

D.O.T. 66

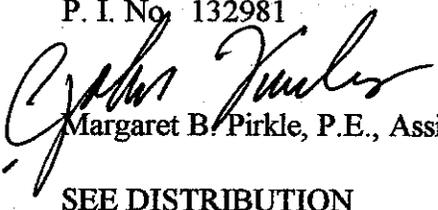
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-052-1(15) Walton-Barrow Counties **OFFICE** Preconstruction

P. I. No. 132981

DATE February 11, 2004

FROM  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

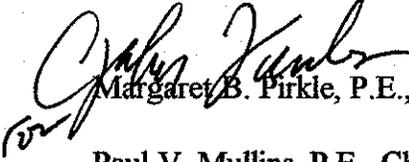
DISTRIBUTION:

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(15) Walton-Barrow Counties **OFFICE** Preconstruction
P.I. No. 132981 **DATE** January 15, 2004

FROM  Margaret B. Pirkie, 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 Apalachee River, 7.5 miles north of Monroe, Georgia. The existing bridge, constructed in 1942, is load limited with a sufficiency rating of 47. State Route 11 at this location is a rural two lane roadway with 12' travel lanes with rural shoulders. Traffic is projected to be 9,000 VPD and 16,500 VPD in the years 2006 and 2026 respectively. The posted speed and the design speed are 55 MPH.

The construction proposes to relocate SR 11 west of its present location, extending a total of 0.57 mile. The proposed new bridge will be 280' x 44' and will be located just west of the existing bridge structure. The relocated SR 11 will consist of two, 12' lanes with 10' rural shoulders (4' paved). Traffic will be maintained on the existing bridge while the proposed bridge is constructed.

Environmental concerns include requiring a COE 404 Permit; a Categorical Exclusion will be prepared; time saving procedures are appropriate.

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)	\$1,886,000	\$1,886,000	2008	2008
Right-of-Way	\$ 13,000	\$ 13,000		
Utilities*	LGPA	LGPA		

*Walton County signed LGPA for utilities.

Paul V. Mullins

Page 2

BRST-052-1(15) Walton-Barrow

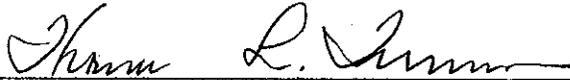
January 15, 2004

This project is in the STIP. I recommend this project concept be approved.

CWH:JDQ/cj

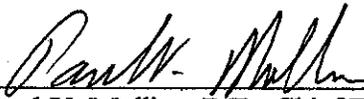
Attachment

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(15) Walton/Barrow
S.R. 11 @ Apalachee River
P.I. No. 132981

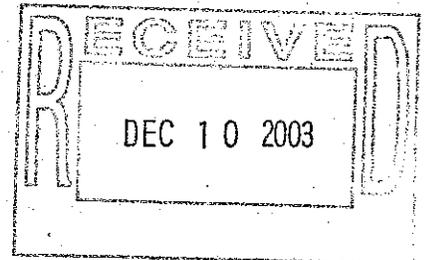
OFFICE: Engineering Services

DATE: December 9, 2003

FROM: David Mulling, Project Review Engineer *DM*

TO: Meg Pirkle, Assistant Director of Preconstruction

SUBJECT: CONCEPT REPORT



We have reviewed the Concept Report submitted December 9, 2003 by the letter from Brent A. Story dated December 5, 2003, and have the following comments:

- FEMA coordination was noted on Page 4 of the Draft Concept Report. Ensure this is addressed in the Hydraulic Study for this project.
- Right of Way and Reimbursable Utility costs should be included in the Cost Estimate of the Concept Report.

The costs for the project are:

Construction	\$1,577,860
Inflation	\$157,786
E&C	\$173,565
Reimbursable Utilities	Not included
Right of Way	Not included

REW

c: Brent A. Story, Attn: Ted Cashin

SCORING RESULTS AS PER MOG 2440-2

Project Number: BRST-052-1(15))		County: Walton/Barrow		PI No.: 132981	
Report Date: December 5, 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	Right of Way and Reimbursable Utility costs should be included in the Cost Estimate of the Concept Report.			
Judgement	100				
Environmental	100				
Right of Way	100				
Utility	100				
Constructability	100				
Schedule	100				

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

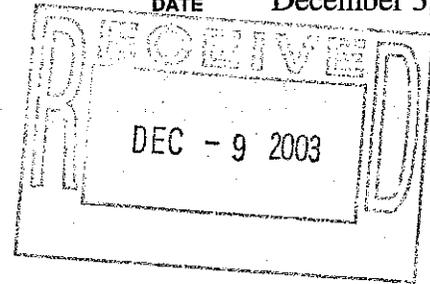
FILE **BRST-052-1(15) Walton County**
SR 11 @ Apalachee River 7.5 mi North of Monroe
P.I. No. 132981-
Michael Story
FROM Brent A. Story, State Consultant Design Engineer

TO Margaret B. Pirkle, Assistant Director of Preconstruction

SUBJECT **PROJECT CONCEPT REPORT**

OFFICE Atlanta

DATE December 5, 2003



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.

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 AT APALACHEE RIVER

Project Number: BRST-052-1(15)

P.I. NO. 132981

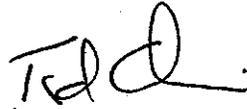
County: Walton, Barrow

FEDERAL ROUTE NO: N/A

STATE ROUTE NO: 11

Prepared by:

DATE 12-5-03



Project Manager

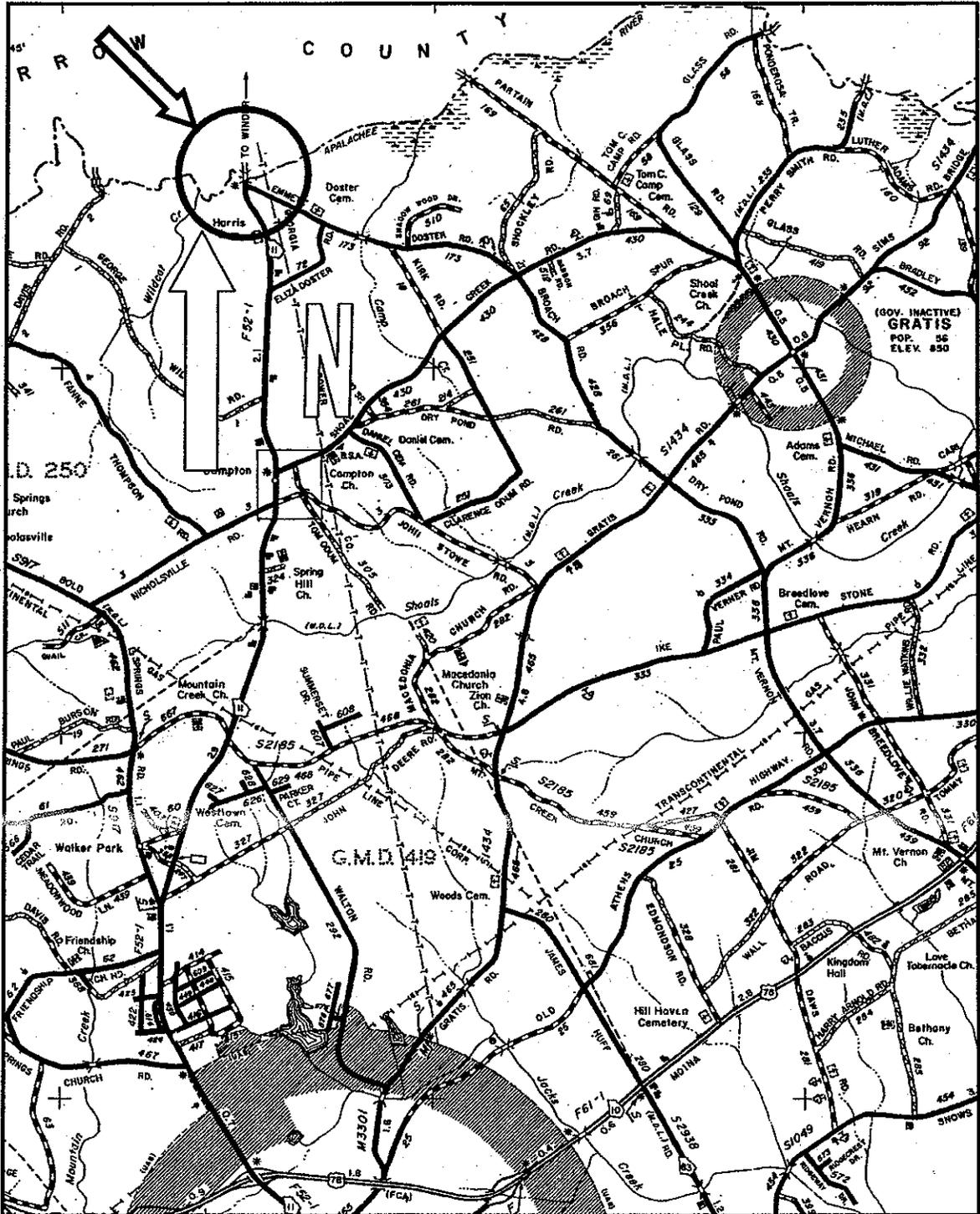
DATE 12-8-03



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
DATE _____	District Engineer



Scale: 1 inch = 1 mile

Location Map

Project: BRST-052-1(15) Walton County PI No.: 132981-
Description: SR 11/Winder-Monroe Hwy. @ Apalachee River

- Residences: 0
- Mobile homes: 1
- Other: 0

- Structures:
 - Bridges – New bridge over Apalachee River, approximately 280 ft in length, 44 ft wide gutter to gutter, 1-12' lane in each direction with 10 ft outside shoulders.
 - Retaining walls: N/A
- Traffic control during construction: traffic on existing bridge and alignment during construction of new bridge and realignment
- 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: historic property south of bridge along both sides of SR 11
- Level of environmental analysis:
 - Are Time Savings Procedures appropriate? Yes , No ,
 - Categorical exclusion ,
 - Environmental Assessment/Finding of No Significant Impact (FONSI) , or
 - Environmental Impact Statement (EIS) .
- Utility involvements: Power, gas

Project responsibilities:

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

Coordination

- Concept meeting date and brief summary: Concept meeting held at 9 A.M. on July 10, 2003 at the District Office (minutes attached)
- P. A. R. meetings, dates and results: Not required
- FEMA, USCG, and/or TVA: FEMA (project encroaches mapped 100-year floodplain).
- Public involvement. *None anticipated*
- Local government comments: *None at this time*

- Other projects in the area: bridge over Scott Creek PI # 132971, 1/2 mile north of Apalachee River bridge.

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: None

Alternates considered:

1. Replace bridge on existing location with on-site detour (temporary bridge upstream).
2. Replace bridge on existing location with on-site detour (temporary bridge downstream).
3. Replace bridge on new permanent realignment.
4. Detour traffic (off-site)
5. No Build.

Comments:

Comparison Summary of Concepts 1 - 3

Alternative (3) is the preferred alternate. All traffic will remain on the existing alignment until the new bridge and roadway is completed. This alternate will have a much shorter construction time than alternates 1 and 2, and will have less earthwork as well. This alternate will also improve the sight distance of the vehicles turning onto SR 11 from CR 173/Emmett Doster Road.

Alternatives (1) and (2) were discounted due to longer construction times, larger earthwork volumes and greater impacts to historic resources.

Alternative (5) was eliminated because it does not satisfy the need and purpose of the project.

Alternative (4) was discounted because there is no suitable detour route.

Attachments:

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

NEED AND PURPOSE
PROJECT: BRST-052-1(15), WALTON COUNTY
PI No. 132981
BRIDGE REPLACEMENT

Background

The proposed project will replace the structurally deficient bridge on SR 11 across the Apalachee River. The bridge is located 7.5 miles north of Monroe, Georgia. It was constructed in 1942 and is supported by 10 inch H-Piles. The existing bridge length and width is 200 ft x 27.80 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 47.89. Therefore the project described, with sensitivity towards the provided justification, is being proposed.

Logical Termini

The bridge replacement project is a stand alone project with independent utility. The proposed project length is 0.24 miles.

There are two other projects planned near the current bridge. Just north of the proposed project there is a bridge replacement project planned on SR 11 at Scott Creek (PI 132971, Barrow County). There is also a bridge widening planned on SR 11 from north of Social Circle to the Walton County line (PI 0000413, Walton County).

Facility Overview and Operational Characteristics

SR 11 serves as a significant regional route between Winder and Monroe Georgia. It is neither a state or local bicycle route. The section upon which SR 11 crosses the Apalachee River is also not a school bus route. The posted speed limit along this bridge is 55mph.

SR 11 is functionally classified as a rural minor arterial with estimated truck traffic of 15%. Annual daily traffic along this route in 2002 was 6900. The 2008 and 2028 traffic is projected at 8,002 and 13,066 respectively.

Accident Data

No accidents have been recorded at the bridge; however, the section of SR 11 approximately one mile north of the bridge has experienced a gradual increase in accidents since 1995. In 1995, there was 1 accident recorded with 2 injuries and 0 fatalities. In 1996 there were four accidents recorded with 4 injuries and 0 fatalities. In 1997 there were five accidents recorded with 4 injuries and 0 fatalities. In 2001 there were six accidents recorded with 4 injuries and 0 fatalities. The following chart lists accident data and comparable statewide averages:

	1995	1996	1997	2001
Total Accidents	1	4	5	6
Accidents Per 100 MVMT	75	266	310	292
Statewide Accidents Per 100 MVMT	200	121	125	186
Accident % Higher/Lower Than Statewide Average	-62%	+55%	+60%	+36%

Since 1996, accident rates along this segment of roadway have been above statewide averages for similarly functionally classified roadways. Most of these accidents involve collisions with something other than a motor vehicle (i.e. trees, fences, and a bridge pier).

Community Characteristics

Within a 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 6, 237 according to 2000 census figures. Of this group 9% are Black and 4% are Hispanic. Also, 15% of households for which income is recorded have an annual income less than \$20,000.

Need and Purpose

Replacing the bridge on SR 11 over Apalachee 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: Realignment (Preferred Alternative)

PREPARED BY: Jerome Henderson, Jr.

PROJECT LENGTH: 0.57 miles

ESTIMATED LETTING DATE: FY04

PROGRAMMING PROCESS

CONCEPT DEVELOPMENT

DURING PROJECT DEV.

PROJECT COST (Preferred Alternative)											
A. RIGHT-OF-WAY:											
1. PROPERTY:	R/W	0	SF@	10	/SF	ESMT	0	/SF @	0	/SF	\$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										LGPA	
C. CONSTRUCTION:											
1. MAJOR STRUCTURES: Bridges	280	ft	X	44	ft @	\$75.00	/SF			\$924,000.00	
a. TEMP BRIDGE	0	ft	X	0	ft @	\$30.00	/SF			\$0.00	
b. RETAINING WALL											
SUBTOTAL:C-1										\$924,000.00	
2. GRADING AND DRAINAGE:											
a. EARTHWORK	8,674	CY	excav.	51,100	CY	embank @	2.5	/CY			\$149,435.00
b. DRAINAGE:											
1) Curb and Gutter											
2) Longitudinal System											
Catch Basins (0 @ \$2000/basin)											
Drop Inlets (0 @ \$2000/inlet)											
Flared End Section (14 @ \$495/FES)										\$6,930.00	
Safety End Section (0 @ \$400/SES)											
MH (0 @ \$2014/MH)											
18 inch pipe (146 ft @ \$22.12/ft)										\$3,229.52	
SUBTOTAL:C-2										\$159,594.52	

PROJECT COST (Preferred Alternative)

3. BASE AND PAVING:				
a. AGGREGATE BASE	5,236 tons @	\$20.00 /ton		\$104,720.00
b. ASPHALT PAVING:				
Milling	950 yd ² @	\$4.00 /yd ²	\$3,800.00	
Surface	730 tons @	\$40.00 /ton	\$29,200.00	
Binder	975 tons @	\$45.00 /ton	\$43,875.00	
Base	1,176 tons @	\$40.00 /ton	\$47,040.00	
			SUBTOTAL: C-3.b	\$123,915.00
c. CONCRETE PAVING				
d. OTHER: tack coat	600 gallon @	\$1.00 /gallon		\$600.00
			SUBTOTAL: C-3	\$229,235.00
4. LUMP ITEMS:				
a. GRASSING	7.0 acre @	\$2,000.00 /acre		\$14,000.00
b. CLEARING AND GRUBBING				\$20,000.00
c. LANDSCAPING				\$0.00
d. EROSION CONTROL				\$100,000.00
e. TRAFFIC CONTROL				\$50,000.00
			SUBTOTAL: C-4	\$184,000.00
5. MISCELLANEOUS:				
a. LIGHTING				
b. SIGNING - MARKING				\$500.00
c. GUARDRAIL				
T Beam	84 ft @	\$52.00 /ft		\$4,368.00
W Beam	1,000 ft @	\$13.00 /ft		\$13,000.00
TP 12 Anchor	2 @	\$1,350.00 ea		\$2,700.00
TP1 anchor	2 @	\$480.00 ea		\$960.00
d. SIDEWALK	0 yd ² @	\$25.75 /yd ²		\$0.00
			SUBTOTAL: C-5	\$21,028.00
6. SPECIAL FEATURES:				
Removal of Existing Bridge				
			SUBTOTAL: C-6	\$60,000.00

ESTIMATE SUMMARY (Preferred Alternative)		
A. RIGHT-OF-WAY ()		\$0.00
B. REIMBURSABLE UTILITIES		LGPA
C. CONSTRUCTION		
1. MAJOR STRUCTURES		\$924,000.00
2. GRADING AND DRAINAGE		\$159,594.52
3. BASE AND PAVING		\$229,235.00
4. LUMP ITEMS		\$184,000.00
5. MISCELLANEOUS		\$21,028.00
6. SPECIAL FEATURES		\$60,000.00
SUBTOTAL CONSTRUCTION COST		\$1,577,857.52
E. & C. (10%)		\$157,785.75
INFLATION :	5.00% PER YEAR	
NUMBER OF YEARS:	2	\$150,272.14
TOTAL CONSTRUCTION COST		\$1,885,915.42
GRAND TOTAL PROJECT COST		\$1,885,915.42

This Project is 44% in Walton County, 56% in Barrow County.

PRELIMINARY COST ESTIMATE: Temporary Bridge Downstream (Alternative 2)

PREPARED BY: Jerome Henderson, Jr.

PROJECT LENGTH: 0.46 miles

ESTIMATED LETTING DATE: FY04

PROGRAMMING PROCESS

CONCEPT DEVELOPMENT

DURING PROJECT DEV.

PROJECT COST (Alternative 2)										
A. RIGHT-OF-WAY:										
1. PROPERTY:	R/W	0	SF@	10	/SF	ESMT	0 /SF @	0 /SF		\$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									LGPA	
C. CONSTRUCTION:										
1. MAJOR STRUCTURES: Bridges										\$924,000.00
a. TEMP BRIDGE	280 ft	X	44	ft @	\$75.00	/SF				\$924,000.00
b. RETAINING WALL	240 ft	X	32	ft @	\$30.00	/SF				\$230,400.00
SUBTOTAL:C-1									\$1,154,400.00	
2. GRADING AND DRAINAGE:										
a. EARTHWORK	25,015	CY	excav.	45,058	CY	embank @	2.5	/CY		\$175,182.50
b. DRAINAGE:										
1) Curb and Gutter										
2) Longitudinal System										
Catch Basins (0 @ \$2000/basin)										
Drop Inlets (0 @ \$2000/inlet)										
Flared End Section (14 @ \$495/FES)										\$6,930.00
Safety End Section (0 @ \$400/SES)										
MH (0 @ \$2014/MH)										
18 inch pipe (146 ft @ \$22.12/ft)										\$3,229.52
SUBTOTAL:C-2									\$185,342.02	

PROJECT COST (Alternative 2)			
3. BASE AND PAVING:			
a. AGGREGATE BASE	6,946 tons @	\$20.00 /ton	\$138,920.00
b. ASPHALT PAVING:			
Milling	1,050 yd ² @	\$4.00 /yd ²	\$4,200.00
Surface	970 tons @	\$40.00 /ton	\$38,800.00
Binder	1,290 tons @	\$45.00 /ton	\$58,050.00
Base	2,220 tons @	\$40.00 /ton	\$88,800.00
			SUBTOTAL: C-3.b
			\$189,850.00
c. CONCRETE PAVING			
d. OTHER: tack coat	880 gallon @	\$1.00 /gallon	\$880.00
			SUBTOTAL: C-3
			\$329,650.00
4. LUMP ITEMS:			
a. GRASSING	7.5 acre @	\$2,000.00 /acre	\$15,000.00
b. CLEARING AND GRUBBING			\$20,000.00
c. LANDSCAPING			\$0.00
d. EROSION CONTROL			\$100,000.00
e. TRAFFIC CONTROL			\$50,000.00
			SUBTOTAL: C-4
			\$185,000.00
5. MISCELLANEOUS:			
a. LIGHTING			
b. SIGNING - MARKING			\$500.00
c. GUARDRAIL			
T Beam	84 ft @	\$52.00 /ft	\$4,368.00
W Beam	1,000 ft @	\$13.00 /ft	\$13,000.00
TP 12 Anchor	4 @	\$1,350.00 ea	\$5,400.00
TP1 anchor	4 @	\$480.00 ea	\$1,920.00
d. SIDEWALK	0 yd ² @	\$25.75 /yd ²	\$0.00
			SUBTOTAL: C-5
			\$24,688.00
6. SPECIAL FEATURES:			
Removal of Existing Bridge & Temp Bridge			
			SUBTOTAL: C-6
			\$120,000.00

ESTIMATE SUMMARY (Alternative 2)		
A. RIGHT-OF-WAY ()		\$0.00
B. REIMBURSABLE UTILITIES		LGPA
C. CONSTRUCTION		
1. MAJOR STRUCTURES		\$1,154,400.00
2. GRADING AND DRAINAGE		\$185,342.02
3. BASE AND PAVING		\$329,650.00
4. LUMP ITEMS		\$185,000.00
5. MISCELLANEOUS		\$24,688.00
6. SPECIAL FEATURES		\$120,000.00
SUBTOTAL CONSTRUCTION COST		\$1,999,080.02
E. & C. (10%)		\$199,908.00
INFLATION : 5.00% PER YEAR		
NUMBER OF YEARS: 2		\$190,388.57
TOTAL CONSTRUCTION COST		\$2,389,376.60
GRAND TOTAL PROJECT COST		\$2,389,376.60

This Project is 44% in Walton County, 56% in Barrow County.

PRELIMINARY COST ESTIMATE: Temporary Bridge Upstream (Alternative 1)

PREPARED BY: Jerome Henderson, Jr.

PROJECT LENGTH: 0.55 miles

ESTIMATED LETTING DATE: FY04

PROGRAMMING PROCESS

CONCEPT DEVELOPMENT

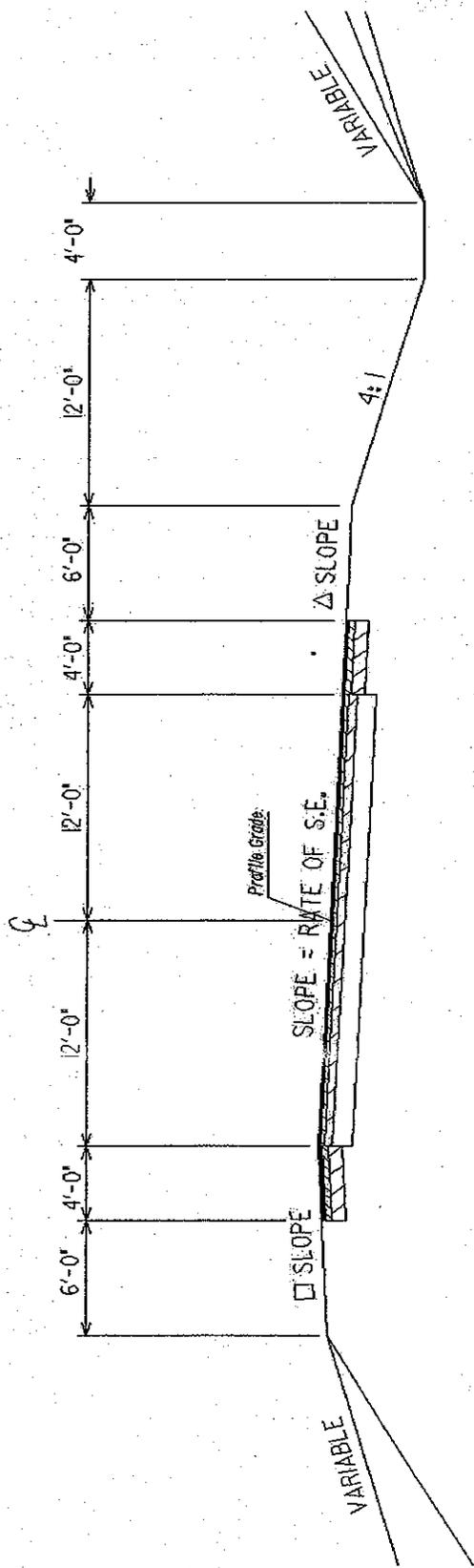
DURING PROJECT DEV.

PROJECT COST (Alternative 1)										
A. RIGHT-OF-WAY:										
1. PROPERTY:	R/W	0	SF@	10	/SF	ESMT	0 /SF @	0 /SF		\$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									LGPA	
C. CONSTRUCTION:										
1. MAJOR STRUCTURES: Bridges	280 ft	X	44	ft @	\$75.00	/SF				\$924,000.00
a. TEMP BRIDGE	220 ft	X	32	ft @	\$30.00	/SF				\$211,200.00
b. RETAINING WALL										
SUBTOTAL:C-1									\$1,135,200.00	
2. GRADING AND DRAINAGE:										
a. EARTHWORK	10,900	CY	excav.	47,552	CY	embank @	2.5	/CY		\$146,130.00
b. DRAINAGE:										
1) Curb and Gutter										
2) Longitudinal System										
Catch Basins (0 @ \$2000/basin)										
Drop Inlets (0 @ \$2000/inlet)										
Flared End Section (14 @ \$495/FES)										\$6,930.00
Safety End Section (0 @ \$400/SES)										
MH (0 @ \$2014/MH)										
18 inch pipe (146 ft @ \$22.12/ft)										\$3,229.52
SUBTOTAL:C-2									\$156,289.52	

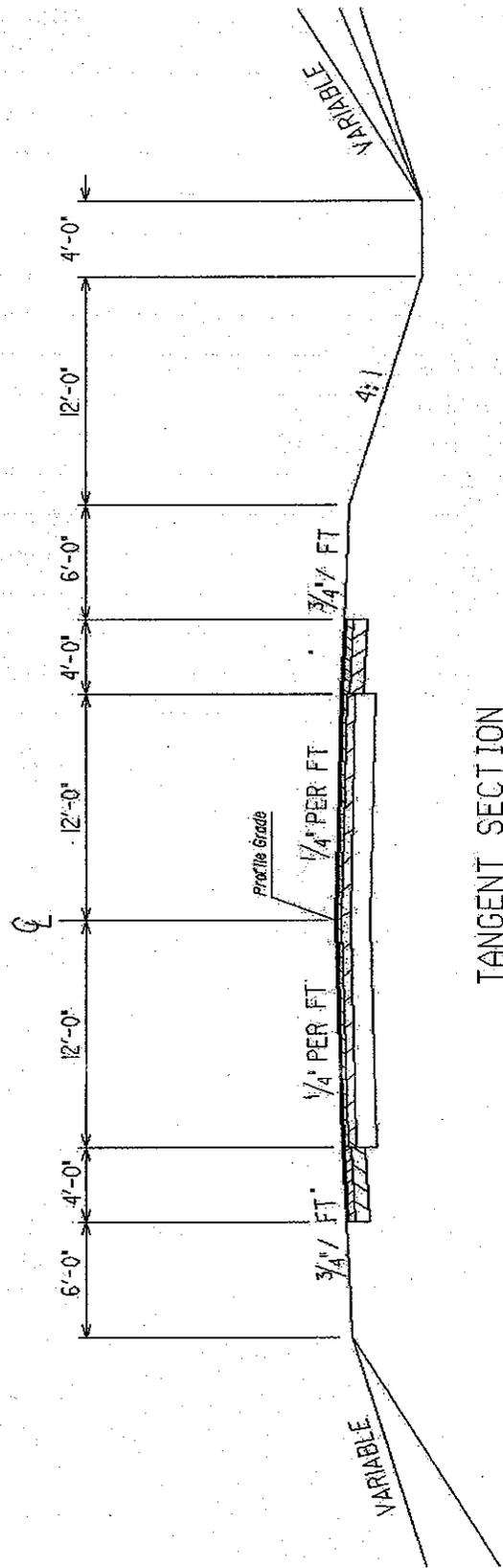
PROJECT COST (Alternative 1)				
3. BASE AND PAVING:				
a. AGGREGATE BASE	7,993	tons @	\$20.00 /ton	\$159,860.00
b. ASPHALT PAVING:				
Milling	1,050	yd ² @	\$4.00 /yd ²	\$4,200.00
Surface	1,083	tons @	\$40.00 /ton	\$43,320.00
Binder	1,443	tons @	\$45.00 /ton	\$64,935.00
Base	2,886	tons @	\$40.00 /ton	\$115,440.00
SUBTOTAL: C-3.b				\$227,895.00
c. CONCRETE PAVING				
d. OTHER: tack coat	920	gallon @	\$1.00 /gallon	\$920.00
SUBTOTAL: C-3				\$388,675.00
4. LUMP ITEMS:				
a. GRASSING	7.0	acre @	\$2,000.00 /acre	\$14,000.00
b. CLEARING AND GRUBBING				\$20,000.00
c. LANDSCAPING				\$0.00
d. EROSION CONTROL				\$100,000.00
e. TRAFFIC CONTROL				\$50,000.00
SUBTOTAL: C-4				\$184,000.00
5. MISCELLANEOUS:				
a. LIGHTING				
b. SIGNING - MARKING				\$500.00
c. GUARDRAIL				
T Beam	84	ft @	\$52.00 /ft	\$4,368.00
W Beam	1,000	ft @	\$13.00 /ft	\$13,000.00
TP 12 Anchor	4	@	\$1,350.00 ea	\$5,400.00
TP1 anchor	4	@	\$480.00 ea	\$1,920.00
d. SIDEWALK	0	yd ² @	\$25.75 /yd ²	\$0.00
SUBTOTAL: C-5				\$24,688.00
6. SPECIAL FEATURES:				
Removal of Existing Bridge and Temp Bridge				
SUBTOTAL: C-6				\$120,000.00

ESTIMATE SUMMARY (Alternative 1)		
A. RIGHT-OF-WAY ()		\$0.00
B. REIMBURSABLE UTILITIES		LGPA
C. CONSTRUCTION		
1. MAJOR STRUCTURES		\$1,135,200.00
2. GRADING AND DRAINAGE		\$156,289.52
3. BASE AND PAVING		\$388,675.00
4. LUMP ITEMS		\$184,000.00
5. MISCELLANEOUS		\$24,688.00
6. SPECIAL FEATURES		\$120,000.00
SUBTOTAL CONSTRUCTION COST		\$2,008,852.52
E. & C. (10%)		\$200,885.25
INFLATION :	5.00% PER YEAR	
NUMBER OF YEARS:	2	\$191,319.29
TOTAL CONSTRUCTION COST		\$2,401,057.06
GRAND TOTAL PROJECT COST		\$2,401,057.06

This Project is 44% in Walton County, 56% in Barrow County.



SUPERELEVATED SECTION



TANGENT SECTION

TYPICAL SECTIONS

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 297-0019-0

Walton

SUFF. RATING

47.89

Location & Geography

* Structure I.D.No: 297-0019-0

* 200 Bridge Information 06

* 6A Feature Int: APALACHEE RIVER

* 6B Critical Bridge: 0

* 7A Route Number Carried: SR00011

* 7B Facility Carried: SR 11

* 9 Location: 7.5 MIN OF MONROE

2 DOT District: 1

207 Year Photo: 2001

* 91 Inspection Frequency: 24 Date: 10/17/2001

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: 00000

* 5 Inventory Route (O/U): 1

Type: 3

Designation: 1

Number: 00011

Direction: 0

* 16 Latitude: 33-54.0 MMS Prefix: SR

* 17 Longitud 83-43.4 MMS Suffix: 00 MP: 19.70

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: 019.36

* 208 Inspection Area: 02 Initials: JTB

Engineer's Initial: WSS

* Location I.D. No.: 297-00011D-019.70N

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: 0

217 Benchmark Elevation: 0000.00

218 Datum: 1

* 19 Bypass Length: 10

* 20 Toll: 3

* 21 Maintenance: 01

* 22 Owner: 01

* 31 Design Load: 2

37 Historical Significance: 5

205 Congressional District: 11

27 Year Constructed: 1942

106 Year Reconstructed: 0000

33 Bridge Median: 0

34 Skew: 24

35 Structred Flared: 0

38 Navigation Control: 0

213 Special Steel Design: 0

267 Type of Paint: 2

* 42 Type of Service on: 1

Under: 5

214 Movable Bridge: 0

203 Type Bridge: A-O-M-O

259 Pile Encasement: 3

* 43 Structure Type Main: 3 02

45 No. Spans Main: 005

44 Structure Type Appr: 0 00

46 No. Spans Appr: 0000

226 Bridge Curve Horz: 0

111 Pier Protection: 0

107 Deck Structure Type: 1

108 Wearing Surface Type: 1

Membrane: 0

Protection: 8

225 Expansion Joint Type: 02

242 Deck Drains: 1

243 Parapet Location: 0

Height: 0.00

Width: 0.00

238 Curb: 1.20 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: 55

236 Warning Sign: 1

234 Delineator: 1

235 Hazard Boards: 1

237 Utilities Gas: 00

Water: 00

Electric: 00

Telephone: 00

Sewer: 00

247 Lighting Street: 0

Naviagtion: 0

Aerial: 0

* 248 County Continuity No.: 13

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 297-0019-0

Walton

SUFF. RATING

47.89

Programming Data

201 Project No.: FAP 148 (4) PT.3
 202 Plans Available: 0
 249 Prop. Proj. No. BRST-052-1 (15)
 250 Approval Status: 0000
 251 P.I. No.: 132981-
 252 Contract Date: 02/01/2006
 260 Seismic No.: 00000
 75 Type Work: 34 1
 94 Bridge Imp. Cost \$ 237
 95 Roadway Imp. Cos \$ 51
 96 Total Imp Cost: \$ 383
 76 Imp. Length: 000411
 97 Imp. Year: 1990
 114 Future ADT: 10800 Year: 2020

Measurements

* 29 ADT: 007200 Year: 2000
 109 % Trucks: 15
 * 28 Lanes On: 02 Under: 00
 210 No. Tracks On: 00 Under: 00
 * 48 Max. Span Length: 0040
 * 49 Structure Length: 200
 51 Br. Rwdy. Width: 23.80
 52 Deck Width: 27.80
 * 47 Tot. Horz. Cl: 23.80
 50 Curb/Sdewlk Width: 0.80/0.80
 32 Approach Rdwy Width: 029
 * 229 Shoulder Width:

Rear Lt: 2.50 Type: 2 Rt: 2.50
 Fwrd Lt: 2.50 Type: 2 Rt: 2.50

Pavement Width:

Rear: 24.00 Type: 2
 Fwrd: 24.00 Type: 2
 Intersection Rear: 1 Fwrd: 0
 36 Safety Features Br. Rail: 2
 Transition: 2
 App. G. Rail: 2
 App. Rail End: 1
 53 Minimum Cl. Over: 99' 99"
 Under: N 00' 00"

* 228 Min. Vertical Cl
 Act. Odm Dir: 99' 99"
 Oppo. Dir: 99' 99"
 Posted Odm. Dir: 00' 00"
 Oppo. Dir: 00' 00"

55 Lateral Undercl. Rt: N 99.90
 56 Lateral Undercl. Lt: 0.00
 * 10 Max Min Vert Cl: 99' 99" Dir: 0
 39 Nav Vert Cl: 000 Horz: 0000
 116 Nav Vert Cl Closed: 000

245 Deck Thickness Main: 7.00
 Deck Thick Approach: 0.00
 246 Overlay Thickness: 0.00
 212 Year Last Painted: Sup: 1989 Sub: 0000

Hydraulic Data

215 Waterway Data
 Highwater Elev.: 0000.0 Year: 1900
 Avg. Streambed Elev.: 0000.0 Freq.: 00
 Drainage Area: 00054
 Area Of Opening: 000000
 113 Scour Critical: 6
 216 Water Depth: 01.0 Br. Height: 23.0
 222 Slope Protection: 1
 221 Spur Dikes Rear: 0 Fwrd: 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-019.70N

Ratings

65 Inventory Rating Method: 2
 63 Inventory Rating Method: 2
 66 Inventory Type: 2 Rating: 24
 64 Operating Type: 2 Rating: 39
 231 Calculated Loads

H-Modified: 20 0
 HS-Modified: 25 0
 Type 3: 24 0
 Type 3s2: 40 0
 Timber: 36 0
 Piggyback: 40 0

261 H Inventory Rating: 15
 262 H Operating Rating: 24
 67 Structural Evaluation: 5
 58 Deck Condition: 6
 59 Superstructure Condition: 5
 * 227 Collision Damage: 0
 60A Substructure Condition: 6
 60B Scour Condition: 8
 60C Underwater Condition: N
 71 Waterway Adequacy: 8
 61 Channel Protection Cond: 6
 68 Deck Geometry: 2
 69 UnderCl. Horz/Vert: N
 72 Appr. Alignment: 7
 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

MEETING MINTUTES

PROJECT: SR 11 Over Apalachee Creek

SUBJECT: Concept Team Meeting
Bridge Replacement
Projects: BRST-052-1 (15)
Walton and Barrow County
P.I No. 132981

DATE: July 10, 2003

TO: Attendees (list follows minutes)

Minutes by: Jerome Henderson, Jr. (Please notify immediately with any errors or omissions)

PURPOSE:

A concept meeting was held at the Gainesville-District 1 Area Office at 9:30AM on July 10, 2003. Members from GDOT, Barrow County 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 Apalachee River.

GENERAL COMMENTS:

Confirm if all the Harris property will be deemed historical property. (Todd Long)

Consider moving alignment to the east of current alignment, if the west side is deemed historical property. (Todd Long)

Possible public involvement due to historical property. (Michelle Hart)

Possibility of 2 displacements if the alignment remains to the west side. (Rick Ford)

Tighten alignment to a 60' offset from existing centerline (possibly by shoring) to possibly eliminate displacements. (Ted Cashin)

Consider constructing temporary bridge higher than existing condition and replacement bridge higher than temporary bridge to possible eliminating displacements. (Ted Cashin)

Request alternative right of way estimates from GDOT. (Ted Cashin)

Consider a 35 mph design speed for temporary detour bridge. (Ted Cashin)

Consider a left turn lane on Emmet Doster Road. (Russell McMurry)

ATTENDEES

CONCEPT TEAM MEETING- July 10, 2003

Kevin Hosey	URS	404-478-8639	Kevin.Hosey@urscorp.com
Sean Pharr	URS	404-478-8641	Sean.Pharr@urscorp.com
Jerome Henderson, Jr.	URS	404-478-8730	Jerome.Henderson@ursorp.com
Rick Ford	GDOT-Right of Way Consultant	770-562-2793	ricklynn@bellsouth.net
Eddie Elder	Chairman – Barrow Co.	770-307-3010	
Larry Price	Chief Administrator – Barrow Co.	770-307-3113	
Todd Long	GDOT-Assist. District Engineer/Preconstruction Engineer	770-532-5520	Todd.Long@dot.state.ga.us
Robby Oliver	GDOT-Utilities	770-532-5510	Robby.Oliver@dot.state.ga.us
Tom Davis	GDOT-Utilities	770-532-5510	Thomas.Davis@dot.state.ga.us
Shane Dover	GDOT-Traffic Operations	770-532-5532	Shane.Dover@dot.state.ga.us
Russell McMurry	GDOT-District Construction Engineer	770-532-5528	Russell.McMurry@dot.state.ga.us
Harold Mull	GDOT- Lawrenceville	770-339-2308	Harold.Mull@dot.state.ga.us
Michele Hart	FHWA	404-562-3634	
Ted Cashin	GDOT- Office of Consultant Design	404-463-6135	Ted.Cashin@dot.state.ga.us

NOTICE OF LOCATION AND DESIGN APPROVAL

**BRST-0052-1(15) WALTON & BARROW COUNTY
P. I. No. 132981**

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 11, 2004

This project is a 0.57-mile replacement of SR 11/ Winder-Monroe Hwy bridge over Apalachee River, north of Monroe, Georgia. A new bridge over the river will be constructed to replace the currently deficient one. The project lies 56% within Barrow County and 44% within Walton County within Land District 3 and Land Lots 149 and 150.

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.

**Randy Davis, Area Engineer
Department Of Transportation
Barrow Area Office
412 Hurricane Shoals Rd
Lawrenceville, GA 30043
(770) 339-2308**

**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(15),Walton County
P.I.# 132981

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 @ Apalachee River 7.5 mi N of Monroe in Walton County.

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

2026 ADT = 16,500
2006 ADT = 9,000
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 AT APALACHEE RIVER

Project Number: BRST-052-1(15)
P.I. NO. 132981
County: Walton, Barrow

FEDERAL ROUTE NO: N/A
STATE ROUTE NO: 11

Prepared by:

DATE _____

Project Manager

DATE _____

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

1/3/04

DATE

Paul V. Tates Jr.

State Bridge & Structural Design Engineer

DATE

District Engineer

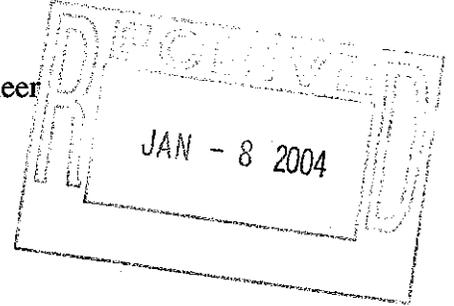
Department of Transportation
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE

File: BRST-052-1(15), Walton County
P.I. No.: 132981

Office: Traffic Safety & Design
Atlanta, Georgia
Date: December 19, 2003

From: ^{PMA/sz} 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 the Apalachee River 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 AT APALACHEE RIVER

Project Number: BRST-052-1(15)
P.I. NO. 132981
County: Walton, Barrow

FEDERAL ROUTE NO: N/A
STATE ROUTE NO: 11

Prepared by:

DATE 12-5-03

DATE 12-8-03

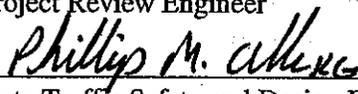


Project Manager



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
<u>12-22-03</u>	
DATE _____	State Traffic Safety and Design Engineer
DATE _____	State Bridge & Structural Design Engineer
DATE _____	District Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

SR/11 AT APALACHEE RIVER

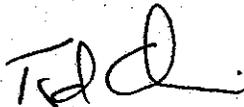
Project Number: BRST-052-1(15)
P.I. NO. 132981
County: Walton, Barrow

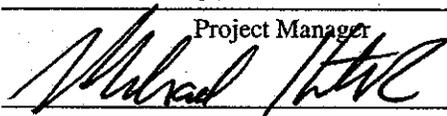
FEDERAL ROUTE NO: N/A
STATE ROUTE NO: 11

Prepared by:

DATE 12-5-03

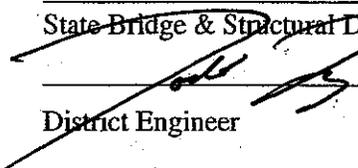
DATE 12-8-03



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
<u>12/31/03</u>	
DATE _____	District Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

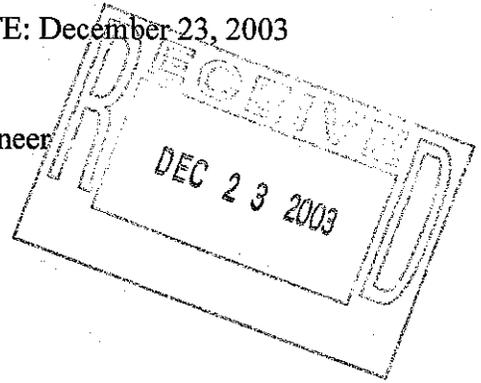
FILE: P.I. # 132981

OFFICE: Environment/Location

DATE: December 23, 2003


FROM: Harvey D. Keeper, State Environmental/Location Engineer

TO: Meg Pirkle, Assistant Director of Preconstruction



**SUBJECT: PROJECT CONCEPT REPORT
BRST-052-1(15)/Walton County
SR 11 @ Apalachee River 7.5 mi North of Monroe**

The above subject concept report has been reviewed. The report indicates that an EA is anticipated but the schedule reflects that the Environmental process will be completed in 9 months. The time seems to be more consistent with a Categorical Exclusion and this should be the anticipated level of document.

If you have any questions please contact me at (404) 699-4401.

HDK/sdw

Attachment

cc: David Mulling, P.E.
Brent Story

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

SR/11 AT APALACHEE RIVER

Project Number: BRST-052-1(15)
P.I. NO. 132981
County: Walton, Barrow

FEDERAL ROUTE NO: N/A
STATE ROUTE NO: 11

Prepared by:

DATE _____

Project Manager

DATE _____

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

12.19.03

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

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

SR/11 AT APALACHEE RIVER

Project Number: BRST-052-1(15)

P.I. NO. 132981

County: Walton, Barrow

FEDERAL ROUTE NO: N/A

STATE ROUTE NO: 11

Prepared by:

DATE _____

Project Manager

DATE _____

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

12/17/03

DATE

State Transportation Planning Administrator

[Signature]

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

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

SR/11 AT APALACHEE RIVER

Project Number: BRST-052-1(15)

P.I. NO. 132981

County: Walton, Barrow

FEDERAL ROUTE NO: N/A

STATE ROUTE NO: 11

Prepared by: _____

DATE _____

Project Manager

DATE _____

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

12-9-03

DATE

David J. Mallory

Project Review Engineer

DATE

State Traffic Safety and Design Engineer

DATE

State Bridge & Structural Design Engineer

DATE

District Engineer