ORIGINAL TO GENERAL FILES

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-1695(3)/(4) Hall County
P. I. Nos. 142292/142293

OFFICE Preconstruction

DATE January 12, 2001

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:

Tom Turner
David Mulling
Harvey Keepler
Jerry Hobbs
Herman Griffin
Michael Henry
Marion Waters
Marta Rosen
Paul Liles
Jimmy Chambers (ATTN: Ted Cashin)
Steve Henry

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-1695(3)/(4) Hall County
P.I. Nos. 142292 / 142293

OFFICE Preconstruction

DATE December 6, 2000

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

TO J. Tom Coleman, Jr., Commissioner

SUBJECT PROJECT CONCEPT REPORT

These combined projects are the replacement of two narrow and structurally deficient bridges on SR 323 over the North Oconee River and the North Oconee River Overflow, 7.5 miles south of Lula, Georgia. The existing bridges, constructed in 1956, are 23.7' wide with sufficiency ratings of 45 and 34.4 respectively. 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 323 is 2,500 VPD and the 20 year (2026) or design year projected volume is 4,500 VPD. The posted speed and the design speed are 55 MPH.

The construction proposes to replace the existing bridges over the North Oconee River and the North Oconee River Overflow with new 103' x 44' concrete structures (2) at the existing bridges sites. The approaches will consist of two, 12' lanes with 10' rural shoulders (4' paved). 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.

The estimated costs for these projects are

BRST-1695(4) Hall County - North Oconee River

	PROPOSED	APPROVED	PROG DATE	LET DATE
Construction (includes E&C and inflation)	$1,814,000	$691,000	2004	03-07
Right-of-Way	$ 36,000	$ 10,000		
Utilities*	$ 60,000	-----		

BRST-1695(3) Hall Ccounty - North Oconee River Overflow

	PROPOSED	APPROVED	PROG DATE	LET DATE
Construction (includes E&C and inflation)	$562,000	$341,000	2004	03-07
Right-of-Way	-0-	$ 10,000		
Utilities*	-0-	-----		

*LGPA sent requesting Hall County do utilities.

These projects are in the STIP. I recommend this project concept be approved and the projects be constructed simultaneously.

TLT:JDQ/cj

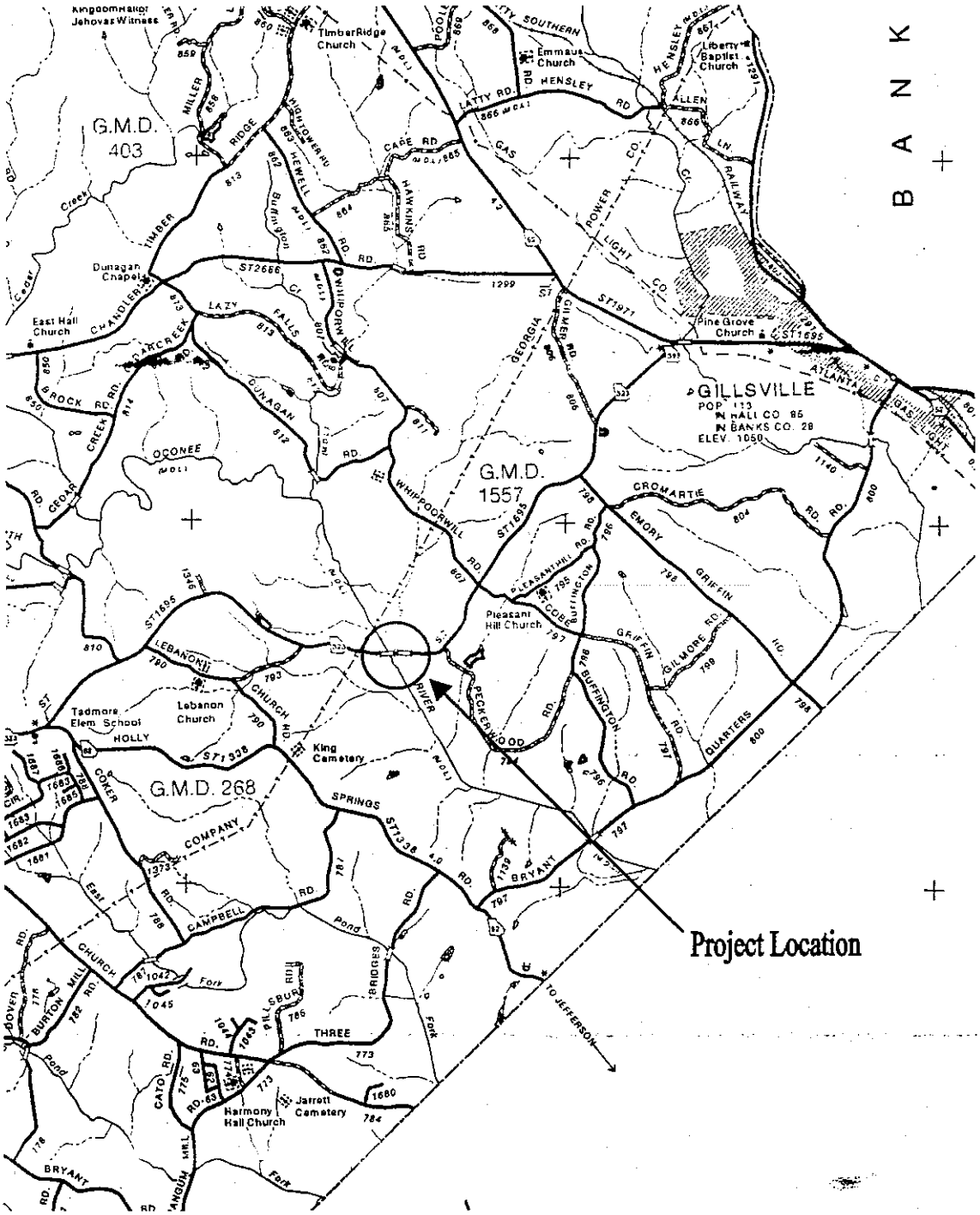
Attachment

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

APPROVE _____
J. Tom Coleman, Jr., Commissioner

PROJECT CONCEPT REPORT
PROJECT NUMBER BRST-1695(4), BRST-1695(3)

PROJECT LOCATION MAP



Project: BRST-1695(4), BRST-1695(3), Hall County, P.I. No. 142292, 142293
Project Description: S.R. 323 at North Oconee River, North Oconee River Overflow

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
OFFICE:

PROJECT CONCEPT REPORT SIGN OFF

S.R. 323 AT NORTH OCONEE RIVER & NORTH OCONEE RIVER OVERFLOW

Project Number: BRST-1695(4), BRST-1695(3)
County: Hall
P. I. Number: 142292, 142293
Federal Route Number: N/A
State Route Number: 323
County Road Number: N/A
Date of Report: November 8, 2000 Revised:

RECOMMENDATION FOR APPROVAL

This project concept is contained in the State Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the STIP.

Date	State Transportation Planning Administrator
Date	State Transportation Programming Engineer
Date	State Environmental/Location Engineer
11/21/00 Date	Larry E. Dalton District 1 Engineer / Gainesville
Date	Project Review Engineer
Date	State Bridge & Structural Engineer
Date	State Traffic Operations Engineer
Date	Project Manager – Ted Cashin

Project Location Map: See Page 2

PROJECT CONCEPT REPORT

DATE: November 27, 2000

PROJECT NUMBER: BRST-1695(4), BRST-1695(3)
COUNTY: Hall
DESCRIPTION: Bridge Replacements
LENGTH: The total length of BRST-1695(4) is approximately 1450 feet (0.27 miles)
The total length of BRST-1695(3) is approximately 1450 feet (0.27 miles)
P.I. NO.: 142292, 142293
U.S. ROUTE NO.: N/A STATE RT. NO.: 323
LOCATION: SR 323 at North Oconee River, North Oconee River Overflow
MILE POINT REFERENCE:
BEGIN 5.31, 5.42 END N/A

TRAFFIC

CURRENT	PROJECTED
YEAR: 2006 ADT: 2500	YEAR: 2026 ADT: 4500
PDP CLASSIFICATION	FUNCTION CLASSIFICATION
Minor	Rural Major Collector

FOS ( ) EXEMPT(X) N/A ( )

EXISTING DESIGN

TYPICAL SECTION: Two Twelve foot lanes with rural shoulders, existing right-of-way; 100' along the approaches 200' at the bridges.

POSTED SPEED 55 MI/HR MAX. DEGREE OF CURVE 10° 00'

MAX. EXISTING GRADE 4.5 %

EXISTING MAJOR STRUCTURES: Over North Oconee River: Three spans, each approximately 34 feet long. Over North Oconee River Overflow: Three spans, each approximately 34 feet long.

FEATURE INTERSECTED: North Oconee River, North Oconee River Overflow

S. RTG: Over N. Oconee River: 34.4 LENGTH: Over N. Oconee River: 102 feet
S. RTG: Over N. Oconee River O.F.: 45.0 LENGTH: Over N. Oconee River O.F.: 102 feet

WIDTH: Over N. Oconee River: 23.7 feet
WIDTH: Over N. Oconee River O.F.: 23.7 feet

PROJECT CONCEPT REPORT
PROJECT NUMBER BRST-1695(4), BRST-1695(3)

PROJECT NEED & PURPOSE: The purpose of project BRST-1695(4), BRST-1695(3) is to replace the load posted bridges. See attached Need & Purpose Statement.

PROPOSED DESIGN

PROPOSED TYPICAL SECTION: The proposed roadway will consist of two 12' travel lanes with 10' shoulders. The shoulder will include a 4' paved shoulder. Typical Section attached.

PROPOSED RIGHT-OF-WAY WIDTH: Additional right-of-way is anticipated. See Cost Estimate.

DESIGN SPEED: 55 MI/HR
MAX. DEGREE OF CURVE: ALLOWABLE: 6° 00' PROPOSED: The project will tie back into existing 10° 00' curve, correction is not within scope of project.
MAX. GRADE: ALLOWABLE: 6.5% PROPOSED: 4.5%
TYPE ACCESS: Permit

TRAFFIC CONTROL DURING CONSTRUCTION: Two way traffic will be maintained on temporary structures.

PROPOSED STRUCTURES: The proposed bridges will be 44'-0" wide, consisting of two 12'-0" travel lanes with two 10'-0" shoulders. The bridges are expected to be 103' in length.

DESIGN EXCEPTIONS REQUIRED

CONTROLLING CRITERIA	UNDETERMINED	YES	NO
HORIZONTAL ALIGNMENT:	( )	( )	(x)
ROADWAY WIDTH:	( )	( )	(x)
SHOULDER WIDTH:	( )	( )	(x)
VERTICAL GRADES:	( )	( )	(x)
CROSS SLOPES:	( )	( )	(x)
STOPPING SIGHT DISTANCE:	( )	( )	(x)
SUPERELEVATION RATES:	( )	( )	(x)
HORIZONTAL CLEARANCE:	( )	( )	(x)
SPEED DESIGN:	( )	( )	(x)
VERTICAL CLEARANCE:	( )	( )	(x)
BRIDGE WIDTH:	( )	( )	(x)
BRIDGE STRUCTURAL CAPACITY:	( )	( )	(x)

NUMBER OF PARCELS IMPACTED: 3
DISPLACEMENTS: None

COORDINATION AND SCHEDULING

CONCEPT TEAM MEETING DATE: October 11, 2000
CONFORMS TO TIP/STIP? YES
MEETS LOGICAL TERMINI REQUIREMENTS? YES
P.A.R. MEETING: NONE ANTICIPATED
LEVEL OF ENVIRONMENTAL ANALYSIS: C. E.
PUBLIC INVOLVEMENT: NONE ANTICIPATED
PERMITS REQUIRED (COE 404,WATER QUALITY,TVA): NW 404
TIME SAVINGS PROCEDURES APPROPRIATE: YES

SCHEDULING CONSIDERATIONS:
TIME TO COMPLETE ENVIRONMENTAL: 4 (MONTHS)
TIME TO COMPLETE PRELIMINARY RD/RW PLANS: 3 (MONTHS)
TIME TO COMPLETE 404 PERMIT: 3 (MONTHS)
TIME TO COMPLETE FINAL CONSTRUCTION PLANS: 3 (MONTHS)
TIME TO BUY RIGHT OF WAY: 8 (MONTHS)

LOCAL GOVERNMENT COMMITMENTS: Requested Hall County do Utilities on 7/19/99.

OTHER PROJECTS IN THE AREA: NONE

PROBABLE LOCATIONS OF USTS: NONE IDENTIFIED

PROBABLE LOCATION OF HAZARDOUS WASTE: NONE IDENTIFIED

ALTERNATES CONSIDERED: (1) Build proposed bridges on same location of the existing structures with temporary detour on either side of the existing bridges; (2) Build proposed bridges parallel and offset from existing, abandon or demolish existing bridges; (3) No Build.

Cost Comparison Summary of Concepts 1 - 3

COMMENTS: Alternate (2) was eliminated due to a long realignment to build proposed bridges offset and parallel. Alternate (3) was eliminated due to long term maintenance cost of structurally deficient bridges. Alternate (1) is selected for this concept.

Attachments: Cost Estimate, Location & Design Notice, Need & Purpose Statement, Traffic Data Sheet, Typical Sections, Bridge Inventory, Datatrieve Information Sheet, Right Of Way Cost Estimate, Concept Meeting Minutes.

PRELIMINARY COST ESTIMATE

DATE: November 27, 2000 PREPARED BY: The LPA Group, Inc.
PROJECT NO.: BRST-1695(4), BRST-1695(3)
P.I. NO.: 142292, 142293 LENGTH: BRST-1695(4): 1450 ft (0.27 miles)
LENGTH: BRST-1695(3): 1450 ft (0.27 miles)

PROJECT DESCRIPTION: Bridge Replacement – S.R. 323 at North Oconee River and Overflow.

PROPOSED CONCEPT: The proposed bridges will be 44'-0" wide, consisting of two 12'-0" travel lanes with two 10'-0" shoulders. The bridges are expected to be 103' in length.

EXISTING ROADWAY: State Route 323
TRAFFIC: Existing: 2500 ADT (2006) Design: 4500 ADT (2026)

( ) PROGRAMMING PROCESS (x) CONCEPT DEVEL. ( ) DURING PROJ DEVEL.

PROJECT COSTS

PRELIMINARY COST ESTIMATE: BRST-1695(4)

(Note: Due to the close proximity of both bridges, all detour costs, with the exception of the structure, for both bridge replacements will be covered under BRST-1695(4).

A. RIGHT OF WAY

1. Property (Land & Easement)		$14,080
2. Displacements; Res: 0, Bus: 0, M.H.: 0		$0
3. Other Cost (Adm./Cost, Inflation)		$21,472
	Subtotal: A	**$35,552**

B. REIMBURSEABLE UTILITIES

1. Railroad; (None)		$0
2. Transmission Lines;		$0
3. Services:		$60,000
	Subtotal: B	**$60,000**

C. CONSTRUCTION

1. Major Structures		
a. Retaining Walls; (None)		$0
b. Bridges; (4,867 sft @ $65 sft)		$316,355

c. Detours Bridges;	(2,884 sft	@ $35 sft)		$100,9
d. Box Culverts;	(None)			
e. Removal of existing bridge;				$50,0
			Subtotal: C-1	$467,2

2. Grading and Drainage:

a. Earthwork;	(7,250 cy	@ $4 cy)		$58,0
b. Drainage;				
1) Cross Drain Pipe (exclude box culverts)	(None)			
2) Curb and Gutter	(None - Rural)			
3) Longitudinal System (include catch basins)	(None - Rural)			
			Subtotal: C-2	$58,0

3. Base and Paving

a. Aggregate Base:	(7,650 syd	@ $15 tn)		$229,5
b. Asphalt Paving:				
1) Surface	(600 tons	@ $47 tn)		$56,4
2) Binder	(1,005 tons	@ $47 tn)		$94,4
3) Base	(2,650 tons	@ $45 tn)		$238,5
c. Concrete Paving:	(282 syd	@ $100 syd)		$56,4
d. Other:	(None)			
			Subtotal:C-3	$675,2

4. Lump Items:

a. Traffic Control;	$80,00
b. Clearing & Grubbing;	$35,00
c. Landscaping;	$9,00
d. Erosion Control;	$45,00
Subtotal: C-4	$169,00

5. Miscellaneous:

a. Lighting;	(None)			
b. Striping - (5 in yellow);	9450 ft	@ $0.50 ft)		$9,45
c. Striping - (5 in yellow);	9450 ft	@ $0.50 ft)		$9,45
d. Guardrail				$40,00
e. Sidewalk - Median Barrier;	(None)			
			Subtotal: C-5	$58,90

6. Special Features (None) Subtotal: C-6 $

PROJECT CONCEPT REPORT
PROJECT NUMBER BRST-1695(4), BRST-1695(3)

ESTIMATE SUMMARY: BRST-1695(4)

A. Right-of-Way		$35,552.00
B. Reimbursable Utilities		$60,000.00
C. Construction		
1. Major Structures	$467,295.00	
2. Grading and Drainage	$58,000.00	
3. Base and Paving	$675,270.00	
4. Lump Items	$169,000.00	
5. Miscellaneous	$58,900.00	
6. Special Features	$0.00	
Subtotal Construction Cost	$1,428,465.00	
E & C (10%)	$142,846.50	
Inflation (5% per year)	$146,417.66	
Number of Years	2	
Total Construction Cost		$1,717,729.16
GRAND TOTAL PROJECT COST	**$1,813,281.16**	

PRELIMINARY COST ESTIMATE: BRST-1695(3)

(Note: Due to the close proximity of both bridges, all detour costs, with the exception of the structure, for both bridge replacements will be covered under BRST-1695(4).

A. RIGHT OF WAY

1. Property (Land & Easement)		$0
2. Displacements; Res: 0. Bus: 0, M.H.: 0		$0
3. Other Cost (Adm./Cost. Inflation)		$0
	Subtotal: A	**$0**

B. REIMBURSEABLE UTILITIES

1. Railroad: (None)		$0
2. Transmission Lines;		$0
3. Services:		$0
	Subtotal: B	**$0**

C. CONSTRUCTION

1. Major Structures		
a. Retaining Walls: (None)		$0
b. Bridges; (4,867 sft @ $65 sft)		$316,355
c. Detours Bridges; 2,884 sft @ $35 sft)		$100,940
d. Box Culverts: (None)		$0
e. Removal of existing bridge;		$50,000
	Subtotal: C-1	**$467,295**
2. Grading and Drainage:		
a. Earthwork; 7,250 cy @ $4 cy)		$0
b. Drainage;		
1) Cross Drain Pipe (exclude box culverts) (None)		$0
2) Curb and Gutter (None - Rural)		$0
3) Longitudinal System (include catch basi (None - Rural)		$0
	Subtotal: C-2	**$0**
3. Base and Paving		
a. Aggregate Base: 7,650 syd @ $15 syd)		$0
b. Asphalt Paving;		
1) Surface (600 tons @ $47 tn)		$0
2) Binder 1,005 tons @ $47 tn)		$0
3) Base (2,650 tons @ $45 tn)		$0

c. Concrete Paving;	282 syd @ $100 syd)		$0
d. Other;	(None)		$0
		Subtotal:C-3	**$0**

4. Lump Items:

a. Traffic Control;		$0
b. Clearing & Grubbing;		$0
c. Landscaping;		$0
d. Erosion Control;		$0
e. Detours;	(included in const. Quantaties)	$0
	Subtotal: C-4	**$0**

5. Miscellaneous:

a. Lighting;	(None)		$0
b. Striping - (5 in yellow);	9450 ft @ $0.50 ft)		$0
c. Striping - (5 in yellow);	9450 ft @ $0.50 ft)		$0
d. Guardrail			$0
e. Sidewalk - Median Barrier;	(None)		$0
		Subtotal: C-5	**$0**

6. Special Features (None) Subtotal: C-6 **$0**

PROJECT CONCEPT REPORT
PROJECT NUMBER BRST-1695(4), BRST-1695(3)

ESTIMATE SUMMARY: BRST-1695(3)

A. Right-of-Way		$0.00
B. Reimbursable Utilities		$0.00
C. Construction		
1. Major Structures	$467,295.00	
2. Grading and Drainage	$0.00	
3. Base and Paving	$0.00	
4. Lump Items	$0.00	
5. Miscellaneous	$0.00	
6. Special Features	$0.00	
Subtotal Construction Cost	$467,295.00	
E & C (10%)	$46,729.50	
Inflation (5% per year)	$47,897.74	
Number of Years	2	
Total Construction Cost		$561,922.24
GRAND TOTAL PROJECT COST	**$561,922.24**	

NOTICE OF LOCATION AND DESIGN APPROVAL

Project No. BRST-1695(4), BRST-1695(3)
P.I. No. 142292, 142293

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.

This project consists of improvements of S.R. 323 at North Oconee River, located in Hall County, Georgia Military Districts 268 and 1557. The improvement project includes replacing the existing bridges over North Oconee River Creek and North Oconee River Overflow.

Date of Location Approval: 12 - JANUARY - 2001

Drawings and/or maps, and/or plats of the proposed project as approved are on file and are available for inspection at the Georgia Department of Transportation. Any interested party may obtain a copy of the drawings or maps or plats by writing to the Georgia Department of Transportation, No. 2 Capitol Square, Atlanta, Georgia 30334 and paying a nominal cost thereof.

Any written request in reference to this Notice SHOULD include the PROJECT AND P.I. NUMBERS AS NOTED AT THE TOP OF THIS NOTICE AND may by referenced to:

James R. Chambers
Georgia Department of Transportation
No. 2 Capitol Square
Room 444
Atlanta, Georgia 30334

September 5, 2000

NEED AND PURPOSE

PROJECT BRST-1695(4), BRST-1695(3) Hall County

PI 142292, 142293

Bridge Replacement

Project BRST-1695(4), BRST-1695(3) consists of the replacement of bridges on SR 323 over the North Oconee River and North Oconee River Overflow in Hall County. SR 323 is a minor arterial route serving commuter traffic traveling between Gainesville and northeast Hall Co. SR 323 is also a school bus route.

SR 323 is 24' wide with 5' grassed shoulders. These bridges are functionally inadequate in that they are only 30' wide, providing insufficient shoulder width on the bridge. These bridges are also structurally inadequate with a sufficiency rating of 34.4, 45.0 respectively. The Office of Bridge Design has determined that any structure with a sufficiency rating less than 50 should be replaced rather than improved. The bridges have been designated by Maintenance as load limited due to the use of 10" H-piles in the substructure. The bridges should be replaced and widened to accommodate two 12' travel lanes in each direction with 10' shoulders. Replacing the bridges will bring it up to current design standards and provide for safer travel for the residents living along SR 323.

Volumes (2006) on SR 323 are 2500 VPD with a projection of 4,500 VPD by the year 2026. The accident history in the vicinity of this project shows a total of 5 accidents from 1995 through 1997 which is average for this type of facility. All of the accidents were single vehicle involving striking an object on the roadway.

There are no other planned projects in the immediate vicinity of this project.

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-1695(4) & (3), Hall
P.I.# 142292 & 142293

OFFICE Environment/Location

DATE August 29, 2000

FROM Harvey D. Keepler, State Environmental/Location Engineer

TO Jimmy Chambers, Office of Consultant Management
Attention: Ted Cashin

SUBJECT SR 323 @ North Oconee River and Overflow

We are furnishing estimated traffic data for the subject projects as follows:

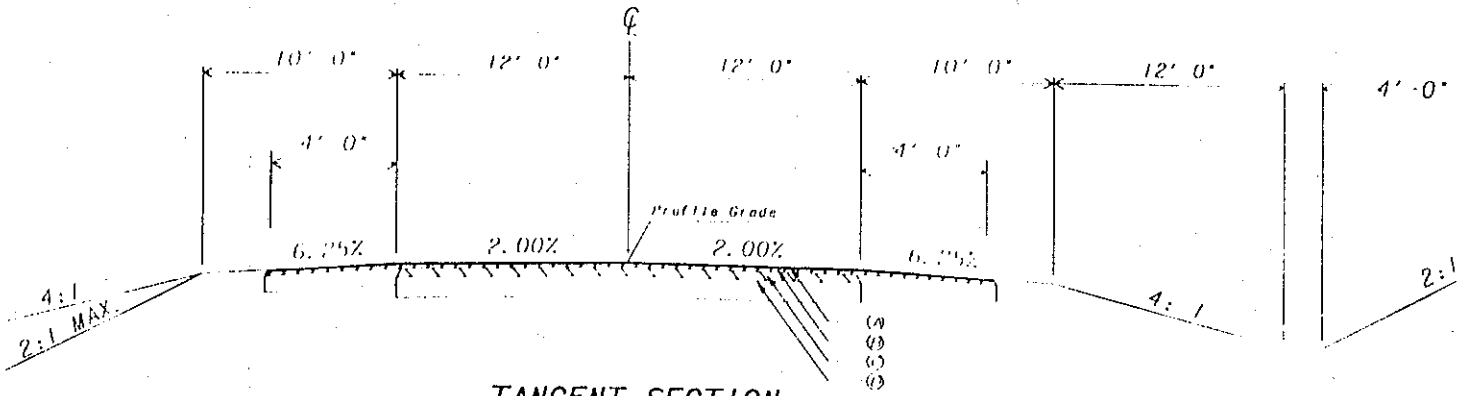
2006 ADT = 2500
2026 ADT = 4500
K = 10%
D = 60%
T = 8%
24 Hr. T = 10%
S.U. = 4%
Comb. = 6%

If you have any questions, please call Gary Langford @ 404-699-4404.

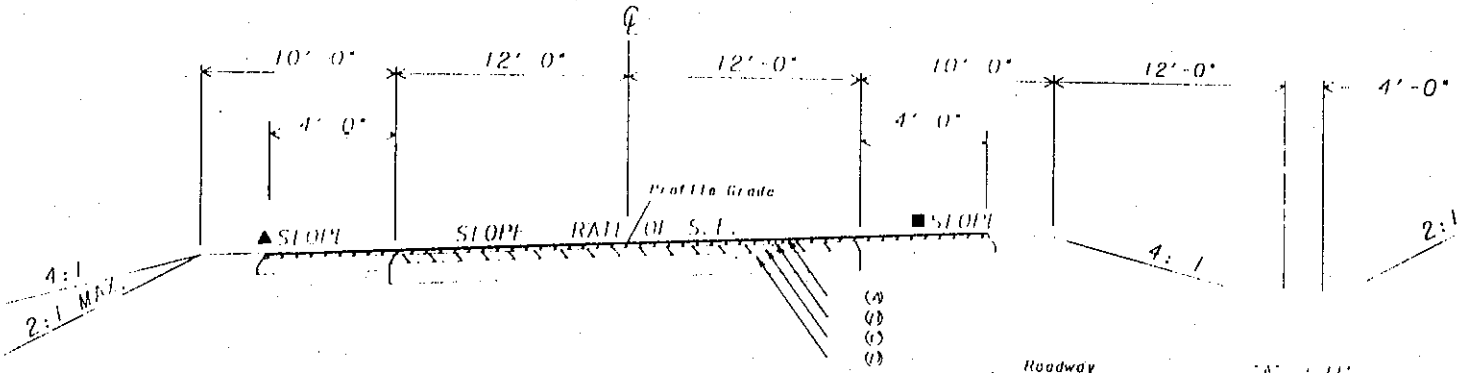
HDK/RGL

cc: Al Bowman

STATE	COUNTY	NUMBER	NO.	SHEETS
GA.	HALL	BRST-1695(4)		

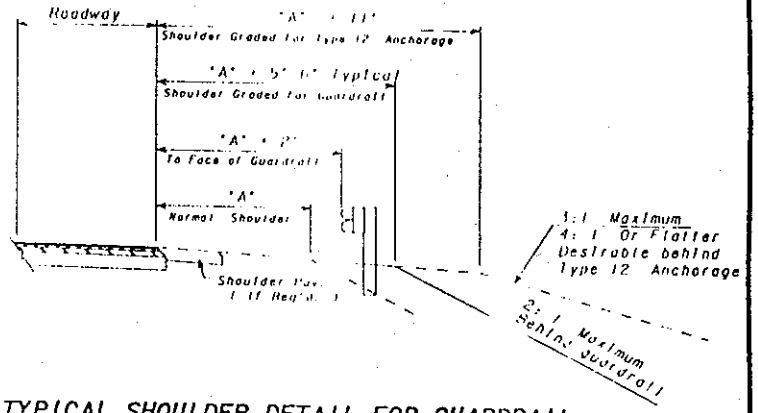


TANGENT SECTION



SUPERELEVATED SECTION

SLOPE SELECTION		
SLOPE	CUT	FILL
4:1	0'-6'	0'-6'
3:1	6'-10'	6'-10'
2:1	10+	10+



TYPICAL SHOULDER DETAIL FOR GUARDRAIL
SEE PLAN FOR LOCATION

PROJECT NO.: AT258306	DATE
DESIGNED BY:	
DRAWN BY:	
CHECKED BY:	
SUPERVISED BY:	

THE LPA GROUP

THE LPA GROUP INCORPORATED
TRANSPORTATION CONSULTANTS
5255 TRIANGLE PARKWAY, SUITE 300
NORCROSS, GEORGIA 30092
(770) 263 9118

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

ROADWAY TYPICAL SECTION
S.R. 323 OVER NORTH OCONEE RIVER
HALL CO. BRST-1695(4)

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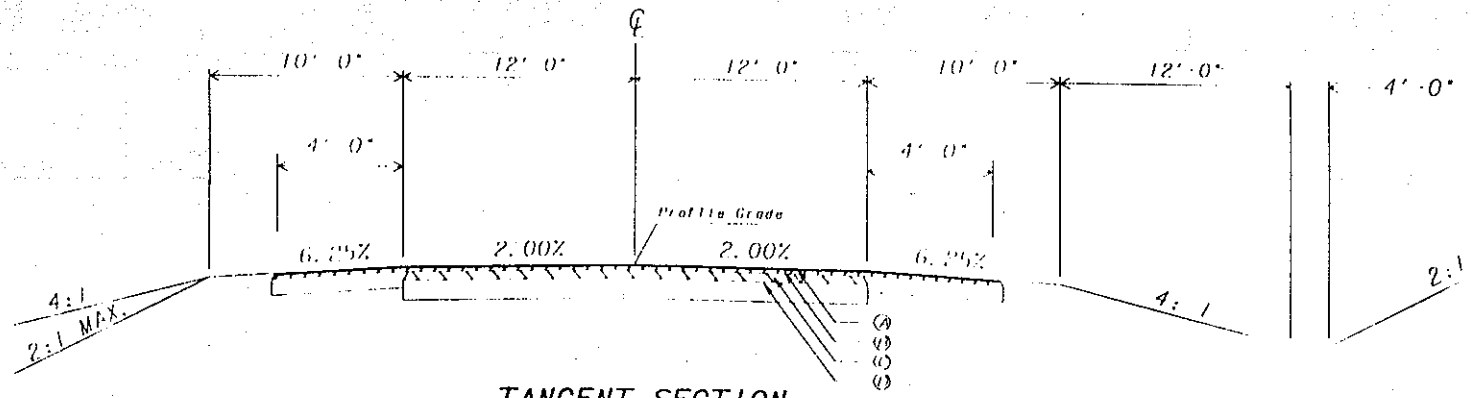
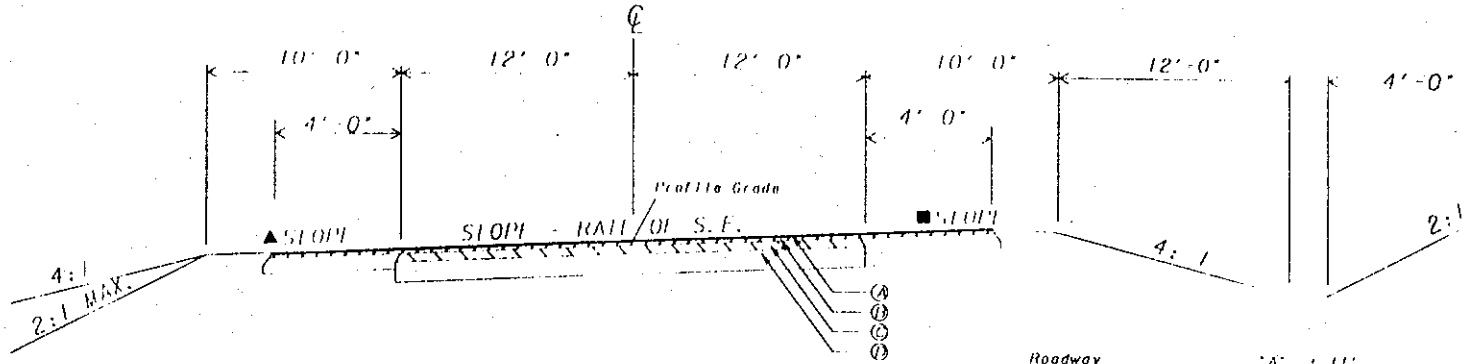
STATE	COUNTY	NUMBER	NO.	SHEETS
GA.	HALL	BRST-1695(3)		

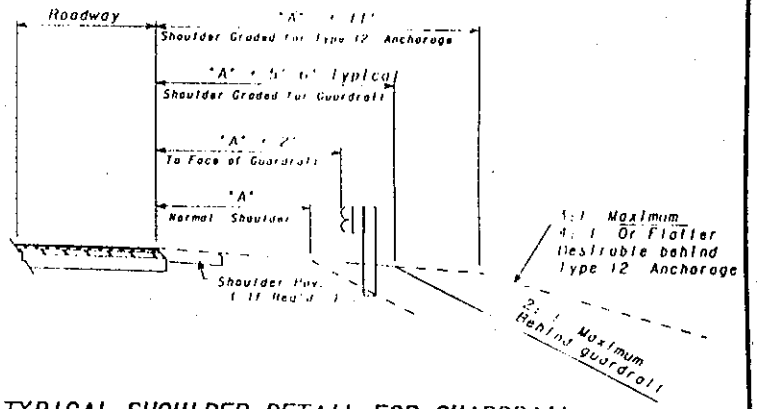


TANGENT SECTION



SUPERELEVATED SECTION

SLOPE SELECTION		
SLOPE	CUT	FILL
4:1	0'-6"	0'-6"
3:1	6'-10"	6'-10"
2:1	10'	10'



TYPICAL SHOULDER DETAIL FOR GUARDRAIL
SEE PLAN FOR LOCATION

PROJECT NO.: AI258307	DATE
DESIGNED BY:	
DRAWN BY:	
CHECKED BY:	
SUPERVISED BY:	

THE LPA GROUP

THE LPA GROUP INCORPORATED
TRANSPORTATION CONSULTANTS
5255 TRIANGLE PARKWAY, SUITE 300
NORCROSS, GEORGIA 30092
(770) 263-9118

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

ROADWAY TYPICAL SECTION
S.R. 323 OVER NORTH OCONEE RIVER O/F
HALL CO. BRST-1695(3)

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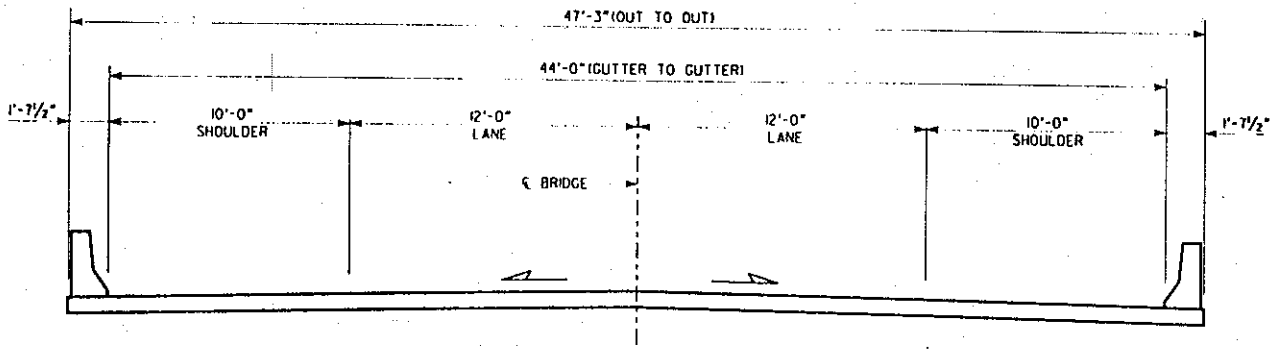
STATE	COUNTY	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	HALL	BRST-1695(4)		



BRIDGE TYPICAL SECTION

SCALE: ⅛" = 1'-0"

PROJECT NO.: A1258306	DATE
DESIGNED BY:	
DRAWN BY:	
CHECKED BY:	
SUPERVISED BY: ALBERT W. BOWMAN, P.E.	

THE LPA GROUP

THE LPA GROUP INCORPORATED
TRANSPORTATION CONSULTANTS
5255 TRIANGLE PARKWAY, SUITE 300
NORCROSS, GEORGIA 30092
(770) 263-9118

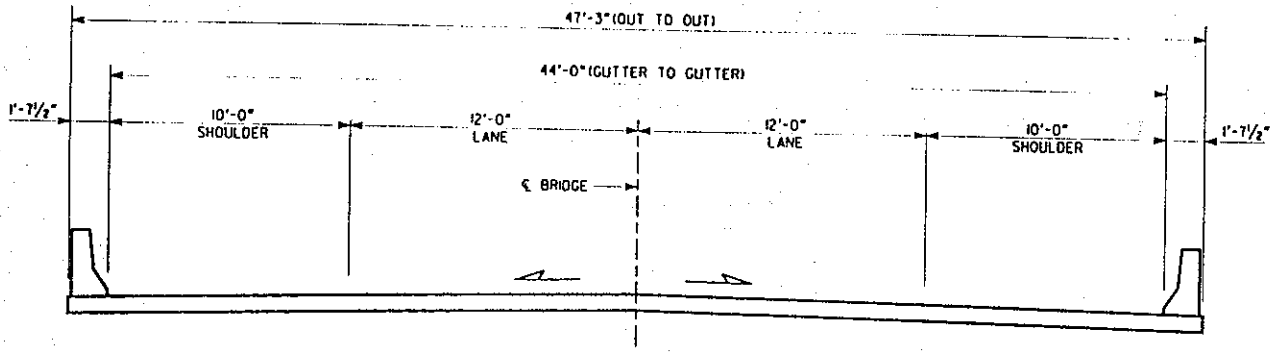
STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

BRIDGE TYPICAL SECTION
S.R. 323 OVER NORTH OCONEE RIVER
HALL CO. BRST-1695(4)

11 OCT 2000 11:42:21

T:\dan\a1258306\bridge\concept.dgn

STATE	COUNTY	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	HALL	BRST-1695(3)		



BRIDGE TYPICAL SECTION

SCALE: ⅛" = 1'-0"

PROJECT NO. : A1258307	DATE
DESIGNED BY :	
DRAWN BY :	
CHECKED BY :	
SUPERVISED BY : ALBERT W. BOWMAN, P.E.	

THE LPA GROUP

THE LPA GROUP INCORPORATED
TRANSPORTATION CONSULTANTS
5255 TRIANGLE PARKWAY, SUITE 300
NORCROSS, GEORGIA 30092
(770) 263-9118

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

BRIDGE TYPICAL SECTION
S. R. 323 OVER NORTH OCONEE RIVER O/F
HALL CO. BRST-1695(3)

11 OCT 2006 11:55:43

P:\Jobs\A1258307\Bridge\Concept.dgn

Structure ID: 139-0038-0

Location & Geography

* Structure I.D. No: 139-0038-0
200 Bridge Information: 06

* 6A Feature Int.: NORTH OCONEE RIVER
* 6B Critical Bridge: 0
* 7A Route Number Carried: SR00323
* 7B Facility Carried: SR 323
* 9 Location: 7.5 MI SOUTH OF LULA
2 DOT District: 1
207 Year Photo: 1999

* 91 Inspection Frequency: 24 Date: 09/02/1999
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: 00323
Direction: 0

* 16 Latitude: 34-16.9
* 17 Longitude: 83 -41.3

98 Border Bridge: 000 %Shared: 00
99 ID Number: 000000000000000

100 Defense Highway: 0
* 101 Parallel Structure: N
* 102 Direction of Traffic: 2
264 Road Inventory Mile Post: 005.31

* 208 Inspection Area: 01 Initials: GMC

* Location I.D. No: 139-00323D-005.24N
* XReferen I.D. No: 000-000000-000.000

Report Date: 07/07/2000

Hall County

* 104 Highway System: 0
* 26 Functional Classification: 07
* 204 Federal Route Type: S No: 01695
* 110 Truck Route: 0
206 School Bus Route: 1
217 Benchmark Elevation: 0.00
218 Datum: 0
* 19 Bypass Length: 3
* 20 Toll: 3
* 21 Maintenance: 01
* 22 Owner: 01
* 31 Design Load: 2
37 Historical Significance: 5
205 Congressional District: 09
* 27 Year Constructed: 1957
106 Year Reconstructed: 0000
33 Bridge Median: 0
34 Skew: 30
35 Structure Flared: 0
38 Navigation Control: 0
213 Special Steel Design: 0
267 Type of Paint: 5

* 42 Type Service On: 1
Under: 5
214 Movable Bridge: 00
203 Type Bridge: E-N-M-O
259 Pile Encasement: 2
* 43 Structure Type Main: 3 02
45 No. Spans Main: 003
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: 1

108 Wearing Surface Type: 6
Membrane: 0
Protection: 8

SUFF. RATING: 34.4

Signs & Attachments

223 Expansion Joint Type: 02
242 Deck Drains: 1

243 Parapet Location: 0
Height: 0
Width: 0

238 Curb: 1.0 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: 0
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

Structure ID: 139-0038-0

Programming Data

201	Project No:	S-1695
202	Plans Available:	1
249	Prop. Proj No:	BRST-1695 (4)
250	Approval Status:	0000
251	P.I. No:	142292
252	Contract Date:	02/01/2004
260	Seismic No:	00000
75	Type Work:	34 1
94	Bridge Imp. Cost:	$ 110
95	Roadway Imp. Cost:	$ 231
96	Total Imp. Cost:	$ 409
76	Imp. Length:	001422
97	Imp. Year:	1990
114	Future ADT:	003300 Year: 2018

Hydraulic Data

215	Waterway Data	
	Highwater Elev:	0000.0 Year: 0000
	Flood Elev:	0000.0 Freq: 00
	Avg. Streambed Elev:	0000.0
	Drainage Area:	00000
	Area of Opening:	000000
113	Scour Critical:	6
216	Water Depth:	00.6 Br Height: 22.2
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:	0 Diver: ZZZ

* Location I.D. No: 139-00323D-005.24N
* XReferen I.D. No: 000-000000-000.000

Report Date: 07/07/2000

Hall County

Measurements

* 29	ADT:	002200 Year: 1998
109	% Trucks:	11
* 28	Lanes On:	02 Under: 00
210	No. Tracks On:	00 Under: 00
* 48	Max. Span Length:	0034
* 49	Structure Length:	102
51	Br. Rdwy. Width:	23.7
52	Deck Width:	29.7
* 47	Tot. Horz. Cl:	23.7
50	Curb/Sdewlk Width:	2.0/2.0
32	Approach Rdwy Width:	024
* 229	Shlder Width:	
	Rear Lt: 4.0	Type: S Rt: 5.0
	Fwrd Lt: 4.4	Type: S Rt: 4.0
	Pvment Width:	
	Rear: 23.8	Type: 2
	Fwrd: 23.7	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 Underel. Rt:	N 99.9
56	Lateral Underel. 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:	6.0
	Deck Thick Approach:	0.0
246	Overlay Thickness:	2.5
211	Tons Structural Steel:	0.0
212	Year Last Painted:	Sup: 1996 Sub: 1996

SUFF. RATING: 34.4

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:	00	0
261	H Inventory Rating:	10	
262	H Operating Rating:	15	
67	Structural Evaluation:	2	
58	Deck Condition:	6	
59	Superstructure Condition:	6	
* 227	Collision Damage:	0	
60A	Substructure Condition:	5	
60B	Scour Condition:	6	
60C	Underwater Condition:	N	
71	Waterway Adequacy:	8	
61	Channel Protection Cond:	5	
68	Deck Geometry:	2	
69	UnderClr. Horz/Vert:	N	
72	Appr. Alignment	7	
62	Culvert:	N	

Posting Data

70	Bridge Posting Required:	4
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

Structure ID: 139-0039-0

Location & Geography

* Structure I.D. No.: 139-0039-0
200 Bridge Information: 06

* 6A Feature Int.: N OCONEE RIVER OVERFLOW
* 6B Critical Bridge: 0
* 7A Route Number Carried: SR00323
* 7B Facility Carried: SR 323
* 9 Location: 7.5 MI SOUTH OF LULA
2 DOT District: 1
207 Year Photo: 1999

* 91 Inspection Frequency: 24 Date: 09/09/1999
92A Fract Crit Insp Freq: 0 00 Date: 0000
92B Underwater Insp Freq: 1 60 Date: 10/01/1996
92C Other Spc. Insp Freq: 0 00 Date: 0000

* 4 Place Code: 00000

* 5 Inventory Route (O/U): 1
Type: 3
Designator: 1
Number: 00323
Direction: 0

* 16 Latitude: 34-16.9
* 17 Longitude: 83 -41.2

98 Border Bridge: 000 %Shared: 00
99 ID Number: 000000000000000

100 Defense Highway: 0
* 101 Parallel Structure: N
* 102 Direction of Traffic: 2
264 Road Inventory Mile Post: 005.42

* 208 Inspection Area: 01 Initials: GMC

* Location I.D. No: 139-00323D-005.35N
* XReferen I.D. No: 000-000000-000.000

Report Date: 07/07/2000

Hall County

* 104 Highway System: 0
* 26 Functional Classification: 07
* 204 Federal Route Type: S No: 01695
* 110 Truck Route: 0
206 School Bus Route: 1
217 Benchmark Elevation: 0.00
218 Datum: 0
* 19 Bypass Length: 3
* 20 Toll: 3
* 21 Maintenance: 01
* 22 Owner: 01
* 31 Design Load: 2
37 Historical Significance: 5
205 Congressional District: 09
* 27 Year Constructed: 1956
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: 1

* 42 Type Service On: 1
Under: 9
214 Movable Bridge: 00
203 Type Bridge: E-N-M-O
259 Pile Encasement: 2
* 43 Structure Type Main: 3 02
45 No. Spans Main: 003
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: 1

108 Wearing Surface Type: 6
Membrane: 0
Protection: 8

SUFF. RATING: 45.0

Signs & Attachments

233 Expansion Joint Type: 02
242 Deck Drains: 1

243 Parapet Location: 0
Height: 0
Width: 0

238 Curb: 0.9 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 0
224 Retaining Wall 0

235 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

Programming Data

201	Project No:	S-1695 (1)
202	Plans Available:	1
249	Prop. Proj No:	BRST-1695 (3)
250	Approval Status:	0000
251	P.I. No:	142293
252	Contract Date:	02/01/2004
260	Seismic No:	00000
75	Type Work:	34 1
94	Bridge Imp. Cost:	$ 110
95	Roadway Imp. Cost:	$ 43
96	Total Imp. Cost:	$ 202
76	Imp. Length:	000313
97	Imp. Year:	1990
114	Future ADT:	003300 Year: 2018

Hydraulic Data

215	Waterway Data	
	Highwater Elev:	0000.0 Year: 0000
	Flood Elev:	0000.0 Freq: 00
	Avg. Streambed Elev:	0000.0
	Drainage Area:	00000
	Area of Opening:	000000
113	Scour Critical:	6
216	Water Depth:	05.0 Br Height: 17.0
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:	0.0
	Height:	0.0
	Length:	0
	Apron:	0
* 265	U/W Insp. Area:	1 Diver: JAA

* Location I.D. No: 139-00323D-005.35N
* XReferen I.D. No: 000-000000-000.000

Measurements

* 29	ADT:	002200 Year: 1998
109	% Trucks:	11
* 28	Lanes On:	02 Under: 00
210	No. Tracks On:	00 Under: 00
* 48	Max. Span Length:	0034
* 49	Structure Length:	102
51	Br. Rdwy. Width:	23.7
52	Deck Width:	29.7
* 47	Tot. Horz. Cl:	23.7
50	Curb/Sdewlk Width:	2.0/2.0
32	Approach Rdwy Width:	024
* 229	Shlder Width:	
	Rear Lt: 4.0	Type: 8 Rt: 5.0
	Fwrd Lt: 4.4	Type: 8 Rt: 4.0
	Pvment Width:	
	Rear: 23.8	Type: 2
	Fwrd: 23.7	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 Underel. Rt:	N 99.9
56	Lateral Underel. 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:	6.0
	Deck Thick Approach:	0.0
246	Overlay Thickness:	3.0
211	Tons Structural Steel:	0.0
212	Year Last Painted:	Sup: 1978 Sub: 1990

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:	00	0
261	H Inventory Rating:	10	
262	H Operating Rating:	15	
67	Structural Evaluation:	2	
58	Deck Condition:	7	
59	Superstructure Condition:	6	
* 227	Collision Damage:	0	
60A	Substructure Condition:	6	
60B	Scour Condition:	6	
60C	Underwater Condition:	6	
71	Waterway Adequacy:	9	
61	Channel Protection Cond:	8	
68	Deck Geometry:	2	
69	UnderClr. Horz/Vert:	N	
72	Appr. Alignment:	7	
62	Culvert:	N	

Posting Data

70	Bridge Posting Required:	4
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

. NUMBER : 142292- HALL CO. SCHED. LET: 20-04

CRIPTION : SR 323 @ NORTH OCONEE RIVER 7.5 MI SOUTH OF LULA BIKE:
JECT NO. : BRST-1695(4) METRIC:
. PROJECT: BRST-1695(4) ASST. HD: JRC CONSULTANT: C
J. LENGTH: .22 MI. CONCEPT: SQUAD LDR: T. CASHIN P.E. DATE: 10/26/99

ACTIVITY	SCHED START	SCHED FINISH	ACTUAL START	ACT/EST FINISH	PCT	NOTES
CEPT PHOTOS			NO RPT	NO RPT	N/R	
FT CONCEPT/RPT			NO RPT	NO RPT	0%	
CEPT MTG				NO RPT		
RPT TO ENG SERV				NO RPT		
ENG SERV APPRV				NO RPT		
APPRV REPORT			NO RPT	NO RPT	0%	
IRONMENTAL			1-Jan-2002	31-Jul-2002	0%	
D HEARING				NO RPT		
PING			NO RPT	NO RPT	N/R	
TO X-SECTIONS			NO RPT	NO RPT	N/R	
LD SURVEYS			NO RPT	NO RPT	0%	
AL ALT. APPROVAL				NO RPT		
D APPROVAL			NO RPT	NO RPT	0%	
D PREL. FPR				NO RPT		
RD/RW PLANS			NO RPT	NO RPT	0%	
ROVE R/W PLANS			NO RPT	NO RPT	0%	
JRE 404 PERMIT			NO RPT	NO RPT	0%	
BRIDGE/HYDRAU			NO RPT	NO RPT	0%	
DGE PLANS			NO RPT	NO RPT	0%	
SOIL SURVEYS				NO RPT		
T.'s			NO RPT	NO RPT	0%	
D FINAL FPR				NO RPT		
AL CST. PLANS			NO RPT	NO RPT	0%	

PROGRAM ESTIMATES

PE :	$5,000
R/W :	$10,000
CNST:	$691,000
EST DATE:	4/15/99
LOC TAX	N
STIP:	Y
PE PROG DATE:	9910
R/W PROG DATE:	2003
CST PROG DATE:	2004

EXEMPT: Y

R/W DATA

SCHED R/W AUTH:	20-03
ACT. R/W AUTH:	20-03
R/W ACQD. BY:	DOT
# PARCELS:	0
# APPR. TO DATE:	0
# ACQD. TO DATE:	0

COMMENTS

: LET W/ 142293. 6/29/00
. :
N:
T:
: NO SIGN & MKG PLANS REQ'D KRA 4/29/99 #
: 4-18 BRIDGE REQUIRED
:
:
A: REQ HALL DO UTILITIES 7-19-99.

>LOC : BRIDGE
>EIS : PRESTON - CONSULT TASK FORCE
>404 : CONSULTANT TASK FORCE-NW 23 EXPECTED
>UST :
>PITS:
>R/W :

I. NUMBER : 142293- HALL CO.

SCHED. LET: 20-04

SCRIPTION : SR 323 @ N OCONEE RIVER OVERFLOW 7.5 MI SOUTH OF LULA
JECT NO. : BRST-1695(3)
. PROJECT: BRST-1695(3)
J. LENGTH: .22 MI. CONCEPT:

ASST. HD: JRC
SQUAD LDR: T. CASHIN

BIKE:
METRIC:
CONSULTANT: C
P.E. DATE: 10/26/99

ACTIVITY	SCHED START	SCHED FINISH	ACTUAL START	ACT/EST FINISH	PCT	NOTES
CEPT PHOTOS			NO RPT	NO RPT	N/R	
FT CONCEPT/RPT			NO RPT	NO RPT	0%	
CEPT MTG				NO RPT		
RPT TO ENG SERV				NO RPT		
ENG SERV APPRV				NO RPT		
T APPRV REPORT			NO RPT	NO RPT	0%	
IRONMENTAL			1-Jan-2002	31-Jul-2002	0%	
D HEARING				NO RPT		
PING			NO RPT	NO RPT	N/R	
TO X-SECTIONS			NO RPT	NO RPT	N/R	
LD SURVEYS			NO RPT	NO RPT	0%	
AL ALT. APPROVAL				NO RPT		
D APPROVAL			NO RPT	NO RPT	0%	
D PREL. FPR				NO RPT		
RD/RW PLANS			NO RPT	NO RPT	0%	
ROVE R/W PLANS			NO RPT	NO RPT	0%	
JRE 404 PERMIT			NO RPT	NO RPT	0%	
BRIDGE/HYDRAU			NO RPT	NO RPT	0%	
DGE PLANS			NO RPT	NO RPT	0%	
SOIL SURVEYS				NO RPT		
.T.'s			NO RPT	NO RPT	0%	
D FINAL FPR				NO RPT		
AL CST. PLANS			NO RPT	NO RPT	0%	

PROGRAM ESTIMATES

PE :	$5,000
R/W :	$10,000
CNST:	$341,000
EST DATE:	4/15/99
LOC TAX	N
STIP:	Y
PE PROG DATE:	9910
R/W PROG DATE:	2003
CST PROG DATE:	2004

EXEMPT: Y

R/W DATA

SCHED R/W AUTH:	20-03
ACT. R/W AUTH:	20-03
R/W ACQD. BY:	DOT
# PARCELS:	0
# APPR. TO DATE:	0
# ACQD. TO DATE:	0

COMMENTS

: LET W.142292. 6/29.00
:
N:
T:
: NO SIGN & MKG PLANS REQ'D KRA 4/29/99 #
: 4-19 BRIDGE REQUIRED
:
:
A: REQ HALL DO UTILITIES 7-19-99.

>LOC : BRIDGE
>EIS : PRESTON - CONSULT TASK FORC
>404 : CONSULTANT TASK FORCE-NW 23 EXPECTED
>UST :
>PITS:
>R/W :

RIGHT OF WAY COST ESTIMATE

DATE: 10/10/00 P.I.#: 142292 & 142293
PROJECT: BRST-1695(3) & (4) Hall County PARCELS: 4
PROJECT DESCRIPTION: Bridge replacement over North Oconee River on SR323

LAND: (Includes Fee Simple and Easement and is listed by category)
AR – IV 3.20 AC.

8,800 X 3.2 Ac. X .50
28,160 X .50 =

Total **$ 14,080**

IMPROVEMENTS: (Includes Related Site Improvement)
Farm fencing (replaced by contractor)

Total 0 **$ 0.00**

RELOCATION:
(Residential - $ 0 / per parcel X # parcels)
(Commercial - $_____/ per parcel X # parcels)

Total **$ 0.00**

DAMAGES: (Includes Cost to Cure and Trade Fixtures)

Total N/A **$ 0.00**

Estimated Cost of Right of Way		$ 14,080
C/O, Condemnation Increase & Legal Cost (50% of R/W)	$ 7,040	
Fee Acquisition Cost (N/A)	$	
Fee Appraisal Cost ($ 750 / parcel - Residential) ($_____/ parcel - Commercial)	$ 3,000	
Misc. Specialty Fee Appraisal Cost (Cost-to- cures, Signs, Etc.)	$ N/A	
Condemnation Cost (# Par x 10% x $5,500)	$ 2,200	
Incidentals (# Par x $1,500)	$ 6,000	
Net Cost		$ 32,320
Inflation (10% rural, 25% urban)	$ 3,232	
TOTAL COST		$ 35,552
TOTAL COST (ROUNDED)		$ 35,552

Credits:	# Hours
Johnnie Hicks	10 Hours
Viveca Cooper	10 Hours

Cc:
Attachment(s): **Project Location Map**

S.R. 323 over North Oconee River and Overflow Bridge Replacements
BRST-1695(4) & BRST-1695(3)
P. I. Numbers: 142292, 142293
Hall County
Concept Meeting Minutes

Date: October 11, 2000
Time: 9:00AM
Location: District 1 HQ

ATTENDEES:

Jim Graybeal – Parsons Brinckerhoff
Roger Palmer – Parsons Brinckerhoff
Cristina Ley – Parsons Brinckerhoff
Allen Ferguson – GDOT
Parks Preston – GDOT
Billy Cantrell – GDOT
Tony R. Bradley – GDOT
Danny Godwin – The LPA Group
Al Bowman – The LPA Group
Doug Smith – Jackson EMC
Leon White - Alltel
Todd Long – GDOT
Bobby Murray – GDOT
Robby Oliver – GDOT

1. Al Bowman presented the overview of the projects, stating that the purpose was to replace the two bridges along SR 323 due to their low sufficiency ratings (less than 50). Al also said that based on the anticipated traffic volume, the proposed bridges would be 44 feet wide, consisting of two 12 foot lanes with 10 foot shoulders.

2. Todd Long recommended combining the two bridge projects into one concept report since the two projects are separated by only 500 feet of road and will be built at the same time. Al agreed with the recommendation but said that he would check with Ted Cashin. Post Meeting Note: Ted Cashin agreed to combining the two concept reports.

3. Al said that temporary bridges would be needed during construction, because there were no good detour routes nearby. Todd Long agreed stating that closing SR 323 was not an option. Al said that the centerline of the temporary detour would be located 50 feet South of the existing SR 323 centerline.

4. Allen Ferguson, the utility engineer noted that a permit has been approved to install a 12" water line for Hall county on the south side of SR 323 approximately at the south Right-of-way line. There was a brief discussion about the width of the Right-of-way along this route when it was confirmed that there is 200 feet of right-of-way from a copy of the utility encroachment permit. It was noted that Construction on this line is underway, but it was agreed that it should not have any impact on the project.

5. Todd Long advised that District Right-of-way personnel had prepared a preliminary cost estimate for Right-of-way on the two projects. The preliminary cost estimate is $30,000. Al said that they would update the cost in the Concept Report.

6. Danny Godwin brought up the subject of roadway shoulder width. Danny said that the current Policy which calls for a six foot paved shoulder is intended for multi-lane routes and that in this case a four foot paved shoulder is more appropriate. Todd Long agreed. It was agreed that a four foot shoulder would be used on this project.

7. Todd Long recommended adding the State Traffic Operations Engineer and the State Programming Engineers signatures to the concept cover page to comply with the pending new Plan Development Process. Al said that he would make the additions.

8. Todd Long noted that Right-of-Way Authorization is currently scheduled for FY 2003 and Construction Authorization is scheduled for FY 2004.

9. The meeting adjourned.

Notes prepared by: Danny Godwin/Al Bowman

cc: Attendees
Tom Montgomery The LPA Group Incorporated

Oct 11, 2000

Sign In Sheet

Name	Firm	Phone #
Jim Geaghan	Parsons Brinckerhoff	404-364-8180
Tony R. Bradley	GDOT - Gainesville Location	770-532-5580
Al Bowman	LPA Group	770-263-9118
Danny Godwin	LPA Group	770-263-9145
Cristina Ley	Parsons Brinckerhoff	404-364-2661
Roger Palmer	" "	404-364-2658
Allen Ferguson	GA D.O.T.	770-532-5510
Robby Oliver	GA D.O.T.	"
Parks Preston	GA DOT	404-699-4415
Doug Smith	Jackson EMC	770 538 2528
Todd Long	GA D.O.T	532-5520
Billy Cantrell	GA D.O.T	770-532-5563
Bobby Murray	Geo. Dot.	770 532-5563
Leon White	ALLtel	706-776-4507

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
OFFICE:

PROJECT CONCEPT REPORT SIGN OFF

S.R. 323 AT NORTH OCONEE RIVER & NORTH OCONEE RIVER OVERFLOW

Project Number: BRST-1695(4), BRST-1695(3)
County: Hall
P. I. Number: 142292, 142293
Federal Route Number: N/A
State Route Number: 323
County Road Number: N/A
Date of Report: November 8, 2000 Revised:

RECOMMENDATION FOR APPROVAL

This project concept is contained in the State Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the STIP.

Date	State Transportation Planning Administrator
Date	State Transportation Programming Engineer
Date	State Environmental/Location Engineer
Date	District 1 Engineer / Gainesville
Date	Project Review Engineer
11/9/00 Date	Paul V. Liles Jr. State Bridge & Structural Engineer
Date	State Traffic Operations Engineer
Date	Project Manager – Ted Cashin

Project Location Map: See Page 2

Department of Transportation
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE

File: BRST-1695(3) & (4)/Hall County
P.I. No. 142293 & 142292

Office: Traffic Operations
Atlanta, Georgia
Date: November 13, 2000

From: M.G. Waters, III, P.E., State Traffic Operations Engineer

To: Wayne Hutto, Assistant Director of Preconstruction

Subject: Project Concept Report Review

We have reviewed the concept report on the above project for the replacement of two structurally deficient and functionally obsolete bridges, on SR 323 over the North Oconee River and North Oconee River Overflow. Both structures are 23.7 feet wide with sufficiency ratings of 45 and 34.4, respectively.

SR 323, is a rural two lane roadway with a posted speed limit of 55mph. Construction year, 2006, traffic counts are estimated at 2500vpd. Design year, 2026, traffic volumes are expected to increase to 4500vpd.

This project proposes to construct new structures, 44 feet in width, on the same location as the existing bridges utilizing temporary detours on either side. This width is in accordance with MOG 4265-10. The roadway approach will consist of two 12 foot travel lanes with 10 foot shoulders, of which 4 feet will be paved.

We believe this concept will improve safety and traffic operations along this section of roadway.

We therefore find this report satisfactory for approval.

MGW:TWS

Attachment (signature page)

c: Harvey Keepler
James R. Chambers, P.E., State Consultant Design Engineer
Attention: Ted Cashin
David Mulling, w/ attachment
Marta Rosen
Joe Garland, District Traffic Operations Engineer, Gainesville
Chuck Hasty, TMC
General Files

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
OFFICE:

PROJECT CONCEPT REPORT SIGN OFF

S.R. 323 AT NORTH OCONEE RIVER & NORTH OCONEE RIVER OVERFLOW

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County: Hall
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Federal Route Number: N/A
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Date	State Environmental/Location Engineer
Date	District 1 Engineer / Gainesville
Date	Project Review Engineer
Date	State Bridge & Structural Engineer
11/20/2000 Date	State Traffic Operations Engineer
Date	Project Manager – Ted Cashin

Project Location Map: See Page 2

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
OFFICE:

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S.R. 323 AT NORTH OCONEE RIVER & NORTH OCONEE RIVER OVERFLOW

Project Number: BRST-1695(4), BRST-1695(3)
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P. I. Number: 142292, 142293
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State Route Number: 323
County Road Number: N/A
Date of Report: November 8, 2000 Revised:

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11/09/00 Date	State Transportation Programming Engineer
Date	State Environmental/Location Engineer
Date	District 1 Engineer / Gainesville
Date	Project Review Engineer
Date	State Bridge & Structural Engineer
Date	State Traffic Operations Engineer
Date	Project Manager – Ted Cashin

Project Location Map: See Page 2