

D.O.T. 66

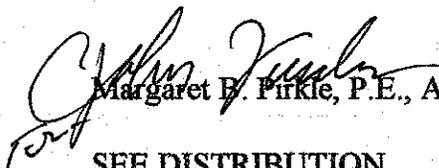
**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** BR-0001-00(223) Glynn County  
P. I. No. 0001223

**OFFICE** Preconstruction

**DATE** July 24, 2003

**FROM**  Margaret E. Firkle, 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

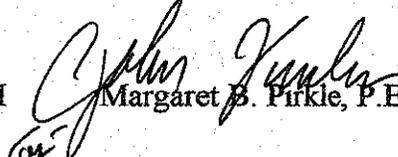
**DISTRIBUTION:**

David Mulling  
Harvey Keeper  
Jerry Hobbs  
Percy Middlebrooks  
Michael Henry  
Phillip Allen  
Joe Palladi  
Paul Liles  
Brent Story  
Gary Priester  
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** BR-0001-00(223) Glynn County **OFFICE** Preconstruction  
P.I. No. 0001223  
**DATE** July 10, 2003

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

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

**SUBJECT PROJECT CONCEPT REPORT**

This project is the replacement of a structurally deficient bridge on CR 78 over Burnett Creek, 3.0 miles northwest of Brunswick, Georgia. The existing bridge, constructed in 1965, is load limited with a sufficiency rating of 43. County Road 78 at this location is a rural two lane roadway with 10' travel lanes with rural shoulders. Traffic is projected to be 4,700 VPD and 7,000 VPD in the years 2007 and 2027 respectively. The posted speed and the design speed are 35 MPH.

The construction proposes to construct a new 80' x 40' concrete bridge over Burnett Creek at the existing bridge site. The approaches will consist of two, 12' lanes with 8' rural shoulders. The existing roadway will be closed during construction. Glynn 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 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)	\$522,000	\$650,000	2005	FY-05
Right-of-Way & Utilities*	Local	Local		

\*Glynn County signed LGPA on 1-4-01 for right-of-way, utilities and detours.

Frank L. Danchetz

Page 2

BR-0001-00(223) Glynn

July 14, 2003

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

CWH:JDQ/cj

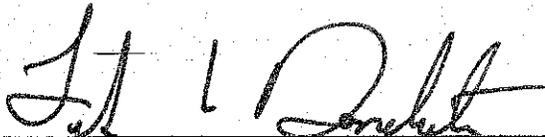
Attachment

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**

JUN 24 2003

**FILE:** BR-0001-00(223) Glynn  
P.I. Number 0001223  
CR 78 @ Burnett Creek

**OFFICE:** Engineering Services

**DATE:** June 24, 2003

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

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

**SUBJECT:** CONCEPT REPORT

We have reviewed the Concept Report submitted June 23, 2003 by the letter from Gary D. Priester dated June 20, 2003, and have the following comment.

- On Page 3 of the Report, the reference to TOPPS directive 4265-10 should be changed to 4265-9 since this is a local road and not a state route.

The costs for this project are:

Construction	\$429,800
Inflation	\$44,055
E&C	\$47,385
Reimbursable Utilities	\$55,000 (LGPA signed on 1/4/01)
Right of Way	\$9,700

REW

c: Gary Priester, Attn: Dennis Odom

## SCORING RESULTS AS PER MOG 2440-2

<b>Project Number:</b> BR-0001-00(223)		<b>County:</b> Glynn		<b>PI No.:</b> 0001223	
<b>Report Date:</b> June 20, 2003		<b>Concept By:</b> DOT Office: District 5			
<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				

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

Interdepartmental Correspondence

File: BR-0001-00(223) Glynn County  
Desc.: CR 78 @ Burnett Creek  
PI No. 0001223

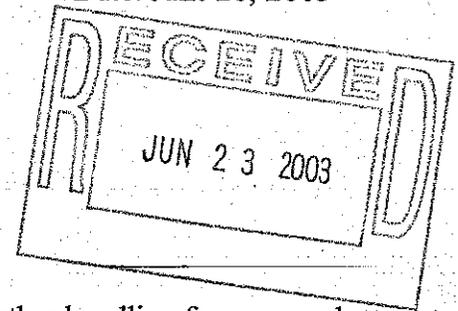
Office : Jesup

Date: June 20, 2003

From: Gary D. Priester, District Engineer, Jesup *GD*

To: Meg Pirkle, Assistant Director of Preconstruction

Subject: **Project Concept Report**



Remarks:

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 on County Road 78 (Perry Lane) over Burnett Creek.

Should you have any questions or need any additional information, please contact Dennis Odom at 912-427-5716.

GDP:ADO

*Attachments*

cc:

General File Unit, Atlanta  
Harvey Keepler, Office of Environment / Location  
Joe Palladi P.E., Office of Planning  
David Mulling, Office of Engineering Services  
Paul Liles, Office of Bridge Design  
Percy Middlebrooks, Office of Financial Management  
Phillip Allen, Office of Traffic Safety and Design  
Teresa Scott, District Planning and Programming  
Jesup Files

Rev. 3-21-03

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

*Office: Jesup*

Project Number: BR-0001-00(223)

County: Glynn

P. I. Number: 0001223

Federal Route Number: N/A

State Route Number: N/A

County Road 78

Recommendation for approval:

DATE 6/20/03

*Anthony J. Collins*  
Project Manager

DATE 6/20/03

*Gary D. Preston*  
District Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in 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

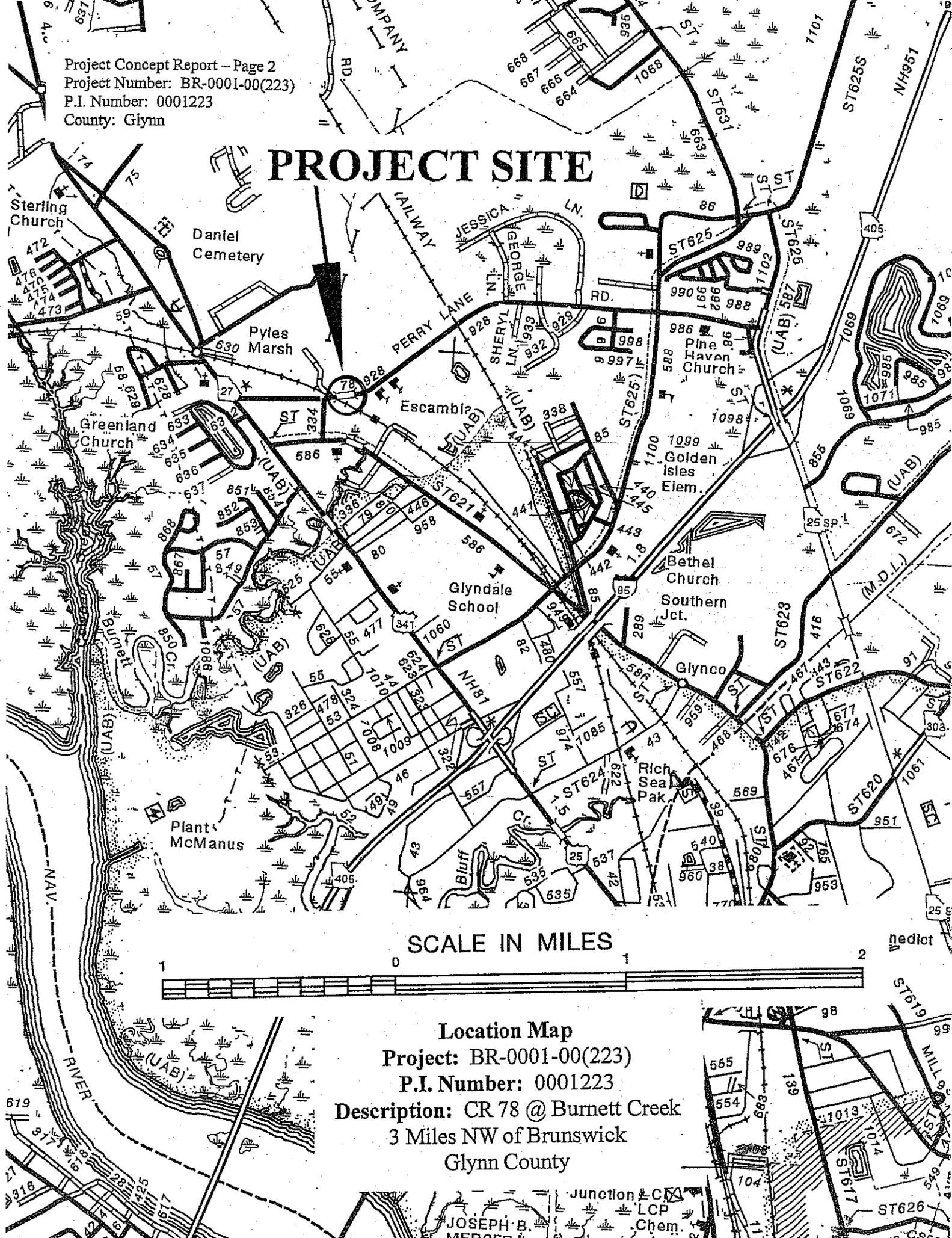
DATE \_\_\_\_\_

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

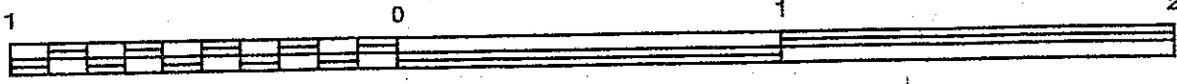
DATE \_\_\_\_\_

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

# PROJECT SITE



SCALE IN MILES



**Location Map**  
**Project: BR-0001-00(223)**  
**P.I. Number: 0001223**  
**Description: CR 78 @ Burnett Creek**  
**3 Miles NW of Brunswick**  
**Glynn County**

JOSEPH B. MERCER  
Junction of CR 78 & LCP Chem.

Project Concept Report page 3  
Project Number: BR-0001-00(223)  
P. I. Number: 0001223  
County: Glynn

**Need and Purpose:** This project is needed to replace a bridge with substandard load capacity, and deck geometry. The existing bridge was built in 1965. It is located on County Road 78 over Burnett Creek, has a sufficiency rating of 43.6, and was designed for H-15 live loading. Bridges with a rating under 50 and H-15 live loading do not meet current standards under TOPPS directive 2405-1. The existing bridge deck, which is 24 feet wide, will be replaced with a bridge which is 40 feet wide. This will meet the guidelines of TOPPS directive 4265-10.

The average annual daily traffic (AADT) on this section of roadway was 3700 in 1997. four percent of the traffic volume is truck traffic. The projected AADT is 4700 for the year 2007 and 7000 for the design year.

This section of CR 78 is functionally classified as a rural collector.

**Description of the proposed project:** The approximate length of the project is 0.2 miles, it is located 3 miles Northwest from the City Limits of Brunswick Georgia, on CR 78 at Burnett Creek. The logic for establishing these termini is due to replacing the bridge, and reworking the shoulders and slopes to accommodate the guardrail. A railroad crossing, located west of the bridge, will also be reconstructed. The new bridge will be constructed on existing alignment. Traffic will be maintained by using an offsite detour. 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 Oversight:** Full Oversight ( ), Exempt(x), State Funded( ), or Other ( )

**Functional Classification:** Rural Collector

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

**Traffic (AADT):**

Current Year: (2007) 4700

Design Year: (2027) 7000

Project Concept Report page 4  
 Project Number: BR-0001-00(223)  
 P. I. Number: 0001223  
 County: Glynn

**Existing design features:**

- Typical Section: Two paved 10' lanes, 6' shoulders, with v ditch left and right.
  - Posted speed 35 mph Maximum degree of curvature: N/A
  - Maximum grade: N/A% mainline N/A% driveways
  - Width of right of way: 60 ft.
  - Major structures: 61' x 24' bridge with sufficiency rating of 43.6.
- Major interchanges or intersections along the project: None  
 Mile Point Reference: 0.4 miles east of SR 27 / US 341

**Proposed Design Features:**

- Proposed typical section(s): Two paved 12' lanes, with 8' shoulders left and right, and 2' wide ditches.
- Proposed Design Speed: Mainline - 35 mph
- Proposed Maximum grade Mainline: 2.0% Maximum grade allowable 3.5%.
- Proposed Maximum grade Side Street: N/A Maximum grade allowable N/A.
- Proposed Maximum grade driveway 10.5%
- Proposed Maximum degree of curve: N/A
- Right of way
  - Width -- 40 feet
  - Easements: Temporary (X), Permanent ( ), Utility ( ), Other ( ).
  - Type of access control: Full ( ), Partial ( ), By Permit (x), Other ( ).
  - Number of parcels: 4 Number of displacements: 0
    - Business: 0
    - Residences: 0
    - Mobile homes: 0
    - Other: 0
- Structures:
  - Bridge: The proposed bridge will be 80' x 40'.
  - Retaining walls: None
- Major intersections and interchanges. None
- Traffic control during construction: Road to be closed during construction. Traffic will be diverted to an offsite detour.
- 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)

Project Concept Report page 5  
Project Number: BR-0001-00(223)  
P. I. Number: 0001223  
County: Glynn

SPEED DESIGN:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VERTICAL CLEARANCE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BRIDGE WIDTH:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BRIDGE STRUCTURAL CAPACITY:	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- Design Variances: None anticipated.
- Environmental concerns: Possible Section 404 permit. An industrial site, which would likely be a right of way parcel, was signed as a U.S.E.P.A. Superfund Site. Otherwise, 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, Telephone, Gas

**Project responsibilities:**

- Design – District 5 Design Section
- Right of Way Acquisition – Glynn 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 – Glynn County

**Coordination**

- A concept meeting was held on February 27, 2003. Minutes are attached
- No P. A. R. meetings were held
- No public involvement
- Local Government involvement: LGPA Signed on January 4, 2001.
- Other projects in the area: None  
No other coordination to date.

Project Concept Report page 6  
Project Number: BR-0001-00(223)  
P. I. Number: 0001223  
County: Glynn

### **Scheduling – Responsible Parties' Estimate**

- Time to complete the environmental process: 9 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

### **Other alternates considered:**

1. Build proposed bridge on new alignment north of the existing bridge.
2. Build proposed bridge on new alignment south of the existing bridge.
3. Build proposed bridge on existing alignment using an on site detour.
4. No. build.

### **Comments:**

Alternate (1) was eliminated because of the impact on the stream. The stream runs parallel with the roadway in the area where the bridge would be built.

Alternate (2) was eliminated due to a railroad bridge which is located where the road would be realigned. It was also eliminated due to the U.S.E.P.A. Superfund Site which is located on this side of the road. This alternate, along with alternate (1), would add curves to the alignment which is currently on a tangent.

Alternate (3) was eliminated due to the cost of the detour, additional right of way which would be required, and reasons noted in alternates (1) and (2). Also, local roads are available for an offsite detour.

Alternate (4) was eliminated due to the safety concern of continuing to use a bridge that does not meet the minimum bridge width requirement and the long-term maintenance cost of a structurally deficient bridge.

### **Attachments:**

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

# PRELIMINARY COST ESTIMATE

DATE: 2/6/2003

PROJECT NUMBER: BR-0001-00(223), Glynn County

P.I. NUMBER: 0001223

PROJECT DESCRIPTION: CR 78 (Perry Lane) @ Burnett Creek

PROPOSED CONCEPT: Bridge Replacement

TRAFFIC: (2007) 4700      (2027) 7000

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

## PROJECT COSTS

### A. RIGHT OF WAY:

1. PROPERTY ( LAND & EASEMENTS) 1.1 ac. @ \$8,000/ac	\$8,800
2. DISPLACEMENTS & RELOCATIONS -	\$0.00
3. OTHER COSTS (ADM./COURT/INFLATION) -	\$900
SUBTOTAL =====	\$9,700

### B. REIMBURSABLE UTILITIES:

	LGPA
1. TELEPHONE	\$15,000
2. POWER	\$25,000
3. GAS	\$15,000
SUBTOTAL =====	\$55,000

### C. MAJOR STRUCTURES:

1. REMOVAL OF EXISTING BRIDGE - 1500 SQ.FT. X \$10/SF	\$15,000
2. BRIDGE- stream crossing - 3200 SQ.FT. X \$53/SF	\$169,600
SUBTOTAL =====	\$184,600

**D. GRADING AND DRAINAGE:**

**1. EARTHWORK**

Earthwork - 24,000 CuYds @ \$2.50/CuYd \$60,000  
unclas excavation - \$0

**2. DRAINAGE**

a. SIDE DRAIN PIPES - 130' @ \$31/LF \$4,100

b. CURB & GUTTER \$0

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

SUBTOTAL ===== \$64,100

**E. BASE AND PAVING:**

1. AGGREGATE BASE - 10" G.A.B. 2820 SqYd @ \$12.00 \$33,900

2. ASPHALT PAVING - SUPERPAVE - 930Tn 25mm @ \$42/Tn \$60,300  
310Tn 19mm @ \$45/Tn  
190Tn 9.5mm @ \$38/Tn

3. CONCRETE PAVING - R. C. Appr. Slab - 270 SqYd @ \$117/Sy \$31,600

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

SUBTOTAL ===== \$125,800

**F. LUMP SUM ITEMS:**

1. EROSION CONTROL - \$30,000

2. CLEARING & GRUBBING - \$5,000

3. TRAFFIC CONTROL - \$0

4. LANDSCAPING - \$0

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

SUBTOTAL ===== \$35,000

**G. MISCELLANEOUS:**

1. LIGHTING - \$0

2. SIGNING & STRIPING - \$ 10,000/mi X 1.0 mi - \$4,500

3. GUARDRAIL - \$15,800

SUBTOTAL ===== \$20,300

ESTIMATE SUMMARY

A. RIGHTS-OF-WAY -----		\$9,700
B. REIMBURSABLE UTILITIES -----	LGPA	\$55,000

CONSTRUCTION COST SUMMARY

C. MAJOR STRUCTURES -----	\$184,600
D. GRADING AND DRAINAGE -----	\$64,100
E. BASE AND PAVING -----	\$125,800
F. LUMP SUM ITEMS -----	\$35,000
G. MISCELLANEOUS -----	\$20,300

SUBTOTAL CONSTRUCTION COST -----	\$429,800
E & C (10%) -----	\$42,980
INFLATION ( 2 YRS @ 5% /YR) -----	\$42,980

TOTAL CONSTRUCTION COST ===== \$515,760

GRAND TOTAL PROJECT COST ===== \$580,460

Cost Estimate Prepared by: Dennis Odom, District Design Engineer

# NOTICE OF LOCATION AND DESIGN APPROVAL

*Project No. BR-0001-00(223)*

*P. I. NUMBER 0001223*

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 this project.

Date of Location Approval: \_\_\_\_\_

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

The project consist of improvements of C.R. 78 over Burnett Creek, located in Glynn County, 3 miles Northwest of Brunswick. 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 43.6.

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:

William R. Murphy, Jr.  
GDOT  
Will.Murphy@dot.state.ga.us  
777 Gloucester Street, Suite 400  
Brunswick GA 31520  
Phone: 912-264-7285

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:

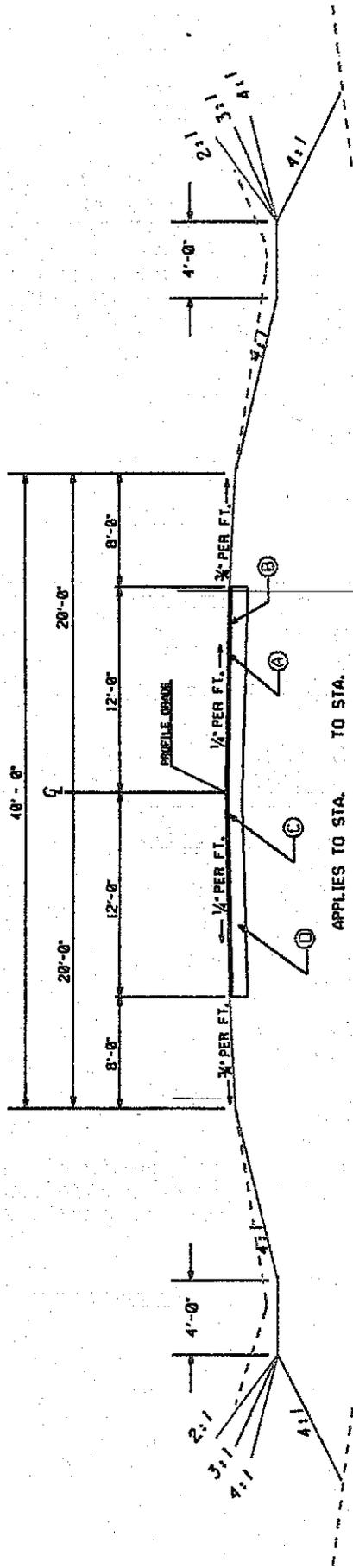
Tony Collins  
GDOT  
Tony.Collins@dot.state.ga.us  
P.O. Box 610  
Jesup GA 31598  
Phone: 912-427-5715

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.

# TYPICAL SECTION

STATE	PROJECT NUMBER	DRAWING NO.	SHEET
G.A.			

ALLOWABLE RANGES TABLE - NORMAL CROWN	
SECTION WITH GRADES LESS THAN 0.5%	
0.0150 FT/FT - MINIMUM	0.0156 FT/FT - MINIMUM
0.0200 FT/FT - DESIRABLE	0.0206 FT/FT - DESIRABLE
0.0250 FT/FT - MINIMUM	0.0300 FT/FT - MINIMUM



- REQUIRED PAVEMENT
- ① 135 LBS. PER SQ. YD ASPH CONC 9.5 mm SUPERPAVE
  - ② 220 LBS. PER SQ. YD ASPH CONC 19 mm SUPERPAVE
  - ③ 660 LBS. PER SQ. YD ASPH CONC 25 mm SUPERPAVE
  - ④ GRADED AGGREGATE BASE - 10 IN.

NO SCALE

SLOPE CONTROLS	
SLOPE	FILL
4:1	0'-3'
3:1	3'-5'
2:1	OVER 5' OVER 10'

SEE SPECIFICATIONS FOR SLOPE CONTROLS

1---- 1: LOCATION AND GEOMETRIC DATA

10-APR-2002

BRIDGE IN GLYNN COUNTY  
----- FACILITY CARRIED -----  
CR 78  
----- LOCATION -----  
3 MI NW OF BRUNSWICK  
----- FEATURES INTERSECTED -----  
BURNETT CREEK

SERIAL NUMBER : 5002-0  
YEAR CONSTRUCTED : 1965  
YEAR RECONSTRUCTED: None  
DATE INSEPECTED : September 2000  
DESIGN LOAD : H-15  
NATIONAL TRUCK RTE: OFF NETWORK  
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 : None.  
GUARDRAIL FORWARD : None.  
GUARDRAIL REAR OPP DIR: None.  
GUARDRAIL FOR. OPP DIR: None.

---- 3: PROGRAMMING DATA

CONTRACT DATE : 02/01/05  
RANKING NUMBER : 0 Priority rating  
TOTAL PROJECT COST: \$128,000 (1990 IMPROVEMENT COST ESTIMATE)  
LAST PROJECT # : UNKNOWN  
PROPOSED PROJECT #: BR-0001-00 (223)  
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 : 61 FT BRIDGE ROADWAY WIDTH: 24.0 FT  
CLEARANCE (FT-IN) : OVER: 99-99 UNDER: 00-00 HORIZONTAL: 24.0 FT  
SIDEWALK OR CURB : None found.  
BRIDGE RAILING : Safety feature required; none provided.  
APPROACH GUARDRAIL: Safety feature required; none provided.

---- 6: RATING DATA

INVENTORY : Indefinite safe use HS loading of 22 tons.  
OPERATING : 10 to 19.9% below legal load limit.  
SUFFICIENCY : 43.6  
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 : NEGLIGIBLE - structure function unaffected.  
CHANNEL PROT: Banks protected, controls and protection stable.

---- 7: POSTING DATA

STRUCTURE POSTED : Posted for load.  
TEMPORARY POSTING: No temporary conditions exist.  
ACTUAL POSTINGS : [H: 14 TONS] [TRI: NP TONS] [3S2: NP TONS]

0001223

## MINUTES OF THE CONCEPT MEETING

Project No. BR-001-00(223) County Glynn

P.I. NUMBER 0001223

DATE: 2-27-2003

The meeting began at 10:00 A.M. at the Brunswick Area 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:**

From DOT-Jesup: Dennis Odom, Gary Johnson, Jerome R. Sheffield, Earnest Green, Stephen Thomas.

DOT-Brunswick: Bryan Czech, Billy J. Smith, Nathan G. Strickland, Will Murphy.

Atlanta RW: Jim Graham.

Atlanta Gas Light: Mark Warren.

Glynn Co. Engineering: David Deloach.

BellSouth: Jacky Free.

### **Need & Purpose, description of project, Capacity:**

An Issue of changing concept from a Bridge to a Culvert was discussed. A Bridge may provide less conflict with environmental and utility concerns. A Bridge was recommended to stay as the concept. The proposed Detour Route was accepted. The proposed detour would begin on Bailey Rd. (CR 334), and continue on Old Jesup Rd. (CR 586) and Cate Rd. (CR 588).

### **Environmental Issues:**

An EPA Superfund Site is located Southeast of the bridge. It was recommended that the District Environmentalist Contact EPA officials to see if testing is being conducted and if contamination is present within the project area.

### **Right of Way – Parcels and relocations:**

There is possible right of way conflict with the railroad and on the Superfund Site.

### **Hazardous waste sites or USTS:**

An EPA Superfund Site (Old Wood Treatment Plant) is located Southeast of the bridge. There is some concern by local citizens that the creek may be contaminated.

**Constructability:** There was some concern that contaminated areas may be disturbed during construction of the project.

**Utilities:** A BellSouth Fiber Optics Cable exists on the Southside of the Bridge. BellSouth requested that a 4"-conduit to be located on the new bridge. Glynn Co. Engineering will be installing a 12" water line on the north side of the bridge around the time of project construction or earlier. Glynn Co. request a 12" water line to be placed on bridge (north side). Coordination with the County needs to be made with the design and construction timing. The contact for the county is Tim Ransin at (912) 554-7413.

**Review of Other Alternates:** Reconditioning of the the Railroad Crossing was recommended. A signalized Railroad Crossing may also be needed.

---

Distict 5 - Gary Priester

00010

Date: 1-22-01

- Dist. Engr.
- Personnel
- Contracts
- Dist. Est.
- Mat's Test
- Constr.
- Progr. & R.O.
- Pre-Const.
- Local Gov.
- Design
- State Aid
- Right of Way
- E.O. & Tr.
- Employee Sfty
- Traffic Sfty
- Statutes
- Min. Ombud
- Purchasing
- Insurance



RECEIVED

JAN 12 2001

Department of Transportation

OFFICE OF PROGRAMMING

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

December 8, 2000

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

BILLY F. SHARP  
 TREASURER  
 (404) 656-5224

LOCAL GOVERNMENT PROJECT AGREEMENT

In consideration of the proposed improvements, GLYNN County agrees to provide or perform the following at no cost to the Georgia D.O.T. for project BR-0001-00(223) GLYNN CO., PI # 0001223:

BRIDGES

CR 78 @ BURNETT CREEK 3 MI NW OF BRUNSWICK

[ x ] 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.

[ x ] 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.

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

[ x ] 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 4th day of January, 2001

APPROVED [Signature]

City/County Official

BR-0001-00(223) Glynn County  
C.R. 78 (Perry Lane Rd) @ Burnett Creek

P.I. # 0001223



Standing on RR Tracks -  
looking towards 341



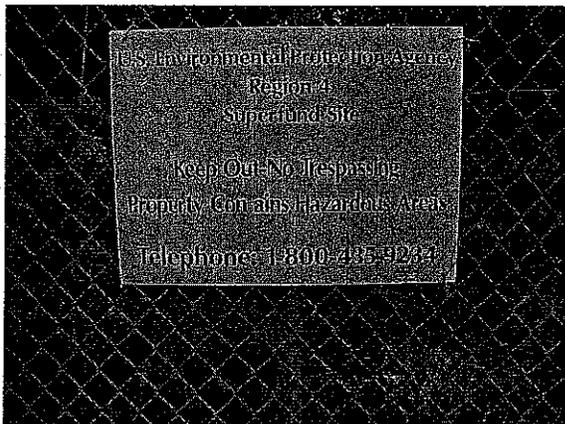
On RR Tracks - looking South



On East side of Bridge -  
looking towards 341



On East side of Bridge -  
looking East



Sign located on fence on  
Southeast side of Bridge



Fence, Gas Line, Guy Wires,  
& Tire - Southeast of Bridge

BR-0001-00(223) Glynn County  
C.R. 78 (Perry Lane Rd) @ Burnett Creek

P.I. # 0001223



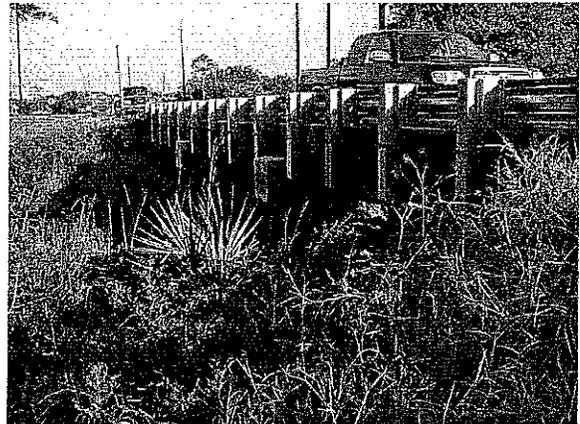
From Southeast side of Bridge –  
Looking West



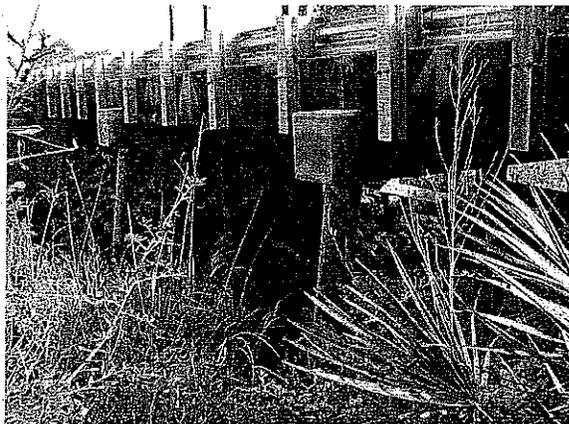
Plugged Culvert (upper right) draining  
through ground – Bridge southside



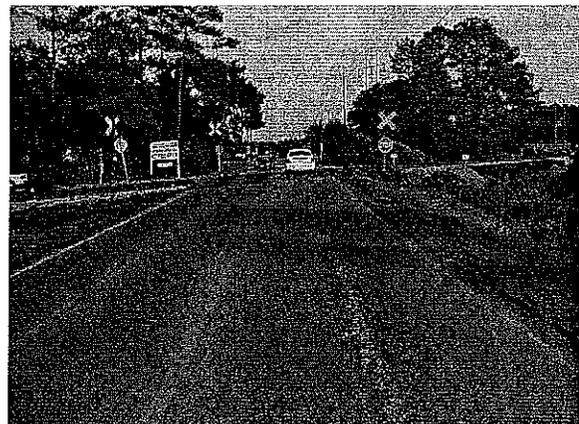
North side of Bridge



From Northwest side of Bridge –  
Looking East



Bridge Under Structure -  
from North side



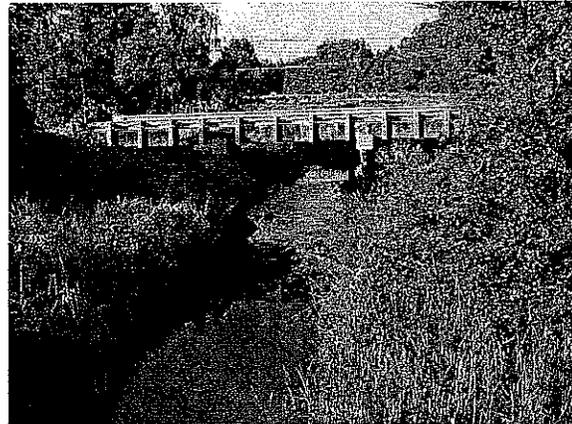
From West of Bridge --  
looking towards RR & Bridge

BR-0001-00(223) Glynn County  
C.R. 78 (Perry Lane Rd) @ Burnett Creek

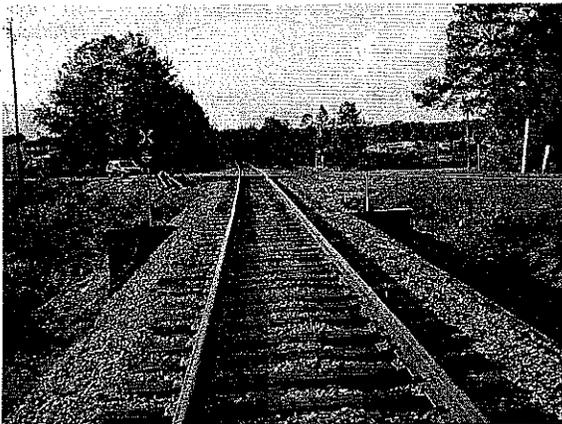
P.I. # 0001223



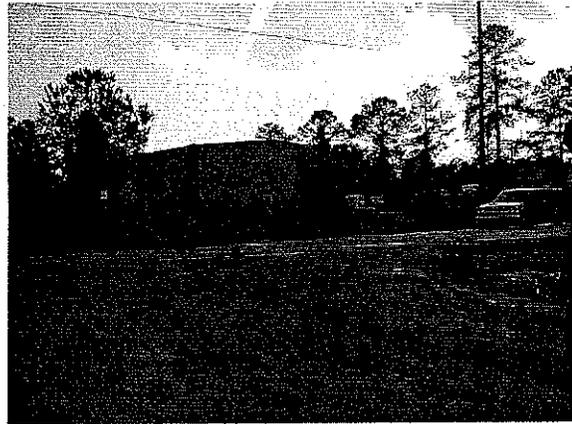
South side of Bridge



South side of Bridge



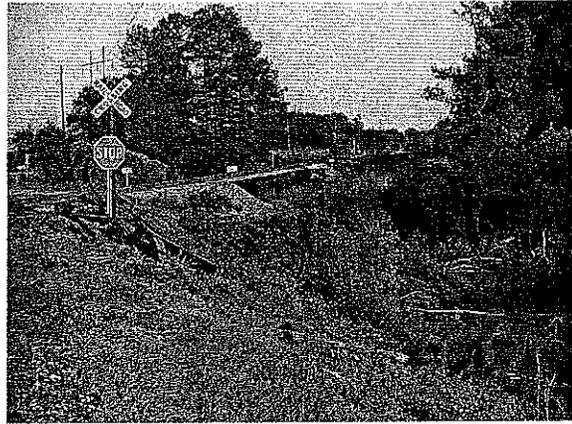
From South of Bridge -  
Looking Northwest towards Rd.



From Northwest side -  
Looking South toward RR Crossing



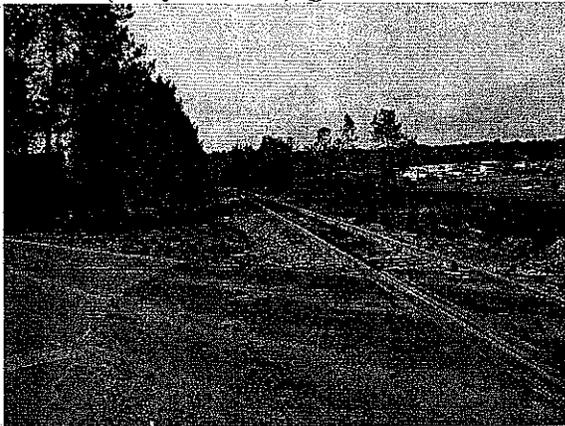
From west side of Bridge -  
Looking Southeast



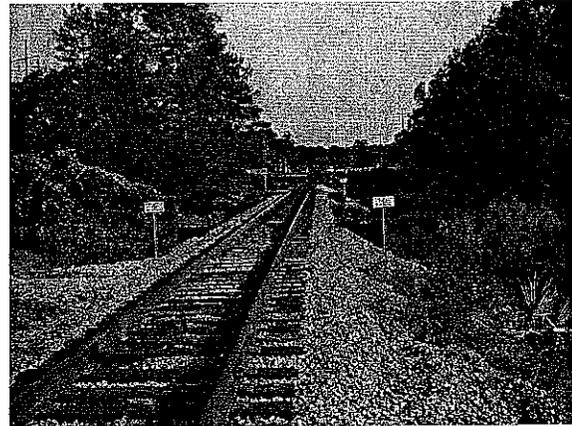
From West side of Bridge & RR--  
Looking Southeast

BR-0001-00(223) Glynn County  
C.R. 78 (Perry Lane Rd) @ Burnett Creek

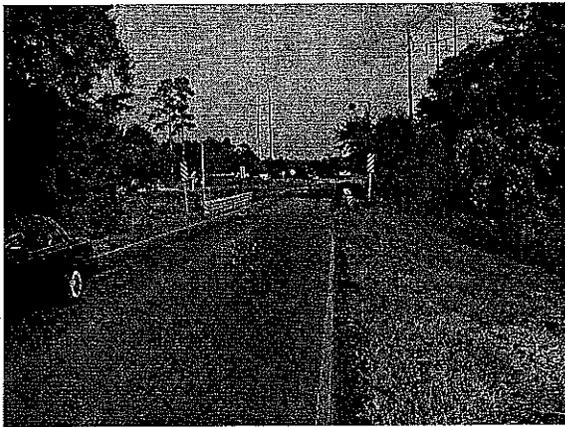
P.I. # 0001223



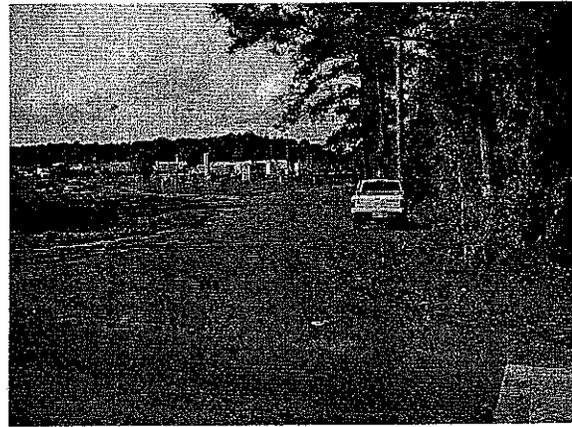
From West of Bridge & RR—  
Looking Northwest



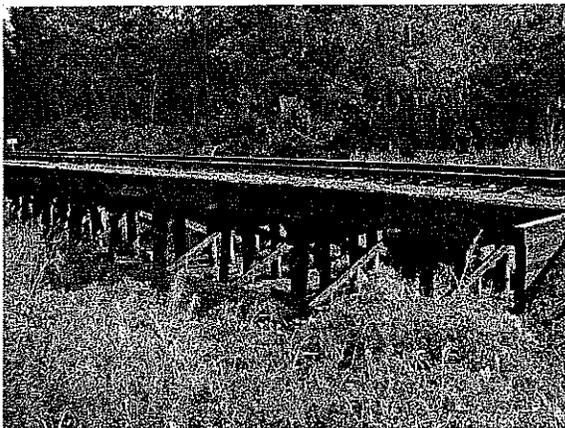
From West of Bridge —  
Looking SouthEast



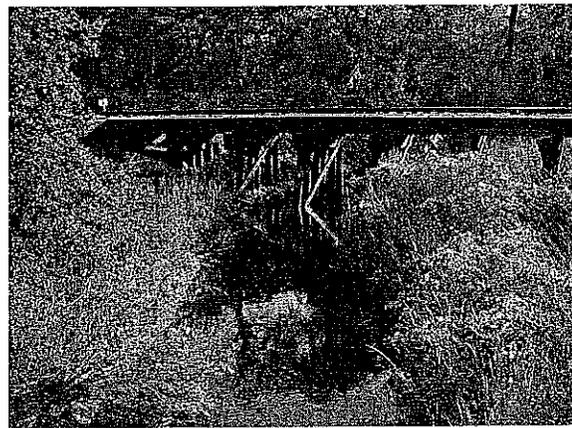
From RR, West of Bridge —  
Looking East



Between Bridge & RR—  
Looking North



From Southwest corner of  
Bridge — Looking South



From Bridge looking South

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

Office: Jesup

Project Number: BR-0001-00(223)

County: Glynn

P. I. Number: 0001223

Federal Route Number: N/A

State Route Number: N/A

County Road 78 ✓

Recommendation for approval:

DATE \_\_\_\_\_

\_\_\_\_\_  
Project Manager

DATE \_\_\_\_\_

\_\_\_\_\_  
District Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the 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 6-27-03

Paul V. Tiller Jr  
\_\_\_\_\_  
State Bridge and Structural Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

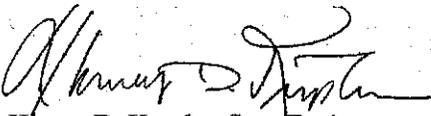
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**INTERDEPARTMENT CORRESPONDENCE**

**FILE:** P.I. No. 0001223

**OFFICE:** Environment/Location

**DATE:** June 27, 2003

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

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

**SUBJECT:** **PROJECT CONCEPT REPORT**  
BR-0001-00(223), Glynn County

The above subject concept report has been reviewed.

If you have any questions, please contact me at (404) 699-4401. Railroad in APE is an eligible resource; railroad crossing reconstruction (page 3). Should be designed, if possible, to avoid adverse effect. Need to do protective measures to insure no contaminants from superfund site are relapsed into Burnette Creek. The creek flows directly to Brunswick River where numerous endangered species could occur. Page 5 should say "CE Anticipated".

HDK/rtt

Attachment

cc: David Mulling, P.E.  
Gary Priester  
Sheree Smart

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

*Office: Jesup*

Project Number: BR-0001-00(223)

County: Glynn

P. I. Number: 0001223

Federal Route Number: N/A

State Route Number: N/A

County Road 78

Recommendation for approval:

DATE \_\_\_\_\_

\_\_\_\_\_  
Project Manager

DATE \_\_\_\_\_

\_\_\_\_\_  
District Engineer

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

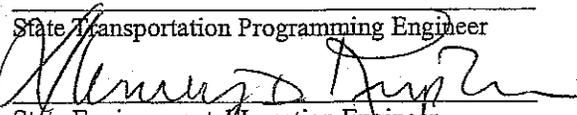
DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

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

DATE 10/26/03

  
\_\_\_\_\_  
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

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INTERDEPARTMENTAL CORRESPONDENCE

File: BR-001-00(223), Glynn County  
P.I. No. 0001223

Office: Traffic Safety & Design  
Atlanta, Georgia  
Date: June 25, 2003

From: *PMA/sz* 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 County Route 78 @ Burnett Creek in Glynn County.

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

PMA/sz

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  
Joe Palladi, State Transportation Planning Administrator  
Paul Liles, State Bridge & Structural Design Engineer  
Kathy Bailey, TMC  
General Files  
Office Files

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

*Office: Jesup*

Project Number: BR-0001-00(223)

County: Glynn

P. I. Number: 0001223

Federal Route Number: N/A

State Route Number: N/A

County Road 78

Recommendation for approval:

DATE \_\_\_\_\_

\_\_\_\_\_  
Project Manager

DATE \_\_\_\_\_

\_\_\_\_\_  
District Engineer

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

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

DATE 6-26-05

Phillip M. Allen  
\_\_\_\_\_  
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: BR-0001-00(223)

County: Glynn

P. I. Number: 0001223

Federal Route Number: N/A

State Route Number: N/A

County Road 78

Recommendation for approval:

DATE \_\_\_\_\_

\_\_\_\_\_  
Project Manager

DATE \_\_\_\_\_

\_\_\_\_\_  
District Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the 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 6/24/07

*David I. Mackey, P.E.*  
\_\_\_\_\_  
Project Review Engineer

DATE \_\_\_\_\_

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