

20 October, 2009

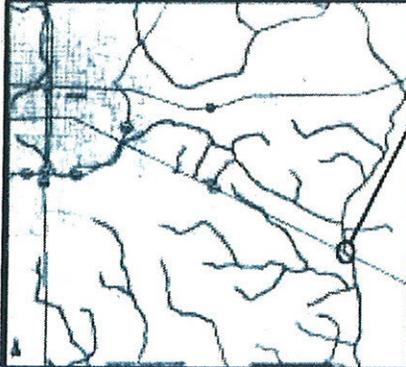
State of Georgia
Department of Transportation

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**
District 4 - Tifton, GA

Project Number: CSBRG-0007-00(166)
County: Coffee
P. I. Number: 0007166



Project Concept Report



Federal Route Number: N/A
State Route Number: 158

Bridge Replacement: SR 158 @ 17 Mile River 3.5 miles east of Douglas

Recommended for approval:

DATE: 10-21-09

DATE: 10-21-09

Naph J. Cuffe
Project Manager

Joe W. Sniffen
District Engineer

This concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Improvement Program (RTP) and/or the State Transportation Improvement Program (STIP).

DATE: 10/23/09

DATE: _____

DATE: 11/05/09

DATE: _____

DATE: _____

DATE: 3/19/10

Angela J. Alexander
State Transportation Planning Administrator

Financial Management Administrator
Glenn Bowman / DRP*
State Environmental/Location Engineer

State Traffic Safety and Design Engineer

Project Review Engineer
Paul V. Tuley Jr
State Bridge Design Engineer

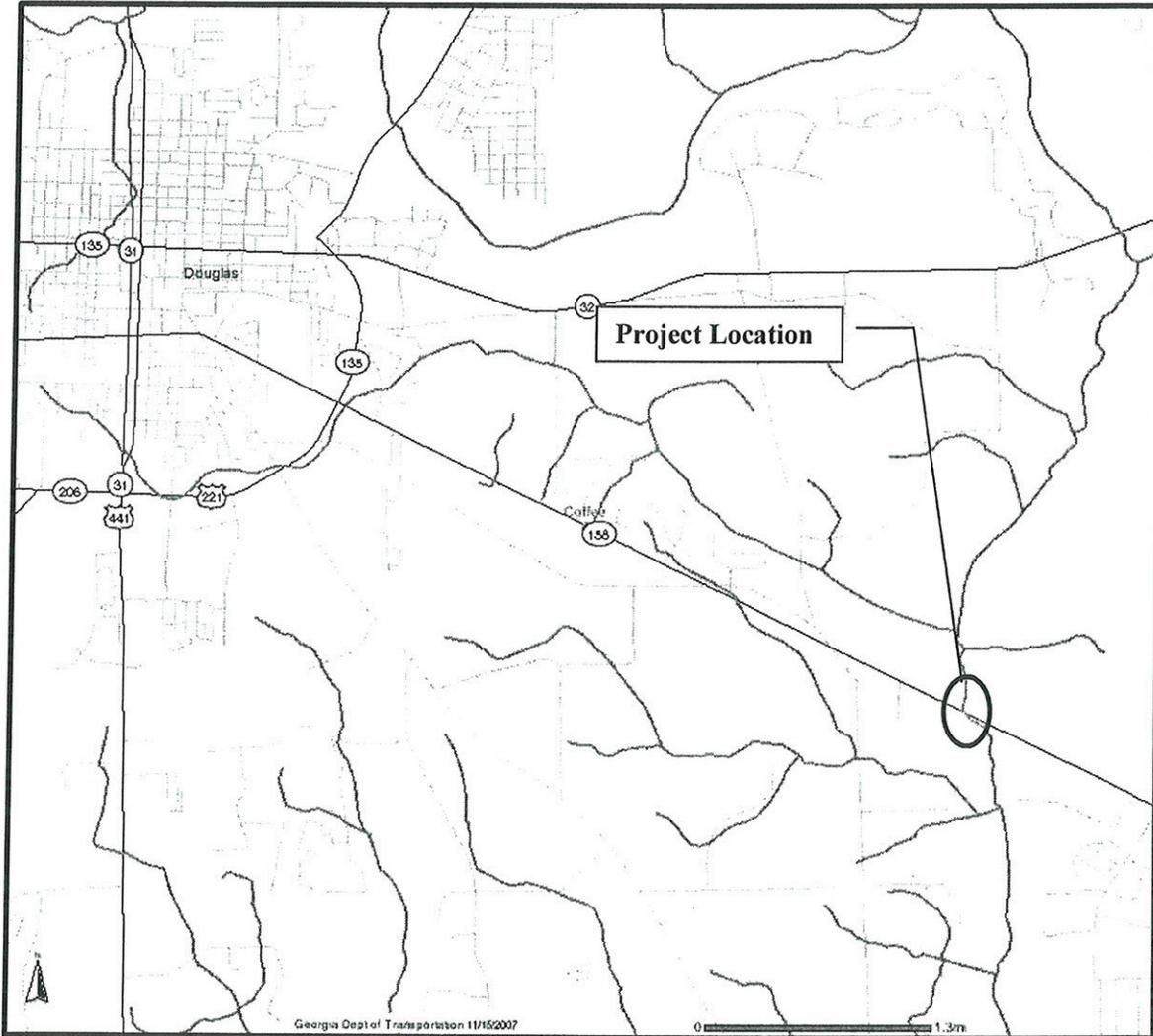
* Approval on file

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NEED AND PURPOSE

Coffee County P.I. No. 0007166, Project CSBRG-0007-00(166)

Bridge Replacement

Bridge project CSBRG-0007-00(166) proposes to replace the structurally deficient bridge located on SR 158 over 17 Mile River approximately 3.5 miles east of Douglas. The existing bridge has a design live load of H-15 and therefore does not meet current standards under GDOT policy 2405-1. The existing bridge also has a sufficiency rating of 29.08, which is less than a 50 rating and therefore recommended for replacement by the GDOT Office of Bridge Maintenance.

This section of SR 158 is a two-lane road that is functionally classified as a rural minor arterial and is not on a designated school bus route. The posted speed limit is 55 MPH. The existing bridge was constructed in 1960. The route that this bridge is on is not listed in a local bike route plan or a route identified in GDOT's Statewide Bicycle & Pedestrian Plan. Land use along this project is agricultural/woodland/residential.

There is only one other GDOT project in the area. GDOT PI Number M002395 is the resurfacing and repaving of SR 158 from S. Patterson Avenue in Douglas to the Ware County Line.

The annual average daily traffic (AADT) on this section of roadway was 2,525 in the year 2006, which is a Level of Service "B". The year 2013 AADT is expected to be 2,850 which represents a Level of Service "B". The projected year 2033 traffic is 3,650 AADT which also represents a Level of Service "B". Level of Service "A", "B" or "C" is considered to be acceptable traffic conditions. Seven and a half percent (7.5%) of the traffic volume is truck traffic.

Coffee County's population grew by 26.4% between 1990 and 2000 to a total population of 37,413. The project is located in Census tract 9903, which had a minority population of 34.4% in the year 2000. By comparison, in the year 2000 Coffee County had an overall minority population of 31.8% and the statewide average was 34.9% (the U.S. Census defines a minority population as Black/African-American, Hispanic/Latino, Asian/Pacific Islander, or American Indian/Alaska Native). The U.S. Census Bureau estimated that 19.1% of Coffee County residents lived below the poverty level in 1999, compared to a statewide average of 13%.

For SR 158, complete accident data was collected for the years 2004, 2005 and 2006. In 2004, the accident and injury rates for this section of SR 158 were higher than the statewide average. The statewide average accident rate in 2004 for a non-NHS, rural minor arterial was 258 accidents per MVMT, compared to an observed accident rate along this section of 391 accidents per MVMT. The statewide average injury rate in 2004 for this type of road was 85 accidents per MVMT, compared to an observed accident rate along this section of 391 accidents per MVMT. In 2006, the injury rate along this section of roadway was 437 accidents per MVMT, which is significantly higher than the statewide average of 68 accidents per MVMT for this type of road. During the three years reviewed, there were 6 accidents; 4 of which were not collisions with another motor vehicle. Instead, these 4 collisions included 2 on-roadway collisions (one with a deer and one with a pedestrian) and 2 off-roadway collisions (an overturn and a crash into the ditch). The remaining 2 accidents included a head-on collision and a sideswipe from the opposite direction. The accidents occurred at dispersed locations along this section of roadway. There were no fatalities on this section of roadway in the time period from 2004-2006.

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Replacing this bridge will bring it up to current design standards and in doing so will improve the operation and safety of this road.

Description of the project:

The proposed project would consist of replacing the structurally deficient bridge on SR 158 over the 17 Mile River which will bring it up to the current design standards. This project is located in Coffee County, approximately 3.5 miles east of Douglas, Georgia, in the 6th Land District, Land Lot No. 311, 312, 333, and 334 and is in Ga. Militia District 748. The proposed project will be approximately 0.52 miles in length.

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

PDP Classification: Major , Minor
Federal Oversight: Full Oversight , Exempt , State Funded , or Others

Functional Classification: Rural Minor Arterial

U. S. Route Number(s): None State Route Number(s): 158

Traffic (AADT):
Current Year: (2013) 2,850 Design Year: (2033) 3,650

Existing Design Features:

- Typical Section: Two-lane roadway - one 12'-0" travel lane in each direction, 6' grassed shoulders w/open ditches.
- Posted Speed 55 mph Maximum degree curvature 0° 00'
- Maximum Grade: 0.59 %
- Width of right of way: 120 to 300 ft.
- Major structures: Bridge: L = 756 ft ; W = 30 ft
- Major interchanges or intersections along the project: none
- Existing length of roadway segment and the beginning mile logs for each county segment: Project begins at Mile Log 24.17 and extends east .52 miles.

Proposed Design Features:

- Proposed typical section(s): Two-lane roadway - one 12' travel lane in each direction, 10' Shoulders (6.5' paved & 3.5' grassed)
- Proposed Design Speed Mainline 55 mph
- Proposed Maximum grade Mainline 0.51 % Maximum grade allowable 5 %
- Proposed Maximum grade Side Street n/a % Maximum grade allowable n/a %
- Proposed Maximum grade driveway n/a %
- Proposed Maximum degree of curve NONE Maximum degree allowable 5.4°
- Right of way

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- ⇒ Width: 155ft. to 325ft.
- ⇒ Easements: Temporary , Permanent , Utility , Others
- ⇒ Type of access control: Full , Partial , By Permit , Others
- ⇒ Number of parcels 6 Number of displacements:
 - ⇒ Business: 0
 - ⇒ Residents: 0
 - ⇒ Mobile homes: 0
 - ⇒ Others: 0

- Structures:
 - ⇒ Bridges: 850' x 40' Reinforced Concrete Bridge ✓
 - ⇒ Retaining walls: None
- Major intersections and interchanges: none
- Traffic control during construction: Traffic to be maintained by onsite detour.
- Design Exceptions to controlling criteria anticipated:

	<u>UNDETERMINED</u>	<u>YES</u>	<u>NO</u>
HORIZONTAL ALIGNMENT:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ROADWAY WIDTH:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SHOULDER WIDTH:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VERTICAL GRADES:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CROSS SLOPES:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
STOPPING SITE DISTANCE:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SUPERELEVATION RATES:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HORIZONTAL CLEARANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SPEED DESIGN:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VERTICAL CLEARANCE:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BRIDGE WIDTH:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BRIDGE STRUCTURAL CAPACITY:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- Design Variances: None anticipated
- Environmental concerns: *(Section 7 Consultation is anticipated)*
- Level of environmental analysis:
 - ⇒ Are Time Saving Procedures appropriate? Yes , No
 - ⇒ Categorical Exclusion:
 - ⇒ Environmental Assessment/Finding of No Significant Impact (FONSI) , or
 - ⇒ Environmental Impact Statement (EIS) .
- Utility involvement:

Project responsibilities:

- ⇒ Design, GDOT
- ⇒ Right of Way Acquisition, GDOT
- ⇒ Relocation of Utilities, Utility Owners
- ⇒ Letting to contract, GDOT
- ⇒ Supervision of construction, GDOT

RJ

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

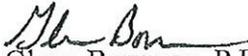
FILE: P.I. No. 0007166

OFFICE: Environment/Location

PROJECT No. CSBRG-0007-00(166) / COFFEE County

DATE: 11/5/09

Bridge Replacement: SR 158 @ 17 Mile River 3.5 miles East of Douglas

FROM: 
Glenn Bowman, P.E., State Environmental/Location Engineer
TO: Genetha Rice-Singleton, Assistant Director of Preconstruction
SUBJECT: PROJECT CONCEPT REPORT REVIEW

The Concept Report for the above project has been reviewed and appears satisfactory subject to the following comments:

1. The project schedule shows eighteen (18) months for NEPA approval. However, TPRO shows the current MGT ROW date as December 2010. Since environmental has not started yet, the earliest ROW authorization is will be closer to December 2011 (eighteen (18) months for NEPA and six (6) additional months to hold PFPR and to get ROW plans authorized).
2. We anticipate the need for Section 7 Consultation (informal) for the wood stork and the need for a special provision to avoid/minimize impacts for migratory birds.

If you have any questions, please contact Glenn Bowman at (404) 631-1101.

GB:lc

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- ⇒ Environmental, GDOT
- ⇒ Providing material pits, n/a
- ⇒ Providing detours, GDOT

Coordination:

- Initial Concept Meeting Date N/A
- Concept Meeting Date 4/14/09
- P. A. R. Meeting Date N/A
- Public involvement:
- Local government comments:
- Other projects in area: GDOT PI Number M002395 resurfacing and repaving project on SR 158
- Other coordination to date: None
- Railroads: None

Scheduling – Responsible Parties' Estimate

- Time to complete environmental process: ~~18~~ ^{12 months} Months.
- Time to complete preliminary construction plans: 8 Months.
- Time to complete right of way plans: 4 Months.
- Time to complete the Section 404 Permit: 12 Months.
- Time to complete final construction plans: 8 Months.
- Time to complete to purchase right of way: 12 Months.
- List other major items that will affect the project schedule: None

Other alternates considered: An off-site detour was considered, but due to the length (approximately 42 miles) of the off-site detour this alternate was abandoned.

Comments:

Attachments:

1. Typical Section
2. Cost Estimates
3. Accident Summaries
4. Traffic Assignments
5. Concept Meeting Minutes
6. Notification Letter
7. Location and Design Notice
8. Preliminary Plan Layout

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Exempt projects

Concur:



Director of Engineering

Approve:



Chief Engineer

Date: 4-15-10

STATE: GA

SHOULDER DETAIL FOR DIAPHRAGM SEE PLAN FOR LOCATION SEE PLAN FOR LOCATION

STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION DIVISION OF TRANSPORTATION

SECTION 201 - SHOULDER

SECTION 202 - SHOULDER

SECTION 203 - SHOULDER

SECTION 204 - SHOULDER

SECTION 205 - SHOULDER

SECTION 206 - SHOULDER

SECTION 207 - SHOULDER

SECTION 208 - SHOULDER

SECTION 209 - SHOULDER

SECTION 210 - SHOULDER

SECTION 211 - SHOULDER

SECTION 212 - SHOULDER

SECTION 213 - SHOULDER

SECTION 214 - SHOULDER

SECTION 215 - SHOULDER

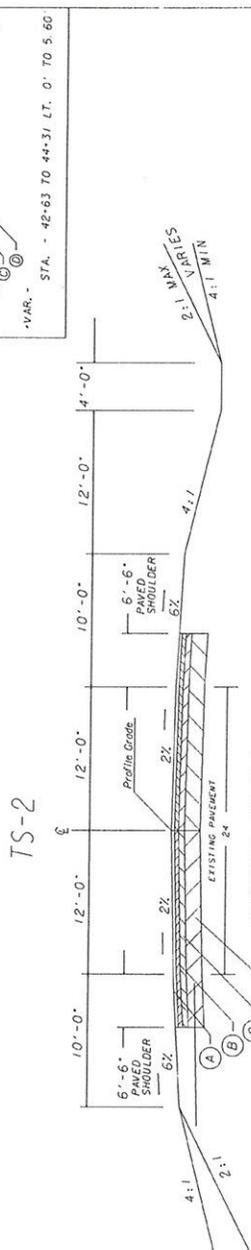
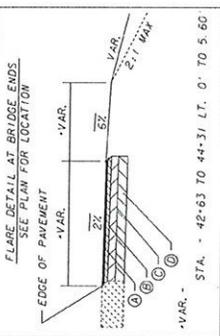
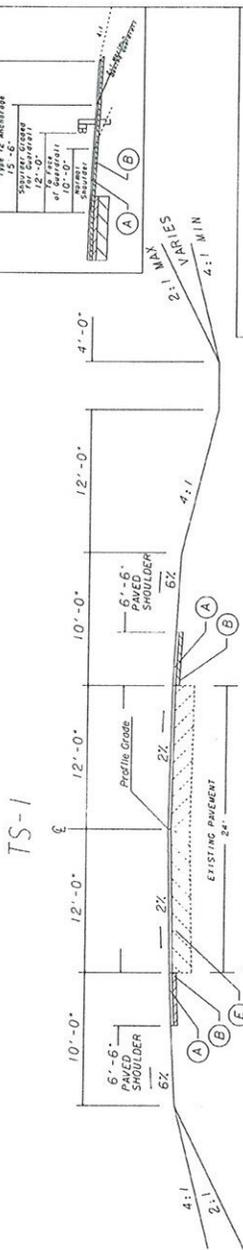
SECTION 216 - SHOULDER

SECTION 217 - SHOULDER

SECTION 218 - SHOULDER

SECTION 219 - SHOULDER

SECTION 220 - SHOULDER



- (A) 135 LBS/50 YD RECYCLED ASPHALT CONC 9.5 mm SUPERPAVE. 6% ONLY INCL BITUM MATL & H LIME
- (B) 220 LBS/50 YD RECYCLED ASPHALT CONCRETE 19 mm SUPERPAVE. GP 1 OR 2. INCL BITUM MATL & H LIME
- (C) 550 LBS/50 YD RECYCLED ASPHALT CONCRETE 25 mm SUPERPAVE. GP 1 OR 2. INCL BITUM MATL & H LIME
- (D) OR AGGR BASE CRS. 8 INCH. INCL MATL
- (E) RECYCLED ASPH CONC LEVELING. INCL BITUM MATL & H LIME AS REQUIRED BY THE ENGINEER

REVISION DATES		STATE OF GEORGIA
		DEPARTMENT OF TRANSPORTATION
		OFFICE:
		TYPICAL SECTIONS
		MAINLINE SR 158
		DRAWING NO. 29

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE PROJECT No. , **OFFICE**

DATE

P.I. No.

FROM

TO Ronald E. Wishon, Project Review Engineer

SUBJECT REVISIONS TO PROGRAMMED COSTS

PROJECT MANAGER

MNGT LET DATE

MNGT R/W DATE

PROGRAMMED COST (TPro W/OUT INFLATION)

LAST ESTIMATE UPDATE

CONSTRUCTION \$

RIGHT OF WAY \$

UTILITIES \$

DATE

DATE

DATE

REVISED COST ESTIMATES

CONSTRUCTION* \$

RIGHT OF WAY \$

UTILITIES** \$

* Costs contain % Engineering and Inspection and % Construction Contingencies.

** Costs contain % contingency.

REASON FOR COST INCREASE

Preliminary Cost Estimate for Concept Report

Estimate Report for file "0007166 Coffee Co. (with Detour Bridge) "

Section Roadway Items					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	Lump Sum	20000.00	TRAFFIC CONTROL	20000.00
210-0100	1	Lump Sum	477911.08	GRADING COMPLETE	477911.08
310-5080	8702	SY	12.65	GR AGGR BASE CRS, 8 INCH, INCL MATL	110080.30
402-1812	539	TN	65.16	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	35121.24
402-3102	1079	TN	62.10	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, TYPE II, BLEND 1, INCL BITUM MATL & H LIME	67005.90
402-3121	1662	TN	54.12	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	89947.44
402-3190	1340	TN	56.25	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	75375.00
413-1000	1228	GL	1.59	BITUM TACK COAT	1952.52
433-1200	284	SY	146.95	REINF CONC APPROACH SLAB, INCL SLOPED EDGE	41733.80
441-0301	4	EA	2231.14	CONC SPILLWAY, TP 1	8924.56
500-3101	1	CY	691.88	CLASS A CONCRETE	691.88
576-1018	347	LF	25.00	SLOPE DRAIN PIPE, 18 IN	8675.00
620-0100	2752	LF	36.51	TEMPORARY BARRIER, METHOD NO. 1	100475.52
634-1200	17	EA	125.00	RIGHT OF WAY MARKERS	2125.00
641-1100	84	LF	60.76	GUARDRAIL, TP T	5103.84
641-1200	453	LF	14.98	GUARDRAIL, TP W	6785.94
641-5001	2	EA	558.42	GUARDRAIL ANCHORAGE, TP 1	1116.84
641-5012	2	EA	1784.75	GUARDRAIL ANCHORAGE, TP 12	3569.50
643-8200	300	LF	2.74	BARRIER FENCE (ORANGE), 4 FT	822.00
Section Sub Total:					\$1,057,417.36

Section Signing and Marking					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1033	10	SF	19.37	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	193.70
636-2070	26	LF	8.53	GALV STEEL POSTS, TP 7	221.78
652-2501	1	LM	322.27	SOLID TRAFFIC STRIPE, 5 IN, WHITE	322.27
652-2502	1	LM	322.27	SOLID TRAFFIC STRIPE, 5 IN, YELLOW	322.27
654-1001	70	EA	5.28	RAISED PVMT MARKERS TP 1	369.60
657-1085	1700	LF	5.50	PREFORMED PLASTIC SOLID PVMT MKG, 8 IN, CONTRAST (BLACK-WHITE), TP PB	9350.00
657-6085	1700	LF	5.50	PREFORMED PLASTIC SOLID PVMT MKG, 8 IN, CONTRAST (BLACK-YELLOW), TP PB	9350.00
Section Sub Total:					\$20,129.62

Section Bridge No .1					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
540-1101	1	Lump Sum	907200.00	REMOVAL OF EXISTING BR, STA NO -	907200.00
541-0001	1	Lump Sum	1153498.00	DETOUR BRIDGE - 24 X 680	1153498.00
543-9000	1	Lump Sum	3400000.00	CONSTRUCTION OF BRIDGE COMPLETE	3400000.00
603-2024	900	SY	55.00	STN DUMPED RIP RAP, TP 1, 24 IN	49500.00
603-7000	900	SY	5.00	PLASTIC FILTER FABRIC	4500.00

Section Sub Total: \$5,514,698.00

Section Temporary Erosion Control

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	6	AC	283.37	TEMPORARY GRASSING	1700.22
163-0240	150	TN	198.77	MULCH	29815.50
163-0300	6	EA	1200.00	CONSTRUCTION EXIT	7200.00
163-0520	191	LF	17.96	CONSTRUCT AND REMOVE TEMPORARY PIPE SLOPE DRAIN	3430.36
163-0528	361	LF	4.20	CONSTRUCT AND REMOVE FABRIC CHECK DAM - TYPE C SILT FENCE	1516.20
163-0529	1677	LF	3.65	CONSTRUCT AND REMOVE TEMPORARY SEDIMENT BARRIER OR BALED STRAW CHECK DAM	6121.05
165-0030	4384	LF	1.06	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	4647.04
165-0041	181	LF	2.08	MAINTENANCE OF CHECK DAMS - ALL TYPES	376.48
165-0071	839	LF	1.06	MAINTENANCE OF SEDIMENT BARRIER - BALED STRAW	889.34
165-0101	6	EA	481.34	MAINTENANCE OF CONSTRUCTION EXIT	2888.04
167-1000	2	EA	570.83	WATER QUALITY MONITORING AND SAMPLING	1141.66
167-1500	12	MO	794.33	WATER QUALITY INSPECTIONS	9531.96
171-0030	8767	LF	4.14	TEMPORARY SILT FENCE, TYPE C	36295.38

Section Sub Total: \$105,553.23

Section Permanent Erosion Control

Item Number	Quantity	Units	Unit Price	Item Description	Cost
700-6910	8	AC	1533.25	PERMANENT GRASSING	12266.00
700-7000	16	TN	57.05	AGRICULTURAL LIME	912.80
700-7010	20	GL	20.53	LIQUID LIME	410.60
700-8000	6	TN	525.86	FERTILIZER MIXED GRADE	3155.16
700-8100	778	LB	4.53	FERTILIZER NITROGEN CONTENT	3524.34
716-2000	1992	SY	1.87	EROSION CONTROL MATS, SLOPES	3725.04

Section Sub Total: \$23,993.94

Total Estimated Cost: \$6,721,792.15

CONTINGENCY SUMMARY

Construction Cost Estimate:	\$ 6,721,792.15	(Base Estimate)
Engineering and Inspection:	\$ 336,089.61	(Base Estimate x 5 %)
Construction Contingency:	\$ 268,871.69	(Base Estimate x 4 %)
		(The Construction Contingency is based on the Project Improvement Type in TPro.)
 Total Fuel Adjustment	 \$ 55,021.13	 (From attached worksheet)
Total Liquid AC Adjustment	\$ 112,561.12	(From attached worksheet)
Construction Total:	\$ 7,494,335.70	
 Utility Cost Estimate:	 \$ 0.00	
Utility Contingency:	\$ 0.00	0 %
Utility Total:	\$ 0.00	

REIMBURSABLE UTILITY COST

Utility Owner	Reimbursable Cost
N/A	N/A

Attachments

c: Genetha Rice-Singleton, State Program Control Administrator

P.I. Number 7166

County Coffee Co.

Date 10/16/2009

Project Number CSBRG-0007-00(166)

**Special Provision, Section 109-Measurement and Payment
FUEL PRICE ADJUSTMENT (ENGLISH 125% MAX)**

ENTER FPL DIESEL	2.592
ENTER FPM DIESEL	5.832

ENTER FPL UNLEADED	2.444
ENTER FPM UNLEADED	5.499

<http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx>

INCREASE ADJUSTMENT
125.00%

INCREASE ADJUSTMENT
125.00%

ROADWAY ITEMS	QUANTITY	DIESEL FACTOR	GALLONS DIESEL	UNLEADED FACTOR	GALLONS UNLEADED	REMARKS
Excavations paid as specified by Sections 205 (CUBIC YARD)		0.29		0.15		
Excavations paid as specified by Sections 206 (CUBIC YARD)		0.29		0.15		
GAB paid as specified by the ton under Section 310 (TON)	3811.000	0.29	1105.19	0.24	914.64	
Hot Mix Asphalt paid as specified by the ton under Sections 400 (TON)		2.90		0.71		
Hot Mix Asphalt paid as specified by the ton under Sections 402 (TON)	4620.000	2.90	13398.00	0.71	3280.20	
PCC Pavement paid as specified by the square yard under Section 430 (SY)		0.25		0.20		

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS
Bridge Excavation (CY) Section 211				8.00		1.50		
Class __ Concrete (CY) Section 500				8.00		1.50		
Class __ Concrete (CY) Section 500				8.00		1.50		
Class __ Concrete (CY) Section 500				8.00		1.50		
Superstru Con Class __ (CY) Section 500				8.00		1.50		
Superstru Con Class __ (CY) Section 500				8.00		1.50		
Superstru Con Class __ (CY) Section 500				8.00		1.50		
Concrete Handrail (LF) Section 500				8.00		1.50		
Concrete Barrier (LF) Section 500				8.00		1.50		

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS
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Stru Steel Plan Quantity (LB) Section 501				8.00		1.50		
Stru Steel Plan Quantity (LB) Section 501				8.00		1.50		
PSC Beams____ (LF) Section 507				8.00		1.50		
PSC Beams____ (LF) Section 507				8.00		1.50		
PSC Beams____ (LF) Section 507				8.00		1.50		
Stru Reinf Plan Quantity(LB) Section 511				8.00		1.50		
Stru Reinf Plan Quantity(LB) Section 511				8.00		1.50		
Bar Reinf Steel (LB) Section 511				8.00		1.50		
Piling____ inch (LF) Section 520				8.00		1.50		
Piling____ inch (LF) Section 520				8.00		1.50		
Piling____ inch (LF) Section 520				8.00		1.50		
Piling____ inch (LF) Section 520				8.00		1.50		
Piling____ inch (LF) Section 520				8.00		1.50		
Piling____ inch (LF) Section 520				8.00		1.50		
Drilled Caisson,____ (LF) Section 524				8.00		1.50		
Drilled Caisson,____ (LF) Section 524				8.00		1.50		
Drilled Caisson,____ (LF) Section 524				8.00		1.50		
Pile Encasement,____(LF) Section 547				8.00		1.50		
Pile Encasement,____(LF) Section 547				8.00		1.50		
SUM QF DIESEL=		14503.19		SUM QF UNLEADED=		4194.84		
DIESEL PRICE ADJUSTMENT(\$)				\$43,231.11				
UNLEADED PRICE ADJUSTMENT(\$)				\$11,790.02				

ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)

APPLICABLE TO CONTRACTS CONTAINING THE 413 SPEC. SECTION 413.5.01 ADJUSTMENTS ASPHALT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT

<http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx>

ENTER APL

ENTER APM

MISSING APL OR APM

MISSING APL OR APM

Use this side for Asphalt Emulsion Only

L.I.N.	TYPE	ASPHALT EMULSION (GALLONS)

TMT =

REMARKS:

Use this side for Asphalt Cement Only

L.I.N.	TYPE	TACK (GALLONS)

TMT =

REMARKS:

MONTHLY PRICE ADJUSTMENT(\$)

MISSING APL OR APM

ADJUSTMENT SUMMARY

FUEL PRICE ADJUSTMENT (ENGLISH 125% MAX)

DIESEL PRICE ADJUSTMENT(\$) \$43,231.11

UNLEADED PRICE ADJUSTMENT(\$) \$11,790.02

ASPHALT CEMENT PRICE ADJUSTMENT (BITUMINOUS TACK COAT 125% MAX) \$2,512.72

400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX \$110,048.40

ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX) MISSING APL OR APM

REMARKS:

TOTAL ADJUSTMENTS

\$167,582.24

QUERY SUMMARY
For Year(s): 2004,2005,2006,2007,2008

Year	County	Route Type	Route Number	Beginning Milelog	Ending Milelog	No. Accidents	No. Vehicles	No. Injuries	No. Fatalities
2004	Coffee	State Route	015800	24.00	25.00	4	6	4	0
2004 SubTotal						4	6	4	0
2005	Coffee	State Route	015800	24.00	25.00	1	1	0	0
2005 SubTotal						1	1	0	0
2006	Coffee	State Route	015800	24.00	25.00	1	2	4	0
2006 SubTotal						1	2	4	0
2007	Coffee	State Route	015800	24.00	25.00	1	1	0	0
2007 SubTotal						1	1	0	0
2008	Coffee	State Route	015800	24.00	25.00	1	1	0	0
2008 SubTotal						1	1	0	0
All Year(s)Total						8	11	8	0



Department of Transportation

HAROLD E. LINNEKOHLE
COMMISSIONER
(404) 656-5208

DAVID E. STODSTILL, JR., P.E.
CHIEF ENGINEER
(404) 656-5277

State of Georgia
#2 Capitol Square, S.W.
Atlanta, Georgia 30334-1002

LARRY E. DENT
DEPUTY COMMISSIONER
(404) 656-5205

EARL L. MAHFUZ
TREASURER
(404) 656-5224

June 16, 2006

Mr. Donnie Graham
Commission Chairman, Coffee County
101 S. Peterson Avenue
Douglas, GA 31533

Dear Chairman Graham:

Subject: Local Government Responsibilities

Project No. CSBRG-0007-00(166) Coffee Co. PI# 0007166
SR 158 @ 17 MILE RIVER 3.5 MI EAST OF DOUGLAS

The Office of Financial Management has added the subject project to the Department's Construction Work Program.

In an effort to improve project delivery, the Department has decided to adopt a new policy in regards to Local Government responsibility and commitment requirements. For projects generated by a State Highway System need, the Department will no longer request upfront Local Government commitments nor require Local Governments to bear costs for third parties. These projects will be classified as "Department Projects" hereon. The Department will assume the eligible costs for all utilities and railroads holding a property interest.

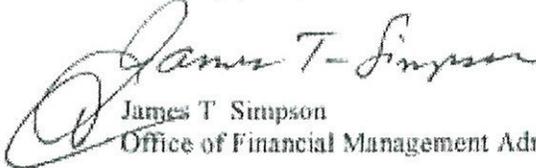
However, utility adjustment / relocation costs associated with any utility that was originally installed within a public right of way shall remain the responsibility of each respective utility owner (Office Code of Georgia Annotated 32-6-171). Please ensure that adequate funding is budgeted for the adjustment / relocation of such utility facilities owned by your Local Government (including any associated Authority's facilities). The Department's District Utilities Office will contact you to determine the potential impacts to your facilities.

Also, in an effort to improve project coordination, the Department strongly urges all Local Governments and associated Authorities that own water and sewer facilities to include such relocation work in the project by notifying the Department's District Utilities Office as early as possible in the project's development.

We hope this new policy will eliminate some of the uncertainties for Local Governments when making early commitments for often unknown costs, and the scheduled delivery of each project will be more reliable.

If you have any questions, feel free to call me at (404) 463-0966 or Joe Sheffield, District Engineer in Tifton at your convenience.

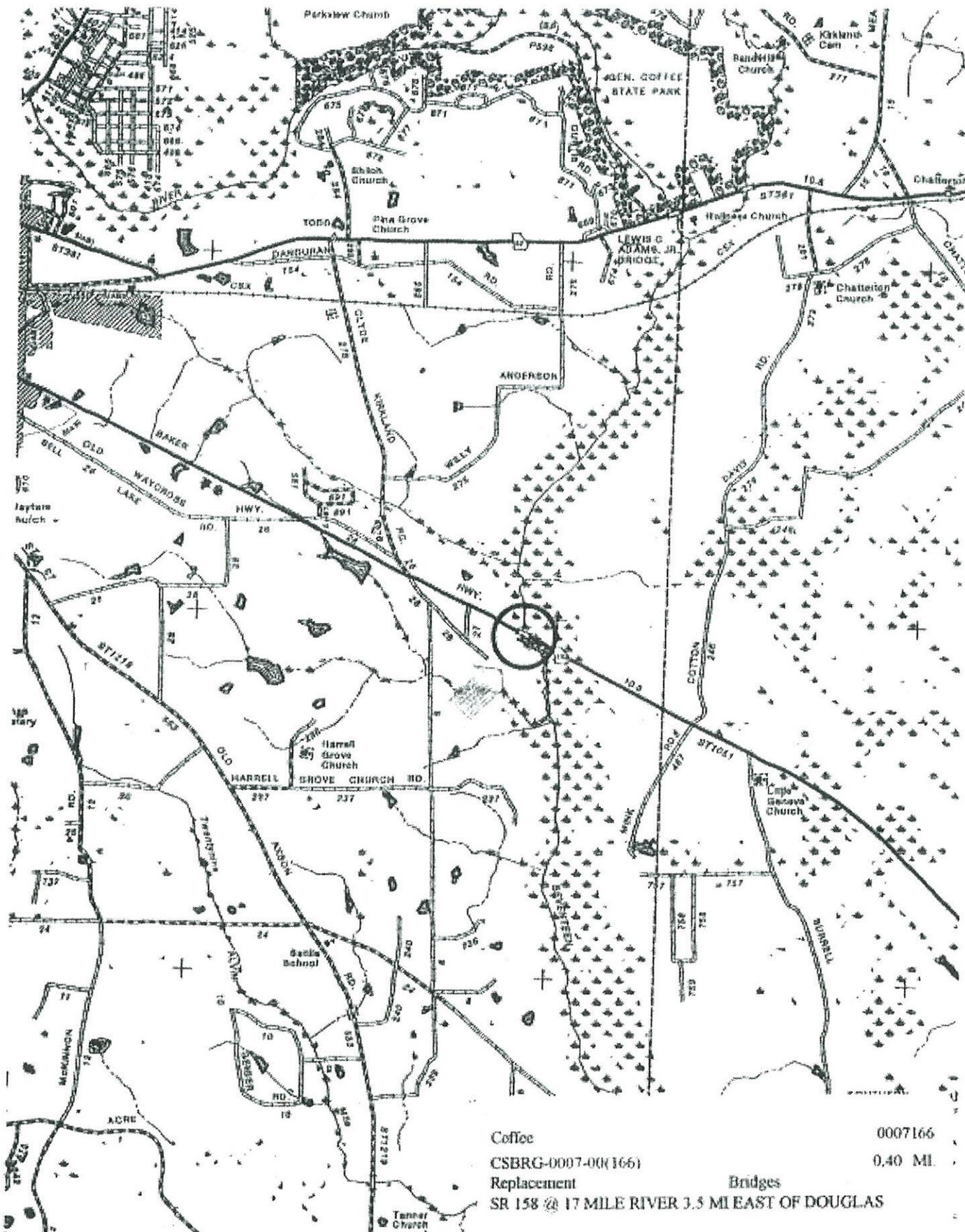
Sincerely yours,



James T. Simpson
Office of Financial Management Administrator

JTS RR:kp

- cc Joe Sheffield - District 4 Engineer
- cc Tim Warren - District 4 Utilities Engineer
- cc Jeff Baker - State Utilities Engineer
- cc Ralph Griffin - Project Manager, District 4



Coffee 0007166
 CSBRG-0007-00(166) 0.40 MI.
 Replacement Bridges
 SR 158 @ 17 MILE RIVER 3.5 MI EAST OF DOUGLAS

**Department of Transportation
State of Georgia**

**Concept Meeting Minutes
April 14, 2009**

Project No. CSBRG-0007-00(166), Coffee Co.
PI No. 0007166
Description Bridge Replacement: SR 158 @ 17 Mile River 3.5 miles east of Douglas

A Concept Team Meeting was held for the subject project on April 14, 2009. The meeting was requested and conducted by Ralph S. Griffin, District Design Engineer. The meeting was held at the GDOT District Office in Tifton and began at 10:00 am. The meeting began with Ralph S. Griffin reading the project description and then with introductions. Ralph S. Griffin gave an outline of the Draft Concept Report including the Need and Purpose, the roadway classifications, the traffic data, the proposed design features, etc. Ralph S. Griffin also stated that an on-site detour was to be used on the project.

Dennis Carter, District Environmentalist, stated that a Categorical Exclusion (CE) Document and a 404 permit will be needed and that there will be wetland impacts. He stated that there are no Underground Storage Tanks (UST). He also stated that a survey will need to be done to determine the endangered species, but that there are concerns for the bald eagle, red cockaded woodpecker (due to mature stand of pines located to the north of the bridge), indigo snake, gopher tortoise, and the wood stork.

Ken Cheek, Utilities Office, asked Billy Shores, Satilla EMC, and Jasper Stewart, Windstream Engineer, if they had any questions or concerns. They replied that they will wait on first submission plans to come out.

Joe Cowan, District Construction Engineer, was concerned about the onsite detour and stated that a work bridge needed to be considered to be shown on the plans to help the contractor (so they can permit it all at one time).

Ralph S. Griffin stated that the detour bridge will be driven by environmental concerns.

Gerald McDaniel, Traffic Operations, stated that any proposed driveways need to be shown and that the maximum grade on the driveways needs to be checked and verified. He also stated that no milling was shown on the plans before the bridge approaches. Mr. McDaniel stated that wet-reflective preformed marking needs to be used on the bridge deck.

Jasper Stewart noted that their facilities, Windstream lines, are located on the south side of the bridge and the detour is on the north side, but that their lines are still too close for construction.

Ralph S. Griffin led group to look at the proposed layouts for the project.

Joe Cowan asked when the high water elevations for the 17 Mile River were measured last and recommended that survey go back and recheck the high water elevations since the recent heavy rains and flooding in South Georgia.

Billy Shores asked what distance will be needed between the power lines and the bridge during construction.

Ken Check and others stated that more room than is currently provided will be needed during construction and there will most likely need to be a temporary relocation to provide this distance.

Billy Shores stated that Satilla EMC will need driveways/access to get down to the utility poles for temporary relocation.

Ralph S. Griffin adjourned the meeting at 10:25 am.



Ralph S. Griffin, District Design Engineer

SIGN IN SHEET

PROJECT NO.: CSBRG-0007-00(166)
 P. I. NO.: 0007166
 COUNTY: COFFEE
 DATE: April 14, 2009
 TIME: 10:00 AM

NAME	AGENCY	PHONE NO.
Sandy Griffin	GDOT	229-386-3618
Jason S. Willingham	GDOT	229-391-2539
KEN CHEEK	GDOT UTILITIES	229-386-3288
Tim WARREN	GDOT UTILITIES	229-386-3288
Billy SHORES.	SATILLA EMC	912-632-7481
Tracy Bullard	GDOT Design	229-386-3039
SCOTT CHAMBERS	GDOT CONST	229 386 3304
Dennis Carter	GDOT	229-386-3046
Antonio Graves	GDOT DESIGN	229-386-3038
GERALD ATKINSON	GDOT TRAFFIC OPS	229-386-3435
SASPER Stewart	Windstream Engineer	912-423-2800
Randy Dobbs	City of Douglas	912 389 3444
Jerry Lott	City of Douglas	912-389-3572
JOE W. SHEFFIELD	GDOT-TIFFIN	229-386-3280
Joe Cowan	GDOT Constr.	229-386-3300

NOTICE OF LOCATION AND DESIGN APPROVAL

CSBRG-0007-00(166), Coffee County PI No. 0007166

Notice is hereby given in compliance with Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the Location and Design of the above project.

The date of location approval is 4/20/10.

Description of the project:

The proposed project would consist of replacing the structurally deficient bridge on SR 158 over the 17 Mile River which will bring it up to the current design standards. This project is located in Coffee County, approximately 3.5 miles east of Douglas, Georgia, in the 6th Land District, Land Lot No. 311, 312, 333, and 334 and is in Ga. Militia District 748. The proposed project will be approximately 0.52 miles in length.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

Keith Carver, Area Engineer
hcarver@dot.ga.gov
1835 S Peterson Ave
Douglas, GA 31535

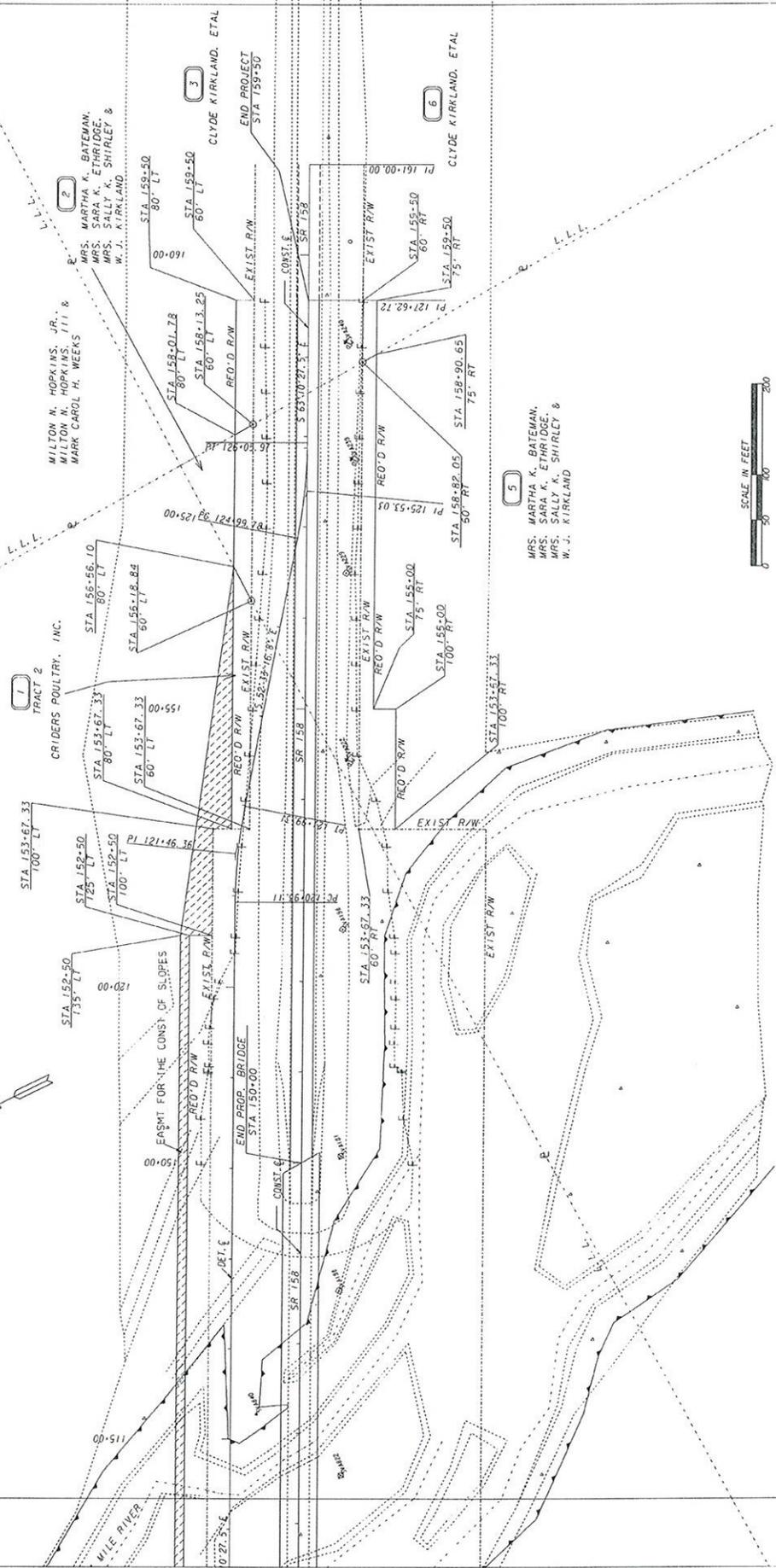
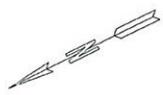
Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Ralph S. Griffin, District Design Engineer
sandy.griffin@dot.state.ga.us
Georgia Department of Transportation
PO Box 7510
Tifton, GA 31793
(229) 386-3300

Any written request or communication in reference to this project or notice SHOULD include the Project and P. I. Numbers as noted at the top of this notice.

STATE	PROJECT NUMBER	SHEET TOTAL
GA.	CSBRG-0007-0011661	NO. SHEETS

CSBRG-0007-0011661



SHOULDER: 10% SLOPE
 DOWNSLOPE: 1% TO 10% SLOPE