

D.O.T. 66

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE BR-0000-00(677) Chattooga County **OFFICE** Preconstruction
P. I. No. 0000677 **DATE** September 27, 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
Phillip Allen
Marta Rosen
Paul Liles
Jimmy Chambers
Kent Sager
BOARD MEMBER

Frank L. Danchetz

Page 2

BR-0000-00(677) Chattooga

September 19, 2001

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

CWH:JDQ/cj

Attachment

CONCUR Thomas L. Turner by CWH
Thomas L. Turner, P.E., Director of Preconstruction

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

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE

FILE: BR-0000-00(677) Chattooga
P.I. Number 0000677

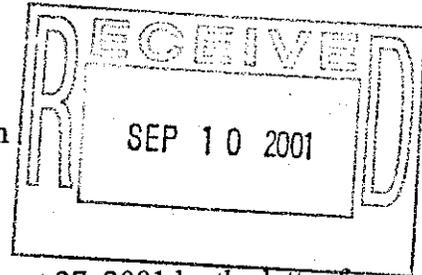
OFFICE: Engineering Services

DATE: September 7, 2001

FROM: David Mulling, ^{COM} Project Review Engineer

TO: Wayne Hutto, Assistant Director of Pre-construction

SUBJECT: CONCEPT REPORT



We have reviewed the concept report submitted August 27, 2001 by the letter from Kent Sager dated August 24, 2001, and have the following comments:

1. The Need and Purpose Statement should be expanded to identify problems with the existing bridge that justify replacement, such as sufficiency rating criteria being lower than 50. See Appendix B of the PDP for guidance.
2. Estimated quantities and unit prices need to be provided in the cost estimate. Costs cannot be verified without this information.

The costs for the project are:

Construction	\$313,000
Inflation	\$ 16,000
E&C	\$ 33,000
Reimbursable Utilities	\$ 0
Right of Way	\$ 16,000

DTM

c: Kent Sager – Attention: William Darby

SCORING RESULTS AS PER MOG 2440-2

Project Number: BR-0000-00(677)		County: CHATTOGA		PI No.: 0000677	
Report Date: 8/24/01		Concept By: DOT Office: DISTRICT 6			
<input checked="" type="checkbox"/> CONCEPT		Consultant: N/A			
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 <input type="checkbox"/> Building <input type="checkbox"/> Interchange <input type="checkbox"/> Intersection <input type="checkbox"/> Interstate <input type="checkbox"/> New Location <input type="checkbox"/> Widening & Reconstruction <input type="checkbox"/> Miscellaneous	
FOCUS AREAS	SCORE	RESULTS			
Presentation	90%	Need and Purpose Statement needs to be expanded to identify problems with existing bridge. Estimated quantities/unit prices needed in cost estimate.			
Judgement	100%				
Environmental	100%				
Right of Way	100%				
Utility	100%				
Constructability	100%				
Schedule	100%				

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

AUG 28 2001

FILE: BR-0000-00 (677) Chattooga County
P.I. No. 0000677
Bridge Replacement on C.R. 87/Peach Orchard Rd
At Alpine Creek

OFFICE: Cartersville, Georgia

DATE: August 24, 2001

FROM: Kent L. Sager, District Engineer

TO: Wayne Hutto, Assistant Division Director of Preconstruction

SUBJECT: Project Concept Report

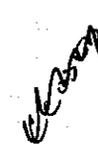
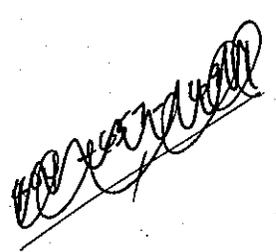
Attached is a copy of the concept report for project BR-0000-00 (677) Chattooga County. Copies have been forwarded to the appropriate offices for review and comment.

If additional information is needed, please call William M. Darby at 770-387-3622. As always, your assistance is greatly appreciated.

By: William M. Darby
District Design Engineer

KLS/wmd
Attachments:

cc:
David Mulling
Marion Waters
Harvey Keeper
Marta Rosen
Herman Griffin
Paul Liles
Andy Rikard
File



DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District Six
PROJECT CONCEPT REPORT

Project Number: BR-0000-00(677)

County: Chattooga

P. I. Number: 0000677

Federal Route Number: None

State Route Number: None

Bridge Replacement on CR 87/ Peach Orchard RD.
@ Alpine Creek

Recommendation for approval:

DATE 8-23-2001

Curtis D. Connor

Project Manager

DATE 8/23/01

Hert [Signature]

District Engineer

PLAN

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

DEL
9/5/2001

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Operations Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Engineer

Project Concept Report page _____
Project Number:
P. I. Number:
County:

Need and Purpose: This project will replace the narrow and structural deficient bridge on CR 87 at Alpine Creek in Chattooga County. Replacing this bridge will increase safety and operating efficiency at this location.

Description of the proposed project: This project is the replacement of the existing bridge on CR 87 at Alpine Creek in Chattooga County. The project will begin approximately 1000 ft west on Alpine Creek and end approximately 1000 ft. east of Alpine Creek for a project length of 0.20 miles.

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

PDP Classification:

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

Functional Classification: Rural Local Road _____

U. S. Route Number(s): None

State Route Number(s): None

Traffic (AADT):

Current Year: (2006) 200 Design Year: (2026) 400

Existing design features:

- Typical Section: 2-08 ft lanes with 2 ft. shoulders
- Posted speed 25 mph Maximum degree of curvature: 6°
- Maximum grade: 5° %
- Width of right of way: 40 ft.
- Major structures: 27 ft. long by 15 ft wide bridge at Rock Creek- Sufficient Rating 38.6
- Major interchanges or intersections along the project: None
- Existing length of roadway segment : 0.20 miles in Chattooga County

Project Concept Report page _____

Project Number:

P. I. Number:

County:

Proposed Design Features:

- Proposed typical section: *2-12 ft. lanes with 5-ft shoulders.*
- Proposed Design Speed Mainline 45 mph
- Proposed Maximum grade Mainline 10 % Maximum grade allowable 12 %.
- Proposed Maximum grade driveway 10 %
- Proposed Maximum degree of curve 6°. Maximum degree allowable 10°.
- Right of way
 - Width 80 ft.
 - Easements: Temporary (X), Permanent (), Utility (), Other ().
 - Type of access control: Full (), Partial (), By Permit (X), Other ().
 - Number of parcels: 2 Number of displacements:
 - Business: none
 - Residences: none
 - Mobile homes: none
- Structures:
 - Bridges (80-ft. X 30 ft. concrete bridge), The final size and type of structure will be determined by the hydraulic report.
- Traffic control during construction: *This road shall be closed during construction.*
- Design Exceptions to controlling criteria anticipated:

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

- Design Variances; none
- Environmental concerns: Section 404, *Water quality*

Project Concept Report page _____

Project Number:

P. I. Number:

County:

- Level of environmental analysis:
 - Are Time Savings Procedures appropriate? Yes (X), No (),
 - Categorical exclusion :Anticipated (X),
- Utility involvement: *Communications, Power*

Project responsibilities:

- Design, GDOT
- Right of Way Acquisition, Chattooga County
- Relocation of Utilities, Chattooga County
- Letting to contract, GDOT
- Supervision of construction, GDOT
- Providing material pits, Contractor
- Providing detours. Chattooga County

Coordination

- Concept team meeting –Minutes attached.
- FEMA, USCG
- Public involvement – Invited public officials to concept team meeting.
- Local government comments – See concept team meeting minutes.
- Other projects in the area. BR-0000-00(678) and BR-0000-00(679)
- FUTURE PASSENGER RAIL CORRIDOR YES _____ NO ~~X~~

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process: 12 Months.
- Time to complete preliminary construction plans: 6 Months.
- Time to complete right of way plans: 12 Months.
- Time to complete the Section 404 Permit: 12 Months.
- Time to complete final construction plans: 6 Months.
- Time to complete to purchase right of way: 6 Months.

Project Concept Report page _____

Project Number:

P. I. Number:

County:

Other alternates considered: No build

Comments:

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 meetings,
6. LGPA
7. Location and Design Notice

Concur: _____
Director of Preconstruction

Approve: _____
Chief Engineer

JDL
9/5/2001

NOTICE OF LOCATION AND DESIGN APPROVAL

BR-0000-00(677) Chattooga County
P.I. 0000677

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 Bridge Replacement on CR87/ Peach Orchard Road over Alpine Creek in Chattooga County, in GMD 968, and in Land Lots 214 14th District.

Date of Location and Design approval:

This project will be the Replacement of the existing bridge on CR87/ Peach Orchard Road over Alpine Creek in Chattooga County.

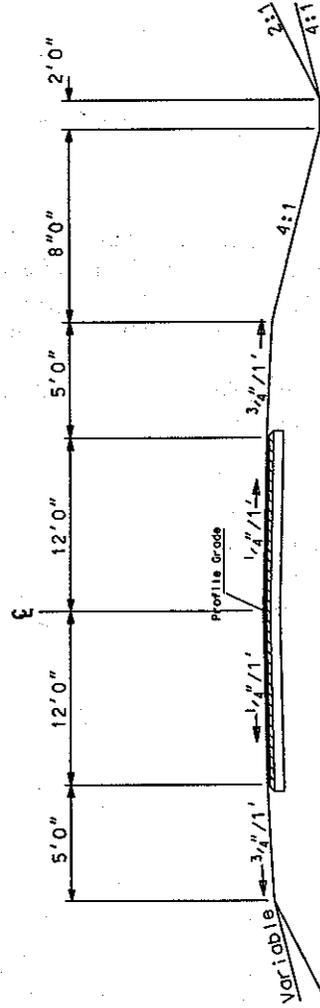
Drawings or maps of the proposed project as approved are on file and are available for inspection at the Georgia Department of Transportation, 500 Joe Frank Harris Parkway, Cartersville, Georgia, 30120. Or, any interested party may obtain a copy of the drawings, maps of plats by writing to the Georgia Department of Transportation, No. 2 Capitol Square, Atlanta, Georgia, 30334, and paying a nominal cost therefor.

Any written request in reference to this Notice SHOULD include the PROJECT AND P.I. NUMBER AS NOTED AT THE TOP OF THIS NOTICE, and may be referred to:

Curtis DeWayne Comer
Preconstruction Office
500 Joe Frank Harris Parkway
Cartersville, Georgia 30120
770-387-3619

STATE	PROJECT NUMBER	SCALE
GA.		AS SHOWN

TYPICAL SECTION





RECEIVED

APR 28 2000



GENERAL FILES

OFFICE OF PROGRAMMING Department of Transportation

WAYNE SHACKELFORD
COMMISSIONER
(404)656-5206

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

STEVEN L. PARKS
DEPUTY COMMISSIONER
(404)656-5212

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

April 11, 2000

BILLY F. SHARP
TREASURER
(404)656-5224

LOCAL GOVERNMENT PROJECT AGREEMENT

In consideration of the proposed improvements, CHATTOOGA County agrees to provide or perform the following at no cost to the Georgia D.O.T. for project BR-0000-00(677) CHATTOOGA CO., PI # 0000677:

BRIDGES

CR 87/PEACH ORCHARD ROAD @ ALPINE CREEK 1 MI SE OF MENLO

Provide all rights-of-way and/or easements needed for the construction of the project and remove existing structures or obstructions within the rights-of-way.

Make all utility relocations, adjustments or betterments of publicly owned utilities that are in conflict with construction of this project. Reimburse Georgia D.O.T. for any damages paid to the contractor for delay of construction caused by a delay in relocating the publicly owned utilities.

Relocate or adjust all privately owned utilities to clear construction of this project, including adjustments at railroad crossings if required.

Furnish detours, local borrow & waste pits as needed.

We support this project but choose not to commit any funding, realizing this may delay the project until additional funding can be found.

OTHER: Chattooga County to pay 20% towards construction cost.

This 24th day of Apr., 2000

APPROVED Jim Parker
City/County Official



ROAD INFORMATION SYSTEM

County	: CHATTOOGA	Type Median:	NONE
Route	: 8700, CR	Add.Lane lf:	NONE
Milepoint	: 0140	Add.Lane rt:	NONE
Number Lanes	: 02	Road system:	RURAL LOCAL
Travel Width	: 017	Int RD Name:	ALPINE CREEK
Truck %	: 3.1	Type Signal:	NONE
97 ADT,98 ADT	: 000470, 000480	Inv Year	: 99
Access Control:	UNCONTROLLED	Yr.Improved:	00
Paces rating	: 76 (1999)	Type Improv:	UNKNOWN
Truck Route	: NO	Surface Typ:	ASPHALT CONCRETE
Accident Data	: CALL T&S	Pop Density:	RURAL OUTSIDE INCORP AREA
Right of Way	: EST-040	Operation	: TWO WAY (NON RESTRICTED)
Speed Limit	: 25	Description:	BRS50270
Left shd width:	02	Lft Shd Typ:	GRASS
Rgt shd width:	02	Rgt Shd Ttp:	GRASS
District	: CARTERSVILL	Contact	: Michael Long)770) 387-3656

A advance, B=go back, M=back to menu: A

Bridge Inventory
CR 87 @ Alpine Creek
Chattooga Co.

055-5027-0

055-00087X-001.40W

STEEL BEAM'S w/ 8 1/2" DECK THICKNESS

SPAN LENGTH 27' DECK WIDTH 15'

CONDITION: Fair

SUFF RATING = 38.6

055-5046-0

055-00259X-000.87S

STEEL BEAM'S w/ 2 3/4" TIMBER DECK

SPAN LENGTH 60' DECK WIDTH 12.5'

CONDITION = POOR TO SERIOUS

SUFF RATING = 2.0

055-5056-0

055-00322X-003.49N

STEEL BEAM'S w/ 3" DECK

SPAN LENGTH 40' DECK WIDTH 20.3'

CONDITION: FAIR

SUFF RATING = 31.0

Location & Geography

Structure I.D.No: 055-5027-0
 200 Bridge Information
 6A Feature Int: ALPINE CREEK
 6B Critical Bridge: 0
 7A Route Number Carried: CR00087
 7B Facility Carried: PEACH ORCHARD ROAD
 9 Location: 1 MI SE OF MENLO
 2 DOT District: 6
 207 Year Photo: 1998
 91 Inspection Frequency: 24 Date: 03/01/2000
 92A Fract Crit Insp Freq: 00 Date: 02/01/1901
 92B Underwater Insp Freq: 00 Date: 02/01/1901
 92C Other Sp. Insp Freq: 00 Date: 02/01/1901
 4 Place Code: 00000
 5 Inventory Route (O/U): 1
 Type: 4
 Designation: 1
 Number: 00087
 Direction: 0
 16 Latitude: 34-28.3 MMS Prefix:
 17 Longitude: 85-27.9 MMS Suffix: MP:
 98 Border Bridge: 000 %Shared: 00
 99 ID Number: 000000000000000
 100 STRAHNET: 0
 12 Base Highway Network: 0
 13A LRS Inventory Route:
 13B Sub Inventory Route:
 101 Parallel Structure: N
 102 Direction of Traffic: 3
 264 Road Inventory Mile Post: 001.40
 208 Inspection Area: 06 Initials: BDH
 Engineer's Initial:

Location I.D. No.: 055-00087X-001.40W

Signs & Attachments

* 104 Highway System:	0		
* 26 Functional Classification:	09		
* 204 Federal Route Type:	0	No.: 00000	
* 105 Federal Lands Highway:			
* 110 Truck Route:	0		
206 School Bus Route:	1		
217 Benchmark Elevation:	0000.00		
218 Datum:	0		
* 19 Bypass Length:	01		
* 20 Toll:	3		
* 21 Maintenance:	02		
* 22 Owner:	02		
* 31 Design Load:	0		
37 Historical Significance:	5		
205 Congressional District:	07		
27 Year Constructed:	1939		
106 Year Reconstructed:	0000		
33 Bridge Median:	0		
34 Skew:	00		
35 Structred Flared:	0		
38 Navigation Control:	0		
213 Special Steel Design:	0		
267 Type of Paint:	6		
* 42 Type of Service on:	1	Under:	
	5		
214 Movable Bridge:	0		
203 Type Bridge:	M-D-M-O		
259 Pile Encasement:	3		
* 43 Structure Type Main:	3	02	
45 No. Spans Main:	001		
44 Structure Type Appr:	0	00	
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		
	0	Membrane:	
	0	Protection:	

225 Expansion Joint Type:	00
242 Deck Drains:	0
243 Parapet Location:	0
Height:	0.00
238 Curb:	0.00
239 Handrail:	2
* 240 Median Barrier Rail:	0
241 Bridge Median Height:	0.00
Width:	0.00
* 230 Guardrail Loc Dir Rear:	0
Fwrd:	0
Oppo Dir Rear:	0
Fwrd:	0
244 Approach Slab:	0
224 Retaining Wall:	1
233 Posted Speed Limit:	00
236 Warning Sign:	0
234 Delineator:	0
235 Hazard Boards:	0
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

BR-0000-00(677) CHATTOOGA

Programming Data

201 Project No.: COUNTY DESIGN
 202 Plans Available: 0
 249 Prop. Proj. No. BR-0000-00 (677)
 250 Approval Status: 0000
 251 P.I. No.: 0000677
 252 Contract Date: 02/01/2004
 260 Seismic No.: 00000
 75 Type Work: 31 1
 94 Bridge Imp. Cost: \$ 56
 95 Roadway Imp. Cost: \$ 433
 96 Total Imp Cost: \$ 540
 76 Imp. Length: 005334
 97 Imp. Year: 1990
 114 Future ADT: 000720 Year: 2019

Measurements

* 29 ADT: 000480 Year: 1999
 109 % Trucks: 1
 * 28 Lanes On: 01 Under: 00
 210 No. Tracks On: 00 Under: 00
 * 48 Max. Span Length: 0027
 * 49 Structure Length: 27
 51 Br. Rwdy. Width: 14.40
 52 Deck Width: 15.00
 * 47 Tot. Horz. Cl: 14.40
 50 Curb/Sdewlk Width: 0.00/0.00
 32 Approach Rdwy Width: 016
 * 229 Shoulder Width:

Rear Lt: 0.00 Type: 7 Rt: 0.00
 Fwd Lt: 0.00 Type: 7 Rt: 0.00
 Pavement Width:
 Rear: 16.00 Type: 2
 Fwd: 16.00 Type: 2
 Intersection Rear: 0 Fwd: 0
 36 Safety Features Br. Rail:
 Transition: 0
 App. G. Rail: 0
 App. Rail End: 0
 53 Minimum Cl. Over:
 Under: N
 * 228 Min. Vertical Cl
 Act. Odm Dir: 99 ' 99 "
 Oppo. Dir: 99 ' 99 "
 Posted Odm. Dir: 00 ' 00 "
 Oppo. Dir: 00 ' 00 "
 55 Lateral Underel. Rt: N 99.90
 56 Lateral Underel. 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: 8.50
 Deck Thick Approach: 0.00
 246 Overlay Thickness: 4.00
 212 Year Last Painted: Sup: 1939 Sub: 0000

Hydraulic Data

215 Waterway Data
 Highwater Elev.: 0000.0 Year: 1900
 Avg. Streambed Elev.: 0000.0 Freq.: 00
 Drainage Area: 00000
 Area Of Opening: 000000
 113 Scour Critical: 6
 216 Water Depth: 00.8 Br. Height: 06.5
 222 Slope Protection: 0
 221 Spur Dikes Rear: 0 Fwd: 0
 219 Fender System: 0
 220 Dolphin: 0
 223 Culvert Cover: 000
 Type: 0
 No. Barrels: 0
 Width: 0.00 Height: 0.00
 Length: 0 Apron: 0
 * 265 U/W Insp. Area: 0 Diver: ZZZ

* Location I.D. No.: 055-00087X-001.40W

Ratings

65 Inventory Rating Method: 2
 63 Inventory Rating Method: 2
 66 Inventory Type: 2 Rating: 15
 64 Operating Type: 2 Rating: 29
 231 Calculated Loads
 H-Modified: 11 1
 HS-Modified: 17 0
 Type 3: 12 1
 Type 3s2: 18 1
 Timber: 16 1
 Piggyback: 00 0

261 H Inventory Rating: 09
 262 H Operating Rating: 17
 67 Structural Evaluation: 4
 58 Deck Condition: 5
 59 Superstructure Condition: 6
 * 227 Collision Damage: 0
 60A Substructure Condition: 5
 60B Scour Condition: 5
 60C Underwater Condition: N
 71 Waterway Adequacy: 8
 61 Channel Protection Cond: 6
 68 Deck Geometry: 3
 69 UnderCir. Horz/Vert: N
 72 Appr. Alignment: 3
 62 Culvert: N

Posting Data

70 Bridge Posting Required: 3
 41 Struct Open, Posted, Cl: P
 * 103 Temporary Structure: 0
 232 Posted Loads H-Modified: 11
 HS-Modified: 00
 Type 3: 12
 Type 3s2: 18
 Timber: 16
 Piggyback: 00

253 Notification Date 02/15/1996
 253 Fed Notify Date: 02/01/1901

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: BR-0000-00(677)

COUNTY: Chattooga

DATE:

ESTIMATED LETTING DATE: FY 2004

PREPARED BY: William M. Darby

PROJECT LENGTH (MILES): 0.21 MILES

() PROGRAMMING PROCESS (X) CONCEPT DEVELOPMENT () DURING PROJECT DEV.

PROJECT COST	
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. REIMBURSABLE UTILITIES:	
1. RAILROAD	\$ 0
2. TRANSMISSION LINES	\$ 0
3. SERVICES	\$ 0
SUBTOTAL:B	\$ 0
C. CONSTRUCTION:	
1. MAJOR STRUCTURES:	
a. RETAINING WALLS	\$ 0
b. BRIDGES: 80' X 30' CONC. BRIDGE (2,000 SF)	\$ 180000.00
c. DETOURS BRIDGES	\$ 0
d. BOX CULVERTS	\$ 0
SUBTOTAL:C-1	\$ 180000.00
2. GRADING AND DRAINAGE:	
a. EARTHWORK: 7000 CY	\$ 35000.00
b. DRAINAGE:	
1) Cross Drain Pipe (exclude box culverts)	\$ 3700.00
2) Curb and Gutter	\$ 0
3) Longitudinal System(include catch basins)	\$ 0
SUBTOTAL:C-2	\$ 38700.00

PROJECT COST

3. BASE AND PAVING:		
a. AGGREGATE BASE		\$ 29000.00
b. ASPHALT PAVING: Surface	\$ 13000.00	
Binder	\$ 17300.00	
Base	\$	
SUBTOTAL:C-3.b		\$ 30300.00
c. CONCRETE PAVING		\$ 0
d. OTHER		\$ 0
SUBTOTAL:C-3		\$ 59300.00
4. LUMP ITEMS:		
a. TRAFFIC CONTROL		\$ 10000.00
b. CLEARING AND GRUBBING		\$ 6000.00
c. LANDSCAPING		\$ 0
d. EROSION CONTROL		\$ 5000.00
e. DETOURS		\$ 0
SUBTOTAL:C-4		\$ 21000.00
5. MISCELLANEOUS:		
a. LIGHTING		\$ 0
b. SIGNING - STRIPING - SIGNAL		\$ 0
c. GUARDRAIL		\$ 13800.00
d. SIDEWALK - MEDIAN BARRIER		\$ 0
SUBTOTAL:C-5		\$ 13800.00
6. SPECIAL FEATURES	SUBTOTAL:C-6	\$ 0

ESTIMATE SUMMARY

A. RIGHT-OF-WAY		LGPA \$
B. REIMBURSABLE UTILITIES		LGPA \$
C. CONSTRUCTION		
1. MAJOR STRUCTURES	\$ 180000.00	
2. GRADING AND DRAINAGE	\$ 38700.00	
3. BASE AND PAVING	\$ 59300.00	
4. LUMP ITEMS	\$ 21000.00	
5. MISCELLANEOUS	\$ 13800.00	
6. SPECIAL FEATURES	\$ 0	
SUBTOTAL CONSTRUCTION COST	\$ 312800.00	
E. & C. (10%)	\$ 31280.00	
INFLATION (5% PER YEAR)	\$ 15640.00	
NUMBER OF YEARS	2	
TOTAL CONSTRUCTION COST		\$359720.00
GRAND TOTAL PROJECT COST		\$359720.00

Rights of Way Cost Estimate

BR-0000-00(677) Chattooga County

P.I. No. 0000677

Existing R/W= 40 Ft.

Required R/W= 100 Ft.

Approximately 2.9 acres of required R/W

2.9 X \$5500 = \$15,950.00

Total R/W cost \$15,950.00

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

Concept Team Meeting

Project: STP-0000-00(677) Chattooga County
PI No.: 0000677

Date: 08-16-2001
Meeting Date: 08-06-2001

Meeting Roster:

William Darby	District 6 Design
Newell Reed	Area 4
Garry Reed	Area 4
Denver Poole	Local Government R/W Coordinator
Royce Turner	District 6 Utilities
Jim Parker	Chattooga County Commissioner
Sid Swords	City of Menlo
David Moore	District 6 Design
Joyce Founts	District 6 Design
Danny Roberson	District 6 Design

Comments: A concept team meeting was held at the project site on 08-06-2001. The project was discussed with the following comments.

This project is the replacement of the existing bridge on CR87/ Peach Orchard Road at Alpine Creek in Chattooga County.

Construction: There should not be any unusual problems associated with the construction of this bridge.

Utilities: The existing utilities on this project are water and telephone.

Rights of Way: Chattooga County will be responsible for acquiring Rights of Way for this project.

Estimate: The estimate for this project is satisfactory.

Traffic: This road will be closed to through traffic during construction.

Environmental: Level of environmental analysis: Categorical Exclusion expected.

Bridge Site

- 1. The required bridge will be approximately 30 ft. x 80 ft.**
- 2. The new bridge will be constructed at the location of the existing bridge. The city of Menlo request the alignment be shifted 10 ft. to the north to avoid a water line.**
- 3. The bridge should span the creek, and all construction activities should avoid the creek.**
- 4. There is an existing pipe located 500 ft. west of the existing. The City on Menlo request that this pipe be replaced or that the drainage be ditched to the stream.**

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
District Six

Project Number: BR-0000-00(677)
County: Chattooga
P. I. Number: 0000677

Federal Route Number: None
State Route Number: None

Bridge Replacement on CR 87/ Peach Orchard RD.
@ Alpine Creek

Recommendation for approval:

DATE 8-23-2001

Curtis D. Comer

Project Manager

DATE 8/23/01

Kent L. Soy

District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Operations Engineer

DATE _____

Project Review Engineer

DATE 8/31/01

Paul V. Tules Jr.
State Bridge and Structural Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
District Six

Project Number: BR-0000-00(677)

County: Chattooga

P. I. Number: 0000677

Federal Route Number: None

State Route Number: None

Bridge Replacement on CR 87/ Peach Orchard RD.
@ Alpine Creek

Recommendation for approval:

DATE 8-23-2001

Curtis D. Connor
Project Manager

DATE 8/23/01

Hert J. Soy
District Engineer

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

DATE 8/29/01

Marta V. Row
State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Operations Engineer

DATE _____

Project Review Engineer

DATE _____

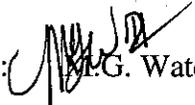
State Bridge and Structural Engineer

Department of Transportation
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE

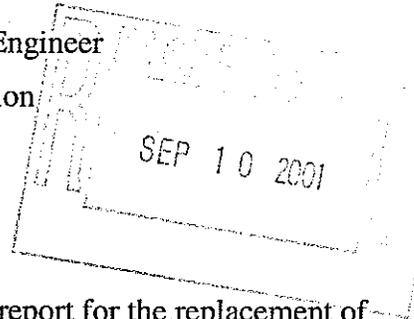
File: BR - 0000-00 (677) / Chattooga County
P.I. No. 0000677

Office: Traffic Operations
Atlanta, Georgia
Date: August 29, 2001

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 above referenced concept report for the replacement of the structurally deficient bridge on CR 87 over Alpine Creek. This project is located southeast of Menlo.

The existing structure is 15 feet wide with a sufficiency rating of 38.6. The concept proposes to construct a new structure 30 feet wide for the two-lane roadway. The current ADT is 200 vehicles and the design year ADT is projected to be 400 vehicles. The proposed bridge width is in accordance with MOG 4265-09 for this type of roadway.

We believe this concept will improve safety and traffic operations within this area, therefore find this report satisfactory for approval.

MGW/BM

Attachment (signature page)

Cc: Harvey Keeper, State Environment/Location Engineer
Kent Sager, District Engineer - Cartersville
Attention: William Darby, District Design 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
District Six

Project Number: BR-0000-00(677)
County: Chattooga
P. I. Number: 0000677

Federal Route Number: None
State Route Number: None

Bridge Replacement on CR 87/ Peach Orchard RD.
@ Alpine Creek

Recommendation for approval:

DATE 8-23-2001

Curtis D. Connor
Project Manager

DATE 8/23/01

Mark J. [Signature]
District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE 08/31/01

Maria [Signature]
State Traffic Operations Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE PFH-0000-00(847) Gilmer County **OFFICE** Preconstruction
P.I. No. 0000847 **DATE** September 19, 2001

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 a structurally deficient bridge on CR 153/FH 34 over Rock Creek, 9.0 miles northeast of Ellijay, Georgia. The existing bridge, constructed in 1975, is load limited with a sufficiency rating of 48. County Road 153 at this location is a rural two lane roadway with 10.5' travel lanes with rural shoulders. Traffic is projected to be 200 VPD and 400 VPD in the years 2005 and 2025 respectively. The posted speed is 35 MPH and the design speed is 30 MPH.

The construction proposes to relocate CR 153/FH 34 north of its present location, extending a total of 0.20 mile. The project will be designed to correct the existing adverse curvature and meet design guidelines. The proposed new bridge will be 80' x 30' and will be located just north of the existing bridge structure. The relocated CR 153/FH 34 will consist of two, 12' lanes with 5' rural shoulders. 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; a public hearing is not required; 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)	\$378,000	\$238,000	2002	01-12
Right-of-Way & Utilities*	-0-	-0-		

*LGPA sent 7-19-00 requesting Gilmer County do right-of-way, utilities and detours.