

ENVIRONMENTAL COMMITMENTS TABLE
 PI#: 250470, County: Columbia

Date Updated: 3/12/2015 | Stage: Reevaluation
 Transmittal Date for Plans Reviewed by OES (if applicable): 1/6/2015

Review
 If no commitments, NEPA may approve for all.

The GDOT project manager (PM) asserts that these commitments are feasible.
 GDOT PM: **GEORGE M. BREWER**
 Signature/Date: *[Signature]* / 3/16/2015

The engineer of record (EOR) asserts that plans incorporate or will incorporate commitments if applicable.
 EOR: **JAN S. HYLWARD**
 Signature/Date: *[Signature]* / 3/16/2015

Air/Noise: **SK Email 3/19/15**
 Eco: **JM Email 3/11/15**
 NEPA: **TR Email 3/23/15**

A. Resources to be Delineated on the Plans and/or Listed in the Environmental Resource Impact Table (ERIT)

Resource Name	Permitted Construction Activity	Refer to	Name and Date of Report or Transmittal	Correctly Shown?	
				Plan Sheet	ERIT
A-1 Perennial Stream (PS) 1a	160 linear ft. impact	C-1, D-1, D-2	Ecology Addendum 08/09/2013	Yes	Yes
A-2 PS 1a Buffer	Impacts exempted	C-1	"	"	"
A-3 PS 1	139 linear ft. impact	C-1, D-1, D-2	"	"	"
A-4 PS 1 Buffer	Impacts exempted	C-1	"	"	"
A-5 PS 2 (Reed Creek)	50 linear ft. impacted (15ft of permanent impact, 35ft of temporary impact)	D-1	Ecology Memorandum 1/26/2015	"	No
A-6 PS 2 Buffer	868 square feet Exempt per EPD roadway drainage structure exemption	C-1, D-3, D-4	Ecology Memorandum 1/26/2015 & EPD e-mail correspondence	"	No
A-7 Intermittent Stream (IS) 2a	43 linear ft. impact	C-1, D-1, D-2	Ecology Addendum 08/09/2013	"	Yes
A-8 IS 2a Buffer	Impacts exempted	C-1	"	"	"
A-9 IS 2b	No impacts	C-1, D-1	"	"	"
A-10 IS 2b Buffer	Impacts except	C-1	"	"	"
A-11 PS 3	No impacts	B-1, C-1, D-1	"	"	"
A-12 PS 3 Buffer	Impacts exempt	C-1	"	"	"
A-13 Ephemeral Channel (EC) 2c	14 linear ft. impact	C-1, D-1, D-2	"	"	"
A-14 Open Water (OW) 3a	No impacts	C-1, D-1	"	"	"
A-15 OW 3a Buffer	965 sq. ft. impact	C-1, D-1, D-3, D-4	"	"	"
A-16 Wetland 4A	0.06 acre of impacts	C-1	"	"	"
A-17 PS 4	273 ft. of impacts	C-1, D-1, D-2	"	"	"
A-18 PS 4 Buffer	Impacts exempt	C-1	"	"	"
A-19 Migratory Birds	See attached for details	B-1	"	Not req'd	"

B. Special Provisions (Attach all special provisions with transmittal letters to the commitments table, if available)

Special Provision	Purpose	Est. Cost	SP's Latest Date
B-1 SP 107.23G	Protection of Federally Protected Species (see attached)	negligible	08/08/2013
B-2 SP 150.11	Traffic Control	negligible	08/22/2013

C. ERIT Comments and Design Features (Description: For ERIT Comments, provide exact wording for the comments section of the ERIT)

ERIT Comment or Design Feature	Description	Est. Cost	Correctly Shown?

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C-1	Protect Environmental Resources	Include the following note in the ERIT for the affected resources: "The contractor shall ensure that no construction related activities other than those shown on the approved plans, including the use of easements, staging, construction, vehicular use, borrow or waste activities, sediment basins, and trailer placement occur within those areas designated as ESAs."	N/A	Yes
C-2	Noise Abatement	Two noise barriers are to be constructed. Barrier 1 is located just west of Blue Ridge Drive and Barrier 3 is located north of Old Petersburg Road at Lantern Lane.	\$349,600	Yes

D. Necessary Permits, Buffer Variances and Mitigation Credits

	Permit, Variance, etc.	Add'l Info (permit expiration date, number of credits needed, etc...)	Est. Cost	Acquired?
D-1	Nationwide Permit (NWP)-12 & 14	All NWPs are scheduled to expire on March 18, 2017. If the activity has commenced or is under contract to commence before the date that the NWP is modified or revoked, the Department has 12 months from the date of the modification or revocation of the NWP to complete the activity under the present terms and conditions of the NWP.	negligible	Yes
D-2	Wetland and Stream Mitigation Credits	Impacts to wetlands and streams will be mitigated by purchasing credits from an approved mitigation bank. 2,819.35 stream credits for 679 linear feet of stream impacts. 0.3 wetland credits for 0.06 acre of wetland impacts	\$276,000	Yes, 94.75 stream credits required
D-3	Notice of Intent (NOI) for NPDES	The Office of Bidding Administration and Construction Contractor will submit a NOI to the NPDES General Permit following award of the contract but prior to construction.	negligible	Will be acquired following letting
D-4	Buffer Variances	Buffer encroachments authorized by this variance expire 5 years from the approval date. If more time is needed to complete the authorized activity, the Department must submit a request for a variance extension at least 90 calendar days prior to the expiration date [BV-036-13-03 (OW3a) approved 11/08/2013]	Negligible	Yes - OW/3a Buffer

E. Other Commitments or Requirements (Status: Pre- and Post - Complete or Incomplete; During - Signature Req'd)

	Pre-, During, or Post	Commitment	Responsible party	Est. Cost	Status
E-1	Pre	All areas designated as ESA shall have orange fencing around property boundaries as shown on project plans.	Tennille/Design	N/A	Complete
E-2	Pre	Inspect bridge at STA 141+75 (Old Petersburg Road over Reed Creek/Stream 2) and box culvert at STA 206+50 (Stream 1) for migratory birds	Construction Contractor	negligible	Construction or Area Engineer signature required
E-3	During	Purchase of mitigation credits	OES	\$ 276,000	Complete (94.75 stream credits acquired)
E-4	Pre	Survey for Georgia Aster - GDOT will coordinate with agencies such as FHWA and USFWS to determine eligible survey sites, conduct surveys, and relocate any identified species.	OES	negligible	Complete

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E-5	During	A NPDES permit shall be required for this project. The permit shall be acquired by the construction contractor following award of the contract but prior to the start of construction.	Office of Bidding Administration / Construction Contractor	negligible	Construction of Area Engineer signature required
E-6	During	All areas designated as ESA shall have orange fencing.	Tennille/Design	N/A	Construction of Area Engineer signature required.
E-7	During	UST's and Hazardous Waste Sites: Any contaminated soil excavated during construction activities must be disposed of at a permitted lined municipal solid waste landfill. All activities associated with UST sites will be in accordance with GDOT Standard Specifications, Provision 217. (with particular attention to, but not limited to the following parcels: 4, 14, 22, 29, 108, 111)	Construction Contractor	N/A	Construction of Area Engineer signature required.

Total Estimated Cost \$ 625,600

If Project is Complete or Under Construction, Area or Construction Engineer affirms that all Special Provisions, Plan Notes and During Construction Commitments were or are being adhered to during the project's construction.

Please Print Name and Title: _____ Signature: _____

Date: _____

Please provide an explanation if unable to sign.

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

ENVIRONMENTAL REEVALUATION

I. GENERAL INFORMATION

Project No.	STP-7063-00(001)
P.I. No.	250470
County	Columbia
STIP/TIP No.	RC07-000017
Funded Years	Right-of-Way: 2002, 2004, 2005, 2007; Construction: 2014
Funding Codes	Right-of-Way: Q23, L230S, Q24; Construction: LY10S, LY20S, TIA, M240
Project Name	The Widening of Old Petersburg Road and Old Evans Road
Project Limits	The proposed project begins in a commercial area on Washington Road, branches off on new location and continues through residential area along Old Evans Road to Old Petersburg Road and ends at Baston Road.

II. DESCRIPTION OF PROJECT IN ORIGINAL ENVIRONMENTAL DOCUMENT:

A. Existing Facility

The existing project site is Old Petersburg and Old Evans Roads are two lane (one in each direction) urban roads with both curb and gutter, and urban shoulders.

B. Proposed Project

The project consists of the widening and improving of Old Petersburg Road and Old Evans Road. The proposed concept would consist of a four-lane (two lanes in each direction) roadway with bike lanes and a 20-foot raised median on a minimum of 150 feet of right-of-way. The roadway would have urban shoulders including curb and gutter, and sidewalks. The widening of Old Petersburg Road would start on existing location beginning approximately 1,400 feet west of the intersection of Baston Road and extending to the intersection with Old Evans Road. From this point, the project would follow Old Evans Road in a northwesterly direction on existing location to Columbia Industrial Boulevard and then extend westward on new location to tie into Washington Road at the intersection with Town Center Drive and Washington Road. A new bridge would be constructed to grade separate the roadway over the CSX Railroad. The project length would be approximately 2.92 miles

C. Changes Documented in Previous Reevaluations

An Environmental Reevaluation was completed on 04/12/2004 discussing impacts to Streams 1, 2, 3, and 4. Avoidance and minimization procedures as well as necessary mitigation were detailed. The need for an Individual Section 404 Permit was anticipated.

The project description has changed to reflect a more accurate measurement of the project length due to the availability of plan level details: "The project length would be approximately 3.10 miles"

The construction limits at Sydney Street intersection have been reduced resulting in a decrease in required ROW. After an in depth geometric review it was determined that the profile could tie-in to the existing terrain at the radius of return. This essentially eliminated the previous design which extended the proposed profile approximately 240 feet.

The construction limits at Briarwood Drive intersection have been reduced resulting in a decrease in required ROW. After an in depth geometric review, it was determined that the profile could tie-in to the existing terrain at Station range 20+00 to 21+70 (previously 20+00 to 22+14.02), shortening the limit of construction 44 feet.

The property owner of parcel 150 requested a change in easement from temporary to permanent. ROW office approved and communicated change to design. The result is an increase in permanent ROW of 0.093 acre and a decrease in temporary easement of the same 0.093 acre. An Environmental Reevaluation was completed on 4/12/2004 discussing impacts to Stream 1, 2, 3 and 4.

Avoidance and minimization procedures as well as necessary mitigation procedures as well as mitigation were detailed. The need for an Individual Section 404 Permit was anticipated

III. TYPE OF ENVIRONMENTAL DOCUMENT: EA/FONSI

Actions Requiring Concurrences Prior to Environmental Document or Reevaluation Approval	YES	N/A	If Yes, Date of Concurrence
Section 106/Assessment of Effects	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4/30/1999
Section 106/Memorandum of Agreement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Individual Section 4(f) Evaluation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>De Minimis</i> Acknowledgment/Requirements	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Protected Species/No Effect	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1/29/15
Protected Species/Section 7 Consultation with USFWS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Protected Species/Section 7 Consultation with NMFS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Essential Fish Habitat Coordination with NMFS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
FWCA/USFWS Coordination for Longitudinal Stream Encroachments, Existing Culvert Extensions (+100 feet), or New Culvert Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	8/12/13
PM _{2.5} Interagency Concurrence	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
USCG Navigable Water Determination	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

IV. FHWA DOCUMENT APPROVAL DATE: 6/3/2002

V. DATE(S) OF PRIOR REEVALUATION(S): 4/12/2004 9/13/2013

VI. HAS PROJECT, PROJECT LIMITS, OR ROW/EASEMENTS CHANGED SINCE THE LAST APPROVAL: Yes. See attachment 1 for discussion of changes to impacts to waters of the U.S.

VII. DESCRIPTION OF PROJECT, PROJECT LIMITS, OR ROW CHANGES AND WHY CHANGES WERE MADE: Relocation of a municipal water line is necessary to accommodate roadway widening and maintain water supply to the citizens of Columbia County.

VIII. HAVE THE ENVIRONMENTAL STUDIES BEEN UPDATED SINCE THE LAST PROJECT APPROVAL, AND IF SO, WHY: Yes, studies updated based on the water line relocation. An ecology memorandum was prepared documenting changes to impacts. Additionally, documentation that the relocation will not affect history, archaeology, air and noise resources has been prepared.

IX. HAVE THERE BEEN ANY CHANGES TO OR ADDITIONAL RESOURCES IDENTIFIED WITHIN THE AFFECTED ENVIRONMENT: Yes. See attachment 1 for discussion of changes and impacts to waters of the U.S. and protected species.

X. REVIEW OF EFFECTS
 "Yes" or "No" denotes whether effects to environmental resources have changed as a result of project changes or changes in the effected environment.

A. SOCIAL ENVIRONMENT	INVOLVEMENT UNDER PREVIOUS APPROVAL?		HAVE EFFECTS CHANGED SINCE LAST REEVALUATION?		REMARKS OR REFERENCE TO ATTACHMENT
	YES	NO	YES	NO	
1. Land Use Changes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. Community Impacts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. Relocation Potential	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4. Churches and Institutions	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5. Parks/Recreation Areas/Wildlife Refuges	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6. Title VI/E.O. 12898	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. Public Controversy Potential	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
8. Public Involvement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
9. Economic Impacts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
10. Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

B. CULTURAL ENVIRONMENT	INVOLVEMENT UNDER PREVIOUS APPROVAL?		HAVE EFFECTS CHANGED SINCE LAST REEVALUATION?		REMARKS OR REFERENCE TO ATTACHMENT
	YES	NO	YES	NO	
1. Historic Sites	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2
2. Archaeological Resources	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2

C. NATURAL ENVIRONMENT	INVOLVEMENT UNDER PREVIOUS APPROVAL?		HAVE EFFECTS CHANGED SINCE LAST REEVALUATION?		REMARKS OR REFERENCE TO ATTACHMENT
	YES	NO	YES	NO	
1. Waters of the U.S./State Waters	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1, 2
2. Water Quality/303(d) List	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. Wild and Scenic Rivers	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4. Essential Fish Habitat	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5. Farmland	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6. Floodplains	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. Protected Species	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1, 2
8. Invasive Species	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
9. Wildlife and Habitat	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
10. Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

D. PHYSICAL ENVIRONMENT	INVOLVEMENT UNDER PREVIOUS APPROVAL?		HAVE EFFECTS CHANGED SINCE LAST REEVALUATION?		REMARKS OR REFERENCE TO ATTACHMENT
	YES	NO	YES	NO	
1. Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2
2. Climate Change	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. Air	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2
4. Energy/Mineral Resources	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5. Construction/Utilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6. USTs	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. Hazardous Waste Sites	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

E. PERMITS/VARIANCES/ COMMITMENTS REQUIRED	INVOLVEMENT UNDER PREVIOUS APPROVAL?		HAVE EFFECTS CHANGED SINCE LAST REEVALUATION?		REMARKS OR REFERENCE TO ATTACHMENT
	YES	NO	YES	NO	
1. U.S. Coast Guard Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. Forest Service/Corps Land	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. CWA Section 404 Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1, 2
4. Tennessee Valley Authority Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5. Buffer Variance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2
6. Coastal Zone Management Coordination	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. NPDES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
8. Cemetery Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
9. Other Permits	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
10. Other Commitments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	See ECT/Green Sheet

F. SECTION 4(f) APPLICABILITY	INVOLVEMENT UNDER PREVIOUS APPROVAL?		HAVE EFFECTS CHANGED SINCE LAST REEVALUATION?		REMARKS OR REFERENCE TO ATTACHMENT
	YES	NO	YES	NO	
1. <i>De Minimis</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. Programmatic	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. Individual	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4. Section 6(f) Applicability	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

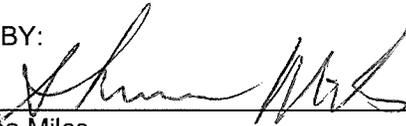
XI. NEED FOR PUBLIC INVOLVEMENT:

- A Public Information Open House was held on 05/14/2013
- There have been no changes in the project design or environmental effects that would require a Public Information Open House.

XII. FINDINGS/CONCLUSIONS

- Based on the analysis contained in this reevaluation, it has been determined that the changes in project design and/or environmental effects would not significantly alter the conclusions reached in the approved environmental document and/or previous reevaluations.
- There have been no changes in the design/ROW of this project nor have there been changes in project effects or the affected environment. Therefore, the conclusions reached in the approved environmental document and/or previous reevaluations remain valid.

PREPARED BY:


 Shana Miles
 NEPA Analyst
 Georgia Department of Transportation

3-18-15
 Date

REVIEWED BY:

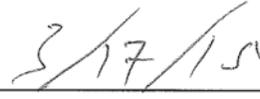

 Sam Pugh
 NEPA Team Leader
 Georgia Department of Transportation

3/17/15
 Date

CONCURRED BY:

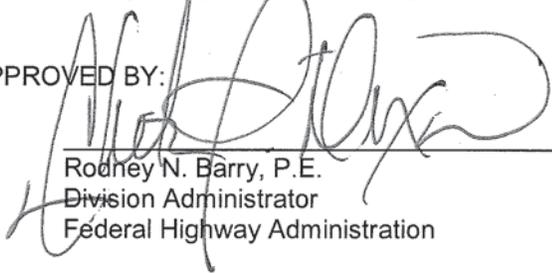


Hiral Patel, P.E.
State Environmental Administrator
Georgia Department of Transportation

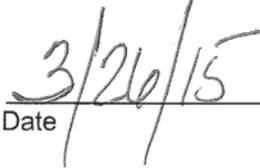


Date

APPROVED BY:



Rodney N. Barry, P.E.
Division Administrator
Federal Highway Administration



Date

Purpose for Reevaluation: Change Under Construction

Attachments appear in the following order:

1. Effects Evaluation
2. Correspondence & Report Coordination
3. Plan Sheet

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

**The Widening of Old Petersburg Road
& Old Evans Road**

Columbia County

PI No. 250470

Environmental Reevaluation

Attachment 1

EFFECTS EVALUATION

ENVIRONMENTAL REEVALUATION
ATTACHMENT 1: EFFECTS EVALUATION
PROJECT NO. STP00-7063-00(001)
COLUMBIA COUNTY
PI NO. 250470

C. NATURAL ENVIRONMENT

1. Waters of the U.S./State Waters

Jurisdictional waters described in the January 26, 2015 Ecology Memorandum include one perennial stream Reed Creek (PS2). In order to accommodate the widening of Old Evans Road the water line must be relocated and cross PS2. Impacts associated with the water line relocation include an additional 50 feet, including 15 feet of permanent impact and 35 feet of temporary impact, due to open cut trench installation at the Reed Creek crossing. Prior to this water line relocation, the project had no impacts to PS2. Impacts to other waters did not change as a result of the water line relocation. See Attachment 2.

7. Protected Species

The US Fish and Wildlife Service Information, Planning, and Conservation System (IPaC) list has been updated to include the federally endangered Atlantic sturgeon (*Acipenser oxyrinchus oxyrinchus*.) No suitable habitat for this species occurs within the proposed project limits and the proposed project will have no effect on Atlantic sturgeon. An Ecology Memorandum was transmitted to FHWA on January 26, 2015 and proposed a no effect determination for this species. Concurrence was received on January 27, 2015. See attachment 2.

E. PERMITS/VARIANCES

5. CWA Section 404 Permit

The United States Army Corp of Engineers permitted impacts associated with the water line relocation on March 2, 2015 under the Nationwide Permit 12 – Utility Line Activities. An additional 95 compensatory mitigation credits were purchased. See attachment 2.

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

**The Widening of Old Petersburg Road
& Old Evans Road**

Columbia County

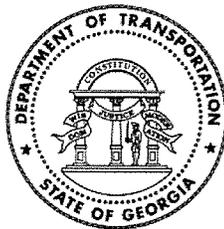
PI No. 250470

Environmental Reevaluation

Attachment 2

CORRESPONDENCE & REPORT COORDINATION

Russell R. McMurry, P.E., Commissioner



GEORGIA DEPARTMENT OF TRANSPORTATION

One Georgia Center, 600 West Peachtree Street, NW
Atlanta, Georgia 30308
Telephone: (404) 631-1000

January 26, 2015

Mr. Rodney N. Barry, P.E.
Division Administrator
Federal Highway Administration
Atlanta Federal Center
61 Forsyth Street, S.W., Suite 17T100
Atlanta, Georgia 30303-3104
Attention: Chetna Dixon

Subject: Transmittal of Ecology Memorandum, GDOT Project CSSTP-0008-00(833), P.I. No. 250470, Columbia County, Widening and Reconstruction of Old Petersburg Rd/Old Evans Rd from Baston Rd to Washington Rd

Dear Mr. Barry:

This letter transmits the referenced Memorandum for proposed Georgia Department of Transportation (GDOT) Project CSSTP-0008-00(833), P.I. No. 250470, in Columbia County. This Memorandum addresses additional impacts to waters of the U.S. for water line relocation associated with the transportation project, and associated permitting and compensatory mitigation requirements. The overall project involves the widening of Old Petersburg Road from Baston Road to Old Evans Road, widening of Old Evans Road to Columbia Industrial Boulevard, and new location construction from Columbia Industrial Boulevard to Washington Road at its intersection with Towne Center Drive.

Impacts to waters of the U.S. associated with the project were authorized by the U.S. Army Corps of Engineers (USACE) under Nationwide Permit (NWP) 14 on October 8, 2013 (USACE File No. SAS-2013-00671). Previously authorized impacts to waters of the U.S. under NWP 14 consist of 572 linear feet (lf) (0.10 acre) of perennial stream, 43 lf (0.003 acre) of intermittent stream, 0.06 acre of wetlands, and 0.001 acre (14 lf) of ephemeral channel. An additional 40 lf of perennial stream impact for borrow pit site access for the project was authorized by USACE under NWP 33 on October 2, 2014 (USACE File No. SAS-2014-00552).

An Ecology Addendum for this project was transmitted to the Federal Highway Administration (FHWA) on August 9, 2013. Since that date, it has been determined that additional impacts to waters of the U.S. would be required for Columbia County water line relocation associated with project construction. Additional impacts associated with water line relocation include 50 lf (0.02 acre) of perennial stream, including 15 lf (0.006 acre) of permanent impact and 35 lf (0.01 acre) of temporary impact. With the addition of water line impacts, cumulative project impacts total 662 lf of perennial stream (587 lf of permanent impact and 75 lf of temporary impact), 43 lf of intermittent stream, 0.06 acre of wetlands, and 0.001 acre (14 lf) of ephemeral channel.

Compensatory mitigation will be required for impacts to waters of the U.S. associated with water line relocation, as the transportation project has exceeded NWP mitigation thresholds (i.e., 100 lf of stream and/or 0.10 acre of wetlands). Water line impacts will require 94.75 stream credits per the USACE Standard Operating Procedures (SOP) for Compensatory Mitigation.

The Department received notification on August 29, 2013, that the FHWA determined that this project would have no effect to federally listed species. Utility line relocations do not effect this determination, as no new habitats will be affected by this change. Since that time, the federally endangered Atlantic sturgeon (*Acipenser oxyrinchus oxyrinchus*) has been listed as occurring in the Middle Savannah River watershed (Hydrologic Unit Code 03060106) by the Georgia Department of Natural Resources. No new species are listed for Columbia County, per the U.S. Fish and Wildlife Service's Information, Planning, and Conservation System (IPaC). The Department recommends a biological

determination of “no effect” to the Atlantic sturgeon from the proposed project, as there is not suitable habitat for the species within the project corridor.

The Department recommends a determination of “no effect” for federally listed species. Please copy the Department on your correspondence with the U.S. Fish and Wildlife Service notifying them of your effect determination. If you have any questions or need additional information, please contact Meghan Hedeem at 404-631-1812 (mhedeem@dot.ga.gov) or Doug Chamblin at (404) 631-1447 (dchamblin@dot.ga.gov) of the Office of Environmental Services.

Sincerely,



Hiral Patel, P.E.
State Environmental Administrator

HP/MH/jem
Attachment

cc: George Brewer, GDOT Project Manager
Shana Miles, GDOT NEPA Analyst
Daryl Williams, GDOT Environmental Compliance Bureau
Lisa Westberry, GDOT Mitigation
Danielle Floyd, EPD Erosion and Sedimentation Unit
Will Smith, EPD Erosion and Sedimentation Unit
Mark LaRue, U.S. Environmental Protection Agency

Morrell, Jason

From: Chetna.Dixon@dot.gov
Sent: Tuesday, January 27, 2015 9:40 AM
To: Carrie_Straight@fws.gov; Hedeem, Meghan W.
Cc: Chetna.Dixon@dot.gov
Subject: No Effect Determination for GDOT Project CSSTP-0008-00(833), PI 250470, Columbia County

Based in the information included in the January 2015 Ecology Memorandum for the above project, the proposed action would have no effect on the Atlantic Sturgeon. Previously, a no effect determination was made by FHWA on 8/29/13 for federally threatened and endangered species. If you have any comments or questions, please advise.

Thanks,

Chetna P. Dixon | FHWA GA Division

Environmental Coordinator

☎: 404.562.3655 office

✉: 61 Forsyth Street, Ste 17T100; Atlanta, GA 30303

✉: Chetna.Dixon@dot.gov

 Please consider the environment before printing this e-mail

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. 250470 **OFFICE** Environmental Services
PROJECT STP00-7063-00(001), Columbia **DATE** February 17, 2015
FROM 
Pamela Baughman, Archaeologist
TO Files

Project STP00-7063-00(001), PI 250470, involves the widening and improvement of Old Petersburg Road and Old Evans Road, in Columbia County, Georgia. The proposed concept includes a four-lane roadway with bike lanes and a 20-foot raised median on approximately 110-150 feet of proposed right-of-way. The roadway would also have urban shoulders, including curb and gutter, and sidewalks. The total length of the project is 3.13 miles. This project was surveyed for archaeological resources in 1992 by Robert Entorf and in 1999 by Erica Schoeneberg. During each survey, one archaeological site was located; however, these sites, 9CB143 and 9CB523, were both found to be ineligible for the National Register of Historic Places (NRHP). In 2011, Pamela Baughman also performed a reevaluation of the project for reduction of right-of-way, changes in easements, and the replacement of a culvert with a bridge at Reed Creek. No archaeological sites eligible for the NRHP were recorded during Baughman's reevaluation. In 2012, Baughman performed another reevaluation to account for shifts in drainage structures and/or dry swales, as well as the relocation of the tie-in at Connor Rd. No archaeological sites eligible for the NRHP were recorded during this reevaluation.

At this time, the project has changed to include the revision of a drainage structure at an already existing sewer crossing, as detailed in plans dated January 6, 2015. *It has been determined that these proposed features lie within the area previously surveyed, and as the project has been adequately surveyed in its entirety, and further as long as no additional easements or right-of-way are required,* Project STP00-7063-00(001), PI 250470, remains clear for archaeology under the previous recorded surveys.

PJB/

cc: Shana Miles, NEPA Specialist

From: [Lotti, Terri](#)
To: [Miles, Shana M](#)
Subject: RE: PI#250740, Columbia County, Revised Special Studies Request
Date: Tuesday, February 03, 2015 3:22:40 PM

From what I can tell this is in an area previous identified as ROW (easement, etc.). History should still be good. Please place this email in your file.

T

From: Miles, Shana M
Sent: Tuesday, January 06, 2015 3:33 PM
To: Phillips, Amber; Baughman, Pamela; Chamblin, Douglas; Lotti, Terri
Cc: Brewer, George; Pugh, Samuel
Subject: PI#250740, Columbia County, Revised Special Studies Request

Hi Everyone,

Please see the attached RSSR. See the NEPA folder in Project Documents or Projectwise for any supporting material. If you have any concerns about the "due by" date or any of the material provided, please let me know at your earliest convenience.

Thank you for your assistance.

Shana Miles, Environmental Planner-NEPA Unit
GDOT-Office of Environmental Services
One Georgia Center
600 West Peachtree Street, NW, 16th Floor
Atlanta, GA 30308
404-631-1155

During inclement winter weather, Georgia DOT commits to achieve and maintain passable road conditions on two lanes of interstates first and then state routes from the most heavily traveled to the least traveled. The Department urges travelers to exercise caution, be patient, and call 511 for updated information on roadway conditions before getting on the road during a winter weather event. Visit us at <http://www.dot.ga.gov/winterweather>; or follow us on <http://www.facebook.com/GeorgiaDOT> and <http://twitter.com/gadepoftrans>

Russell R. McMurry, P.E., Commissioner



GEORGIA DEPARTMENT OF TRANSPORTATION

One Georgia Center, 600 West Peachtree Street, NW
Atlanta, Georgia 30308
Telephone: (404) 631-1000

February 4, 2015

Mr. Glen Behrend, Program Manager
Environmental Protection Division
2 MLK, Jr. Dr. SW, Suite 1462
Atlanta, GA 30334
Attention: Will Smith

Subject: Application for a 25-foot Vegetative Buffer Encroachment for GDOT Project STP00-7063-00(001),
P.I. No. 250470, Columbia County, Widening and Reconstruction of Old Petersburg Road/Old Evans Road

Dear Mr. Behrend:

The Georgia Department of Transportation (GDOT) wishes to apply for a 25-foot vegetative buffer encroachment upon Reed Creek (Stream 2) in Columbia County for water line relocation impacts associated with the above referenced project. The overall project involves the widening of Old Petersburg Road from Baston Road to Old Evans Road, widening of Old Evans Road to Columbia Industrial Boulevard, and new location construction from Columbia Industrial Boulevard to Washington Road at its intersection with Towne Center Drive. The approximate latitude and longitude coordinates of the water line crossing are 33.529415°, -82.113066°. The proposed project corridor is located within the Middle Savannah River watershed (Hydrologic Unit Code 03060106).

A buffer variance was granted for the overall project pursuant to DNR Rule 391-3-7.05(2)(a) on November 8, 2013 (BV-036-13-03). The proposed activity for which an additional variance is being requested involves relocation of a Columbia County municipal water line to accommodate roadway widening and reconstruction. The water line relocation would require a buffer variance pursuant to Georgia Department of Natural Resources (DNR) Rule 391-3-7.05(1)(a), as the proposed water line crossing occurs at an angle greater than 25 degrees perpendicular to the stream. The buffer disturbance would qualify for a variance under DNR Rule 391-3-7.05(2)(a), as the water line relocation involves construction of infrastructure that must be located within the buffer. The existing water line crosses Stream 2 just south of the proposed crossing in an area proposed for roadway widening.

The buffer area at the proposed water line crossing has previously been cleared for construction of a proposed bridge spanning Stream 2 in conjunction with roadway widening/reconstruction. This buffer disturbance was located within 100 feet of the proposed bridge and was exempt from stream buffer variance requirements pursuant to the September 20, 2010 Memorandum from the Assistant Director of the Georgia Environmental Protection Division to the GDOT Chief Engineer. Buffer disturbance for water line relocation consists of excavation of an open trench and pipe installation, as well as associated erosion and sediment control best management practices. The total buffer disturbance for water line relocation will comprise approximately 868 square feet and 25 linear feet of the 25-foot buffer adjacent to Stream 2.

Enclosed are the materials necessary in order to process the application Thank you for your attention to this matter. If you have any questions or need additional information, please contact Meghan Hedeem at 404-631-1812 (mhedeem@dot.ga.gov) or Doug Chamblin at (404) 631-1447 (dchamblin@dot.ga.gov) of the Office of Environmental Services.

Sincerely,

Handwritten signature of Hiral Patel in black ink.

Hiral Patel, P.E.
State Environmental Administrator

HP/MH/jem
Attachment

cc: GDOT Project Manager (George Brewer) GDOT Environmental Scheduler (Christina Schmidt)
GDOT NEPA Analyst (Shana Miles) GDOT ECB (Daryl Williams)
GDOT Mitigation (Lisa Westberry)

Miles, Shana M

From: Morrell, Jason
Sent: Thursday, March 05, 2015 1:46 PM
To: Brewer, George; Williams, Daryl L; Miles, Shana M
Cc: Hedeem, Meghan W.
Subject: FW: EPD Buffer Exemption - PI 250470 Columbia County

Based on the correspondence below, a buffer variance is not required for the proposed Columbia County municipal water line relocation for the project. Please let me know if you have questions or need more information.

Thanks,

Jason E. Morrell, PWS - Consultant Ecologist
GDOT Office of Environmental Services
jmorrell@dot.ga.gov
(404) 631-1112

From: Smith, Will [<mailto:Will.Smith@dnr.state.ga.us>]
Sent: Thursday, March 05, 2015 10:03 AM
To: Morrell, Jason
Cc: Hedeem, Meghan W.; Schmidt, Christina; Westberry, Lisa; Chamblin, Douglas
Subject: EPD Buffer Exemption - PI 250470 Columbia County

Jason,

Upon further review of GDOT Project STP00-7063-00(001), PI 250470, Columbia County, Widening and Reconstruction of Old Petersburg Road/Old Evans Road, the buffer impacts associated with the relocation of the water line in Stream 2 (an unnamed tributary of Reed Creek) qualifies as a construction activity necessary in the construction of the proposed bridge. As the necessary impacts are a direct result of the bridge construction and fall within the allowed 100' x 100' exemption box pursuant to the September 20, 2010 Memorandum from the Assistant Director of the GA EPD to the GDOT Chief Engineer, **the 25 linear ft (868 ft²) of impacts to the 25-ft buffer of Stream 2 are exempt from a buffer variance.**

Let me know if you have any questions.

William Smith

Georgia Environmental Protection Division
Watershed Protection Branch
Erosion and Sedimentation Control Unit
2 Martin Luther King, Jr. Drive SW, Suite 1462
Atlanta, Georgia 30334
(404) 651-8553

During inclement winter weather, the Department urges travelers to exercise caution, be patient, and call 511 for updated information on roadway conditions before getting on the road. Visit us at <http://www.dot.ga.gov/winterweather>; or follow us on <http://www.facebook.com/GeorgiaDOT> and <http://twitter.com/gadepoftrans>



DEPARTMENT OF THE ARMY
SAVANNAH DISTRICT, CORPS OF ENGINEERS
100 WEST OGLETHORPE AVENUE
SAVANNAH, GEORGIA 31401-3640

REPLY TO
ATTENTION OF:

MARCH 02 2015

Regulatory Division
SAS-2013-00671

Ms. Hiral Patel, P.E.
Georgia Department of Transportation
Office of Environmental Services
600 West Peachtree Street, NW, 16th Floor
Atlanta, Georgia 30308

Dear Ms. Patel:

I refer to the Pre-Construction Notification submitted on February 5, 2015, requesting verification for use of Nationwide Permit (NWP) No. 12 for impacts to 50 linear feet of perennial stream (15 linear feet permanent, 35 linear feet temporary) for utility work associated with the widening and reconstruction of Old Petersburg Road. The project site is located along Old Petersburg Road and Old Evans Road, in the City of Evans, Columbia County, Georgia (Latitude 33.5265, Longitude -82.1045). This project has been assigned number SAS-2013-00671 and it is important that you refer to this number in all communication concerning this matter.

Presence of waters of the United States was verified previously under an expanded preliminary Jurisdictional Determination dated October 8, 2013. The wetlands/other waters on the subject property may be waters of the United States within the jurisdiction of Section 404 of the Clean Water Act (33 United States Code (U.S.C.) 1344) and/or Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403). The placement of dredged or fill material into any waterways and/or their adjacent wetlands or mechanized land clearing of those wetlands could require prior Department of the Army authorization pursuant to Section 404.

We have completed coordination with other federal and state agencies as described in Part C (31)(d) of our NWP Program, published in the February 12, 2012, Federal Register, Vol. 77, No. 34, Pages 10184-10290 (77 FR). The NWPs and Savannah District's Regional Conditions for NWPs can be found on our website at <http://www.sas.usace.army.mil/Missions/Regulatory/Permitting/GeneralPermits/NationwidePermits.aspx>. During our coordination procedure, no adverse comments regarding the proposed work were received.

As a result of our evaluation of your project, we have determined that the proposed activity is authorized under NWP 12, as described in Part B of the NWP Program. Your use of this NWP is valid only if:

a. The activity is conducted in accordance with the information submitted and meets the conditions applicable to the NWP, as described at Part C of the NWP Program and the Savannah District's Regional Conditions for NWPs.

b. Prior to the commencement of permitted work in streams, wetlands or other waters of the United States, you shall purchase 95 stream mitigation credits from Bath Branch or Brushy Creek Mitigation Bank and submit documentation of this credit purchase to the U.S. Army Corps of Engineers. The credit purchase documentation must reference the Corps file number assigned to this project. If all or a portion of the required credits are not available from these banks, you must obtain written approval from the Corps prior to purchasing any credits from an alternate mitigation bank.

c. You shall obtain and comply with all appropriate federal, state, and local authorizations required for this type of activity. A stream buffer variance may be required from the Georgia Department of Natural Resources, Environmental Protection Division (Georgia EPD), as defined in the Georgia Erosion and Sedimentation Control Act of 1975, as amended. Information concerning variances can be obtained at the Georgia EPD's website at www.gaepd.org, or by calling (404) 463-1463.

d. All work conducted under this permit shall be located, outlined, designed, constructed and operated in accordance with the minimal requirements of the Georgia Erosion and Sedimentation Control Act of 1975, as amended. Utilization of plans and specifications contained in the "Manual for Erosion and Sediment Control," (Latest Edition), published by the Georgia Soil and Water Conservation Commission, will aid in achieving compliance with the aforementioned minimal requirements.

e. You shall install and maintain erosion and sediment control measures in upland areas of the project site, in accordance with the Georgia Erosion and Sedimentation Control Act of 1975, as amended, to minimize the introduction of sediment into and the erosion of streams, wetlands and other waters of the United States. This permit does not authorize installation of check-dams, weirs, riprap, bulkheads or other erosion control measures in streams, wetlands or other waters of the United States. Authorization would be required from the Corps prior to installing any erosion control measures in waters of the United States.

f. You shall install and maintain erosion and sediment control measures for all fill material that is authorized to be discharged in streams, wetlands and other waters of the United States, in accordance with the Georgia Erosion and Sedimentation Control Act of 1975, as amended, and permanently stabilize fill areas at the earliest practicable date.

g. You shall notify the Corps, in writing; at least 10 days in advance of commencement of work authorized by this permit.

h. You fill out and sign the enclosed certification and return it to our office within 30 days of completion of the activity authorized by this permit.

This proposal was reviewed in accordance with Section 7 of the Endangered Species Act. The Federal Highway Administration, the lead federal agency, determined that the project would have no effect on any threatened or endangered species nor any critical habitat for such species. Authorization of an activity by a NWP does not authorize the "take" of threatened or endangered species. In the absence of separate authorization, both lethal and non-lethal "takes" of protected species are in violation of the Endangered Species Act. See Part (C) of 77 FR for more information.

This verification is valid until the NWP is modified, reissued or revoked. All of the existing NWPs are scheduled to expire on March 18, 2017. It is incumbent upon you to remain informed of changes to the NWPs. Furthermore, if you commence or are under contract to commence this activity before the date that the relevant NWP is modified or revoked, you will have 12 months from the date of the modification or revocation of the NWP to complete the activity under the present terms and conditions of this NWP.

This authorization should not be construed to mean that any future projects requiring Department of the Army authorization would necessarily be authorized. Any new proposal, whether associated with this project or not, would be evaluated on a case-by-case basis. Any prior approvals would not be a determining factor in making a decision on any future request.

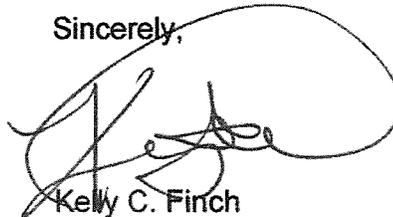
Revisions to your proposal may invalidate this authorization. In the event changes to this project are contemplated, I recommend that you coordinate with us prior to proceeding with the work.

This communication does not relieve you of any obligation or responsibility for complying with the provisions of any other laws or regulations of other federal, state or local authorities. It does not affect your liability for any damages or claims that may arise as a result of the work. It does not convey any property rights, either in real estate or material, or any exclusive privileges. It also does not affect your liability for any interference with existing or proposed federal projects. If the information you have submitted and on which the Corps bases its determination/ decision of authorization under the NWP is later found to be in error, this determination may be subject to modification, suspension, or revocation.

Thank you in advance for completing our on-line Customer Survey Form located at http://corpsmapu.usace.army.mil/cm_apex/f?p=regulatory_survey. We value your comments and appreciate your taking the time to complete a survey each time you have interaction with our office.

If you have any questions, please call William M. Rutlin, Project Manager, Coastal Branch, at 912-652-5893.

Sincerely,

A handwritten signature in black ink, appearing to read "Kelly C. Finch", written over a large, loopy flourish that extends to the right and loops back under the signature.

Kelly C. Finch
Chief, Coastal Branch

Enclosures

Regulatory Division

CERTIFICATION OF COMPLIANCE
WITH
DEPARTMENT OF THE ARMY
NWP 12

PERMIT FILE NUMBER: SAS-2013-00671

PERMITTEE ADDRESS: Ms. Hiral Patel, P.E., Georgia Department of Transportation,
Office of Environmental Services, 600 West Peachtree Street, NW, 16th Floor, Atlanta,
Georgia 30308

LOCATION OF WORK: The project site is located along Old Petersburg Road and Old
Evans Road, in the City of Evans, Columbia County, Georgia (Latitude 33.5265,
Longitude -82.1045).

PROJECT DESCRIPTION: Utility work associated with the widening and reconstruction
of Old Petersburg Road.

ACRES AND/OR LINEAR FEET OF WATERS OF THE US IMPACTED: 50 linear feet
perennial stream

DATE WORK IN WATERS OF US COMPLETED:

COMPENSATORY MITIGATION REQUIRED: 95 stream mitigation credits from Bath
Branch or Brushy Creek Mitigation Banks

DATE MITIGATION COMPLETED OR PURCHASED (include name of bank):

I understand that the permitted activity is subject to a U.S. Army Corps of Engineers'
Compliance Inspection. If I fail to comply with the permit conditions at Part C of the
Nationwide Permit Program, published in the February 12, 2012, Federal Register, Vol.
77, No.34, Pages 10184-10290, it may be subject to suspension, modification or
revocation.

I hereby certify that the work authorized by the above referenced permit as well as any
required mitigation (if applicable) has been completed in accordance with the terms and
conditions of the said permit.

Signature of Permittee

Date

Miles, Shana M

From: Laskovics, Stephen F
Sent: Thursday, March 19, 2015 9:54 AM
To: Miles, Shana M
Subject: RE: 250470 Columbia County

Hi Shana,

I have reviewed and approved the Environmental Commitments Table for PI 250470 for air and noise. Let me know if you need anything else.

Thanks,
Stephen

From: Miles, Shana M
Sent: Thursday, March 19, 2015 9:42 AM
To: Laskovics, Stephen F
Subject: 250470 Columbia County

Hi Stephen,

About three weeks ago I sent a green sheet for your comments. Can you check to see if you still have it and if so can you provide a comment. I'm preparing to send the reevaluation to FHWA as soon as possible and I need your email concurrence.

Thanks

Shana Miles, Environmental Planner-NEPA Unit
GDOT-Office of Environmental Services
One Georgia Center
600 West Peachtree Street, NW, 16th Floor
Atlanta, GA 30308
404-631-1155

Georgia DOT has launched a new, more relevant, professional and user-friendly website. Take a look at www.dot.ga.gov. A brief video explaining the new site can be viewed at <https://youtu.be/e3Mu5jW9VKM>. Also, see our Fact Sheet at www.dot.ga.gov/AboutGeorgia/Pages/TravelSmart.aspx. If you have questions and feedback, drop us a line at TravelSmart@dot.ga.gov

Miles, Shana M

From: Miles, Shana M
Sent: Tuesday, February 24, 2015 8:29 AM
To: Baughman, Pamela
Subject: RE: 250470_NEPA_ECT_02 23 2015

Thanks Pam!

From: Baughman, Pamela
Sent: Tuesday, February 24, 2015 8:29 AM
To: Miles, Shana M
Subject: RE: 250470_NEPA_ECT_02 23 2015

Shana,

This green sheet is approved for archaeology. We have no further concerns or commitments.

Please let me know if you need anything else.

Thanks,
Pam

Pamela A.J. Baughman
Archaeologist/Senior Transportation Planner
(404) 631-1198
pbaughman@dot.ga.gov
Georgia Department of Transportation
Office of Environmental Services
One Georgia Center
600 W. Peachtree Street NW, 16th floor
Atlanta, GA 30308

From: Miles, Shana M
Sent: Monday, February 23, 2015 4:16 PM
To: Laskovics, Stephen F; Lotti, Terri; Baughman, Pamela; Morrell, Jason
Subject: 250470_NEPA_ECT_02 23 2015

Greetings All,

Would you please review and comment for reevaluation submittal. Thanks!

Shana Miles, Environmental Planner-NEPA Unit
GDOT-Office of Environmental Services
One Georgia Center
600 West Peachtree Street, NW, 16th Floor
Atlanta, GA 30308
404-631-1155

Miles, Shana M

From: Morrell, Jason
Sent: Sunday, March 01, 2015 12:33 PM
To: Miles, Shana M
Cc: Hedeem, Meghan W.
Subject: RE: 250470_NEPA_ECT_02 23 2015
Attachments: 250470_NEPA_ECT_02 23 2015.docx

Shana,

My comments are tracked in the attached document. Please let me know if you have questions or need more info.

Thanks,

Jason E. Morrell, PWS - Consultant Ecologist
GDOT Office of Environmental Services
jmorrell@dot.ga.gov
(404) 631-1112

From: Miles, Shana M
Sent: Monday, February 23, 2015 4:16 PM
To: Laskovics, Stephen F; Lotti, Terri; Baughman, Pamela; Morrell, Jason
Subject: 250470_NEPA_ECT_02 23 2015

Greetings All,

Would you please review and comment for reevaluation submittal. Thanks!

Shana Miles, Environmental Planner-NEPA Unit
GDOT-Office of Environmental Services
One Georgia Center
600 West Peachtree Street, NW, 16th Floor
Atlanta, GA 30308
404-631-1155

During inclement winter weather, the Department urges travelers to exercise caution, be patient, and call 511 for updated information on roadway conditions before getting on the road. Visit us at <http://www.dot.ga.gov/winterweather>; or follow us on <http://www.facebook.com/GeorgiaDOT> and <http://twitter.com/gadepoftrans>

Miles, Shana M

From: Miles, Shana M
Sent: Friday, February 27, 2015 2:38 PM
To: Lotti, Terri
Subject: RE: 250470_NEPA_ECT_02 23 2015

Thanks Terri!

From: Lotti, Terri
Sent: Friday, February 27, 2015 2:36 PM
To: Miles, Shana M
Subject: RE: 250470_NEPA_ECT_02 23 2015

Looks good.

From: Miles, Shana M
Sent: Monday, February 23, 2015 4:16 PM
To: Laskovics, Stephen F; Lotti, Terri; Baughman, Pamela; Morrell, Jason
Subject: 250470_NEPA_ECT_02 23 2015

Greetings All,

Would you please review and comment for reevaluation submittal. Thanks!

Shana Miles, Environmental Planner-NEPA Unit
GDOT-Office of Environmental Services
One Georgia Center
600 West Peachtree Street, NW, 16th Floor
Atlanta, GA 30308
404-631-1155

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**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

**The Widening of Old Petersburg Road
& Old Evans Road**

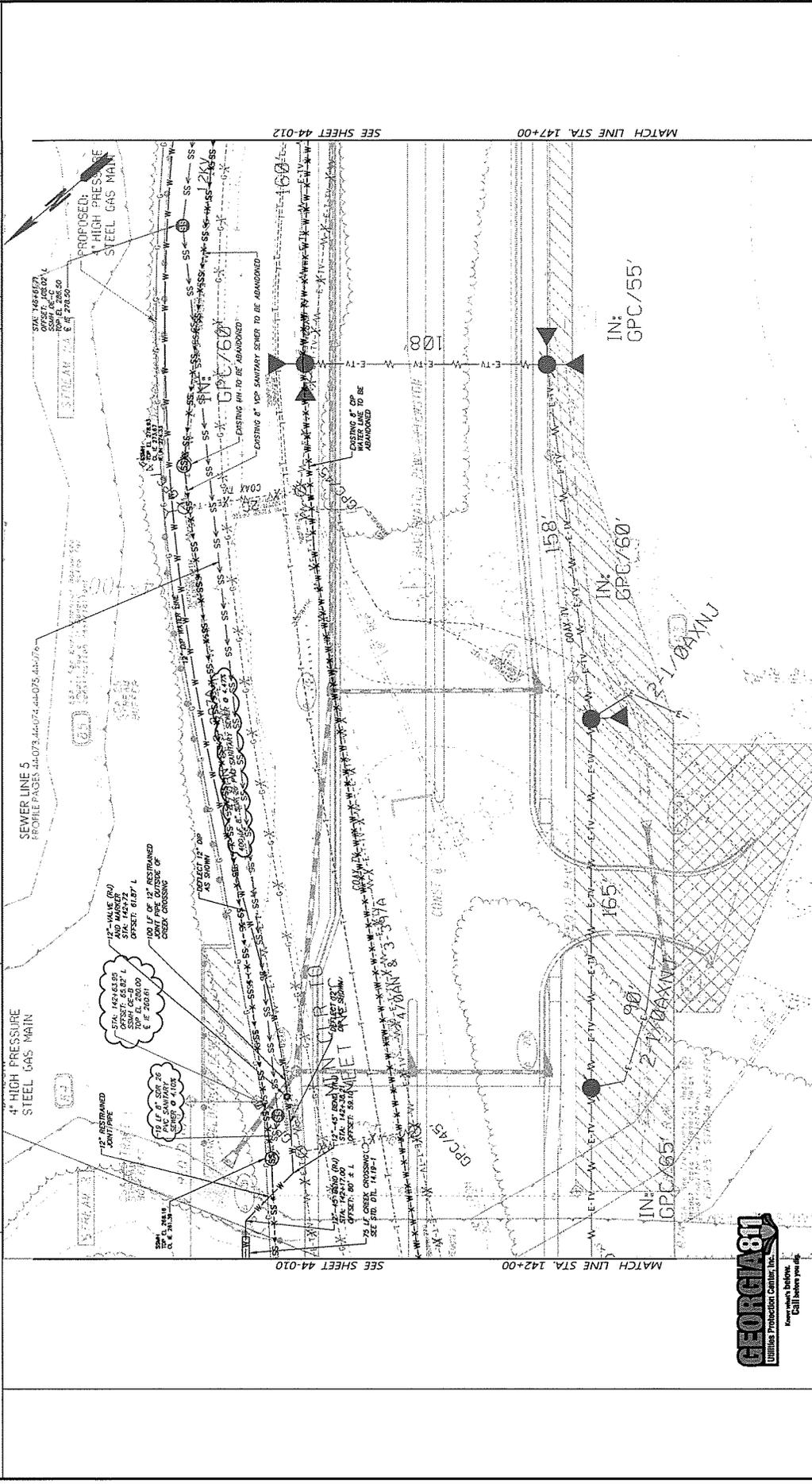
Columbia County

PI No. 250470

Environmental Reevaluation

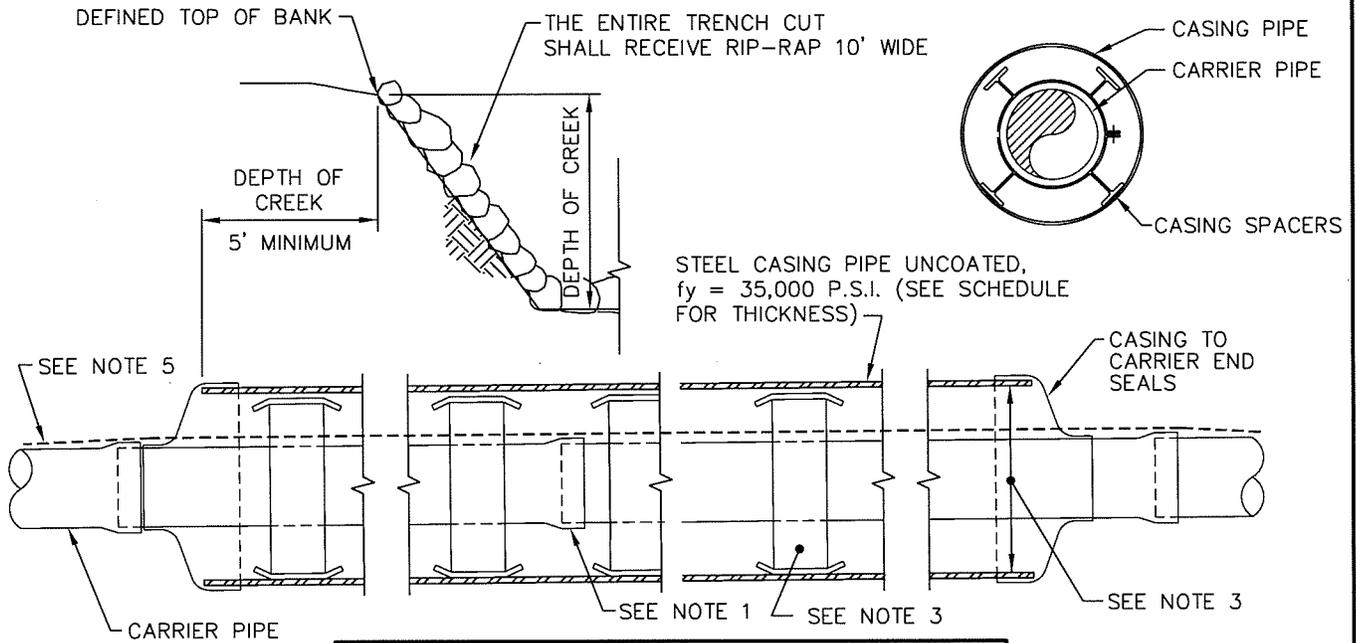
Attachment 3

PLAN SHEETS



<p>EXISTING WATER LINE (TO RETAIN)</p> <p>EXISTING WATER LINE (ABANDON)</p> <p>EXISTING FIBER OPTIC LINE</p> <p>PROPOSED FIBER OPTIC LINE</p> <p>EXISTING SEWER LINE (TO RETAIN)</p> <p>EXISTING SEWER LINE (ABANDON)</p> <p>PROPOSED SEWER LINE</p>	<p>EXISTING WATER METER</p> <p>PROPOSED WATER METER</p> <p>EXISTING WATER VALVE</p> <p>PROPOSED WATER VALVE</p> <p>EXISTING COLUMBIA COUNTY</p> <p>PROPOSED COLUMBIA COUNTY</p> <p>FIBER OPTIC MANHOLE</p>	<p>EXISTING FIRE HYDRANT</p> <p>PROPOSED FIRE HYDRANT</p> <p>EXISTING SEWER MANHOLE</p> <p>PROPOSED SEWER MANHOLE</p> <p>EXISTING AIR RELEASE</p> <p>VALVE MANHOLE</p>	<p>REVISION DATES</p> <p>12/02/14 REV. SCHEDULE LABELS</p> <p>12/02/14 REV. PROPOSED SIGN-1E-A</p>	<p>WIDENING AND RECONSTRUCTION OF OLD PETERSBURG ROAD/OLD EVANS RD COLUMBIA COUNTY WATER UTILITY</p> <p>CCWU UTILITY RELOCATION PLANS</p> <p>RIVERWATCH PARKWAY EXTENSION</p> <p>STA 142+00.00 - STA 147+00.00</p> <p>DRAWING NO. 44-011</p>
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OPEN CUT TRENCH INSTALLATION ONLY		
DUCTILE IRON CARRIER PIPE SIZE	CASING PIPE FOR CREEK CROSSING	
	SIZE	PIPE THICKNESS *
4"(FORCE MAIN ONLY)	10"	.25"
6"	12"	.25"
8"	16"	.312"
10"	16"	.312"
12"	20"	.312"
16"	24"	.312"
20"	30"	.375"
24"	36"	.375"

* .063" HAS BEEN ADDED TO MINIMUM FOR A CORROSION ALLOWANCE.

NOTES:

1. PIPE WITHIN THE CASING SHALL BE DUCTILE IRON PIPE ONLY AND INSTALLED WITH RESTRAINED JOINTS.
2. PROVIDE A MINIMUM OF 2 CASING SPACERS PER JOINT OF PIPE.
3. CONCRETE OR MORTAR IS NOT PERMITTED TO SEAL ENDS OF THE CASING PIPE.
4. WELDING RODS TO THE END OF THE CASING SHALL NOT BE USED TO RESTRAIN CARRIER PIPE. SUFFICIENT RESTRAINED JOINTS, THRUST COLLARS OR BLOCKING SHALL BE USED TO PREVENT MOVEMENT INSIDE AND OUTSIDE OF CASING PIPE.
5. ALL PVC WATER LINES OR PVC FORCE MAINS SHALL HAVE CONTINUOUS LOCATING WIRE REGARDLESS OF PIPE MATERIAL WITHIN CASING.

**CREEK CROSSING DETAIL FOR
WATER LINE OR FORCE MAIN**

NO SCALE

Approved By: _____ Date: _____
 Revision No. _____ Date: _____

WATER
UTILITY



ENGINEERING
DEPARTMENT

STANDARD
DETAIL NUMBER
14.19-1