

D.O.T. 66

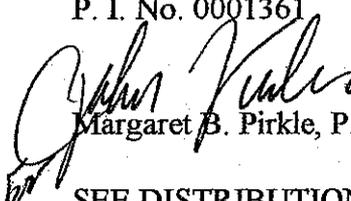
DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BR-0001-00(361) Miller County  
P. I. No. 0001361

OFFICE Preconstruction

DATE January 16, 2003

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

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

MBP/cj

Attachment

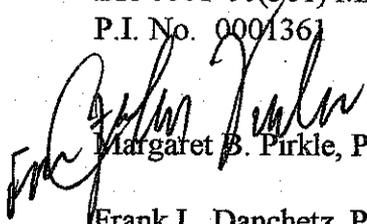
DISTRIBUTION:

David Mulling  
Harvey Keepler  
Jerry Hobbs  
Percy Middlebrooks  
Michael Henry  
Phillip Allen  
Marta Rosen  
Paul Liles  
Ben Buchan  
David Crim  
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** BR-0001-00(361) Miller County **OFFICE** Preconstruction  
P.I. No. 0001361  
**DATE** January 9, 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 SR 91 over Dry Creek, 9.5 miles south of Colquitt, Georgia. The existing bridge, constructed in 1948, is load limited with a sufficiency rating of 48. State Route 91 at this location is a rural two lane roadway with 11' travel lanes with rural shoulders. Traffic is projected to be 3000 VPD and 4000 VPD in the years 2008 and 2028 respectively. The posted speed and the design speed are 55 MPH.

The construction proposes to construct a new 160' x 44' concrete bridge over Dry Creek at the existing bridge site. The approaches will consist of two, 12' lanes with 10' rural shoulders (2' paved). Traffic will be detoured via an on-site drainage structure and temporary detour road constructed parallel and east of the existing bridge.

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)	\$986,000	\$986,000	2006	FY-06
Right-of-Way	\$ 10,000	\$ 10,000		
Utilities*	LGPA	LGPA		

\*Miller County signed LGPA for utilities 4-30-01.

Frank L. Danchetz

Page 2

BR-0001-00(361) Miller

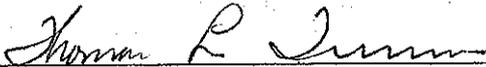
January 9, 2003

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

MBP: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:** BR-001-00(361), Miller  
P.I. Number 0001361

**OFFICE:** Engineering Services

**DATE:** December 18, 2002

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

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

**SUBJECT: CONCEPT REPORT**

We have reviewed the concept report submitted December 10, 2002 by the letter from Jeff Bridges dated December 10, 2002, and have the following comments:

- Estimated costs for reimbursable utilities were not provided.

The costs for the project are:

Construction	\$853,300
Inflation	\$46,932
E&C	\$85,300
Reimbursable Utilities	\$ ?
Right of Way	\$10,000

REW

c: Jeff Bridges

## SCORING RESULTS AS PER MOG 2440-2

<b>Project Number:</b> BR-0001-00(361)		<b>County:</b> Miller		<b>PI No.:</b> 0001361	
<b>Report Date:</b> December 10, 2002		<b>Concept By:</b> DOT Office: District 4 Design			
<input checked="" type="checkbox"/> <b>Concept Stage</b>		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 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>			
<b>Presentation</b>	90	Costs for Reimbursable Utilities should be included for informational purposes.			
<b>Judgement</b>					
<b>Environmental</b>					
<b>Right of Way</b>					
<b>Utility</b>					
<b>Constructability</b>					
<b>Schedule</b>					

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

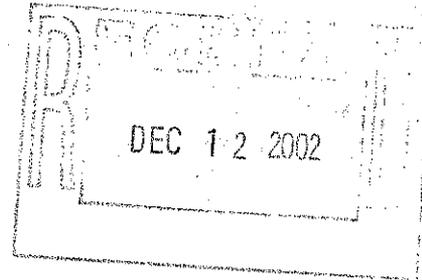
FILE BR-0001-00(361), Miller County  
P.I. No. 0001361

OFFICE Tifton, GA

DATE December 10, 2002

FROM <sup>JB</sup> Jeff Bridges, District Design Engineer

TO Meg Pirkle, Assistant Director of Preconstruction



SUBJECT **Project Concept Report**

Attached is the Concept Report on the above project for your further handling.

If you have any questions please contact Jeff Bridges at (229) 386-3618.

HJB;jb

Attachments

Cc:

Marta Rosen, State Transportation Planning Administrator  
Herman Griffin, Financial Management Administrator  
Harvey Keeper, State Environmental/Location Engineer  
Phillip Allen, State Traffic Safety and Design Engineer  
David Mulling, Project Review Engineer  
Paul Liles, State Bridge Design Engineer

File

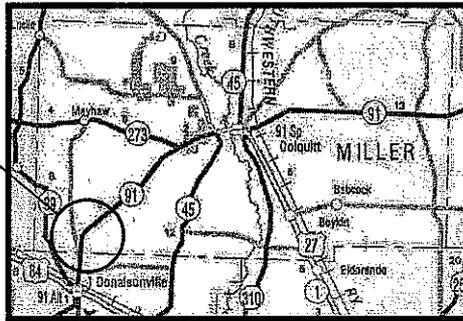
**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
District 4 – Tifton, Ga.**

Project Number: BR-0001-00(361)  
County: Miller  
P. I. Number: 0001361

**Project Concept Report**

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

Project Location



**Bridge Replacement: SR 91 over Dry Creek 9.5 miles south of Colquitt Georgia**

Recommended for approval:

DATE: 12/9/2002

DATE: 12/9/02

*Jeff Bief*  
Project Manager

District Engineer

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

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

State Transportation Planning Administrator

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

Financial Management Administrator

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

State Environmental/Location Engineer

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

State Traffic Safety and Design Engineer

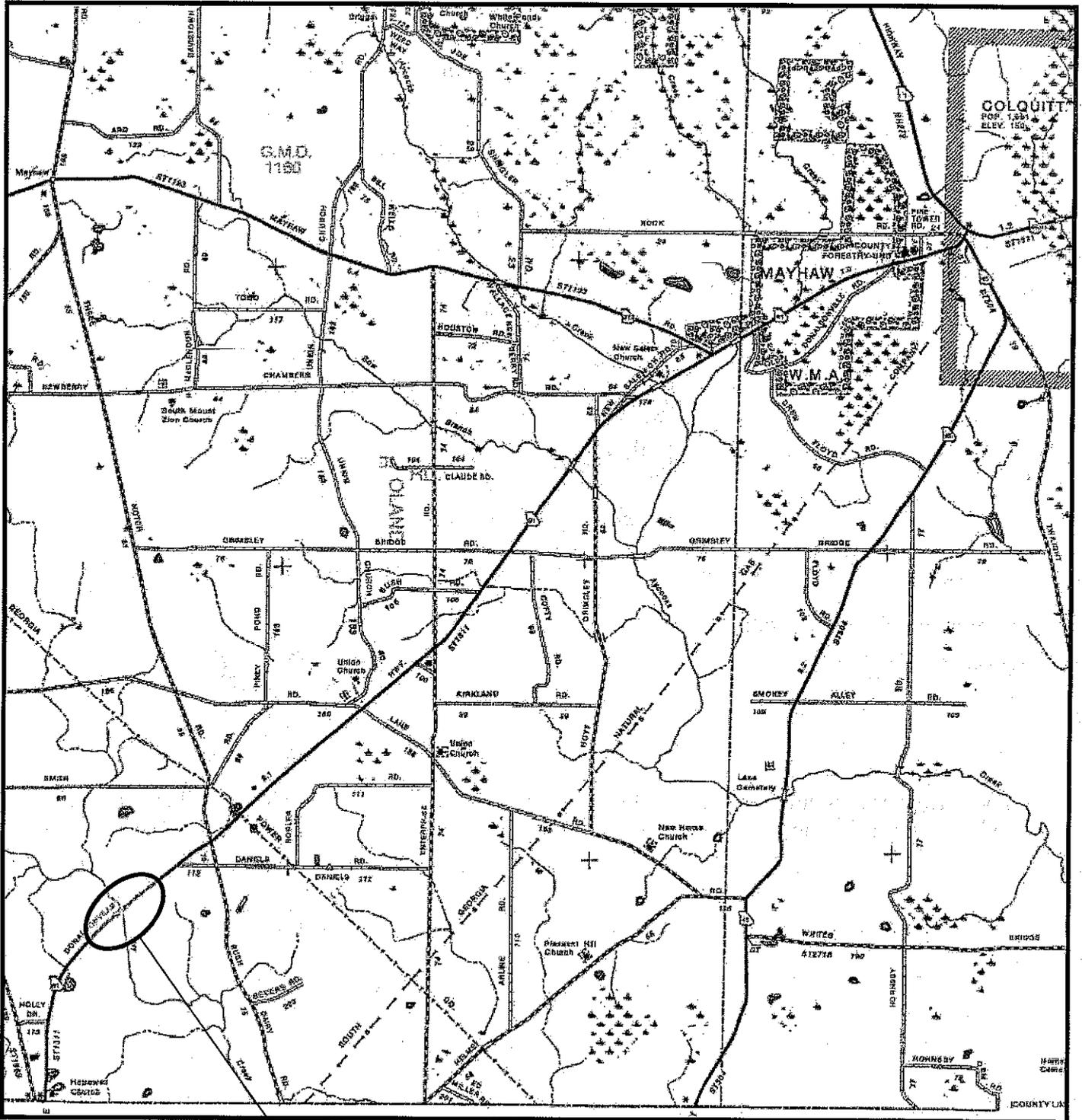
DATE: \_\_\_\_\_

Project Review Engineer

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

State Bridge Design Engineer

Project Concept Report Page: 2  
Project Number: BR-0001-00(361)  
P. I. Number: 0001361  
County: Miller



BR-0001-00(361)

Project Concept Report Page: 3  
Project Number: BR-0001-00(361)  
P. I. Number: 0001361  
County: Miller

**Need and Purpose:**

This project BR-0001-00(361) is a bridge replacement on State Road 91 over Dry Creek. This bridge is located approximately 9.5 miles south of Colquitt. The bridge's current sufficiency rating is 48.49 and has a structural condition appraisal of 2. Section 2405-1 of the Manual of Guidance requires that any structure with a sufficiency rating less than 50 and a structural condition code 2 or less should be replaced rather than improved. This project will replace the existing bridge with a new bridge meeting the requirements of present design standards.

This state route is classified as a rural minor arterial and is a designated school bus route. This state route is not a part of the Statewide Bicycle and Pedestrian Plan. The existing roadway consists of two 11-foot travel lanes with 6-foot grass shoulders. The bridge deck width is 30.10-feet. The current speed limit is 55 mph. The traffic volume for 2001 was 2500 ADT with projected traffic volumes for the year 2008 to reach 3000 ADT and for the year 2028 ADT to reach 4000. Current truck traffic accounts for 15% ADT.

This project is located in Census Tract 9503. According to the 2000 Census data, Tract 9503 has a 21.2% minority population compared to the county's minority population of 29.7%. The county's poverty level in 2000 was 23.4%. Land use in this Census block is primarily agricultural.

The Department has two programmed projects on SR 91 in this area. Projects BRST-131-1 (5), P.I. number 432141, SR 91 at Cypress Creek, and BRST-131-1(6), P.I. number 432140, SR 91 at AyCock Creek. These projects will not directly impact this project.

**Description of the project:**

This project will replace the structurally deficient bridge on SR 91 over Dry Creek with a new reinforced concrete bridge. This project is located in Miller County, approximately 9.5 miles south of Colquitt, Ga., in the 26<sup>th</sup> Land District, Land Lot No. 3 & 38 and Ga. Militia District 1160. The proposed project will be approximately 0.38 miles in length.

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

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

Functional Classification: Rural Minor Arterial

U. S. Route Number(s): N/A State Route Number(s): 91

Traffic (AADT):  
Current Year: (2008) 3000 Design Year: (2028) 4000

Project Concept Report Page: 4  
Project Number: BR-0001-00(361)  
P. I. Number: 0001361  
County: Miller

**Existing Design Features:**

- Typical Section: Two 11' travel lanes with 2' paved shoulders and 6' graded shoulders.
- Posted Speed 55 mph Maximum degree curvature None.
- Maximum Grade: 1.0 %
- Width of right of way: 100 ft.
- Major structures: 120' x 26' Concrete bridge.
- Major interchanges or intersections along the project: None
- Existing length of roadway segment and the beginning mile logs for each county segment. Project begins at ML 1.53 and extends north approximatly 0.38 miles to ML 1.91.

**Proposed Design Features:**

- Proposed typical section(s): Two 12 ft travel lanes, 10' grass shoulders (2' paved), open ditches.
- Proposed Design Speed Mainline 55 mph
- Proposed Maximum grade Mainline 1.0 % Maximum grade allowable 4.0 %
- Proposed Maximum grade Side Street n/a % Maximum grade allowable n/a %
- Proposed Maximum grade driveway 10 %
- Proposed Maximum degree of curve None. Maximum degree allowable 6°00'
- Right off way
  - ⇒ Width 120'
  - ⇒ Easements: Temporary , Permanent , Utility , Others
  - ⇒ Type of access control: Full , Partial , By Permit , Others
  - ⇒ Number of parcels 5 Number of displacements:
    - ⇒ Business: 0
    - ⇒ Residents: 0
    - ⇒ Mobile homes: 0
    - ⇒ Others: 0
- Structures:
  - ⇒ Bridges: <sup>44'</sup> 160' x <sup>34'</sup> Reinforced Concrete Bridge.
  - ⇒ Retaining walls: None
- Major intersections and interchanges: None
- Traffic control during construction: Traffic to be maintained via on-site detour.

Project Concept Report Page: 5  
Project Number: BR-0001-00(361)  
P. I. Number: 0001361  
County: Miller

• Design Exceptions to controlling criteria anticipated:

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

- Design Variances: None anticipated.
- Environmental concerns: Wetlands
- Level of environmental analysis:
  - ⇒ Are Time Saving Procedures appropriate? Yes , No
  - ⇒ Categorical Exclusion:
  - ⇒ Environmental Assessment/Finding of No Significant Impact (FONSI) , or
  - ⇒ Environmental Impact Statement (EIS) .
- Utility involvement: Three Notch EMC, Alltel

**Project responsibilities:**

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

**Coordination:**

- Initial Concept Meeting Date \_\_\_\_\_
- Concept Meeting Date 10/29/2002
- P. A. R. Meeting Date \_\_\_\_\_
- Public involvement: None
- Local government comments: None
- Other projects in area: BRST-131-1(5) & BRST-131-1(6)
- Other coordination to date: None

Project Concept Report Page: 6  
Project Number: BR-0001-00(361)  
P. I. Number: 0001361  
County: Miller

- Railroads: None

#### Scheduling – Responsible Parties' Estimate

- Time to complete environmental process: 12 Months.
- Time to complete preliminary construction plans: 8 Months.
- Time to complete right of way plans: 4 Months.
- Time to complete the Section 404 Permit: 12 Months.
- Time to complete final construction plans: 8 Months.
- Time to complete to purchase right of way: 10 Months.
- List other major items that will affect the project schedule: None \_\_\_\_\_ Months.

**Other alternates considered:** 1) A reinforced concrete bridge culvert was considered, but due to the large drainage area a concrete bridge is selected. 2) An off-site detour was considered, but there is no feasible route. 3) Permanent re-alignment utilizing the existing bridge for a detour was considered. The bridge is in a long tangent section. Reverse curves would have to be introduced to each end of the project. Therefore, this concept is recommending a temporary on-site detour.

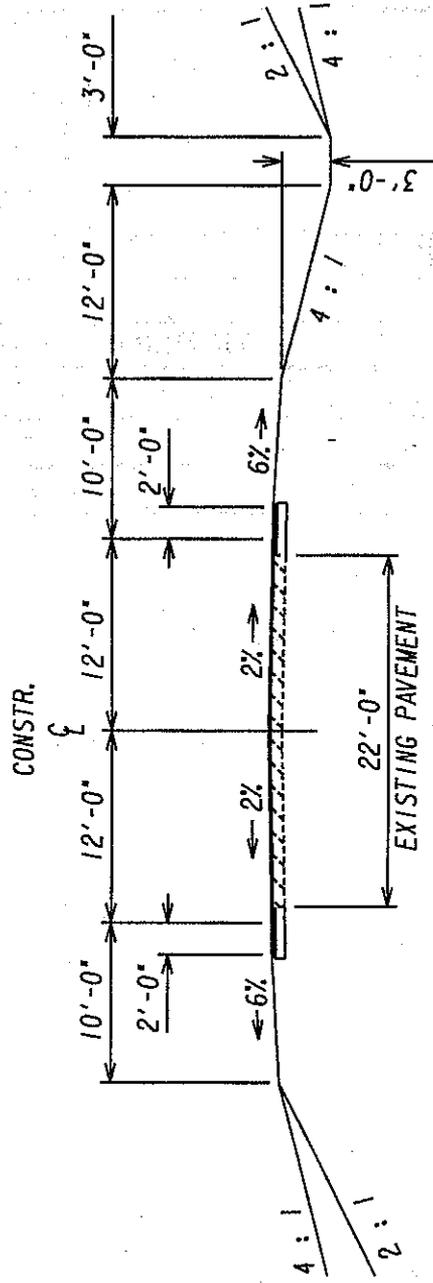
**Comments:** Current guidelines require a 40' wide bridge with Design Year Traffic ADT of 2000-4000, ADT over 4000 requires a 44' wide bridge. Traffic counts increase as you travel north to Colquitt. There are two GDOT projects between this site and Colquitt in Construction Year 2003 that are requiring 44' wide bridges due Design Year Traffic ADT greater than 4000. Therefore, this concept is recommending a 44' wide bridge.

#### Attachments:

1. Typical Section
2. Cost Estimates:
  - a) Construction including E&C,
  - b) Right of Way, and
  - c) Utilities.
3. Accident summaries
4. Traffic Assignments
5. Bridge inventory
6. Minutes of Initial Concept and Concept meetings
7. LGPA's
8. Location and Design Notice
9. Other items referred to in the body of the report

# TYPICAL SECTION

BR-0001-001361)  
MILLER COUNTY  
PI NO. 0001361



FULL-DEPTH SECTION

135 LBS/SY RECYCLED ASPHALT CONCRETE 9.5 mm SUPERPAVE

220 LBS/SY RECYCLED ASPHALT CONCRETE 19 mm SUPERPAVE

770 LBS/SY RECYCLED ASPHALT CONCRETE 25 mm SUPERPAVE

OVERLAY SECTION

135 LBS/SY RECYCLED ASPHALT CONCRETE 9.5 mm SUPERPAVE

**BR-0001-00(361), Miller County - ESTIMATE SUMMARY**

<b>RIGHT OF WAY</b>		\$	10,000.00	
<b>REIMBURSABLE UTILITIES</b>		\$	*	
<b>CONSTRUCTION</b>				
ROADWAY		\$	227,002.31	
DETOUR PAVING		\$	34,438.02	
TEMPORARY EROSION CONTROL		\$	34,229.26	
PERMANENT EROSION CONTROL		\$	5,028.43	
BRIDGE NO. 1		\$	552,602.61	
<b><i>SUBTOTAL CONSTRUCTION COST</i></b>				\$ 853,300.63
E & C (10%)				\$ 85,330.06
INFLATION (5% PER YEAR)	NUMBER OF YEARS		1	\$ 46,931.53
<b><i>TOTAL CONSTRUCTION COST</i></b>				\$ 985,562.22
<b><i>GRAND TOTAL PROJECT COST</i></b>				\$ 995,562.22

\* To be provided by Miller County per LGPA.

BR-0001-00(361), MILLER CO. - CONCEPT REPORT

ITEM =====	DESCRIPTION =====	UNITS =====	WT. AVG. =====	QUANTITY =====	COST =====
ROADWAY					
150-1000	TRAFFIC CONTROL	LS	15000	LUMP	\$15000.00
210-0100	GRADING COMPLETE - 4.7 ac C1 & Gr/46,000 CY Borrow	LS	125000	LUMP	\$125000.00
318-3000	AGGR SURF CRS	TN	16.043369495	300	\$4813.01
402-1812	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	TN	36.670127813	200	\$7334.03
402-3121	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MA	TN	35.429168308	250	\$8857.29
402-3131	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM M	TN	35.961287961	340	\$12226.84
402-3190	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MA	TN	37.081888598	75	\$2781.14
413-1000	BITUM TACK COAT	GL	0.9086641410	270	\$245.34
433-1200	REINF CONC APPROACH SLAB, INCL SLOPED EDGE	SY	91.062066930	310	\$28229.24
441-0301	CONC SPILLWAY, TP 1	EA	1185.9042567	2	\$2371.81
500-3101	CLASS A CONCRETE	CY	358.17095865	1	\$358.17
550-2180	SIDE DRAIN PIPE, 18 IN, H 1-10	LF	20.662934474	120	\$2479.55
550-3618	SAFETY END SECTION 18 IN, SIDE DRAIN, 6:1 SLOPE	EA	418.64955631	10	\$4186.50
576-1018	SLOPE DRAIN PIPE, 18 IN	LF	21.691024365	50	\$1084.55
634-1200	RIGHT OF WAY MARKER	EA	73.498485558	8	\$587.99
641-1100	GUARDRAIL, TP T	LF	51.696172118	84	\$4342.48
641-1200	GUARDRAIL, TP W	LF	9.7558011639	350	\$3414.53
641-5001	GUARDRAIL ANCHORAGE, TP 1	EA	435.09955538	2	\$870.20
641-5012	GUARDRAIL ANCHORAGE, TP 12	EA	1337.0457538	2	\$2674.09
654-1001	RAISED PVMT MARKERS TP 1	EA	3.6388765782	40	\$145.56
Section SUB TOTAL					\$227002.31
DETOUR PAVING					
402-3131	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM M	TN	35.961287961	270	\$9709.55
402-3190	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MA	TN	37.081888598	660	\$24474.05
413-1000	BITUM TACK COAT	GL	0.9086641410	280	\$254.43
Section SUB TOTAL					\$34438.02
TEMPORARY EROSION CONTROL					
163-0230	TEMPORARY GRASSING	AC	27.378358809	2	\$54.76
163-0240	MULCH	TN	362.03	58	\$20997.74
163-0300	CONSTRUCTION EXIT	EA	1197.2809361	4	\$4789.12
163-0530	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	LF	1.7913477813	1600	\$2866.16
165-0030	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	LF	1.2898783955	250	\$322.47
165-0070	MAINTENANCE OF BALED STRAW EROSION CHECK	LF	1.2526760478	800	\$1002.14
165-0101	MAINTENANCE OF CONSTRUCTION EXIT	EA	293.00140540	4	\$1172.01
170-1000	FLOATING SILT RETENTION BARRIER	LF	9.5379837872	150	\$1430.70
171-0030	TEMPORARY SILT FENCE, TYPE C	LF	3.1883447217	500	\$1594.17
Section SUB TOTAL					\$34229.26
PERMANENT EROSION CONTROL					
700-6910	PERMANENT GRASSING - 3.5 Acres	AC	817	4	\$3268.00
700-7000	AGRICULTURAL LIME	TN	51.636872975	8	\$413.09
700-7010	LIQUID LIME	GL	5	10	\$50.00
700-8000	FERTILIZER MIXED GRADE	TN	237.03712521	3	\$711.11
700-8100	FERTILIZER NITROGEN CONTENT	LB	1.4655581381	400	\$586.22
Section SUB TOTAL					\$5028.43
BRIDGE NO. 1					
000-0000	160' X 44' BRIDGE - \$57/SF	LS	401280	LUMP	\$401280.00
540-1102	REMOVAL OF EXISTING BR, 120' X 26' - \$23.50/SF	LS	73320	LUMP	\$73320.00
541-5420	DETOUR BRIDGE, 24 FT X 100 FT. STA - 90+40 - \$20/SF	LS	48000	LUMP	\$48000.00
603-2024	STN DUMPED RIP RAP, TP 1, 24 IN	SY	40.258386830	700	\$28180.87
603-7000	PLASTIC FILTER FABRIC	SY	2.6024824999	700	\$1821.74
Section SUB TOTAL					\$552602.61
Total Construction Cost					\$853300.63

**QUERY SUMMARY**  
For Year(s): 1996,1997,1998

Year	County	Route Type	Route Number	Beginning Milelog	Ending Milelog	No. Accidents	No. Vehicles	No. Injuries	No. Fatalities
1996	Miller	State Route	0091	1.50	2.00	0	0	0	0
1996 SubTotal						0	0	0	0
1997	Miller	State Route	0091	1.50	2.00	0	0	0	0
1997 SubTotal						0	0	0	0
1998	Miller	State Route	0091	1.50	2.00	0	0	0	0
1998 SubTotal						0	0	0	0
<b>All Year(s) Total</b>						<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

# Department of Transportation State of Georgia

---

## INTERDEPARTMENT CORRESPONDENCE

**FILE** BR-0001-00(361) Miller  
P.I. 0001361

**OFFICE** Environment/ Location

**DATE** May 28, 2002

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

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

**SUBJECT** SR 91 @ Dry Creek

We are furnishing estimated traffic assignments for the above project as follows:

Existing 1999 ADT = 2600  
2008 ADT = 3000  
2028 ADT = 4000  
K = 9%  
D = 60%  
T = 13%  
24 HR T = 15%  
S.U. = 8%  
COMB. = 7%

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

HDK:TJW

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 201-0007-0

Miller

SUFF. RATING

48.49

## Location & Geography

\* Structure I.D.No: 201-0007-0

\* 200 Bridge Information 06

\* 6A Feature Int: DRY CREEK

\* 6B Critical Bridge: 0

\* 7A Route Number Carried: SR00091

\* 7B Facility Carried: SR 91

\* 9 Location: 9.5 MI S OF COLQUITT

2 DOT District: 4

207 Year Photo: 1998

\* 91 Inspection Frequency: 24 Date: 04/04/2002

92A Fract Crit Insp Freq: 00 Date: 02/01/1901

92B Underwater Insp Freq: 00 Date: 02/01/1901

92C Other Spc. Insp Freq: 00 Date: 02/01/1901

\* 4 Place Code: 00000

\* 5 Inventory Route (O/U): 1

Type: 3

Designation: 1

Number: 00091

Direction: 0

\* 16 Latitude: 31-06.5

\* 17 Longitude 84-52.6

98 Border Bridge: 000

99 ID Number: 0000000000000000

\* 100 STRAHNET: 0

12 Base Highway Network: 1

13A LRS Inventory Route: 2011009100

13B Sub Inventory Route: 0

\* 101 Parallel Structure: N

\* 102 Direction of Traffic: 2

\* 264 Road Inventory Mile Post: 001.72

\* 208 Inspection Area: 11

Engineer's Initial: kww

Initials: JWH

\* Location I.D. No.: 201-00091D-001.72N

## Signs & Attachments

* 104 Highway System:	0		
* 26 Functional Classification:	06		
* 204 Federal Route Type:	F	No.: 01311	
* 105 Federal Lands Highway:	0		
* 110 Truck Route:	0		
206 School Bus Route:	1		
217 Benchmark Elevation:	0200.00		
218 Datum:	1		
* 19 Bypass Length:	04		
* 20 Toll:	3		
* 21 Maintenance:	01		
* 22 Owner:	01		
* 31 Design Load:	2		
37 Historical Significance:	5		
205 Congressional District:	02		
27 Year Constructed:	1948		
106 Year Reconstructed:	0000		
33 Bridge Median:	0		
34 Skew:	00		
35 Structred Flared:	0		
38 Navigation Control:	0		
213 Special Steel Design:	0		1.72
267 Type of Paint:	2		
* 42 Type of Service on:	1		
214 Movable Bridge:	0		
203 Type Bridge:	E-N-M-O		
259 Pile Encasement:	2		
* 43 Structure Type Main:	4	02	
45 No. Spans Main:	006		
44 Structure Type Appr:	0	00	
46 No. Spans Appr:	0000		
226 Bridge Curve Horz:	0	Vert: 0	
111 Pier Protection:	0		
107 Deck Structure Type:	1		
108 Wearing Surface Type:	1		
		Mc	0
		F	0

225 Expansion Joint Type:	02
242 Deck Drains:	1
243 Parapet Location:	0
Height:	0.00
Width:	0.00
238 Curb:	1.20
239 Handrail:	1
* 240 Median Barrier Rail:	0
241 Bridge Median Height:	0.00
Width:	0.00
* 230 Guardrail Loc Dir Rear:	3
Fwr:	3
Oppo Dir Rear:	0
Fwr:	0
244 Approach Slab:	0
224 Retaining Wall:	0
233 Posted Speed Limit:	55
236 Warning Sign:	1
234 Delineator:	1
235 Hazard Boards:	1
237 Utilities Gas:	00
W	00
Ele	00
Telephone:	00
St	00
247 Lighting Street:	0
Navigatn:	0
Aerial:	0
* 248 County Continuity No.:	00

**BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION**

Structure ID: 201-0007-0

Miller

SUFF. RATING

48.49

**Programming Data**

201 Project No.: S-2715 (4)  
 202 Plans Available: 1  
 249 Prop. Proj. No. BR-0001-00 (361)  
 250 Approval Status: 0000  
 251 P.I. No.: 0001361  
 252 Contract Date: 02/01/2006  
 260 Seismic No.: 000000  
 75 Type Work: 34 1  
 94 Bridge Imp. Cost: \$ 129  
 95 Roadway Imp. Cost: \$ 44  
 96 Total Imp Cost: \$ 230  
 76 Imp. Length: 000331  
 97 Imp. Year: 1990  
 114 Future ADT: 003750 Year: 2021

**Measurements**

\* 29 ADT: 002500 Year: 2001  
 109 % Trucks: 15  
 \* 28 Lanes On: 02 Under: 00  
 210 No. Tracks On: 00 Under: 00  
 \* 48 Max. Span Length: 0020  
 \* 49 Structure Length: 120  
 51 Br. Rwdy. Width: 26.10  
 52 Deck Width: 30.10  
 \* 47 Tot. Horz. Cl: 26.10  
 50 Curb/Sdewlk Width: 2.00/2.00  
 \* 32 Approach Rdwy Width: 028  
 229 Shoulder Width:

Rear Lt: 2.00 Type: 2 Rt: 20.00  
 Fwd Lt: 2.00 Type: 2 Rt: 2.00  
 Pavement Width:

Rear: 24.00 Type: 2  
 Fwd: 24.00 Type: 2  
 Intersection Rear: 0 Fwd: 0

36 Safety Features Br. Rail:  
 Transition: 2

App. G. Rail: 1  
 App. Rail End: 1

53 Minimum Cl. Over:  
 Under: N  
 \* 228 Min. Vertical Cl

Act. Odm Dir: 99 ' 99 "  
 Oppo. Dir: 99 ' 99 "  
 Posted Odm. Dir: 00 ' 00 "  
 Oppo. Dir: 00 ' 00 "

55 Lateral Undercl. Rt: N 99.90  
 56 Lateral Undercl. Lt: 0.00  
 \* 10 Max Min Vert Cl: 99 ' 99 " Dir: 0

39 Nav Vert Cl: 000 Horz: 0000  
 116 Nav Vert Cl Closed: 000

245 Deck Thickness Main: 7.00  
 Deck Thick Approach: 0.00  
 246 Overlay Thickness: 0.00

212 Year Last Painted: Sup: 1998 Sub: 1977

**Hydraulic Data**

215 Waterway Data  
 Highwater Elev.: 0193.0 Year: 1972  
 Avg. Streambed Elev.: 0000.0 Freq.: 00  
 Drainage Area: 00000  
 Area Of Opening: 000900  
 113 Scour Critical: 6  
 216 Water Depth: 02.0 Br. Height: 10.0  
 222 Slope Protection: 6  
 221 Spur Dikes Rear: 0 Fwd: 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 Diver: ZZZ  
 \* 265 U/W Insp. Area: 0

\* Location I.D. No.: 201-00091D-001.72N

**Ratings**

65 Inventory Rating Method: 1  
 63 Inventory Rating Method: 1  
 66 Inventory Type: 2 Rating: 13  
 64 Operating Type: 2 Rating: 29  
 231 Calculated Loads

H-Modified: 15 1  
 HS-Modified: 25 0  
 Type 3: 27 1  
 Type 3s2: 40 0  
 Timber: 33 1  
 Piggyback: 40 0

261 H Inventory Rating: 10  
 262 H Operating Rating: 15  
 67 Structural Evaluation: 2  
 58 Deck Condition: 7  
 59 Superstructure Condition: 7  
 \* 227 Collision Damage: 0  
 60A Substructure Condition: 7  
 60B Scour Condition: 8  
 60C Underwater Condition: N  
 71 Waterway Adequacy: 8  
 61 Channel Protection Cond: 4  
 68 Deck Geometry: 3  
 69 UnderClr. Horz/Vert: N  
 72 Appr. Alignment: 8  
 62 Culvert: N

**Posting Data**

70 Bridge Posting Required: 3  
 41 Struct Open, Posted, Cl: P  
 \* 103 Temporary Structure: T  
 232 Posted Load -Modified: 15  
 HS-Modified: 00  
 Type 3: 27  
 Type3s2: 00  
 Timber: 33  
 Piggyback: 00

253 Notification Date 02/01/1901  
 253 Fed Notify Date: 02/01/1901

BR-0001-00(361), Miller County  
PI No. 0001361  
Bridge Replacement: SR 91 @ Dry Creek

### Minutes of Concept Meeting

A design concept meeting for the above project was held on Tuesday October 29<sup>th</sup>, 2002 at the GDOT District 4 assembly room.

The meeting began at 11:00 am with a review of the draft concept report, and then the following items were discussed:

- Joe Burns, District Environmentalist was not present but furnished an Environmental information sheet. The level of Environmental Analysis is expected to be a Categorical Exclusion with a USACOE 404 Nationwide 23 Permit. The letter states that wetland impacts are to be determined. The letter states that there are no underground storage tanks, hazardous waste tanks, churches, or cemeteries within the project limits. Surveys for Historical Sites, Archaeological Sites, and Endangered Species will be required.
- Danny Gay, District Traffic Operations, agreed with the proposed 44' bridge width vs. the 40' width due to the truck traffic. He also recommended rumble strips at each end of the temporary detour. He requested that the detour be long enough to install guardrail and anchors before removing detour.
- Alltel Representative Robert H. Parker concurred with the location of the temporary detour on the east side of SR 91 as Alltel has buried and overhead facilities on the west side.

There was no other discussion and the meeting was adjourned at 11:30 am.

  
Jeff Bridges  
GDOT Project Manager





# Department of Transportation

State of Georgia

#2 Capitol Square, S.W.

Atlanta, Georgia 30334-1002

November 17, 2000

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

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

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, MILLER County agrees to provide or perform the following at no cost to the Georgia D.O.T. for project BR-0001-00(361) MILLER CO., PI# 0001361:*

### BRIDGES

#### SR 91 @ DRY CREEK 9.5 MI S OF COLQUITT

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 30<sup>th</sup> day of April, 2001

APPROVED India L. Taylor

City/County Official

# NOTICE OF LOCATION AND DESIGN APPROVAL

**BR-0001-00(361), Miller County  
PI No. 0001361**

Notice is hereby given in compliance with Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the Location and Design of the above project.

The date of location approval is JANUARY 16, 2003

This project will replace the structurally deficient bridge on SR 91 over Dry Creek with a new reinforced concrete bridge. This project is located in Miller County, approximately 9.5 miles south of Colquitt, Ga., in the 26<sup>th</sup> Land District, Land Lot No. 3 & 38 and Ga. Militia District 1160. The proposed project will be approximately 0.38 miles in length. The project begins at Milepost 1.5 and extends north to Milepost 1.9.

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:

Andy Oliver, Area Engineer  
734 W. Crawford St.  
Donalsonville, GA 39845-1366  
(229) 524-5760  
Andy.Oliver@dot.state.ga.us

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

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

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.



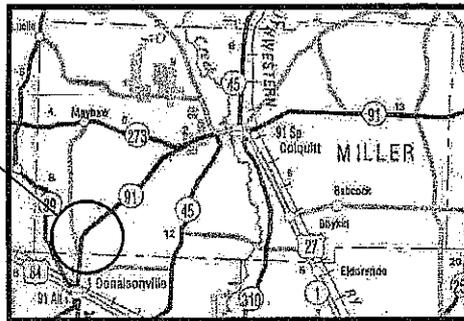
**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**  
District 4 – Tifton, Ga.

Project Number: BR-0001-00(361)  
County: Miller  
P. I. Number: 0001361

**Project Concept Report**

Federal Route Number: N/A  
State Route Number: ~~N/A~~ 91

Project Location



**Bridge Replacement: SR 91 over Dry Creek 9.5 miles south of Colquitt Georgia**

Recommended for approval:

DATE: 12/9/2002

DATE: 12/9/02

*Jeff Bief*  
Project Manager

*[Signature]*  
District Engineer

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

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

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

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

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

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

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

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

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

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

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

DATE: 12/15/02

*Paul V. Telen Jr.*  
State Bridge Design Engineer

Project Concept Report Page: 4  
Project Number: BR-0001-00(361)  
P. I. Number: 0001361  
County: Miller

**Existing Design Features:**

- Typical Section: Two 11' travel lanes with 2' paved shoulders and 6' graded shoulders.
- Posted Speed 55 mph Maximum degree curvature None.
- Maximum Grade: 1.0 %
- Width of right of way: 100 ft.
- Major structures: 120' x 26' Concrete bridge.
- Major interchanges or intersections along the project: None
- Existing length of roadway segment and the beginning mile logs for each county segment. Project begins at ML 1.53 and extends north approximately 0.38 miles to ML 1.91.

**Proposed Design Features:**

- Proposed typical section(s): Two 12 ft travel lanes, 10' grass shoulders (2' paved), open ditches.
- Proposed Design Speed Mainline 55 mph
- Proposed Maximum grade Mainline 1.0 % Maximum grade allowable 4.0 %
- Proposed Maximum grade Side Street n/a % Maximum grade allowable n/a %
- Proposed Maximum grade driveway 10 %
- Proposed Maximum degree of curve None. Maximum degree allowable 6°00'
- Right off way
  - ⇒ Width 120'
  - ⇒ Easements: Temporary , Permanent , Utility , Others
  - ⇒ Type of access control: Full , Partial , By Permit , Others
  - ⇒ Number of parcels 5 Number of displacements:
    - ⇒ Business: 0
    - ⇒ Residents: 0
    - ⇒ Mobile homes: 0
    - ⇒ Others: 0
- Structures:
  - ⇒ Bridges: 160' x 44' Reinforced Concrete Bridge *40' for ADT 4000 ML 12/15/02*
  - ⇒ Retaining walls: None
- Major intersections and interchanges: None
- Traffic control during construction: Traffic to be maintained via on-site detour.

Department of Transportation  
State of Georgia

---

INTERDEPARTMENTAL CORRESPONDENCE

File: BR - 0001-00(361) / Miller County  
P.I. No. 0001361

Office: Traffic Safety & Design  
Atlanta, Georgia

Date: December 18, 2002

From: <sup>PMA/sg</sup> Phillip M. Allen, State Traffic Safety and Design Engineer

To: Meg Pirkle, Assistant Director of Preconstruction

Subject: Project Concept Report Review

DEC 31 2002

We have reviewed the above referenced concept report for the proposed bridge replacement on SR 91 over Dry Creek in Miller 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  
David Crim, District Engineer  
Attention: Jeff Bridges, 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

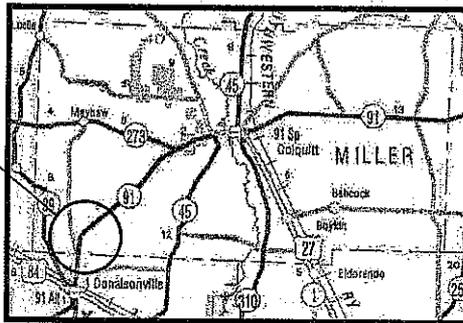
**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**  
*District 4 – Tifton, Ga.*

Project Number: BR-0001-00(361)  
County: Miller  
P. I. Number: 0001361

**Project Concept Report**

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

Project Location



**Bridge Replacement: SR 91 over Dry Creek 9.5 miles south of Colquitt Georgia**

Recommended for approval:

DATE: 12/9/2002

DATE: 12/9/02

*Jeff Bief*  
Project Manager

District Engineer

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

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

State Transportation Planning Administrator

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

Financial Management Administrator

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

State Environmental/Location Engineer

DATE: 12-18-02

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

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

Project Review Engineer

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

State Bridge Design Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

*District 4 – Tifton, Ga.*

Project Number: BR-0001-00(361)

County: Miller

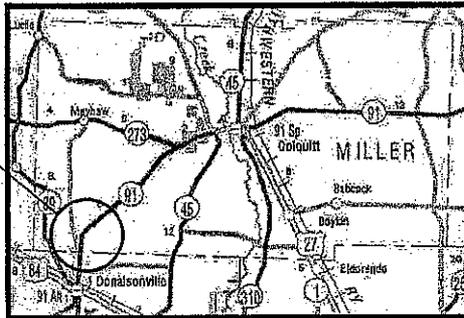
P. I. Number: 0001361

**Project Concept Report**

Federal Route Number: N/A

State Route Number: N/A

Project Location



**Bridge Replacement: SR 91 over Dry Creek 9.5 miles south of Colquitt Georgia**

Recommended for approval:

DATE: 12/9/2002

DATE: 12/9/02

Jeff Bief  
Project Manager  
[Signature]  
District Engineer

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

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

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

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

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

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

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

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

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

DATE: 12-18-02

David J. Mullins *REV*  
Project Review Engineer

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

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

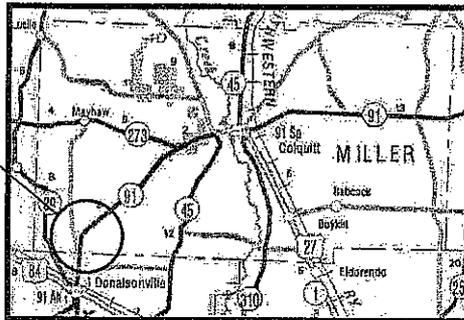
**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**  
*District 4 – Tifton, Ga.*

Project Number: BR-0001-00(361)  
County: Miller  
P. I. Number: 0001361

**Project Concept Report**

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

Project Location



**Bridge Replacement: SR 91 over Dry Creek 9.5 miles south of Colquitt Georgia**

Recommended for approval:

DATE: 12/9/2002

DATE: 12/9/02

Jeff Bief  
Project Manager  
[Signature]  
District Engineer

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

DATE: 12/16/02

Marta Rosen  
State Transportation Planning Administrator

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

Financial Management Administrator

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

State Environmental/Location Engineer

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

State Traffic Safety and Design Engineer

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

Project Review Engineer

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

State Bridge Design Engineer

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

District 4 - Tifton, Ga.

Project Number: BR-0001-00(361)

County: Miller

P. I. Number: 0001361

## Project Concept Report

Federal Route Number: N/A

State Route Number: N/A

Project Location



**Bridge Replacement: SR 91 over Dry Creek 9.5 miles south of Colquitt Georgia**

Recommended for approval:

DATE: 12/9/2002

DATE: 12/9/02

Jeff Bief  
Project Manager  
[Signature]  
District Engineer

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

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

State Transportation Planning Administrator  
[Signature]  
Financial Management Administrator

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

State Environmental/Location Engineer

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

State Traffic Safety and Design Engineer

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

Project Review Engineer

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

State Bridge Design Engineer

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