

D.O.T. 66

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** BRSLB-1632(5) Crisp County **OFFICE** Preconstruction  
P. I. No. 431130  
CR 357/Hawond Road over Deep Creek **DATE** January 10, 2005

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

**TO** *to* SEE DISTRIBUTION

**SUBJECT PROJECT CONCEPT REPORT APPROVAL**

Attached for your files is the approval for subject project.

MBP/cj

Attachment

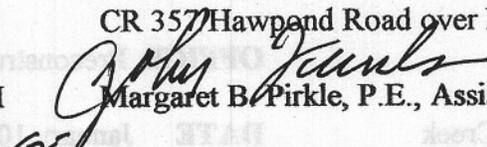
DISTRIBUTION:

- David Mulling
- Harvey Keeper
- Ken Thompson
- Jamie Simpson
- Michael Henry
- Keith Golden
- Joe Palladi (file copy)
- Paul Liles
- Babs Abubakari
- Joe Sheffield
- BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** BRSLB-1632(5) Crisp County **OFFICE** Preconstruction  
P.I. No. 431130  
CR 357/Hawpond Road over Deep Creek **DATE** December 13, 2004

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

**TO**  Paul V. Mullins, P.E., Chief Engineer

**SUBJECT** PROJECT CONCEPT REPORT

This project is the replacement of a structurally deficient bridge on CR 357/Hawpond Road over Deep Creek, 5.8 miles east of Arabi, Georgia. The existing bridge, constructed in 1930, is load limited with a sufficiency rating of 22. County Road 357 at this location is a rural two lane roadway with 10' travel lanes with rural shoulders. Traffic is projected to be 300 VPD and 500 VPD in the years 2008 and 2028 respectively. The posted speed and the design speed are 55 MPH.

The construction proposes to construct a new 160' x 30' concrete bridge over Deep Creek at the existing bridge site. The approaches will consist of two, 12' lanes with 5' rural shoulders. The existing roadway will be closed during construction. Crisp County is responsible for the signing and maintenance of detour routes.

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:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>FUNDING</u>	<u>PROG DATE</u>
Construction (includes E&C and inflation)	\$ 733,000	\$733,000	Q10	2007
Right-of-Way & Utilities*	Local	Local		

\*Crisp County signed LGPA on 7-24-02 for right-of-way, utilities, and detours.

Paul V. Mullins  
Page 2

BRSRB-1632(5) Crisp  
December 13, 2004

I recommend this project concept be approved.

MBP:JDQ/cj

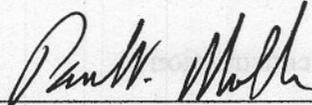
Attachment

CONCUR



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

APPROVE



Paul V. Mullins, P.E., Chief Engineer

FILE:  
BRSRB-1632(5) Crisp  
CR 357 @ Deep Creek  
P.L. No. 437130

FILE:

FROM:

TO:

SUBJECT:

We have reviewed the Concept Report submitted December 2, 2004 by the letter from Jeff Bridges dated November 30, 2004 and have no comments.

The costs for the project are:

Construction	2804.631
Initial	221.732
E&C	266.636
Reimbursable Utilities	2000 (LRA)
Right of Way	218,800 (LRA)

RBW

c: David Carr, Ann: Jeff Bridges

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE

**FILE:** BRSLB-1632(5) Crisp  
CR 357 @ Deep Creek  
P.I. No. 431130

**OFFICE:** Engineering Services

**DATE:** December 21, 2004

**FROM:** David Mulling, Project Review Engineer *REW*

**TO:** Meg Pirkle, Assistant Director of Preconstruction

**SUBJECT: CONCEPT REPORT**

We have reviewed the Concept Report submitted December 2, 2004 by the letter from Jeff Bridges dated November 30, 2004 and have no comments:

The costs for the project are:

Construction	\$634,631
Inflation	\$31,732
E&C	\$66,636
Reimbursable Utilities	\$0.00 (LGPA)
Right of Way	\$10,800 (LGPA)

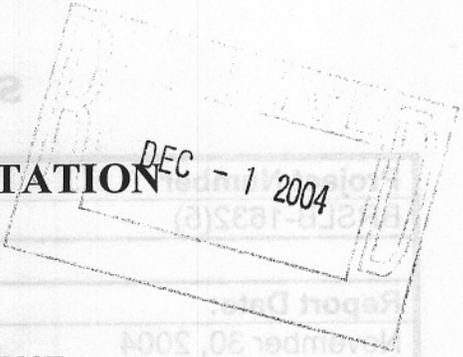
REW

c: David Crim, Attn.: Jeff Bridges

## SCORING RESULTS AS PER MOG 2440-2

<b>Project Number:</b> BRSLB-1632(5)		<b>County:</b> Crisp		<b>PI No.:</b> 431130	
<b>Report Date:</b> November 30, 2004		<b>Concept By:</b> DOT Office: District 4			
<input checked="" type="checkbox"/> Concept Stage		Consultant: N/A			
<b>Project Type:</b> Choose One From Each Column		<input type="checkbox"/> Major <input checked="" type="checkbox"/> Minor	<input type="checkbox"/> Urban <input checked="" type="checkbox"/> Rural	<input type="checkbox"/> ATMS <input checked="" type="checkbox"/> Bridge Replacement <input type="checkbox"/> Building <input type="checkbox"/> Interchange Reconstruction <input type="checkbox"/> Intersection Improvement <input type="checkbox"/> Interstate <input type="checkbox"/> New Location <input type="checkbox"/> Widening & Reconstruction <input type="checkbox"/> Miscellaneous	
<b>FOCUS AREAS</b>	<b>SCORE</b>	<b>RESULTS</b>			
Presentation	100				
Judgement	100				
Environmental	100				
Right of Way	100				
Utility	100				
Constructability	100				
Schedule	100				

SCORING RESULTS AS PER MOG 2440-2



**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

<b>FILE</b>	<b>BRSLB 1632(5), Crisp County</b>	<b>OFFICE</b>	<b>Tifton, GA</b>
	<b>PI No. 431130</b>	<b>DATE</b>	<b>November 30, 2004</b>
<b>FROM</b>	<b>Jeff Bridges, District Design Engineer</b>		
<b>TO</b>	<b>Meg Pirkle, Assistant Director of Preconstruction</b>		
<b>SUBJECT</b>	<b>Project Concept Report</b>		

Attached is the original copy of the Concept Report for your further handling for approval in accordance with the Plan Development Process.

HJB;jb

Attachment

CC:

- David Mulling, Project Review Engineer – Engineering Services
- Harvey Keeper, State Environmental/Location Engineer
- Phillip Allen, State Traffic Safety and Design Administrator
- Joe Palladi, State Transportation Planning Administrator
- Jamie Simpson, Financial Management Administrator
- Paul Liles, State Bridge Engineer

100	Presentation
100	Judgement
100	Environmental
100	Right of Way
100	Utility
100	Constructability
100	Schedule

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

District 4 – Tifton, GA

Project Number: BRSLB 1632(5)

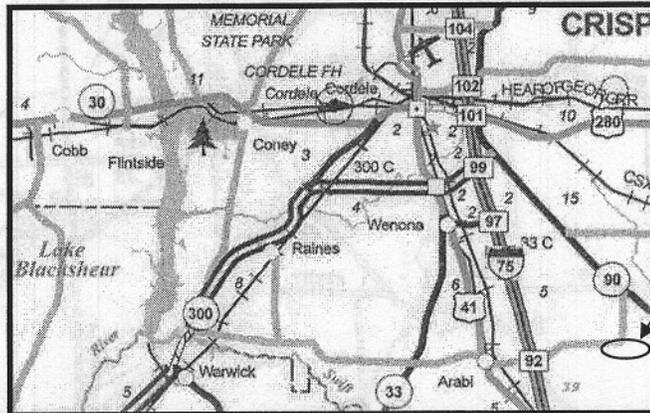
County: Crisp

P. I. Number: 431130

## Project Concept Report

Federal Route Number: N/A

State Route Number: N/A



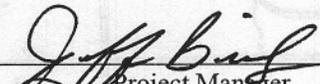
Project Location

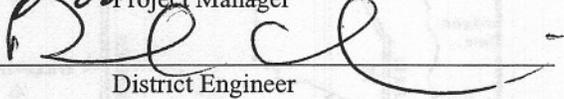
**Bridge Replacement: CR 357/Hawpond Rd. @ Deep Creek east of Arabi, GA**

Recommended for approval:

DATE: 11-29-2004

DATE: 11-30-04

  
Project Manager

  
District Engineer

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

DATE: \_\_\_\_\_

State Transportation Planning Administrator

DATE: \_\_\_\_\_

Financial Management Administrator

DATE: \_\_\_\_\_

State Environmental/Location Engineer

DATE: \_\_\_\_\_

State Traffic Safety and Design Engineer

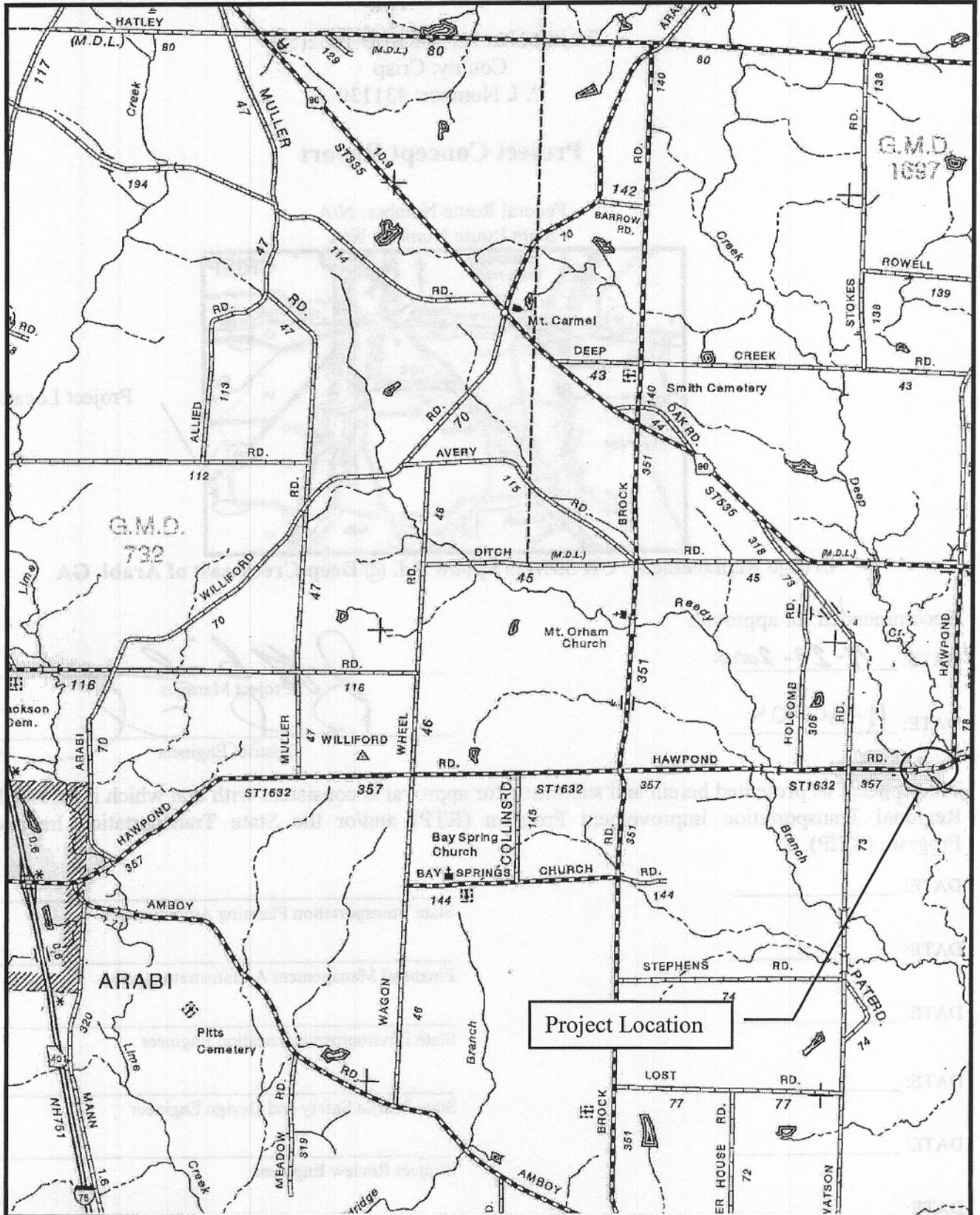
DATE: \_\_\_\_\_

Project Review Engineer

DATE: \_\_\_\_\_

State Bridge Design Engineer

Project Concept Report Page: 2  
Project Number: BRSLB 1632(5)  
P. I. Number: 431130  
County: Crisp



29 November, 2004

State of Georgia  
Department of Transportation

Project Concept Report Page: 3  
Project Number: BRSLB 1632(5)  
P. I. Number: 431130  
County: Crisp

**Need and Purpose:**

The existing bridge on CR-357/Howpond Rd over Deep Creek, located in Arabi, carried an average of 200 vehicles per day in the year 2001, which included school bus traffic. This traffic volume represents a Level-of-Service "A", which is acceptable. This two-lane bridge was constructed in 1930 and is not on a state or locally designated bike route. Howpond Road connects to I-75 and U.S. 41 on the west, therefore providing travelers headed north-south on either corridor east to west access into Turner County.

The substructure condition rating for the bridge is a 4 and the sufficiency rating is 22.54. In accordance with GDOT MOG 2405-1, a substructure condition appraisal rating of 4 or less and a sufficiency rating less than 50 requires the bridge to be replaced. Therefore, this bridge meets the policy for replacement.

For the year 2008, the traffic volume is projected to be 300 vehicles per day. By the year 2028, traffic volume is projected to be 500 vehicles per day. For both conditions, the Level-of-Service will be "A", which is acceptable.

Because the bridge is considered structurally deficient, GDOT has a proposed project BRSLB-1632(5) to replace the bridge with a new structure. This project does not disproportionately burden or benefit any particular community. The land use within the project's vicinity is mostly agricultural/rural land. The minority population for Arabi (census tract 13081980500) is 16.7%. In 2000, the minority population for the state of Georgia was 34.9% and for Crisp County minorities accounted for 45.9% according to the 2000 Census Data.

The project is considered to be a benefit to all of the communities that use this bridge for their daily commute.

**Description of the project:**

This project will replace the narrow and structurally deficient bridge on County Road 357/Hawpond Road at Deep Creek with a new reinforced concrete bridge. This project is located in Crisp County, approximately 6 miles east of Arabi Georgia, in the 13<sup>th</sup> Land District, Land Lot No. 98, 99, 126, 127 and Ga. Militia District 732. The proposed project will be approximately 0.25 miles in length.

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

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

Functional Classification: Rural Major Collector

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



29 November, 2004

Project Concept Report Page: 5  
Project Number: BRSLB 1632(5)  
P. I. Number: 431130  
County: Crisp

• Design Exceptions to controlling criteria anticipated:

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

- Design Variances: None anticipated
- Environmental concerns: Hawpond Schoolhouse, wetlands, pond
- Level of environmental analysis:

- ⇒ Are Time Saving Procedures appropriate? Yes , No
- ⇒ Categorical Exclusion:
- ⇒ Environmental Assessment/Finding of No Significant Impact (FONSI) , or
- ⇒ Environmental Impact Statement (EIS) .

- Utility involvement: Crisp County Power, Bellsouth

**Project responsibilities:**

- ⇒ Design, GDOT
- ⇒ Right of Way Acquisition, Crisp County
- ⇒ Relocation of Utilities, Utilities Owners, Crisp County
- ⇒ Letting to contract, GDOT
- ⇒ Supervision of construction, GDOT
- ⇒ Providing material pits, n/a
- ⇒ Providing detours, Crisp County

**Coordination:**

- Initial Concept Meeting Date \_\_\_\_\_
- Concept Meeting Date 11-17-2004
- P. A. R. Meeting Date \_\_\_\_\_
- Public involvement: Public Information Open House (Detour Meeting)
- Local government comments: See attached Meeting minutes
- Other projects in area: BRSLB 1632(6), Crisp
- Other coordination to date: None
- Railroads: None

29 November, 2004

State of Georgia  
Department of Transportation

Project Concept Report Page: 6  
Project Number: BRSLB 1632(5)  
P. I. Number: 431130  
County: Crisp

### Scheduling – Responsible Parties' Estimate

- Time to complete environmental process: 8 Months.
- Time to complete preliminary construction plans: 10 Months.
- Time to complete right of way plans: 3 Months.
- Time to complete the Section 404 Permit: 12 Months.
- Time to complete final construction plans: 10 Months.
- Time to complete to purchase right of way: 10 Months.
- List other major items that will affect the project schedule: n/a

### Other alternates considered:

A reinforced bridge culvert was considered. Due to the drainage area of approximately 35 square miles, a concrete bridge is proposed.

### Comments:

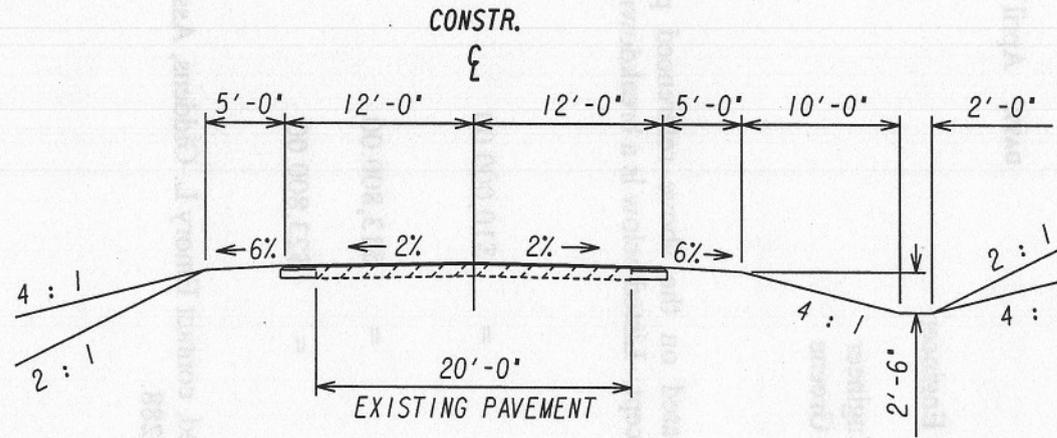
Coordination with FEMA will not be required as there has been no special study at this site for Flood Insurance Rate Maps.

### Attachments:

1. Typical Section
2. Cost Estimates
3. Accident summaries
4. Traffic Assignments
5. Bridge inventory
6. Minutes of Initial Concept and Concept meetings
7. LGPA's - signed by Crisp County
8. Location and Design Notice
9. Preliminary Plan Layout

# TYPICAL SECTION

BRS LB 1632(5) & BRS LB 1632(6)  
 CRISP COUNTY  
 PI NO. 431130 & 431132



## OVERLAY SECTION

135 LBS/SY RECYCLED ASPHALT CONCRETE 9.5 mm SUPERPAVE

## FULL-DEPTH SECTION

135 LBS/SY RECYCLED ASPHALT CONCRETE 9.5 mm SUPERPAVE

220 LBS/SY RECYCLED ASPHALT CONCRETE 19 mm SUPERPAVE

440 LBS/SY RECYCLED ASPHALT CONCRETE 25 mm SUPERPAVE



## Estimate Report for file "431130"

### Section ROADWAY

Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	Lump	LS	15000.00	TRAFFIC CONTROL - BRSLB 1632(5)	15000.0
210-0100	Lump	LS	44400.00	GRADING COMPLETE - 6,800 CY BORROW @ \$6.00/CY - 3.6 AC CL & GR @ \$1,000.00/AC	44400.0
318-3000	500.00	TN	15.22	AGGR SURF CRS	7610.0
402-1812	400.00	TN	38.32	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	15328.0
402-3110	276.00	TN	36.88	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	10178.88
402-3121	453.00	TN	35.71	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	16176.63
402-3190	228.00	TN	39.12	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	8919.35
413-1000	346.00	GL	0.94	BITUM TACK COAT	325.24
433-1200	217.00	SY	110.28	REINF CONC APPROACH SLAB, INCL SLOPED EDGE	23930.76
441-0301	2.00	EA	1512.93	CONC SPILLWAY, TP 1	3025.86
500-3101	1.00	CY	413.62	CLASS A CONCRETE	413.62
550-1360	96.00	LF	50.56	STORM DRAIN PIPE, 36 IN, H 1-10	4853.76
550-2180	72.00	LF	22.68	SIDE DRAIN PIPE, 18 IN, H 1-10	1632.96
550-3336	4.00	EA	2027.94	SAFETY END SECTION 36 IN, STORM DRAIN, 4:1 SLOPE	8111.76
550-3618	6.00	EA	451.91	SAFETY END SECTION 18 IN, SIDE DRAIN, 6:1 SLOPE	2711.46
576-1015	50.00	LF	21.33	SLOPE DRAIN PIPE, 15 IN	1066.5
634-1200	13.00	EA	83.24	RIGHT OF WAY MARKERS	1082.12
641-1100	84.00	LF	25.82	GUARDRAIL, TP T	2168.88
641-1200	675.00	LF	10.99	GUARDRAIL, TP W	7418.25
641-5001	2.00	EA	419.84	GUARDRAIL ANCHORAGE, TP 1	839.68
641-5012	2.00	EA	1383.53	GUARDRAIL ANCHORAGE, TP 12	2767.06
<b>Section Sub Total:</b>					<b>\$177,960.78</b>

### Section SIGNING & MARKING

Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1020	42.00	SF	12.96	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	544.32
636-1031	8.00	SF	17.12	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 6	136.96
636-2070	98.00	LF	6.46	GALV STEEL POSTS, TP 7	633.08
652-5451	2980.00	LF	0.12	SOLID TRAFFIC STRIPE, 5 IN, WHITE	357.59
652-5452	2980.00	LF	0.12	SOLID TRAFFIC STRIPE, 5 IN, YELLOW	357.59
652-5701	20.00	LF	2.25	SOLID TRAF STRIPE, 24 IN, WHITE	45.0
<b>Section Sub Total:</b>					<b>\$2,074.56</b>

### Section TEMPORARY EROSION CONTROL

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	2.00	AC	447.01	TEMPORARY GRASSING	894.02
163-0240	51.00	TN	193.05	MULCH	9845.55
163-0300	4.00	EA	1041.36	CONSTRUCTION EXIT	4165.44
163-0530	1000.00	LF	2.16	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	2160.0
165-0030	1300.00	LF	1.20	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	1560.0
165-0070	500.00	LF	1.20	MAINTENANCE OF BALED STRAW EROSION CHECK	600.0
165-0101	4.00	EA	335.59	MAINTENANCE OF CONSTRUCTION EXIT	1342.36
167-1000	2.00	EA	2648.22	WATER QUALITY MONITORING AND SAMPLING	5296.44
167-1500	18.00	MO	666.85	WATER QUALITY INSPECTIONS	12003.30
171-0030	2600.00	LF	3.08	TEMPORARY SILT FENCE, TYPE C	8008.0
<b>Section Sub Total:</b>					<b>\$45,875.11</b>

**Section PERMANENT EROSION CONTROL**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
700-6910	3.00	AC	739.28	PERMANENT GRASSING	2217.84
700-7000	6.00	TN	59.64	AGRICULTURAL LIME	357.84
700-7010	8.00	GL	20.71	LIQUID LIME	165.68
700-8000	3.00	TN	234.18	FERTILIZER MIXED GRADE	702.54
700-8100	300.00	LB	1.43	FERTILIZER NITROGEN CONTENT	429.0
<b>Section Sub Total:</b>					<b>\$3,872.90</b>

**Section BRIDGE NO. 1**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
540-1101	Lump	LS	36000.00	REMOVAL OF EXISTING BR - \$20.00/SF	36000.0
543-9000	Lump	Lump Sum	336000.00	CONSTRUCTION OF BRIDGE COMPLETE - \$70.00/SF	336000.0
603-2024	800.00	SY	37.57	STN DUMPED RIP RAP, TP 1, 24 IN	30056.0
603-7000	800.00	SY	3.49	PLASTIC FILTER FABRIC	2792.0
<b>Section Sub Total:</b>					<b>\$404,848.00</b>

**Total Estimated Cost: \$634,631.35**

**Subtotal Construction Cost \$634,631.35**

E&C Rate 10.0 % \$63,463.14

Inflation Rate 5.0 % @ 1.0 Years \$34,904.72

**Total Construction Cost \$732,999.21**

Right Of Way (for information only)  
Acquisition by LGPA \$10,800.00

ReImb. Utilities \$0.00

**Grand Total Project Cost \$732,999.21**

**QUERY SUMMARY**  
For Year(s): 2000,2001,2002,2003

Year	County	Route Type	Route Number	Beginning Milelog	Ending Milelog	No. Accidents	No. Vehicles	No. Injuries	No. Fatalities
2000	Crisp	County Road	035700	6.35	6.60	1	1	0	0
2000 SubTotal						1	1	0	0
2001	Crisp	County Road	035700	6.35	6.60	0	0	0	0
2001 SubTotal						0	0	0	0
2002	Crisp	County Road	035700	6.35	6.60	0	0	0	0
2002 SubTotal						0	0	0	0
2003	Crisp	County Road	035700	6.35	6.60	0	0	0	0
2003 SubTotal						0	0	0	0
<b>All Year(s)Total</b>						<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>

Analysis Report 2

Total Accidents: 1    Total Vehicles: 1    Total Injuries: 0    Total Fatalities: 0

Accident Analysis Report 2

Accident Id	Date	Time	County	Route	Route No	Milelog	Intersecting Rt Type	Intersecting Route	Total Injuries	Total Fatalities	Collision	Location of Impact	Harmful Event	Light	Surface	D 1	D 2	VM 1	VM 2
03060610	08/16/2000	07:26:AM	Crisp	County	035700	6.59			0	0	6-Not A Collision	1-On Roadway	01-Overturn	1-Daylight	Dry	S		05	

# Department of Transportation State of Georgia

## INTERDEPARTMENT CORRESPONDENCE

**FILE** BRS LB 1632(5)(6) Crisp  
P.I. Nos. 431130 & 431132

**OFFICE** Environment/ Location

**DATE** June 5, 2003

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

**TO** David Crim, P.E., District Engineer, Tifton  
**Attn: Jeff Bridges**

**SUBJECT** CR 357/Hawpond Rd. @ Deep Creek & CR 357/Howpond Rd. @ Reedy Branch

We are furnishing estimated traffic assignments for both projects above as follows:

Existing 2001 ADT = 200  
2008 ADT = 300  
2028 ADT = 500  
K = 10%  
D = 60%  
T = 8%  
24 HR T = 10%  
S.U. = 5%  
COMB. = 5%

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

HDK:TJW

# Bridge Inventory Data Listing

Georgia Department of Transportation

Structure ID:	081-0048-0	Crisp	SUFF. RATING:	22.54	
<b>Location &amp; Geography</b>			<b>Signs &amp; Attachements</b>		
* Structure ID:	081-0048-0	* 104 Highway System:	0	225 Expansion Joint Type:	00
200 Bridge Information:	06	* 26 Functional Classificati	07	242 Deck Drains:	0
* 6A Feature Int:	DEEP CREEK	* 204 Federal Route Type:	S No. 01632	243 Parapet Location:	0
* 6B Critical Bridge:	0	105 Federal Lands Highway:	0	Height:	0.00
* 7A Route Number Carried:	CR00357	* 110 Truck Route:	0	Width:	0.00
* 7B Facility Carried:	HAWPOND ROAD	206 School Bus Route:	1	238 Curb Height:	0.00
* 9 Location:	5.8 MI E OF ARABI	217 Benchmark Elevation:	0200.00	Curb Material:	0
2 DOT District	4	218 Datum:	1	239 Handrail:	2 2
207 Year Photo:	2003	* 19 Bypass Length:	04	* 240 Median Barrier Rail:	0
* 91 Inspection Frequency:	24 Date: 08/26/2003	* 20 Toll:	3	241 Bridge Median Height:	0.00
92A Fract Crit Insp Freq:	00 Date: 02/01/1901	* 21 Maintenance:	02	Bridge Median Width:	0.00
92B Underwater Insp Freq:	00 Date: 02/01/1901	* 22 Owner:	02	* 230 Guardrail Loc. Dir. Rear:	0
92C Other Spc. Insp Freq:	00 Date: 02/01/1901	* 31 Design Load:	0	Fwd:	0
* 4 Place Code:	00000	37 Historical Significance:	5	Oppo. Dir. Rear:	0
* 5 Inventory Route (O/U):	1	205 Congressional District:	02	Oppo. Fwd:	0
Type:	4	27 Year Constructed:	1930	244 Approach Slab:	0
Designation:	1	106 Year Reconstructed:	0000	224 Retaining Wall:	0
Number:	01632	33 Bridge Median:	0	233 Posted Speed Limit:	55
Direction:	0	34 Skew:	00	236 Warning Sign:	0
* 16 Latitude:	31 - 50.9 HMMS Prefix:	35 Structure Flared:	0	234 Delineator:	1
* 17 Longitude:	83 - 38.0 HMMS Suffix:	38 Navigation Control:	0	235 Hazzard Boards:	1
98 Border Bridge:	000 % Shared: 00	213 Special Steel Design:	0	237 Utilities - Gas:	00
99 ID Number:	0000000000000000	267 Type of Paint	6	Water:	00
* 100 STRAHNET:	0	* 42 Type of Service on:	1	Electric:	00
12 Base Highway Network:	1	Type of Service under:	5	Telephone:	00
13A LRS Inventory Route:	812035700	214 Movable Bridge:	0	Sewer:	00
13B Sub Inventory Route:	0	203 Type Bridge:	O L M O	247 Lighting - Street:	0
101 Parallel Structure:	N	259 Pile Encasement:	3	Navigation:	0
* 102 Direction of Traffic:	2	* 43 Structure Type Main:	4 02	Aerial:	0
* 264 Road Inventory Mile Post:	006.50	45 No. Spans Main:	006	* 248 County Continuity No.:	00
* 208 Inspection Area:	11 Initials: JWH	44 Structure Type Appr:	0 00		
Engineer's Initial:	jal	46 No. Spans Appr:	0000		
* Location I.D. No.:	081-01632F-017.38E	226 Bridge Curve Horz:	0 Vert: 0		
		111 Pier Protection:	0		
		107 Deck Structure Type	1		
		108 Wearing Surface Type:	1		
		Membrane Type:	0		
		Deck Protection:	0		





# Department of Transportation State of Georgia

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## Concept Meeting Minutes November 17, 2004

**Project No.** BRSLB 1632(5), Crisp County  
**PI No.** 431130  
**Description** Bridge Replacement: CR 357/Hawpond Rd. @ Deep Creek

A Concept Team Meeting was held for the subject project on November 17, 2004. The meeting was requested and conducted by Jeff Bridges, GDOT Project Manager. The meeting was held at the GDOT District Office in Tifton and began at 10:00 am. The meeting began with an outline of the Draft Concept Report.

Joe Burns, District Environmentalist stated that the Level of Environmental Analysis will be a Categorical Exclusion with a USACOE 404 Nationwide 23 Permit. He listed the environmental concerns as the Hawpond Schoolhouse, wetlands, and a possible impact to a private pond. He stated that there are no known underground storage tanks or hazardous waste tanks within the project area. Mr. Burns stated that a historic survey will be needed. The Hawpond Schoolhouse is located outside of the project limits, but the property boundary is adjacent to the project. He mentioned that the school is probably eligible for the National Register. He stated that a Public Information Open House Detour Meeting will be required. He also stated that surveys for Archaeological Sites and Endangered Species may be required. He listed Hawpond Baptist Church in the Preliminary Field Inspection Review Sheet, but at this time, the Church and property is located about 400' east of the project limits.

Tim Warren, District Utilities Engineer furnished a Utility Cost Estimate for the project. Crisp County Power and Bellsouth are the facilities located within the project. Crisp County Power has a non-reimbursable cost of \$10,000 with no reimbursable costs. Bellsouth has a non-reimbursable cost of \$13,800 with no reimbursable costs.

Carl Gamble, Crisp County Public Works, pointed out the cross-drain (72" double line corrugated metal pipe) approximately 75' outside of our project limits. He stated that this pipe was installed in 1998 after the previous pipes (double line 60" corrugated metal) were washed out. He mentioned that if at all possible the project be extended to replace the cross-drain. I mentioned that it would be considered, but this would require more right-of-way from the parcel with the Hawpond Schoolhouse and cause more environmental impacts to that parcel. I also mentioned that this would shift the project into the superelevation transition of a 13° curve that does not meet the current speed design.

Danny Gay, Traffic Operations, asked if we had considered permanently re-aligning Hawpond Rd. to use the existing bridge as a detour. I mentioned that we did explore that option. Re-alignment would be possible on the north side of Hawpond Rd., but this would have a greater impact on the property that the Hawpond Schoolhouse resides. I also mentioned that this would shift the project into a series of existing curves on Hawpond Rd. beginning with a 13° curve in front of the schoolhouse and Hawpond Baptist Church.

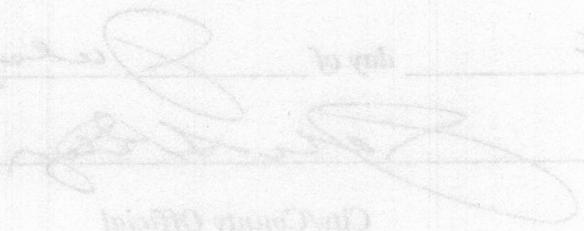
Shane Pridgen, District Scheduling Engineer furnished the Scheduling Estimate which will be included in the Concept Report.

At this time the meeting was opened to comments or suggestions, there were none.

The meeting adjourned around 10:35 am.

  
Jeff Bridges, District Design Engineer

- Provide all right-of-way and/or easements needed for the construction of the project and remove existing structures or obstructions within the right-of-way.
- Make all utility relocations, adjustments or relocations of publicly owned utilities that are in conflict with construction of this project. Reimbursing 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 in railroad crossings if required.
- Furnish detour, local detour and waste pits as needed.
- We support this project but cannot guarantee funding, realizing this may delay the project until additional funding can be found.

The \_\_\_\_\_ day of \_\_\_\_\_ 2002  
  
District Engineer

8/17/02  
Utilities  
Design  
File



# Department of Transportation

J. TOM COLEMAN, JR.  
COMMISSIONER  
(404) 656-5206

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

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

HAROLD E. LINNENKOHL  
DEPUTY COMMISSIONER  
(404) 656-5212

EARL L. MAHFUZ  
TREASURER  
(404) 656-5224

July 16, 2002

## LOCAL GOVERNMENT PROJECT AGREEMENT

*In consideration of the proposed improvements, CRISP County agrees to provide or perform the following at no cost to the Georgia D.O.T. for project BRSLB-1632(5) Crisp Co., PI # 431130-: BRIDGES CR 357/HAWPOND ROAD @ DEEP CREEK 5.8 MI E OF ARABI*

*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 and 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.*

This 24 day of July, 2002

APPROVED [Signature]  
City/County Official

8/7/02  
Utilities  
Design  
File

# NOTICE OF LOCATION AND DESIGN APPROVAL

**BRSLB 1632(5), Crisp County  
PI No. 431130**

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.

The date of location approval is JANUARY 10, 2005.

## Description of the project:

This project will replace the narrow and structurally deficient bridge on County Road 357/Hawpond Road at Deep Creek with a new reinforced concrete bridge. This project is located in Crisp County, approximately 6 miles east of Arabi Georgia, in the 13<sup>th</sup> Land District, Land Lot No. 98, 99, 126, 127 and Ga. Militia District 732. The proposed project will be approximately 0.25 miles in length.

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:

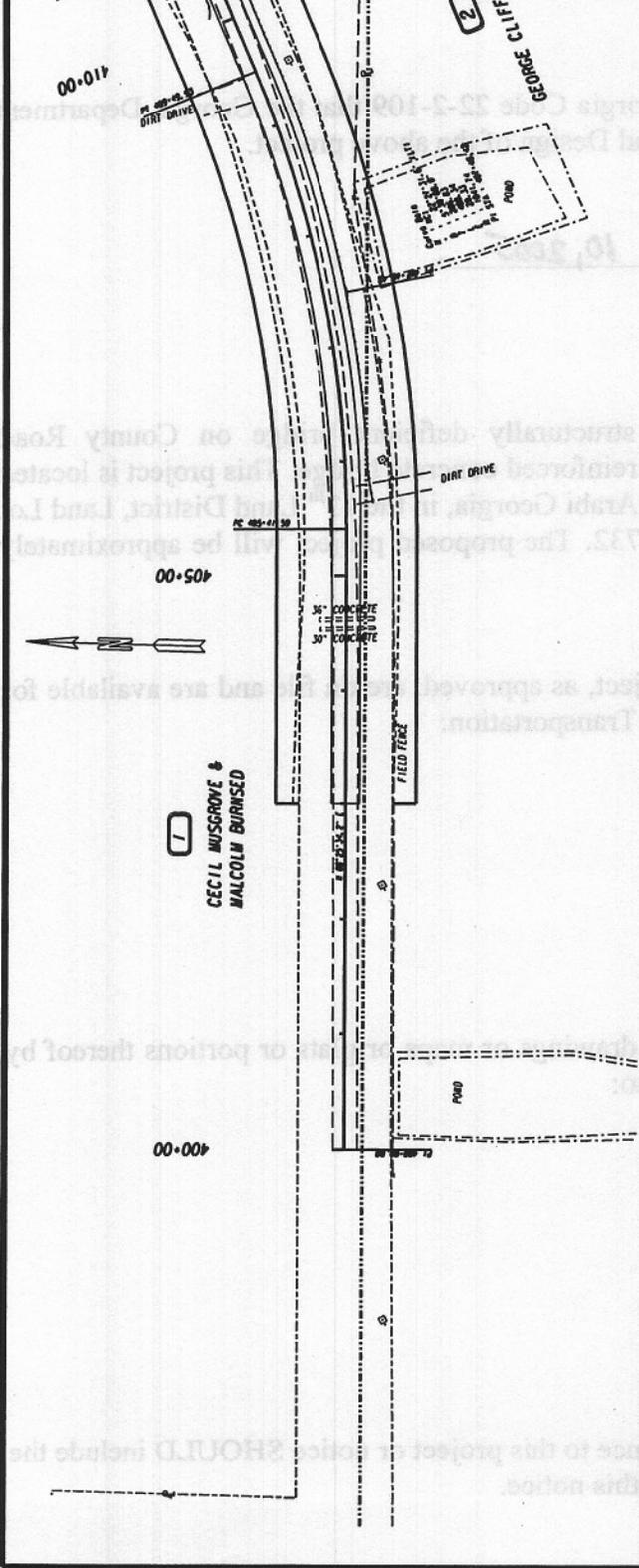
Ronnie Hall, Area Engineer  
ronnie.hall@dot.state.ga.us  
151 Perry House Rd.  
Fitzgerald, GA 31750  
(229) 426-5244

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Jeff Bridges, District Design Engineer  
jeff.bridges@dot.state.ga.us  
Georgia Department of Transportation  
PO Box 7510  
Tifton, GA 31793  
(229) 386-3300

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.

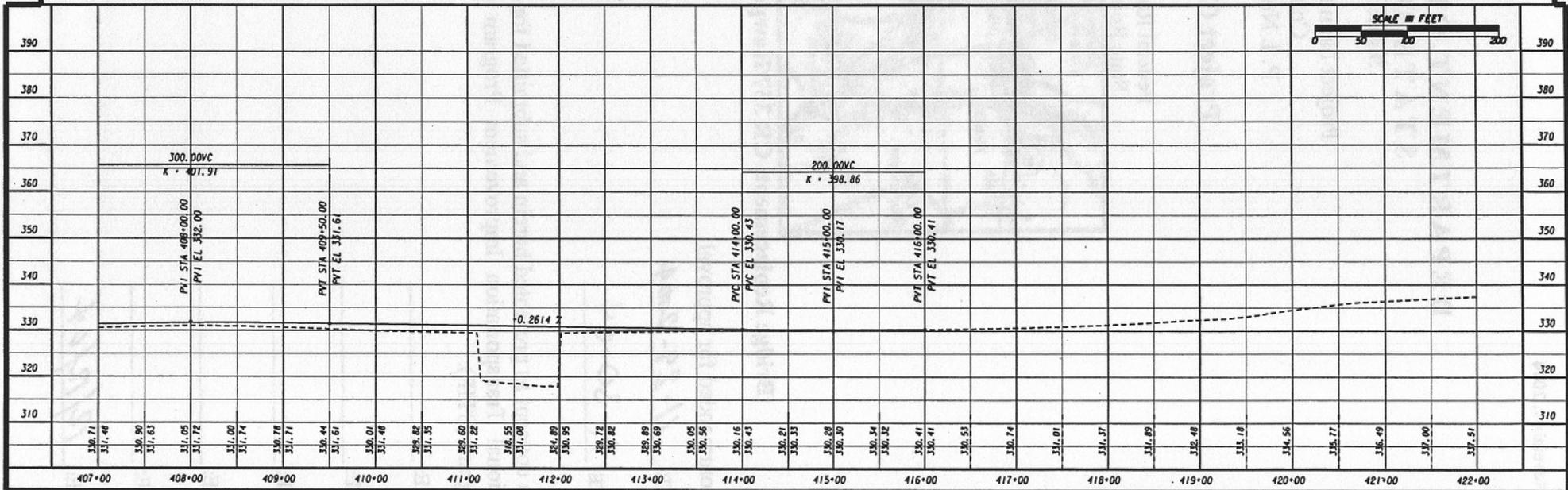
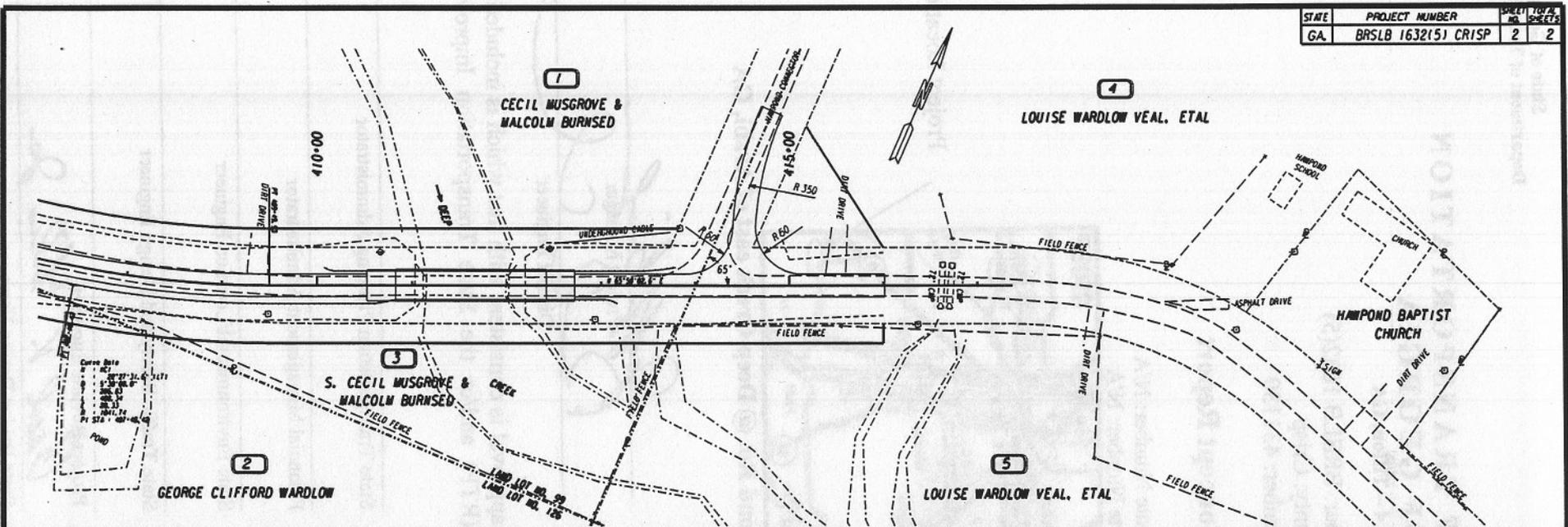
STATE PROJECT NUMBER  
 GA BRSLB 1632(5) CRISP 1 2



Station	Elevation	Notes
400+00	330.41	
400+10	330.38	
400+20	330.35	
400+30	330.32	
400+40	330.29	
400+50	330.27	
401+00	330.25	PVC STA 403+00.00
401+10	330.24	
401+20	330.20	
401+30	330.22	PVI STA 404+00.00
401+40	330.23	PVI EL 330.06
401+50	330.24	
402+00	330.24	
402+10	330.25	
402+20	330.26	
402+30	330.27	
402+40	330.28	
402+50	330.29	
403+00	330.28	PVC STA 406+50.00
403+10	330.27	
403+20	330.21	
403+30	330.14	
403+40	330.12	
403+50	330.10	
404+00	330.08	
404+10	330.05	
404+20	330.03	
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# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

District 4 - Tifton, GA

Project Number: BRSLB 1632(5)

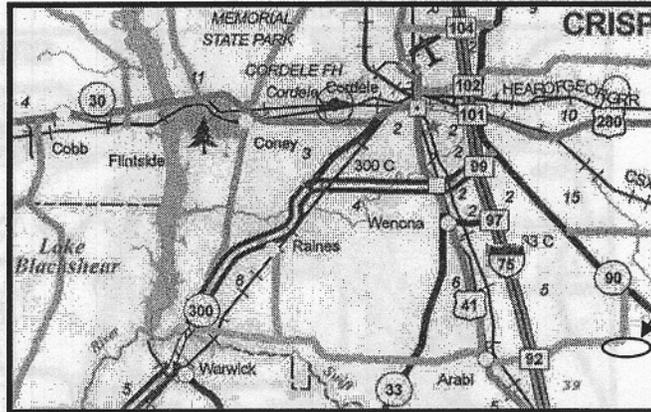
County: Crisp

P. I. Number: 431130

## Project Concept Report

Federal Route Number: N/A

State Route Number: N/A



Project Location

Bridge Replacement: CR 357/Hawpond Rd. @ Deep Creek east of Arabi, GA

Recommended for approval:

DATE: 11-29-2004

DATE: 11-30-04

Jeff Briel  
Project Manager

[Signature]  
District Engineer

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

DATE: \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

DATE: \_\_\_\_\_

\_\_\_\_\_  
Financial Management Administrator

DATE: 12.6.04

[Signature]  
State Environmental/Location Engineer

DATE: \_\_\_\_\_

\_\_\_\_\_  
State Traffic Safety and Design Engineer

DATE: \_\_\_\_\_

\_\_\_\_\_  
Project Review Engineer

DATE: \_\_\_\_\_

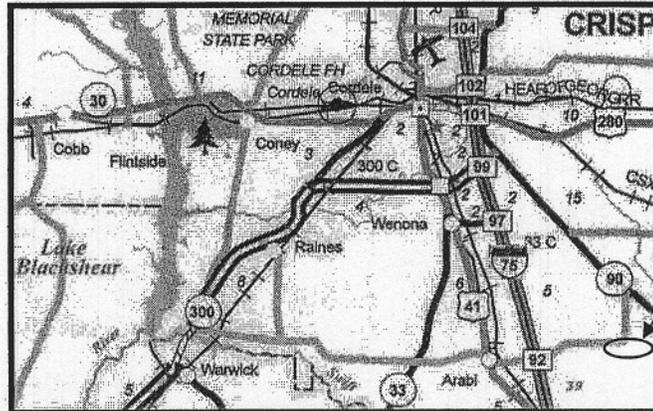
\_\_\_\_\_  
State Bridge Design Engineer

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
District 4 – Tifton, GA

Project Number: BRSLB 1632(5)  
County: Crisp  
P. I. Number: 431130

Project Concept Report

Federal Route Number: N/A  
State Route Number: N/A



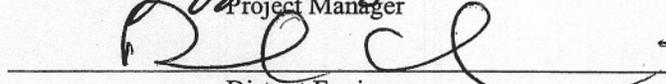
Project Location

Bridge Replacement: CR 357/Hawpond Rd. @ Deep Creek east of Arabi, GA

Recommended for approval:

DATE: 11-29-2004

DATE: 11-30-04

  
Project Manager  
  
District Engineer

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DATE: \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

DATE: \_\_\_\_\_

\_\_\_\_\_  
Financial Management Administrator

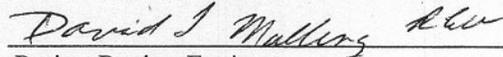
DATE: \_\_\_\_\_

\_\_\_\_\_  
State Environmental/Location Engineer

DATE: \_\_\_\_\_

\_\_\_\_\_  
State Traffic Safety and Design Engineer

DATE: 12/21/04

  
Project Review Engineer

DATE: \_\_\_\_\_

\_\_\_\_\_  
State Bridge Design Engineer

29 November, 2004

State of Georgia  
Department of Transportation

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

District 4 – Tifton, GA

Project Number: BRSLB 1632(5)

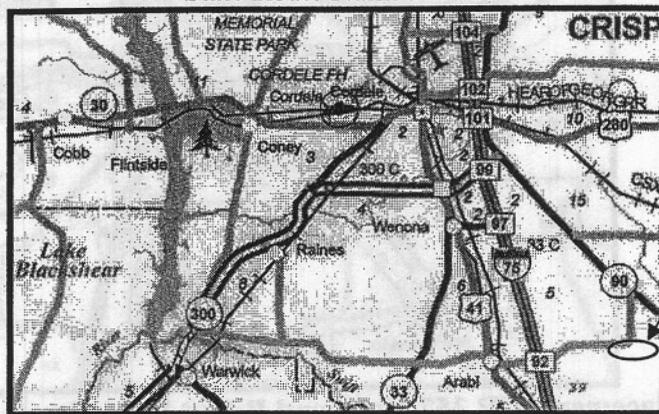
County: Crisp

P. I. Number: 431130

## Project Concept Report

Federal Route Number: N/A

State Route Number: N/A



Project Location

Bridge Replacement: CR 357/Hawpond Rd. @ Deep Creek east of Arabi, GA

Recommended for approval:

DATE: 11-29-2004

DATE: 11-30-04

Jeff Bink  
Project Manager

[Signature]  
District Engineer

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

DATE: 12-2-04

DATE: 12/2/04

DATE: \_\_\_\_\_

DATE: \_\_\_\_\_

DATE: \_\_\_\_\_

DATE: \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

James [Signature]  
Financial Management Administrator

\_\_\_\_\_  
State Environmental/Location Engineer

\_\_\_\_\_  
State Traffic Safety and Design Engineer

\_\_\_\_\_  
Project Review Engineer

\_\_\_\_\_  
State Bridge Design Engineer

Department of Transportation  
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE

File: BRSLB 1632 (5), Crisp County  
P.I. No. 431130

Office: Traffic Safety & Design  
Atlanta, Georgia  
Date: December 10, 2004

*PMAcc*  
From: Phillip M. Allen, State Traffic Safety and Design Engineer  
To: Meg Pirkle, Assistant Director of Preconstruction

Subject: Project Concept Report Review

We have reviewed the above referenced concept report for the proposed bridge replacement on CR 357/Hawpond Rd at Deep Creek, east of Arabia, in Crisp County.

The Office of Traffic Safety and Design finds this report satisfactory for approval because it will improve safety and traffic operations within this area.

PMA/SZ/nr

Attachment (signature page)

Cc: Harvey Keeper, State Environment /Location Engineer  
David Mulling, State Review Engineer  
Joe Palladi, State Transportation Planning Administrator  
Jamine Simpson, Financial Management Administrator  
Paul Liles, State Bridge Engineer  
Jeff Bridges, District Design Engineer  
General Files  
Office Files

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

District 4 – Tifton, GA

Project Number: BRSLB 1632(5)

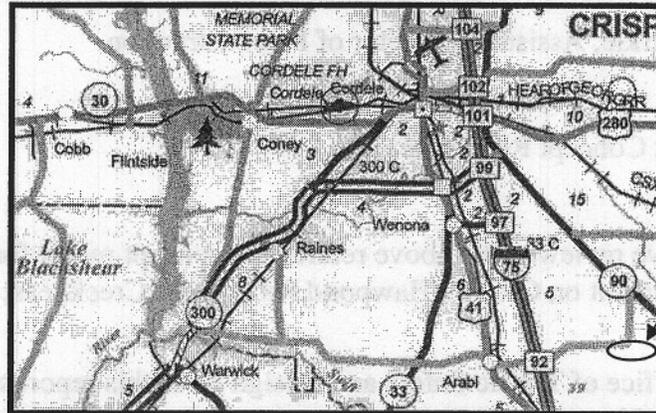
County: Crisp

P. I. Number: 431130

## Project Concept Report

Federal Route Number: N/A

State Route Number: N/A



Project Location

**Bridge Replacement: CR 357/Hawpond Rd. @ Deep Creek east of Arabi, GA**

Recommended for approval:

DATE: 11-29-2004

DATE: 11-30-04

*Jeff Briel*  
Project Manager

*[Signature]*  
District Engineer

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

DATE: \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

DATE: \_\_\_\_\_

\_\_\_\_\_  
Financial Management Administrator

DATE: \_\_\_\_\_

\_\_\_\_\_  
State Environmental/Location Engineer

DATE: 12/14/04

*Phillip M. Allen*  
State Traffic Safety and Design Engineer

DATE: \_\_\_\_\_

\_\_\_\_\_  
Project Review Engineer

DATE: \_\_\_\_\_

\_\_\_\_\_  
State Bridge Design Engineer