

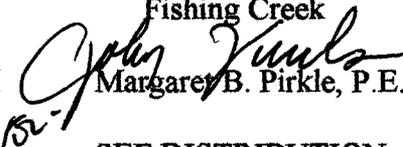
D.O.T. 66

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

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INTERDEPARTMENT CORRESPONDENCE

**FILE** P. I. No. 0006471, Baldwin County **OFFICE** Preconstruction  
CSBRG-0006-00(471)  
CR 69/Brown's Crossing Road over  
Fishing Creek **DATE** July 6, 2006

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

**TO** SEE DISTRIBUTION

**SUBJECT APPROVED PROJECT CONCEPT REPORT**

Attached for your files is the approval for subject project.

MBP/cj

Attachment

DISTRIBUTION:

Brian Summers  
Harvey Keeper  
Ken Thompson  
Jamie Simpson  
Michael Henry  
Keith Golden  
Joe Palladi (file copy)  
Paul Liles  
Babs Abubakari  
Mike Thomas  
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE:** P. I. No. 0006471, Baldwin County **OFFICE** Preconstruction  
 CSBRG-0006-00(471)  
 CR 69/Brown's Crossing Road over Fishing Creek **DATE** June 19, 2006

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

**TO** *to-* David E. Studstill, Jr., P.E., Chief Engineer

**SUBJECT** PROJECT CONCEPT REPORT

This project is the replacement of a structurally deficient bridge on CR 69/Brown's Crossing Road over Fishing Creek, 7.9 miles southwest of Milledgeville, Georgia. The existing bridge, constructed in 1951, is load limited with a sufficiency rating of 21. County Road 69 at this location is a rural two lane roadway with 9' travel lanes with rural shoulders. Traffic is projected to be 400 VPD and 600 VPD in the years 2007 and 2027 respectively. The posted speed and the design speed are 55 MPH.

The construction proposes to construct a new 105' x 30' concrete bridge over Fishing Creek at the existing bridge site. The approaches will consist of two, 12' lanes with 10' rural shoulders. The existing roadway will be closed during construction. Baldwin 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)	\$561,000	\$429,000	LICO	2009
Right-of-Way & Utilities*	Local	Local		

\*LGPA agreement needed

David Studstill  
Page 2

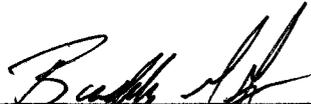
P. I. No. 0006471, Baldwin  
June 19, 2006

I recommend this project concept be approved.

MBP:JDQ/cj

Attachment

CONCUR



\_\_\_\_\_  
Buddy Gratton, P.E., Director of Preconstruction

APPROVE



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

## NOTICE OF LOCATION AND DESIGN APPROVAL

CSBRG-0006-00 (471) Baldwin County  
P.L. # 0006471

Notice is hereby given in compliance with Georgia Code 22-22-109 that the Georgia Department of Transportation has approved the Location and Design of the above project.

The date of location and design approval was July 6, 2006  
Date of Approval

This project consists of the replacement of the structurally deficient bridge on CR 69 / Browns Crossing Road over Fishing Creek northwest of the city of Milledgeville. This project intends to close CR 69 / Browns Crossing Road during construction, remove the existing 105-ft. x 22-ft. concrete bridge and replace it with a new reinforced concrete structure, then re-open CR 69 to traffic.

Drawings of the proposed project are on file and are available for inspection at the Georgia Department of Transportation.

Kraig Collins  
[Kraig.Collins@dot.state.ga.us](mailto:Kraig.Collins@dot.state.ga.us)  
161 Blandy Road  
Milledgeville, Georgia 31061

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:

GEORGE M. BREWER  
PRECONSTRUCTION ENGINEER  
P.O. BOX 8  
TENNILLE, GEORGIA 31089  
478-552-4629

Any written request or communication in reference to this project **SHOULD** include the Project and PI numbers as noted at the top of this notice.

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
PROJECT CONCEPT REPORT**

*District Two Design Office*

Project Number: *CSBRG-0006-00 (471)*

County: *Baldwin*

P. I. Number: *0006471*

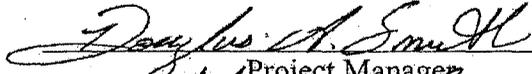
Federal Route Number: *None*

State Route Number: *None*

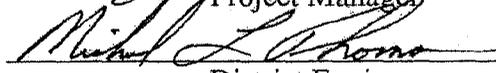
County Road Number: *69*

Recommendation for approval:

DATE *6-8-06*

  
Project Manager

DATE *6-8-06*

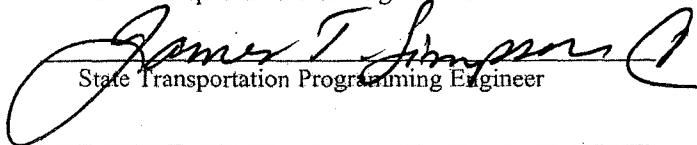
  
District Engineer

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

DATE \_\_\_\_\_

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

DATE *6-15-06*

  
State Transportation Programming Engineer

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Bridge & Structural Design Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
PROJECT CONCEPT REPORT**

*District Two Design Office*

Project Number: *CSBRG-0006-00 (471)*

County: *Baldwin*

P. I. Number: *0006471*

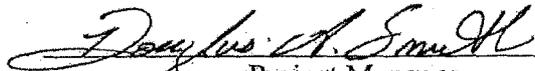
Federal Route Number: *None*

State Route Number: *None*

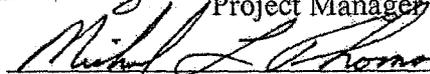
County Road Number: *69*

Recommendation for approval:

DATE *6-8-06*

  
Project Manager

DATE *6-8-06*

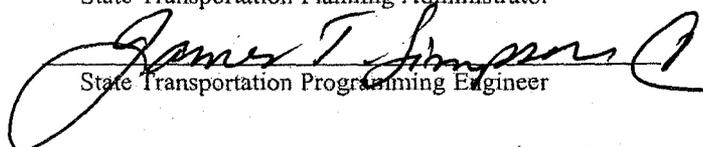
  
District Engineer

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DATE \_\_\_\_\_

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

DATE *6-15-06*

  
State Transportation Programming Engineer

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

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State Traffic Safety and Design Engineer

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Bridge & Structural Design Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

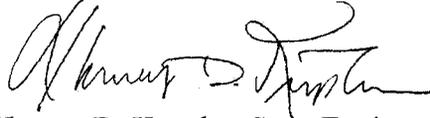
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**INTERDEPARTMENT CORRESPONDENCE**

**FILE:** P.I. No. 0006471

**OFFICE:** Environment/Location

**DATE:** June 27, 2006



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

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

**SUBJECT: PROJECT CONCEPT REPORT  
CSBRG-0006-00(471) / Baldwin County  
Bridge Replacement on CR 69 / Brown's Crossing Road over Fishing Creek**

The above subject concept report has been reviewed. The bridge is listed as eligible in GHBS and it has preservation potential. Alternates to demolition must be addressed. Page 4 says public involvement needed to satisfy CE requirements. The public involvement will satisfy GDOT policy regarding off-site detours. Also, page 4 notes presence of historic railroad. If there is project involvement, we need to minimize impacts so that they are not adverse.

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

HDK/lc

Attachment

cc: Brian Summers  
Keith Golden  
Michael L. Thomas  
Joe Palladi  
Jamie Simpson

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
PROJECT CONCEPT REPORT**

*District Two Design Office*

Project Number: *CSBRG-0006-00 (471)*

County: *Baldwin*

P. I. Number: *0006471*

Federal Route Number: *None*

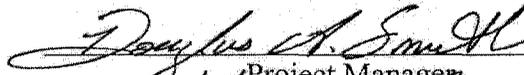
State Route Number: *None*

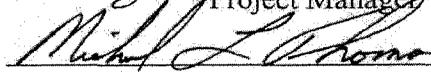
County Road Number: *69*

Recommendation for approval:

DATE *6-8-06*

DATE *6-8-06*

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

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

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

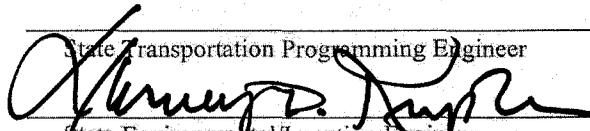
DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

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

DATE *6.21.06*

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Bridge & Structural Design Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
PROJECT CONCEPT REPORT**

*District Two Design Office*

Project Number: *CSBRG-0006-00 (471)*

County: *Baldwin*

P. I. Number: *0006471*

Federal Route Number: *None*

State Route Number: *None*

County Road Number: *69*

Recommendation for approval:

DATE *6-8-06*

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

DATE *6-8-06*

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

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

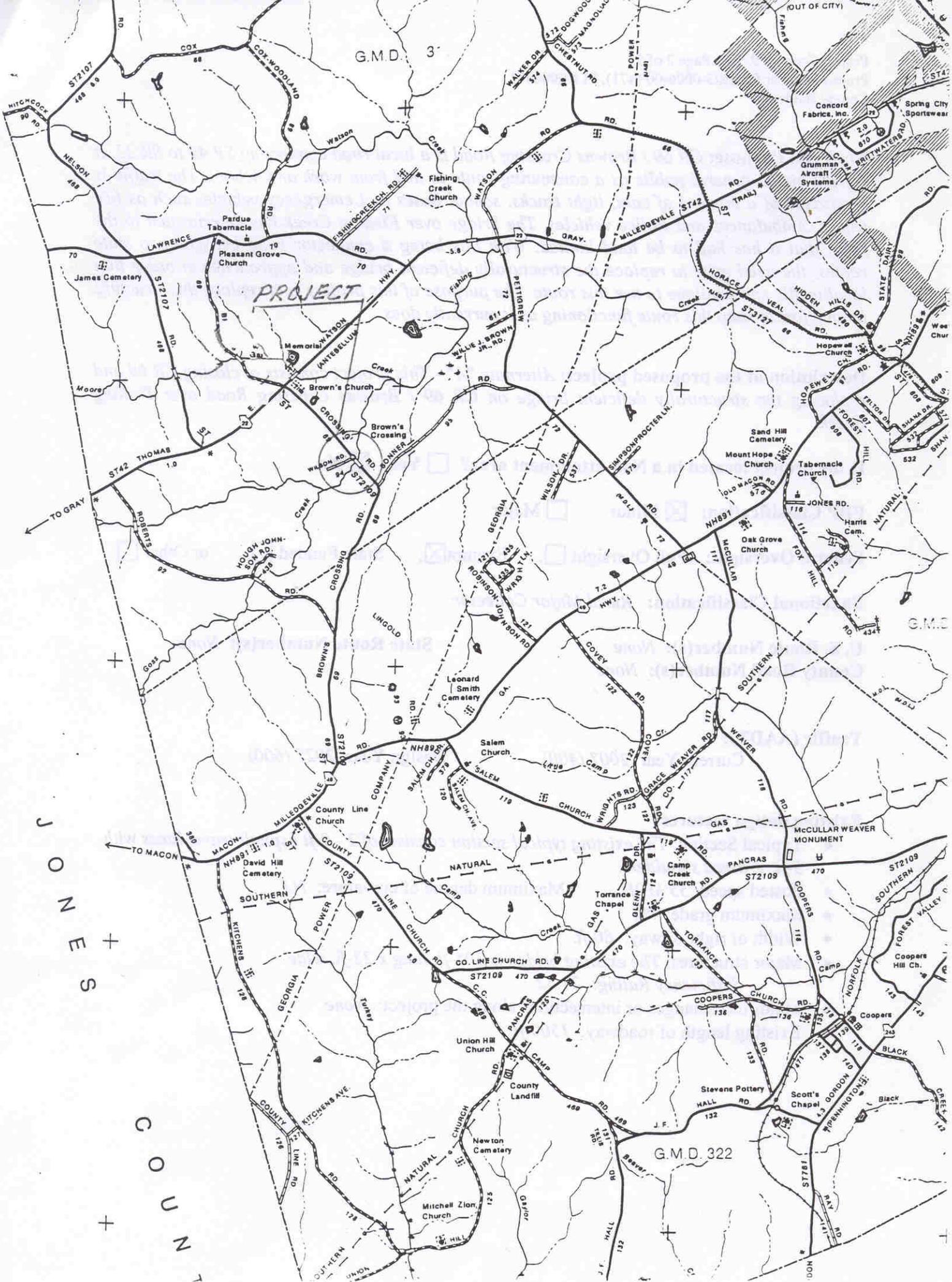
\_\_\_\_\_  
State Traffic Safety and Design Engineer

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Bridge & Structural Design Engineer



G.M.D. 3

PROJECT

G.M.D. 322

JONES COUNTY

OUT OF CITY

Concord Fabrics, Inc.  
Spring City Sportswear  
Grumman Aircraft Systems

Pardue Tabernacle  
Pleasant Grove Church  
James Cemetery

Memorial Church  
Brown's Church  
Brown's Crossing

Hopeful Church  
Sand Hill Cemetery  
Mount Hope Church  
Tabernacle Church  
Harris Cam.  
Oak Grove Church

Leonard Smith Cemetery  
Salem Church

David Hill Cemetery  
County Line Church

Union Hill Church  
County Landfill  
Newton Cemetery  
Mitchell Zion Church

McCullar Weaver Monument  
Camp Creek Church  
Torrance Chapel  
Coopers Church  
Stevens Pottery  
Scott's Chapel  
J.F. Hall

**Need and Purpose:** *CR 69 / Browns Crossing Road is a local road connecting SR 49 to SR 22. It is used by the general public as a commuting route to and from work and school. The traffic is comprised of a mixture of cars, light trucks, school buses and emergency vehicles such as fire trucks, Ambulances and Police vehicles. The current Level of Service of this route is estimated to be "A" and will become "B" by the year 2007. The bridge over Fishing Creek has deteriorated to the point that it has had to be load limited. With this being a connector road between two state routes, the need exist to replace the structurally deficient bridge and approaches in order that local traffic can continue to use this route. The purpose of this project is to replace this structure in an effort to keep this route functioning as it currently does.*

**Description of the proposed project:** *Alternate "A" - This project consists of closing CR 69 and replacing the structurally deficient bridge on CR 69 / Browns Crossing Road over Fishing Creek.*

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

**PDP Classification:**  Minor  Major

**Federal Oversight:** Full Oversight , Exempt , State Funded , or Other

**Functional Classification:** *Rural Major Collector*

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

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

**County Road Number(s):** *None*

**Traffic (AADT):**

Current Year: 2007 (400)

Design Year: 2027 (600)

**Existing design features:**

- Typical Section: *The existing typical section consists of 2 - 9-ft asphalt travel lanes with 5-ft. grassed shoulders.*
- Posted speed: 55 MPH      Maximum degree of curvature: NA
- Maximum grade: 4%
- Width of right of way: 80-ft.
- Major structures: *The existing bridge is 105-ft. long x 22-ft. wide*  
*Sufficiency Rating: 21.52*
- Major interchanges or intersections along the project: *None*
- Existing length of roadway: 1500-ft.

**Proposed Design Features:**

- Proposed typical section(s): *2 - 12-ft. asphalt travel lanes - 1 in each direction with 10-ft. grassed shoulders*
- Proposed Design Speed Mainline: *55 MPH*
- Proposed Maximum grade Mainline: *7%*
- Maximum grade allowable Mainline: *7%*
- Proposed Maximum grade Side Street: *7%*
- Maximum grade allowable on Side Streets: *7%*
- Proposed Maximum grade driveway: *15%*
- Proposed Maximum degree of curve: *6 Degree*
- Maximum degree allowable: *6 Degree*
- Right of way
  - Width: *100-ft. Estimated (50-ft. each side)*
  - Easements: Temporary , Permanent , Utility , Other .
  - Type of access control: Full , Partial , By Permit , Other .
  - Number of parcels: *4*                      Number of displacements: *0*
    - Business: *0*
    - Residences: *0*
    - Mobile homes: *0*
    - Other: *0*
- Structures:
  - Bridges: *Proposed 105-ft. x 30-ft. Reinforced Concrete Bridge*
  - Retaining walls: *None*
- Major intersections and interchanges: *None*
- Traffic control during construction: *The existing road will be closed during construction.*
- Design Exceptions to controlling criteria anticipated:

	<u>UNDETERMINED</u>	<u>YES</u>	<u>NO</u>
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 SIGHT 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:

- *An off-site detour meeting will be required for the environmental document.*
- *Also, there is a historic railroad bed just north of the proposed project location.*
- *A Corps of Engineers 404 Permit is applicable to this project.*
- *Brown's Crossing is a possible historic resource.*
- Anticipated Level of environmental analysis:
  - Are Time Savings Procedures appropriate? Yes , No ,
  - Categorical exclusion ,
  - Environmental Assessment/Finding of No Significant Impact (FONSI) , or
  - Environmental Impact Statement (EIS) .
- Utility involvements:
  - Telephone - *Alltel, Inc.*
  - Power – *Tri-County EMC*
  - Water – *Baldwin County*
  - Sewer – *Baldwin County*
  - Gas – *Atlanta Gas Light Company*
  - Cable TV – *Charter Communications, Inc.*

**Project responsibilities:**

- Design: *GDOT - District Two*
- Right of Way Acquisition: *Local Government*
- Relocation of Utilities: *Local Government*
- Letting to contract: *GDOT - Contracts Administration*
- Supervision of construction: *GDOT - Milledgeville Area Engineer*
- Providing material pits: *In Contract*
- Providing detours: *Local Government*

**Coordination**

- Concept meeting date: *June 2, 2006*
- P. A. R. meetings: *None Required*
- FEMA, USCG, and/or TVA: *This project is located within a FEMA floodplain mapped area and FEMA coordination will be required. (See attached FIRM Map)*
- Public involvement: *Alternate "A" - An Off-Site Detour meeting will be required in order to satisfy requirements for the Categorical Exclusion.*
- Local government commitments: *Provide any off-site detour signage if so desired.*
- Other projects in the area: *None*

**Scheduling – Responsible Parties' Estimate**

- Time to complete the environmental process: *1 Year*
- Time to complete preliminary construction plans: *6 months*
- Time to complete right of way plans: *6 months*
- Time to complete the Section 404 Permit: *1 Year*
- Time to complete final construction plans: *6 months*
- Time to complete to purchase right of way: *1 Year*

**Other alternates considered:**

1. *Alternate "B" - No Build - This was considered infeasible since the bridge is already load limited and the sufficiency rating is 21.52. This would not improve safety or correct the structural deficiencies of the bridge.*

**Comments:** *This office recommends that this report be approved for implementation*

**Attachments:**

1. Traffic Counts
2. Cost Estimates:
  - a. Construction including E&C
  - b. Utilities
3. Typical Section
4. Location and Design Notice
5. Miscellaneous Data

## Estimate Report for file "0006471"

Section ROADWAY					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	25000.00	TRAFFIC CONTROL	25000.00
201-1500	1	LS	5000.00	CLEARING & GRUBBING -	5000.00
205-0001	6787	CY	3.66	UNCLASS EXCAV	24840.42
206-0002	11000	CY	4.56	BORROW EXCAV, INCL MATL	50160.00
318-3000	300	TN	16.15	AGGR SURF CRS	4845.00
402-1811	100	TN	48.00	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL	4800.00
402-3110	270	TN	48.00	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	12960.00
402-3112	440	TN	48.00	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	21120.00
413-1000	320	GL	0.99	BITUM TACK COAT	316.80
433-1000	217	SY	147.41	REINF CONC APPROACH SLAB	31987.97
446-1100	295	LF	5.73	PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH	1690.35
550-1180	56	LF	29.63	STORM DRAIN PIPE, 18 IN, H 1-10	1659.28
550-1240	28	LF	35.21	STORM DRAIN PIPE, 24 IN, H 1-10	985.88
550-2180	104	LF	24.14	SIDE DRAIN PIPE, 18 IN, H 1-10	2510.56
550-2240	64	LF	29.57	SIDE DRAIN PIPE, 24 IN, H 1-10	1892.48
550-3618	4	EA	522.02	SAFETY END SECTION 18 IN, SIDE DRAIN, 6:1 SLOPE	2088.08
550-3618	1	EA	546.43	SAFETY END SECTION 18 IN, SIDE DRAIN, 6:1 SLOPE	546.43
550-3624	2	EA	881.82	SAFETY END SECTION 24 IN, SIDE DRAIN, 6:1 SLOPE	1763.64
550-4118	2	EA	251.64	FLARED END SECTION 18 IN, SIDE DRAIN	503.28
550-4124	2	EA	341.72	FLARED END SECTION 24 IN, SIDE DRAIN	683.44
550-4224	2	EA	490.70	FLARED END SECTION 24 IN, STORM DRAIN	981.40
634-1200	26	EA	87.38	RIGHT OF WAY MARKERS	2271.88
641-1100	84	LF	30.37	GUARDRAIL, TP T	2551.08
641-1200	550	LF	13.25	GUARDRAIL, TP W	7287.50
641-5001	2	EA	469.61	GUARDRAIL ANCHORAGE, TP 1	939.22
641-5012	2	EA	1525.97	GUARDRAIL ANCHORAGE, TP 12	3051.94
<b>Section Sub Total:</b>					<b>\$212,436.63</b>

Section EROSION CONTROL - TEMPORARY					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	4	AC	483.10	TEMPORARY GRASSING	1932.40
163-0240	102	TN	205.25	MULCH	20935.50
163-0300	3	EA	1173.35	CONSTRUCTION EXIT	3520.05
163-0530	600	LF	2.47	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	1482.00
165-0010	432	LF	1.04	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	449.28
165-0030	600	LF	1.12	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	672.00
165-0070	600	LF	1.32	MAINTENANCE OF BALED STRAW EROSION CHECK	792.00
165-0101	3	EA	385.72	MAINTENANCE OF CONSTRUCTION EXIT	1157.16
167-1000	2	EA	1837.51	WATER QUALITY MONITORING AND SAMPLING	3675.02
167-1500	12	MO	817.56	WATER QUALITY INSPECTIONS	9810.72
171-0010	1200	LF	1.84	TEMPORARY SILT FENCE, TYPE A	2208.00
171-0030	1200	LF	3.15	TEMPORARY SILT FENCE, TYPE C	3780.00
700-8000	2	TN	257.90	FERTILIZER MIXED GRADE	515.80
710-9000	140	SY	4.39	PERMANENT SOIL REINFORCING MAT	614.60
715-2200	800	SY	2.03	BITUMINOUS TREATED ROVING, WATERWAYS	1624.00
<b>Section Sub Total:</b>					<b>\$53,168.53</b>

Section SIGNING & MARKING					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1020	24	SF	13.52	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	331.24
636-1031	70	SF	16.78	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 6	1174.60
636-2070	70	LF	6.61	GALV STEEL POSTS, TP 7	462.70
652-5451	3000	LF	0.13	SOLID TRAFFIC STRIPE, 5 IN, WHITE	390.00
652-5452	3000	LF	0.13	SOLID TRAFFIC STRIPE, 5 IN, YELLOW	390.00
652-5701	42	LF	2.28	SOLID TRAF STRIPE, 24 IN, WHITE	95.76
657-1054	210	LF	3.34	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, WHITE, TP PB	701.40
657-6054	210	LF	3.59	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, YELLOW, TP PB	753.90

<b>Section Sub Total:</b>	<b>\$4,299.60</b>
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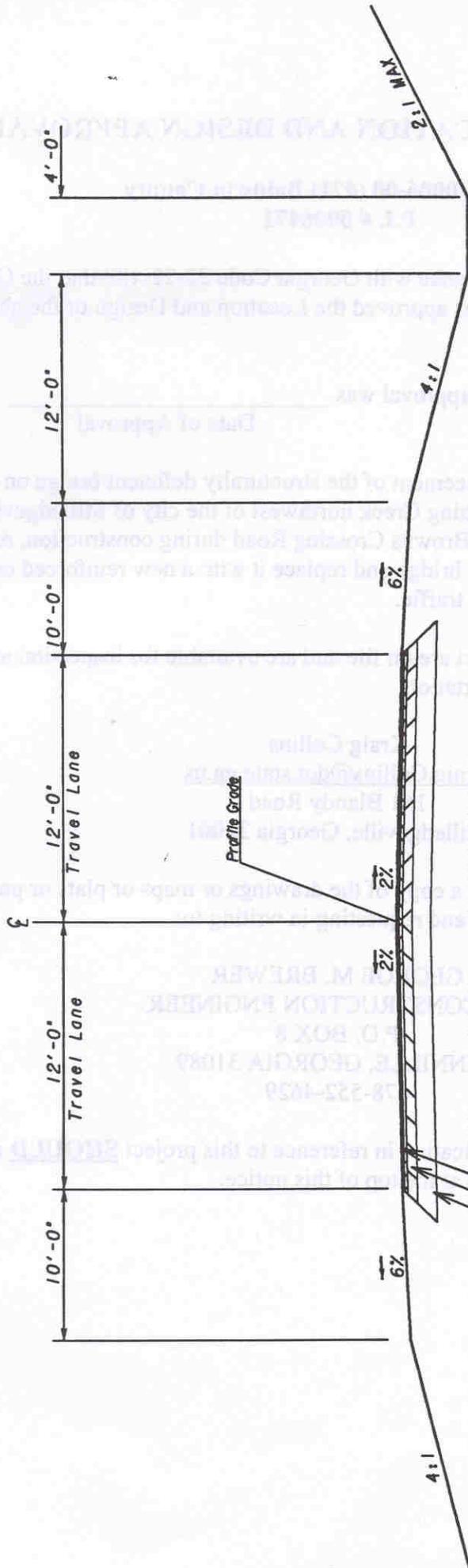
**Section BRIDGE**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
540-1101	1	LS	50000.00	REMOVAL OF EXISTING BR,	50000.00
543-1100	1	LS	204750.00	CONSTR OF BRIDGE (105x30x65)	204750.00
603-2024	360	SY	42.42	STN DUMPED RIP RAP, TP 1, 24 IN	15271.20
603-7000	360	SY	3.93	PLASTIC FILTER FABRIC	1414.80
<b>Section Sub Total:</b>					<b>\$271,436.00</b>

**Section EROSION CONTROL**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
700-6910	7	AC	772.50	PERMANENT GRASSING	5407.50
700-7000	14	TN	58.37	AGRICULTURAL LIME	817.18
700-7010	17	GL	18.58	LIQUID LIME	325.15
700-8000	4	TN	257.90	FERTILIZER MIXED GRADE	1083.18
700-8100	350	LB	1.48	FERTILIZER NITROGEN CONTENT	518.00
716-2000	10000	SY	1.12	EROSION CONTROL MATS, SLOPES	11200.00
<b>Section Sub Total:</b>					<b>\$19,351.01</b>

**Total Estimated Cost: \$560,691.77**



1 1/4" - 9.5mm SUPERPAVE  
 2" - 19mm SUPERPAVE  
 8" - GRADED AGGREGATE BASE CRS

2:1 MAX

4:1

6%

2%

2%

6%

4:1

4'-0"

12'-0"

10'-0"

12'-0"

12'-0"

10'-0"

Travel Lane

Travel Lane

Profile Grade



**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM**  
**FLOOD INSURANCE RATE MAP**

**BALDWIN COUNTY,  
 GEORGIA**  
 (UNINCORPORATED AREAS)

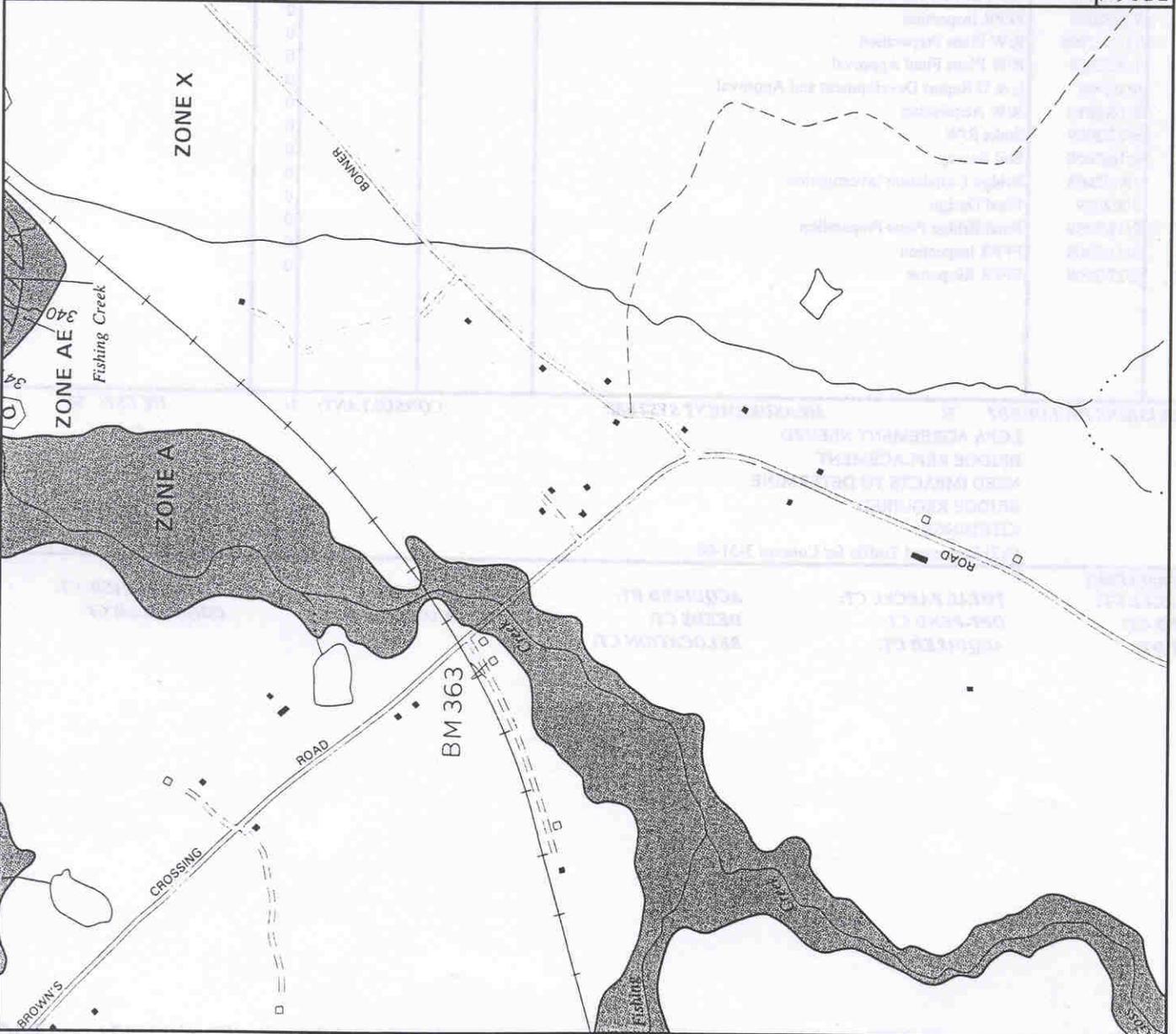
**PANEL 115 OF 250**

**COMMUNITY—PANEL NUMBER:  
 130005 0115 B**

**EFFECTIVE DATE:  
 JANUARY 3, 1990**

**Federal Emergency Management Agency**

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at [www.fema.gov](http://www.fema.gov)



Bridge Inventory Data Listing  
Georgia Department of Transportation.

Structure ID: 009-0032-0 ←

Baldwin

→ SUFF. RATING: 21.52

Location & Geography		Signs & Attachements	
* Structure ID:	009-0032-0	* 104 Highway System:	0
200 Bridge Information:	06	* 26 Functional Classification:	07
* 6A Feature Int:	FISHING CREEK	* 204 Federal Route Type:	S No. 02109
* 6B Critical Bridge:	0	105 Federal Lands Highway:	0
* 7A Route Number Carried:	CR00069	* 110 Truck Route:	0
* 7B Facility Carried:	BROWNS CROSSING RD	206 School Bus Route:	1
* 9 Location:	7.9 MI SW OF MILLEDGEVILLE	217 Benchmark Elevation:	0000.00
2 DOT District:	2	218 Datum:	0
207 Year Photo:	2006	* 19 Bypass Length:	06
* 91 Inspection Frequency:	24 Date: 3/23/2006	* 20 Toll:	3
92A Fract Crit Insp Freq:	00 Date: 2/1/1901	* 21 Maintenance:	02
92B Underwater Insp Freq:	00 Date: 2/1/1901	* 22 Owner:	02
92C Other Spc. Insp Freq:	00 Date: 2/1/1901	* 31 Design Load:	1
* 4 Place Code:	00000	37 Historical Significance:	2
* 5 Inventory Route (O/U):	1	205 Congressional District:	03
Type:	4	27 Year Constructed:	1951
Designation:	1	106 Year Reconstructed:	0000
Number:	02109	33 Bridge Median:	0
Direction:	0	34 Skew:	00
* 16 Latitude:	33 - 02.8 HMMS Prefix:	35 Structure Flared:	0
* 17 Longitude:	83 - 21.4 HMMS Suffix: MP:0.00	38 Navigation Control:	0
98 Border Bridge:	000 % Shared: 00	213 Special Steel Design:	0
99 ID Number:	0000000000000000	267 Type of Paint:	0
* 100 STRAHNET:	0	* 42 Type of Service on:	1
12 Base Highway Network:	1	Type of Service under:	5
13A LRS Inventory Route:	92006900	214 Movable Bridge:	0
13B Sub Inventory Route:	0	203 Type Bridge:	C K A O
101 Parallel Structure:	N	259 Pile Encasement:	3
* 102 Direction of Traffic:	2	* 43 Structure Type Main:	1 01
* 264 Road Inventory Mile Post:	002.73	45 No. Spans Main:	007
* 208 Inspection Area:	02 Initials: JTB	44 Structure Type Appr:	0 00
Engineer's Initial:	sgm	46 No. Spans Appr:	0000
		226 Bridge Curve Horz:	0 Vert: 0
		111 Pier Protection:	0
		107 Deck Structure Type:	2
* Location I.D. No.:	009-02109F-010.09N	108 Wearing Surface Type:	1
		Membrane Type:	8
		Deck Protection:	8
		225 Expansion Joint Type:	02
		242 Deck Drains:	1
		243 Parapet Location:	0.00
		Height:	0.00
		Width:	0.00
		238 Curb Height:	0.0
		Curb Material:	0
		239 Handrail:	9 9
		* 240 Median Barrier Rail:	0
		241 Bridge Median Height:	0.0
		* Bridge Median Width:	0.0
		230 Guardrail Loc. Dir. Rear:	0
		Fwrd:	0
		Oppo. Dir. Rear:	0
		Oppo. Fwrd:	0
		244 Approach Slab:	0
		224 Retaining Wall:	0
		233 Posted Speed Limit:	55
		236 Warning Sign:	0
		234 Delineator:	0
		235 Hazzard Boards:	1
		237 Utilities - Gas:	00
		Water:	00
		Electric:	00
		Telephone:	00
		Sewer:	00
		247 Lighting - Street:	0
		Navigation:	0
		Aerial:	0
		* 248 County Continuity No.:	00

Structure ID: 009-0032-0

Programming Data		Measurements		Ratings	
201 Project No.:	BUILT BY COUNTY	* 29 ADT:	000310 Year: 2005	65 Inventory Rating Method:	1
202 Plans Available:	0	109% Trucks:	0	63 Operating Rating Method:	1
249 Prop. Proj. No.:	CSBRG-0006-00 (471)	* 28 Lanes On:	02 Under: 00	66 Inventory Type:	2 Rating: 00
250 Approval Status:	0 0 0 0	210 No. Tracks On:	00 Under: 00	64 Operating Type:	2 Rating: 00
251 P.I. No.:	0006471	* 48 Max. Span Length:	0015	231 Calculated Loads	
252 Contract Date:	2/1/1901	→ * 49 Structure Length:	105	H-Modified:	11 1
260 Seismic No.:	00000	→ * 51 Br. Rwdy. Width:	22.00	HS-Modified:	20 0
75 Type Work:	31 1	→ * 52 Deck Width:	24.10	Type 3:	13 1
94 Bridge Imp. Cost:	\$108	* 47 Tot. Horiz. Cl:	22.00	Type 3s2:	21 1
95 Roadway Imp. Cost:	\$137	50 Curb / Sidewalk Width:	0.50 / 0.50	Timber:	17 1
96 Total Imp Cost:	\$286	32 Approach Rdwy. Width:	018	Piggyback:	00 0
76 Imp. Length:	001425	* 229 Shoulder Width:		261 H Inventory Rating:	10
97 Imp. Year:	0000	Rear Lt:	6.0 Type: 8 Rt: 6.0	262 H Operating Rating:	14
114 Future ADT:	000465 Year: 2025	Fwrd Lt:	6.0 Type: 8 Rt: 6.0	67 Structural Evaluation:	2
		Pavement Width:		58 Deck Condition:	5
		Rear:	18.0 Type: 2	59 Superstructure Condition:	5
		Intersection Rear:	18.0 Type: 2	* 227 Collision Damage:	0
		36 Safety Features Br. Rail:	1 Fwrd: 1	60A Substructure Condition:	4
		Transition:	2	60B Scour Condition:	5
		App. G. Rail:	0	60C Underwater Condition:	N
		App. Rail End:	0	71 Waterway Adequacy:	6
		53 Minimum Cl. Over:	99' 99 "	61 Channel Protection Cond.:	5
		Under:	N 00' 00 "	68 Deck Geometry:	4
		* 228 Minimum Vertical Cl		69 UnderClr. Horz/Vert:	N
		Act. Odm Dir.:	99' 99 "	72 Appr. Alignment:	8
		Oppo. Dir:	99' 99 "	62 Culvert:	N
		Posted Odm. Dir:	00' 00 "		
		Oppo. Dir:	00' 00 "	<b>Posting Data</b>	
		55 Lateral Undercl. Rt:	N 99.9	70 Bridge Posting Required:	1
		56 Lateral Undercl. Lt:	0.0	41 Struct Open, Posted, CL:	P
		* 10 Max Min Vert Cl:	99' 99 " Dir: 0	* 103 Temporary Structure:	T
		39 Nav Vert Cl:	000 Horiz: 0000	232 Posted Loads	
		116 Nav Vert Cl Closed:	000	H-Modified:	11
		245 Deck Thickness Main:	8.00	HS-Modified:	00
		Deck Thick. Approach:	0.00	Type 3:	13
		246 Overlay Thickness:	0.00	Type 3s2:	21
		212 Year Last Painted:	Sup: 0000 Sub: 0000	Timber:	17
				Piggyback:	00
				253 Notification Date:	2/1/1901
				258 Fed Notify Date:	2/1/1901

**Hydraulic Data**

215 Waterway Data	
Highwater Elev.:	0000.0 Year: 1900
Flood Elevation:	0000.0 Freq.: 00
Avg. Streambed Elev.:	0000.0
Drainage Area:	00000
Area of Opening:	000000
113 Scour Critical:	U
216 Water Depth:	03.0 Br. Height: 14.0
222 Slope Protection:	0
221 Spur Dikes Rear:	0 Fwrd: 0
219 Fender System:	0
220 Dolphin:	0
223 Culvert Cover:	000
Type:	0
No. Barrels:	0
* Width:	0.00 Height: 0.00
* Length:	0 Apron: 0
265 U/W Insp. Area:	0 Diver: ZZZ
Location I.D. No.:	009-02109F-010.09N