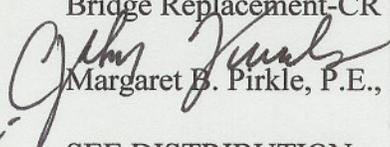


D.O.T. 66

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0006323, Gilmer County **OFFICE** Preconstruction
CSBRG-0006-00(323)
Bridge Replacement-CR 101 over Cartecay River **DATE** November 29, 2005

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

TO  SEE DISTRIBUTION

SUBJECT APPROVED PROJECT CONCEPT REPORT

Attached for your files is the approval for subject project.

MBP/cj

Attachment

DISTRIBUTION:

- Brian Summers
- Harvey Keepler
- Ken Thompson
- Jamie Simpson
- Michael Henry
- Keith Golden
- Joe Palladi (file copy)
- Paul Liles
- Babs Abubakari
- Kent Sager
- BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. 0006323, Gilmer County **OFFICE** Preconstruction
 CSBRG-0006-00(323)
 Bridge Replacement-CR 101 over Cartecay River **DATE** October 24, 2005

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

TO David E. Studstill, Jr., P.E., Chief Engineer

SUBJECT PROJECT CONCEPT REPORT

This project is the replacement of a structurally deficient bridge on CR 101/Lower Cartecay Road over Cartecay River, 6.0 miles east of Ellijay, Georgia. The existing bridge, constructed in 1959, is load limited with a sufficiency rating of 46. County Road 101 at this location is a rural two lane roadway with 10' travel lanes with rural shoulders. This section of CR 101 is classified as a local road and is part of the GDOT's Statewide Bicycle and Pedestrian Plan, Mountain Crossing Corridor (Route 90). Traffic is projected to be 650 VPD and 1000 VPD in the years 2005 and 2025 respectively. The proposed design speed is 35 MPH.

The construction proposes to construct a new 120' x 38' concrete bridge over Cartecay River at the existing bridge site. The approaches will consist of two, 12' lanes with 8' rural shoulders with 6.5' bike lanes on both sides. The existing roadway will be closed and traffic detoured during construction utilizing existing roads.

Environmental concerns include requiring a COE 404 permit; a Categorical Exclusion be prepared; a public information open house will be held; time saving procedures are appropriate.

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>FUNDING</u>	<u>PROG DATE</u>
Construction (includes E&C and inflation)	\$1,152,000	\$1,150,000	Q11	2014
Right-of-Way & Utilities*	Local	Local	Local	

* Gilmer County signed LGPA on 6-30-05 for right-of-way and utilities.

David Studstill

Page 2

P. I. No. 0006323, Gilmer

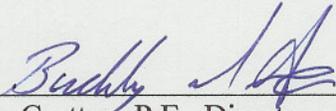
October 24, 2005

I recommend this project concept be approved.

MBP:JDQ/cj

Attachment

CONCUR

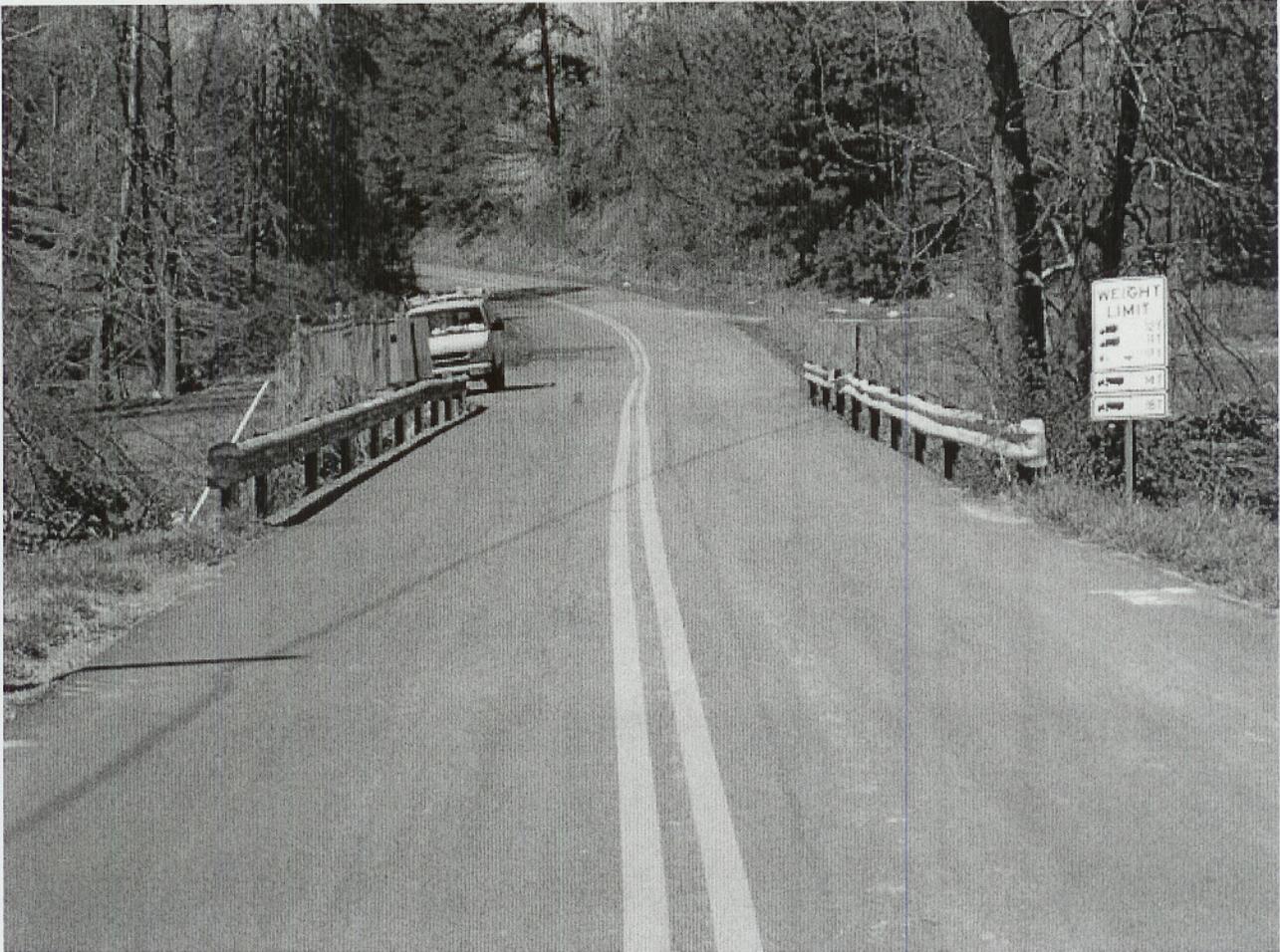

Buddy Gratton, P.E., Director of Preconstruction

APPROVE


David E. Studstill, Jr., P.E., Chief Engineer



ELEVATION VIEW FROM THE LEFT SIDE



ALIGNMENT VIEW LOOKING NORTH

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
DISTRICT 6

PROJECT CONCEPT REPORT

CSBRG-0006-00(323)
GILMER COUNTY
P.I. 0006323

Federal Route Number: None
State Route Number: None

Recommendation for approval:

DATE 10-18-05

Curtis O. Corn

Project Manager

DATE 10/14/2005

Keith Sage
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 the State Transportation Improvement Program (STIP).

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety & Design Engineer

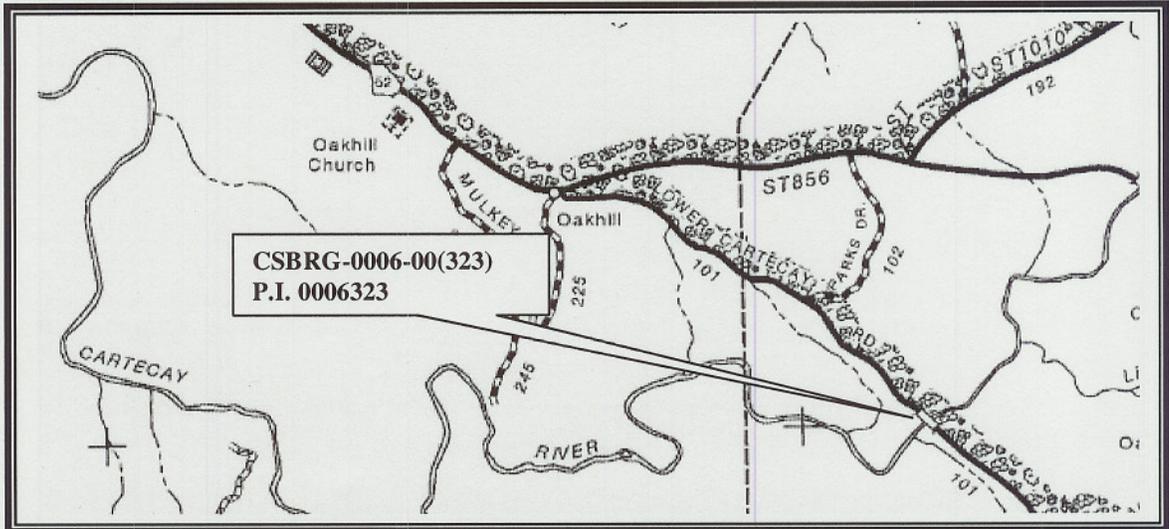
DATE _____

State Bridge Design Engineer

DATE _____

Project Review Engineer

LOCATION
PROJECT CSBRG-0006-00(323), GILMER COUNTY
P.I. NO 0006323
Bridge Replacement
CR 101/Lower Cartecay Road over Cartecay River



Project Concept Report page 3
Project Number: CSBRG-0006-00(323)
P. I. Number: 0006323
County: GILMER

Need and Purpose: See Attachment "A"

Description of the proposed project: This project is a bridge replacement on CR101/Lower CARTECAY RD. over Cartecay River. There will be two 12 foot lanes with eight foot shoulders. The design year ADT dictates that the Bridge Width will be 32 feet minimum. There will also be 8 foot shoulders with 6.5 foot bike lanes each side of the proposed roadway. This taken into account the bridge width would increase to 37 feet wide. The next standard bridge width of 38 feet will be used for this project. The anticipated Bridge Length is 120 feet.

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

PDP Classification: Major Minor X
Federal Oversight: Full Oversight (), Exempt (X), State Funded(), or Other ()

Functional Classification: 09 Local Rural

U. S. Route Number(s): None **State Route Number(s):** None

Traffic (AADT):
Current Year: (2010) 650 Design Year: (2030) 1000

Existing design features:

- Typical Section: Two 10 Ft Lanes With 2 Ft Shoulders.
- Posted speed: None; County proposing 35 mph Minimum radius for curve: 545
- Maximum super-elevation rate for curve: 5%
- Maximum grade: 5%
- Width of right of way: 40 ft.
- Major structures: BRS50240 20 Ft X 115 Ft Sufficiency Rating of 46.21
- Major interchanges or intersections along the project: None
- Existing length of roadway segment and the beginning mile logs for each county segment: Mile Log 2.70 to Mile Log 3.10

Project Concept Report page 4
 Project Number: CSBRG-0006-00(323)
 P. I. Number: 0006323
 County: GILMER

Proposed Design Features:

- Proposed typical section(s): Two 12 foot Lanes with 8 foot Shoulders *WITH 6.5' BIKE LANES*
- Proposed Design Speed Mainline 35 mph
- Proposed Maximum grade Mainline 5 % Maximum grade allowable 9 %.
- Proposed Maximum grade Side Street 5 % Maximum grade allowable 9 %.
- Proposed Maximum grade driveway 10 %
- Proposed Minimum radius for curve 545 Minimum radius allowable 350
- Proposed Maximum super-elevation rate for curve: 8%
- Proposed Maximum degree of curve 10 . Maximum degree allowable 16 .
- Right of way
 - Width 80 Total .
 - Easements: Temporary (), Permanent (), Utility (), Other () .
 - Type of access control: Full (), Partial (), By Permit (), Other () .
 - Number of parcels: 6 Number of displacements:
 - Business: None
 - Residences: None
 - Mobile homes: None
 - Other: None
- Structures:
 - Bridges: 38 Ft. Wide X 120 Ft. Long
 - Retaining walls: None
- Major intersections and interchanges: None
- Traffic control during construction: Off Site Detour, Road 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. Endangered species. Possible historic barn. Possible historic bridge.

Project Concept Report page 5
Project Number: CSBRG-0006-00(323)
P. I. Number: 0006323
County: GILMER

- Level of environmental analysis:
 - Are Time Savings Procedures appropriate? Yes (X), No (),
 - Categorical exclusion (X),
 - Environmental Assessment/Finding of No Significant Impact (FONSI) (), or
 - Environmental Impact Statement (EIS) ().
- Utility involvements:

Ellijay Telephone Communication Phone No. 706-697-5558
Amicalola Power.

Project responsibilities:

- | | |
|--------------------------------|------------|
| ○ Design, | GDOT |
| ○ Right of Way Acquisition, | LOCAL |
| ○ Relocation of Utilities, | LOCAL |
| ○ Letting to contract, | GDOT |
| ○ Supervision of construction, | GDOT |
| ○ Providing material pits, | CONTRACTOR |
| ○ Providing detours. | LOCAL |

Coordination

- Concept meeting date and brief summary.
- P. A. R. meetings, dates and results: N/A
- FEMA, USCG, and/or TVA:
- Public involvement: Public Information Open House for off site detour.
- Local government comments: See Concept Team Meeting Notes.
- Other projects in the area: None
- Other coordination to date: None
- Railroads: None

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process: 18 Months.
- Time to complete preliminary construction plans: 12 Months.
- Time to complete right of way plans: 3 Months.
- Time to complete the Section 404 Permit: 6 Months.
- Time to complete final construction plans: 5 Months.
- Time to complete to purchase right of way: 9 Months.

Project Concept Report page 6
Project Number: CSBRG-0006-00(323)
P. I. Number: 0006323
County: GILMER

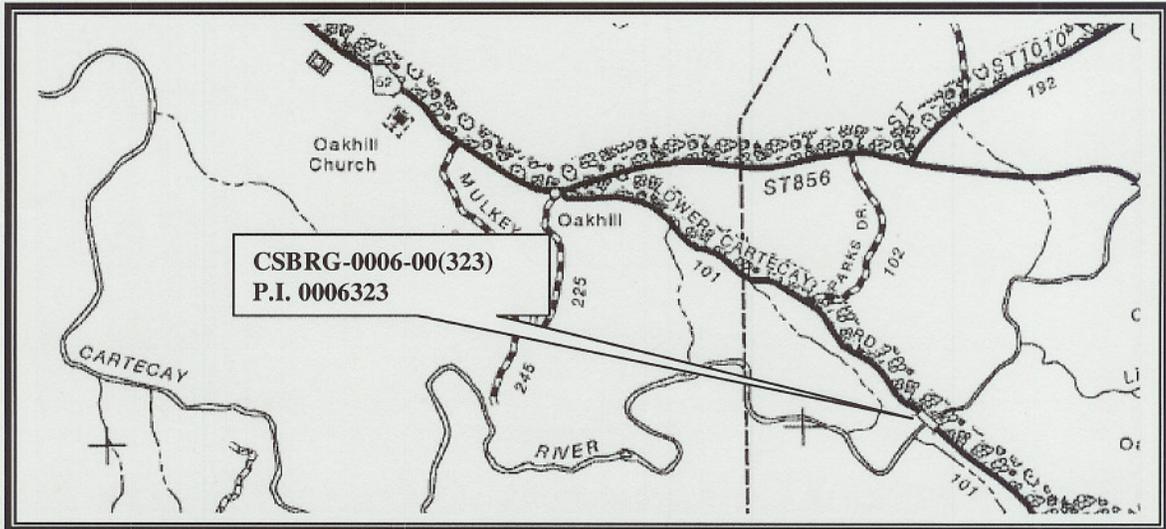
Other alternates considered: No Build

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. Need and Purpose
5. Bridge inventory,
6. Traffic Assignments
7. Minutes of Concept and Concept meetings,
8. Location and Design Notice

NEED AND PURPOSE
PROJECT CSBRG-0006-00(323), GILMER COUNTY
P.I. NO 0006323
Bridge Replacement
CR 101/Lower Cartecay Road over Cartecay River



Need and Purpose

This project is to replace the existing bridge on CR 101 (Lower Cartecay Road) over Cartecay River in Gilmer County. Based on GDOT design policy 2405-1, bridges with a sufficiency rating below 50 and on the Highway Bridge Replacement Rehabilitation Program (HBRRP) list are allowed to be replaced. The existing bridge constructed in 1959 has a sufficiency rating of 46.21 and is on the required HBRRP list.

Travel Demand

The Average Annual Daily Traffic (AADT) along CR 101 near the bridge is 550 Average Annual Daily Traffic (AADT) in 2005. The AADT is projected to increase to 1,000 AADT by 2030. There are no capacity concerns along the route. The LOS is currently A and is expected to remain A by 2030. Land use in the area is forest and mixed residential.

Environmental Justice

The bridge project is a part of Census Tract 1312080500, which has a population of 3,249. About 0.09% of this population is Black and 4.16% is Hispanic/Latino. About 10.6% of the population lives below the poverty level.

Other System Linkage

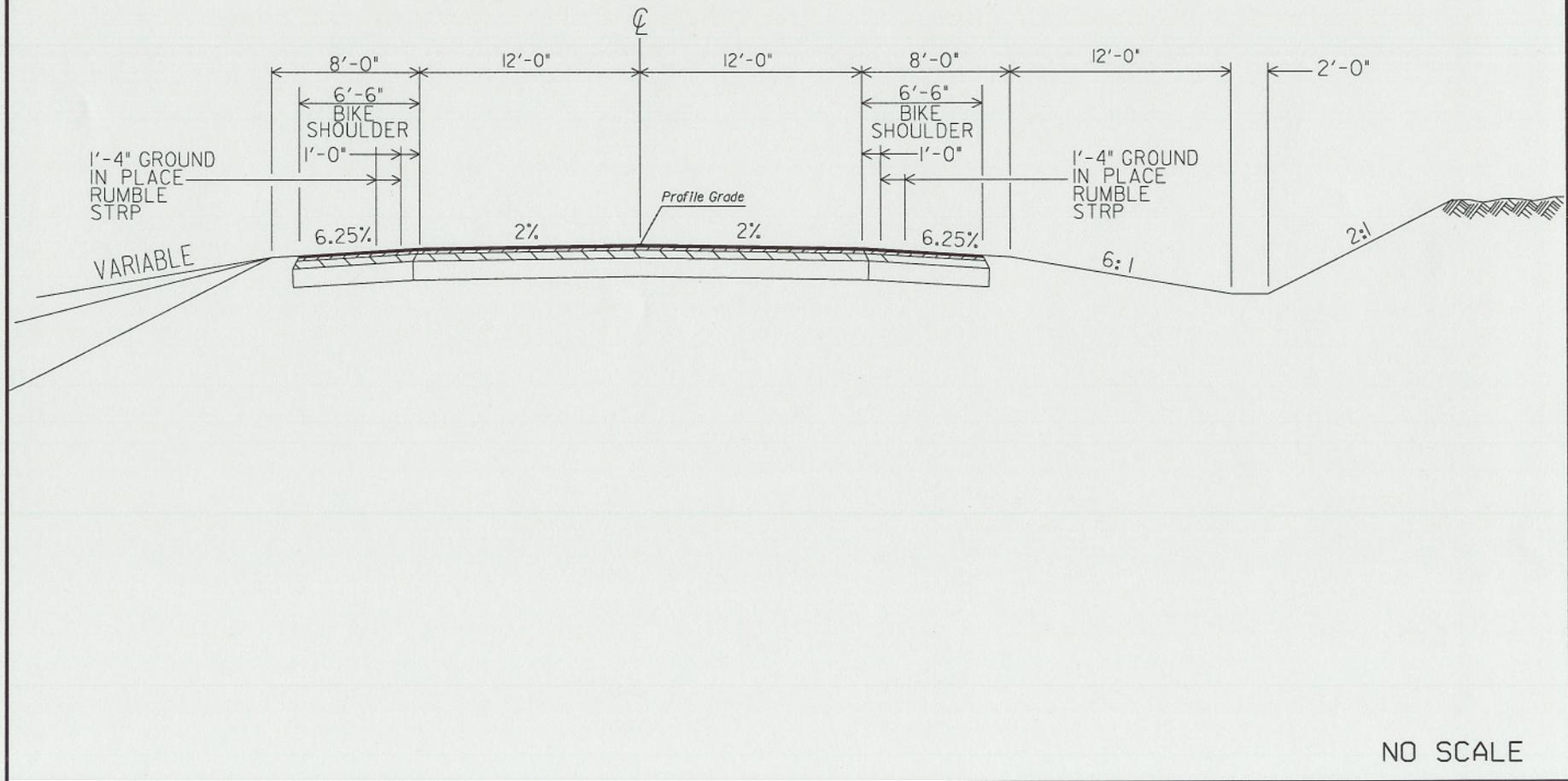
CR 101 is a part of the GDOT's Statewide Bicycle & Pedestrian Plan, Mountain Crossing Corridor (Route 90). Currently, there are no other projects in the GDOT's Construction Work Program that will directly impacted by the bridge project.

Conclusion/Recommendation

The existing bridge on CR 101 (Lower Cartecay Road) over Cartecay River in Gilmer County qualifies for replacement under GDOT design policy 2405-1.

STATE	PROJECT NUMBER	SHEET TOTAL
GA.	CSBRG-0006-001(323)	NO. SHEETS

TYPICAL SECTION



NO SCALE

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 123-5024-0

Gilmer

SUFF. RATING

46.21

Location & Geography

* Structure I.D.No: 123-5024-0
 200 Bridge Information 06
 * 6A Feature Int: CARTECAY RIVER
 * 6B Critical Bridge: 0
 * 7A Route Number Carried: CR00101
 * 7B Facility Carried: LOWER CARTECAY RD
 * 9 Location: 6 MI SE OF ELLIJAY
 2 DOT District: 6
 207 Year Photo: 1999
 * 91 Inspection Frequency: 24 Date: 04/01/2003
 92A Fract Crit Insp Freq: 00 Date: 02/01/1901
 92B Underwater Insp Freq: 00 Date: 02/01/1901
 92C Other Spc. Insp Freq: 00 Date: 02/01/1901
 * 4 Place Code: 00000
 * 5 Inventory Route (O/U): 1
 Type: 4
 Designation: 1
 Number: 00101
 Direction: 0
 * 16 Latitude: 34-38.3 MMS Prefix:
 * 17 Longitude 84-24.4 MMS Suffix: MP: 0.00
 98 Border Bridge: 000 %Shared: 00
 99 ID Number: 0000000000000000
 * 100 STRAHNET: 0
 12 Base Highway Network: 1
 13A LRS Inventory Route: 1232010100
 13B Sub Inventory Route: 0
 * 101 Parallel Structure: N
 * 102 Direction of Traffic 2
 * 264 Road Inventory Mile Post: 002.59
 * 208 Inspection Area: 06 Initials: DEM
 Engineer's Initial: jal
 * Location I.D. No.: 123-00101X-002.59N

Signs & Attachments

* 104 Highway System: 0
 * 26 Functional Classification: 09
 * 204 Federal Route Type: 0 No.: 00000
 105 Federal Lands Highway: 0
 * 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: 09
 27 Year Constructed: 1959
 106 Year Reconstructed: 1974
 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 of Service on: 1
 5
 214 Movable Bridge: 0
 203 Type Bridge: A-D-M-M
 259 Pile Encasement: 3
 * 43 Structure Type Main: 3 02
 45 No. Spans Main: 003
 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: 6
 108 Wearing Surface Type: 6
 M 0
 F 0
 225 Expansion Joint Type: 00
 242 Deck Drains: 0
 243 Parapet Location: 0
 Height: 0.00
 Width: 0.00
 238 Curb: 0.00 0
 239 Handrail: 2 2
 * 240 Median Barrier Rail: 0
 241 Bridge Median Height: 0.00
 Width: 0.00
 * 230 Guardrail Loc Dir Rear: 0
 Fwr: 0
 Oppo Dir Rear: 0
 Fwr: 0
 244 Approach Slab: 0
 224 Retaining Wall: 4
 233 Posted Speed Limit: 35
 236 Warning Sign: 1
 234 Delineator: 0
 235 Hazard Boards: 0
 237 Utilities Gas: 00
 W 00
 Ele 00
 Telephone: 00
 Se 00
 247 Lighting Street: 0
 Naviagtion: 0
 Aerial: 0
 * 248 County Continuity No.: 00

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 123-5024-0

Gilmer

SUFF. RATING

46.21

Programming Data

201 Project No.: DOT STEELPRLOP101-3(123)
 202 Plans Available: 0
 249 Prop. Proj. No. CSBRG-0006-00 (
 250 Approval Status: 0000
 251 P.I. No.: 0006323
 252 Contract Date: 02/01/2008
 260 Seismic No.: 00003
 75 Type Work: 31 1
 94 Bridge Imp. Cost: \$ 114
 95 Roadway Imp. Cost: \$ 48
 96 Total Imp Cost: \$ 192
 76 Imp. Length: 000322
 97 Imp. Year: 1990
 114 Future ADT: 001110 Year: 2022

Measurements

* 29 ADT: 000740 Year: 2002
 109 % Trucks: 3
 * 28 Lanes On: 02 Under: 00
 210 No. Tracks On: 00 Under: 00
 * 48 Max. Span Length: 0043
 * 49 Structure Length: 115
 51 Br. Rwdy. Width: 20.00
 52 Deck Width: 20.00
 * 47 Tot. Horz. Cl: 20.00
 50 Curb/Sdewlk Width 0.00/0.00
 32 Approach Rdwy Width: 020
 * 229 Shoulder Width:
 Rear Lt: 2.00 Type: 8 Rt: 2.00
 Fwd Lt: 2.00 Type: 8 Rt: 2.00
 Pavement Width:
 Rear: 20.00 Type: 2
 Fwd: 20.00 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: 99 ' 99 "
 Under: N 00 ' 00 "
 * 228 Min. Vertical Cl
 Act. Odm Dir: 99 ' 99 "
 Oppo. Dir: 99 ' 99 "
 Posted Odm. Dir: 00 ' 00 "
 Oppo. Dir: 00 ' 00 "
 55 Lateral Undercl. Rt: N 99.90
 56 Lateral Undercl. Lt: 0.00
 * 10 Max Min Vert Cl: 99 ' 99 " Dir: 0
 39 Nav Vert Cl: 000 Horz: 0000
 116 Nav Vert Cl Closed: 000
 245 Deck Thickness Main: 0.00
 Deck Thick Approach: 0.00
 246 Overlay Thickness: 3.50
 212 Year Last Painted: Sup: 1974 Sub: 0000

Ratings

65 Inventory Rating Method: 1
 63 Inventory Rating Method: 1
 66 Inventory Type: 2 Rating: 13
 64 Operating Type: 2 Rating: 22
 231 Calculated Loads
 H-Modified: 12 1
 HS-Modified: 14 1
 Type 3: 11 1
 Type 3s2: 18 1
 Timber: 17 1
 Piggyback: 00 0
 261 H Inventory Rating: 09
 262 H Operating Rating: 16
 67 Structural Evaluation: 2
 58 Deck Condition: 8
 59 Superstructure Condition: 7
 * 227 Collision Damage: 0
 60A Substructure Condition: 7
 60B Scour Condition: 7
 60C Underwater Condition: N
 71 Waterway Adequacy: 9
 61 Channel Protection Cond: 7
 68 Deck Geometry: 3
 69 UnderClr. Horz/Vert: N
 72 Appr. Alignment: 7
 62 Culvert: N

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: U
 216 Water Depth: 03.2 Br. Height: 13.9
 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.: 123-00101X-002.59N

Posting Data

70 Bridge Posting Required: 0
 41 Struct Open, Posted, Cl: P
 * 103 Temporary Structure: 0
 232 Posted Load -Modified: 12
 HS-Modified: 14
 Type 3: 11
 Type3s2: 18
 Timber: 17
 Piggyback: 00
 253 Notification Date 02/01/1901
 253 Fed Notifly Date: 02/01/1901 0

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

Right of Way Cost Estimate

CSBRG-0006-00(323)

PI No. 0006323

**Existing R/W= 40 Ft.
Required R/W= 110 Ft.**

Approximately 1.6 acres required R/W

1.6x\$31,100.00

Total R/W cost= \$50,000

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE CSBRG-0006-00(323)
Cr 101/Lower Cartecay Road @ Cartecay River

FROM Kerry D. Bonner
District Utilities Engineer

DATE August 3, 2005

SUBJECT PRELIMINARY UTILITY COST ESTIMATE

As requested by your office, we are furnishing you with a Preliminary Utility Cost estimates for each utility with facilities potentially located within the project limits.

FACILITY OWNER	NON- REIMBURSABLE	REIMBURSABLE	LOCAL GOVT. COST
Ellijay Telephone Comm.	\$4,840.00		
Totals	\$4,850.00		

Total Preliminary Utility Cost Estimate \$4,850.00

If you have any questions, please contact Stanley Horton at 770-382-3616

KDB/lsh

C: Jeff Baker, State Utilities Engineer;
James Chastain, Area Engineer
File/Estimating Book

PRELIMINARY COST ESTIMATE

DATE: 5/17/2005
PROJECT: CSBRG-0006-00(323)
P.I. NO: 0006323
COUNTY: GILMER

PROJECT DESCRIPTION: This project is a bridge replacement on CR101/Lower over Cartecay River. There will be two 12 foot lanes with eight foot shoulders. The design year ADT dictates that the Bridge Width will be 38 feet. The anticipate Bridge Length will be 140 feet.

TRAFFIC:	Existing:	<u>650</u>	Design:	<u>1000</u>
		YR 2010		YR 2030
()	PROGRAMMING PROCESS	(X)	CONCEPT DEVELOPMENT	()
			DURING PROJECT DEVELOPMENT	
A	RIGHT OF WAY			
	1 PROPERTY (Land and Easements)			\$ <u>50,000</u>
	2 DISPLACEMENTS			
	3 OTHER COSTS			
			SUBTOTAL	\$ <u>50,000</u>
B	REIMBURSABLE UTILITIES			
	1 RAILROAD			\$ <u>4,850</u>
	2 TRANSMISSION LINES			
	3 SERVICES			
			SUBTOTAL	\$ <u>4,850</u>
C	MAJOR STRUCTURES			
	1 WALLS			
	2 BRIDGE STREAM CROSSINGS			\$ <u>317,400</u>
	3 BRIDGE OVER/UNDERPASS			
	4 BOX CULVERTS			
			SUBTOTAL	\$ <u>317,400</u>

D	GRADING AND DRAINAGE	
	1 EARTHWORK	\$ 111,440
	2 DRAINAGE	\$ 41,380
	a. Cross drain pipes (exc. Box Culverts)	\$ 23,510
	b. Curb and Gutter	
	c. Longitudinal System (incl. Catch Basins)	
	SUBTOTAL	\$ 176,330
E	BASE AND PAVING	
	1 AGGREGATE BASE	\$ 88,760
	2 ASPHALT PAVING	\$ 74,650
	3 CONCRETE PAVING	\$ 5,880
	4 OTHER	\$ 11,760
	SUBTOTAL	\$ 181,050
F	LUMP ITEMS	
	1 TRAFFIC CONTROL	\$ 73,825
	2 CLEARING AND GRUBBING	\$ 26,570
	3 LANDSCAPING	\$ 17,630
	4 EROSION CONTROL	\$ 110,000
	5 DETOURS (Incl. Temp. Bridges)	
	SUBTOTAL	\$ 228,025
G	MISCELLANEOUS	
	1 LIGHTING	
	2 SIGNING & STRIPING	\$ 8,290
	3 GUARDRAIL	\$ 21,865
	4 OTHER (ROW Markers)	\$ 17,000
	SUBTOTAL	\$ 47,105
H	SPECIAL FEATURES	SUBTOTAL

ESTIMATE SUMMARY

CONSTRUCTION COST SUMMARY

A	MAJOR STRUCTURES	\$	317,400
B	GRADING AND DRAINAGE	\$	176,330
C	BASE AND PAVING	\$	181,050
D	LUMP ITEMS	\$	228,025
E	MISCELLANEOUS	\$	47,105
F	SPECIAL FEATURES	\$	-
	SUBTOTAL	\$	949,910
	E & C (10%)	\$	94,991
	INFLATION (5% PER YEAR)	\$	52,245
	TOTAL CONSTRUCTION COST	\$	1,097,146

ROW & UTILITIES COST SUMMARY

G	RIGHT OF WAY	\$	50,000
H	REIMBURSABLE UTILITIES	\$	4,850
	SUBTOTAL	\$	54,850
	GRAND TOTAL COST	\$	1,151,996

Department of Transportation State of Georgia

INTERDEPARTMENT CORRESPONDENCE

FILE CSBRG-0006-00(323), Gilmer County
P.I. # 0006323

OFFICE Environment/Location

DATE April 4, 2005

FROM Harvey D. Keeper., State Environment/Location Engineer

TO Kent L. Sager, P.E., District Engineer
Attn. Steve Malinak

SUBJECT Traffic Assignment for C.R. 101/Lower Cartecay Road @ Cartecay River in Gilmer County.

We are furnishing estimated Traffic Assignment for the above project as follows:

2005 AADT = 550
2010 AADT = 650
2030 AADT = 1000
K = 10%
D = 62%
T. = 10%
24 HOUR T = 6%
S.U. = 6%
COMB. = 0%

If you have any questions concerning this information please contact Rhonda Niles at (404) 699-4460.

HDK/RFN

10-4-2005

CONCEPT MEETING NOTES

CSBRG-0006-00(323)

PI No. 0006323

Bridge Replacement over Cartecay River at CR101/Lower Cartecay Rd.
Gilmer County

General Comments:

County:	The county said that Cr101/Lower Cartecay Rd. speed limit would be posted at 35 MPH. The county agreed to closing CR101 during construction of new bridge.
Utility:	Ellijay Telephone Comm & Amicalola Power. Appears to be minimal utility impact.
Environmental:	A barn on nearby tract is possibly Historical. The existing bridge to be replaced is possibly historical.
Construction:	There are endangered species in River.
Preconstruction:	Preconstruction recommends the road be closed during construction. Recommends shift roadway to the left so the fill slope on right will end prior to R/W of property on the right on the approach end of the bridge. .
Traffic OPS	No comments.

NOTICE OF LOCATION AND DESIGN APPROVAL

*CSBRG-0006-00(323) Gilmer
P. I. 0006323*

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 this project.

The date of location approval is *NOVEMBER 29, 2005*

This project consists of a bridge replacement on CR101/Lower Cartecay Road over Cartecay River in Gilmer County, in District 6, 112th Section Land Lot 216.

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, 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 therefore.

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:

Lou Chastain, Area Engineer
258 Maddox Drive
Ellijay, Georgia 30540
706-635-5551

Any written request 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, and may be referred to:

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

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

DISTRICT 6

PROJECT CONCEPT REPORT

CSBRG-0006-00(323)
GILMER COUNTY
P.I. 0006323

Federal Route Number: None
State Route Number: None

Recommendation for approval:

DATE 10-18-05

Curtis O. Corn

Project Manager

DATE 10/14/2005

Keith Soyars
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 the State Transportation Improvement Program (STIP).

DATE 10/19/05

Joseph P. Med.
State Transportation Planning Administrator

DATE _____

State Transportation Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety & Design Engineer

DATE _____

State Bridge Design Engineer

DATE _____

Project Review Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

DISTRICT 6

PROJECT CONCEPT REPORT

CSBRG-0006-00(323)
GILMER COUNTY
P.I. 0006323

Federal Route Number: None
State Route Number: None

Recommendation for approval:

DATE _____
Project Manager

DATE _____
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 the State Transportation Improvement Program (STIP).

DATE _____
State Transportation Planning Administrator

DATE _____

DATE 10.27.05 William D. Ancker
State Transportation Financial Management Administrator

DATE _____
State Environmental/Location Engineer

DATE _____
State Traffic Safety & Design Engineer

DATE _____
State Bridge Design Engineer

DATE _____
Project Review Engineer