

ORIGINAL TO GENERAL FILES

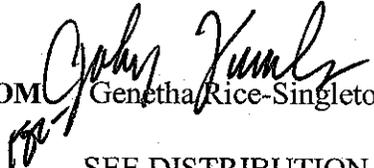
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0008297, Evans County
CSBRG-0008-00(297)
CR 77/Tippins Road over Bull Creek-
Bridge Replacement

OFFICE Preconstruction

DATE February 22, 2008

FROM  Genetha Rice-Singleton, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT APPROVED PROJECT CONCEPT REPORT

Attached for your files is the approval for subject project.

Attachment

DISTRIBUTION:

Brian Summers
Glenn Bowman
Ken Thompson
Michael Henry
Keith Golden
Glenn Durrence
Angela Alexander
Paul Liles
Dennis Odom
BOARD MEMBER

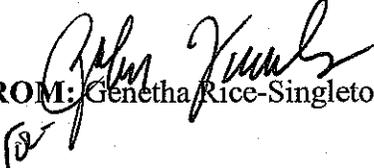
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE: P.I. No. 0008297, Evans County
CSBRG-0008-00(297)
CR 77/Tippins Road over Bull Creek-
Bridge Replacement

OFFICE: Preconstruction

DATE: February 14, 2008

FROM:  Genetha Rice-Singleton, Assistant Director of Preconstruction

TO: Gerald M. Ross, P.E., Chief Engineer

SUBJECT: *PROJECT CONCEPT REPORT*

This project is the replacement of a structurally deficient bridge on CR 77/Tippins Road over Bull Creek, 5.0 miles east of Claxton, Georgia. The existing bridge, constructed in 1955, is a 240' x 25.2' concrete structure with a sufficiency rating of 28. In 2006 GDOT, in conjunction with Evans County, made interim repairs (pile replacement/repair) with straddle bents and sway bracing along the bridge. The repairs to the structure are temporary to facilitate at least H-10 capacity and traffic flow. County Road 77 at this location is a rural two lane roadway with 11' lanes with variable width grass shoulders with a posted speed of 55 MPH. County Road 77 is classified as a rural local road. The existing traffic (2007) along this section of CR 77 is 100 VPD. The design year (2037) volumes are projected to be 250 VPD. The proposed speed design is 55 MPH.

The project proposes to construct a new 240' x 28' concrete bridge over Bull Creek at the existing bridge site. The approaches will consist of two, 11' lanes with 5' rural shoulders. The existing bridge will be closed to traffic during construction. Traffic will be detoured via an off-site detour.

Environmental concerns include requiring a COE 404 permit; Categorical Exclusion will be prepared; a Public hearing is not required; Time saving procedures is appropriate.

The estimated costs for this project are:

	PROPOSED	APPROVED	FUNDING	PROG DATE
Construction (includes E&C)	\$ 511,000	\$ 511,000	L110	LR
Right-of-way & Utilities	Local	Local	Local	

P.I. No. 0008297, Evans County

Page 2

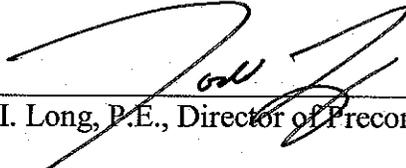
February 14, 2008

* PFA sent requesting Evans County do Right-of-way and Utilities

I recommend this project concept be approved.

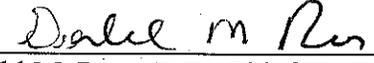
GRS: JDQ
Attachment

CONCUR



Todd I. Long, P.E., Director of Preconstruction

APPROVED



Gerald M. Ross, P.E., Chief Engineer



Looking North



AT RIGHT SIDE - LOOKING NORTH

PRECONSTRUCTION STATUS REPORT

PROJ ID	COUNTY	DESCRIPTION	MGMT. ROW DATE	SCHED DATE	MGMT. LET DATE
0008297	Evans	CR 77/DAVID TIPPINS ROAD @ BULL CREEK		Oct-11	

CSBRG-0008-00(297) **FIELD DIST:** 5
TIP #: **TWIN:** **US:**
MPO: Not Urban **EST DATE:** 11/27/07
MODEL YR:
PROJ MGR: Odom, Dennis **PROJ LENGTH:** 0.40
PROG: Replacement **TYPE WORK:** Bridges
TYPE:
CONCEPT: **LET RESP:** DOT Congressional Districts: 12

Phase	Approved	Proposed	Cost	Fund	Status
PE	2007	2007	65,000.00	L110	AUTHORIZED
ROW	LOCL	LOCL	5,000.00	LOC	PRECST
CST	LR	LR	511,000.00	L110	PRECST

SCHED START	SCHED FINISH	ACTIVITY	ACTUAL START	ACT/EST FINISH	PCT	DISTRICT COMMENTS
12/20/07	7/8/76	Define Project Concept	10/9/07	10/16/07	100	D5 to cmplt PE activities in-house (CAH) 110806/TAS/8-1-07/working on concept; has requested initial data/9-10-07/working on concept development/11-7-07/initial concept meeting 11-14-07; will require an Off-site Detour meeting. Concept sent for approval on Nov 27 (ADO)/TAS/12-6-07/Off-Site Detour Meeting scheduled for February 12
7/21/76	7/22/76	Concept Meeting	11/14/07	11/14/07	100	
7/10/08	8/13/08	Concept Submittal and Review	11/27/07		42	
8/14/08	8/27/08	Receive Preconstruction Concept Approval			0	
8/27/08	8/27/08	Management Concept Approval Complete			0	
8/28/08	4/2/09	Environmental Approval			0	
8/29/08	10/2/08	Field Surveys/SDE			0	
10/3/08	12/3/09	Preliminary Plans			0	
2/6/09	7/30/09	Preliminary Bridge Design			0	
8/28/08	10/2/08	Underground Storage Tanks			0	
1/2/09	3/19/09	404 Permit Obtainment			0	
12/25/09	12/28/09	FFPR Inspection			0	
2/2/10	4/26/10	R/W Plans Preparation			0	
6/22/10	6/25/10	R/W Plans Final Approval			0	
2/2/10	2/4/10	L & D Report Development and Approval			0	
6/28/10	8/17/11	R/W Acquisition			0	
11/15/10	11/26/10	Stake R/W			0	
2/2/10	2/11/10	Soil Survey			0	
2/2/10	3/9/10	Bridge Foundation Investigation			0	
2/5/10	1/7/11	Final Design			0	
3/8/10	10/15/10	Final Bridge Plans Preparation			0	
1/31/11	2/1/11	FFPR Inspection			0	
2/15/11	2/28/11	FFPR Response			0	

BIKE PROVISIONS INCLUDED?: Y **MEASUREMENT** E **CONSULTANT:** N **UT EST:**

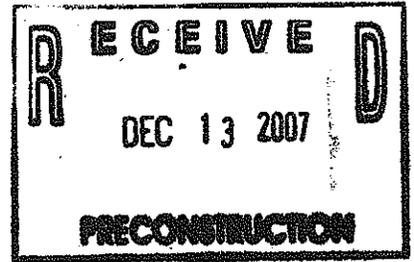
Bridge: BRIDGE REQUIRED
Design: Concept sent for approval on Nov 27.
EIS: SMART
LGPA: REV LGPA AGREEMENT SGN EVANS DO ROW & UTILITIES 11-16-06.
Planning: Bicycle facilities recommended by US Title 23 Section 17-e, provided federal funds are spent
EMG: BRIDGE REPLACEMENT

R/W INFORMATION:

PREL PARCEL CT: **TOTAL PARCEL CT:** **ACQUIRED BY:** LOC **ACQ MGR:**
UNDER-REVIEW CT: **RELEASED** **OPT-PEND CT:** **DEEDS CT:** **COND-PEND CT:** **COND-FILED CT:**
RW CERT DT: **ACQUIRED CT:** **RELOCATION CT:**

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

MEMORANDUM



FILE CSBRG-0008-00(297) Office Planning
P.I. 0008297
DATE 11/28/2007

FROM  Angela T. Alexander, State Transportation Planning Administrator

TO Genetha Rice-Singleton, Assistant Director of Preconstruction

SUBJECT Revised Concept Report - ^{EVANS} ~~Chatham~~ County
CSBRG-0008-00(297) P.I. 0008297

The Planning Office was requested by Preconstruction to verify if the subject project was identified in the FY '08-'11 STIP. PE was authorized in 2007. Right-of-Way and Construction phases are currently outside of the currently approved FY08-11 STIP. The project will be moved into the STIP as funding allows. This project, as defined in the concept report, is consistent with the project description which will appear in the STIP.

KBM

Attachment

Date:

12-3-07


State Transportation Planning Administrator

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

Office: Jesup

Project Number: CSBRG-0008-00(297)

County: Evans

P. I. Number: 0008297

Federal Route Number: N/A

State Route Number: N/A

County Road: CR 77

Recommendation for approval:

DATE 11-26-07


Project Manager

DATE 11-26-07


District Engineer

The 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 _____

State Transportation Planning Administrator

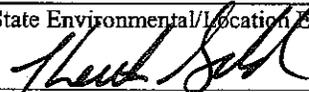
DATE _____

Office of Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE 11-29-07


State Traffic Safety and Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P.I. No. 0008297 **OFFICE:** Environment/Location
DATE: December 6, 2007
FROM: *GSB/WAB*
Glenn Bowman, P.E., State Environmental/Location Engineer
TO: Genetha-Rice Singleton, Assistant Director of Preconstruction
SUBJECT: **PROJECT CONCEPT REPORT**
CSBRG-0008-00(297) / Evan County
Bridge Replacement @ CR 77 / David Tippins Rd. over Bull Creek

The above subject Concept Report has been reviewed and appears satisfactory subject to the following comment:

1. The bridge was built in 1955 and was not included in the GHBS. It will need to be evaluated separately.

If you have any questions, please contact Glenn Bowman at (404)699-4401.

GB:lc

Attachment

cc: Brian Summers
Jamie Simpson
Angela Alexander
Keith Golden
Glenn Durrence
Paul Liles

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

Office: Jesup

Project Number: CSBRG-0008-00(297)

County: Evans

P. I. Number: 0008297

Federal Route Number: N/A

State Route Number: N/A

County Road: CR 77

Recommendation for approval:

DATE 11-26-07

Demetrius
Project Manager

DATE 11-26-07

Allen W. Lawrence / *BNA*
District Engineer

The 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 _____

State Transportation Planning Administrator

DATE _____

Office of Financial Management Administrator

DATE 12/6/07

Allen Bowman / *WES*
State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Engineer

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

Office: Jesup

Project Number: CSBRG-0008-00(297)

County: Evans

P. I. Number: 0008297

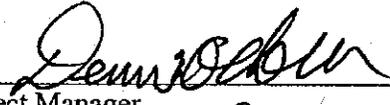
Federal Route Number: N/A

State Route Number: N/A

County Road: CR 77

Recommendation for approval:

DATE 11-26-07



Project Manager

DATE 11-26-07



District Engineer

The 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 _____

State Transportation Planning Administrator

DATE _____

Office of Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Engineer

Project Concept Report: Page 3
Project Number: CSBRG-0008-00(297)
P. I. Number: 0008297
County: Evans

Need and Purpose: Project Number CSBRG – 0008-00(297) will replace the structurally deficient, existing bridge. The Bridge is located on County Road 77 / David Tippins Road over Bull Creek. The existing bridge deck is 25.2 feet wide over Bull Creek in Evans County and has a sufficiency rating of 28.14. The Office of Bridge Maintenance has determined that any bridge with a sufficiency rating less than 50 should be replaced rather than improved. This project proposes to replace the existing bridge with a structurally adequate bridge.

County Route 77 is functionally classified as a Rural Local Road. The posted speed limit along County Route 77 is 55 mph at Bull Creek. There is truck traffic (16%) with a designated "No Trucks" posting. The Design Year Traffic, 2013, along this section of roadway is 150. The projected future Design Year Traffic (2033) for this section of roadway is 250.

In 2006 GDOT, in conjunction with Evans County, made interim timber sub structural repairs (pile replacement/repair) with straddle bents and sway bracing along the bridge. The repairs to the structure are temporary to facilitate at least H-10 capacity and traffic flow.

The need exists to replace the structurally deficient, existing bridge on County Route 77 over Bull Creek, in Evans County. This will bring it to current design standards and in doing so will improve the operation and safety of this roadway.

Description of the proposed project: The approximate length of the project is 0.400 miles (Road Inventory Mile Post 1.92) and generally approximately 1 mile south of the city limits of Daisy, Georgia on CR 77 at Bull Creek. The logic for establishing these termini is due to replacing the bridge and reworking the shoulders and slopes to accommodate the guardrail. The new bridge will be constructed on the existing alignment (tangent section) with an off-site detour to maintain traffic during construction. County Road 250 is a possible detour route. The concept proposes to satisfy the Need and Purpose by replacing a substandard load capacity and deck geometry bridge, while at the same time placing guardrail and upgrading shoulders to accommodate guardrail.

Is the project located in a Non-attainment area? NO.....

PDP Classification: Major Minor X

Federal Oversight: Full Oversight (), Exempt(X), State Funded(), or Other ()

Functional Classification: Rural Local Road

U. S. Route Number(s): N/A

State Route Number(s): N/A

Traffic (AADT): Current Year: (2007) 100..... Design Year: (2033) 250.....

Project Concept Report: Page 4
 Project Number: CSBRG-0008-00(297)
 P. I. Number: 0008297
 County: Evans

Existing design features:

- Typical Section: **Two paved 11 ft lanes, 2 ft shoulders, with v ditch left and right.**
- Posted speed **55** mph Maximum degree of curvature: **N/A – Tangent Section**
- Maximum grade: **2%** mainline Driveways **N/A**
- Width of right of way: **80.0 feet**
- Major structures: **240.0 ft. x 25.2 ft. bridge with sufficiency rating of 28.14**
- Major interchanges or intersections along the project: **N/A**
- Existing length of roadway segment and the beginning mile logs are for each county segment. **0.400 miles, Beginning M.P. 1.72**

Proposed Design Features:

- Proposed typical section(s): **Two paved 12 ft. lanes, with 10 ft. shoulders left and right and 4 ft. wide ditches.**
- Proposed Design Speed Mainline **55 mph**
- Proposed Maximum grade Mainline **2.0** Maximum grade allowable **6%**.
- Proposed Maximum grade Side Street **N/A** Maximum grade allowable **N/A**
- Proposed Maximum grade driveway **10.5%** Maximum grade allowable **Commerical 11% Residential 28%**
- Proposed Maximum degree of curve **6%** Maximum degree allowable **6% @ 55 mph.**
- Right of way
 - Width : **Possibly 150 ft., 35 additional feet on each side**
 - Easements: Temporary (), Permanent (), Utility (), Other ().
 - Type of access control: Full (), Partial (), By Permit (X), Other ().
 - Number of parcels: **Not Determined** Number of displacements: 0
 - Business: 0
 - Residences 0
 - Mobile homes: 0
 - Other: 0
- Structures:
 - Bridges: The proposed bridge will be **240 ft. X 28 ft.**
 - Retaining walls **N/A**
- Major intersections and interchanges. **N/A**
- Traffic control during construction: **Existing Through Traffic Will Use Off-Site Detour**
- Design Exceptions to controlling criteria anticipated: **None anticipated.**

	<u>UNDETERMINED</u>	<u>YES</u>	<u>NO</u>
HORIZONTAL ALIGNMENT:	()	()	(X)
ROADWAY WIDTH:	()	()	(X)
SHOULDER WIDTH:	()	()	(X)
VERTICAL GRADES:	()	()	(X)
CROSS SLOPES:	()	()	(X)
STOPPING SIGHT DISTANCE:	()	()	(X)
SUPERELEVATION RATES:	()	()	(X)
HORIZONTAL CLEARANCE:	()	()	(X)
SPEED DESIGN:	()	()	(X)
VERTICAL CLEARANCE:	()	()	(X)
BRIDGE WIDTH:	()	()	(X)
BRIDGE STRUCTURAL CAPACITY:	()	()	(X)

Project Concept Report: Page 5
Project Number: CSBRG-0008-00(297)
P. I. Number: 0008297
County: Evans

- Design Variances: **None anticipated.**
- Environmental concerns: **Possible Section 404 permit. No hazardous waste sites, history or archaeological sites were noted at the project site.**
- Anticipated level of environmental analysis:
 - Are Time Savings Procedures appropriate? Yes (X), No (),
 - Categorical exclusion (X)
- Utility involvements: **Revised LGPA Agreement (11-16-06) Evans County To Do ROW and Utilities**
- Value Engineering Study Required: Yes () No (X)

Project responsibilities:

- Design – **District 5 Design Section**
- Right of Way Acquisition – **Evans Co.**
- Relocation of Utilities – **Evans Co.**
- Letting to contract – **G.D.O.T.**
- Supervision of construction - **G.D.O.T.**
- Providing material pits - **Contractor**
- Providing detours – **Evans County**

Coordination

- **Initial Project Concept Meeting held on November 14, 2007 with Minutes.**
- **No P. A. R. meetings were held.**
- **A Detour Meeting will be held to facilitate Public Involvement.**
- **Local government comments.**
- **Other projects in the area: None.**
- **No Other coordination to date.**

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process: 12 ~~7~~ Months. *will 12/12/07*
- Time to complete preliminary construction plans: 19 Months.
- Time to complete right of way plans: 6 Months.
- Time to complete the Section 404 Permit: 3 Months.
- Time to complete final construction plans: 19 Months.
- Time to complete to purchase right of way: 14 Months.
- List other major items that will affect the project schedule: **None**

Project Concept Report: Page 6
Project Number: CSBRG-0008-00(297)
P. I. Number: 0008297
County: Evans

Other alternates considered:

1. Build proposed bridge on new alignment east of the existing bridge with traffic maintained on existing bridge during construction.
2. Build proposed bridge on new alignment west of the existing bridge with traffic maintained on existing bridge during construction.
3. Build new bridge on the same alignment (tangent section) by using an on-site detour to maintain existing traffic during construction
4. No Build.

Comments:

Alternate (1) was eliminated because of unwarranted impacts to the environment, right-of-way, and prohibitive utility relocation and construction costs.

Alternate (2) was eliminated because of unwarranted impacts to the environment, right-of-way, and prohibitive utility relocation and construction costs.

Alternate (3) was eliminated due to the prohibitive construction cost of the on-site detour.

Alternate (4) was eliminated due to the safety concern of continuing to use a bridge that does not meet the minimum bridge width and load capacity requirement.

Attachments:

1. Preliminary Cost Estimate
2. Typical Section
3. Existing and Design Year Traffic
4. Minutes from November 14, 2007 Initial Concept Meeting
5. LGPA Agreement
6. Location and Design Approval
7. Bridge Inventory Data Listing
8. 2006 Structural Repairs

D. GRADING AND DRAINAGE:

1. EARTHWORK

Grading Complete
unclas excavation - \$15,000

2. DRAINAGE

a. CROSS DRAIN PIPES (exc. Box culverts) - \$0

b. CURB & GUTTER - If X \$12/lf \$0

c. LONGITUDINAL SYSTEM (incl. Catch Basins) - \$0

SUBTOTAL ===== \$15,000

E. BASE AND PAVING:

1. AGGREGATE BASE -300 SY / 6" GAB \$5,000

2. ASPHALT PAVING - SUPERPAVE

3. CONCRETE PAVING - Approach Slab \$3,000

4. OTHER (driveways, mill existing paving, etc.) - \$0

SUBTOTAL ===== \$8,000

F. LUMP SUM ITEMS:

1. EROSION CONTROL - \$2,000

2. CLEARING & GRUBBING - \$1,200

3. TRAFFIC CONTROL - COUNTY

4. LANDSCAPING - \$1,200

5. DETOURS (incl Temp. bridges) - COUNTY \$3,000

SUBTOTAL ===== \$7,400

G. MISCELLANEOUS:

1. LIGHTING - \$0

2. SIGNING & STRIPING - \$ 10,000/mi X 1.0 mi - \$3,000

3. GUARDRAIL - \$5,000

SUBTOTAL ===== \$8,000

ESTIMATE SUMMARY

A. RIGHTS-OF-WAY -----	COUNTY	\$5,000
B. REIMBURSABLE UTILITIES -----	COUNTY	\$10,000

CONSTRUCTION COST SUMMARY

C. MAJOR STRUCTURES -----	\$426,160
D. GRADING AND DRAINAGE -----	\$15,000
E. BASE AND PAVING -----	\$8,000
F. LUMP SUM ITEMS -----	\$7,400
G. MISCELLANEOUS -----	\$8,000

SUBTOTAL CONSTRUCTION COST -----	\$464,560
----------------------------------	-----------

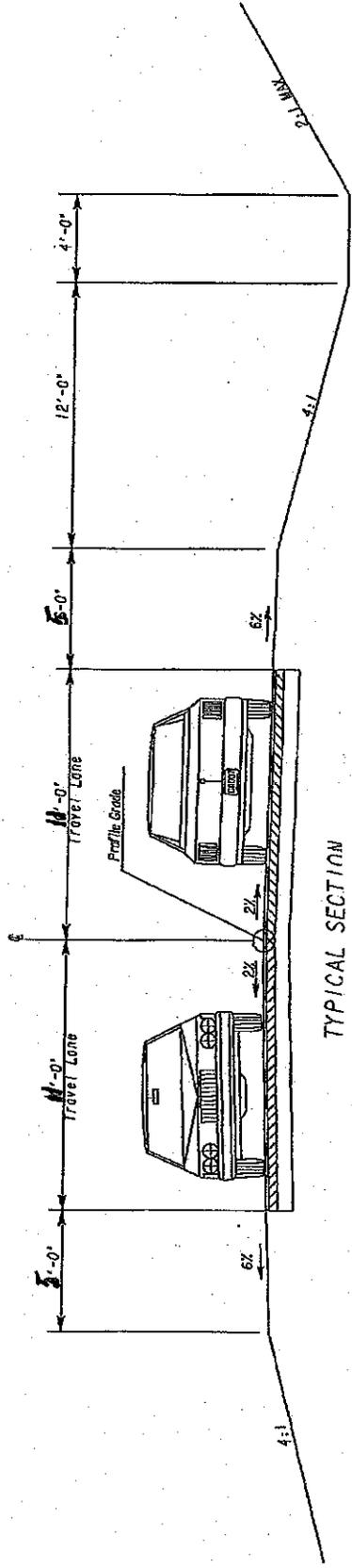
E & C (10%) -----	\$46,456
-------------------	----------

INFLATION (1 YRS @ 5% /YR) -----	\$23,228
----------------------------------	---------------------

TOTAL CONSTRUCTION COST =====	\$534,244
-------------------------------	----------------------

GRAND TOTAL PROJECT COST =====	\$549,244
--------------------------------	-----------

Handwritten notes:
~~\$23,228~~ → *5000* 12/10/07
~~\$534,244~~ → *511,000* 12/10/07



TYPICAL SECTION

Department of Transportation State of Georgia

INTERDEPARTMENT CORRESPONDENCE

FILE CSBRG-0008-00(297), Evans County **OFFICE** Environment/Location
P.I. # 0008297
DATE August 20, 2007

FROM Glenn Bowman, P.E., State Environmental/Location Engineer

TO Glenn W. Durrence, P.E., District Engineer, Jesup
Attn. Malik Al-Kush

SUBJECT Traffic Assignments for CR 77/David Tippins Rd. @ Bull Creek.

The estimated traffic assignments, for the above project, are attached:

CR 77/David Tippins Rd.

2007 AADT = 100

2013 AADT = 150

2033 AADT = 250

K = 10%

D = 50%

T = 0%

24 HOUR T = 16%

S.U. = 13.5%

COMB. = 2.5 %

If you have any questions concerning this information please contact
Shelley Nweke at (404) 699-4458.

GB/NSN

MINUTES OF THE INITIAL CONCEPT MEETING

The Initial Project Concept Meeting was held on November 14, 2007 in the Jesup - District 5 Assembly Room at 10:00 a.m. The description of the project was read, and the main headings from the Draft Project Concept Report were covered. During this time a sign-in-sheet was passed around for those in attendance.

Attendance:

Dennis Odom, District Design Engineer/ Jesup D.O.T. – Design
Travis Dent/ Design Squad Leader/ Jesup D.O.T - Design
Tshaka Malik Al-Kush, Civil Engineer Technologist/ Jesup D.O.T - Design
Maggie Yoder, Transportation Engineer Associate/ Jesup D.O.T - Design
Teresa Scott, District Planning & Programming Engineer/ Jesup D.O.T - Preconstruction
C.R. Jackson, P.E., Area Engineer/ Statesboro D.O.T - Construction
Mack Cravey, Local Government R/W Coordinator/ Jesup D.O.T – Right-of-Way
Stephen Thomas, Assistant District Utility Engineer/ Jesup D.O.T - Utilities
Jefferey Young, Survey Resident Engineer/ Jesup D.O.T – Location

The following comments were received from the Attendees:

1. Dennis Odom - Location Map labeled C.R.77 as Gus Strickland Road, however, this should be updated to Tippins Road.
2. Travis Dent - Preconstruction Status Report recommended bicycle facilities per US Title 23 Section 17-e, provided federal funds are spent. Teresa Scott and others concluded that this section of roadway was not a bicycle route and such facilities were not necessary.
3. Dennis Odom - Suggested that the project description/location include the necessary distance south of Daisy instead of Claxton. Use revised Need & Purpose Statement from General Office - Planning.
4. Dennis Odom – Recommended that this Initial Meeting serve as the Final Project Concept Meeting with no objections with all in agreement.
5. Teresa Scott - Bridge project was outside of Daisy city limits therefore, do not use the local designation of Ivey Avenue along C.R. 77 (Tippins Road).
6. Teresa Scott - Per conversation with Tony Collins (Former Preconstruction Engineer) the local government (County) would be responsible (understood agreement) for the offsite detour route. If the local government did not want to be responsible for such activities, then GDOT would not do the bridge replacement.

7. Malik Al-Kush – Possible Detour Route along C.R. 250 of 5 miles (max). Photos were passed around to show bridge and adjacent roads in project vicinity.
8. Teresa Scott – Functional classification was verified to be a Rural Local Road.
9. Teresa Scott – A Detour Meeting is required to facilitate public involvement.
10. Malik Al-Kush – Existing 100 ft. RW from field inspection. Will probably need more from both sides. Only a few parcels per quadrant, at max 8 – 10 parcels could be impacted.
11. C.R. Jackson – Any debris or structures adjacent and upstream (westside) of the bridge could be removed during construction activities and located by survey.
12. Dennis Odom – Categorical Exclusion (CE), omit FONSI and EIS from report.
13. C.R. Jackson – Identify all tributaries and buffers near the bridge and needed variances.
14. Stephen Thomas – It may be possible to build bridge from the “offside” and leave utilities in place. The utilities look to be on GDOT R/W, therefore possibly no cost to local government (County) for utility relocation.
15. C.R. Jackson – No maintenance and constructability issues.
16. Malik Al-Kush – Cost estimate from preconstruction status report. Will update.



Department of Transportation

HAROLD E. LINNENKOHL
COMMISSIONER
(404) 656-5206

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

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

BUDDY GRATTON, P.E.
DEPUTY COMMISSIONER
(404) 656-5212

EARL L. MAHFUZ
TREASURER
(404) 656-5224

January 17, 2007

The Honorable Jack Pinckard, Commission Chairman
Evans County Commission
3 Freeman Street
Claxton, Georgia 30417

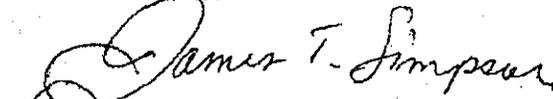
Dear Chairman Pinckard:

I am returning for your files an executed agreement between the Georgia Department of Transportation and Evans County for the following project:

PROJECT#:CSBRG-0008-00(297) Evans County, P.I.#0008297
PROJECT#:CSBRG-0008-00(298) Evans County, P.I.#0008298

We look forward to working with you on the successful completion of the joint project.
Should you have any questions, please contact the Project Manager Tony Collins at (912)427-5791

Sincerely,


James T. Simpson,
Financial Management Administrator

- District # 5
- Jesup
- Date: 1-19-07
- Diet. Engr.
- Personnel
- Contracts
- Diet. Est.
- Mtl's Test
- Constr.
- Progr. & R.I.
- Pre-Const.
- Local Gov./R.W.
- Design
- State Aid
- Right of Way
- E.E.O. & Tr.
- Employee Sty
- Traffic Sty
- Utilities
- Adm. Officer
- Purchasing
- Maintenance
- File Room

JTS:as

Enclosure

c: Bob Rogers
Glenn Durrence - District 5
Jeff Baker - Utilities

AGREEMENT
BETWEEN
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
AND
Evans County
FOR
TRANSPORTATION FACILITY IMPROVEMENTS

This AGREEMENT is made and entered into this 16th day of November, 2006, by and between the DEPARTMENT OF TRANSPORTATION, an agency of the State of Georgia, hereinafter called the "DEPARTMENT", and **Evans County** acting by and through its Chairman and Board of Commissioners, hereinafter called the "SPONSOR".

WHEREAS, the SPONSOR has represented to the DEPARTMENT a desire to improve the transportation facility described in **Exhibit A** attached and incorporated herein by reference and hereinafter referred to as the "PROJECT"; and

WHEREAS, the SPONSOR has represented to the DEPARTMENT a desire to participate in certain activities of the PROJECT as set forth in this AGREEMENT, and the DEPARTMENT has relied upon such representations; and

WHEREAS, the DEPARTMENT has expressed a willingness to participate in certain activities of the PROJECT as set forth in this AGREEMENT.

NOW THEREFORE, in consideration of the mutual promises made and of the benefits to flow from one to the other, the DEPARTMENT and the SPONSOR hereby agree each with the other as follows:

1. The SPONSOR shall contribute to the PROJECT by funding all or certain portions of the PROJECT costs for utility relocations and right of way acquisitions as specified in **Exhibit A** and further defined in this agreement.

2. The DEPARTMENT shall contribute to the PROJECT by funding all or certain portions of the PROJECT costs for Preliminary Engineering and Construction as specified in **Exhibit A**.

3. The SPONSOR shall be responsible for all costs for the continual maintenance and the continual operations of any and all sidewalks and the grass strip between the curb and gutter and the sidewalk within the PROJECT limits.

4. Upon the approval of the right of way plans by the DEPARTMENT, the necessary rights of way for the PROJECT shall be acquired by the SPONSOR. Right of way acquisition shall be in accordance with the law and the rules and regulations of the FHWA including, but not limited to, Title 23, United States Code; 23 CFR 710, et. seq., and 49 CFR Part 24, and the rules and regulations of the DEPARTMENT. Failure of the SPONSOR to follow these requirements may result in the loss of Federal funding for the PROJECT and it will be the responsibility of the SPONSOR to make up the loss of that funding. All required right of way

shall be obtained and cleared of obstructions, including underground storage tanks, prior to advertising the PROJECT for bids. Should the SPONSOR request that the right of way plans be modified, the DEPARTMENT shall evaluate the resulting change to the overall cost of the PROJECT and determine if the change should be made. If such change is approved by the DEPARTMENT, the SPONSOR shall fund any resulting increase in the overall PROJECT cost.

5. The SPONSOR shall contribute to the PROJECT by funding all of the PROJECT costs for utility relocations, which are deemed eligible by the DEPARTMENT for reimbursement. Eligible relocations would be those utilities holding a property interest in their present location. When deemed eligible, the relocation costs shall include any preliminary engineering, easement acquisition and construction activities that are necessary for the utility to accommodate the PROJECT. The SPONSOR shall also fund the relocations for any facility which it owns and for any other local government that is not relocating at its own expense. Upon determination of eligibility, the DEPARTMENT shall prepare a written agreement which specifies the terms and amounts of any contribution or repayments that will be made to the Utility or the DEPARTMENT by the SPONSOR. The Agreement shall be supported by plans, specifications and itemized cost estimates of the work agreed upon and shall be executed prior to advertising the PROJECT for letting.

6. The DEPARTMENT shall be responsible for all railroad relocation costs necessary for the construction of the PROJECT.

7. Upon completion and approval of the PROJECT plans, the SPONSOR shall certify to the DEPARTMENT that all needed rights of way have been obtained and cleared of obstructions, and certify that all needed permits for the PROJECT have been obtained. The

DEPARTMENT shall certify that all utilities located within the project's limits have been sufficiently detailed to provide a clear understanding of the work to be done to adequately accommodate the PROJECT. The DEPARTMENT shall also certify that all approvals have been completed for work to be done at the sole expense of the utility (i.e. Permits) or for work to be reimbursed (i.e. Agreements). After certification the PROJECT shall be let for construction. The DEPARTMENT shall be solely responsible for securing and awarding the construction contract for the PROJECT.

8. Both the SPONSOR and the DEPARTMENT hereby acknowledge that time is of the essence and both parties shall adhere to the priorities established in the approved Transportation Improvement Program/State Transportation Improvement Program (TIP/STIP) or earlier. Furthermore, all parties shall adhere to the detailed project schedule, as approved by the DEPARTMENT. In the completion of respective commitments contained herein, if a change in the schedule is needed, the DEPARTMENT shall have final authority. If, for any reason, the SPONSOR does not complete the activities defined in this agreement on schedule, the DEPARTMENT reserves the right to delay the project's implementation until funds can be re-identified for construction.

9. This AGREEMENT is made and entered into in FULTON COUNTY, Georgia, and shall be governed and construed under the laws of the State of Georgia. The covenants herein contained shall, except as otherwise provided, accrue to the benefit of and be binding upon the successors and assigns of the parties hereto.

IN WITNESS WHEREOF, the DEPARTMENT and the SPONSOR have caused these presents to be executed under seal by their duly authorized representatives.

RECOMMENDED:

[Signature]
District Engineer

[Signature]
Deputy Commissioner

David E. Studattel, Jr.
Chief Engineer

DEPARTMENT OF TRANSPORTATION

BY: [Signature]
Commissioner

ATTEST:

[Signature]
Treasurer

REVIEWED AS TO LEGAL FORM:

[Signature] 12-13-06
Office of Legal Services

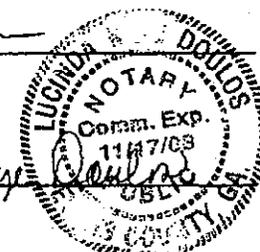
SPONSOR:

BY: [Signature]
Name: Chairman
Title

Signed, sealed and delivered this 17th
day of November, 2006, in the
presence of:

[Signature]
Witness

[Signature]
Notary Public



This Agreement approved by Evans
County at a meeting held at
Evans Co. Courthouse Annex
this 14th day of November, 2006.

[Signature]
City/County Clerk (as appropriate)

FEIN: 58-6000824

Exhibit A

Project	Description	Project Type	Responsible Party			
			Preliminary Engineering	R/W Acquisition	Utilities Relocation	Construction
CSBRG-0008-00(297) PI 0008297	CR 77/David Tippins Road @ Bull Creek	Replacement L110	100% GDOT	100% County	100% County	100% GDOT
CSBRG-0008-00(298) PI 0008298	CR 116/DeLoach Church Road @ Lotts Creek	Replacement L110	100% GDOT	100% County	100% County	100% GDOT

NOTICE OF LOCATION AND DESIGN APPROVAL

Project No. CSBRG-0008-00(297)

P. I. NUMBER 0008297

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 this project.

Date of Location Approval: FEBRUARY 22, 2008

Date of Environmental Approval: _____

The project consist of improvements of a structurally deficient, existing bridge located on CR 77 / Tippins Rd. over Bull Crk., located in Evans County, 1 mile south of the City Limits of Daisy, Georgia. The existing bridge has a substandard load capacity, and deck geometry. The existing bridge has a high priority for replacement with a sufficiency rating of 28.14.

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:

Claude Jackson
GDOT
Claude.Jackson@dot.state.ga.us
17213 Hwy 301 North
Statesboro GA 30458
Phone: 912-871-1103

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:

Brad Saxon
GDOT
Brad.Saxon@dot.state.ga.us
P.O. Box 610
Jesup GA 31598
Phone: 912-427-5715

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.

Bridge Inventory Data Listing
Georgia Department of Transportation.

Structure ID: 109-5009-0

Evans

SUFF. RATING: 28.14

Location & Geography		Signs & Attachments			
* Structure ID:	109-5009-0	* 104 Highway System:	0	225 Expansion Joint Type:	02
200 Bridge Information:	06	* 26 Functional Classification:	09	242 Deck Drains:	1
* 6A Feature Int:	BULL CREEK	* 204 Federal Route Type:	0 No. 00000	243 Parapet Location:	0.00
* 6B Critical Bridge:	0	105 Federal Lands Highway:	0	Height:	0.00
* 7A Route Number Carried:	CR00077	* 110 Truck Route:	0	Width:	0.00
* 7B Facility Carried:	CR 77 IVEY STREET	206 School Bus Route:	1	238 Curb Height:	1.0
* 9 Location:	5 MI E OF CLAXTON	217 Benchmark Elevation:	0000.00	Curb Material:	1
2 DOT District:	5	218 Datum:	0	239 Handrail:	2 2
207 Year Photo:	2007	* 19 Bypass Length:	03	* 240 Median Barrier Rail:	0
* 91 Inspection Frequency:	24 Date: 2/13/2007	* 20 Toll:	3	241 Bridge Median Height:	0.0
92A Fract Crit Insp Freq:	00 Date: 2/1/1901	* 21 Maintenance:	02	* Bridge Median Width:	0.0
92B Underwater Insp Freq:	60 Date: 3/21/2005	* 22 Owner:	02	230 Guardrail Loc. Dir. Rear:	6
92C Other Spc. Insp Freq:	00 Date: 2/1/1901	* 31 Design Load:	2	Fwd:	6
* 4 Place Code:	00000	37 Historical Significance:	5	Oppo. Dir. Rear:	0
* 5 Inventory Route (O/U):	1	205 Congressional District:	12	Oppo. Fwd:	0
Type:	4	27 Year Reconstructed:	1955	244 Approach Slab:	0
Designation:	1	106 Year Reconstructed:	0000	224 Retaining Wall:	0
Number:	00077	33 Bridge Median:	0	233 Posted Speed Limit:	55
Direction:	0	34 Skew:	00	236 Warning Sign:	0
* 16 Latitude:	32 - 08.1440 HMMS Prefix:	35 Structure Flared:	0	234 Delineator:	1
* 17 Longitude:	81 - 49.4540 HMMS Suffix: MP:0.00	38 Navigation Control:	0	235 Hazzard Boards:	1
98 Border Bridge:	000 % Shared: 00	213 Special Steel Design:	0	237 Utilities - Gas:	00
99 ID Number:	0000000000000000	267 Type of Paint:	1	Water:	00
* 100 STRAHNET:	0	* 42 Type of Service on:	1	Electric:	00
12 Base Highway Network:	1	Type of Service under:	5	Telephone:	00
13A LRS Inventory Route:	1092007700	214 Movable Bridge:	0	Sewer:	00
13B Sub Inventory Route:	0	203 Type Bridge:	C K M O	247 Lighting - Street:	0
101 Parallel Structure:	N	259 Pile Encasement:	3	Navigation:	0
* 102 Direction of Traffic:	2	* 43 Structure Type Main:	3 02	Aerial:	0
* 264 Road Inventory Mile Post:	001.92	45 No. Spans Main:	012	* 248 County Continuity No.:	00
* 208 Inspection Area:	05 Initials: EEP	44 Structure Type Appr:	0 00		
Engineer's Initial:	sgm	46 No. Spans Appr:	0000		
		226 Bridge Curve Horz:	0 Vert: 0		
		111 Pier Protection:	0		
		107 Deck Structure Type:	1		
* Location I.D. No.:	109-00077X-001.92N	108 Wearing Surface Type:	1		
		Membrane Type:	8		
		Deck Protection:	8		



Department of Transportation

HAROLD E. LINNENKOHL
COMMISSIONER
(404) 856-8208

DAVID E. STUDBILL, JR. P.E.
CHIEF ENGINEER
(404) 856-8277

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

LARRY E. BENT
DEPUTY COMMISSIONER
(404) 856-8206

EARL L. MAHFUZ
TREASURER
District # (404) 856-8224

June 20, 2006

Honorable Jack Pinckard, Chairman
Evans County Board of Commissioners
3 Freeman Street
Claxton, GA 30417

SUBJECT: Structure ID 109-5009-0 / Location ID 109-0077X-1.92N
County Road 77 Gate Topping Road Over Bull Creek

Structure ID 109-5011-0 / Location ID 109-00116X-1.77E
County Road 116 DeLoach Church Road Over Lotts Creek

Dear Chairman Pinckard:

The Georgia Department of Transportation (GDOT) will assist the County in making structural repairs to the above-referenced bridge structure(s). In assisting the County, the Department will provide a crane, a crane operator, and his assistant.

The County shall provide a foreman and adequate crew to successfully complete the work in a reasonable time period. The foreman should have the authority to provide equipment and supplies upon request.

It will be the County's responsibility to order and have available the materials contained in the County Contract and the materials listed in this letter before any work shall begin.

Equipment the County shall have on hand for this work includes:

- Air compressor and air drill with 1 1/4-inch star bit for drilling holes in the concrete deck to allow pile driving
- Acetylene cutting torch
- Chain saw
- Ladder (if needed)
- Reinforcing steel wire twister
- Concrete finishing tools
- Power generator
- Miscellaneous tools i.e. shovels; hammers; crowbars; skill saw; drill and drill bits, as required
- Small concrete mixer or box for hand mixing concrete for deck patches

- Date: 7-19-04
- Dist. Engr.
 - Personnel
 - Contracts GJC
 - Mat. Est.
 - Mat's Test
 - Const.
 - Progr. & P.I.
 - Pre-Const. ALC 7/19
 - Local Gov./R.W.
 - Design
 - State Aid
 - Right of Way
 - E.E.O. & Tr.
 - Employee Sfy
 - Traffic Sfy
 - Utilities
 - Adm. Officer
 - Purchasing
 - Maintenance
 - File Room

09/21/2006 13:44 9124275763

DEPT OF TRANSP

PAGE 03/11

Honorable Jack Pinckard

June 20, 2006

Page 2

The County shall be required to provide the following materials:

36- 3/4 inch diameter x 6-inch long galvanized lag bolts with one washer for each bolt
Reinforcement steel tie wire
28 gauge building flashing 18 inches to 20 inches wide
Galvanized nails for flashing
Assortment of framing nails
12-inch x 12-inch steel bearing plates from 1/4-inch to 1 1/2-inch thick to be used as shims if needed
Timber materials for scaffolding if required

Certain materials for this structure will be covered by a County Contract with the Department. It shall be the County's responsibility to order and have available the materials contained in the signed County Contract and the materials listed in this letter before work commences. Please contact Brad Young (404-363-7560) in the Office of Materials and Research for information about the GDOT Qualified Products List or access the following address on the Internet:

<http://www.dot.state.ga.us/homeoffice/www/media/docs/docs.html>

The GDOT crane will drive the ~~new~~ timber piles and position the ~~new~~ steel ~~on~~ above piles to form the needed ~~straddle~~ ~~straddle~~ ~~straddle~~. Twelve-inch diameter timber piles shall be driven to a minimum 20-ton bearing with a maximum 24-ton bearing. The County shall be responsible for the manual labor needed to complete the work.

Attached are the helper bent, straddle bent, and sway bracing details for this structure. The following sections of the GDOT Standard Specifications, Current Edition, are referenced for your use:

Section 500 - Concrete Structures
Section 511 - Reinforcement Steel
Section 520 - Piling
Section 855 - Steel Pile
Section 860 - Lumber and Timber
Section 861 - Piling and Round Timber
Section 863 - Preservative Treatment of Timber Products
Section 886 - Epoxy Resin Adhesives

Please contact Ben Rabun (404-635-8179) for technical matters and Mr. Terry Gable (404-656-5185) for contract matters. When the listed materials are on hand, contact Greg Wiggins (404-363-7633) to schedule the crane and operator. It is imperative that the GDOT be kept apprised of the materials delivery date.

After these substructure repairs are completed, please contact ~~Ben Rabun at (404) 635-8179 to schedule~~

If you have any questions, please contact Kerry Wood at (404) 635-8589.

Sincerely,


David Crim
State Maintenance Engineer

Enclosures Straddle/Helper Bent Details, Pile Replacement Plan, Bridge Location Map
DC:res

FROM :EVANS COUNTY COMMISSIONERS

FAX NO. :912-739-0111

Jul. 23 2007 02:52PM P4

09/21/2006 13:44 9124275763

DEPT OF TRANSP

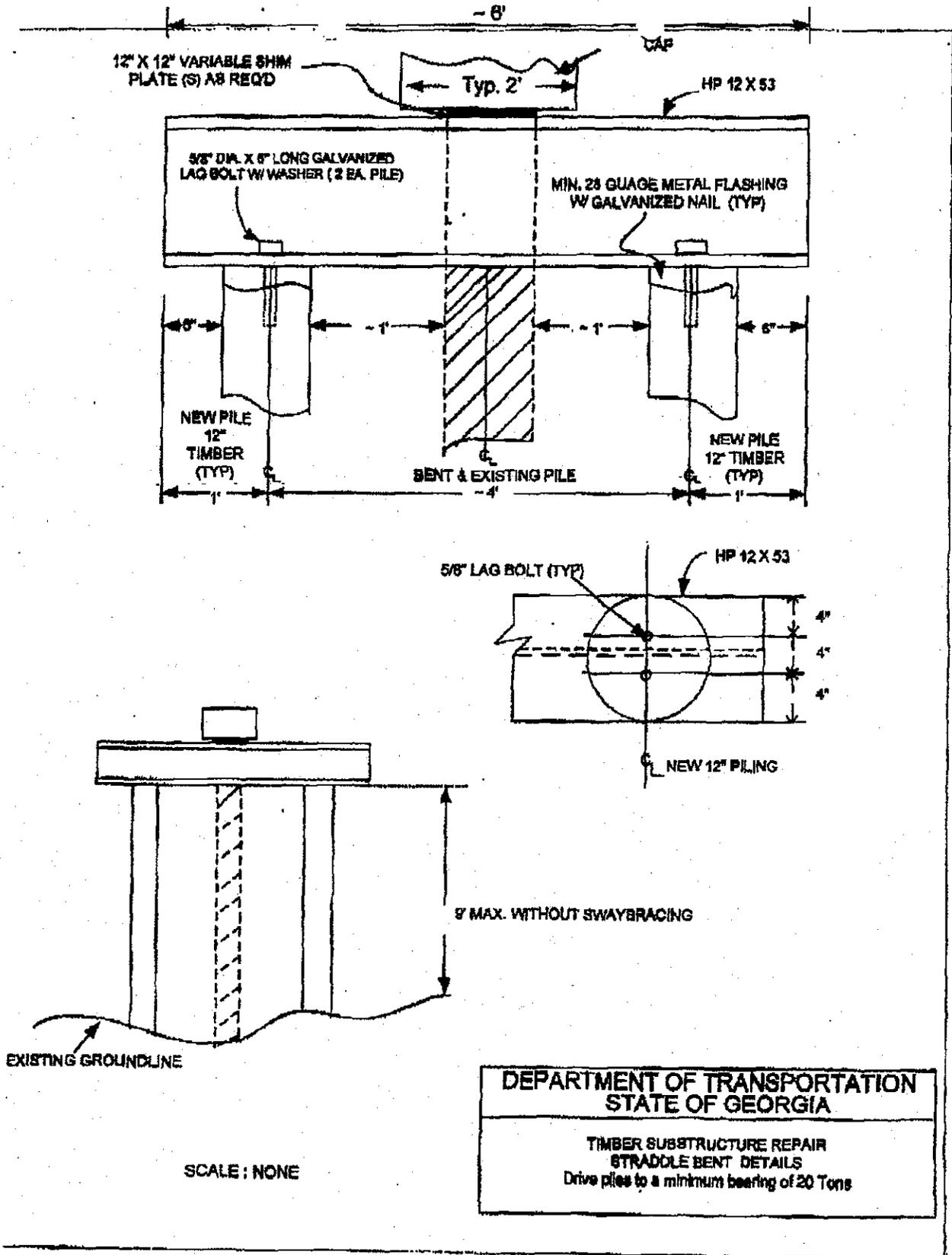
PAGE 04/11

Honorable Jack Pinckard

June 20, 2006

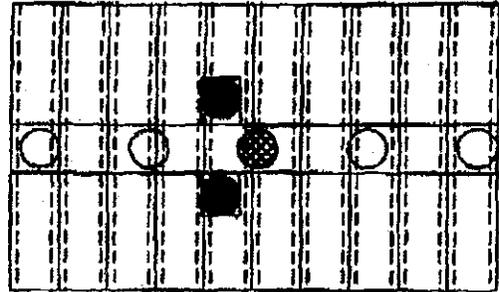
Page 3

Cc: Glenn W. Durrence, District Engineer, District 5, Jesup
Claude R. Jackson, Area Engineer, District 5, Area 6, Statesboro
Terry Gable, State Aid
Norman "Greg" Wiggins, State Maintenance Activities Engineer
Gene Palmer, Bridge Inspector
Ron Sprayberry, Regional Bridge Inspection Engineer
InfoImage
Reading File

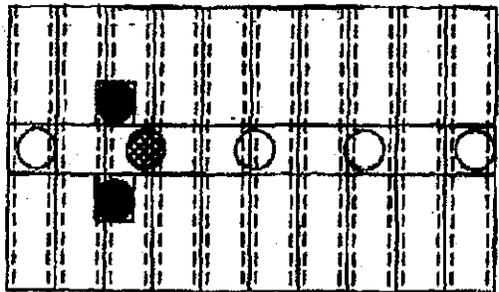


Plan View

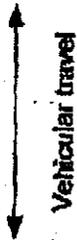
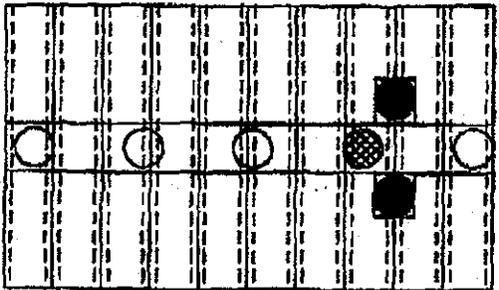
Bent 11



Bent 6



Bent 2



Straddle Bent



Existing pile



Pile to be replaced



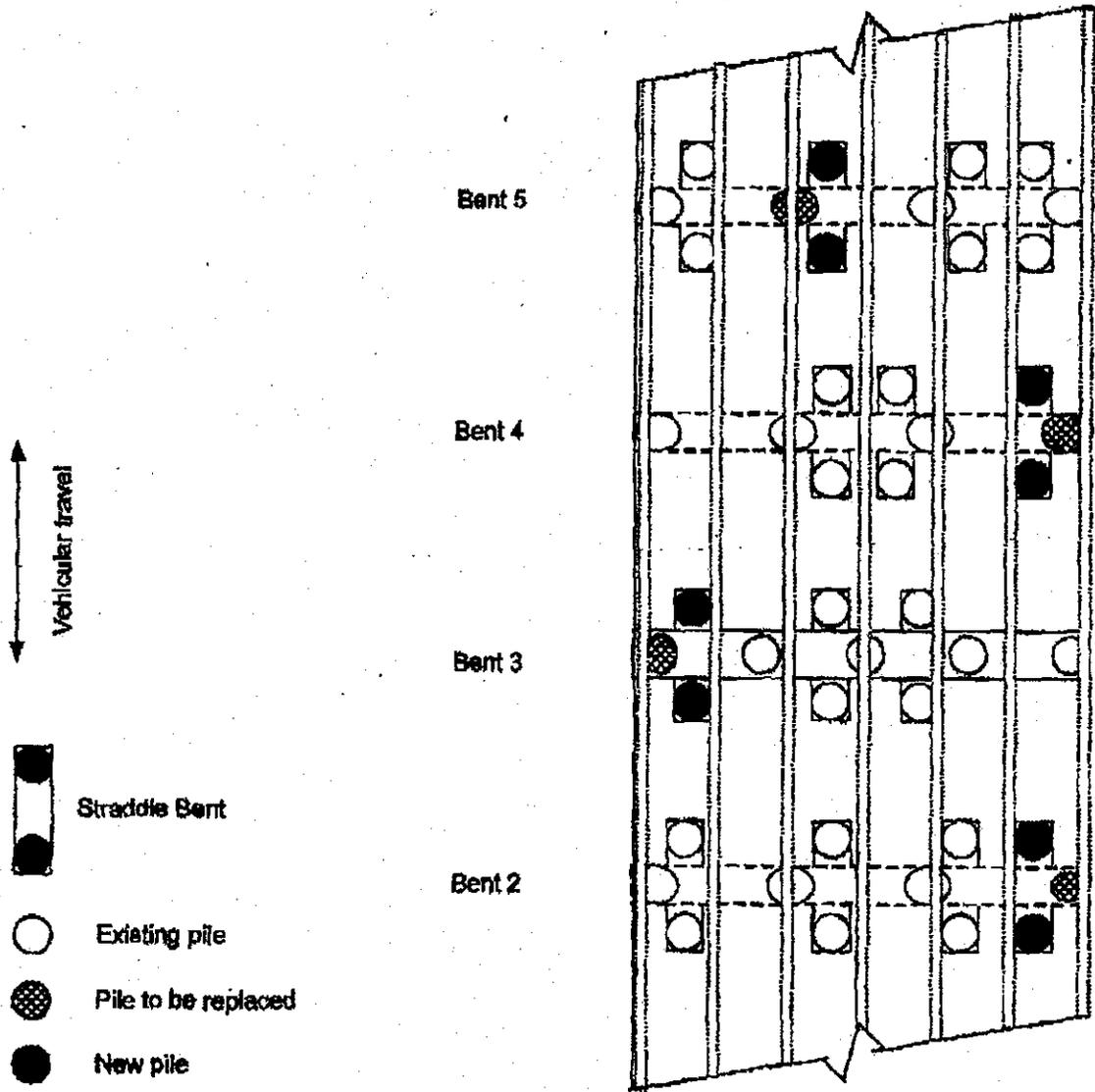
New pile

Notes:

1. Specific locations of ~~straddle bents~~ may be varied slightly to accommodate local conditions, for example, to locate straddle bent in the center of precast panels, etc. In all cases, however, repair pile and straddle bent locations must be as close as practical to the piles being replaced.
2. Drawing not to scale.

Evans County
 100-00116X-001.77E
 109-5011-0
 County Route 116
 over
 Bull Creek
 Pile Replacement Plan
 Page 1

Plan View

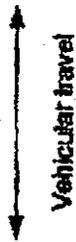


Notes:

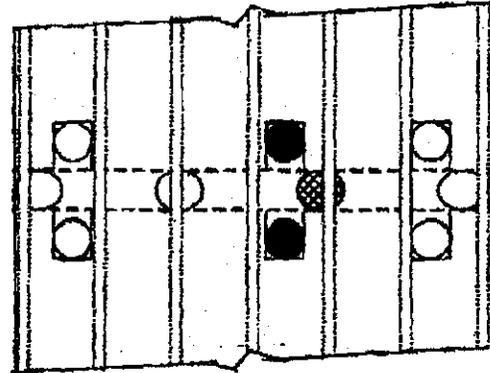
1. Specific locations of repair piles, straddle bents, and away bracing may be varied slightly to accommodate local conditions. In all cases, however, repair pile and straddle bent locations must be as close as practical to the piles being replaced.
2. Drawing not to scale.

Evans County
 109-00077X-001.92N
 109-5009-0
 County Route 77
 over
 Bull Creek
 Pile Replacement Plan
 Page 1

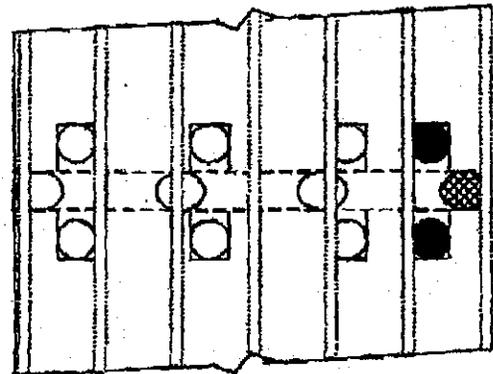
Plan View



Bent 11



Bent 9



Straddle Bent



Existing pile



Pile to be replaced

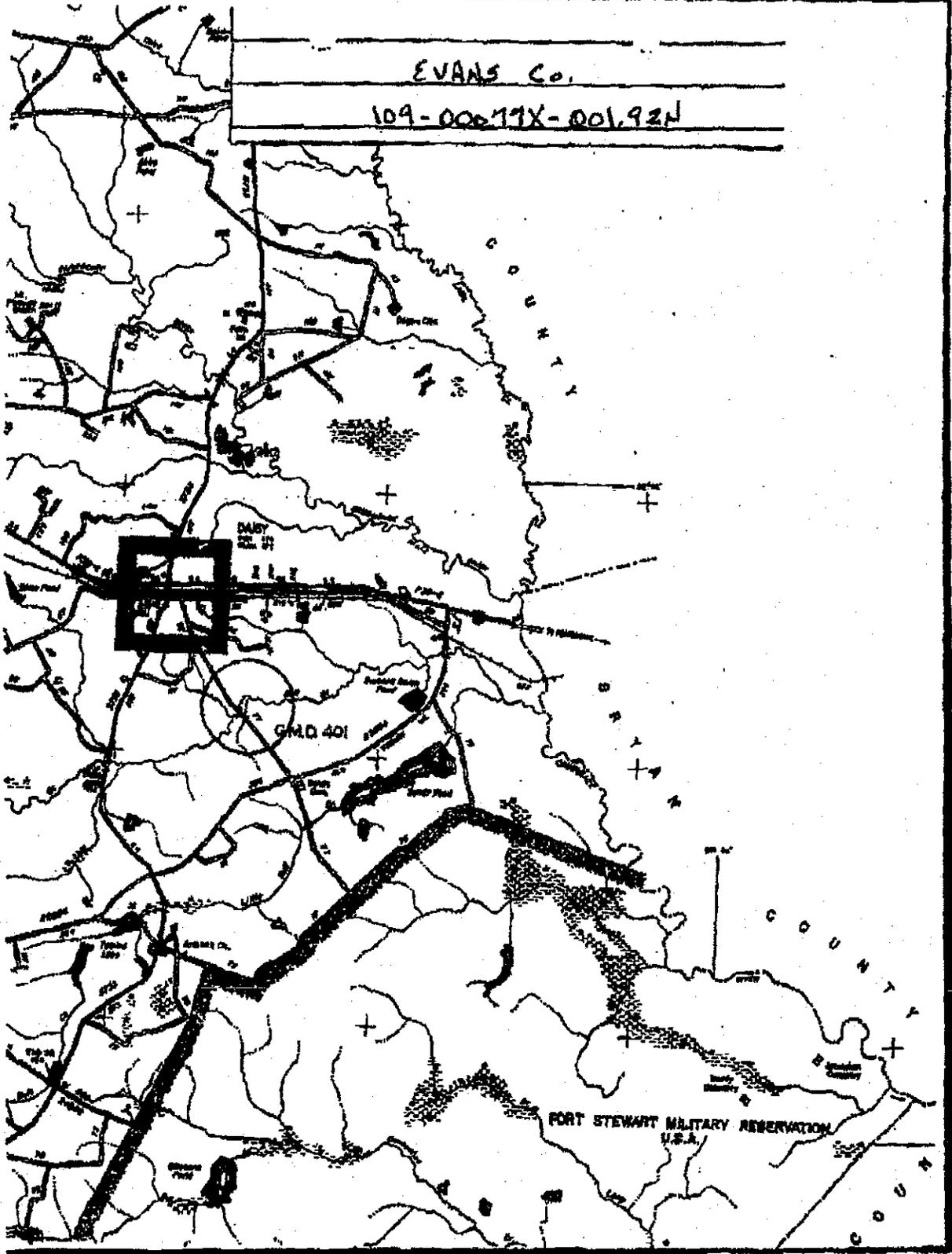


New pile

Notes:

1. Specific locations of repair piles, straddle bents, and away bracing may be varied slightly to accommodate local conditions. In all cases, however, repair pile and straddle bent locations must be as close as practical to the piles being replaced.
2. Drawing not to scale.

Evans County
109-00077X-001.92N
109-5009-0
County Route 77
over
Bull Creek
Pile Replacement Plan
Page 2



FROM : EVANS COUNTY COMMISSIONERS
09/21/2006 13:44 9124275763

FAX NO. : 912-739-0111

Jul. 23 2007 02:53PM P18

DEPT OF TRANSP

PAGE 18/11

EVANS Co.
109-00116X-001.77E

