

ORIGINAL TO GENERAL FILES

D.O.T. 66

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** BRSLB-1586(4) Baker County **OFFICE** Preconstruction  
P. I. No. 442860  
*CWH* **DATE** June 8, 1999  
**FROM** C. Wayne Hutto, Assistant Director of Preconstruction  
**TO** SEE DISTRIBUTION

**SUBJECT PROJECT CONCEPT REPORT APPROVAL**

Attached for your files is the approval for subject project.

CWH/cj

Attachment

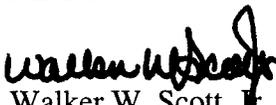
**DISTRIBUTION:**

Walker Scott  
Bobby Mustin  
David Studstill (ATTN: Harvey Keepler)  
Jerry Hobbs  
Herman Griffin  
Georgene Geary (ATTN: Michael Henry)  
Marion Waters  
Marta Rosen  
Paul Liles  
Don Mills  
David Crim

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** BRSLB-1586(4) Baker County **OFFICE** Preconstruction  
P.I. No. 442860 **DATE** May 4, 1999

**FROM**   
Walker W. Scott, Jr., P.E., Director of Preconstruction

**TO** Wayne Shackelford, Commissioner

**SUBJECT PROJECT CONCEPT REPORT**

This project is the replacement of a narrow and structurally deficient bridge on CR 67/Jones Road over Mill Creek, approximately 16 miles northwest of Newton, Georgia. The existing bridge 120' x 22' is in poor condition with general deterioration throughout the entire structure. The bridge has a sufficiency rating of 27. Baker County will temporarily repair the substructure by stradler bents and helper bents. This work will be done utilizing a county contract. The existing approaches consist of a two lane roadway (18' paving) with 5' rural shoulders on 80' of existing right-of-way. The base year traffic (2004) for this project is 200 VPD and the design year (2024) projection is 300 VPD. The posted speed and the design speed are 55 MPH.

The construction proposes to replace the existing bridge with a 120' x 28' concrete structure over Mill Creek along the existing alignment. The approaches will consist of two, 11' lanes with 5' rural shoulders on 100' of proposed right-of-way. The roadway will be closed during construction. Baker County will be responsible for the signing and maintenance of detour routes.

Environmental concerns include requiring a COE 404 permit; a Categorical Exclusion will be prepared; a public hearing is not required; time saving procedures are appropriate.

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG DATE</u>	<u>LET DATE</u>
Construction (includes E&C and inflation)	\$388,000	\$383,000	2002	01-10
Right-of-Way & Utilities*	Local	Local		

\*Baker County signed LGPA on 11-9-98 for right-of-way, utilities and detours.

Wayne Shackelford  
Page 2

BRSLB-1586(4) Baker  
May 4, 1999

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

WWS:JDQ/cj

Attachment

CONCUR



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

APPROVE



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Wayne Shackelford, Commissioner

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

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INTERDEPARTMENTAL CORRESPONDENCE

**FILE:** BRSLB-1586(4) Baker  
P.I. Number 442860

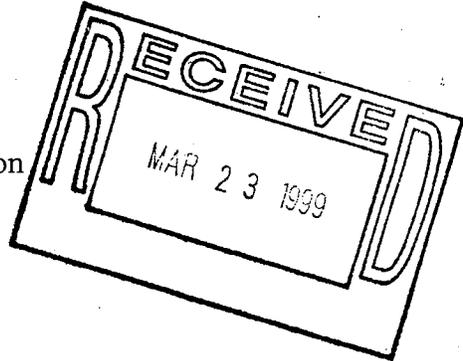
**OFFICE:** Atlanta, Georgia

**DATE:** March 22, 1999

**FROM:** Bob Mustin, Project Review Engineer *DTM*

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

**SUBJECT:** CONCEPT REPORT



We have reviewed the concept report submitted March 22, 1999 by the letter from Zane Hutchinson dated March 15, 1999, and have no comments.

The costs for the project are:

Construction	\$307,000
Inflation	\$ 31,000
E&C	\$ 34,000
Preliminary Engineering	\$ 16,000
Reimbursable Utilities	\$ 0 (LGPA?)
Right of Way	\$ ? (LGPA?)

DTM

c: Zane Hutchinson

# PROJECT CONCEPT REPORT

## BRSLB-1586 (4) P. I. NO. 442860 BAKER COUNTY

Federal Route No.: NONE

Date of Report: March 15, 1999

State Route No.: NONE

### RECOMMENDATION FOR APPROVAL

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

\_\_\_\_\_  
Date State Transportation Planning Administration

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

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

3-15-99

\_\_\_\_\_  
Date District Engineer/Tifton

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

\_\_\_\_\_  
Date State Traffic Operation Engineer

\_\_\_\_\_  
Date State Bridge & Structural Engineer



## PROJECT CONCEPT REPORT

**PROJECT NUMBER:** BRSLB-1586 (4)

### PROJECT LOCATION AND DESCRIPTION

BRSLB-1586 (4) is a bridge replacement on CR. 67/Jones Rd. in Baker Co. at Mill Creek approximately 16 miles Northwest of Newton, Ga. The existing typical section is a Rural two lane roadway with open ditches on 80 ft. of Rights of Way. The proposed typical section is a Rural two lane roadway with open ditches on 100 ft. of Rights of Way. The roadway will be closed during construction with Baker Co. furnishing the off-site detour. The project will begin at approximately ML 13.20 and the concept goes North for 0.12 miles to the end of the project at ML 13.32.

### TRAFFIC

#### CURRENT

#### PROJECTED

YEAR	AADT	YEAR	AADT
2004	200	2024	300

#### PDP CLASSIFICATION

#### FUNCTIONAL CLASSIFICATION

MINOR

RURAL MAJOR COLLECTOR

NON-CA ( )

CA ( )

EXEMPT (X)

N/A ( )

### NEED AND PURPOSE

Bridge is narrow and unsafe with a Sufficiency Rating of 27.9

**EXISTING ROADWAY**

<b>TYPICAL SECTION:</b>	2-Lane Rural(18 ft. of asphalt paving, 5 ft. graded shoulders with open ditches.)	<b>RIGHT-OF-WAY WIDTH</b> 80 ft.
<b>POSTED SPEED</b> 55 mph	<b>DEGREE OF CURVE</b> 7	<b>MAX GRADE</b> 3 %

**MAJOR STRUCTURES**

FEATURES INTERSECTED/TYPE	LENGTH	WIDTH	PRIORITY RATING	SUFF. RATING
MILL CREEK	120	22	N/A	27.9

HAZARD INDEX: N/A

**PROPOSED ROADWAY**

**LOCATION ON OLD ALIGNMENT**

<b>TYPICAL SECTION:</b>	2-Lane Rural(22 ft. of asphalt paving, 5 ft. graded shoulders with 4:1 front slopes and open ditches.)			
<b>DESIGN SPEED</b> 55	<b>DEGREE OF CURVE</b>		<b>MAX. GRADE</b>	
	<b>ALLOWABLE</b>	6	<b>ALLOWABLE</b>	3 %
	<b>PROPOSED</b>	7	<b>PROPOSED</b>	3 %

**PROPOSED MAJOR STRUCTURES**

FEATURES INTERSECTED/TYPE	LENGTH	WIDTH
MILL CREEK	120	32

**PROPOSED RIGHT-OF-WAY**

RIGHT-OF-WAY WIDTH	PARCELS IMPACTED	DISPLACEMENTS					
100	5	RES.:	0	BUS.:	0	M.H.:	0

TYPE OF ACCESS CONTROL: By permit.

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**COORDINATION AND SCHEDULING**

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**CONCEPT TEAM MEETING DATE:** FEBRUARY 18, 1999

**CONFORM TO TIP/STIP?** YES  X  NO

**MEET LOGICAL TERMINI REQUIREMENTS?** YES  X  NO

**P.A.R. MEETING:** N/A

**PERMITS REQUIRED:** NATIONWIDE 404

**LEVEL OF PUBLIC INVOLVEMENT:** NONE

**SCHEDULING CONSIDERATIONS:**

**TIME TO COMPLETE ENVIRONMENTAL:** 10 MONTHS

**TIME TO COMPLETE PRELIMINARY RD/RW PLANS:** 9 MONTHS

**TIME TO COMPLETE 404 PERMIT:** 10 MONTHS

**TIME TO COMPLETE FINAL CONSTRUCTION PLANS:** 12 MONTHS

**TIME TO BUY RIGHTS-OF-WAY:** 12 MONTHS

**OTHER PROJECTS IN AREA:** BRZLB-007 (2), BRSRB-1630 (4) BAKER CO.

**LOCAL GOVERNMENT COMMITMENTS:** LGPA (HAS NOT BEEN SIGNED)

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**MISCELLANEOUS**

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**TRAFFIC CONTROL DURING CONSTRUCTION:** Road to be closed during construction. Baker Co. will furnish a off site detour.

**LEVEL OF ENVIRONMENTAL ANALYSIS:** C.E.

**UNDERGROUND STORAGE TANKS:** NONE

**HAZARDOUS WASTE SITES:** NONE

**DESIGN VARIATIONS REQUEST**

	YES	NO	UNDETERMINED
SUBSTANDARD HORIZONTAL ALIGNMENT	( )	( )	( X )
SUBSTANDARD ROADWAY WIDTH	( )	( X )	( )
SUBSTANDARD SHOULDER WIDTH	( )	( X )	( )
SUBSTANDARD VERTICAL GRADES	( )	( X )	( )
SUBSTANDARD CROSS SLOPES	( )	( X )	( )
SUBSTANDARD STOPPING SIGHT DISTANCE	( )	( X )	( )
SUBSTANDARD SUPERELEVATION RATES	( )	( X )	( )
SUBSTANDARD HORIZONTAL CLEARANCE	( )	( X )	( )
SUBSTANDARD SPEED DESIGN	( )	( X )	( )
SUBSTANDARD VERTICAL CLEARANCE	( )	( X )	( )
SUBSTANDARD BRIDGE WIDTH	( )	( X )	( )
SUBSTANDARD BRIDGE STRUCTURAL CAPACITY	( )	( X )	( )

**ALTERNATIVES CONSIDERED**

1: No Build

**ESTIMATED COST**

<b>CONSTRUCTION:</b>	\$ 306,800.00	<b>RIGHT-OF-WAY:</b>	\$ 0.00
<b>E &amp; C (10%):</b>	30,680.00	<b>ACQUIRED BY:</b>	Baker Co.
<b>INFLATION:</b>	33,748.00	<b>UTILITIES:</b>	\$ 0.00
(2 yrs at 5% per yr.): 10 %		<b>ADJUSTED BY:</b>	UTILITY COMPANIES
<b>TOTAL CONSTRUCTION COST:</b>	\$ 371,228.00		

**COMMENTS**

It is recommended that this project be scheduled for bridge replacement.

**ATTACHMENTS:** Cost Estimate, Typical Section, Team Meeting Minutes, Location Sketch, Traffic Count, Accident History, Location & Design Approval

**PREPARED BY:**

*Zane Hutchinson*  
Zane Hutchinson, District Design Engineer

# PRELIMINARY COST ESTIMATE

PROJECT NO.	BRSRB-1586 (4)	COUNTY:	BAKER
P. I. NO.	442860		
DATE:	March 15, 1999	ESTIMATED LETTING DATE:	OCT. 2001
PREPARED BY:	ZANE HUTCHINSON		
<input type="checkbox"/>	PROGRAM PROCESS	<input checked="" type="checkbox"/>	CONCEPT DEVELOPMENT
<input type="checkbox"/>		<input type="checkbox"/>	DURING PROJECT DEVELOPMENT
<b>PROJECT COST</b>			
<b>A. RIGHT OF WAY</b>			
1. PROPERTY (Land & Easement)		\$	0.00
2. DISPLACEMENTS (RES:0, BUS: 0, M.H.: 0)		\$	N/A
3. OTHER COSTS (ADM./COST INFLATION)		\$	N/A
<b>SUBTOTAL: A</b>			<b>\$ 0.00</b>
<b>B. REIMBURSABLE UTILITIES</b>			
1. RAILROAD		\$	N/A
2. TRANSMISSION LINES		\$	0.00
3. SERVICES		\$	N/A
<b>SUBTOTAL: B</b>			<b>\$ 0.00</b>
<b>C. CONSTRUCTION</b>			
<b>1: MAJOR STRUCTURES</b>			
a. BRIDGES		\$	192,000.00
b. OTHERS (APPROACH SLABS)		\$	20,200.00
<b>SUBTOTAL: C-1</b>			<b>\$ 212,200.00</b>
<b>2. GRADING &amp; DRAINAGE</b>			
a. EARTHWORK		\$	45,000.00
<b>b. DRAINAGE:</b>			
1) Cross Drain Pipe		\$	N/A
2) Curb & Gutter		\$	N/A
3) Longitudinal System (including catch basins)		\$	N/A
<b>SUBTOTAL: C-2</b>			<b>\$ 45,000.00</b>
<b>3. BASE &amp; PAVING</b>			
a. AGGREGATE BASE		\$	N/A
<b>b. ASPHALT PAVING</b>			
1) Surface		\$	6,500.00
2) Binder		\$	2,800.00
3) Base		\$	3,500.00
c: CONCRETE PAVING		\$	N/A
d. OTHERS		\$	N/A
<b>SUBTOTAL: C-3</b>			<b>\$ 12,800.00</b>

<b>4. LUMP SUM</b>		
a. GRASSING	\$	500.00
b. CLEARING & GRUBBING	\$	4,000.00
c. LANDSCAPING	\$	N/A
d. EROSION CONTROL	\$	7,000.00
e. TRAFFIC CONTROL	\$	0.00
f. REMOVAL OF EXISTING BRIDGE	\$	17,300.00
g. CONSTRUCT, MAINT., & REMOVE DETOUR STRUCTURE	\$	0.00
<b>SUBTOTAL: C-4</b>		<b>\$ 28,800.00</b>
<b>5. MISCELLANEOUS</b>		
a. LIGHTING	\$	N/A
b. SIGNING & MARKING	\$	200.00
c. GUARDRAIL	\$	7,800.00
d. SIDEWALK	\$	N/A
<b>SUBTOTAL: C-5</b>		<b>\$ 8,000.00</b>
<b>6. SPECIAL FEATURES</b>		
	\$	N/A
<b>SUBTOTAL: C-6</b>		<b>\$ 0.00</b>

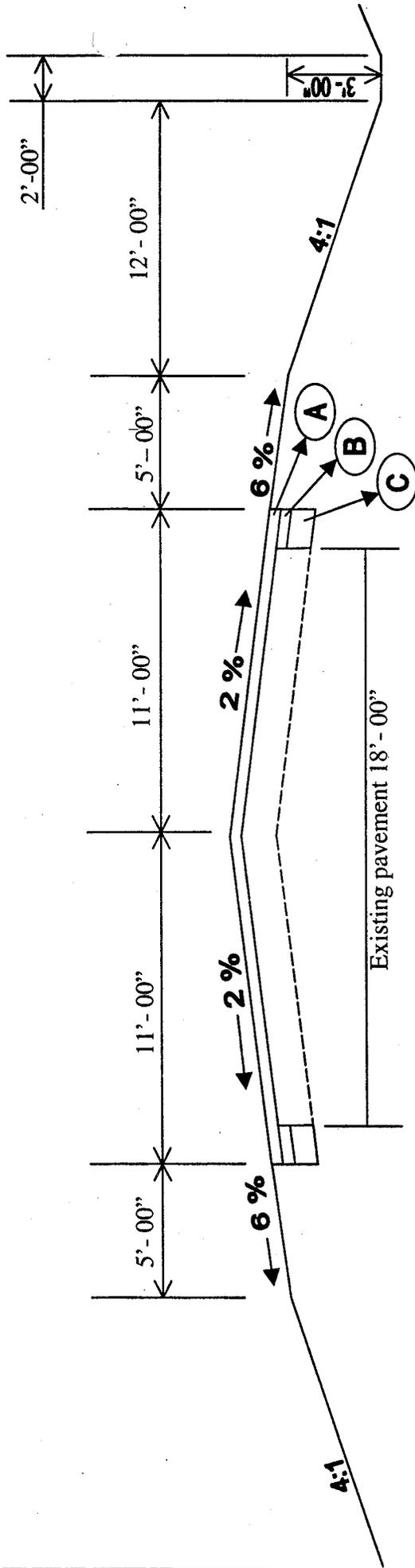
## ESTIMATE SUMMARY

<b>A. RIGHT OF WAY</b>		<b>\$ 0.00</b>	
<b>B. REIMBURSABLE UTILITIES</b>		<b>\$ 0.00</b>	
<b>C. CONSTRUCTION</b>			
1. MAJOR STRUCTURES		\$ 212,200.00	
2. GRADING & DRAINAGE		\$ 45,000.00	
3. BASE & PAVING		\$ 12,800.00	
4. LUMP ITEMS		\$ 28,800.00	
5. MISCELLANEOUS		\$ 8,000.00	
6. SPECIAL FEATURES		\$ 0.00	
<b>SUBTOTAL CONSTRUCTION COST</b>		<b>\$ 306,800.00</b>	
E & C (10%)		\$ 30,680.00	
INFLATION (5% PER YEAR)	NUMBER OF YEARS	2	\$ 33,748.00
<b>TOTAL CONSTRUCTION COST</b>		<b>\$ 371,228.00</b>	
<b>GRAND TOTAL PROJECT COST</b>			<b>\$ 371,228.00</b>

# TYPICAL SECTION

**BRSLB-1586 (4) Baker Co.**

**P. I. No. 442860**



- A** 165 LB/SQ. YD. Asph Conc 12.5 mm Superpave
- B** 220 LB/SQ. YD. Asph Conc 19 mm Superpave
- C** 330 LB/SQ. YD. Asph Conc 25 mm Superpave

County	: BAKER	Type Median:	NONE
Route	: 6700, CR	Add.Lane lf:	NONE
Milepoint	: 1326	Add.Lane rt:	NONE
Number Lanes	: 02	Road system:	RURAL MAJOR COLLECTOR
Travel Width	: 020	Int RD Name:	
Truck %	: 10.5	Type Signal:	NONE
97 ADT,98 ADT	: 000100, 000100	Inv Year	: 97
Access Control:	UNCONTROLLED	Yr.Improved:	95
Paces rating	: 68 (1997)	Type Improv:	RESURFACE
Truck Route	: NO	Surface Typ:	MIXED BITUMINOUS
Accident Data	: CALL T&S	Pop Density:	RURAL OUTSIDE INCORP AREA
Right of Way	: EST-080	Operation	: TWO WAY (NON RESTRICTED)
Speed Limit	: 55	Description:	BRS00100
Left shd width:	03	Lft Shd Typ:	GRASS
Rgt shd width:	03	Rgt Shd Ttp:	GRASS
District	: TIFTON	Contact	: Joe Burns (912) 386-3465

advance, =go back, =back to menu:

## SECTION 1 -- Location &amp; Geography

Screen 1

\* Structure I.D. No.: 007-0010-0  
200 Bridge Information: 06

\* 6A Feature Int.: MILL CREEK  
\* 6B Critical Bridge: 0  
\* 7A Route Number Carried: CR00067  
\* 7B Facility Carried: JONES ROAD  
\* 9 Location: APP 16 MI NW OF NEWTON  
2 DOT District: 4  
207 Year Photo: 95

\* 91 Inspection Frequency: 24 Date: 12/96  
92A Fract Crit Insp Freq: 0 00 Date: 02/01  
92B Underwater Insp Freq: 0 00 Date: 02/01  
92C Other Spc. Insp Freq: 0 00 Date: 02/01

\* 4 Place Code: 00000

\* 5 Inventory Route (O/U): 1  
Type.....: 4  
Designator.: 1  
Number.....: 01586  
Direction...: 0

\* 16 Latitude.: 31-23.7  
\* 17 Longitude: 084-35.1

98 Border Bridge: 000 %Shared: 00  
99 ID. Number...: 0000000000000000

\*100 Defense Highway.....: 0  
\*101 Parallel Structure...: N  
\*102 Direction of Traffic: 2  
264 Road Inventory Mile Post: 013.26 \_

\*208 Inspection Area: 11 Initials: JWH

\*Location I.D. No: 007-01586F-01355N  
\*%Referen I.D. No: 000-000000-000000

## SECTION 1 - CONTINUED

\*104 Highway System.....: 0  
\* 26 Functional Classification: 07  
\*204 Federal Route Type: S No:01586  
\*110 Truck Route.....: 0  
206 School Bus Route.....: 0  
217 Benchmark Elevation....:0200.00  
218 Datum.....: 1

Screen 2

\* 19 Bypass Length.....: 01  
\* 20 Toll.....: 3  
\* 21 Maintenance.....: 02  
\* 22 Owner.....: 02  
31 Design Load.....: 0  
37 Historical Significance: 5  
205 Congressional District.: 02  
\* 27 Year Constructed.....: 1954  
106 Year Reconstructed.....: 0000  
33 Bridge Median.....: 0  
34 Skew.....: 00  
35 Structure Flared.....: 0  
38 Navigation Control.....: 0  
213 Special Steel Design...: 0  
267 Type of Paint.....: 0  
\* 42 Type Service On: 1  
Under: 5  
214 Movable Bridge....: 00

203 Type Bridge.....: C-K-A-O  
259 Pile Encasement.....: 3  
\* 43 Structure Type Main: 1 01  
45 No. Spans Main.....: 008  
44 Structure Type Appr: 000  
46 No. Spans Appr.....: 0000  
226 Bridge Curve Horz...: 0 Vert: 0  
111 Pier Protection....: 0  
107 Deck Structure Type: 2

108 Wearing Surface Type: 1  
Membrane: 8  
Protection: 8

\*248 County Continuity No: 00

## SECTION 2 - Signs &amp; Attachments

Screen 3

225 Expansion Joint Type: 02  
242 Deck Drains.....: 1

243 Parapet Location: 0  
Height: 00.0  
Width: 00.0

238 Curb.....: 0.0 0  
239 Handrail.....: 9 9  
\*240 Median Barrier Rail: 0

241 Bridge Median Height: 0.0  
Width: 00.0

\*230 Guardrail Loc Dir Rear: 0  
Fwd: 0  
Oppo Dir Rear: 0  
Fwd: 0

244 Approach Slab.: 0  
224 Retaining Wall: 0

233 Posted Speed Limit: 00  
236 Warning Sign.....: 0  
234 Delineator.....: 0  
235 Hazard Boards.....: 0

237 Utilities Gas.....: 00  
Water.....: 00  
Electric.: 00  
Telephone: 00  
Sewer.....: 00

247 Lighting Street.....: 0  
Navigation: 0  
Aerial.....: 0

SECTION 3 - Programming Data

Screen 4  
 201 Project No.: UNKNOWN  
 202 Plans Available.: 0  
 249 Proposed Proj No.: BRSLB-1586 (4)  
 250 Approval Status.: 0000  
 251 P.I. No.: 442860  
 252 Contract Date.: 02/01/02  
 260 Ranking No.: 00000  
 75 Type Work.: 31 1  
 94 Bridge Imp. Cost.: \$000124  
 95 Roadway Imp. Cost.: \$000050  
 96 Total Imp. Cost.: \$000210  
 76 Imp. Length.: 000331  
 97 Imp. Year.: 90  
 114 Future ADT.: 000300 Year: 17

SECTION 4 - Hydraulic Data

Screen 5  
 215 Waterway Data  
 Highwater Elev.: 0196.2 Year: 72  
 Flood Elev.: 0000.0 Freq: 000  
 Avg Streambed Elev.: 0185.2  
 Drainage Area.: 00000  
 Area of Opening.: 001260  
 113 Scour Critical.: 6  
 216 Water Depth.: 04.3 Br. Height: 08.5  
 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.: 00.0  
 Height.: 00.0  
 Length.: 000  
 Apron.: 0

\*265 U/W Insp. Area: 0 Diver.: ZZZ

\*Location I.D. No: 007-01586F-01355N

\*XReferen I.D. No: 000-000000-000000

Screen 6 SECTION 5 - Measurements

\* 29 ADT.: 000200 Year: 97  
 109 % Trucks.: 07  
 \* 28 Lanes On.: 02 Under: 00  
 210 No. Tracks On: 00 Under: 00  
 254 FC Classification.: 0  
 255 FC Rank Factor.: 0003  
 \* 48 Max. Span Length.: 0015  
 \* 49 Structure Length.: 000120  
 51 Br. Rdwy. Width.: 022.0  
 52 Deck Width.: 024.0  
 \* 47 Tot. Horz. Cl.: 22.0  
 50 Curb/Sidewlk Width.: 00.0/00.0  
 32 Approach Rdwy Width.: 018  
 \*229 Shoulder Width  
 Rear Lt: 06.0 Type: 8 Rt: 06.0  
 Fwd Lt: 06.0 Type: 8 Rt: 06.0  
 Pmnt Width  
 Rear: 18.0 Type: 2  
 Fwd: 18.0 Type: 2  
 Intersection Rear: 0 Fwd: 0  
 36 Safety Features Br. Rail.: 2  
 Transition.: 0  
 App. G. Rail.: 0  
 App. Rail End: 0

Screen 7

53 Minum Cl. Over.: 99 99"  
 54 Under: N 00 00"  
 \*228 Min. Vert. Cl  
 Act. Cdm. Dir.: 99 99"  
 Opp. Dir.: 99 99"  
 Posted Cdm. Dir.: 00 00"  
 Opp. Dir.: 00 00"  
 55 Lateral Undercl. Rt: N 99.9  
 56 Lateral Undercl. Lt: 00.0  
 \* 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.: 08.0  
 Deck Thick Approach.: 00.0  
 246 Overlay Thickness.: 00.0  
 211 Tons Structural Steel: 0000  
 212 Year Last Painted.: 0000

SECTION 6 - Ratings

Screen 8  
 66 Inventory Type: 2 Rating: 05  
 64 Operating Type: 2 Rating: 07  
 231 Calculated Loads  
 H-Modified.: 03 1  
 HS-Modified: 00 0  
 Type 3.: 00 0  
 Type 3S2.: 00 0  
 Timber.: 00 0  
 Piggyback.: 00 0  
 261 H Inventory Rating: 03  
 262 H Operating Rating: 04  
 67 Structural Evaluation.: 2  
 58 Deck Condition.: 5  
 59 Superstructure Condition: 5  
 \*227 Collision Damage.: 0  
 60A Substructure Condition.: 3  
 60B Scour Condition.: 8  
 60C Underwater Condition.: N  
 71 Waterway Adequacy.: 8  
 61 Channel Protection Cond.: 7  
 68 Deck Geometry.: 4  
 69 UnderClr. Horz/Vert.: N  
 72 Appr. Alignment.: 7  
 62 Culvert.: N

SECTION 7 - Posting Data

Screen 9  
 70 Bridge Posting Required: 0  
 41 Struct Open, Posted, Cl: P  
 \*103 Temporary Structure.: 0  
 232 Posted Loads H-Modified: 03  
 HS-Modified: 00  
 Type 3.: 00  
 Type 3S2.: 00  
 Timber.: 00  
 Piggyback.: 00  
 253 Notification Date: 04/07/95  
 258 Fed Notify Date: 02/01/95 0

**BRSLB-1586 (4) BAKER COUNTY**  
**P. I. No. 442860**  
**CONCEPT MEETING MINUTES**  
**February 18, 1999**

The meeting began at 10:15 a.m. with Zane Hutchinson, District Design Engineer, presiding. A sign-in sheet was passed around and is attached as part of the minutes. DOT Maintenance, Construction, and Baker County were not present for the meeting. Mr. Hutchinson described the project as a bridge replacement on CR 67/Jones Road in Baker County at Mill Creek, approximately 16 miles northwest of Newton, Georgia. Mr. Hutchinson described the existing and proposed typical sections, traffic counts, existing and proposed right of ways, proposed design speed, and proposed structure. Mr. Hutchinson stated that the road would be closed during construction and Baker County would provide an offsite detour. Mr. Hutchinson stated that Kenny Vickers, District Construction Engineer, requested that the proposed bridge be 32 ft or wider.

Emory Giddens, representing the District Utilities Department, stated that Bell South and Mitchell EMC are located on existing right of ways. The power lines are close to the bridge and would probably be in conflict with construction. Bell South is attached to the power poles. Mitchell EMC said they could cut the power at each end of the project.

Danny Gay, representing the District Traffic Operations, stated that he has no available accident history because the road is off system, but he noticed some damage to the handrails. He stated that the existing curve probably does not meet the 55 MPH speed design, and the County should put up advisory signs in advance of the bridge. Mr. Hutchinson stated that the existing curve does not meet the 55 MPH, and, if the project gets into the curve, a design exception will be required. Danny asked if the road could be realigned. Mr. Hutchinson stated that realignment would get into wetlands and the mill located on the west side is historical. This would cause problems with realignment. There are houses located on the inside of the existing curve, which also may cause problems.

Randall Carr, District Environmentalist, stated we will have a Nationwide 404 permit and do a C.E. He stated that if we get additional right of way, we will need a 4-F, causing a delay of approximately one year – because of the gristmill on the west side. He recommended staying with the old alignment.

Mr. Hutchinson asked if there were any other comments or questions. There were none.

Mr. Hutchinson asked the committee if they accepted the concept as proposed. Everyone agreed and the meeting was concluded at 10:23 a.m.

Mr. Charlie Duke, Baker County Manager, called after the meeting and stated he is in agreement with the project. Mr. Duke stated that this bridge is scheduled to have the pilings and caps replaced.

Mr. Hutchinson contacted Scott Chambers, Assistant Area Engineer, and Mr. Chambers stated the existing bridge is scheduled to have the deck removed and the pilings and caps replaced and the deck put back. Mr. Chambers stated he talked with Sonja Thompson, Area Engineer, and she recommends that the proposed project (BRSLB-1586 (4) BAKER COUNTY) be deleted.

See attached letter from Roger Fowler, District State Aid Coordinator, relating to the existing bridge.



## DATA SHEET

**Project Number:** BRSLB-1586 (4) BAKER CO.

**P. I. No.** 442860

**Route No.** NONE

**Let Date:** OCT. 2001

**Project Description:** BRSLB-1586 (4) is a bridge replacement on CR. 67/Jones Rd. in Baker Co. at Mill Creek approximately 16 miles Northwest of Newton, Ga. The existing typical section is a Rural two lane roadway with open ditches on 80 ft. of Rights of Way. The proposed typical section is a Rural two lane roadway with open ditches on 100 ft. of Rights of Way. The roadway will be closed during construction with Baker Co. furnishing the off-site detour. The project will begin at approximately ML 13.20 and the concept goes North for 0.12 miles to the end of the project at ML 13.32.

**Existing Typical Section:** 2-Lane Rural(18 ft. of asphalt paving, 5 ft. graded shoulders with open ditches.)

**Existing Drainage Structure:** CONCRETE BRIDGE 120 FT. X 22 FT. SUFF. RATING 27.9

**Existing Right-of-Way:** 80 FT.

**Traffic Count:** Present 2004 ADT 200 Future 2024 ADT 300

**Posted Speed:** 55 MPH

**Proposed Speed Design:** 55 MPH

**Proposed Typical Section:** 2-Lane Rural(22 ft. of asphalt paving, 5 ft. graded shoulders with 4:1 front slopes and open ditches.)

**Proposed Drainage Structure:** CONCRETE BRIDGE 120 FT. X 32 FT.

**Proposed Right-of-Way:** 100 FT.

**Proposed Detour:** ROADWAY TO BE CLOSED DURING CONSTRUCTION. BAKER CO. WILL FURNISH AN OFF-SITE DETOUR.

**Hutchinson, Zane**

**From:** Ebodaghe, Abby  
**Sent:** Tuesday, January 26, 1999 2:54 PM  
**To:** Hutchinson, Zane  
**Subject:** Traffic for CR 67/Jones Road @ Mill Creek .

**Department of Transportation  
State of Georgia**

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**INTERDEPARTMENT CORRESPONDENCE**

**FILE** BRSLB-1586(4), Baker County      **OFFICE** Environment/ Location  
P.I. # 442860

**DATE** January 26, 1999

**FROM** David E. Studstill, P.E., State Environment/ Location

**TO** David Crim, District Engineer  
**Attn:** Zane Hutchinson

**SUBJECT** We are furnishing estimated traffic assignments for the above projects as follows:

2004 AADT =200  
2024 AADT = 300  
K = 10%  
D = 55%  
T = 4%  
24 HR. T = 7%  
S.U. = 4%  
COMB. = 3%

If you have any questions concerning this information please contact Gary Langford at (404) 699-4404.

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** Baker County

**OFFICE** Tifton

**FROM**   
Roger H. Fowler, District State Aid Coordinator

**DATE** February 16, 1999

**TO** Zane G. Hutchinson; District Design Engineer  
Tifton

**SUBJECT** BAKER COUNTY  
CONSTRUCTION WORK PROGRAM BRIDGE PROJECTS

Baker County has a D.O.T. County Contract to rehabilitate the following bridges by disassembling and replacing all piling for the following bridges.

Clear Lake Road (CR-121) over Chickasawhatchee Creek  
Jones Road (CR-67/S-1586) over Mill Creek

Baker County plans to begin these repairs next month using the D.O. T. crane. I recommend that as soon as these repairs are accomplished, that Bridge Inspection reevaluation these bridges. At that time the status of these projects could be reevaluated.

If additional information is needed, please advise.

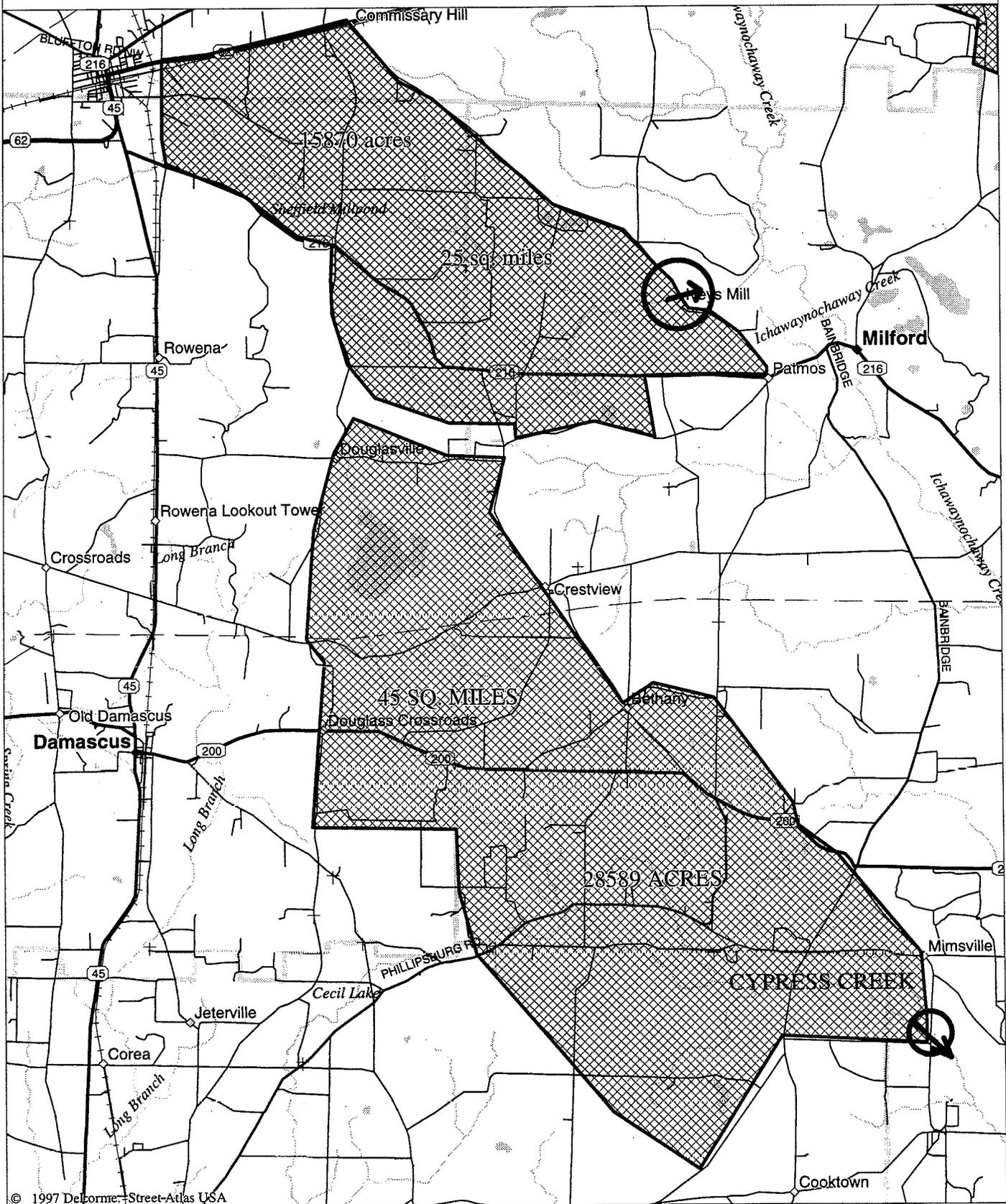
RHF: rf

C: Ronnie Nix

**BRSLB-1586 (4) BAKER CO.  
P.I. NO. 442860  
CR 67 @ MILL CK**



# LOCATION SKETCH



**ACCIDENT HISTORY**  
**BRSLB-1586 (4) BAKER COUNTY**  
**P. I. No. 442860**

There was no accident history available for this off-system roadway.

# NOTICE OF LOCATION AND DESIGN APPROVAL

**BRSLB-1586 (4)**  
**Baker County**  
**P.I. No. 442860**

**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.

Project BRSLB-1586 (4) will replace the bridge at Mill Creek on CR. 67/Jones Road.

The date of location approval \_\_\_\_\_.

The proposed project will construct a new ~~32~~<sup>28'</sup>-ft wide by 120-ft. long bridge over the Mill Creek on CR. 67. The road will be closed during construction and Baker County will furnish an off site detour for the traveling public. The total length of the project is approximately 0.12 miles.

Drawings of the proposed project are on file and are available for public inspection at the Georgia Department of Transportation, 710 West Second Street, Tifton, Georgia 31794.

Any written request in reference to this Notice should include the Project and P.I. Numbers as noted at the top of this Notice and may be referred to:

Zane G. Hutchinson  
District Design Engineer  
**Georgia Department of Transportation**  
710 West Second Street  
Tifton, Georgia 31794  
Telephone Number (912) 386-3300

**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM**  
**FLOOD INSURANCE RATE MAP**  
**BAKER COUNTY,**  
**GEORGIA**  
**AND INCORPORATED AREAS**

**PANEL 50 OF 350**

(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS:

<u>COMMUNITY</u>	<u>NUMBER</u>	<u>PANEL</u>	<u>SUFFIX</u>
BAKER COUNTY	130270	0050	C

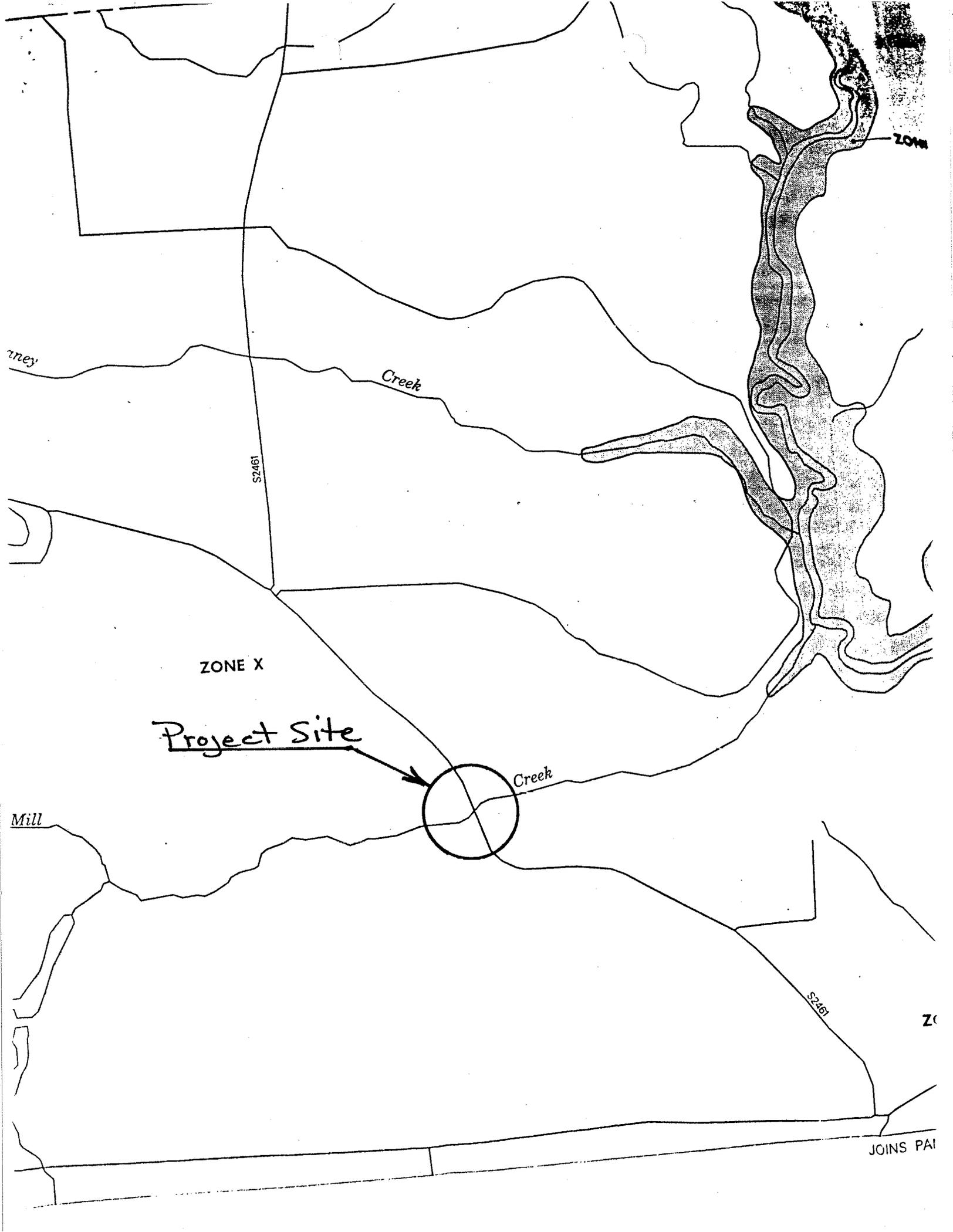
Notice to User. The MAP NUMBER shown below should be used when placing map orders; the COMMUNITY NUMBER shown above should be used on insurance applications for the subject community.

**MAP NUMBER**  
**13007C0050 C**

**EFFECTIVE DATE:**  
**JUNE 19, 1997**



Federal Emergency Management Agency



ZONE

mey

Creek

S2461

ZONE X

Project Site

Creek

Mill

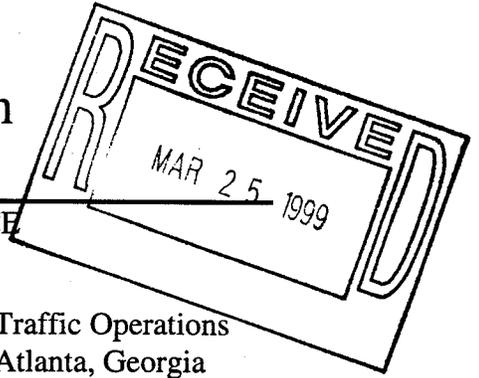
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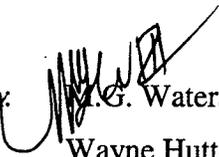
Department of Transportation  
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE



File: BRSLB-1586(4)/Baker County  
P.I. No. 442860

Office: Traffic Operations  
Atlanta, Georgia  
Date: March 23, 1999

From:  M.G. Waters, III, P.E., State Traffic Operations Engineer  
To: Wayne Hutto, Assistant Director of Preconstruction

Subject: Project Concept Report Review

We have reviewed the concept report on the above project for the replacement of a narrow and unsafe bridge on Jones Road(CR 67) over Mill Creek. The bridge has a sufficiency rating of 27.9. This project is located approximately 16 miles northwest of the city of Newton.

The existing roadway is a two lane, 18 feet of pavement, rural facility with 5 foot graded shoulders and open ditches. The existing bridge is 22 feet in width. The posted speed is 55 mph.

The new bridge will be 32 feet wide with a speed design of 55 mph. The proposed roadway will be a two lane, 22 feet of asphalt pavement, with 5 foot graded shoulders, 4:1 front slopes and open ditches. The design year traffic is 300 AADT.

Jones Road will be closed during construction with an off site detour provided by Baker County.

We believe this concept will improve safety along this section of roadway.

We therefore find this report satisfactory for approval.

MGW:TWS

Attachment (signature page)

c: David Studstill  
David Crim, District Engineer, Tifton  
Attn: Zane Hutchinson  
Bob Mustin, w/ attachment  
Toni Dunagan  
General Files

# PROJECT CONCEPT REPORT

## BRS LB-1586 (4) P. I. NO. 442860 BAKER COUNTY

Federal Route No.: NONE  
State Route No.: NONE

Date of Report: March 15, 1999

### RECOMMENDATION FOR APPROVAL

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

Date \_\_\_\_\_ State Transportation Planning Administration

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

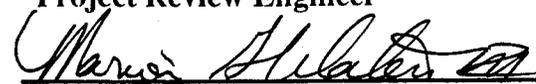
Date \_\_\_\_\_ State Environmental/Location Engineer

3-15-99

Date \_\_\_\_\_  District Engineer/Tifton

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

3-24-99

Date \_\_\_\_\_  State Traffic Operation Engineer

Date \_\_\_\_\_ State Bridge & Structural Engineer

# PROJECT CONCEPT REPORT

## BRSLB-1586 (4) P. I. NO. 442860 BAKER COUNTY

Federal Route No.: NONE

Date of Report: March 15, 1999

State Route No.: NONE

### RECOMMENDATION FOR APPROVAL

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

Date

State Transportation Planning Administration

Date

State Transportation Programming Engineer

Date

State Environmental/Location Engineer

3-15-99

Date

District Engineer/Tifton

Date

Project Review Engineer

Date

State Traffic Operation Engineer

3/22/99

Date

State Bridge & Structural Engineer

**EXISTING ROADWAY**

<b>TYPICAL SECTION:</b>	2-Lane Rural(18 ft. of asphalt paving, 5 ft. graded shoulders with open ditches.)	<b>RIGHT-OF-WAY WIDTH</b> 80 ft.
<b>POSTED SPEED</b> 55 mph	<b>DEGREE OF CURVE</b> 7	<b>MAX GRADE</b> 3 %

**MAJOR STRUCTURES**

FEATURES INTERSECTED/TYPE	LENGTH	WIDTH	PRIORITY RATING	SUFF. RATING
MILL CREEK	120	22	N/A	27.9

HAZARD INDEX: N/A

**PROPOSED ROADWAY**

**LOCATION ON OLD ALIGNMENT**

<b>TYPICAL SECTION:</b>	2-Lane Rural(22 ft. of asphalt paving, 5 ft. graded shoulders with 4:1 front slopes and open ditches.)			
<b>DESIGN SPEED</b> 55	<b>DEGREE OF CURVE</b>		<b>MAX. GRADE</b>	
	<b>ALLOWABLE</b>	6	<b>ALLOWABLE</b>	3 %
	<b>PROPOSED</b>	7	<b>PROPOSED</b>	3 %

**PROPOSED MAJOR STRUCTURES**

FEATURES INTERSECTED/TYPE	LENGTH	WIDTH
MILL CREEK	120	22 28' As 3/22/99

**PROPOSED RIGHT-OF-WAY**

RIGHT-OF-WAY WIDTH	PARCELS IMPACTED	DISPLACEMENTS					
100	5	RES.:	0	BUS.:	0	M.H.:	0

TYPE OF ACCESS CONTROL: By permit.

# PROJECT CONCEPT REPORT

## BRSLB-1586 (4) P. I. NO. 442860 BAKER COUNTY

Federal Route No.: NONE

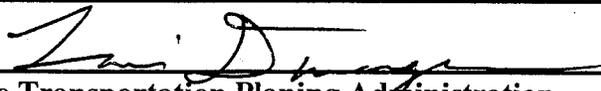
Date of Report: March 15, 1999

State Route No.: NONE

### RECOMMENDATION FOR APPROVAL

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

3/26/99  
Date

  
State Transportation Planning Administration

\_\_\_\_\_  
Date

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

\_\_\_\_\_  
Date

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

3-15-99  
Date

  
District Engineer/Tifton

\_\_\_\_\_  
Date

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

\_\_\_\_\_  
Date

\_\_\_\_\_  
State Traffic Operation Engineer

\_\_\_\_\_  
Date

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

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE Baker County OFFICE Tifton  
DATE March 24, 1999  
FROM   
Roger H. Fowler, District State Aid Coordinator  
TO Zane G. Hutchinson, District Design Engineer  
Tifton  
SUBJECT BAKER COUNTY  
CONSTRUCTION WORK PROGRAM BRIDGE PROJECTS

In a letter wrote to you on February 16, 1999, Baker County had planned to rehabilitate the following bridge by disassembling and replacing all pilings. There has been a change in plan. These bridges are to be repaired by Stradler Bents and or helper Bents.

Clear Lake Road (CR 121) over Chickasawhatchee Creek  
Jones Road (CR-67/S-1586) over Mill Creek

If additional information is needed, please advise.

RHF/da

c: Ronnie Nix, Assistant State Aid Administrator

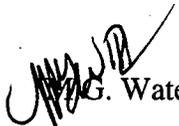
Department of Transportation  
State of Georgia

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INTERDEPARTMENTAL CORRESPONDENCE

File: BRSLB-1586(4)/Baker County  
P.I. No. 442860

Office: Traffic Operations  
Atlanta, Georgia  
Date: April 2, 1999

From:  G. Waters, III, P.E., State Traffic Operations Engineer  
To: Wayne Hutto, Assistant Director of Preconstruction

Subject: Project Concept Report Review

We have reviewed the amended concept report on the above project for the replacement of a narrow and unsafe bridge on Jones Rd.(CR 67) over Mill Creek, located approximately 16 miles northwest of the city of Newton.

The amended changes include Mr. Hutchinson's approval for replacement and the method of repair by Baker County.

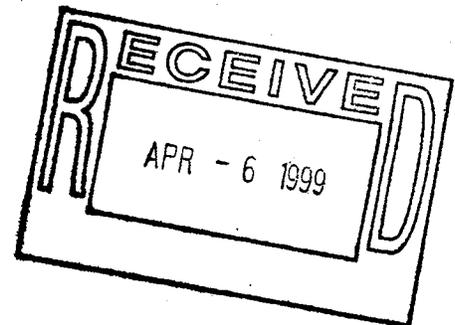
Our original letter dated March 23, 1999 approved the replacement of this structure and the approach roadway improvements. We believe this concept will improve safety and traffic operations along this section of roadway.

We therefore find this report satisfactory for approval.

MGW:TWS

Attachment (signature page)

c: David Studstill  
David Crim, District Engineer, Tifton  
Attn: Zane Hutchinson  
Bob Mustin, w/ attachment  
Toni Dunagan  
General Files



# PROJECT CONCEPT REPORT

## BRSLB-1586 (4) P. I. NO. 442860 BAKER COUNTY

Federal Route No.: NONE

Date of Report: March 15, 1999

State Route No.: NONE

### RECOMMENDATION FOR APPROVAL

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

Date

State Transportation Planning Administration

Date

State Transportation Programming Engineer

Date

State Environmental/Location Engineer

3-15-99

Date

District Engineer/Tifton

Date

Project Review Engineer

4/15/99

Date

State Traffic Operation Engineer

Date

State Bridge & Structural Engineer

