avoidance/Mitigation: None

Right of Way Coordination: None

Environmental Coordination: None

Additional Remarks: Click here to enter text.

Original Version: May 24, 2013
Revision: Feb. March 8, 2018

Utilities have facilities within the project limits.

Utilities have been identified using Georgia811 and/or field visits.

Facility Owner	**Existing Facilities/ Appurtenances**	**General Description of Location**	**Facilities to Avoid** *approx. limits*	**Facilities Retention Recommended** *approx. limits*	**Comments**
Slash Pine EMC	Aerial distribution line	West side of exiting bridge	Click here to enter text.	Click here to enter text.	Click here to enter text.
Windstream	Aerial fiber line	East side of existing bridge	Click here to enter text.	Click here to enter text.	Click here to enter text.

Note: *To add additional rows, click the bottom right corner of the box above, then click the blue* + *that will appear. Please add additional rows prior to entering text.*

Georgia Department of Transportation

Interoffice Memo

FILE: Clinch County
P.I. # 0016510

DATE: October 28, 2021

FROM: Matt Markham, Deputy Director of Planning

TO: Kimberly Nesbitt, State Program Delivery Administrator
Attention: Jonathan Barnett

SUBJECT: **Reviewed** Traffic Data Report for SR 89/US 441 @ Cypress Creek 1.6 MI S of Fargo

Per request, we have reviewed the consultant's design traffic forecast for the above project. Based on the information furnished, we find the design traffic forecast to be satisfactory, and the design traffic forecasting task to be complete for the above project. The reviewed and approved design traffic forecast for the above project is attached.

Bridge ID 065-0013-0

Build = No Build	2021 (Existing Year)	2025 (Base Year)	2027 (Base Year +2)	2045 (Design Year)	2047 (Design Year +2)
AADT	775	800	800	875	900
DHV (AM/PM)	65/50	65/50	65/50	70/55	70/60
K% (AM/PM)	8.11%/6.47%	Same as Existing Year			
D% (AM/PM)	61.29%/54.55%				
24 HR. T% - S. U.	14.00%				
24 HR. T% - COMB	21.00%				
24 HR. T% - TOTAL	35.00%				
T% - S.U (AM/PM)	11%/14%				
T% - COMB (AM/PM)	25%/20%				
T% - TOTAL (AM/PM)	36%/34%				

If you have any questions concerning this information please contact Andre Washington at 404-631-1925.

Keith McCage
HNTB
Design Traffic Consultant to GDOT
404-946-5731

MM/KAM

Georgia Department of Transportation
Bridge Inventory Data Listing

Processed Date:Sep-03-2021 9:48:06 AM

Parameters: Bridge Serial Number

Bridge Serial Number: 065-0013-0 **County:** **Clinch**

Location & Geography

Structure ID:	065-0013-0
200 Bridge Information:	6
*6 Feature Intersected:	CYPRESS CREEK
*7A Route Number Carried:	SR00089
*7B Facility Carried:	US 441/ SR 89
9 Location:	APP 1.6 MI S OF FARGO
2 GDOT District:	5-District Five- Jesup
*91 Inspection Frequency:	24 Date: May-25-2021
92A Fracture Critical Insp. Freq:	N Date:
92B Underwater Insp Freq:	N Date:
92C Other Spc. Insp Freq:	N Date:
* 4 Place Code:	0
*5A Inventory Route(O/U):	1
5B Route Type:	2-U.S. numbered highway
5C Service Designation:	1-Mainline
5D Route Number:	00441
5E Directional Suffix:	0-N/A
*16 Latitude:	30 - 39.3413
*17 Longtitude:	82 - 33.8153
98A Border Bridge:	98B: GA% 0
99 ID Number:	
*100 STRAHNET:	0-The inventory route is not a STRAHNET route.
12 Base Highway Network:	Yes
13A LRS Inventory Route:	651008900
13B Sub Inventory Route:	0
101 Parallel Structure:	N-No parallel structure exists.
*102 Direction of Traffic:	2-2 - way traffic
*264 Road Inventory Mile Post:	1.70
*208 Inspection Area:	Area 04
*104 Highway System:	1-Inventory Route is on the NHS.
*26 Functional Classification:	2-Rural Principal Arterial - Other
*204A Federal Route Type:	F - Primary.
*204B Federal Route Number:	1351
105 Federal Lands Highway:	0-N/A
*110 Truck Route:	0-The inventory route is not part of the national network for trucks.
217 Benchmark Elevation:	0200.00
* Location ID No:	065-00089D-001.67N

218 Datum:	1- Assumed
*19 Bypass Length:	54
*20 Toll:	3-On free road. The structure is toll-free and carries a toll-free highway.
*21 Maintenance Responsibility:	1-State Highway Agency
*22 Owner:	1-State Highway Agency
*31 Design Load:	5-MS 18 / HS 20
37 Historical Significance:	5-Bridge is not eligible for the NRHP.
205 Congressional District:	1
27 Year Constructed:	1955
106 Year Reconstructed:	
33 Bridge Median:	0-No median
34 Skew:	0
35 Structure Flared:	0-No flare
38 Navigation Control:	0-No navigation control on waterway(bridge permit not required).
213 Special Steel Design:	0- Not applicable or other
267A Type Paint Super Structure:	0- Not Applicable Year : 0
267B Type Paint Sub Structure:	0- Not Applicable Year : 0
*42A Type of Service On:	1-Highway
*42B Type of Service Under:	5-Waterway
214A Movable Bridge:	0- No portion of the structure is movable,
214B Operator on Duty:	0
203 Type Bridge:	D - Concrete pile. O. Concrete O. Concrete O. Concrete
259 Pile Encasement:	3
*43A Structure Type Main material:	1-Concrete
*43B Structure Type Main Type:	4-Tee beam
45 Number of Main Spans:	13
44 Structure Type Approach:	A: 0-Other B : 0-Other
46 Number of Approach Spans:	0
226 Bridge Curve:	A: Vertical: NoB: Horizontal: No
111 Pier Protection:	
107 Deck Structure Type:	1-Concrete Cast-in-Place
108A Wearing Surface Type:	0-None (no additional concrete thickness or wearing surface is included in the bridge deck)
108B Membrane Type:	0-None
108C Deck Protection:	8-Unknown
265 Underwater Inspection Area:	0-No Underwater inspection required

Signs & Attachments

225 Expansion Joint Type:	02- Open or sealed concrete joint (silicone sealant).
242 Deck Drains:	1- Open Scuppers.
243A Parapet Location:	0- None present.
243B Parapet Height:	0.00
243C Parapet Width:	0.00
238A Curb Height:	1.2
238B Curb Material:	1- Concrete.
239A Handrail Left:	1- Concrete.
239B Handrail Right:	1- Concrete.
*240 Median Barrier Rail:	0- None.
241A Bridge Median Height:	0
241B Bridge Median Width:	0
*230A Guardrail Location Direction Rear:	3- Both sides.
*230B Guardrail Location Direction Fwrd:	3- Both sides.
*230C Guardrail Location Opposing Rear:	0- None.
*230D Guardrail Location Opposing Fwrd:	0- None.
244 Approach Slab:	3- Forward and Rear.
224 Retaining Wall:	0- None.
233 Posted Speed Limit:	55
236 Warning Sign:	No
234 Delineator:	Yes
235 Hazard Boards:	Yes
237A Gas:	00- Not Applicable
237B Water:	00- Not Applicable
237C Electric:	00- Not Applicable
237D Telephone:	00- Not Applicable
237E Sewer:	00- Not Applicable
247A Lighting: Street:	No
247B Navigation:	No
247C Aerial:	No
*248 County Continuity No.:	0
36A Bridge Railings:	0-Inspected feature does not meet currently acceptable stds. or a safety feature is required and none is provided.*
36B Transition:	0-Inspected feature does not meet currently acceptable stds. or a safety feature is required and none is provided.*
36C Approach Guardrail:	0-Inspected feature does not meet currently acceptable stds. or a safety feature is required and none is provided.*
36D Approach Guardrail Ends:	0-Inspected feature does not meet currently acceptable stds. or a safety feature is required and none is provided.*

Georgia Department of Transportation
Bridge Inventory Data Listing

Processed Date:Sep-03-2021 9:48:06 AM

Bridge Serial Number: 065-0013-0 **County:** **Clinch**

Programming Data

201 Project Number:	00000
202 Plans Available:	5 - Plans in InfoImage/GAMS
249 Proposed Project Number:	00000
250A Reconstruction Approval Status:	No
250B Route Approval Status:	No
250C Approval Status Definition:	0
250D Approval Status Federal:	0
251Project Identification Number:	0016510
252 Contract Date:	Feb-01-1901
260 Seismic Number:	00000
75A Type Work Proposed:	
75B Work Done by:	
94 Bridge Improvement Cost:(X$1,000)	$1,676
95 Roadway Improvement Cost: (X$1,000)	$168
96 Total Improvement Cost: (X$1,000)	$2514
76 Improvement Length:	0.0'
97 Year Improvement Cost Based On:	2013
114 Future AADT:	825
115 Future AADT Year:	2032

Hydraulic Data

113 Scour Critical:	U-Bridge with "unknown" foundation that has not been evaluated for scour. Until risk can be determined, a plan of action should be developed and implemented to reduce the risk to users from abridge failure during and immediately after a flood event (see HEC 23).
216A Water Depth:	3
216B Bridge Height:	19.0
222 Slope Protection:	1
221A Spur Dike Rear:	
221B Spur Dike Fwd:	
219 Fender System:	0- None.
220 Dolphin:	0-None.
223A Culvert Cover:	0.0
223B Culvert Type:	0- Not Applicable
223C Number of Barrels:	0
223D Barrel Width:	0.0
223E Barrel Height:	0.0
223F Culvert Length:	0.0
223G Culvert Apron:	0
39 Navigation Vertical Clearance:	0.0'
40 Navigation Horizontal Clearance:	0
116 Navigation Vertical Clear Closed:	0.0

Measurements:

*29 AADT:	550
*30 AADT Year:	2012
109 % Truck Traffic:	1
* 28A Lanes On:	2
*28B Lanes Under:	0
210A Tracks On:	0
210B Tracks Under:	0
* 48 Maximum Span Length:	33
* 49 Structure Length:	429
51 Bridge Roadway Width:	28.0'
52 Deck Width:	34.300003'
* 47 Total Horizontal Clearance:	28.0'
50A Curb / Sidewalk Width Left:	0.6096
50B Curb / Sidewalk Width Right:	0.6096
32 Approach Rdwy. Width:	29.0'

***229 Approach Roadway**

Rear Shoulder Left: Width:	3	*Right Width:*1.9	Type: 2 - Asphalt.
Fwd Shoulder: Left Width:	2.7	*Right Width:*2.2	Type: 2 - Asphalt.
Rear Pavement: Width:	23.6	*Type:*2- Asphalt.	
Forward Pavement: Width:	23.7	*Type:*2- Asphalt.	
Intersection Rear:	0	*Forward:*0	

53 Minimum Vertical Clearance Over Rd:	99' 99"
54A Under Reference Feature:	N-Feature not a highway or railroad
54B Minimum Clearance Under:	0' 0"

***228 Minimum Vertical Clearance**

228A Actual Odometer Direction:	99'99"
228B Actual Opposing Direction:	99'99"
228C Posted Odometer Direction:	0'0"
228D Posted Opposing Direction:	0'0"
55A Lateral Underclearance Reference:	N-Feature not a highway or railroad
55B Lateral Underclearance on Right:	0.0
56 Lateral Underclearance on Left:	0.0
10A Direction of Travel for Max Min:	0
10B Max Min Vertical Clearance:	99'99"
245A Deck Thickness Main:	8.0
245B Deck Thickness Approach:	0.0
246 Overlay Thickness:	0

Ratings and Posting

65 Inventory Rating Method:	1-Load Factor(LF)
63 Operating Rating Method:	1-Load Factor(LF)
66A Inventory Type:	2 - HS loading.
66B Inventory Rating:	22
64A Operating Type:	2 - HS loading.
64B Operating Rating:	38

231Calculated Loads		**Posting Required**
231A H-Modified:	20.0	No
231B Type3/Tandem:	28.0	No
231C Timber:	36.0	No
231D HS-Modified:	25.0	No
231E Type 3S2:	40.0	No
231F Piggyback:	40.0	No

261 H Inventory Rating:	14
262 H Operating Rating:	24
67 Structural Evaluation:	5
58 Deck Condition:	7-GOOD CONDITION - some minor problems.
59 Superstructure Condition:	7-GOOD CONDITION - some minor problems.
* 227 Collision Damage:	0
60A Substructure Condition:	7-GOOD CONDITION - some minor problems.
60B Scour Condition:	7-TRIVIAL SCOUR PRESENT â€" Some scour/wash can be found near the structural members. This scour/wash is very small or almost unnoticeable.
60C Underwater Condition:	10-NOT APPLICABLE
71 Waterway Adequacy:	8-Equal to present desirable criteria
61 Channel Protection Cond.:	7-Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift.
68 Deck Geometry:	5
69 UnderClr. Horz/Vert:	N
72 Approach Alignment:	7-Better than present minimum criteria
62 Culvert:	N-Not applicable. Used if structure is not a culvert.
70 Bridge Posting Required:	5-Equal to or above legal loads
41 Struct Open, Posted, CL:	A-Open, no restriction
* 103 Temporary Structure:	No

232 Posted Loads

232A H-Modified:	0.0
232B Type3/Tandem:	0.0
232C Timber:	0.0
232D HS-Modified:	0.0
232E Type 3s2:	0.0
232F Piggyback:	0.0
253 Notification Date:	Feb-01-1901
258 Federal Notify Date:	Feb-01-1901

Minor Pavement Project Section Tool

PI Number	County
0016510	CLINCH

Project Description

SR 89/US 441 at Cypress Creek

Design Year Two-Way ADT

875

Design Year One-Way ADT

438

S.U. Truck Percentage	M.U. Truck Percentage
14	21

ESAL Factor

1.06

Design Year Two-Way ADTT

306.25

Design Year One-Way ADTT

153.3

GAB Paid by the	Roundabout?
Ton	No

Total Daily Loadings

162

SSV (From Map or Soil Survey)

4.0

Regional Factor (From Map)

1.6

Summary of Criteria

SSV 4, RF 1.6, Total Daily Loadings =< 201

Minor Pavement Project Section

A-8

Material			*Pay Item Number*
9.5 mm SP, Type II	1.25	Inches	402-3102
19 mm SP	2	Inches	402-3190
25 mm SP	3	Inches	402-3121
GAB	8	Inches	310-1101

PLE Evaluation

Attach the following checklist information to the Concept Report Template:

Is there a Project Level Exclusion that applies to this project: ☐ No ☒ Yes

If yes, please indicate which of the following exclusions apply:

☐ 1. Roadways that are not owned or operated (maintained) by GDOT may not require post-construction BMPs. Coordinate with the appropriate local government or entity to determine stormwater management requirements.

☒ 2. The project location is not within a designated MS4 area.

☐ 3. Maintenance and safety improvement projects whereby the sites are not connected and disturb less than one acre at each individual site. This includes projects such as repaving, bridge maintenance, maintenance projects that do not add impervious surface area, driveway access paving, shoulder paving and building, fiber optic line installation, sign addition, safety projects whereby the sites are not connected and the individual site disturbs less than one acre, and sound barrier installation.

☐ 4. Projects that have their environmental documents approved or right-of-way plans submitted for approval on or before June 30th, 2012.

5. Road projects that disturb less than 1 acre or for site development projects that add less than 5,000 ft^2 of impervious area **(Evaluate during Preliminary Design).**

☐ 6. Projects in MS4 areas added to GDOT's 2017 MS4 permit with concept approval (start of preliminary engineering) before January 3, 2018.

Concept Outfall Evaluation

Complete the tables below and include as an attachment to the Concept Report. Add additional rows, if necessary. It is understood that this information will be approximate based on available information at the time of the concept.

Drainage Area Summary		
Outfall	Pre-Development	Post-Development
	Area (Acres)	Area (Acres)
1		
2		
3		

Concept Level Judgement	
Outfall	Using a concept level judgement, is this outfall likely to have a structural BMP? *This will be finalized later in the design process.
1	
2	
3	

In addition to the above charts, attach the Drainage Area Map (using existing topographic information) to the Concept Report.

Things to consider while making this concept level judgement are:

- Discharges which exit right-of-way as sheet flow
- Flows that originate offsite
- Reduction or no change (or negligible increase) in impervious area
- Impact on a cultural / community resource
- Displacement of residence or business
- Violation of state or federal law (e.g. fill in a FEMA zone or structural BMP in the clear zone)

OPD PROJECT MANAGER
CONCEPT TEAM MEETING MINUTES
PI Number 0016510, Clinch County
SR 89/US 441 @ Cypress Creek, Bridge Replacement

Date: March 16, 2022, 9:45 AM

Location: Microsoft Teams Meeting

---

1. **WELCOME**

2. **INTRODUCTION OF EACH ATTENDEE**
   - Attendees list is attached.

3. **PROJECT IDENTIFICATION**

4. **PROJECT SCHEDULE**
   - No updates.

5. **POWERPOINT PRESENTATION**
   - Presented by Theodore Sparks. Presentation slides are attached.

✓ **PROPOSED PROJECT DESCRIPTION – PREFERRED ALTERNATIVE**
   - It was noted that the Alternative 3 cost estimate seemed too high. The design team to verify that the temporary alignment for the onsite detour included a reduced designed speed for the roadway and 10-yr design storm event for the temporary bridge design. Additionally, verify the overall cost of this alternate.

6. **PLANNING**
   - **PJS**
   - **Traffic Projections**
   - No comment.

7. **BRIDGE DESIGN**
   - The proposed bridge width is incorrect. The total width of the bridge should be revised to 39'-1".
   - The proposed bridge will consist of concrete beams supported by pile bents.

8. **CONSTRUCTABILITY REVIEW (including bridge construction, and work zone safety & mobility requirements)**
   - No comment.

9. **DETOURS**
   - Detour letters were sent out to the locals. All have responded in support except for EMS (still awaiting response). Despite the support, it was

ultimately decided that an offsite 35-mile detour is not preferred. To further explain the reasoning, it was also noted that while the ADT is low, the truck percentage is high (35%).

10. STATE OR DISTRICT RIGHT OF WAY

- No comment.

11. ENVIRONMENTAL

- **HISTORY**
- **ECOLOGY**
- **AIR/NOISE**
- **ARCHAEOLOGY**
- **COMMUNITY RESOURCES**
- **ENVIRONMENTAL JUSTICE**
- **PUBLIC INVOLVEMENT**
- **PERMITS**
- **UNDERGROUND STORAGE TANKS**
- **HAZARDOUS WASTES**

- No comment.

12. UTILITIES

- **ELECTRICAL**
- **TELEPHONE/COMMUNICATIONS**
- **WATER/SEWERGAS**
- **CABLEOTHERS**

- The only impact to existing utilities will be a relocation of an overhead electrical line. This is minor relocation and should be no issue. The report currently states Georgia Power, but the owner is thought to be Windstream and/or Pine EMC. The report should be updated to show the correct owner.

13. LOCAL GOVERNMENT AGREEMENTS

- None

14. OFFICE OF DESIGN POLICY COMMENTS

- No comment.

15. OFFICE OF ENGINEERING SERVICES COMMENTS

- No comment.

16. OFFICE OF INTERMODAL COMMENTS

- No comment.

17. STATE OR DISTRICT MAINTENACE COMMENTS

- No comment.

18. OFFICE OF MATERIALS AND TESTING COMMENTS

- No comment.

19. OFFICE OF PROGRAM DELIVERY COMMENTS

- The report should be revised to state that coordination with schools, local government and EMS was completed.

20. OFFICE OF ROADWAY DESIGN COMMENTS

- No comment.

21. STATE OR DISTRICT TRAFFIC OPERATIONS COMMENTS

- No comment.

22. DISTRICT COMMENTS

- No comment.

23. ADDITIONAL COMMENTS & CONCERNS FROM ATTENDEES

- There were additional comments regarding the onsite detour alternate. Questions concerning constructability were asked, specifically considering the need for a temporary work bridge due to the existing terrain being comprised of wetlands. Regardless of any revisions that need to be made by the design team to the total cost of the onsite detour alternative, the alternate utilizing a detour bridge would still be the costliest. The conclusion was that there is no real benefit to utilizing this alternate.
- Additional Comments to Note:
  - Existing overall shoulder of the road is 10-ft.
  - Existing ROW varies from 100-300 ft. Proposed varies from 140-300 ft.
  - Management LET Date: 11/15/2024.

ACTION ITEMS:

- H&L to verify the overall cost of Alternate 3.
- H&L to elaborate on the rationale for the alternatives.
- H&L to correct total proposed bridge width.
- H&L to update report to show correct utility owners.
- H&L to add verbiage that coordination with schools, local government and EMS has taken place.

- Comments given before or during this meeting will be responded to in the published meeting minutes.

- Disclaimer – Please refer to the approved concept report for the final, documented design decisions.

Concept Team Meeting Attendees List: PI 0016510		
Full Name	**Company**	**Contact Info**
Jemillatu Lewally	GDOT	jlewally@dot.ga.gov
Eric Conklin	GDOT	EConklin@dot.ga.gov
Nathaly Rodriguez	Volkert	nathaly.rodriguez@volkert.com
Jonathan Peter Martinez	GDOT	JoMartinez@dot.ga.gov
Daniel Summers	GDOT	dsummers@dot.ga.gov
Jonathan Barnett	GDOT	jbarnett@dot.ga.gov
Leslie Dubberly	GDOT	ldubberly@dot.ga.gov
Heidi Schutzbach	H&L	hschutzbach@heath-lineback.com
Donald Fontenot	GDOT	dfontenot@dot.ga.gov
Robert Binns	GDOT	rbinns@dot.ga.gov
Steve Gaston	GDOT	sgaston@dot.ga.gov
Chloe Dean	H&L	cdean@heath-lineback.com
Theodore Sparks	H&L	tsparks@heath-lineback.com
Masood Shabazaz	H&L	mshabazaz@heath-lineback.com
Matt Calak	H&L	mcalak@heath-lineback.com
Rudolph Frampton	H&L	rframpton@heath-lineback.com
Tashome Yitateku	GDOT	tyitateku@dot.ga.gov
Edlin Regis	GDOT	eregis@dot.ga.gov
Dusty Mercer	GDOT	dmercer@dot.ga.gov
Bryan Williams	GDOT	brywilliams@dot.ga.gov
Jill Franks	GDOT	jfranks@dot.ga.gov
Jason Mobley	GDOT	jmobley@dot.ga.gov
Yezenia Ortiz	GDOT	YOrtiz@dot.ga.gov

Heidi Schutzbach

From: Lewally, Jemillatu <JLewally@dot.ga.gov>
Sent: Wednesday, February 16, 2022 5:06 PM
To: Ted Sparks; Rudolph Frampton; Masood Shabazaz
Cc: Lewally, Jemillatu
Subject: FW: Detour Map - PI0016510 - Clinch County

[EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Ted,
Please see below correspondences with the district regarding - PI 0016510 detour map. It appears will not be doing an off-site detour as it is not deemed feasible.
Thanks

Jemillatu I Lewally
Project Manager
Georgia Department of Transportation
Office of Program Delivery/AECOM
600 West Peachtree St, 25th Floor
Atlanta, GA 30308
Mobile: (404) 980-4776
E-mail: jlewally@dot.ga.gov

From: Mercer, Dusty <dmercer@dot.ga.gov>
Sent: Tuesday, February 15, 2022 12:58 PM
To: Lewally, Jemillatu <JLewally@dot.ga.gov>; Martinez, Jonathan P <JoMartinez@dot.ga.gov>; Brown, Trevor <trbrown@dot.ga.gov>
Cc: Czech, Bryan <bczech@dot.ga.gov>; Williams, Bryan <BryWilliams@dot.ga.gov>
Subject: RE: Detour Map - PI0016510 - Clinch County

In my opinion, the detour route listed is not feasible.
Thanks,

Dusty L. Mercer
Area Manager
Georgia Department of Transportation
District 5 – Area 2
104 North Nichols Street
Waycross, GA
912.285.6009 Office
912.424.9292 Cell

From: Lewally, Jemillatu <JLewally@dot.ga.gov>
Sent: Tuesday, February 15, 2022 12:30 PM
To: Martinez, Jonathan P <JoMartinez@dot.ga.gov>; Mercer, Dusty <dmercer@dot.ga.gov>; Brown, Trevor <trbrown@dot.ga.gov>
Cc: Czech, Bryan <bczech@dot.ga.gov>; Williams, Bryan <BryWilliams@dot.ga.gov>
Subject: RE: Detour Map - PI0016510 - Clinch County

For clarification, we need your opinion on whether the route was feasible or not. We may not need to do any detour coordination if a detour is not feasible. We are preparing the letters, but we might not need to send them out.

Looking forward to you reply.
Thanks

Jemillatu I Lewally
Project Manager
Georgia Department of Transportation
Office of Program Delivery/AECOM
600 West Peachtree St, 25th Floor
Atlanta, GA 30308
Mobile: (404) 980-4776
E-mail: jlewally@dot.ga.gov

From: Lewally, Jemillatu <JLewally@dot.ga.gov>
Sent: Tuesday, February 15, 2022 11:58 AM
To: Martinez, Jonathan P <JoMartinez@dot.ga.gov>; Mercer, Dusty <dmercer@dot.ga.gov>; Brown, Trevor <trbrown@dot.ga.gov>
Cc: Czech, Bryan <bczech@dot.ga.gov>; Williams, Bryan <BryWilliams@dot.ga.gov>
Subject: Re: Detour Map - PI0016510 - Clinch County

Ok. Will do that

Jemillatu I Lewally
Project Manager
Office of Program Delivery/AECOM
600 West Peachtree St, 25th Floor
Atlanta, GA 30308
Mobile: (404) 980-4776
E-mail: jlewally@dot.ga.gov

From: Martinez, Jonathan P <JoMartinez@dot.ga.gov>
Sent: Tuesday, February 15, 2022 11:54:41 AM
To: Lewally, Jemillatu <JLewally@dot.ga.gov>; Mercer, Dusty <dmercer@dot.ga.gov>; Brown, Trevor <trbrown@dot.ga.gov>
Cc: Czech, Bryan <bczech@dot.ga.gov>; Williams, Bryan <BryWilliams@dot.ga.gov>
Subject: RE: Detour Map - PI0016510 - Clinch County

Hi Jemillatu,

Thank you for the update. SR 94 should be taken into consideration. After coordination with the locals, please let us know what the locals say so the District can make a determination.

Thank You,

Jonathan Peter Martinez
District Design Engineer, District 5

Georgia Department of Transportation

District 5 Roadway Design
204 North U.S. Highway 301
Jesup, GA 31546
City, GA, 12345
912.530.4384 office
912.424.2573 cell

From: Lewally, Jemillatu <JLewally@dot.ga.gov>
Sent: Tuesday, February 15, 2022 11:52 AM
To: Martinez, Jonathan P <JoMartinez@dot.ga.gov>; Mercer, Dusty <dmercer@dot.ga.gov>; Brown, Trevor <trbrown@dot.ga.gov>
Cc: Czech, Bryan <bczech@dot.ga.gov>; Williams, Bryan <BryWilliams@dot.ga.gov>
Subject: RE: Detour Map - PI0016510 - Clinch County

Hi Jonathan,
We have not yet coordinated with the locals but started the process. Once OPD signs detour letters, they will be sent out. Your comments/inputs are definitely valuable to guide the process.

Thanks

Jemillatu I Lewally
Project Manager

Georgia Department of Transportation

Office of Program Delivery/AECOM
600 West Peachtree St, 25th Floor
Atlanta, GA 30308
Mobile: (404) 980-4776
E-mail: jlewally@dot.ga.gov

From: Martinez, Jonathan P <JoMartinez@dot.ga.gov>
Sent: Tuesday, February 15, 2022 11:46 AM
To: Mercer, Dusty <dmercer@dot.ga.gov>; Brown, Trevor <trbrown@dot.ga.gov>
Cc: Czech, Bryan <bczech@dot.ga.gov>; Lewally, Jemillatu <JLewally@dot.ga.gov>
Subject: RE: Detour Map - PI0016510 - Clinch County

Hey Dusty,

Looks like the bridges along SR 94 have the same ratings as what is on US 41/129 so that would work in that aspect. The only thing that would need to be field verified is if there is proper sight distance from SR 94 at the intersection with US 441/SR 89 in Fargo. Sitting on SR 94 and looking to the right to make a left onto US 441/SR 89 may not have enough sight distance for a WB 67. Also, the locals and the county would have to be notified to see what concerns they have.

Jemillatu,

Has any coordination with the locals occurred?

Thank You,

Jonathan Peter Martinez
District Design Engineer, District 5

Georgia Department of Transportation

District 5 Roadway Design
204 North U.S. Highway 301
Jesup, GA 31546
City, GA, 12345
912.530.4384 office
912.424.2573 cell

From: Mercer, Dusty <dmercer@dot.ga.gov>
Sent: Tuesday, February 15, 2022 11:20 AM
To: Martinez, Jonathan P <JoMartinez@dot.ga.gov>; Brown, Trevor <trbrown@dot.ga.gov>
Cc: Czech, Bryan <bczech@dot.ga.gov>; Lewally, Jemillatu <JLewally@dot.ga.gov>
Subject: RE: Detour Map - PI0016510 - Clinch County

Johnathan,
After reviewing the maps, SR 94 connects Fargo, GA. with Statenville, GA. Would we want to use this route to shorten the detour length or is there something preventing this route from being used for the detour?
Thanks,

Dusty L. Mercer
Area Manager

Georgia Department of Transportation

District 5 – Area 2
104 North Nichols Street
Waycross, GA
912.285.6009 Office
912.424.9292 Cell

From: Martinez, Jonathan P <JoMartinez@dot.ga.gov>
Sent: Tuesday, February 15, 2022 9:59 AM
To: Brown, Trevor <trbrown@dot.ga.gov>; Mercer, Dusty <dmercer@dot.ga.gov>

Cc: Czech, Bryan <bczech@dot.ga.gov>
Subject: FW: Detour Map - PI0016510 - Clinch County

Good Morning,

Jemillatu is requesting the District's concurrence with the Detour Map attached for PI 0016510. The detour is proposing to use US routes 41 and 129 for OSOW and Interstates 10 and 75 for freight. I have checked US 41/129 for bridge restriction but do not see any on the GA side of this detour. There is one Culvert that has no information though. I will ask that she ensures there are no weight restrictions on both the GA and FL side of the detour along US 41/129. Does District Construction concur with the proposed Detour?

Thank You,

Jonathan Peter Martinez
District Design Engineer, District 5

District 5 Roadway Design
204 North U.S. Highway 301
Jesup, GA 31546
City, GA, 12345
912.530.4384 office
912.424.2573 cell

From: Lewally, Jemillatu <JLewally@dot.ga.gov>
Sent: Monday, February 14, 2022 3:13 PM
To: Mercer, Dusty <dmercer@dot.ga.gov>
Cc: Martinez, Jonathan P <JoMartinez@dot.ga.gov>
Subject: RE: Detour Map - PI0016510 - Clinch County

Thanks.

Mr Martinez,
Please see attached potential detour route for PI 0016510 for your comments/opinion on its feasibility.

Thanks and looking forward to your reply.

Jemillatu I Lewally
Project Manager

Office of Program Delivery/AECOM
600 West Peachtree St, 25th Floor
Atlanta, GA 30308
Mobile: (404) 980-4776
E-mail: jlewally@dot.ga.gov

From: Mercer, Dusty <dmercer@dot.ga.gov>
Sent: Monday, February 14, 2022 3:11 PM
To: Lewally, Jemillatu <JLewally@dot.ga.gov>
Cc: Martinez, Jonathan P <JoMartinez@dot.ga.gov>
Subject: RE: Detour Map - PI0016510 - Clinch County

Good Afternoon,
Mr. Jonathan Martinez has been selected to fill the District 5 Preconstruction Engineer position.

Dusty L. Mercer
Area Manager

Georgia Department of Transportation

District 5 – Area 2
104 North Nichols Street
Waycross, GA
912.285.6009 Office
912.424.9292 Cell

From: Lewally, Jemillatu <JLewally@dot.ga.gov>
Sent: Monday, February 14, 2022 12:17 PM
To: Mercer, Dusty <dmercer@dot.ga.gov>
Subject: RE: Detour Map - PI0016510 - Clinch County

Mr. Mercer,
I see the preconstruction engineer position is vacant. Can you forward or direct me to who is acting in the position?
Thanks

Jemillatu I Lewally
Project Manager

Georgia Department of Transportation

Office of Program Delivery/AECOM
600 West Peachtree St, 25th Floor
Atlanta, GA 30308
Mobile: (404) 980-4776
E-mail: jlewally@dot.ga.gov

From: Lewally, Jemillatu <JLewally@dot.ga.gov>
Sent: Monday, February 14, 2022 12:10 PM
To: Mercer, Dusty <dmercer@dot.ga.gov>
Cc: Lewally, Jemillatu <JLewally@dot.ga.gov>; Barnett, Jonathan <JBarnett@dot.ga.gov>
Subject: Detour Map - PI0016510 - Clinch County

Hi Dusty Mercer,

Please see attached potential detour route for PI 0016510 for your comments/opinion on its feasibility.

Thanks and looking forward to your reply.

Jemillatu I Lewally
Project Manager

Office of Program Delivery/AECOM
600 West Peachtree St, 25th Floor
Atlanta, GA 30308
Mobile: (404) 980-4776
E-mail: jlewally@dot.ga.gov

Georgia is a state of natural beauty. And it's a state that spends millions each year cleaning up litter that not only mars that beauty, but also affects road safety, the environment and the economy. Do your part to **KEEP IT CLEAN GEORGIA** – don't litter. How can you play an active role in protecting the splendor of the Peach State? Find out at http://keepgaclean.com/.