

D.O.T. 66

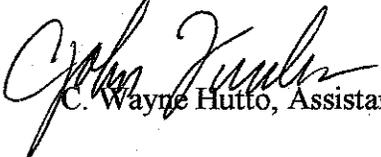
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-1220(7) Berrien County
P. I. No. 442920

OFFICE Preconstruction

DATE July 15, 2002

FROM  C. Wayne Hutto, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

CWH/cj

Attachment

DISTRIBUTION:

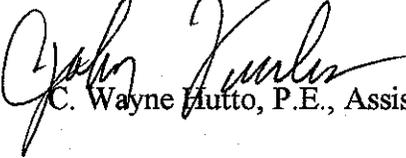
David Mulling
Harvey Keepler
Jerry Hobbs
Herman Griffin
Michael Henry
Phillip Allen
Marta Rosen
Paul Liles
Ben Buchan
David Crim
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-1220(7) Berrien County **OFFICE** Preconstruction
P.I. No. 442920

DATE July 1, 2002

FROM  C. Wayne Hutto, P.E., Assistant Director of Preconstruction

TO Frank L. Danchetz, P.E., Chief Engineer

SUBJECT PROJECT CONCEPT REPORT

This project is the replacement of two narrow and structurally deficient bridges on SR 64/168 over Alapaha River and Overflow, 11.0 miles southeast of Nashville, Georgia. The existing bridges, constructed in 1955, are 24' wide with sufficiency ratings of 49 and 6. The existing approaches consist of a two lane roadway with rural shoulders on a variable 100'-200' of existing right-of-way. The base year traffic (2006) along this section of SR 64/168 is 800 VPD and the 20 year (2026) or design year projected volume is 1,150 VPD. The posted speed and the design speed are 55 MPH.

The construction proposes to construct new 420' x 38' and 200' x 38' concrete bridges over the Alapaha River and Overflow at the existing bridge sites. The approaches will consist of two, 12' lanes with 10' rural shoulders (2' paved). The existing roadway between the two structures (1,700±) will be overlaid, with widening and improvements to the existing shoulders. Traffic will be maintained during construction utilizing an on-site detour.

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.

It is recommended that project BRST-1220(10), P.I. No. 442921, be combined with project BRST-1220(7). The new project will be BRST-1220(7), P.I. No. 442920, and include the Alapaha River and Overflow bridges. Additionally, split funding will be required to cover the additional roadway work as outlined in the report.

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG DATE</u>	<u>LET DATE</u>
	<u>BRST/STP</u>			
Construction (includes E&C and inflation)	\$3,842,000/ \$274,000	\$2,424,000	2004	03-07
Right-of-Way	\$ 40,000	\$ 20,000		
Utilities*	LGPA	LGPA		

Frank L. Danchetz

Page 2

BRST-1220(7) Berrien

July 1, 2002

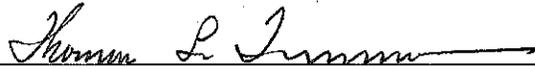
*Berrien and Lanier counties signed LGPA for utilities 4-12-99 and 8-11-99.

These projects are in the STIP. I recommend this project concept be approved and the project description be revised to reflect the project described herein.

CWH:JDQ/cj

Attachment

CONCUR



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

APPROVE



Frank L. Danchetz, P.E., Chief Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE

FILE: BRST-1220(7) Berrien
P.I. Number 442920

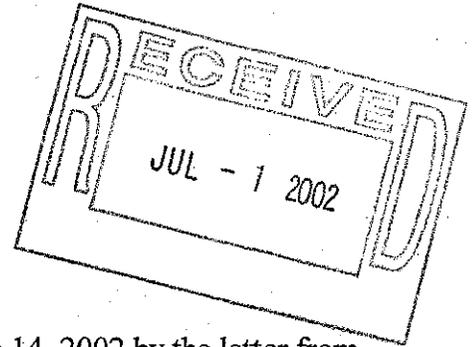
OFFICE: Engineering Services

DATE: June 28, 2002

FROM: David Mulling, Project Review Engineer *RMW*

TO: Wayne Hutto, Assistant Director of Pre-construction

SUBJECT: CONCEPT REPORT



We have reviewed the concept report submitted June 14, 2002 by the letter from Ben Buchan dated June 13, 2002, and have no additional comments.

The costs for the project are:

Construction	\$3,359,600
Inflation	\$344,400
E&C	\$370,400
Reimbursable Utilities	\$0
Right of Way	\$40,000

DTM/REW

c: Ben Buchan, Attn: Ted Cashin

SCORING RESULTS AS PER MOG 2440-2

Project Number: BRST-1220(7)		County: Berrien		PI No.: 442920	
Report Date: June 13, 2002		Concept By: DOT Office: Office of Consultant Design			
<input checked="" type="checkbox"/> Concept Stage		Consultant: PBS&J			
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	100				
Judgement	100				
Environmental	100				
Right of Way	100				
Utility	100				
Constructability	100				
Schedule	100				

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

Project Number: BRST-1220(7)
County: Berrien/Lanier
P. I. Number: 442920

Project Concept Report

Federal Route Number: S-01220
State Route Number: 64/168

Bridge Replacement: SR 64/SR 168 over Alapaha River and Overflow

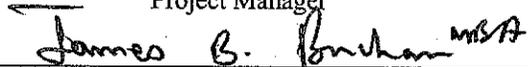
Recommended for approval:

DATE: 6-13-02

DATE: 6-13-02



Project Manager



State Consultant Design Engineer

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

DATE: _____

State Transportation Planning Administrator

DATE: _____

State Environment/Location Engineer

DATE: _____

Office of Financial Planning Administrator

DATE: _____

State Traffic Safety & Design Engineer

DATE: _____

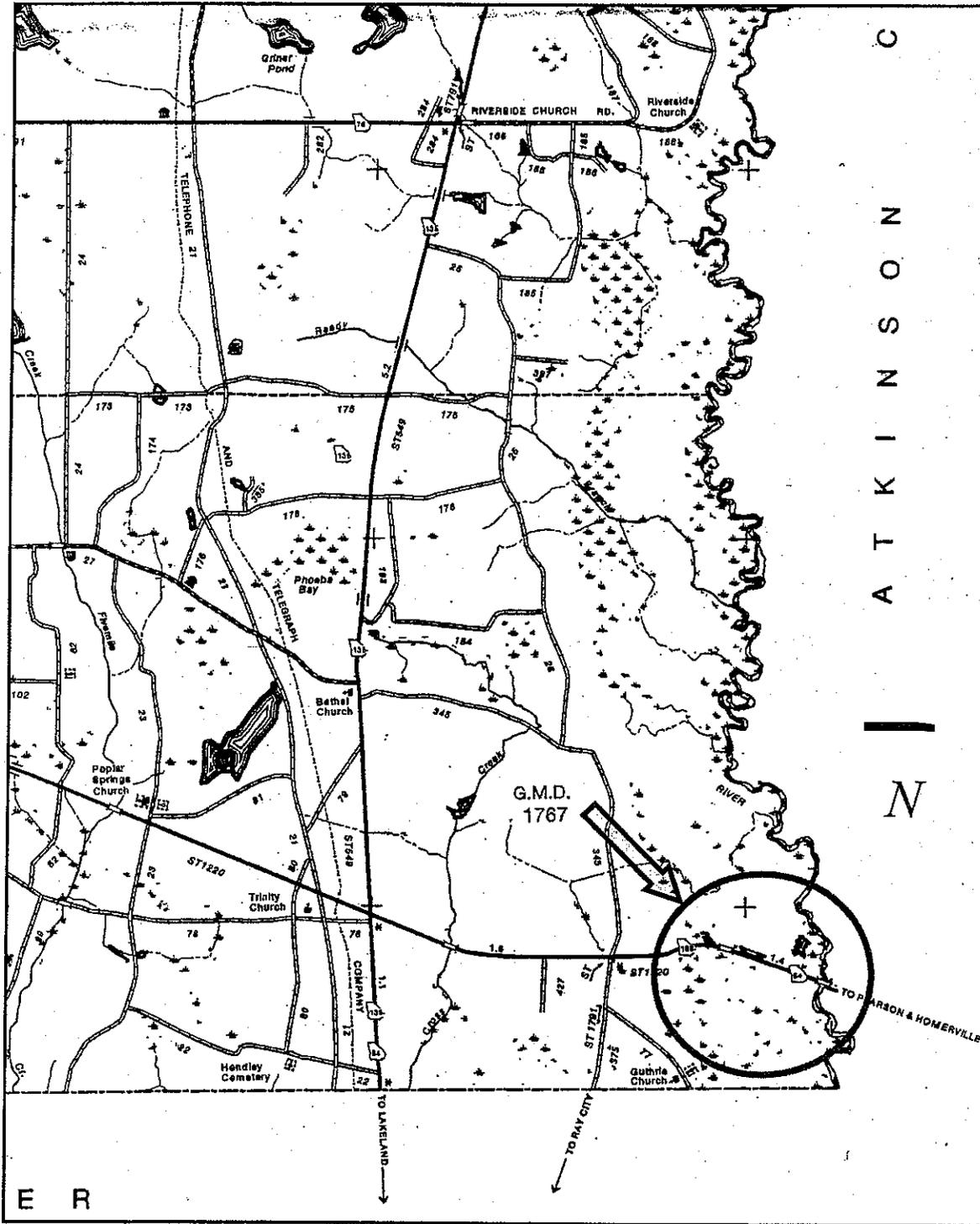
District Engineer

DATE: _____

Project Review Engineer

DATE: _____

State Bridge & Structural Design Engineer



Scale: 1 inch = 1 mile

Location Map

Project: BRST-1220(7) Berrien County PI No.: 442920-
Description: SR 64 and SR 168 over Alapaha River and Overflow

Project Concept Report Page: 3
Project Number: BRST-1220(7)
P. I. Number: 442920
County: Berrien/Lanier

Need and Purpose:

This project will replace the bridge on SR 64/168 over the Alapaha River overflow and over the Alapaha River. The Alapaha River overflow bridge was built in 1955. The bridge has a structural condition appraisal of 2 and a sufficiency rating of 6.0. Section 2405-1 of the Manual of Guidance requires that any structure with a sufficiency rating less than 50 and a structural condition code 2 or less should be replaced rather than improved.

The bridge on SR 64/168 over the Alapaha River was built in 1955. The bridge has a structural condition appraisal of 2 and a sufficiency rating of 49.7. Section 2405-1 of the Manual of Guidance requires that any structure with a sufficiency rating less than 50 and a structural condition code 2 or less should be replaced rather than improved.

This state route is classified as a rural major collector and is not part of the Statewide Bicycle and Pedestrian Plan or any locally adopted plan. The Average Daily Traffic (ADT) along this two-lane road was 700 in 2001, which represents a Level of Service "A". The ADT is expected to reach 1150 by 2026, which also represents a Level of Service "A". Current truck traffic accounts for 8% of the ADT.

Land use along this road is mainly agricultural, with some dispersed residences. The immediate area surrounding the bridge is marshland. According to the 2000 census data, 19.5% of the population of Berrien County lives below the poverty level. This county also has a 14.5% minority population.

Description of the project:

This project will replace the structurally deficient bridge on SR 64/168 over the Alapaha River and Overflow with a new reinforced concrete bridge. This project is located in Berrien and Lanier Counties, at the county line in the 10th Land District, Land Lot Nos. 258, 259, 294 and 295, and Ga. Militia Districts 586 and 1767. The proposed project will be approximately 1.08 miles in length.

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

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

Functional Classification: Rural Major Collector

U. S. Route Number(s): S-01220 State Route Number(s): 64/168

Traffic (AADT):
Current Year: (2006) 800 Design Year: (2026) 1150

Project Concept Report Page: 4
Project Number: BRST-1220(7)
P. I. Number: 442920
County: Berrien/Lanier

Existing Design Features:

- Typical Section: Two lane rural section with 12-foot travel lanes, shoulders and side ditches.
- Posted Speed 55 mph Maximum degree curvature 3°30'
- Maximum Grade: 1.4 %
- Width of right of way: 100-200 ft.
- Major structures: 150' x 24' Bridge at Alapaha River Overflow, 375' x 24' bridge at Alapaha River
- Major interchanges or intersections along the project: None
- Existing length of roadway segment and the beginning mile logs for each county segment. Project begins at ML 12.49 and extends east approximately 1.08 miles to ML 13.57.

Proposed Design Features:

- Proposed typical section(s): Two 12-foot travel lanes with 10-foot shoulders (2 feet paved) and rural side ditch sections.
- Proposed Design Speed Mainline 55 mph
- Proposed Maximum grade Mainline 1.4 % Maximum grade allowable 5.5 %
- Proposed Maximum grade Side Street N/A Maximum grade allowable 6 %
- Proposed Maximum grade driveway 10 %
- Proposed Maximum degree of curve 3°30'00" Maximum degree allowable 6°00'00"
- Right off way
 - ⇒ Width 100-200 ft.
 - ⇒ Easements: Temporary , Permanent , Utility , Others
 - ⇒ Type of access control: Full , Partial , By Permit , Others
 - ⇒ Number of parcels 5 Number of displacements:
 - ⇒ Business: 0
 - ⇒ Residents: 0
 - ⇒ Mobile homes: 0
 - ⇒ Others: 0
- Structures:
 - ⇒ Bridges: 200' x 38' Concrete Bridge (Alapaha River O/F)
420' x 38' Concrete Bridge (Alapaha River)
 - ⇒ Retaining walls: None
- Major intersections and interchanges: None
- Traffic control during construction: Temporary detour bridges and runaround parallel to existing alignment. Detour to be 35 mph design with 12-foot travel lanes and 6-foot graded shoulders.

Project Concept Report Page: 5
 Project Number: BRST-1220(7)
 P. I. Number: 442920
 County: Berrien/Lanier

• Design Exceptions to controlling criteria anticipated:

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

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

Project responsibilities:

- ⇒ Design, GDOT
- ⇒ Right of Way Acquisition, Berrien & Lanier Cos.
- ⇒ Relocation of Utilities, Berrien & Lanier Cos.
- ⇒ Letting to contract, GDOT
- ⇒ Supervision of construction, GDOT
- ⇒ Providing material pits, n/a
- ⇒ Providing on-site detours, GDOT

Coordination:

- Concept Meeting Date April 30, 2002
- P. A. R. Meeting Date None
- Public involvement: None
- Local government commitments: LGPA (utilities) signed by Berrien County on August 23 , 1999.
LPGA (utilities) signed by Lanier County on August 11, 1999.
- Other projects in area: BRST-1220(7), P.I. No. 442920, SR 64/168 over Alapaha River and Overflow; BRST-1220(8), P.I. No. 442925, SR 168 over Ten Mile Creek; BRST-1220(9), P.I. No. 442930, SR 168 over Five Mile Creek

Project Concept Report Page: 6
Project Number: BRST-1220(7)
P. I. Number: 442920
County: Berrien/Lanier

- Other coordination to date: None
- Railroads: None

Scheduling – Responsible Parties' Estimate

- Time to complete environmental process: 12 Months.
- Time to complete preliminary construction plans: 3 Months.
- Time to complete right of way plans: 3 Months.
- Time to complete the Section 404 Permit: 12 Months.
- Time to complete final construction plans: 4 Months.
- Time to complete to purchase right of way: 9 Months.
- List other major items that will affect the project schedule: None.

Selected Alternate:

Replace the Alapaha River Overflow bridge with an approximate 200 ft. long X 38 ft. wide bridge. This bridge will be constructed on the existing bridge alignment, with an on-site detour constructed 60 ft. to the north (upstream) of the existing bridge.

The existing bridge over the Alapaha River will be replaced with an approximate 560 ft. long X 38 ft. wide bridge. This bridge will be constructed on the existing bridge alignment, with an on-site detour constructed 60 ft. to the south (downstream) of the existing bridge.

Approximately 1,700 ft. of roadway remains between the two proposed bridge detours. This section of roadway will be overlaid, with widening and improvements to the existing shoulders.

Other alternates considered:

- 1) Replace the existing Alapaha River Overflow bridge with an approximate 200 ft. X 38 ft. bridge at existing location with on-site detour to the north or south of existing alignment. Replace the existing Alapaha River bridge with an approximate 560 ft. X 38 ft. bridge at existing location with on-site detour to the north or south of existing alignment.
- 2) New alignment with a 200 ft. X 38 ft. bridge for the Alapaha River Overflow bridge to the south of the existing bridge, using the existing bridge as the detour. Replace the existing Alapaha River bridge with an approximate 560 ft. X 38 ft. bridge at existing location with on-site detour to the north or south of existing alignment. This alternative was eliminated because it extended the project limits by about 1,400 feet, would require over 10 acres of additional forested R/W, and the area in the vicinity of the overflow bridge is very likely to be in a wetland.
- 3) Replace existing bridges on existing alignment with off-site detour. Alternative eliminated because no feasible off-site detour exists.
- 4) Replace existing bridges on existing alignment with stage construction. Alternative eliminated due to cost, constructability, time of construction, and undesirable permanent alignment shifts.
- 5) No Build

Comments: Improvements to the segment of roadway between the proposed detours for the Alapaha River Overflow bridge and the Alapaha River bridge will be paid for under separate STP funding.

12 June, 2002

State of Georgia

Department of Transportation

Project Concept Report Page: 7

Project Number: BRST-1220(7)

P. I. Number: 442920

County: Berrien/Lanier

Attachments:

1. Cost Estimates:
 - a) Construction including E&C,
 - b) Right of Way, and
 - c) Utilities.
2. Sketch location map
3. Typical Sections
4. Bridge inventory
5. Minutes of Concept Team Meeting
6. LGPA's
7. Notice of Location and Design Approval
8. Traffic Data

12 June, 2002

State of Georgia
Department of Transportation

Project Number: BRST-1220(7)
P. I. Number: 442920
County: Berrien/Lanier

NOTICE OF LOCATION AND DESIGN APPROVAL

Project Nos. BRST-1220(7) - Berrien County/Lanier County
P.I. Number 442920

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

The date of location approval is JULY 15, 2002.

The project consists of improvements of SR 64/168 over the Alapaha River Overflow and the Alapaha River, located in Berrien and Lanier County, 10th district, Land Lots 258, 259, 294, 295.

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

Keith Carver
Keith.carver@dot.state.ga.us
1835 S. Peterson Avenue
Douglas, Georgia 31535
(912) 389-4201

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:

James B. Buchan, P.E.
State Consultant Design Engineer
Ben.buchan@dot.state.ga.us
No. 2 Capitol Square, SW
Atlanta, Georgia 30334
(404) 463-6132

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

12 June, 2002

State of Georgia
Department of Transportation

Project Number: BRST-1220(7)
P. I. Number: 442920
County: Berrien/Lanier

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: BRST-1220(7)

COUNTY: Berrien/Lanier

DATE: March 28, 2002

ESTIMATED LETTING DATE:

PREPARED BY: PBS&J

PROJECT LENGTH: 1.08 miles

PROGRAMMING
PROCESS

CONCEPT
DEVELOPMENT

DURING PROJECT
DEVELOPMENT

PROJECT COST	
A. RIGHT-OF-WAY: (LGPA)	
1. PROPERTY (LAND & EASEMENT)	\$20,000
2. DISPLACEMENTS; RES:0, BUS:0, M.H.:0	\$0
3. OTHER COST (ADM./COST, INFLATION)	\$20,000
SUBTOTAL A:	\$40,000
B. REIMBURSABLE UTILITIES: (LGPA)	
1. RAILROAD	\$0
2. TRANSMISSION LINES	\$0
3. SERVICES	\$0
SUBTOTAL B:	\$0
CONSTRUCTION	
C. MAJOR STRUCTURES:	
1. RETAINING WALLS	\$0
2. BRIDGES	
a. BRIDGE OVER ALAPAHA RIVER OVERFLOW (200' X 38')	\$342,000
b. BRIDGE OVER ALAPAHA RIVER (560' X 38')	\$957,600
SUBTOTAL C-2:	\$1,299,600
3. EXTEND EXISTING CULVERTS	\$0
SUBTOTAL C:	\$1,299,600
D. GRADING AND DRAINAGE	

Project Number: BRST-1220(7)

P. I. Number: 442920

County: Berrien/Lanier

1. EARTHWORK		
a. BORROW: (59,000 cu.yd. @ \$6.00)		\$354,000
b. EXCAVATION: (4,350 cu.yd. @ \$4.00)		\$17,400
	SUBTOTAL D-1:	\$371,400
2. DRAINAGE		
a. SLOPE DRAIN PIPE (160 ft of 15 in @ \$20)		\$3,200
b. SPILLWAY TYPE 1: (8 each @ \$1150)		\$9,200
	SUBTOTAL D-2:	\$12,400
	SUBTOTAL D:	\$383,800
E. BASE AND PAVING		
1. AGGREGATE BASE (1,900 sq. yd. of 8" @ \$8)		\$15,200
2. SURFACE AGGREGATE (100 tons @ \$15)		\$1,500
3. ASPHALT PAVING		
a. Surface (870 tons @ \$35)		\$30,500
b. Binder (210 tons @ \$40)		\$8,400
c. Base (420 tons @ \$42)		\$17,700
d. Leveling (620 tons @ \$36)		\$22,300
e. Tack Coat (700 gals @ \$1)		\$700
	SUBTOTAL E-3:	\$79,600
4. CONCRETE PAVING - Approach Slabs (550 sq yd @ \$90)		\$49,500
	SUBTOTAL E:	\$145,800
F. LUMP ITEMS		
1. TRAFFIC CONTROL		\$25,000
2. CLEARING AND GRUBBING		\$25,000
3. GRASSING		\$10,000
4. EROSION CONTROL		\$10,000
5. TEMP. EROSION CONTROL		\$25,000
6. REMOVE EXISTING BRIDGE OVER ALAPAHA RIVER OVERFLOW		\$155,800
7. REMOVE EXISTING BRIDGE OVER ALAPAHA RIVER		\$327,200
	SUBTOTAL F:	\$578,000

Project Number: BRST-1220(7)

P. I. Number: 442920

County: Berrien/Lanier

G. MISCELLANEOUS		
1. SIGNING		
a. SIGNS		\$1,000
b. POSTS		\$500
SUBTOTAL G-1:		\$1,500
2. STRIPING		
a. 5 IN WHITE SOLID (10,000 FT @ \$0.10)		\$1,000
b. 5 IN YELLOW SOLID (10,000 FT @ \$0.10)		\$1,000
SUBTOTAL G-2:		\$2,000
3. GUARDRAIL		
a. TYPE W (2000 FT @ \$12)		\$24,000
b. TYPE T (168 FT @ \$35)		\$5,900
c. TYPE 12 ANCHORS (4 @ \$1600)		\$6,400
d. TYPE 1 ANCHORS (4 @ \$450)		\$1,800
SUBTOTAL G-3:		\$38,100
SUBTOTAL G:		\$41,600
H. DETOUR		
1. DETOUR BRIDGE – ALAPAHA RIVER OVERFLOW (100'X 24')		\$37,200
2. DETOUR BRIDGE – ALAPAHA RIVER (200' X 24')		\$74,400
3. EARTHWORK		
a. BORROW (72,000 CY @ \$6)		\$432,000
b. EXCAVATION (5,400 CY @ \$4)		\$21,600
SUBTOTAL H-3:		\$453,600
4. BASE AND PAVING		
a. AGGREGATE BASE (8,900 SY of 8" @ \$8)		\$71,200
b. ASPHALT PAVING		
1. SURFACE (740 TONS @ \$35)		\$25,900
2. BINDER (980 TONS @ \$40)		\$39,200
c. TACK COAT (500 GAL @ \$1)		\$500
SUBTOTAL H-4:		\$136,800
SUB-TOTAL H:		\$702,000

12 June, 2002

State of Georgia
Department of Transportation

Project Number: BRST-1220(7)
P. I. Number: 442920
County: Berrien/Lanier

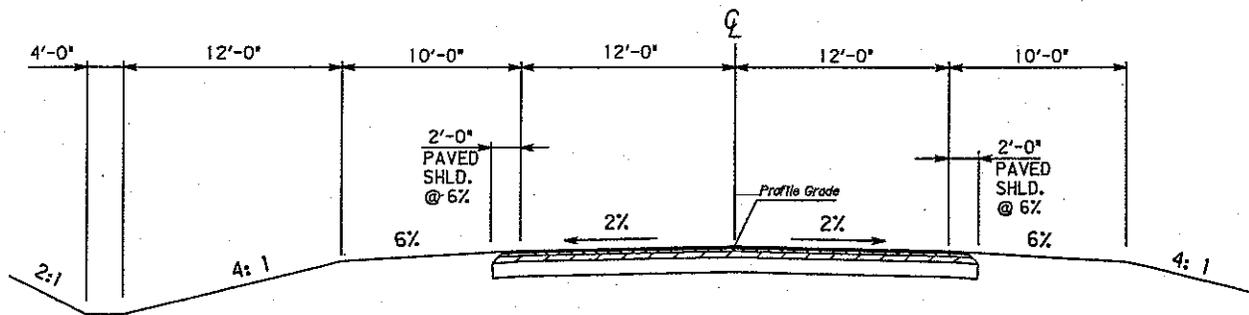
I. STP FUNDED GRADING AND PAVING	
1. EARTHWORK	
a. BORROW: (26,000 cu. yd. @ \$6.00)	\$156,000
b. EXCAVATION: (1,950 cu. yd. @ \$4.00)	\$7,800
SUBTOTAL I-1:	\$163,800
2. AGGREGATE BASE (760 sq. yd. of 8" @ \$8)	
3. SURFACE AGGREGATE (100 tons @ \$15)	
4. ASPHALT PAVING	
a. SURFACE (440 tons @ \$35)	\$15,400
b. BINDER (85 tons @ \$40)	\$3,400
c. BASE (170 tons @ \$42)	\$7,100
d. LEVELING (310 tons @ \$36)	\$11,200
e. TACK COAT (300 gals @ \$1)	\$300
SUBTOTAL I-4:	\$37,400
SUB-TOTAL I:	\$208,800

12 June, 2002

State of Georgia
Department of Transportation

Project Number: BRST-1220(7)
P. I. Number: 442920
County: Berrien/Lanier

ESTIMATE SUMMARY	
A. RIGHT-OF-WAY	\$40,000
B. REIMBURSABLE UTILITIES	\$0
CONSTRUCTION	
C. MAJOR STRUCTURES	\$1,299,600
D. GRADING AND DRAINAGE	\$383,800
E. BASE AND PAVING	\$145,800
F. LUMP ITEMS	\$578,000
G. MISCELLANEOUS	\$41,600
H. DETOUR	\$702,000
I. STP FUNDED GRADING AND PAVING	\$208,800
SUBTOTAL CONSTRUCTION COST	\$3,359,600
INFLATION (5% PER YEAR)	\$344,400
NUMBER OF YEARS	2
E. & C. (10%)	\$370,400
TOTAL CONSTRUCTION COST	\$4,074,400
GRAND TOTAL PROJECT COST	\$4,114,400
GRAND TOTAL BR PROJECT COST	\$3,841,200
GRAND TOTAL STP PROJECT COST	\$273,200



TYPICAL SECTION

**SR 64/68 OVER
ALAPAHA RIVER AND O/F
PROJECT NO. BRST-1220(7)
P.I. NO. 442920
BERRIEN CO. LANIER CO.**

Structure ID: 019-0017-0

Location & Geography

* Structure I.D. No.: 019-0017-0
 * 200 Bridge Information: 06
 * 6A Feature Int.: ALAPAHA RIVER OVERFLOW
 * 6B Critical Bridge: 0
 * 7A Route Number Carried: SR00064
 * 7B Facility Carried: SR 64- SR 168
 * 9 Location: APP 11 MISE OF NASHVILLE
 2 DOT District: 4
 207 Year Photo: 1998

* 91 Inspection Frequency: 24 Date: 06/16/2000
 92A Fract Crit Insp Freq: 0 00 Date: 0000
 92B Underwater Insp Freq: 0 00 Date: 0000
 92C Other Spc. Insp Freq: 0 00 Date: 0000

* 4 Place Code: 00000

* 5 Inventory Route (O/U): 1
 Type: 3
 Designator: 1
 Number: 00064
 Direction: 0

* 16 Latitude: 31-09.6
 * 17 Longitude: 83 -03.0

98 Border Bridge: 000 %Shared: 00
 99 ID Number: 0000000000000000

* 100 Defense Highway: 0
 * 101 Parallel Structure: N
 * 102 Direction of Traffic: 2
 264 Road Inventory Mile Post: 012.76

* 208 Inspection Area: 04 Initials: RAC

* Location I.D. No: 019-00064D-012.76E
 * XReferen I.D. No: 000-000000-000.000

Berrien County

Signs & Attachments

* 104 Highway System: 0
 * 26 Functional Classification: 07
 * 204 Federal Route Type: S No: 01220
 * 110 Truck Route: 0
 206 School Bus Route: 0
 217 Benchmark Elevation: 155.53
 218 Datum: 3
 * 19 Bypass Length: 15
 * 20 Toll: 3
 * 21 Maintenance: 01
 * 22 Owner: 01
 * 31 Design Load: 2
 37 Historical Significance: 5
 205 Congressional District: 08
 * 27 Year Constructed: 1955
 106 Year Reconstructed: 0000
 33 Bridge Median: 0
 34 Skew: 00
 35 Structure Flared: 0
 38 Navigation Control: 0
 213 Special Steel Design: 0
 267 Type of Paint: 0
 * 42 Type Service On: 1 Under: 9
 214 Movable Bridge: 00
 203 Type Bridge: C-K-A-O
 259 Pile Encasement: 3
 * 43 Structure Type Main: 1 01
 45 No. Spans Main: 010
 44 Structure Type Appr: 0 0
 46 No. Spans Appr: 0000
 226 Bridge Curve Horz: 0 Vert: 0
 111 Pier Protection: 0
 107 Deck Structure Type: 2
 108 Wearing Surface Type: 6
 Membrane: 0
 Protection: 0

223 Expansion Joint Type: 02
 242 Deck Drains: 1
 243 Parapet Location: 0
 Height: 0
 Width: 0
 238 Curb: 1.2 1
 239 Handrail: 7 7
 * 240 Median Barrier Rail: 0
 241 Bridge Median Height: 0
 Width: 0
 * 230 Guardrail Loc Dir Rear: 6
 Fwrd: 6
 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
 Navigation: 0
 Aerial: 0
 * 248 County Continuity No: 00

BRIDGE INVENTORY DATA LISTING

Structure ID: 019-0017-0

Programming Data

201 Project No: BA (3) 1136 (8)
 202 Plans Available: 1
 249 Prop. Proj No: BRST-1220 (7)
 250 Approval Status: 0000
 251 P.I. No: 442920
 252 Contract Date: 02/01/2002
 260 Seismic No: 00000
 75 Type Work: 31 1
 94 Bridge Imp. Cost: \$ 164
 95 Roadway Imp. Cost: \$ 65
 96 Total Imp. Cost: \$ 277
 76 Imp. Length: 000361
 97 Imp. Year: 1990
 114 Future ADT: 2100 Year: 2019

Hydraulic Data

215 Waterway Data
 Highwater Elev: 0142.8 Year: 1973
 Flood Elev: 0000.0 Freq: 00
 Avg. Streambed Elev: 0140.3
 Drainage Area: 00000
 Area of Opening: 001620
 113 Scour Critical: 6
 216 Water Depth: 00.0 Br Height: 14.0
 222 Slope Protection: 5
 221 Spur Dikes Rear: 0 Fwd: 0
 219 Fender System: 0
 220 Dolphin: 0
 223 Culvert Cover: 000
 Type: 1
 No Barrels: 0
 Width: 0.0
 Height: 0.0
 Length: 0
 Apron: 0
 * 265 U/W Insp. Area: 0 Diver: ZZZ

* Location I.D. No: 019-00064D-012.76E
 * XReferen I.D. No: 000-000000-000.000

Ratings

66 Inventory Type: 2 Rating: 07
 64 Operating Type: 2 Rating: 10
 231 Calculated Loads
 H-Modified: 20 0
 HS-Modified: 25 0
 Type 3: 26 0
 Type 3s2: 40 0
 Timber: 36 0
 Piggyback: 40 0
 261 H Inventory Rating: 15
 262 H Operating Rating: 23
 67 Structural Evaluation: 2
 58 Deck Condition: 5
 59 Superstructure Condition: 6
 * 227 Collision Damage: 0
 60A Substructure Condition: 4
 60B Scour Condition: 8
 60C Underwater Condition: N
 71 Waterway Adequacy: 6
 61 Channel Protection Cond: 7
 68 Deck Geometry: 3
 69 UnderClr. Horz/Vert: N
 72 Appr. Alignment: 7
 62 Culvert: N

Posting Data

70 Bridge Posting Required: 5
 41 Struct Open, Posted, Cl: D
 * 103 Temporary Structure: T
 232 Posted Loads H-Modified: 00
 HS-Modified: 00
 Type 3: 00
 Type 3S2: 00
 Timber: 00
 Piggyback: 00
 253 Notification Date: 0000
 253 Fed Notify Date: 0000

Measurements

* 29 ADT: 001400 Year: 1999
 109 % Trucks: 11
 28 Lanes On: 02 Under: 00
 210 No. Tracks On: 00 Under: 00
 48 Max. Span Length: 0015
 49 Structure Length: 150
 51 Br. Rdwy. Width: 23.8
 52 Deck Width: 25.7
 47 Tot. Horz. Cl: 23.8
 50 Curb/Sdewlk Width: 0.5/0.5
 32 Approach Rdwy Width: 020
 * 229 Shlder Width:
 Rear Lt: 3.0 Type: 2 Rt: 3.0
 Fwd Lt: 3.0 Type: 2 Rt: 3.0
 Pmnt Width:
 Rear: 20.0 Type: 2
 Fwd: 20.0 Type: 2
 Intersection Rear: 0 Fwd: 0
 36 Safety Features Br. Rail: 2
 Transition: 2
 App. G. Rail: 2
 App. Rail End: 2
 53 Minimum Cl. Over: 99'99"
 Under: N 00'00"
 * 228 Min. Vert. Cl
 Act. Odm. Dir: 99'99"
 Oppo. Dir: 99'99"
 Posted Odm. Dir: 00'00"
 Oppo. Dir: 00'00"
 55 Lateral Undercl. Rt: N 99.9
 56 Lateral Undercl. Lt: 0.0
 * 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: 12.0
 Deck Thick Approach: 0.0
 246 Overlay Thickness: 0.0
 211 Tons Structural Steel: 0.0
 212 Year Last Painted: Sup: 0000 Sub: 0000

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION
Berrien County

Structure ID: 019-0018-0

Location & Geography

* Structure ID. No.: 019-0018-0
 * 200 Bridge Information: 07
 * 6A Feature Int.: ALAPAHA RIVER
 * 6B Critical Bridge: 0
 * 7A Route Number Carried: SR00064
 * 7B Facility Carried: SR 64- SR 168
 * 9 Location: APP 12.8 MIE OF NASHVILLE
 * 2 DOT District: 4
 * 207 Year Photo: 1998

* 91 Inspection Frequency: 24 Date: 06/16/2000
 * 92A Fract Crit Insp Freq: 0 00 Date: 0000
 * 92B Underwater Insp Freq: 1 60 Date: 01/31/2001
 * 92C Other Spc. Insp Freq: 0 00 Date: 0000

* 4 Place Code: 00000

* 5 Inventory Route (O/U): 1
 Type: 3
 Designator: 1
 Number: 00064
 Direction: 0

* 16 Latitude: 31-09.3
 * 17 Longitude: 83 -02.4

98 Border Bridge: 000 %Shared: 00
 99 ID Number: 0000000000000000

* 100 Defense Highway: 0
 * 101 Parallel Structure: N
 * 102 Direction of Traffic: 2
 264 Road Inventory Mile Post: 013.38

* 208 Inspection Area: 04 Initials: RAC

* Location ID. No: 019-00064D-013.38E
 * XReferen ID. No: 000-000000-000.000

Signs & Attachments

* 104 Highway System: 0
 * 26 Functional Classification: 07
 * 204 Federal Route Type: S No: 01220
 * 110 Truck Route: 0
 206 School Bus Route: 0
 217 Benchmark Elevation: 157.90
 218 Datum: 1
 * 19 Bypass Length: 15
 * 20 Toll: 3
 * 21 Maintenance: 01
 * 22 Owner: 01
 * 31 Design Load: 2
 37 Historical Significance: 5
 205 Congressional District: 08
 * 27 Year Constructed: 1955
 106 Year Reconstructed: 0000
 33 Bridge Median: 0
 34 Skew: 00
 35 Structure Flared: 0
 38 Navigation Control: 0
 213 Special Steel Design: 0
 267 Type of Paint: 2
 * 42 Type Service On: 1 Under: 5
 214 Movable Bridge: 00
 203 Type Bridge: O-N-M-O
 259 Pile Encasement: 2
 * 43 Structure Type Main: 3 02
 45 No. Spans Main: 004
 44 Structure Type Appr: 3 3
 46 No. Spans Appr: 0005
 226 Bridge Curve Horiz: 0 Vert: 0
 111 Pier Protection: 0
 107 Deck Structure Type: 1
 108 Wearing Surface Type: 1 Membrane: 0 Protection: 0
 223 Expansion Joint Type: 02
 242 Deck Drains: 1
 243 Parapet Location: 0 Height: 0 Width: 0
 238 Curb: 1.2.1
 239 Handrail: 1.1
 * 240 Median Barrier Rail: 0
 241 Bridge Median Height: 0 Width: 0
 * 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 Navigation: 0 Aerial: 0
 * 248 County Continuity No: 00

Berrien County

Structure ID: 019-0018-0

Programming Data

201 Project No: BA (3) 1136 (8)
 202 Plans Available: 1
 249 Prop. Proj No: BRST-1220 (10)
 250 Approval Status: 0000
 251 P.I. No: 442921
 252 Contract Date: 0000
 260 Seismic No: 00000
 75 Type Work: 00 0
 94 Bridge Imp. Cost: \$ 0
 95 Roadway Imp. Cost: \$ 0
 96 Total Imp. Cost: \$ 0
 76 Imp. Length: 000000
 97 Imp. Year: 0000
 114 Future ADT: 001095 Year: 2019

Hydraulic Data

215 Waterway Data
 Highwater Elev: 0144.2 Year: 1973
 Flood Elev: 0000.0 Freq: 00
 Avg. Streambed Elev: 0121.6
 Drainage Area: 00000
 Area of Opening: 010875
 113 Scour Critical: 6
 216 Water Depth: 9 Br Height: 22
 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: 0.0
 Height: 0.0
 Length: 0
 Apron: 0
 * 265 U/W Insp. Area: 2 Diver: RMO

* Location I.D. No: 019-00064D-013.38E
 * XReferen I.D. No: 000-000000-000.000

Ratings

66 Inventory Type: 2 Rating: 13
 64 Operating Type: 2 Rating: 29
 231 Calculated Loads
 H-Modified: 15 1
 HS-Modified: 25 0
 Type 3: 27 1
 Type 3s2: 40 0
 Timber: 32 1
 Piggyback: 40 0
 261 H Inventory Rating: 10
 262 H Operating Rating: 15
 67 Structural Evaluation: 2
 58 Deck Condition: 5
 59 Superstructure Condition: 6
 * 227 Collision Damage: 0
 60A Substructure Condition: 6
 60B Scour Condition: 6
 60C Underwater Condition: 5
 71 Waterway Adequacy: 6
 61 Channel Protection Cond: 5
 68 Deck Geometry: 4
 69 UnderClr. Horz/Vert: N
 72 Appr. Alignment: 7
 62 Culvert: N

Posting Data

70 Bridge Posting Required: 3
 41 Struct Open, Posted, Cl: P
 * 103 Temporary Structure: T
 232 Posted Loads H-Modified: 15
 HS-Modified: 00
 Type 3: 27
 Type 3S2: 00
 Timber: 32
 Piggyback: 00
 253 Notification Date: 0000
 253 Fed Notify Date: 0000

Measurements

* 29 ADT: 000730 Year: 1999
 109 % Trucks: 11
 * 28 Lanes On: 02 Under: 00
 210 No. Tracks On: 00 Under: 00
 * 48 Max. Span Length: 0060
 * 49 Structure Length: 375
 51 Br. Rdwy. Width: 23.7
 52 Deck Width: 30.0
 * 47 Tot. Horz. Cl: 23.7
 50 Curb/Sdewik Width: 2.0/2.0
 32 Approach Rdwy Width: 020
 * 229 Shlder Width:
 Rear Lt: 8.0 Type: 8 Rt: 8.0
 Fwrd Lt: 8.0 Type: 8 Rt: 8.0
 Pmnt Width:
 Rear: 20.0 Type: 2
 Fwrd: 20.0 Type: 2
 Intersection Rear: 0 Fwrd: 0
 36 Safety Features Br. Rail: 2
 Transition: 2
 App. G. Rail: 2
 App. Rail End: 2
 53 Minimum Cl. Over: 99' 99"
 Under: N 00' 00"
 * 228 Min. Vert. Cl
 Act. Odm. Dir: 99' 99"
 Oppo. Dir: 99' 99"
 Posted Odm. Dir: 00' 00"
 Oppo. Dir: 00' 00"
 55 Lateral Undercl. Rt: N 99.9
 56 Lateral Undercl. Lt: 0.0
 * 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: 6.5
 Deck Thick Approach: 6.5
 246 Overlay Thickness: 0.0
 211 Tons Structural Steel: 81.0
 212 Year Last Painted: Sup: 1997 Sub: 1997

Concept Team Meeting Minutes

Project: BRST-1220(7)
BRST-1220(8)
BRST-1220(9)

Date: May 16, 2002

On April 30, 2002 at 10:00 a.m., a project team concept meeting was held at the GDOT District Office in Tifton, Georgia to review the concept reports for project numbers BRST-1220(7), BRST-1220(8) and BRST-1220(9). The following were in attendance:

	<u>GDOT</u>	<u>PBS&J</u>	<u>Berrien County</u>
Jeff Bridges	Pat Gaddy	Steve Lindsey	Dr. Van Whaler
Jerry Bruce	Don Gaskins	Dan McDuff	
Joe Burns	Danny Gay	Mickey Michalski	<u>CEMC</u>
Ted Cashin	Emory Giddens		Dan Taylor
Frankie Cottle	Joe Sheffield		
Brad Dockery			

Dan McDuff presented each project and the following comments were made:

All Projects

- Present Concept Report in format received at Concept Team Meeting.
- Change format of cost estimates to show cost for removal of existing bridge as item number 6 under Lump Items.

Project No. BRST-1220(7), Berrien County, SR 64/SR 168 over Alapaha River and Overflow

Page 2

- Remove SR 84 from Description.

Project Meeting Minutes
BRST-1220(7), BRST-1220(8) and BRST-1220(9)
May 16, 2002
Page 2

Page 3

- Add note in Project Location & Description that states "P.I. Nos. 442920 and 442921 will be combined".
- Remove 84 from all state route descriptions.
- Correct ADT numbers in Project Need and Purpose.
- Last sentence of third paragraph in Project Need and Purpose should read "Current truck traffic...".

Page 6

- Investigate costs of (1) detour bridge and (2) realignment with existing bridge serving as detour for the Alapaha River Overflow.
- Investigate costs and environmental issues for detour bridge and compare with safety and cost of widening existing bridge at Alapaha River.
- Remove Alternate Number 4.
- Examine driveway profiles and boat ramp and determine owner and use of driveways.

Page 9

- Under Reimbursable Utilities, Services and Subtotal B should be \$0.
- Under Major Structures, the bridge over Alapaha River should be 560' X 38'.

Page 11

- Detour bridge over Alapaha River should be 200' X 24'. Cost should be adjusted for this.

Project Meeting Minutes
BRST-1220(7), BRST-1220(8) and BRST-1220(9)
May 16, 2002
Page 3

Project No. BRST-1220(8), Berrien County, SR 168 over Ten Mile Creek

Page 3

- At top, project should be BRST-1220(8)
- Project is 4.2 miles east of Junction S.R. 11

Page 6

- Remove alternate number 5.

General

- Show R/W on county road and tie into in within GDOT R/W.
- Insert correct Traffic Data.
- Check to make sure detour tangent is long enough to allow all guardrail to be constructed at one time.

Project No. BRST-1220(9), Berrien County, SR 168 over Five Mile Creek

Page 4

- Change length of bridge from 120 ft. to 220 ft. under Typical Section for Proposed Roadway.

General

- Check utilities to determine which side to put detour bridge.
- Check to make sure detour tangent is long enough to allow all guardrail to be constructed at one time.

Department of Transportation State of Georgia

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-1220(7) Berrien
P.I. 442920

OFFICE Environment/ Location

DATE August 7, 2001

FROM Harvey D. Keepler, State Environmental/ Location Engineer

TO Jim Chambers, P.E., State Consultant Design Engineer
Attn: Ted Cashin

SUBJECT SR 64/SR 84/SR 168 @ Alapaha River Overflow

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

Existing 2001 ADT = 700
2006 ADT = 800
2026 ADT = 1150
K = 9%
D = 60%
T = 8%
24 HR T = 10%
SU = 5%
COMB = 5%

If you have any questions concerning this information please contact
Teresa Williamson at (404)699-4458

13 June, 2002

State of Georgia
Department of Transportation

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

Project Number: BRST-1220(7)
County: Berrien/Lanier
P. I. Number: 442920

Project Concept Report

Federal Route Number: S-01220
State Route Number: 64/168

Bridge Replacement: SR 64/SR 168 over Alapaha River and Overflow

Recommended for approval:

DATE: 6-13-02

DATE: 6-13-02

Project Manager

State Consultant Design Engineer

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

DATE: _____

State Transportation Planning Administrator

DATE: _____

State Environment/Location Engineer

DATE: _____

Office of Financial Planning Administrator

DATE: _____

State Traffic Safety & Design Engineer

DATE: _____

District Engineer

DATE: 6-28-02

Project Review Engineer

DATE: _____

State Bridge & Structural Design Engineer

Department of Transportation
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE

File: BRST – 1220 (7) / Berrien County
P.I. No. 442920

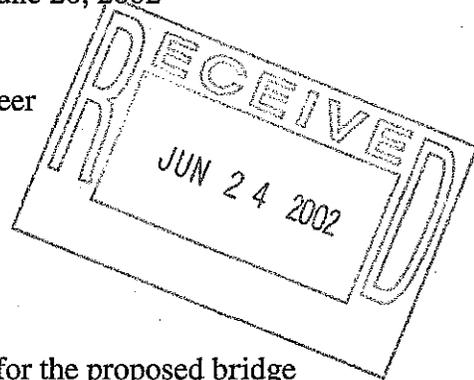
Office: Traffic Safety & Design
Atlanta, Georgia

Date: June 20, 2002

From: ^{PMA/AG} Phillip M. Allen, State Traffic Safety and Design Engineer

To: Wayne Hutto, Assistant Director of Preconstruction

Subject: Project Concept Report Review



We have reviewed the above referenced concept report for the proposed bridge replacement along State Route 64/168 over Alapaha River in Berrien 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/bm

Attachment (signature page)

Cc: Harvey Keepler, State Environment/Location Engineer
James B. Buchan, State Consultant Design Engineer
Attention: Ted Cashin
David Crim, District Engineer
David Mulling, State Review Engineer, w/ attachment
Marta Rosen, State Transportation Planning Administrator
Paul Liles, State Bridge & Structural Design Engineer
Chuck Hasty, TMC
General Files
Office Files

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

Project Number: BRST-1220(7)
County: Berrien/Lanier
P. I. Number: 442920

Project Concept Report

Federal Route Number: S-01220
State Route Number: 64/168

Bridge Replacement: SR 64/SR 168 over Alapaha River and Overflow

Recommended for approval:

DATE: 6-13-02

DATE: 6-13-02

Project Manager

State Consultant Design Engineer

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

DATE: _____

State Transportation Planning Administrator

DATE: _____

State Environment/Location Engineer

DATE: _____

Office of Financial Planning Administrator

DATE: 6-20-02

State Traffic Safety & Design Engineer

DATE: _____

District Engineer

DATE: _____

Project Review Engineer

DATE: _____

State Bridge & Structural Design Engineer

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

Project Number: BRST-1220(7)
County: Berrien/Lanier
P. I. Number: 442920

Project Concept Report

Federal Route Number: S-01220
State Route Number: 64/168

Bridge Replacement: SR 64/SR 168 over Alapaha River and Overflow

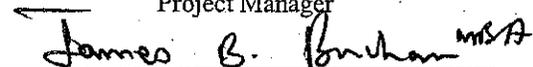
Recommended for approval:

DATE: 6-13-02

DATE: 6-13-02



Project Manager



State Consultant Design Engineer

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

DATE: 6-21-02


State Transportation Planning Administrator

DATE: _____

State Environment/Location Engineer

DATE: _____

Office of Financial Planning Administrator

DATE: _____

State Traffic Safety & Design Engineer

DATE: _____

District Engineer

DATE: _____

Project Review Engineer

DATE: _____

State Bridge & Structural Design Engineer

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

Project Number: BRST-1220(7)
County: Berrien/Lanier
P. I. Number: 442920

Project Concept Report

Federal Route Number: S-01220
State Route Number: 64/168

___ Bridge Replacement: SR 64/SR 168 over Alapaha River and Overflow

Recommended for approval:

DATE: 6-13-02

DATE: 6-13-02

Project Manager

State Consultant Design Engineer

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

DATE: _____

State Transportation Planning Administrator

DATE: _____

State Environment/Location Engineer

DATE: _____

Office of Financial Planning Administrator

DATE: _____

State Traffic Safety & Design Engineer

DATE: _____

District Engineer

DATE: _____

Project Review Engineer

DATE: 7/7/02

State Bridge & Structural Design Engineer