

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-052-1(12) Walton County
P. I. No. 132980

OFFICE Preconstruction

DATE February 5, 2004

FROM *for* Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

MBP/cj

Attachment

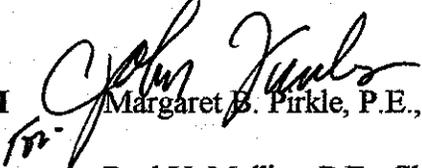
DISTRIBUTION:

David Mulling
Harvey Keeper
Jerry Hobbs
Percy Middlebrooks
Michael Henry
Phillip Allen
Joe Palladi (file copy)
Paul Liles
Brent Story
Todd Long
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-052-1(12) Walton County **OFFICE** Preconstruction
P.I. No. 132980 **DATE** January 22, 2004

FROM  Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

TO Paul V. Mullins, P.E., Chief Engineer

SUBJECT PROJECT CONCEPT REPORT

This project is the replacement of a structurally deficient bridge on SR 11 over CSX Railroad in south Social Circle in Walton County. The existing bridge, constructed in 1954 is load limited with a sufficiency rating of 54. The original design load capacity is H-15. In accordance with DOT MOG 2405-1, the existing bridge meets the established criteria for replacement. State Route 11 at this location is a rural two lane roadway with curb and gutter and 5' sidewalks. This section of SR 11 is functionally classified as a rural minor arterial. Traffic is projected to be 9,500 VPD and 17,000 VPD in the years 2005 and 2025 respectively. The posted speed and the design speed are 30 MPH.

The construction proposes to construct a new 160' x 44' concrete bridge over CSX Railroad at the existing bridge site. The approaches will consist of two, 12' lanes with curb and gutter and 6' sidewalks. The construction will be staged with one lane maintained (with temporary signal) on the existing bridge while a portion of the new bridge is built. Traffic will then be redirected onto part of the new bridge while the old bridge is removed and the remaining new bridge is constructed.

Environmental concerns include requiring a COE 404 Permit; a Categorical Exclusion will be prepared; a public hearing is not required; time saving procedures are appropriate.

This project will require split funding because the sufficiency rating exceeds 50. "BR" funding will cover the amount equal to the widening and the remainder will consist of "STP" funding.

BRST-052-1(12) Walton
January 22, 2004

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG DATE</u>	<u>LET DATE</u>
Construction (includes E&C and inflation)	BR \$893,000 STP \$944,000	BR \$893,000 STP \$944,000	2008	2008
Right-of-Way	\$ 20,000	\$ 20,000		
Utilities*	LGPA	LGPA		

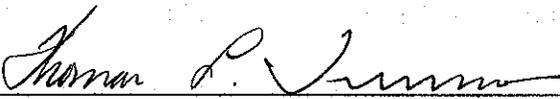
*Social Circle signed LGPA for utilities 10-10-99.

I recommend this project concept be approved.

MBP:JDQ/cj

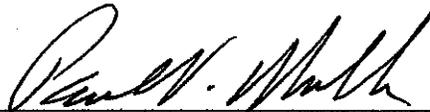
Attachment

CONCUR



Thomas L. Turner, P.E., Director of Preconstruction

APPROVE



Paul V. Mullins, P.E., Chief Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE: BRST-052-1(12) Walton
P.I. No.: 132980
S.R. 11 @ CSX Railroad

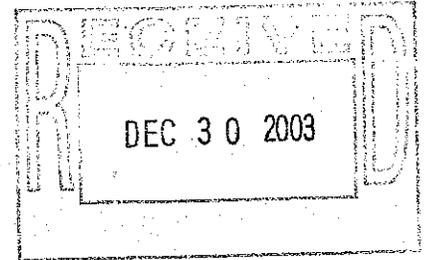
OFFICE: Engineering Services

DATE: December 29, 2003

FROM: David Mulling, Project Review Engineer *REW*

TO: Meg Pirkle, Assistant Director of Preconstruction

SUBJECT: CONCEPT REPORT



We have reviewed the Concept Report submitted December 29, 2003 by the letter from Brent Story, dated December 22, 2003, and have the following comments.

- Estimated Reimbursable Utility Costs should be provided for informational purposes.
- The status of the LGPA should be noted in the Concept Report.

The costs for the project are:

	Bridge Replacement	Bridge Widening
Construction	\$1,373,590	\$667,600
Inflation	\$296,017	\$143,872
E&C	\$166,961	\$81,147
Reimbursable Utilities	Not shown	Not shown
Right of Way	\$20,000	\$0.00

NOTE: This project will require split funding since the bridge has a sufficiency rating above 50 and is to be replaced. The BR funding is the amount equal to the Bridge Widening costs. Other costs will have to come from other funding sources.

REW

c: Brent Story, Attn.: Ted Cashin

SCORING RESULTS AS PER MOG 2440-2

Project Number: BRST-052-1(12)		County: Walton		PI No.: 132980	
Report Date: December 22, 2003			Concept By: DOT Office: Consultant Design		
<input checked="" type="checkbox"/> Concept Stage			Consultant: URS Corporation		
Project Type: Choose One From Each Column		<input type="checkbox"/> Major <input checked="" type="checkbox"/> Minor	<input type="checkbox"/> Urban <input checked="" type="checkbox"/> Rural	<input type="checkbox"/> ATMS <input checked="" type="checkbox"/> Bridge Replacement <input type="checkbox"/> Building <input type="checkbox"/> Interchange Reconstruction <input type="checkbox"/> Intersection Improvement <input type="checkbox"/> Interstate <input type="checkbox"/> New Location <input type="checkbox"/> Widening & Reconstruction <input type="checkbox"/> Miscellaneous	
FOCUS AREAS		SCORE		RESULTS	
Presentation		90		Estimated Reimbursable Utility Costs were not provided.	
Judgement		100			
Environmental		100			
Right of Way		100			
Utility		100			
Constructability		100			
Schedule		100			

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

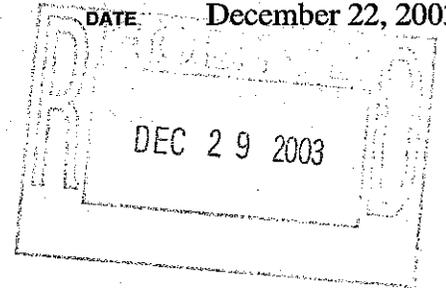
FILE **BRST-052-1(12) Walton County**
SR 11 over CSX Transportation, Inc. in South Social Circle
P.I. No. 132980-

OFFICE Atlanta

FROM  Brent A. Story, State Consultant Design Engineer

DATE December 22, 2003

TO Margaret B. Pirkle, Assistant Director of Preconstruction



SUBJECT **PROJECT CONCEPT REPORT**

Attached is the original copy of the Concept Report for your further handling for approval in accordance with the Plan Development Process (PDP).

Those on the distribution list below should review the Concept Report and send comments and/or the signature page to the Preconstruction Office within 10 days as per the PDP.

Note: Because the sufficiency of this bridge is over 50, this project must be split-funded with \$878,230 in BR funding and \$978,340 in other funding.

If you have any questions or require further information please call (404)463-6135 or Kevin Hosey of URS Corporation at (678) 808-8800.

Distribution:

David Mulling, Project Review Engineer
Harvey Keepler, State Environmental/Location Engineer
Phillip Allen, State Traffic Safety and Design Engineer
Joe Palladi, State Transportation Planning Administrator
Percy Middlebrooks, Office of Financial Management Administrator
Todd Long, District Engineer – Gainesville
Paul Liles, State Bridge & Structural Engineer

BAS:MAH:EJC

cc: URS Corporation

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

SR 11 OVER CSX RAILROAD IN SOUTH SOCIAL CIRCLE

Project Number: BRST-052-1(12)

P.I. NO. 132980

County: WALTON

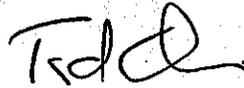
FEDERAL ROUTE NO:

STATE ROUTE NO: 11

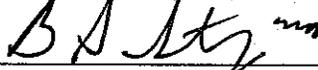
Prepared by:

DATE 12-22-03

DATE 12-22-03



Project Manager



State Consultant Design Engineer

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

DATE

State Transportation Planning Administrator

DATE

Financial Management Administrator

DATE

State Environmental / Location Engineer

DATE

Project Review Engineer

DATE

State Traffic Safety and Design Engineer

DATE

State Bridge & Structural Design Engineer

DATE

District Engineer

Need and Purpose: *See attached Need and Purpose Statement.*

Description of the proposed project: The proposed project is comprised of replacing the existing bridge over CSX Railroad on SR 11 with a single two-lane bridge. The existing bridge has a current structural rating of 54.22, and is functionally obsolete due to bridge width and design load. The Office of Bridge Maintenance has requested its replacement (see attached letter). The length of the project is approximately 0.23 miles. The new bridge will be approximately 160 feet in length with 44 feet of clear width (per MOG 4265-10). One lane of SR 11 will be closed during staged construction of the new bridge while one lane will remain open controlled by temporary signals on either end of the bridge.

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

PDP Classification: Major , or Minor

Federal Oversight: Full Oversight , Exempt , State Funded , or Other

Functional Classification: Rural Minor Arterial

U. S. Route Number(s): N/A **State Route Number(s):** 11 **County Route Number(s):** N/A

Traffic (AADT): Base Year: (2006) 9500 Design Year: (2026) 17000

Existing design features:

- Typical Section: 2 lane asphalt (24 width) with 30" curb and gutter, 5 ft sidewalks
- Posted speed: 30 mph
- Maximum radius: 695 ft
- Maximum grade: 7.0%
- Width of right of way: 60 ft
- Major structures: ID 297-0015-0, L=151 ft, W=35.3 ft, SR=54.22
- Existing length of roadway segment: .23 mi

Proposed Design Features:

- Proposed typical section: 2 lane asphalt (24 width) with 30" curb and gutter, 6 ft sidewalks
- Proposed Design Speed Mainline: 30 mph
- Proposed Maximum grade Mainline: 7.0%
- Maximum grade allowable: 9 %
- Proposed Maximum grade Side Street: 11%
- Maximum grade allowable Side Street: 11%
- Proposed Maximum grade driveway: 15%
- Proposed Maximum radius of curve: 600 ft
- Maximum radius allowable: 300 ft

Right of way

- o Width: 60 ft.
- o Easements: Temporary , Permanent , Utility , Other .
- o Type of access control: Full , Partial , By Permit , Other .
- o Number of parcels: 5 Number of displacements:
 - o Business: 1 possible
 - o Residences: 0
 - o Mobile homes: 0
 - o Other: 0

Structures:

- o Bridges – New bridge over CSX Railroad, approximately 160 ft in length with 44 ft clear span, 6 ft sidewalks on either side.
- o Retaining walls: None, unless required to minimize environmental impacts

- Traffic control during construction: Close one lane of SR 11, one way directional traffic control by signals on either end of the bridge.

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 SIGHT 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 expected
- Environmental concerns: Social Circle Historic District
- Level of environmental analysis:
 - o Are Time Savings Procedures appropriate? Yes , No .
 - o Categorical exclusion anticipated .
 - o Environmental Assessment/Finding of No Significant Impact (FONSI) , or
 - o Environmental Impact Statement (EIS) .
- Utility involvements: power lines, gas(under bridge), water(under bridge)

Project responsibilities:

- o Design, GDOT.
- o Right of way acquisition, GDOT.
- o Relocation of utilities, Walton County.
- o Letting to contract, GDOT.
- o Supervision of construction, GDOT.
- o Providing material pits, contractor.
- o Providing detour, Walton County.

Coordination

- Concept meeting date and brief summary: Concept meeting held August 20, 2003 (see attached).
- P. A. R. meetings, dates and results: Not required
- FEMA, USCG, and/or TVA *None anticipated*
- Public involvement. *None anticipated*
- Local government comments: *None at this time*
- Other projects in the area: *None*

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process: 9 Months.
- Time to complete preliminary construction plans: 4 Months.
- Time to complete right of way plans: 2 Months.
- Time to complete the Section 404 Permit: 6 Months.
- Time to complete final construction plans: 4 Months.
- Time to purchase right of way: 6 Months.
- List other major items that will affect the project schedule:
 - Coordination with CSX railroad – 12 months

Alternates considered:

1. Close one lane of SR 11 and construct new bridge on location under staged construction.
2. Close SR 11 and provide off site detour route, replace bridge on existing location.
3. Construct temporary bridge on west side of SR 11, replace bridge on existing location.
4. No Build.

Comparison Summary of Concepts 1 - 4

Alternative (1) is the preferred alternate because it minimizes impacts to adjacent properties while spanning the existing railroad, staging the bridge construction will reduce community impacts. Alternative (2) was discounted because of negative impacts of closing SR 11 to through traffic, GDOT District Office and local government officials oppose this alternative. Alternative (3) was discounted due to impacts to adjacent properties in a historic district, and to increased project cost. Alternative (4) was discounted because it does not satisfy the need and purpose of the project.

Comments:

The existing bridge has a sufficiency rating exceeding 50, so the BRST funds for this project will only apply to the amount required to widen the bridges to the current standards. For this site the construction cost for widening the bridge would be \$878,230. The remaining construction cost to replace the bridges as proposed will need to be programmed from another funding source. This amount of the additional funding will be \$978,340. Cost estimates detailing the amounts are attached.

Attachments:

1. Need and Purpose
2. Cost Estimate
3. Typical sections
4. Bridge inventory
5. Bridge Maintenance letter requesting replacement
6. Minutes of Concept meeting
7. Location and Design Notice
8. Traffic counts
9. Cover sheet

NEED AND PURPOSE
PROJECT: BRST-052-1(12), WALTON COUNTY
PI No. 132980
BRIDGE REPLACEMENT

Background

The proposed project will replace the structurally deficient bridge on SR 11 across the CSX Railroad in Social Circle, Georgia. The bridge was built in 1954 and consists of concrete bents, steel beam structure, and a concrete deck. The existing bridge length is 151 ft x 23.70 ft.

The Department's Policy for bridge replacement, Policy #2405-1, requires that if a bridge receives a Sufficiency Rating less than 50 that the bridge be replaced. The sufficiency rating on the bridge in question is 54.22; however, this structure still meets GDOT criteria for replacement under the provision that all bridges originally designed for H-15 loading be replaced.

Logical Termini

The proposed bridge project will tie into the existing roadway and will not require any additional roadway work. There are no other projects in the vicinity. Thus, the bridge project is a stand alone project with independent utility and logical termini.

The proposed project length is 0.23 miles.

Facility Overview and Operational Characteristics

SR 11 at the CSX Railroad Crossing sits at the heart of Social Circle, Georgia. This section of State Route 11 is neither a state or local bicycle route. The roadway does serve as a school bus route.

SR 11 at this section of roadway is functionally classified as a rural minor arterial with estimated truck traffic of 15%. Annual daily traffic along this route in 2002 was 7800. The 2008 and 2028 traffic is projected at 9,046 and 14,770 respectively.

Accident Data

Accident data at the bridge is not available; however, accident data is available for the section of roadway one-half mile north and south of the structure. These records indicate that in 1995 there were 16 accidents with 7 injuries and 0 fatalities. In 1996 there were 22 accidents recorded with 6 injuries and 0 fatalities. In 1997 there were 10 accidents recorded with 4 injuries and 0 fatalities. In 2001 there were 17 accidents recorded with 4 injuries and 0 fatalities. The following chart lists comparable statewide averages:

	1995	1996	1997	2001
Total Accidents	16	22	10	17
Accidents Per 100 MVMT	655	818	371	556
Statewide Accidents Per 100 MVMT	200	121	125	186
Accident % Higher/Lower Than Statewide Average	+328%	+676%	+297%	+299%

Accident rates along this roadway are significantly higher than statewide averages along similarly classified facilities. Almost all incidents along this facility involve collisions with other motor vehicles. District One personnel indicate that these high rates may be attributed to the bridge's narrow width, angled positioning, and site distance complications.

The project proposes to reduce the existing number of motor vehicle collisions by improving the bridge structure to meet current design standards. This will involve improving the vertical alignment and installing full shoulders among other improvements. Such modifications should address the above mentioned deficiencies.

Community Characteristics

Within one-half mile north-south and east-west radius of the proposed site there are two census block groups. Within this area there is a total population of 1,560. Of this number 24% are Black. Also 22% of the population for which income is recorded has an annual income less than \$20,000.

Need and Purpose

Replacing the bridge on SR 11 over the CSX Railroad will bring it up to current AASHTO geometric design standards. The purpose of the proposed improvement is to provide better mobility through this section of SR 11 and an overall safer driving environment for thru and local traffic. The above defined improvement is necessary and recommended to enhance the operating serviceability and provide a bridge that would adequately and safely serve current and future travel demand on this portion of State Route 11.

PRELIMINARY COST ESTIMATE: Preferred Alternate –Staged 160’ Bridge

PREPARED BY: Sean H. Pharr

PROJECT LENGTH: 0.23 miles

ESTIMATED LETTING DATE: FY08

PROGRAMMING PROCESS CONCEPT DEVELOPMENT DURING PROJECT DEV.

PROJECT COST –Staged 160’ Bridge	
A. RIGHT-OF-WAY:	
1. PROPERTY (LAND & EASEMENT)	\$ 20,000.00
2. DISPLACEMENTS: RES: 0, BUS: 0, M.H.: 0	\$ 0.00
3. OTHER COST (ADM./COST, INFLATION)	\$ 0.00
SUBTOTAL:A	\$ 20,000.00
B. REIMBURSABLE UTILITIES:	
1. RAILROAD	\$ 0.00
2. TRANSMISSION LINES	\$ 0.00
3. SERVICES	\$ 0.00
SUBTOTAL:B	\$ 0.00
C. CONSTRUCTION:	
1. MAJOR STRUCTURES Bridges (160' x 47.25' @ \$100/sf)	\$ 756,000.00
a. TEMP BRIDGE	\$ 0.00
b. RETAINING WALLS	\$ 0.00
SUBTOTAL:C-1	\$ 756,000.00
2. GRADING AND DRAINAGE:	
a. EARTHWORK 360 CY excav. ; 3,545 CY embank @\$2.5/CY	\$ 9,763.00
b. DRAINAGE:	
1) Curb and Gutter (2530' @ \$9.60/ft)	\$ 24,288.00
2) Longitudinal System	
Catch Basins (6 @ \$2000/basin)	\$ 12,000.00
Drop Inlets (1 @ \$2000/inlet)	\$ 2,000.00
Flared End Section (2 @ \$495/FES)	\$ 990.00
Safety End Section (0 @ \$400/SES)	\$ 0.00
MH (0 @ \$2014/MH)	\$ 0.00
18 inch pipe (500 ft @ \$22.12/ft)	\$ 11,060.00
SUBTOTAL:C-2	\$ 60,101.00

PROJECT COST – Staged 160' Bridge

3. BASE AND PAVING:		
a. AGGREGATE BASE (3177 tons @ \$20/ton)		\$ 63,540.00
b. ASPHALT PAVING:		
Milling (650 yd ² @ \$4.00/ yd ²)	\$ 2,600.00	
Surface (457 tons @ \$40/ton)	\$ 18,280.00	
Binder (609 tons @ \$45/ton)	\$ 27,405.00	
Base (1218 tons @ \$40/ton)	\$ 48,720.00	
	SUBTOTAL:C-3.b	\$ 97,005.00
c. CONCRETE PAVING (100 SY @ \$26/SY)		\$ 2,600.00
d. OTHER concrete approach slab (50 S.Y. @\$152/S.Y.)		\$ 7,700.00
	SUBTOTAL:C-3	\$ 170,845.00
4. LUMP ITEMS:		
a. GRASSING (3 acre @ \$2000/acre)		\$ 6,000.00
b. CLEARING AND GRUBBING		\$ 20,000.00
c. LANDSCAPING		\$ 2,000.00
d. EROSION CONTROL		\$ 50,000.00
e. TRAFFIC CONTROL (with signals for staged construction)		\$ 160,000.00
	SUBTOTAL:C-4	\$ 238,000.00
5. MISCELLANEOUS:		
a. LIGHTING		\$ 0.00
b. SIGNING - MARKING		\$ 5,000.00
c. GUARDRAIL		
T Beam (84 ft @\$52/ft)		\$ 4,368.00
W Beam (1000 ft @ \$13/ft)		\$ 13,000.00
TP 12 Anchor (4 @ \$1,350) TP1 anchor (4 @ \$480 ea)		\$ 7,320.00
d. SIDEWALK (1707 yd ² @ \$25.75/ yd ²)		\$ 43,955.00
	SUBTOTAL:C-5	\$ 73,643.00
6. SPECIAL FEATURES: Removal of Existing Bridge		
	SUBTOTAL:C-6	\$ 75,000.00

ESTIMATE SUMMARY – Staged 160' Bridge		
A. RIGHT-OF-WAY ()		\$ 20,000.00
B. REIMBURSABLE UTILITIES	LGPA	\$ 0.00
C. CONSTRUCTION		
1. MAJOR STRUCTURES		\$ 756,000.00
2. GRADING AND DRAINAGE		\$ 60,101.00
3. BASE AND PAVING		\$ 170,845.00
4. LUMP ITEMS		\$ 238,000.00
5. MISCELLANEOUS		\$ 73,643.00
6. SPECIAL FEATURES		\$ 75,000.00
SUBTOTAL CONSTRUCTION COST		\$ 1,373,590.00
E. & C. (10%)		\$ 137,360.00
INFLATION (5% PER YEAR)		\$ 325,620.00
NUMBER OF YEARS	4	
TOTAL CONSTRUCTION COST		\$ 1,836,570.00
GRAND TOTAL PROJECT COST		\$ 1,856,570.00

This project is 100% in Walton County.

PRELIMINARY COST ESTIMATE: Alternate 3-Bridge 160' Span with temp. bridge.

PREPARED BY: Sean H. Pharr

PROJECT LENGTH: 0.23 miles

ESTIMATED LETTING DATE: FY08

 PROGRAMMING PROCESS CONCEPT DEVELOPMENT DURING PROJECT DEV.

PROJECT COST - Alternate 3-Bridge 160' Span with temp. bridge.	
A. RIGHT-OF-WAY:	
1. PROPERTY (LAND & EASEMENT)	\$ 20,000.00
2. DISPLACEMENTS: RES: 0, BUS: 0, M.H.: 0	\$ 0.00
3. OTHER COST (ADM./COST, INFLATION)	\$ 0.00
SUBTOTAL:A	\$ 20,000.00
B. REIMBURSABLE UTILITIES:	
1. RAILROAD	\$ 0.00
2. TRANSMISSION LINES	\$ 0.00
3. SERVICES	\$ 0.00
SUBTOTAL:B	\$ 0.00
C. CONSTRUCTION:	
1. MAJOR STRUCTURES Bridges (160' x 47.25' @ \$75/sf)	\$ 567,000.00
a. TEMP BRIDGE (155' x 27.25 @ \$45/sf)	\$ 190,100.00
b. RETAINING WALLS--not part of bridge-- (including railing)	\$ 0.00
SUBTOTAL:C-1	\$ 757,100.00
2. GRADING AND DRAINAGE:	
a. EARTHWORK 400 CY excav. ; 5,000 CY embank @\$2.5/CY	\$ 13,500.00
b. DRAINAGE:	
1) Curb and Gutter (2530' @ \$9.60/ft)	\$ 24,288.00
2) Longitudinal System	
Catch Basins (6 @ \$2000/basin)	\$ 12,000.00
Drop Inlets (1 @ \$2000/inlet)	\$ 2,000.00
Flared End Section (2 @ \$495/FES)	\$ 990.00
Safety End Section (0 @ \$400/SES)	\$ 0.00
MH (0 @ \$2014/MH)	\$ 0.00
18 inch pipe (500 ft @ \$22.12/ft)	\$ 11,060.00
SUBTOTAL: C-2	\$ 63,840.00

PROJECT COST - Alternate 3-Bridge 160' Span with temp. bridge.

3. BASE AND PAVING:		
a. AGGREGATE BASE (3177 tons @ \$20/ton)		\$ 63,540.00
b. ASPHALT PAVING:		
Milling (800 yd ² @ \$4.00/ yd ²)	\$ 3,200.00	
Surface (620 tons @ \$40/ton)	\$ 24,800.00	
Binder (940 tons @ \$45/ton)	\$ 42,300.00	
Base (1850 tons @ \$40/ton)	\$ 74,000.00	
	SUBTOTAL: C-3.b	\$ 207,840.00
c. CONCRETE PAVING (100 SY @ \$26/SY)		\$ 2,600.00
d. OTHER concrete approach slab (50 S.Y. @\$152/S.Y.)		\$ 7,700.00
	SUBTOTAL: C-3	\$ 170,845.00
4. LUMP ITEMS:		
a. GRASSING (3 acre @ \$2000/acre)		\$ 6,000.00
b. CLEARING AND GRUBBING		\$ 25,000.00
c. LANDSCAPING		\$ 2,000.00
d. EROSION CONTROL		\$ 70,000.00
e. TRAFFIC CONTROL		\$ 150,000.00
	SUBTOTAL: C-4	\$ 253,000.00
5. MISCELLANEOUS:		
a. LIGHTING		\$ 0.00
b. SIGNING - MARKING		\$ 7,000.00
c. GUARDRAIL		\$
T Beam (160 ft @\$52/ft)		\$ 8320.00
W Beam (1800 ft @ \$13/ft)		\$ 24,400.00
TP 12 Anchor (8 @ \$1,350) TP1 anchor (8 @ \$480 ea)		\$ 14,640.00
d. SIDEWALK (1707 yd ² @ \$25.75/ yd ²)		\$ 43,955.00
	SUBTOTAL: C-5	\$ 98,320.00
6. SPECIAL FEATURES: Removal of Existing Bridge		
	SUBTOTAL: C-6	\$ 50,000.00

ESTIMATE SUMMARY - Alternate 3-Bridge 160' Span with temp. bridge.		
A. RIGHT-OF-WAY ()		\$ 20,000.00
B. REIMBURSABLE UTILITIES	LGPA	\$ 0.00
C. CONSTRUCTION		
1. MAJOR STRUCTURES		\$ 757,100.00
2. GRADING AND DRAINAGE		\$ 63,840.00
3. BASE AND PAVING		\$ 207,840.00
4. LUMP ITEMS		\$ 253,000.00
5. MISCELLANEOUS		\$ 98,320.00
6. SPECIAL FEATURES		\$ 50,000.00
SUBTOTAL CONSTRUCTION COST		\$ 1,430,100.00
E. & C. (10%)		\$ 143,010.00
INFLATION (5% PER YEAR)		\$ 339,015.00
NUMBER OF YEARS	4	
TOTAL CONSTRUCTION COST		\$ 1,912,125.00
GRAND TOTAL PROJECT COST		\$ 1,932,125.00

This project is 100% in Walton County.

PRELIMINARY COST ESTIMATE: Widen existing bridge (BRST Funds)

PREPARED BY: Sean H. Pharr

PROJECT LENGTH: 0.10 miles

ESTIMATED LETTING DATE: FY08

PROGRAMMING PROCESS CONCEPT DEVELOPMENT DURING PROJECT DEV.

PROJECT COST –Widen Existing Bridge (BRST Funds)	
A. RIGHT-OF-WAY:	
1. PROPERTY (LAND & EASEMENT)	\$ 0.00
2. DISPLACEMENTS: RES: 0, BUS: 0, M.H.: 0	\$ 0.00
3. OTHER COST (ADM./COST, INFLATION)	\$ 0.00
SUBTOTAL:A	\$ 0.00
B. REIMBURSABLE UTILITIES:	
1. RAILROAD	\$ 0.00
2. TRANSMISSION LINES	\$ 0.00
3. SERVICES	\$ 0.00
SUBTOTAL:B	\$ 0.00
C. CONSTRUCTION:	
1. MAJOR STRUCTURES Bridge widening (151' from 23.70 to 47.25' @ \$120/sf)	\$ 426,730.00
a. TEMP BRIDGE	\$ 0.00
b. RETAINING WALLS	\$ 0.00
SUBTOTAL:C-1	\$ 426,730.00
2. GRADING AND DRAINAGE:	
a. EARTHWORK 50 CY excav. ; 2,000 CY embank @\$2.5/CY	\$ 5,000.00
b. DRAINAGE:	
1) Curb and Gutter (800' @ \$9.60/ft)	\$ 7,680.00
2) Longitudinal System	
Catch Basins (4 @ \$2000/basin)	\$ 8,000.00
Drop Inlets (0 @ \$2000/inlet)	\$ 0.00
Flared End Section (2 @ \$495/FES)	\$ 990.00
Safety End Section (0 @ \$400/SES)	\$ 0.00
MH (0 @ \$2014/MH)	\$ 0.00
18 inch pipe (100 ft @ \$22.12/ft)	\$ 2,220.00
SUBTOTAL:C-2	\$ 23,870.00

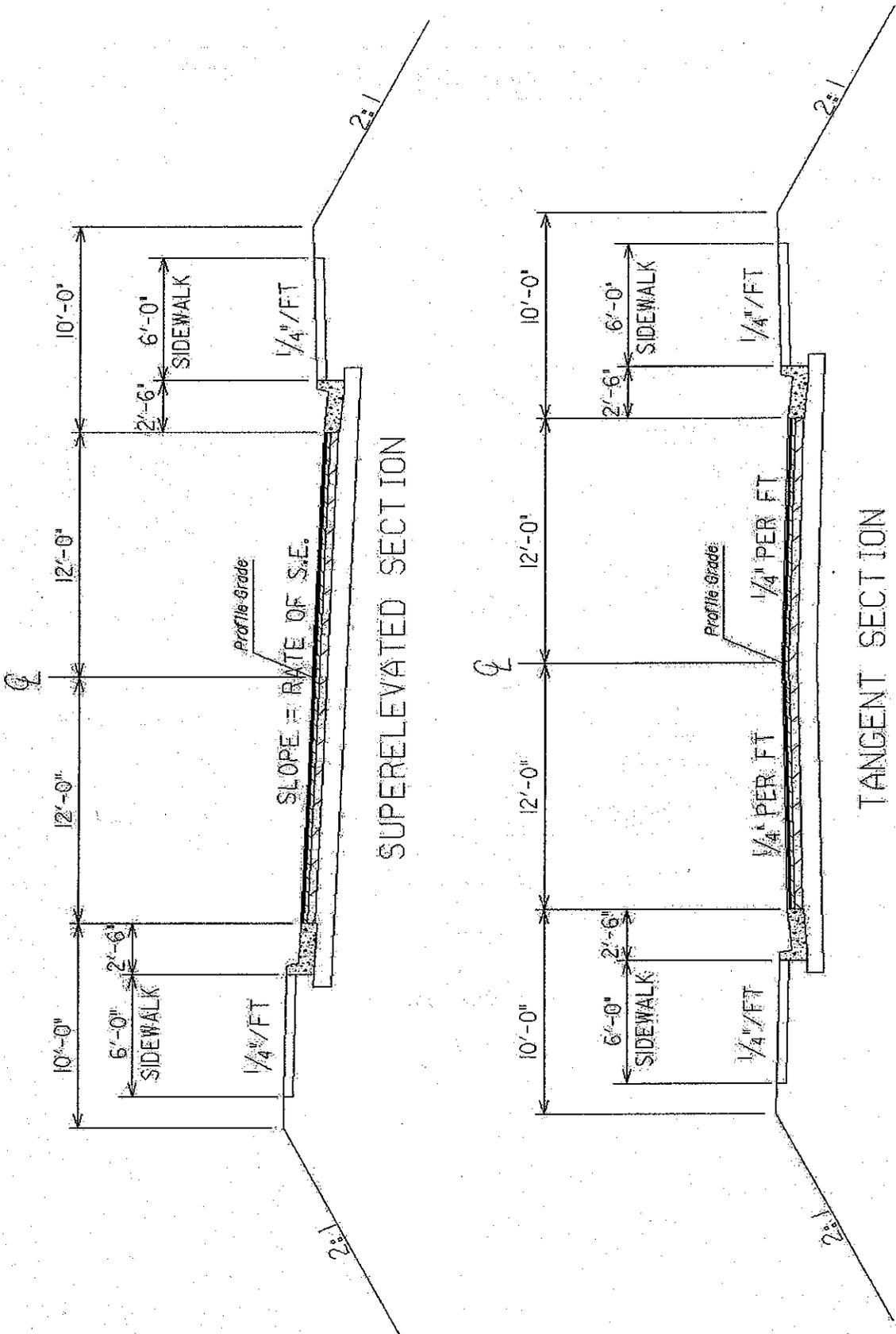
PROJECT COST –Widen Existing Bridge (BRST Funds)

3. BASE AND PAVING:		
a. AGGREGATE BASE (832 tons @ \$20/ton)		\$ 16,640.00
b. ASPHALT PAVING:		
Milling (100 yd ² @ \$4.00/ yd ²)	\$ 400.00	
Surface (120 tons @ \$40/ton)	\$ 4,800.00	
Binder (160 tons @ \$45/ton)	\$ 7,200.00	
Base (320 tons @ \$40/ton)	\$ 12,800.00	
	SUBTOTAL:C-3.b	\$ 42,240.00
c. CONCRETE PAVING (100 SY @ \$26/SY)		\$ 2,600.00
d. OTHER concrete approach slab (50 S.Y. @\$152/S.Y.)		\$ 7,600.00
	SUBTOTAL:C-3	\$ 52,440.00
4. LUMP ITEMS:		
a. GRASSING (1 acre @ \$2000/acre)		\$ 2,000.00
b. CLEARING AND GRUBBING		\$ 20,000.00
c. LANDSCAPING		\$ 2,000.00
d. EROSION CONTROL		\$ 30,000.00
e. TRAFFIC CONTROL 0		\$ 70,000.00
	SUBTOTAL:C-4	\$ 124,000.00
5. MISCELLANEOUS:		
a. LIGHTING		\$ 0.00
b. SIGNING - MARKING		\$ 3,000.00
c. GUARDRAIL		\$
T-Beam (84 ft @\$52/ft)		\$ 4,368.00
W Beam (1000 ft @ \$13/ft)		\$ 13,000.00
TP 12 Anchor (4 @ \$1,350) TPI anchor (4 @ \$480 ea)		\$ 7,320.00
d. SIDEWALK (500 yd ² @ \$25.75/ yd ²)		\$ 12,875.00
	SUBTOTAL:C-5	\$ 40,560.00
6. SPECIAL FEATURES:		
	SUBTOTAL:C-6	\$ 0.00

ESTIMATE SUMMARY – Widen Existing Bridge (BRST Funds)

A. RIGHT-OF-WAY ()		\$	0.00
B. REIMBURSABLE UTILITIES	LGPA	\$	0.00
C. CONSTRUCTION			
1. MAJOR STRUCTURES		\$	426,730.00
2. GRADING AND DRAINAGE		\$	23,870.00
3. BASE AND PAVING		\$	52,440.00
4. LUMP ITEMS		\$	124,000.00
5. MISCELLANEOUS		\$	40,560.00
6. SPECIAL FEATURES		\$	0.00
SUBTOTAL CONSTRUCTION COST		\$	667,600.00
E. & C. (10%)		\$	66,760.00
INFLATION (5% PER YEAR)		\$	143,870.00
NUMBER OF YEARS	4		
TOTAL CONSTRUCTION COST		\$	878,230.00
GRAND TOTAL PROJECT COST		\$	878,230.00

This project is 100% in Walton County.



TYPICAL SECTIONS

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 297-0015-0

Walton

SUFF. RATING

54.22

Location & Geography

* Structure I.D.No: 297-0015-0
 * 200 Bridge Information 06
 * 6A Feature Int: CSX RAILROAD
 * 6B Critical Bridge: 0
 * 7A Route Number Carried: SR00011
 * 7B Facility Carried: SR 11
 * 9 Location: IN SOUTH SOCIAL CIRCLE
 2 DOT District: 1
 2001 Year Photo:
 * 91 Inspection Frequency: 24 Date: 09/18/2001
 92A Fract Crit Insp Freq: 00 Date: 02/01/1901
 92B Underwater Insp Freq: 00 Date: 02/01/1901
 92C Other Spc. Insp Freq: 00 Date: 02/01/1901
 * 4 Place Code: 71660
 * 5 Inventory Route (O/U): 1
 Type: 3
 Designation: 1
 Number: 00011
 Direction: 0
 * 16 Latitude: 33-39.0 MMS Prefix: SR
 * 17 Longitud 83-43.3 MMS Suffix: 00 MP: 0.98
 98 Border Bridge: 000 %Shared: 00
 99 ID Number: 0000000000000000
 * 100 STRAHNET: 0
 12 Base Highway Network: 1
 13A LRS Inventory Route: 2971001100
 13B Sub Inventory Route: 0
 * 101 Parallel Structure: N
 * 102 Direction of Traffic: 2
 * 264 Road Inventory Mile Post: 000.96
 * 208 Inspection Area: 02 Initials: JTB
 Engineer's Initial: WSS
 * Location I.D. No.: 297-00011D-000.98N

Signs & Attachments

* 104 Highway System: 0
 * 26 Functional Classification: 06
 * 204 Federal Route Type: F No.: 00521
 * 105 Federal Lands Highway: 0
 * 110 Truck Route: 0
 206 School Bus Route: 1
 217 Benchmark Elevation: 0000.00
 218 Datum: 2
 * 19 Bypass Length: 01
 * 20 Toll: 3
 * 21 Maintenance: 01
 * 22 Owner: 01
 * 31 Design Load: 2
 37 Historical Significance: 5
 205 Congressional District: 11
 27 Year Constructed: 1954
 106 Year Reconstructed: 0000
 33 Bridge Median: 0
 34 Skew: 39
 35 Structred Flared: 0
 38 Navigation Control: N
 213 Special Steel Design: 0
 267 Type of Paint: 1
 * 42 Type of Service on: 1 Under: 2
 214 Movable Bridge: 0
 203 Type Bridge: O-O-M-O
 259 Pile Encasement: 3
 * 43 Structure Type Main: 3 02
 45 No. Spans Main: 002
 44 Structure Type Appr: 4 02
 46 No. Spans Appr: 0002
 226 Bridge Curve Horz: 0 Vert: 1
 111 Pier Protection: 0
 107 Deck Structure Type: 1
 108 Wearing Surface Type: 1 Membrane: 0 Protection: 8
 * 248 County Continuity No.: 13

225 Expansion Joint Type: 02
 242 Deck Drains: 1
 243 Parapet Location: 0
 Height: 0.00
 Width: 0.00
 238 Curb: 0.80 1
 239 Handrail: 1 1
 * 240 Median Barrier Rail: 0
 241 Bridge Median Height: 0.00
 Width: 0.00
 * 230 Guardrail Loc Dir Rear: 3
 Fwrd: 3
 Oppo Dir Rear: 0
 Fwrd: 0
 244 Approach Slab: 3
 224 Retaining Wall: 0
 233 Posted Speed Limit: 30
 236 Warning Sign: 0
 234 Delineator: 1
 235 Hazard Boards: 1
 237 Utilities Gas: 32
 Water: 00
 Electric: 00
 Telephone: 00
 Sewer: 00
 247 Lighting Street: 0
 Navigaion: 0
 Aerial: 0

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 297-0015-0

Walton

SUFF. RATING

54.22

Programming Data

201 Project No.: BA (1) 1019-B (3)
 202 Plans Available: 4
 249 Prop. Proj. No. BRST-052-1 (12)
 250 Approval Status: 9021
 251 P.I. No.: 132980-
 252 Contract Date: 02/01/2006
 260 Seismic No.: 00000
 75 Type Work: 34 1
 94 Bridge Imp. Cost \$ 121
 95 Roadway Imp. Cos \$ 236
 96 Total Imp Cost: \$ 442
 76 Imp. Length: 001471
 97 Imp. Year: 1990
 114 Future ADT: 13350 Year: 2020

Measurements

* 29 ADT: 008900 Year: 2000
 109 % Trucks: 15
 * 28 Lanes On: 02 Under: 00
 210 No. Tracks On: 00 Under: 02
 * 48 Max. Span Length: 0060
 * 49 Structure Length: 151
 51 Br. Rwdy. Width: 23.70
 52 Deck Width: 35.30
 * 47 Tot. Horz. Cl: 23.70
 50 Curb/Sdewlk Width: 5.10/5.00
 32 Approach Rdwy Width: 030
 * 229 Shoulder Width:

Rear Lt: 3.70 Type: 2 Rt: 3.70
 Fwd Lt: 6.00 Type: 2 Rt: 7.20

Pavement Width:

Rear: 22.60 Type: 2
 Fwd: 23.00 Type: 2
 Intersection Rear: 1 Fwd: 1
 36 Safety Features Br. Rail: 2
 Transition: 2

215 Waterway Data
 Highwater Elev.: 0000.0 Year: 1900
 Avg. Streambed Elev.: 0000.0 Freq.: 00

Drainage Area: 00000
 Area Of Opening: 000000

113 Scour Critical: N
 216 Water Depth: 00.0 Br. Height: 00.0

222 Slope Protection: 0
 221 Spur Dikes Rear: 0 Fwd: 0

219 Fender System: 0
 220 Dolphin: 0

223 Culvert Cover: 000
 Type: 0
 No. Barrels: 0

Width: 0.00 Height: 0.00
 Length: 0 Apron: 0

* 265 U/W Insp. Area: 0 Diver: ZZZ

* Location I.D. No.: 297-00011D-000.98N

Hydraulic Data

261 H Inventory Rating: 15
 262 H Operating Rating: 23
 67 Structural Evaluation: 4
 58 Deck Condition: 6
 59 Superstructure Condition: 6
 * 227 Collision Damage: 0
 60A Substructure Condition: 6
 60B Scour Condition: N
 60C Underwater Condition: N
 71 Waterway Adequacy: N
 61 Channel Protection Cond: N
 68 Deck Geometry: 2
 69 UnderCl. Horz/Vert: 5
 72 Appr. Alignment: 6
 62 Culvert: N

Posting Data

70 Bridge Posting Required: 5
 41 Struct Open, Posted, Cl: A
 * 103 Temporary Structure: 0
 232 Posted Loads H-Modified: 00
 HS-Modified: 00
 Type 3: 00
 Type3s2: 00
 Timber: 00
 Piggyback: 00

253 Notification Date 02/01/1901
 253 Fed Notify Date: 02/01/1901 0

245 Deck Thickness Main: 6.00
 Deck Thick Approach: 6.00
 246 Overlay Thickness: 0.00
 212 Year Last Painted: Sup: 1954 Sub: 0000



Department of Transportation State of Georgia

J. TOM COLEMAN, JR.
COMMISSIONER
(404) 656-5206

HAROLD E. LINNENKOHL
DEPUTY COMMISSIONER
(404) 656-5212

FRANK L. DANCHETZ
CHIEF ENGINEER
(404) 656-5277

EARL MAHFUZ
TREASURER
(404) 656-5224

INTERDEPARTMENT CORRESPONDENCE

April 24, 2002

FROM: Buddy Gratton, P.E., State Maintenance Engineer

TO: James B. Buchan, P.E., State Consultant Design Engineer
Attn: Ted Cashin

SUBJECT: Bridge Replacement

**BRST-052-1 (12) / Walton
Structure ID 297-0015-0
Location ID 297-00011D-000.98N
SR 11 over CSX RR**

This bridge was built in 1954 and consists of concrete bents, steel beam superstructure, and a concrete deck. The original design load capacity is H-15. The sufficiency rating on the structure is 54.2, and the bridge is classified as Functionally Obsolete and requires widening. However, in accordance with DOT policy 2405-1, we recommend that this bridge be replaced though due to unacceptable load capacity. Due to this criteria, no additional cost analysis or coring by the lab will be required. This bridge does not currently qualify for federal replacement BR funding but does qualify for federal bridge widening funds which can be used toward replacement up to the estimated cost of widening. The remaining funds would have to come from another funding source.

If further information is required, please contact Brian Summers at (404) 635-8179.

BG/BKS

cc: Percy Middlebrooks

MEETING MINTUTES

PROJECT: BRST-052-1(12) Walton County
P.I. No. 132980
SR 11 Over CSX Railroad in South Social Circle

SUBJECT: Concept Team Meeting

DATE: August 20,2003

TO: Attendees (list follows minutes)

Minutes by: Sean H. Pharr. (Please notify immediately with any errors or omissions)

PURPOSE:

A concept meeting was held at the Gainesville-District 1 Area Office at 10:30AM on August 20, 2003. Members from GDOT, Social Circle City Officials, and URS met to discuss a bridge replacement project. Kevin Hosey and Sean Pharr described the project, which included a conceptual layout of the bridge replacement of a structurally deficient bridge on SR 11 over CSX Railroad.

GENERAL COMMENTS:

Part of a bypass route for Social Circle is currently under construction (county contract). There was some discussion regarding use of this route as a detour, but the full bypass will not be in place in time for construction of this project. Therefore, staging the bridge to keep at least one lane open to through traffic should be an alternative. The concensus of the concept team was to further study a staging option to allow this, possibly utilizing temporary traffic signals on either end of the bridge to control one way traffic operation across the existing bridge.

It was also noted that a structurally deficient bridge exists on SR81 if that route were used as a detour route.

It was noted that there are utilities on the existing bridge (4" gas and 6" water), as well as underground sewer lines in the adjacent area.

It is anticipated that environmental issues should be limited to impacts to the historic district only. No other environmental issues are known at this time.

Coordination with CSX Railroad will be required.

It may be necessary to utilize T beam guardrail to obtain clear zone requirements. Due to the lack of room for sufficient shoulders immediately before and after the bridge, T-beam may be utilized to limit the required shoulder width.

ATTENDEES
CONCEPT TEAM MEETING- August 20, 2003

Kevin Hosey	URS	678-808-8811	Kevin_Hosey@urscorp.com
Sean Pharr	URS	678-808-8839	Sean_Pharr@urscorp.com
Chuck Wilson	URS	678-808-8800	Jerome_Henderson@urscorp.com
Tim Knight	GDOT-Area Engineer	706-532-5522	Tim.Knight@dot.state.ga.us
Don Attaway	GDOT-Design	770-532-5522	Don.Attaway@dot.state.ga.us
Heather Colston	URS	678-808-8800	Heather_colston@urscorp.com
Joel Johnson	GA Power – Eng.	706-357-6812	JWJohnson@southernco.com
Doug White	City Mgr. – Social Circle	770-464-2380	citysocialcircle@mindspring.com
Henry N. O’Kelley	GADOT – Utilities	770-532-5510	Henry.okelley@dot.state.ga.us
Johnny Emmett	GADOT	770-718-5024	Johnny.Emmett@dot.state.ga.us

NOTICE OF LOCATION AND DESIGN APPROVAL

BRST-052-1(12) WALTON COUNTY

P. I. No. 132980

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.

Date of Location and Design Approval: FEBRUARY 5, 2004

This project is a 0.23-mile replacement of SR 11/ Winder-Monroe Hwy bridge over CSX Railroad, just south of Social Circle, Georgia. A new bridge over the railroad will be constructed to replace the currently deficient one. Traffic will utilize the existing roadway and bridge during construction of the new bridge. The project lies entirely within Walton County within Land District 11 and G.M.D 418.

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

**Tim Knight, Area Engineer
Department Of Transportation
Walton Area Office
450 Old Hull Rd
Athens, GA 30601
(770) 369-5627**

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:

**Ted Cashin
Office of Consultant Design
Department Of Transportation
No. 2 Capitol Square
Atlanta, Georgia 30334
(404) 463-6135
Ted.Cashin@dot.state.ga.us**

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

Department of Transportation State of Georgia

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-052-1(12),Walton County
P.I.# 132980

OFFICE Environment/ Location

DATE December 7, 1999

FROM David E. Studstill, P.E., State Environment/ Location

TO Jimmy Chambers, Office of Consultant Management
Attn. Ted Cashin

SUBJECT SR 11 @ CSX railroad, South Social Circle in Walton County.

We are furnishing estimated traffic assignments for the above project as follows:

2026 ADT = 17,000
2006 ADT = 9,500
K = 9%
D = 60%
T = 6%
24 HR T = 8%
SU = 3%
COMB = 5%

If you have any questions concerning this information please contact Dan Funk at (404) 699- 3474.

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

SR 11 OVER CSX RAILROAD IN SOUTH SOCIAL CIRCLE

Project Number: BRST-052-1(12)
P.I. NO. 132980
County: WALTON

FEDERAL ROUTE NO:
STATE ROUTE NO: 11

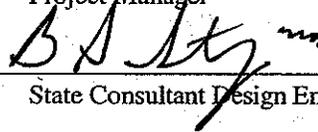
Prepared by:

DATE 12-22-03



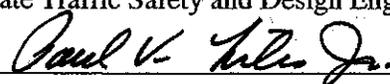
Project Manager

DATE 12-22-03



State Consultant Design Engineer

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

DATE _____	State Transportation Planning Administrator
DATE _____	Financial Management Administrator
DATE _____	State Environmental / Location Engineer
DATE _____	Project Review Engineer
DATE _____	State Traffic Safety and Design Engineer
<u>1/3/04</u> DATE _____	 State Bridge & Structural Design Engineer
DATE _____	District Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

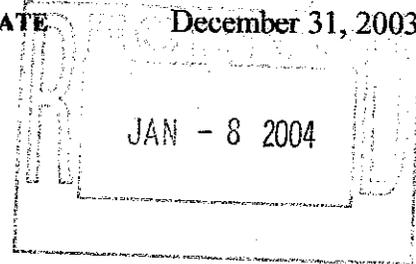
FILE Walton County
BRST-052-1(12) P.I. 132980
SR 11 over the CSX line in Social Circle

OFFICE Gainesville

FROM *TL* Todd I. Long, P.E., District Engineer

DATE December 31, 2003

TO Meg Pirkle, P.E., Assistant Director of Preconstruction



SUBJECT PROJECT CONCEPT REPORT

This office has reviewed the subject concept and finds the report acceptable. Attached is a signed cover page for your use. If you have any questions, please call Todd Long at 770-532-5526.

CC: Ted Cashin

TIL

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

SR 11 OVER CSX RAILROAD IN SOUTH SOCIAL CIRCLE

Project Number: BRST-052-1(12)
P.I. NO. 132980
County: WALTON

FEDERAL ROUTE NO:
STATE ROUTE NO: 11

Prepared by:

DATE 12-22-03



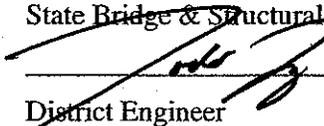
Project Manager

DATE 12-22-03



State Consultant Design Engineer

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

DATE	State Transportation Planning Administrator
DATE	Financial Management Administrator
DATE	State Environmental / Location Engineer
DATE	Project Review Engineer
DATE	State Traffic Safety and Design Engineer
DATE	State Bridge & Structural Design Engineer
<u>12/31/02</u> DATE	 District Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

SR 11 OVER CSX RAILROAD IN SOUTH SOCIAL CIRCLE

Project Number: BRST-052-1(12)
P.I. NO. 132980
County: WALTON

FEDERAL ROUTE NO:
STATE ROUTE NO: 11

Prepared by:

DATE 12-22-03



Project Manager

DATE 12-22-03



State Consultant Design Engineer

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

DATE _____	State Transportation Planning Administrator
DATE _____	Financial Management Administrator
DATE _____	State Environmental / Location Engineer
<u>12-29-03</u>	<i>David J. Mullins</i> ^{RLW}
DATE _____	Project Review Engineer
DATE _____	State Traffic Safety and Design Engineer
DATE _____	State Bridge & Structural Design Engineer
DATE _____	District Engineer

Department of Transportation
State of Georgia

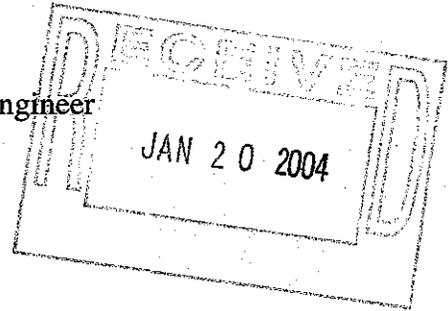
INTERDEPARTMENTAL CORRESPONDENCE

File: BRST-052-1(12), Walton County
P.I. No.: 132980

Office: Traffic Safety & Design
Atlanta, Georgia

Date: January 9, 2004

From: *PMA/ll* Phillip M. Allen, State Traffic Safety and Design Engineer
To: Meg Pirkle, Assistant Director of Preconstruction
Subject: Project Concept Report Review



We have reviewed the above referenced concept report for the proposed bridge replacement on State Route 11 over CSX Railway in Walton County.

The Office of Traffic Safety & Design finds this report satisfactory for approval because it will improve safety and traffic operations within this area.

PMA/sz

Attachment (signature page)

Cc: Harvey Keeper, Environment/Location Engineer
Brent Story, State Consultant Design Engineer
Attention: Ted Cashin
Todd Long, District 1 Engineer
Attention: Russell McMurry
David Mulling, Engineer Services, w/ attachment
Joe Palladi, State Transportation Planning Administrator
Paul Liles, State Bridge Design Engineer
Kathy Bailey, TMC
General Files
Office Files

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

SR 11 OVER CSX RAILROAD IN SOUTH SOCIAL CIRCLE

Project Number: BRST-052-1(12)
P.I. NO. 132980
County: WALTON

FEDERAL ROUTE NO:
STATE ROUTE NO: 11

Prepared by:

DATE 12-22-03



Project Manager

DATE 12-22-03



State Consultant Design Engineer

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

_____ DATE	_____ State Transportation Planning Administrator
_____ DATE	_____ Financial Management Administrator
_____ DATE	_____ State Environmental / Location Engineer
_____ DATE	_____ Project Review Engineer
<u>1-13-04</u> DATE	<u>Phillip M. Allen</u> State Traffic Safety and Design Engineer
_____ DATE	_____ State Bridge & Structural Design Engineer
_____ DATE	_____ District Engineer