

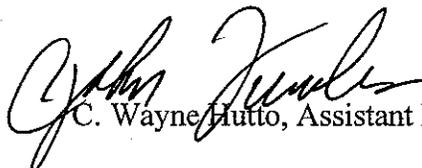
DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** BRZLB-103 (2) Effingham County  
P.I. No. 571450

**OFFICE** Preconstruction

**DATE** November 27, 2001

**FROM**  C. Wayne Hutto, Assistant Director of Preconstruction

**TO** SEE DISTRIBUTION

**SUBJECT** PROJECT CONCEPT REPORT APPROVAL

Attached for your file(s) is the approval for subject project.

CWH/cj

Attachment

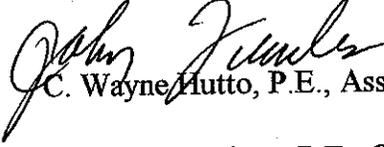
**DISTRIBUTION:**

Tom Turner  
David Mulling  
Harvey Keeper  
Jerry Hobbs  
Herman Griffin  
Michael Henry  
Phillip Allen  
Marta Rosen  
Paul Liles  
Jimmy Chambers  
Gary Priester

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** BRZLB-103(2) Effingham County **OFFICE** Preconstruction  
P.I. No. 571450 **DATE** November 7, 2001

**FROM**  J.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 functionally obsolete and structurally deficient bridge on CR 183/Log Landing Road over Ebenezer Creek, 4.0 miles north of Rincon, Georgia. The existing bridge, constructed in 1978, consists of timber pile foundation, concrete and timber superstructure, concrete deck with a sufficiency rating of 67. The original design load capacity is H-15. In accordance with DOT MOG 2405-1, the existing bridge meets the established criteria for replacement. County Road 183 is a two lane rural (24') roadway with a speed limit of 35 MPH. The base year traffic (2004) along this section of CR 183 is 500 VPD. The 20 year (2024) or design year volume is 700 VPD. The proposed design speed is 40 MPH.

The construction proposes to construct a new 160' x 30' concrete bridge over Ebenezer Creek at the existing bridge site. The approaches will consist of two, 12' lanes with 6' rural shoulders. This portion of CR 183 will be closed to traffic during construction. Effingham County will be 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 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)	\$422,000	\$622,000	2002	02-04
Right-of-Way & Utilities*	Local	Local		

\*Effingham County signed LGPA on 8-3-99 for right-of-way, utilities, and detours.

Frank L. Danchetz

Page 2

BRZLB-103(2) Effingham

November 7, 2001

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

CWH:JDQ/cj

Attachment

CONCUR



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

APPROVE



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

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

-----  
**INTERDEPARTMENTAL CORRESPONDENCE**

**FILE:** BRZLB-103(2) Effingham  
P.I. Number 571450-

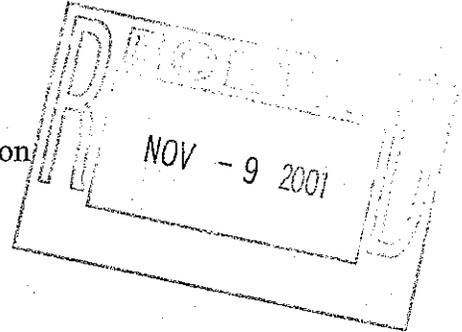
**OFFICE:** Engineering Services

**DATE:** November 8, 2001

**FROM:** David Mulling, <sup>DTM</sup> Project Review Engineer

**TO:** Wayne Hutto, Assistant Director of Pre-construction

**SUBJECT:** CONCEPT REPORT



We have reviewed the concept report submitted October 29, 2001 by the letter from Gary D. Priester dated October 24, 2001, and have the following comments:

1. The Need and Purpose Statement does not provide adequate justification for the proposed bridge replacement. See Appendix B of the Plan Development Process for guidance.
2. Unless the costs of rehabilitating and widening the existing bridge can be shown to be more than the cost of replacement, the project does not qualify for bridge replacement funds. Justification for not rehabilitating and widening the existing bridge needs to be provided. See Topps Directive 2405 – Bridge Replacements, and contact the State Bridge Maintenance Engineer for guidance.

The costs for the project are:

Construction	\$349,000
Inflation	\$ 35,000
E&C	\$ 38,000
Reimbursable Utilities	\$ 0
Right of Way	\$ 25,000

DTM

c: Gary Priester – Attention: Dennis Odom

## SCORING RESULTS AS PER MOG 2440-2

<b>Project Number:</b> BRZLB-103(2)		<b>County:</b> EFFINGHAM		<b>PI No.:</b> 571450-		
<b>Report Date:</b> 10/24/01			<b>Concept By:</b> DOT Office: DISTRICT 5			
<input checked="" type="checkbox"/> CONCEPT			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 <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		
<b>FOCUS AREAS</b>	<b>SCORE</b>	<b>RESULTS</b>				
<b>Presentation</b>	80%	Need and Purpose Statement does not provide adequate justification for bridge replacement. Justification for not rehabilitating and widening existing bridge is needed.				
<b>Judgement</b>	100%					
<b>Environmental</b>	100%					
<b>Right of Way</b>	100%					
<b>Utility</b>	100%					
<b>Constructability</b>	100%					
<b>Schedule</b>	100%					

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

Interdepartmental Correspondence

File: BRZLB-103(2) Effingham County  
PI No. 571450  
Log Landing Road @ Ebenezer Creek

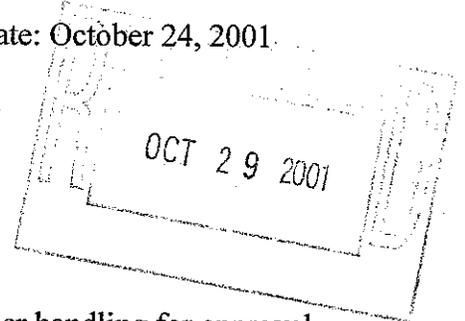
Office : Jesup

Date: October 24, 2001.

From: Gary D. Priester, District Engineer, Jesup 

To: Wayne Hutto, Assistant Director of Preconstruction

Subject: **Project Concept Report**



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

This project is for the replacement of the bridge at Ebenezer Creek on Log Landing Road (CR 183). Should you have any questions or need any additional information, please contact Dennis Odom at 912-427-5716.

ADO

**Attachments**

cc:  
General File Unit, Atlanta  
Harvey Keeper, Office of Environment / Location  
Marta Rosen, Office of Planning  
David Mulling, Office of Engineering Services  
Paul Liles, Office of Bridge Design  
Herman Griffin, Office of Programming  
Phillip Allen, Office of Traffic Safety and Design  
Jesup Files

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

*Office: Jesup*

Project Number: BRZLB-103(2)  
County: Effingham  
P. I. Number: 571450

Federal Route Number: None  
State Route Number: None  
County Road 183

Recommendation for approval:

DATE 10-24-01

Anthony D. Odum  
Project Manager

DATE 10/25/01

Mary R. Pitt  
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/or the State Transportation Improvement Program (STIP).

*RAW*  
*10/25/01*  
*6-NOV-2001*

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Programming Engineer

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

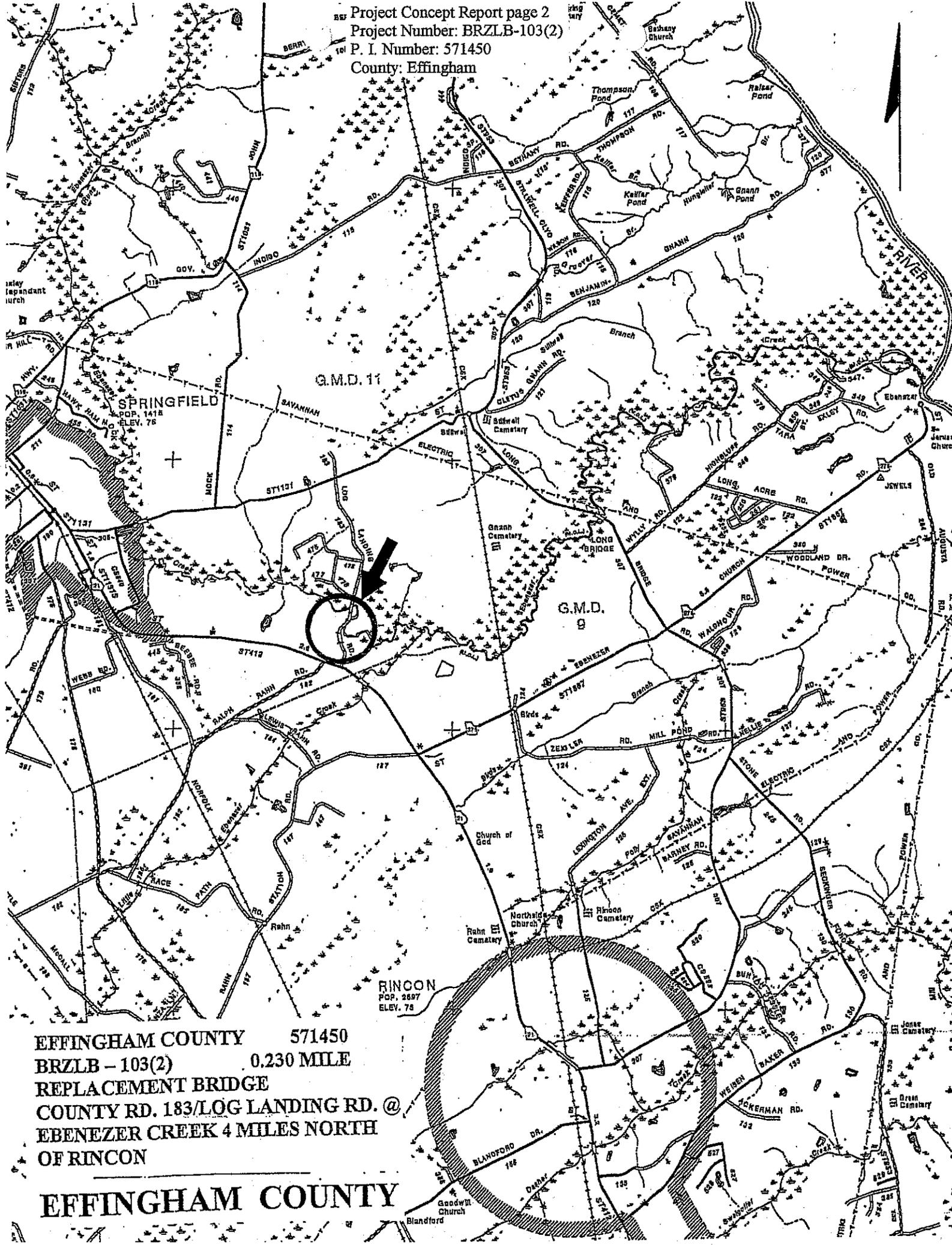
\_\_\_\_\_  
State Traffic Safety and Design Engineer

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Bridge and Structural Engineer



EFFINGHAM COUNTY 571450  
BRZLB - 103(2) 0.230 MILE  
REPLACEMENT BRIDGE  
COUNTY RD. 183/LOG LANDING RD. @  
EBENEZER CREEK 4 MILES NORTH  
OF RINCON

EFFINGHAM COUNTY

Project Concept Report page 3  
Project Number: BRZLB-103(2)  
P. I. Number: 571450  
County: Effingham

**Need and Purpose:** This project is needed to replace a bridge with substandard load capacity, and deck geometry. The bridge has a sufficiency rating of 67.1.

**Description of the proposed project:** The approximate length of the project is 0.148 mile, it is located 3.1 miles northeast from the City Limits of Rincon Georgia, on county road 183, Log Landing Road at Ebenezer Creek. The logic for establishing this termini is due to replacing the bridge, and reworking the shoulders and slopes to accommodate the guardrail. The concept proposes to satisfy the Need and Purpose by replacing a substandard load capacity and deck geometry bridge, while at the same time placing guardrail, and upgrading shoulders to accommodate guardrail.

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

**PDP Classification:** MAJOR \_\_\_\_\_ MINOR       X        
FEDERAL Full Oversight ( ), Exempt(x), State Funded( ), or Other ( )  
OVERSIGHT :

**Functional Classification:** Rural Collector

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

**State Route Number(s):** None

**Traffic (AADT):**

Current Year: (2004) adt 500

Design Year: (2024) adt 700

**Existing design features:**

- Typical Section: Two paved 12' lanes, 6' shoulders, with v ditch left and right.
- Posted speed 35 mph Maximum degree of curvature: 12^15'
- Maximum grade: 0.03% mainline 10.5% driveways
- Width of right of way: 100 ft.
- Major structures: 142' x 22.7' bridge with sufficiency rating of 67.1.  
60' x 80' Sextuple 10' x 5' box culvert (150' north of bridge).
- Major interchanges or intersections along the project: None Existing length of roadway segment and the beginning mile logs for each county segment. 0.148 mile.

**Proposed Design Features:**

- Proposed typical section(s): Two paved 12' lanes, with 6' shoulders left and right, and 2' wide ditches.
- Proposed Design Speed Mainline 40 mph
- Proposed Maximum grade Mainline 0.03% Maximum grade allowable 4.50%.
- Proposed Maximum grade Side Street N/A% Maximum grade allowable N/A%.
- Proposed Maximum grade driveway 10.5%
- Proposed Maximum degree of curve. None. Maximum degree allowable 12^15' @ 40 mph.
- Right of way
  - Width - 30 feet required on left side.
  - Easements: Temporary (X), Permanent ( ), Utility ( ), Other ( ).
  - Type of access control: Full ( ), Partial ( ), By Permit (x), Other ( ).
  - Number of parcels: 2                      Number of displacements: 0
    - Business: 0
    - Residences: 0
    - Mobile homes: 0
    - Other: 0
- Structures:
  - Bridge: 160' x 34'30' *ADP 8-Nov-2001*
  - Retaining walls: None
- Major intersections and interchanges. None
- Traffic control during construction: Road to be closed during construction.
- Design Exceptions to controlling criteria anticipated: None 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)

Project Concept Report Page 5  
Project Number: BRZLB-103(2)  
P.I. Number: 571450  
County: Effingham

- Design Variances: None anticipated.
- Environmental concerns: Possible Section 404 permit. No hazardous waste sites, history, or archaeological sites were noted at the project site.
- Level of environmental analysis:
  - Are Time Savings Procedures appropriate? Yes (x), No ( ),
  - Categorical exclusion (x),
- Utility involvements: Power and Telephone.

**Project responsibilities:**

- Design – District 5 Design Section
- Right of Way Acquisition – Effingham County
- Relocation of Utilities – Utility Companies
- Letting to contract – G.D.O.T.
- Supervision of construction – G.D.O.T.
- Providing material pits - Contractor
- Providing detours – Effingham County

**Coordination**

- A concept meeting was held on March 19, 2001. Minutes are attached
- No P. A. R. meetings were held
- No public involvement
- Local Government involvement: LGPA Signed on August 3<sup>rd</sup> 1999.
- Other projects in the area:  
PR-183-3 (103)C1 Grade, Drain, Base, and Surface Log Landing Road, along our project. This included the construction of a box culvert north 150' North of the existing bridge. This project is currently under construction.
- No other coordination to date.
- RAILROADS ?

**Scheduling – Responsible Parties' Estimate**

- Time to complete the environmental process: 6 Months.
- Time to complete preliminary construction plans: 6 Months.
- Time to complete right of way plans: 6 Months.
- Time to complete the Section 404 Permit: 9 Months
- Time to complete final construction plans: 6 Months.
- Time to complete to purchase right of way: 12 Months.
- List other major items that will affect the project schedule: None

Project Concept Report page 6  
Project Number: BRZLB-103(2)  
P. I. Number: 571450  
County: Effingham

**Other alternates considered:** On site detour.

**Attachments:**

1. Cost Estimate
2. Sketch location map
3. Notice of Location and Design Approval
4. Typical sections
5. Bridge inventory
6. Minutes of Concept Meeting
7. Local Government Project Agreement
8. Photos

**Approvals**

Concur: \_\_\_\_\_  
Director of Preconstruction

Approve: \_\_\_\_\_  
Chief Engineer

*[Handwritten Signature]*  
6-Nov-2021

# PRELIMINARY COST ESTIMATE

DATE: March 19, 2001

PROJECT NUMBER: BRZLB-103(2) Effingham County

P.I. NUMBER: 571450

PROJECT DESCRIPTION: Br. Replacement CR 183 @ Ebenezer Ck.

PROPOSED CONCEPT: Replace Substandard load capacity or geomerty Bridge

TRAFFIC:            EXISTING (2004) adt 500          DESIGN (2024) adt 700

Program Process ( )    Concept Development ( X )    Project Development ( )

## PROJECT COSTS

### A. RIGHT OF WAY:

1. PROPERTY ( LAND & EASEMENTS)	\$	\$25,000
2. DISPLACEMENTS \$ RELOCATIONS -		\$0.00
3. OTHER COSTS (ADM./COURT/INFLATION) -		\$0
	SUBTOTAL =====	\$25,000

### B. REIMBURSABLE UTILITIES:

1. TELEPHONE LINES - ALLTEL	LGPA	\$0
2. TRANSMISSION LINES -		\$0
3. SERVICES -		\$0
	SUBTOTAL =====	\$0

### C. MAJOR STRUCTURES:

1. WALLS -		\$0
2. BRIDGE- stream crossing - 160' X 36' @ \$45.00 SQ. FT.		\$259,200
3. BRIDGE - over/underpass		\$0
4. BOX CULVERTS -		\$0
	SUBTOTAL =====	\$259,200

**D. GRADING AND DRAINAGE:**

**1. EARTHWORK**

Grading Complete \$17,500  
unclas excavation -

**2. DRAINAGE**

a. CROSS DRAIN PIPES (exc. Box culverts) - \$3,000

b. CURB & GUTTER - \$0

c. LONGITUDINAL SYSTEM ( incl. Catch Basins) - \$0

**SUBTOTAL =====** \$20,500

**E. BASE AND PAVING:**

1. AGGREGATE BASE - \$3,750

2. ASPHALT PAVING - SUPERPAVE - \$14,850

3. CONCRETE PAVING - \$0

4. OTHER (driveways, mill existing paving, etc.) - \$0

**SUBTOTAL =====** \$18,600

**F. LUMP SUM ITEMS:**

1. EROSION CONTROL - \$20,000

2. CLEARING & GRUBBING - \$7,000

3. TRAFFIC CONTROL - \$5,000

4. LANDSCAPING - \$0

5. DETOURS ( incl Temp. bridges) - \$0

**SUBTOTAL =====** \$32,000

**G. MISCELLANEOUS:**

1. LIGHTING - \$0

2. SIGNING & STRIPING - \$2,000

3. GUARDRAIL - \$16,414

**SUBTOTAL =====** \$18,414

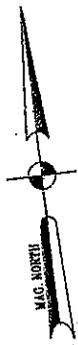
**ESTIMATE SUMMARY**

A. RIGHTS-OF-WAY -----		\$25,000
B. REIMBURSABLE UTILITIES -----	LGPA	\$0

**CONSTRUCTION COST SUMMARY**

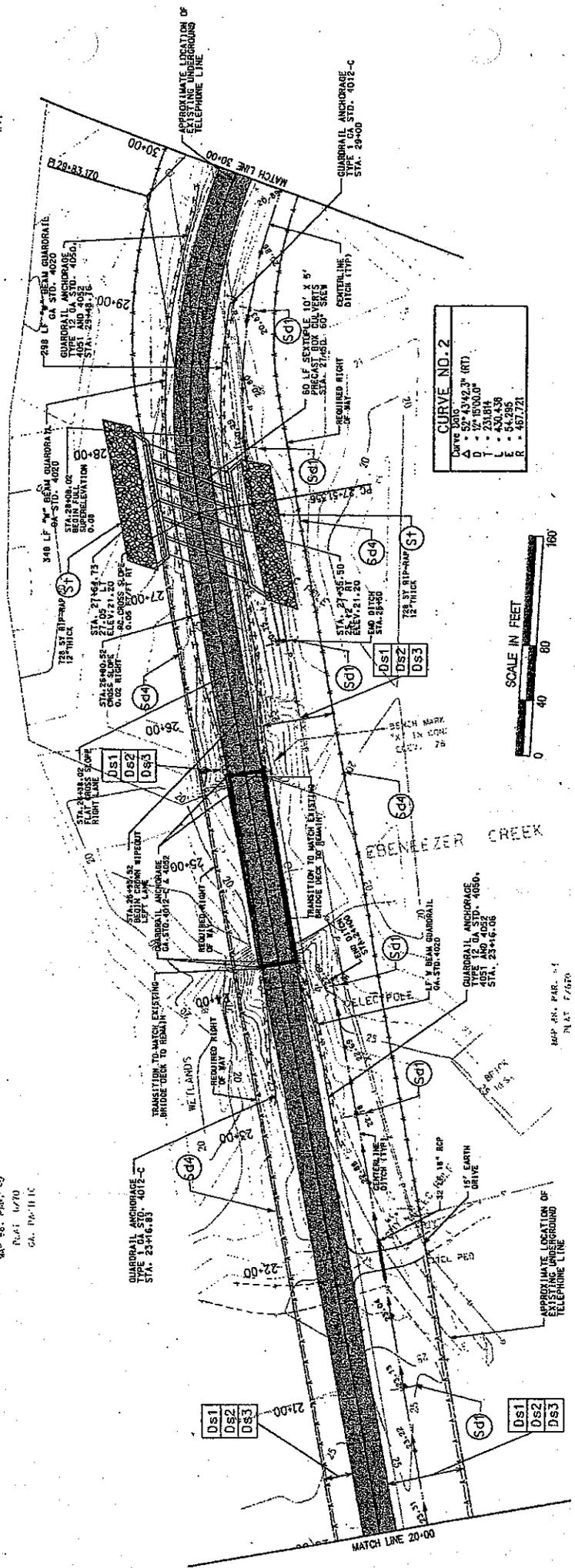
C. MAJOR STRUCTURES -----		\$259,200
D. GRADING AND DRAINAGE -----		\$20,500
E. BASE AND PAVING -----		\$18,600
F. LUMP SUM ITEMS -----		\$32,000
G. MISCELLANEOUS -----		\$18,414
SUBTOTAL CONSTRUCTION COST -----		<u>\$348,714</u>
E & C (10%) -----		\$34,871
INFLATION ( YR. @ 5% /YR) -----		\$0
TOTAL CONSTRUCTION COST =====		<u>\$383,585</u>
GRAND TOTAL PROJECT COST =====		\$408,585

Cost Estimate Prepared by: Jim McCray



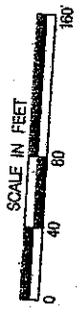
GENESEE CREEK

MAP 53, PAR. 51  
 PLAT 1670  
 GA. P.O. 111



**CURVE NO. 2**

Curve	200
D	27.8500.00
Y	231.814
L	430.438
E	54.285
R	467.721



REP. PAR. 51  
 PLAT 1670  
 GA. P.O. 111

APPROXIMATE LOCATION OF EXISTING UNDERGROUND TELEPHONE LINE

# NOTICE OF LOCATION AND DESIGN APPROVAL

*Project No. BRZLB-103(2)*  
*P. I. NUMBER 571450*

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.

Date of Location Approval: NOVEMBER 27, 2001

Date of Environmental Approval: \_\_\_\_\_

The project consist of improvements of C.R. 183 (Log Landing Road) over Ebenezer Creek, located in Effingham County, 3.1 miles northeast of Rincon. The project is for the replacement of a bridge with substandard load capacity, and deck geometry. The bridge has a high priority for replacement with a sufficiency rating of 67.1.

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:

Claude Jackson  
GDOT  
Claude.Jackson@dot.state.ga.us  
17213 Hwy 301 North  
Statesboro GA 30458  
Phone: 912-871-1103

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:

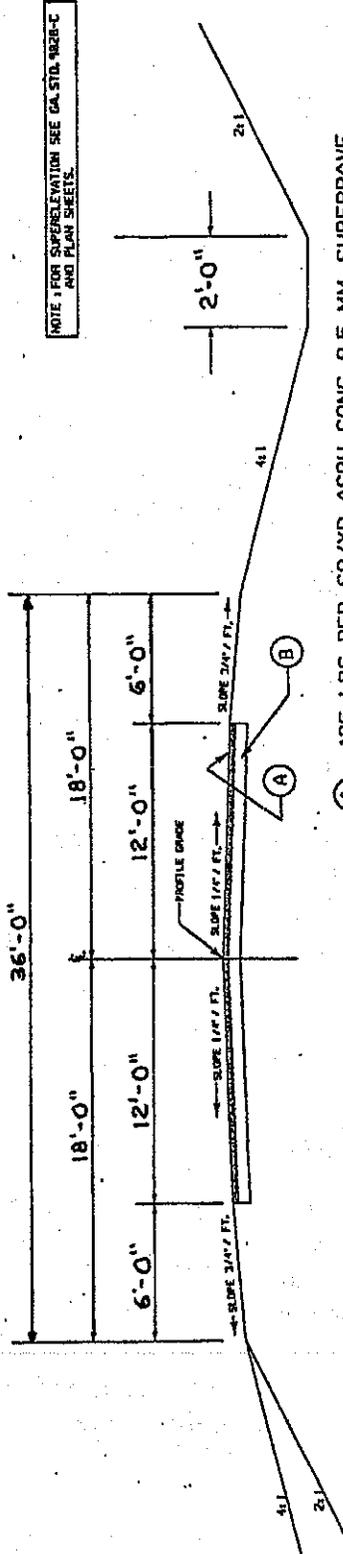
Tony Collins  
GDOT  
Tony.Collins@dot.state.ga.us  
P.O. Box 608  
Jesup GA 31598  
Phone: 912-427-5715

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	SHEET TOTAL
GA.	BR/103-103 (2)	NO. SHEETS

# TYPICAL SECTION

ALTERNATE "A"

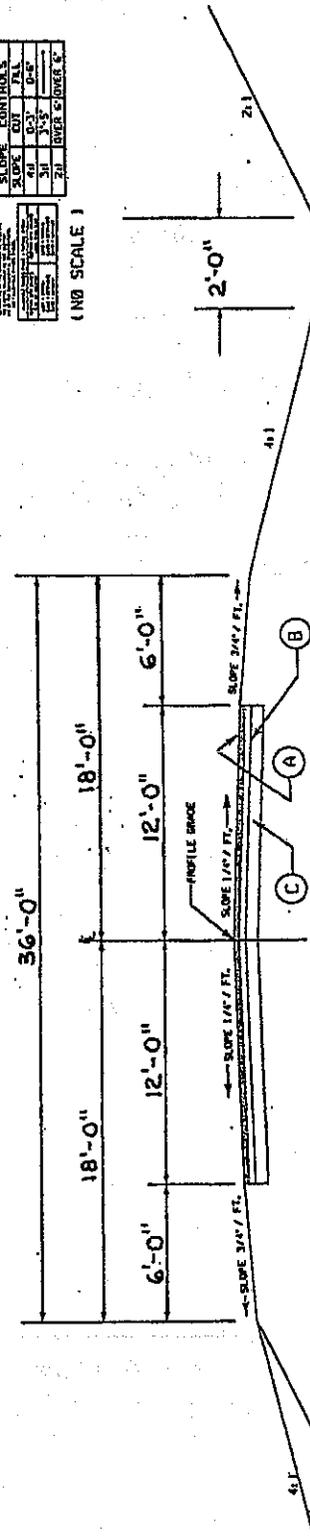


NOTE: FOR SUPERPAVE CONSTRUCTION SEE GA. STD. 802B-C AND PLAN SHEETS.

- (A) 135 LBS. PER SQ/YD ASPH CONC 9.5 MM SUPERPAVE
- (B) 440 LBS. PER SQ/YD ASPH CONC 25 MM SUPERPAVE

THE ABOVE TYPICAL SECTION WILL APPLY FROM:

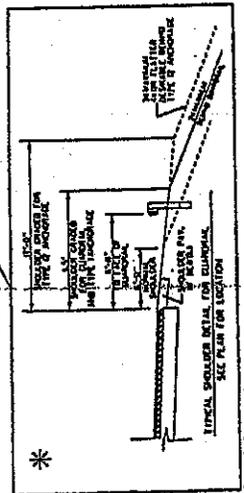
ALTERNATE "B"



SLOPE CONTROLS	
SLOPE	CONTROL
4:1	TOP OF FILL
3:1	TOP OF SUBGRADE
2:1	TOP OF SUBGRADE

(1/8" SCALE)

THE ABOVE TYPICAL SECTION WILL APPLY FROM:



- (A) 135 LBS. PER SQ/YD ASPH CONC 9.5 MM SUPERPAVE
- (B) 220 LBS. PER SQ/YD ASPH CONC 19 MM SUPERPAVE
- (C) GRADED AGGREGATE BASE - 4 IN.

## 1----- 1: LOCATION AND GEOMETRIC DATA

18-JAN-2001

BRIDGE IN EFFINGHAM COUNTY | SERIAL NUMBER : 5018-0

----- FACILITY CARRIED ----- | YEAR CONSTRUCTED : 1978  
 LOG LANDING ROAD | YEAR RECONSTRUCTED: None  
 ----- LOCATION ----- | DATE INSEPCTED : March 2000

0 4 MI N OF RINCON | DESIGN LOAD : H-15

----- FEATURES INTERSECTED ----- | NATIONAL TRUCK RTE: OFF NETWO  
 RK EBENEZER CREEK | SCHOOL BUS ROUTE : YES

TYPE SERVICE ON : Highway  
 TYPE SERVICE UNDER: Waterway.  
 STRUCTURE : Concrete Slab

SURFACE : Concrete.  
 DECK : Concrete

MAIN SUPPORT: No beams (arch or slab)

SUBSTRUCTURE: Timber; Concrete

FOUNDATION : Timber pile.

## ----- 2: SIGNS AND ATTACHMENT DATA

GUARDRAIL REAR : Both sides, approach and continuous.

GUARDRAIL FORWARD : Both sides, approach and continuous.

GUARDRAIL REAR OPP DIR: None.

GUARDRAIL FOR. OPP DIR: None.

## ----- 3: PROGRAMMING DATA

CONTARCT DATE : 02/01/03  
 RANKING NUMBER : 0 Priority rating  
 TOTAL PROJECT COST: \$246,000. (1990 IMPROVEMENT COST ESTIMATE)

LAST PROJECT # : PR 183-1 (103)  
 PROPOSED PROJECT #: BRZLB-103 (2)  
 PROPOSED WORK : Replace; substandard load capacity or geometry.  
 RECONSTRCT. STATUS: Not eligible for Federal Bridge Replacement Funds

## ----- 4: HYDRAULIC DATA

SCOUR CRITICAL: Scour calculations not yet made

## ----- 5: MEASURMENT DATA

NUMBER OF LANES ON: 2 UNDER: 0  
 STRUCTURE LENGTH : 142 FT BRIDGE ROADWAY WIDTH: 22.7 FT  
 CLEARANCE (FT-IN) : OVER: 99-99 UNDER: 00-00 HORIZONTAL: 22.7 FT  
 SIDEWALK OR CURB : None found.

Dsp23c.103

BRIDGE RAILING : Meets current acceptable standards.

APPROACH GUARDRAIL: Meets current acceptable standards.

---- 6: RATING DATA

INVENTORY : Indefinite safe use HS loading of 24 tons.

OPERATING : 10 to 19.9% below legal load limit.

SUFFICIENCY : 67.1

STRUCTURE : Better than minimum adequacy to allow being left in place.

DECK : GOOD, some minor problems.

MAIN SUPPORT: GOOD, some minor problems.

SUBSTRUCTURE: FAIR, sound primary elements, possible minor defects.

SCOUR : TRIVIAL - small and almost unnoticable scoure.

CHANNEL PROT: Minor damage and drift, minor repair needed.

---- 7: POSTING DATA

STRUCTURE POSTED : Posted for load.

TEMPORARY POSTING: No temporary conditions exist.

ACTUAL POSTINGS : [H: 09 TONS] [TRI: NP TONS] [3S2: 20 TONS]

MINUTES OF THE CONCEPT MEETING  
BRZLB-103(2) EFFINGHAM COUNTY  
P.I. NUMBER 571450  
DATE: MARCH 19, 2001

The meeting began at 10:02 A.M. at the Springfield Sub Office, at which time the description of the project was read, and the main headings from the Project Concept Report were covered. During this time a sign in sheet was passed around for those in attendance to sign.

**Those in attendance:**

Allen Troha	Traffic Operations	Jesup
Willie T. Lewis	Construction	Statesboro
Jason Hendley	Construction	Statesboro
Melvin E. Johnson	Local Government R/W	Jesup
James R. McCray	Design	Jesup

It was suggested that if the road should be closed in order to construct the new bridge. It was also suggested that the County should be responsible for rerouting the bus route, and closing the road.

It was also reported that the posted speed on the existing road was 35 M.P.H., and that the existing Right Of Way is 100 feet. It was further reported, that if any additional Right of Way or easements should be required, the County would be responsible for any acquisition.

The bridge inventory report was read, and it was reported that the bridge has a sufficiency rating of 67.1. It was further noted that the bridge was operating at 10 to 19.9% below legal load limit, and that the bridge is a substandard bridge with poor geometry.

---

The Concept Team assembled at the project site to make other decisions in reference to the Project Concept Report.

It was noted that the utilities, which were Power and Telephone, were located on the eastside of the project.

The team suggested contacting the County about salvaging the old bridge.

It was recommended that full length approach slabs be placed at the required bridge.

It was also recommended that the new guardrail be placed in accordance with the standards at the bridge, and extended continuously to the approach, and trailing end of the existing bridge culvert located north of the bridge.

The Concept Team traveled the entire length of the road from the bridge to the terminus, and the length was noted as being 0.90 mile, with 12 residencies. The length from S.R. 21 to the bridge is approximately 0.30 mile, with 1 residence. A determination was made from the forgoing information to close the road.



ORIGINAL

# Department of Transportation

State of Georgia

#2 Capitol Square, S.W.

Atlanta, Georgia 30334-1002

July 21, 1999

WAYNE SHACKELFORD  
COMMISSIONER  
(404)656-5206

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

RECEIVED

AUG 05 1999

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

BILLY F. SHARP  
TREASURER  
(404)656-5224

## LOCAL GOVERNMENT PROJECT AGREEMENT

In consideration of the proposed improvements, EFFINGHAM County agrees to provide or perform the following at no cost to the Georgia D.O.T. for project BRZLB-103(2) EFFINGHAM CO., PI # 571450-:

### BRIDGES

#### CR 183/LOG LANDING ROAD @ EBENEZER CREEK 4 MI N OF RINCON

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.

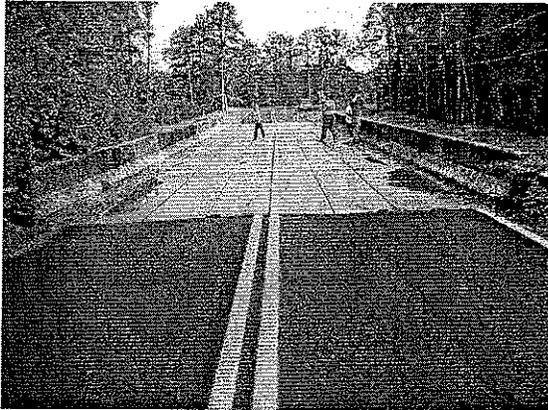
This 3<sup>rd</sup> day of August, 19 99

APPROVED Phillip E. King

City/County Official



Project BRZLB-103(2), PI No. 571450, Effingham County  
CR 183, Log Landing Road @ Ebenezer Creek  
Photos from Pre-survey Meeting Held on September 20, 2001



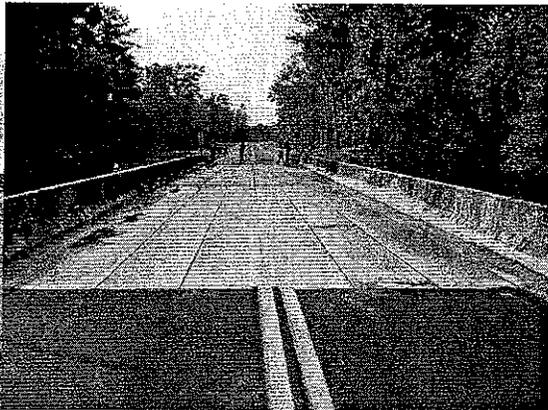
Bridge from South side looking North



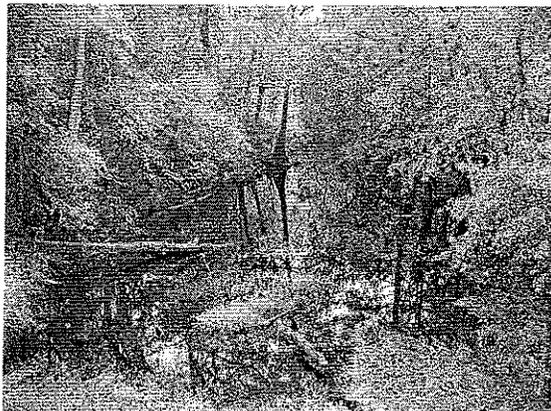
Bridge from West side looking East



Bridge from East side looking West.



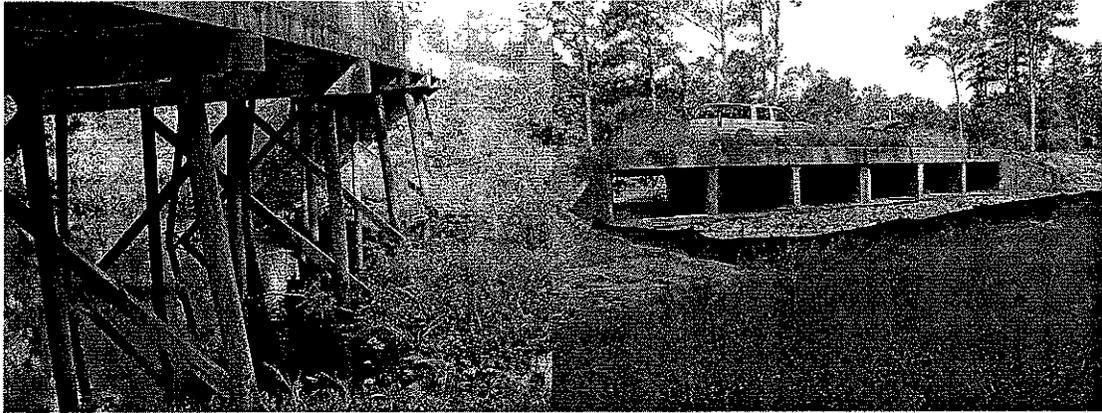
Bridge from North side looking South



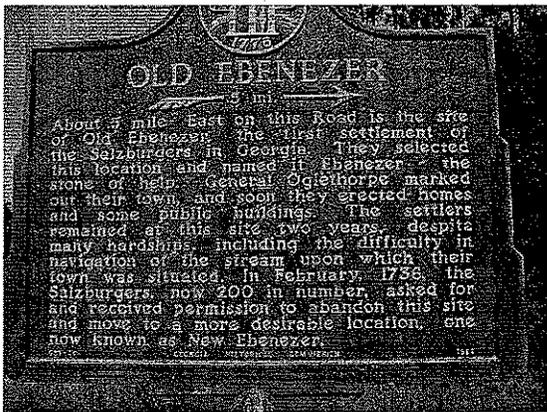
Ebenezer Creek from Bridge looking East



Ebenezer Creek from Bridge looking West



Under Bridge from South side looking North      Culvert located 150' North of Bridge



Historical Sign at the intersection of SR21 with CR 183, Log Landing Road.

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

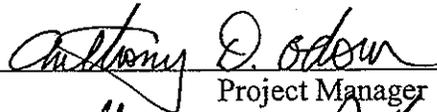
*Office: Jesup*

Project Number: BRZLB-103(2)  
County: Effingham  
P. I. Number: 571450

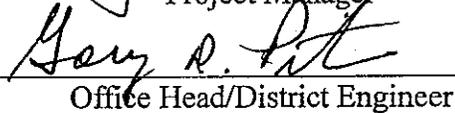
Federal Route Number: None  
State Route Number: None  
County Road 183

Recommendation for approval:

DATE 10-24-01

  
Project Manager

DATE 10/25/01

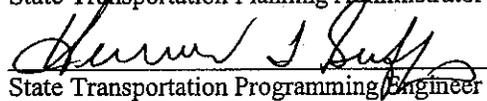
  
Office Head/District Engineer

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

DATE \_\_\_\_\_

State Transportation Planning Administrator

DATE 10-24-01

  
State Transportation Programming Engineer

DATE \_\_\_\_\_

State Environmental/Location Engineer

DATE \_\_\_\_\_

State Traffic Safety and Design Engineer

DATE \_\_\_\_\_

Project Review Engineer

DATE \_\_\_\_\_

State Bridge and Structural Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

*Office: Jesup*

Project Number: BRZLB-103(2)

County: Effingham

P. I. Number: 571450

Federal Route Number: None

State Route Number: None

County Road 183

Recommendation for approval:

DATE 10-24-01

*Anthony D. Odum*  
Project Manager

DATE 10/25/01

*Gary R. Pitt*  
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/or the State Transportation Improvement Program (STIP).

DATE 11-5-01

*Marta V. Roseman*  
State Transportation Planning Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Programming Engineer

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Bridge and Structural Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

*Office: Jesup*

Project Number: BRZLB-103(2)

County: Effingham

P. I. Number: 571450

Federal Route Number: None

State Route Number: None

County Road 183

Recommendation for approval:

DATE 10-24-01

*Anthony D. Odum*  
Project Manager

DATE 10/25/01

*Gary R. Pitt*  
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/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 Safety and Design Engineer

DATE \_\_\_\_\_

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

DATE 11/7/01

*Paul V. Giles Jr*  
State Bridge and Structural Engineer

# Department of Transportation State of Georgia

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## INTERDEPARTMENTAL CORRESPONDENCE

File: BRZLB – 103 (2) / Effingham County  
P.I. No. 571450

Office: Traffic Safety & Design  
Atlanta, Georgia  
Date: November 6, 2001

*PMA/c*  
From: Phillip M. Allen, State Traffic Safety and Design 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 183/Log Landing Road over Ebenezer Creek. This project is located 3.1 miles northeast of Rincon.

The existing structure is 23 feet wide with a sufficiency rating of 67.1. The concept proposes to construct a new structure 34 feet wide for the two-lane roadway. The current ADT is 500 vehicles and the design year ADT is projected to be 700 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.

PMA/bm

Attachment (signature page)

Cc: Harvey Keeper, State Environment/Location Engineer  
Gary Priester, District Engineer - Jesup  
Attention: Dennis Odom, 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**

*Office: Jesup*

Project Number: BRZLB-103(2)

County: Effingham

P. I. Number: 571450

Federal Route Number: None

State Route Number: None

County Road 183

Recommendation for approval:

DATE 10-24-01

*Anthony D. Odum*  
Project Manager

DATE 10/25/01

*Gary R. Pitt*  
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/or the State Transportation Improvement Program (STIP).

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Programming Engineer

DATE \_\_\_\_\_

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

DATE 11/19/01

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Bridge and Structural Engineer