ORIGINAL TO GENERAL FILES

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0005870, Bartow County
PRP-0005-00(870)
CR 204/Nalley Road over Little Pine Log Creek

OFFICE Preconstruction

DATE June 1, 2005

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

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

MBP/cj

Attachment

DISTRIBUTION:

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

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. 0005870, Bartow County **OFFICE** Preconstruction
PRP-0005-00(870)
CR 204/Nalley Road over Little Pine Log Creek **DATE** May 19, 2005

FROM for 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 bridge on CR 204/Nalley Road over Little Pine Log Creek, 7.2 miles north of White, Georgia. The existing approaches consist of two, 12' lanes with shoulders on 100' of existing right-of-way. The base year traffic (2007) is 150 VPD and the design years traffic (2027) is 300 VPD. The proposed design speed is 35 MPH.

The construction proposes to replace the existing structure with a 292' x 30' concrete bridge at the existing bridge site. The approaches will consist of two, 12' lanes with 4' rural shoulders. The existing bridge will be closed to traffic during construction.

Environmental concerns include requiring a COE 404 Permit; a Categorical Exclusion will be prepared; a public hearing open house is not required; time saving procedures are appropriate.

The estimated costs for this project are:

	PROPOSED	APPROVED	FUNDING	PROG DATE
Construction (includes E&C and inflation)	$920,000	$500,000	PRP	2006
Right-of-Way & Utilities*	Local	Local		

*Bartow County signed LGPA on 12-31-02 for right-of-way and utilities.

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

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE: PROJECT: PRP-0005-00(870)
COUNTY: Bartow
P.I. #: 0005870

OFFICE: Cartersville

DATE: May 6, 2004

FROM: Kent L. Sager, District Engineer

TO: Meg Pirkle, Assistant Division Director of Preconstruction

SUBJECT: PROJECT CONCEPT REPORT

Please find attached a copy of the concept report on the above project. Copies have been forwarded to the appropriate offices for review and comment.

If additional information is needed, please call David P. Moore at 770-387-3622.

By: David W. Ray
District Design Squad Leader

For: David P. Moore
District Design Engineer
District Six

KLS:DPM:dwr

Attachments:

CC: David Mulling
Marion Waters
Harvey Keepler
Marta Rosen
Herman Griffin
Andy Rikard
File

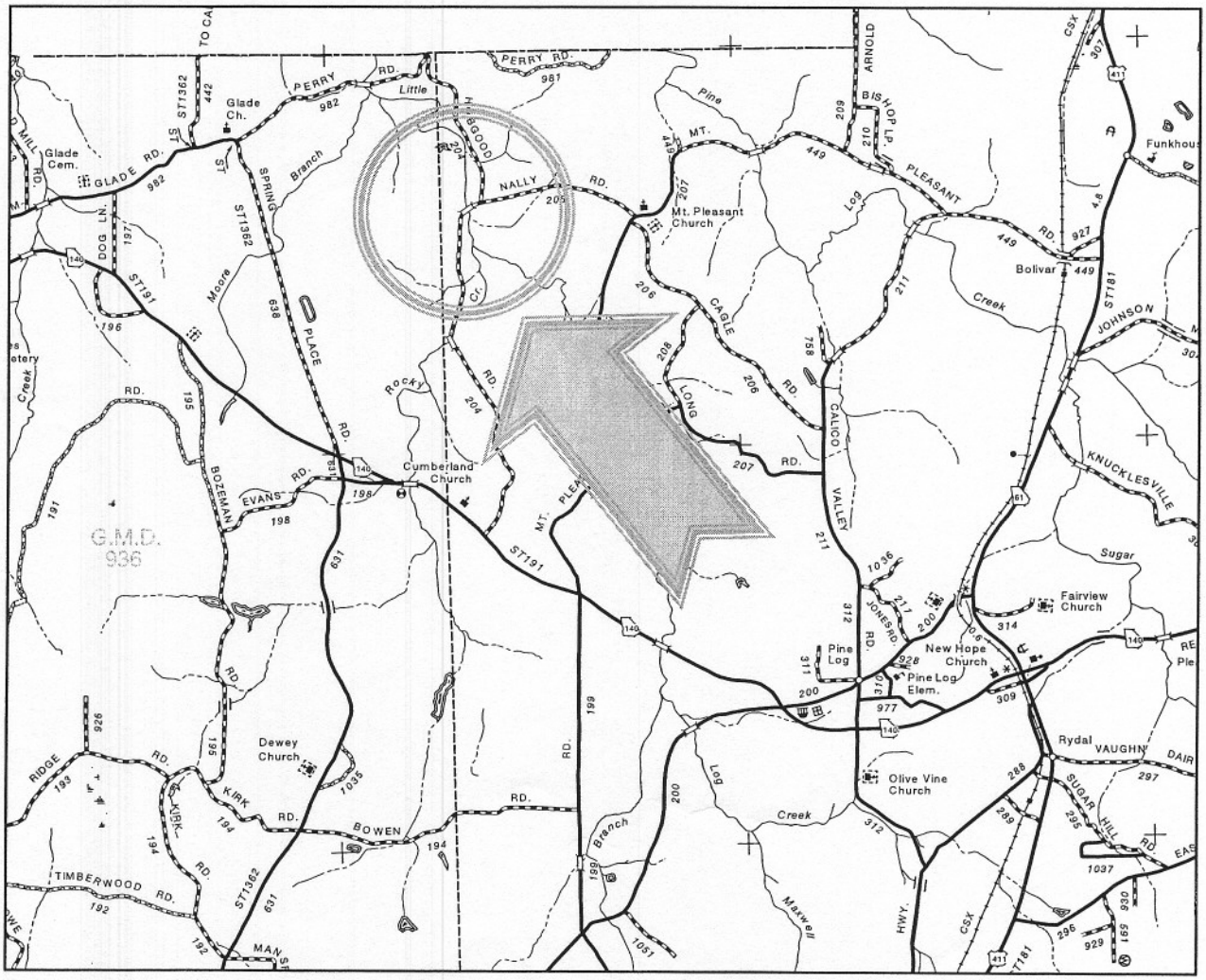
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District Six - Cartersville

PROJECT CONCEPT REPORT

Project Number: PRP-0005-00(870)
County: Bartow
P. I. Number: 0005870

Federal Route Number: None
State Route Number: None



Bridge Replacement on CR 204/Nalley Road at Little Pine Log Creek in Bartow County

Recommendation for approval:

DATE 5-6-04 Curtis D. Comer
Project Manager

DATE 5-6-04 Kent L. Lagen COC
Office Head/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

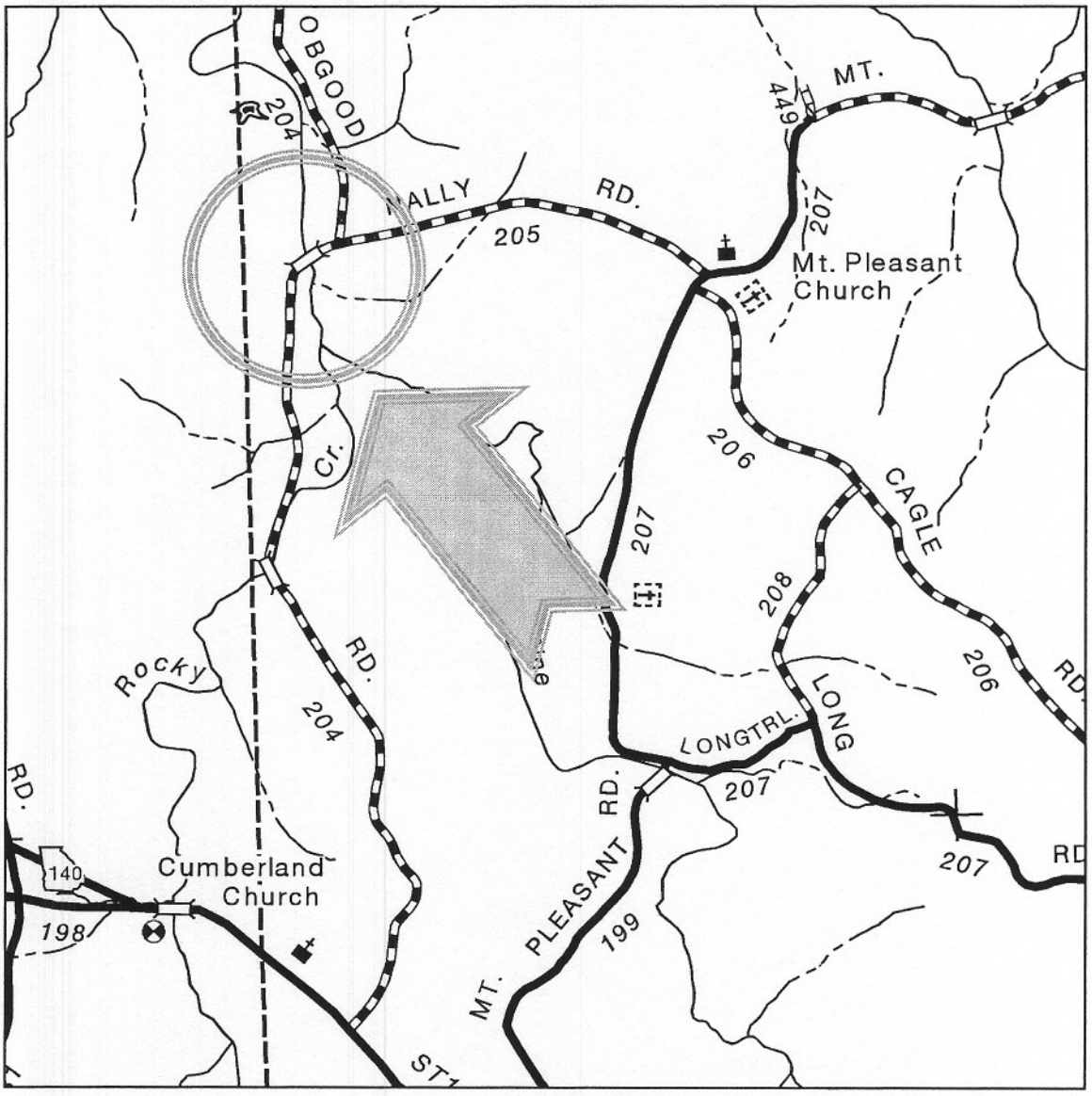
DATE _____ _____
State Environmental/Location Engineer

DATE _____ _____
State Traffic Safety & Design Engineer

DATE _____ _____
District Engineer

DATE _____ _____
Project Review Engineer

DATE _____ _____
Other Offices as required such as; Bridge Design, etc.


OBGOOD
204
MT.
449
ALLY
RD.
205
207
Mt. Pleasant
Church
Cr.
206
CAGLE
207
208
Rocky
RD.
204
206
RD.
LONGTRL.
LONG
RD.
207
RD.
140
Cumberland
Church
198
MT. PLEASANT
199
207
RD

Need and Purpose: Project PRP-0005-00(870) will replace the existing bridge on CR 204/Nalley Road at Little Pine Log Creek in Bartow County.

Description of the proposed project: This project consists of the replacement of the bridge on CR 204/Nalley Road over Little Pine Log Creek in Bartow County. The project begins approximately at MP 1.10 and ends approximately at MP 1.21 for a total project length of 590 feet.

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

PDP Classification: Major: ( ) Minor: (X)

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

Functional Classification: Rural Local

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

Traffic (AADT):
Current Year: (2007) 150 Design Year: (2027) 300

Existing design features:

- Typical Section: (2) 12 ft lanes with 4 ft shoulders
- Posted speed: 25 mph
- Minimum radius for curve: 764 ft
- Maximum super-elevation rate for curve: 4.2 %
- Maximum grade: 4 %
- Width of right of way: 100 ft
- Major structures: Bridge # 015-5099-0, 178 x 32.6 ft; Sufficient rating = 98.78
- Major interchanges or intersections along the project: None
- Existing length of roadway segment and the beginning mile logs for each county segment: 590 feet – MP 1.10 to MP 1.21

Proposed Design Features:

- Proposed typical section(s): (2) 12 ft lanes with 4 ft shoulders
- Proposed Design Speed Mainline: 35 mph
- Proposed Max. grade Mainline: 4.37 % Max. grade allowable: 10 %
- Proposed Max. grade Side Street: n/a Max. grade allowable: 10 %
- Proposed Max. grade driveway: 3.86 %
- Proposed Min. radius for curve: 764 ft Min. radius allowable: 350 ft
- Proposed Maximum super-elevation rate for curve: 8 %
- Proposed Maximum degree of curve: 7° 30' Max. degree allowable: 16° 30'
- Right of way:
  - Width: 100 ft
  - Easements: Temporary (X), Permanent ( ), Utility ( ), Other ( )
  - Type of access control: Full (X), Partial ( ), By Permit ( ), Other ( )
  - Number of parcels: 2 Number of displacements:
    - Business: None
    - Residences: None
    - Mobile homes: None
    - Other: None
- Structures:
  - Bridges: 292 x 30 ft
  - Retaining walls: None
- Major intersections and interchanges: None
- Traffic control during construction: Road to be closed during construction
- Design Exceptions to controlling criteria anticipated:

	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)

- Design Variances: None
- Environmental concerns: Section 404, Water Quality

- 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: Bartow County Water, BellSouth, Georgia Power

Project responsibilities:

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

Coordination

- Initial Concept Meeting date and brief summary: n/a
- Concept meeting date and brief summary: n/a
- P. A. R. meetings, dates and results: n/a
- FEMA, USCG, and/or TVA: n/a
- Public involvement: n/a
- Local government comments: n/a
- Other projects in the area: n/a
- Other coordination to date: n/a
- Railroads: n/a

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

Other alternates considered: n/a

Comments: n/a

Attachments:

1. Cost Estimates:
    a. Construction including E&C,
    b. Right of Way, and
    c. Utilities.
2. Sketch location map,
3. Typical sections,
4. Accident summaries,
5. Bridge inventory,

PRELIMINARY COST ESTIMATE

DATE: May 6, 2004

PROJECT: PRP-0005-00(870)

P.I. NO: 0005870

PROJECT DESCRIPTION: Bridge replacement on CR 204/Nalley Rd at Little Pine Log Creek in Bartow County

PROPOSED CONCEPT: Bridge replacement

EXISTING ROAD: 2 - 12 ft lanes

TRAFFIC: EXISTING (2007) = 150 DESIGN (2027) = 300

( ) PROGRAMMED PROCESS (X) CONCEPT DEVELOPMENT ( ) DURING PROJECT DEVELOPMENT

PROJECT COST

A. RIGHT-OF-WAY		
1. PROPERTY (LAND & EASEMENTS)		$ 15,000.00
2. DISPLACEMENTS		$ 0.00
3. OTHER COSTS		$ 0.00
	SUBTOTAL	$ 15,000.00
B. REIMBURSABLE UTILITIES		
1. RAILROAD		$ 0.00
2. TRANSMISSION LINES		$ 0.00
3. SERVICES		$ 0.00
	SUBTOTAL	$ 0.00
C. MAJOR STRUCTURES		
1. WALLS		$ 0.00
2. BRIDGE STREAM CROSSINGS		$ 600,000.00
3. BRIDGE OVER/UNDERPASS		$ 0.00
4. BOX CULVERTS		$ 0.00
	SUBTOTAL	$ 600,000.00

D. GRADING AND DRAINAGE		
1. EARTHWORK		$ 10,000.00
2. DRAINAGE		
a. CROSS DRAIN PIPES (EXC. BOX CULVERTS)		$ 8,000.00
b. CURB AND GUTTER		$ 0.00
c. LONGITUDINAL SYSTEM (INCL. CATCH BASINS)		$ 0.00
	SUBTOTAL	$ 18,000.00
E. BASE AND PAVING		
1. AGGREGATE BASE		$ 3,000.00
2. ASPHALT PAVING		$ 12,000.00
3. CONCRETE PAVING		$ 2,000.00
4. OTHER		$ 1,000.00
	SUBTOTAL	$ 18,000.00
F. LUMP ITEMS		
1. TRAFFIC CONTROL		$ 10,000.00
2. CLEARING AND GRUBBING		$ 5,000.00
3. LANDSCAPING		$ 5,000.00
4. EROSION CONTROL		$ 50,000.00
5. DETOURS (INCL. TEMP. BRIDGES)		$ 3,000.00
	SUBTOTAL	$ 73,000.00
G. MISCELLANEOUS		
1. LIGHTING		$ 0.00
2. SIGNING - STRIPING		$ 4,000.00
3. GUARDRAIL		$ 20,000.00
4. OTHER		$ 25,000.00
	SUBTOTAL	$ 49,000.00
H. SPECIAL FEATURES	SUBTOTAL	$ 0.00

ESTIMATE SUMMARY

A. RIGHT-OF-WAY	$ 20,000.00
B. REIMBURSABLE UTILITIES	$ 0.00

CONSTRUCTION COST SUMMARY

C. MAJOR STRUCTURES	$ 600,000.00
D. GRADING AND DRAINAGE	$ 18,000.00
E. BASE AND PAVING	$ 18,000.00
F. LUMP ITEMS	$ 73,000.00
G. MISCELLANEOUS	$ 49,000.00
H. SPECIAL FEATURES	$ 0.00

SUBTOTAL CONSTRUCTION COST	$ 758,000.00
E & C (10%)	$ 75,800.00
INFLATION (5% PER YEAR FOR 2 YEARS)	$ 85,464.50
TOTAL CONSTRUCTION COST	$ 919,264.50
GRAND TOTAL COST	$ 939,264.50

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	PRP-0005-00(870)	4	

ALLOWABLE RANGES TABLE

FOR THIS PROJECT, CROSS SLOPES THAT ARE ADJUSTED TO "BEST FIT" EXISTING PAVEMENT SLOPES ARE SUBJECT TO THE FOLLOWING LIMITS:

A. NORMAL CROWN

SECTION WITH GRADES 0.5% OR GREATER	SECTION WITH GRADES LESS THAN 0.5%
0.0150 FT/FT - MINIMUM 0.0208 FT/FT - DESIRABLE 0.0250 FT/FT - MAXIMUM	0.0156 FT/FT - MINIMUM 0.0208 FT/FT - DESIRABLE 0.0300 FT/FT - MAXIMUM

B. SUPERELEVATION RATE

S.E. RATE SHOWN ON PLANS OR SE RATE EXISTING IN FIELD, WHICHEVER IS GREATER.

C. SUPERELEVATION TRANSITION LENGTH (LENGTH FROM FLAT POINT TO FULL SE)

	RATE OF CHANGE	CORRESPONDING DIFFERENCE IN GRADE BETWEEN PIVOT POINT AND EDGE OF PAVEMENT
MINIMUM	1:150	0.67%
DESIRABLE	1:200	0.50%
MAXIMUM	1:300	0.33%

LENGTH SHALL BE SET TO AVOID CREATING A FLAT GUTTER GRADE ON LOW SIDE AND TO AVOID FLAT CROSS SLOPES AT OR NEAR THE LOW POINT OF VERTICAL CURVES.

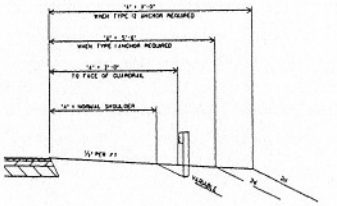
D. POSITIONING OF SUPERELEVATION TRANSITION LENGTH ON SIMPLE CURVES

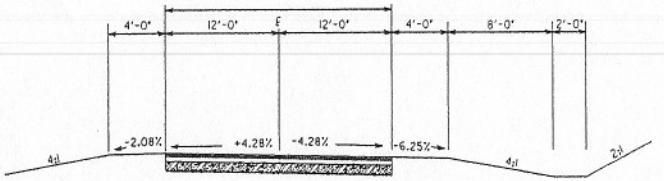
50% OF TRANSITION INSIDE CURVE - MAXIMUM
33% OF TRANSITION INSIDE CURVE - DESIRABLE
80% OF TRANSITION INSIDE CURVE - MINIMUM

NOTE: CROWN WIPE-OUT SHALL BE AT THE SAME RATE AS THE SE TRANSITION.

E. SMOOTHING OF BREAKS IN EDGE PROFILE AT BEGIN AND END OF TRANSITION SHALL BE ACCOMPLISHED BY VERTICAL CURVE WITH A MINIMUM LENGTH (IN FEET) EQUAL TO THE SPEED DESIGN (IN MPH).

GUARDRAIL REQUIRED WITH SHOULDER





(A) 1.25" ASPHALTIC CONCRETE 9.5 mm SUPERPAVE, GROUP 2 ONLY, INCL BITUM MATL & H-LIME,(135 Lbs./Sq.Yds.) DESIGN LEVEL A

(B) 2" ASPHALTIC CONCRETE 19 mm SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H-LIME, (220Lbs./Sq.Yds.) DESIGN LEVEL A

(C) 8" GRADED AGGREGATE BASE CRS, INCL MATL, (220 Lbs/Sq. Yd)

GEORGIA
DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
PROJECT PRP-0005-00(870)
COUNTY BARTOW
DATE SH 1 OF 1

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QUERY SUMMARY

For Year(s): 1995,1996,1997,1998,1999,2000,2001,2002

Year	County	Route Type	Route Number	Beginning Milelog	Ending Milelog	No. Accidents	No. Vehicles	No. Injuries	No. Fatalities
1995	Bartow	County Road	020400	0.00	2.00	0	0	0	0
					1995 SubTotal	0	0	0	0
1996	Bartow	County Road	020400	0.00	2.00	0	0	0	0
					1996 SubTotal	0	0	0	0
1997	Bartow	County Road	020400	0.00	2.00	0	0	0	0
					1997 SubTotal	0	0	0	0
1998	Bartow	County Road	020400	0.00	2.00	0	0	0	0
					1998 SubTotal	0	0	0	0
1999	Bartow	County Road	020400	0.00	2.00	0	0	0	0
					1999 SubTotal	0	0	0	0
2000	Bartow	County Road	020400	0.00	2.00	0	0	0	0
					2000 SubTotal	0	0	0	0
2001	Bartow	County Road	020400	0.00	2.00	0	0	0	0
					2001 SubTotal	0	0	0	0
2002	Bartow	County Road	020400	0.00	2.00	0	0	0	0
					2002 SubTotal	0	0	0	0
					All Year(s)Total	**0**	**0**	**0**	**0**

RC * Web* INFO

Requested Information for Bartow County

Route Type 2 Route Number 020400

Route Type	Route Number	Begin Measure	End Measure	Speed Limited	Func. Class	Truck%	Prev AADT	AADT
2	020400	0	0.35	25	9	3%-E	740	740
2	020400	0.35	0.54	25	9	3%-E	740	740
2	020400	0.54	0.59	25	9	3%-E	740	740
2	020400	0.59	1.03	25	9	3%-E	740	740
2	020400	1.03	1.1	25	9	3%-E	740	740
2	020400	1.1	1.21	25	9	3%-E	740	740
2	020400	1.21	1.4	25	9	3%-E	740	740
2	020400	1.4	1.52	25	9	3%-E	740	740
2	020400	1.52	1.95	25	9	3%-E	740	740
2	020400	1.95	3.11	25	9	3%-E	740	740
2	020400	3.11	3.27	25	9	3%-E	740	740
2	020400	3.27	3.27	25	9	3%-E	740	740

Department of Transportation
State of Georgia

INTERDEPARTMENT CORRESPONDENCE

FILE PRP-0005-00(867), Bartow County
P.I. # 0005870

OFFICE Environment/Location

DATE February 6, 2004

FROM Harvey D. Keepler, State Environment/Location Engineer

TO Kent L. Sager, P.E., District Engineer, Cartersville
Attn. Joyce Fouts

SUBJECT Traffic Assignments for C.R. 204 at Little Pine Log Creek 7.2 MI N. of White.

Traffic Assignments for the above project is attached below:

2004 ADT = 100
2007 ADT = 150
2027 ADT = 300
K = 10%
D = 60%
T = 1%
24 HOUR T. = 3%
S.U. = 2.5%
COMB. = 0.5%

If you have any questions concerning this information please contact Abby Ebodaghe at (404) 699-4454.

HDK/afe

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 015-5099-0 **Bartow** SUFF. RATING 98.78

Location & Geography

*	Structure I.D.No:	015-5099-0	
	200 Bridge Information	02	
*	6A Feature Int:	LITTLE PINE LOG CREEK	
*	6B Critical Bridge:	0	
*	7A Route Number Carried:	CR00204	
*	7B Facility Carried:	NALLEY ROAD	
*	9 Location:	7.2 MI. N. OF WHITE	
	2 DOT District:	6	
	207 Year Photo:	1998	
*	91 Inspection Frequency:	24 Date: 08/07/2002	
	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:	00204	
	Direction:	0	
*	16 Latitude:	34-23.1 MMS Prefix:	
*	17 Longitude	84-46.4 MMS Suffix: MP: 0.00	
	98 Border Bridge:	000 %Shared: 00	
	99 ID Number:	000000000000000	
*	100 STRAHNET:	0	
	12 Base Highway Network:	1	
	13A LRS Inventory Route:	152020400	
	13B Sub Inventory Route:	0	
*	101 Parallel Structure:	N	
*	102 Direction of Traffic	2	
*	264 Road Inventory Mile Post:	001.10	
*	208 Inspection Area:	06 Initials: DEM	
	Engineer's Initial:	sgm	

* Location I.D. No.: 015-00204X-001.10S

*	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:	04	
*	20 Toll:	3	
*	21 Maintenance:	02	
*	22 Owner:	02	
*	31 Design Load:	6	
	37 Historical Significance:	5	
	205 Congressional District:	07	
	27 Year Constructed:	1997	
	106 Year Reconstructed:	0000	
	33 Bridge Median:	0	
	34 Skew:	10	
	35 Structure Flared:	0	
	38 Navigation Control:	0	
	213 Special Steel Design:	0	
	267 Type of Paint:	0	
*	42 Type of Service on:	1	
		5	
	214 Movable Bridge:	0	
	203 Type Bridge:	Z-O-O-O	
	259 Pile Encasement:	3	
*	43 Structure Type Main:	5 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:	1	
	108 Wearing Surface Type:	1	
	M	0	
	F	0	

Signs & Attachments

225	Expansion Joint Type:	02
242	Deck Drains:	1
243	Parapet Location:	0
	Height:	0.00
	Width:	0.00
238	Curb:	0.00 0
239	Handrail:	9 9
* 240	Median Barrier Rail:	0
241	Bridge Median Height:	0.00
	Width:	0.00
* 230	Guardrail Loc Dir Rear:	6
	Fwrd:	6
	Oppo Dir Rear:	0
	Fwrd:	0
244	Approach Slab:	3
224	Retaining Wall:	0
233	Posted Speed Limit:	25
236	Warning Sign:	0
234	Delineator:	1
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: 015-5099-0 **Bartow** SUFF. RATING 98.78

Programming Data

201 Project No.: BRZLB-15 (16) 01
202 Plans Available: 1
249 Prop. Proj. No. PRP-0005-00 (870)
250 Approval Status: 0000
251 P.I. No.: 0005870
252 Contract Date: 02/01/2004
260 Seismic No.: 00000
75 Type Work: 00 0
94 Bridge Imp. Cost: $ 0
95 Roadway Imp. Cost: $ 0
96 Total Imp Cost: $ 0
76 Imp. Length: 001440
97 Imp. Year: 0000
114 Future ADT: 001110 Year: 2021

Hydraulic Data

215 Waterway Data
Highwater Elev.: 0000.0 Year: 0000
Avg. Streambed Elev.: 0000.0 Freq.: 00
Drainage Area: 00000
Area Of Opening: 000000
113 Scour Critical: U
216 Water Depth: 00.7 Br. Height: 15.7
222 Slope Protection: 1
221 Spur Dikes Rear: 0 Fwrd: 0
219 Fender System: 0
220 Dolphin: 0
223 Culvert Cover: 000
Type: 0
No. Barrels: 0
Width: 0.00 Height: 0.00
Length: 0 Apron: 0
* 265 U/W Insp. Area: 0 Diver: ZZZ

* Location I.D. No.: 015-00204X-001.10S

Measurements

* 29 ADT: 000740 Year: 2001
109 % Trucks: 3
* 28 Lanes On: 02 Under: 00
210 No. Tracks On: 00 Under: 00
* 48 Max. Span Length: 0066
* 49 Structure Length: 178
51 Br. Rwdy. Width: 29.60
52 Deck Width: 32.60
* 47 Tot. Horz. Cl: 29.60
50 Curb/Sdewlk Width 0.00/0.00
32 Approach Rdwy Width: 21
* 229 Shoulder Width:
Rear Lt: 4.00 Type: 8 Rt: 4.00
Fwrd Lt: 4.00 Type: 8 Rt: 4.00
Pavement Width:
Rear: 21.00 Type: 2
Fwrd: 24.00 Type: 2
Intersection Rear: 1 Fwrd: 0
36 Safety Features Br. Rail: 1
Transition: 1
App. G. Rail: 1
App. Rail End: 1
53 Minimum Cl.Over: 99 ' 99 "
Under: N 00 ' 00 "
* 228 Min. Vertical Cl
Act. Odm Dir: 99 ' 99 "
Oppo. Dir: 99 ' 99 "
Posted Odm. Dir: 00 ' 00 "
Oppo. Dir: 00 ' 00 "
55 Lateral Undercl. Rt: N 99.90
56 Lateral Undercl. Lt: 0.00
* 10 Max Min Vert Cl: 99 ' 99 " Dir: 0
39 Nav Vert Cl: 000 Horz: 0000
116 Nav Vert Cl Closed: 000
245 Deck Thickness Main: 8.20
Deck Thick Approach: 0.00
246 Overlay Thickness: 0.00
212 Year Last Painted: Sup: 0000 Sub: 0000

Ratings

65 Inventory Rating Method: 2
63 Inventory Rating Method: 2
66 Inventory Type: 2 Rating: 36
64 Operating Type: 2 Rating: 51
231 Calculated Loads
H-Modified: 20 0
HS-Modified: 25 0
Type 3: 28 0
Type 3s2: 40 0
Timber: 36 0
Piggyback: 00 0
261 H Inventory Rating: 20
262 H Operating Rating: 28
67 Structural Evaluation: 7
58 Deck Condition: 8
59 Superstructure Condition: 8
* 227 Collision Damage: 0
60A Substructure Condition: 7
60B Scour Condition: 8
60C Underwater Condition: N
71 Waterway Adequacy: 8
61 Channel Protection Cond: 8
68 Deck Geometry: 5
69 UnderClr. Horz/Vert: N
72 Appr. Alignment: 6
62 Culvert: N

Posting Data

70 Bridge Posting Required: 5
41 Struct Open, Posted, Cl: A
* 103 Temporary Structure: 0
232 Posted Load -Modified: 00
HS-Modified: 00
Type 3: 00
Type3s2: 00
Timber: 00
Piggyback: 00
253 Notification Date 02/01/1901
253 Fed Notify Date: 02/01/1901 0

Recommendation for approval:

DATE 5-6-04 Curtis D. Cox
Project Manager

DATE 5-6-04 Kent L. Cox COC
Office Head/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 6/16/04 _____
State Transportation Planning Administrator

DATE _____ _____
State Transportation Financial Management Administrator

DATE _____ _____
State Environmental/Location Engineer

DATE _____ _____
State Traffic Safety & Design Engineer

DATE _____ _____
District Engineer

DATE _____ _____
Project Review Engineer

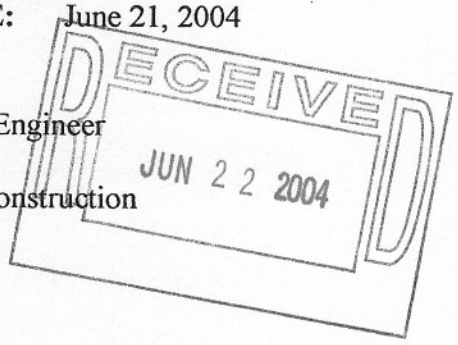
DATE _____ _____
Other Offices as required such as; Bridge Design, etc.

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE: **P.I. No. 0005870** **OFFICE:** Environment/Location

DATE: June 21, 2004



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

TO: Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

SUBJECT: **PROJECT CONCEPT REPORT**
PRP-0005-00(870) / Bartow County

The above subject concept report has been reviewed. Concept Report says sufficiency rating = 98 ~~%~~ What is the reason for replacement? Road closure will require Detour Public Information Open House. ~~The existing bridge, built 1925, is recommended eligible for the National Register in the Georgia Historic Bridge Survey (see attached form). Replacement will require a section 4(f) evaluation.~~ HDL 6/29/04 BRIDGE CONSTRUCTED IN 1997 – NOT HISTORIC

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

HDK/lc

Attachment

cc: David Mulling, P.E., Project Review Engineer
Kent L. Sager, District Engineer

Recommendation for approval:

DATE 5-6-04 Curtis D. Coons
Project Manager

DATE 5-6-04 Kent L. Lagen COC
Office Head/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 6.18.2004
State Environmental/Location Engineer

DATE _____
State Traffic Safety & Design Engineer

DATE _____
District Engineer

DATE _____
Project Review Engineer

DATE _____
Other Offices as required such as; Bridge Design, etc.