

ORIGINAL TO GENERAL FILES

D.O.T. 66

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE STP-BRS-0692(25) Haralson County **OFFICE** Preconstruction
P. I. No. 642380
DATE September 28, 2001
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:

Tom Turner
David Mulling
Harvey Keepler
Jerry Hobbs
Herman Griffin
Michael Henry
Phillip Allen
Marta Rosen
Paul Liles
Jimmy Chambers
Kent Sager
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE STP-BRS-0692(25) Haralson County **OFFICE** Preconstruction
P.I. No. 642380 **DATE** September 19, 2001

FROM C. Wayne Hutto, P.E., Assistant Director of Preconstruction

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

SUBJECT PROJECT CONCEPT REPORT

This project is the replacement of a functionally obsolete and structurally deficient bridge on SR 100 over Walker Creek, 3.0 miles south of Tallapoosa, Georgia. The existing bridge, constructed in 1954, is 150' x 23.8' with a sufficiency rating of 64. The original design load capacity is H-15. In accordance with DOT MOG 2405-1, the existing bridge meets the established criteria for replacement. State Route 100 is a two lane rural (24') roadway with a speed limit of 55 MPH. The base year traffic (2007) along this section of SR 100 is 5,600 VPD. The 20 year (2027) or design year volume is 10,000 VPD. The proposed design speed is 55 MPH.

The construction proposes to construct a new 150' x 44' concrete bridge over Walker Creek at the existing bridge site. The approaches will consist of two, 12' lanes with 8' rural shoulders (2" paved). Traffic will be maintained on the existing two lane bridge while a portion of the new bridge of roughly the same dimensions is constructed parallel to the existing structure. Traffic will be routed on the new structure. The remaining portion of the new bridge will be constructed after the demolition of the existing structure.

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)	\$1,261,000	\$1,500,000	2005	04-07
Right-of-Way	\$ 15,000	\$ 100,000		
Utilities*	\$ 151,000			

*LGPA to be sent.

Frank L. Danchetz

Page 2

STP-BRS-0692(25) Haralson

September 19, 2001

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

CWH:JDQ/cj

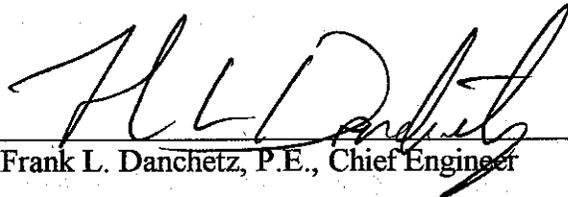
Attachment

CONCUR



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

APPROVE



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

SCORING RESULTS AS PER MOG 2440-2

Project Number: STP BRS-0692(25)		County: HARALSON		PI No.: 642380-	
Report Date: 8/24/01		Concept By: DOT Office: DISTRICT 6			
<input checked="" type="checkbox"/> CONCEPT		Consultant: N/A			
Project Type: Choose One From Each Column		<input type="checkbox"/> Major <input checked="" type="checkbox"/> Minor	<input type="checkbox"/> Urban <input checked="" type="checkbox"/> Rural	<input type="checkbox"/> ATMS <input checked="" type="checkbox"/> Bridge <input type="checkbox"/> Building <input type="checkbox"/> Interchange <input type="checkbox"/> Intersection <input type="checkbox"/> Interstate <input type="checkbox"/> New Location <input type="checkbox"/> Widening & Reconstruction <input type="checkbox"/> Miscellaneous	
FOCUS AREAS	SCORE	RESULTS			
Presentation	90%	Need and Purpose Statement does not adequately address the need for the bridge replacement.			
Judgement	80%	Alternates to the proposed stage constructed bridge not addressed.			
Environmental	100%				
Right of Way	100%				
Utility	100%				
Constructability	100%				
Schedule	100%				

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

AUG 28 2001

FILE: STP-BRS-0692 (25), Haralson County
P.I. No. 642380
Bridge Replacement on S.R. 100 over
Walker Creek

OFFICE: Cartersville, Georgia

DATE: August 24, 2001

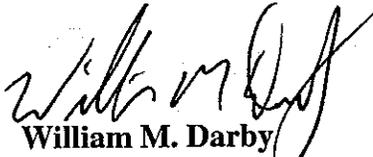
FROM: Kent L. Sager, District Engineer

TO: Wayne Hutto, Assistant Division Director of Preconstruction

SUBJECT: Project Concept Report

Attached is a copy of the concept report for the above mention project. Copies have been forwarded to the appropriate offices for review and comment.

If additional information is needed, please call William M. Darby at 770-387-3622. As always, your assistance is greatly appreciated.

By: 
William M. Darby
District Design Engineer

KLS/WMD/sbm
Attachments:

cc:
David Mulling
Marion Waters
Harvey Keepler
Marta Rosen
Herman Griffin
Paul Liles
Andy Rikard
File

STAGE 1/2

Project Concept Report
Project Number: STP-BRS-0692 (25)
P. I. Number: 642380
County: Haralson

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

PROJECT CONCEPT REPORT

Project Number: STP-BRS-0692 (25)
County: Haralson
P. I. Number: 642380

Federal Route Number: none
State Route Number: 100

Bridge Replacement on State Route 100
over Walker Creek

Recommendation for approval:

DATE 8-23-2001

Curtis D. Corn

Project Manager

DATE 8/23/01

Paul J. Soy

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~~ the State Transportation Improvement Program (STIP).

JDOP
9/5/2001

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE _____

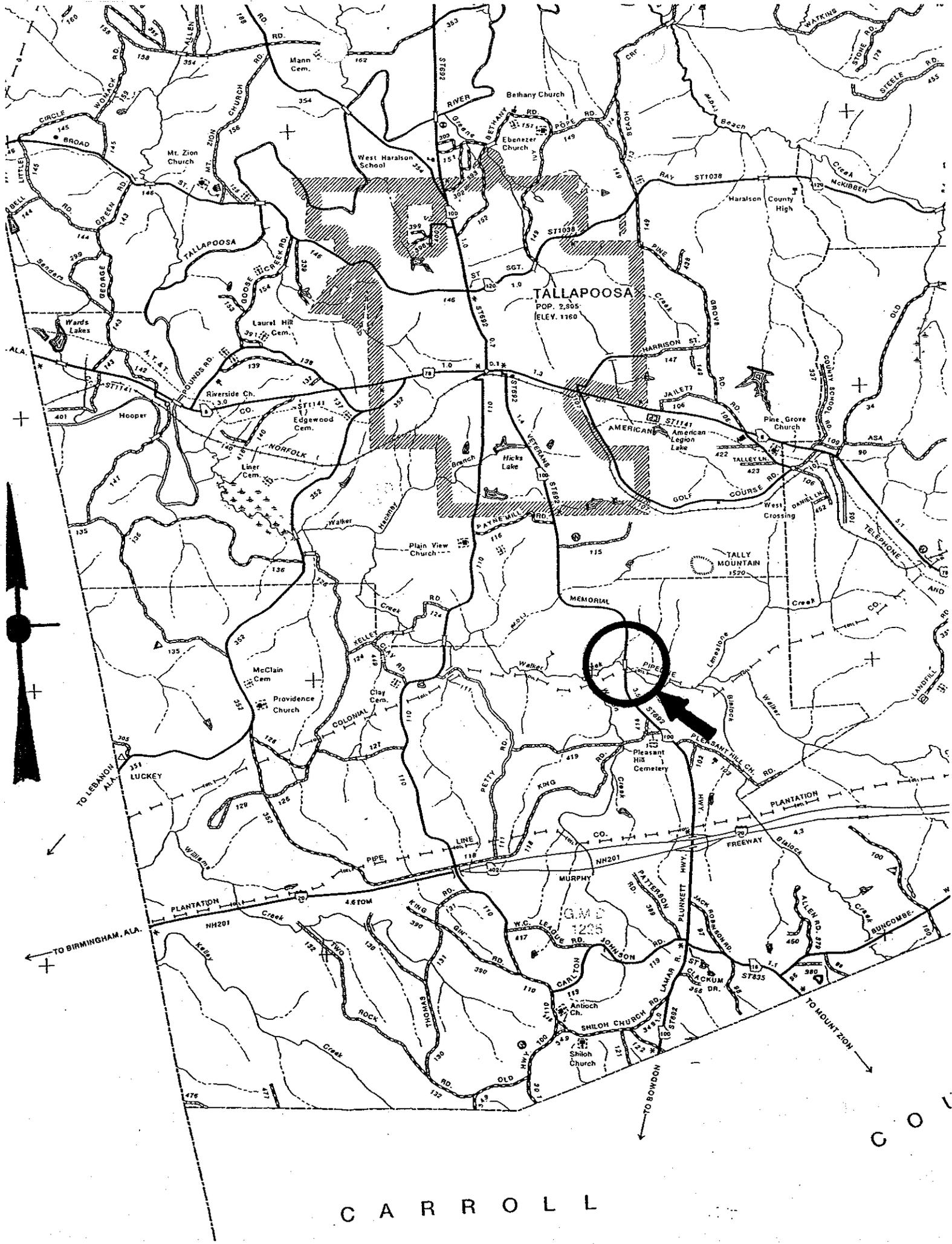
State Traffic Operations Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge Engineer



TALLAPOOSA
POP. 2,305
ELEV. 1,160



CARROLL

Project Concept Report
Project Number: STP-BRS-0692 (25)
P. I. Number: 642380
County: Haralson

Need and Purpose: This project is the replacement of a narrow and structurally deficient bridge on State Route 100 over Walker Creek, 3 miles south of Tallapoosa, Georgia.

Description of the proposed project: This project is a bridge replacement at MP 3.63 on State Route 100 over Walker Creek. The existing bridge is 150 ft. by 23.8 ft. concrete and steel bridge. The proposed bridge shall be approximately 150 ft. by 44 ft. concrete and steel. The project shall begin approximately 1000' south of bridge and continue to approximately 1100' north of bridge for a project length of approximately 0.43 miles.

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

PDP Classification: Minor

FEDERAL OVERSIGHT : Full Oversight (), Exempt (X), State Funded (), or Other ()

Functional Classification: Rural Major Collector

U. S. Route Number(s): None

State Route Number(s): 100

Traffic (AADT):

Current Year: (2007) 5600

Design Year: (2027) 10100

Existing design features:

- Typical Section: 2 – 12 ft. lanes with variable rural shoulders.
- Posted speed: 55 mph Maximum degree of curvature: +/- 6 degrees
- Maximum grade: +/- 6 %
- Width of right of way: 80 ft.
- Major structures: 150 ft. X 23.8 ft. concrete bridge with a sufficiency rating of 64.6
Bridge I.D. # 143-001000-003.63N
- Major interchanges or intersections along the project: None
- The beginning MP shall be approximately 3.46 and the ending MP shall be approximately 3.89.

H-15
DESIGN TO
BE REPLACED
JDL
= 9/11/200

Proposed Design Features:

- Proposed typical section(s): 2 – 12 ft. lanes with 8 ft. rural shoulders.
- Proposed Design Speed Mainline: 55 mph
- Proposed Maximum grade Mainline: 6% Maximum grade allowable 6 %.
- Proposed Maximum grade driveway: 25 %
- Proposed Maximum degree of curve: 6 degrees. Maximum degree allowable 6 degrees.
- Right of way:
 - Width: 100 feet.
 - Easements: Temporary (X), Permanent (), Utility (), Other ().
 - Type of access control: Full (), Partial (), By Permit (X), Other ().
 - Number of parcels: 4 Number of displacements: 0

Project Concept Report
 Project Number: STP-BRS-0692 (25)
 P. I. Number: 642380
 County: Haralson

- Business: None
- Residences: None
- Mobile homes: None
- Other: _____

- Structures:
 - Bridges: 150' X 44' concrete & steel bridge, ID # 143-001000-003.63N
 - Retaining walls: None
- Major intersections and interchanges: None
- Traffic control during construction: This road will be constructed under traffic, utilizing stage construction.
- Design Exceptions to controlling criteria anticipated:

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

- Design Variances: None
- Environmental concerns: 404 Permit
- Level of environmental analysis:
 - Are Time Savings Procedures appropriate? Yes (X), No () ,
 - Categorical exclusion (X),
 - Environmental Assessment/Finding of No Significant Impact (FONSI) () , or
 - Environmental Impact Statement (EIS) () .
- Utility involvements: Carroll EMC, Bell South, Colonial Pipeline Co., City of Tallapoosa

Project responsibilities:

- Design, GDOT
- Right of Way Acquisition, GDOT
- Relocation of Utilities, Haralson County
- Letting to contract, GDOT
- Supervision of construction, GDOT
- Providing material pits, GDOT contractor

Coordination

- Concept meeting date and brief summary. See attachment.
- FEMA & USCG
- Public involvement.
- Local government comments.
- Other projects in the area. STP-1038 (3)
- Other coordination to date.

• FUTURE PASSENGER RAIL CORRIDOR YES _____ NO X

Project Concept Report
Project Number: STP-BRS-0692 (25)
P. I. Number: 642380
County: Haralson

Scheduling – Responsible Parties’ Estimate

- Time to complete the environmental process: 6 Months.
- Time to complete preliminary construction plans: 4 Months.
- Time to complete right of way plans: 2 Months.
- Time to complete the Section 404 Permit: Concurrent with Environmental
- Time to complete final construction plans: 6 Months.
- Time to complete to purchase right of way: 6 Months.
- List other major items that will affect the project schedule: N/A

Other alternates considered: No Build

Comments: None

Attachments:

1. Cost Estimates:
 - a. Construction including E&C,
 - b. Right of Way, and
 - c. Utilities.
2. Sketch location map,
3. Typical sections,
4. Bridge inventory,
5. Minutes of Initial Concept and Concept meetings,
6. Location and Design Notice.

Concur: _____
Director of Preconstruction

Approve: _____
Chief Engineer

JDel
9/5/2001

PRELIMINARY COST ESTIMATE

DATE: May 24, 2001

PROJECT: STP-BRS-0692 (25), Haralson County

P.I. NO.: 642380

PROJECT DESCRIPTION: This project consists of replacing a narrow and structurally deficient bridge on State Route 100 over Walker Creek, 3 miles south of Tallapoosa, at mile post 3.63.

PROPOSED CONCEPT

EXISTING ROAD (If Applicable): 2 - 12 ft. lanes with variable rural shoulders.

TRAFFIC: 2007 ADT = 5600 2027 ADT = 10100

PROGRAMMING PROCES CONCEPT DEVELOPMENT DURING PROJECT DEVELOPMENT

PROJECT COST

A. RIGHT OF WAY

See Attached R/W Cost Estimate

B. REIMBURSABLE UTILITIES

See Attached Utilities Cost Estimate

C. MAJOR STRUCTURES

- 1. WALLS \$ 0.00
- 2. BRIDGE STREAM CROSSINGS \$ 620000.00
- 3. BRIDGE OVER/UNDERPASS \$ 0.00
- 4. BOX CULVERTS \$ 30000.00

SUBTOTAL \$ 650000.00

D. GRADING AND DRAINAGE		
1. EARTHWORK		
15000 Cu. Yds. @ \$3.00 Yd.		\$ 45000.00
2. DRAINAGE		
a. Cross drain pipes (exc. box culverts)		\$ 4680.00
24' of 30" Pipe @ \$45/ft and 2 end section @ \$1800/each		
b. Curb and Gutter		\$ 0.00
c. Longitudinal System (incl. Catch Basins)		\$ 0.00
	SUBTOTAL	\$ 49680.00
E. BASE AND PAVING		
1. AGGREGATE BASE		\$ 55000.00
2200 tons @ \$25/ton		
2. ASPHALT PAVING		\$ 108000.00
2400 tons @ \$45/ton		
3. CONCRETE PAVING		\$ 0.00
4. OTHER		\$ 30000.00
	SUBTOTAL	\$ 193000.00
F. LUMP ITEMS		
1. TRAFFIC CONTROL		\$ 50000.00
2. CLEARING AND GRUBBING		\$ 7000.00
2 acres @ \$3500/acre		
3. LANDSCAPING		\$ 10000.00
4. EROSION CONTROL		\$ 30000.00
5. DETOURS (Incl. Temp. Bridges)		\$ 0.00
	SUBTOTAL	\$ 97000.00
G. MISCELLANEOUS		
1. LIGHTING		\$ 0.00
2. SIGNING - STRIPING		\$ 20000.00
3. GUARDRAIL		\$ 22500.00
4. OTHER		\$ 10000.00
	SUBTOTAL	\$ 52500.00
H. SPECIAL FEATURES	SUBTOTAL	\$ 0.00

ESTIMATE SUMMARY

- A. RIGHT OF WAY See Attached R/W Cost Estimate
- B. REIMBURSABLE UTILITIES See Attached Utilities Cost Estimate

CONSTRUCTION COST SUMMARY

C. MAJOR STRUCTURES	\$ 650,000.00
D. GRADING AND DRAINAGE	\$ 49,680.00
E. BASE AND PAVING	\$ 193,000.00
F. LUMP ITEMS	\$ 97,000.00
G. MISCELLANEOUS	\$ 52,500.00
H. SPECIAL FEATURES	\$ 0.00
SUBTOTAL CONSTRUCTION COST	\$ 1,042,180.00
E & C (10%)	\$ 104,218.00
INFLATION (5% PER YEAR FOR 2 YEARS)	\$ 106,823.00
TOTAL CONSTRUCTION COST	\$ 1,253,221.00

Right of Way Cost Estimate

STP-BRS-0692 (25), Haralson County

P.I. NO.: 642380

Existing R/W = 80 Ft.

Required R/W = 100 Ft.

Approximately 1.5 acres of required R/W

1.5 acres times \$10,000 (per acre) = \$ 15,000.00

Total R/W Cost = \$ 15,000.00

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 143-0007-0 Haralson SUFF. RATING 64.50

Location & Geography

Structure I.D.No: 143-0007-0
 200 Bridge Information 07
 6A Feature Int: WALKER CREEK
 6B Critical Bridge: 0
 7A Route Number Carried: SR00100
 7B Facility Carried: SR 100
 9 Location: 3 MI S OF TALLAPOOSA
 2 DOT District: 6
 207 Year Photo: 1998

91 Inspection Frequency: 24 Date: 01/04/2000
 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: 00100
 Direction: 0
 16 Latitude: 33-42.4 MMS Prefix: SR
 17 Longitude: 85-16.4 MMS Suffix: 00 MP: 3.63
 98 Border Bridge: 000 %Shared: 00
 99 ID Number: 0000000000000000

100 STRAHNET: 0
 12 Base Highway Network: 0
 13A LRS Inventory Route:
 13B Sub Inventory Route:
 101 Parallel Structure: N
 102 Direction of Traffic: 2
 264 Road Inventory Mile Post: 003.58
 208 Inspection Area: 09 Initials: WBR

Engineer's Initial:
 Location I.D. No.: 143-00100D-003.63N

Signs & Attachments

* 104 Highway System:	0								
* 26 Functional Classification:	07								
* 204 Federal Route Type:	S	No.:	00692						
* 105 Federal Lands Highway:	0								
* 110 Truck Route:	0								
206 School Bus Route:	1								
217 Benchmark Elevation:	0000.00								
218 Datum:	0								
* 19 Bypass Length:	05								
* 20 Toll:	3								
* 21 Maintenance:	01								
* 22 Owner:	01								
* 31 Design Load:	2								
37 Historical Significance:	5								
205 Congressional District:	07								
27 Year Constructed:	1954								
106 Year Reconstructed:	0000								
33 Bridge Median:	0								
34 Skew:	00								
35 Structred Flared:	0								
38 Navigation Control:	0								
213 Special Steel Design:	0								
267 Type of Paint:	5								
* 42 Type of Service on:	1								
	Under:								
214 Movable Bridge:	0								
203 Type Bridge:	A-O-M-O								
259 Pile Encasement:	3								
* 43 Structure Type Main:	4	02							
45 No. Spans Main:	005								
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								
	Membrane:	0							
	Protection:	0							

STP-BRS-0692(25) HARALSON

Report Date: 9/12/01

SIA-1

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 143-0007-0 Haralson Year: 1998 Suff. Rating: 64.50

Programming Data

201 Project No.: S-0692 (7)
 202 Plans Available: 1
 249 Prop. Proj. No. STP-BRS-0692 (25)
 250 Approval Status: 0000
 251 P.I. No.: 642380-
 252 Contract Date: 02/01/2005
 260 Seismic No.: 00007
 75 Type Work: 34 1
 94 Bridge Imp. Cost: \$ 163
 95 Roadway Imp. Cost: \$ 48
 96 Total Imp Cost: \$ 280
 76 Imp. Length: 000359
 97 Imp. Year: 1990
 114 Future ADT: 006000 Year: 2018

Measurements

* 29 ADT: 004000 Year: 1998
 109 % Trucks: 9
 * 28 Lanes On: 02 Under: 00
 210 No. Tracks On: 00 Under: 00
 * 48 Max. Span Length: 0030
 * 49 Structure Length: 150
 51 Br. Rwdy. Width: 23.80
 52 Deck Width: 29.50
 * 47 Tot. Horz. Cl: 23.80
 50 Curb/Sdewlk Width: 2.20/2.20
 32 Approach Rdwy Width: 024
 * 229 Shoulder Width:
 Rear Lt: 6.00 Type: 8 Rt: 6.00
 Fwd Lt: 6.00 Type: 8 Rt: 6.00
 Pavement Width:
 Rear: 24.00 Type: 2
 Fwd: 24.00 Type: 2
 Intersection Rear: 0 Fwd: 0
 36 Safety Features Br. Rail: 2
 Transition: 2
 App. G. Rail: 1
 App. Rail End: 1
 53 Minimum Cl. Over:
 Under: N
 99 ' 99 " 99 ' 99 "
 00 ' 00 " 00 ' 00 "
 * 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: 6.80
 Deck Thick Approach: 0.00
 246 Overlay Thickness: 0.00
 212 Year Last Painted: Sup: 1997 Sub: 0000

Ratings

65 Inventory Rating Method: 2
 63 Inventory Rating Method: 2
 66 Inventory Type: 2 Rating: 23
 64 Operating Type: 2 Rating: 37
 231 Calculated Loads
 H-Modified: 20 0
 HS-Modified: 25 0
 Type 3: 27 0
 Type 3s2: 40 0
 Timber: 36 0
 Piggyback: 40 0
 261 H Inventory Rating: 15
 262 H Operating Rating: 21
 67 Structural Evaluation: 5
 58 Deck Condition: 6
 59 Superstructure Condition: 7
 * 227 Collision Damage: 0
 60A Substructure Condition: 7
 60B Scour Condition: 7
 60C Underwater Condition: N
 71 Waterway Adequacy: 9
 61 Channel Protection Cond: 6
 68 Deck Geometry: 2
 69 UnderClr. Horz/Vert: N
 72 Appr. Alignment: 8
 62 Culvert: N

Hydraulic Data

215 Waterway Data
 Highway Elev.: 0000.0 Year: 1900
 Avg. Streambed Elev.: 0000.0 Freq.: 00
 Drainage Area: 00000
 Area Of Opening: 000000
 113 Scour Critical: 6
 216 Water Depth: 04.0 Br. Height: 14.0
 222 Slope Protection: 1
 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
 * 265 U/W Insp. Area: 0 Diver: ZZZ

Posting Data

70 Bridge Posting Required: 5
 41 Struct Open, Posted, Cl: A
 * 103 Temporary Structure: 0
 232 Posted Loads H-Modified: 00
 HS-Modified: 00
 Type 3: 00
 Type3s2: 00
 Timber: 00
 Piggyback: 00
 253 Notification Date 02/01/1901
 253 Fed Notify Date: 02/01/1901 0

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE STP-0692 (25) Haralson Co.
P.I. 642380

OFFICE Cartersville

DATE May 18, 2001

FROM Kerry D. Bonner
District Utilities Engineer

TO DeWayne Comer
District Pre Construction Engineer

ATTN William Darby

SUBJECT PRELIMINARY UTILITY COST ESTIMATE

As requested by your office, we are furnishing you with a Preliminary Utility Cost estimates for each utility with facilities potentially located within the project limits.

FACILITY OWNER	NON-REIMBURSABLE	REIMBURSABLE	LOCAL GOVT. COST
Carroll EMC	\$14,446.08		
Atlanta Gas Light Co.	No Facilities		
BellSouth	\$11,764.00		
Comcast Cable TV	No Facilities		
Colonial Pipeline Co.		\$151,107.01	
City of Tallapoosa			\$85,000.00
Totals	\$26,210.08	\$151,107.01	\$85,000.00

Total Preliminary Utility Cost Estimate \$262,317.09

If you have any questions, please contact Royce Turner at 770-387-3615.

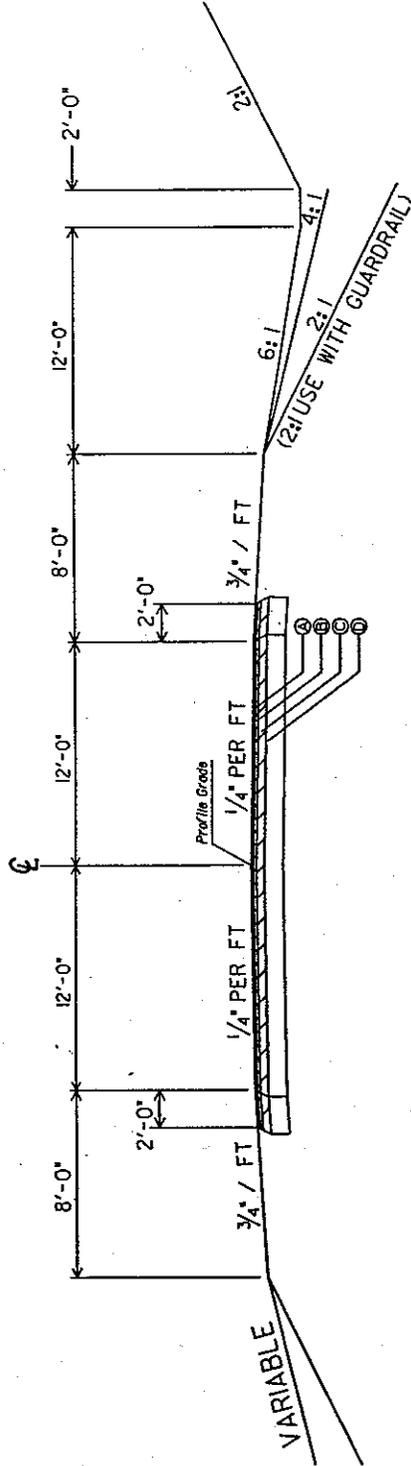
KDB/RET/rt

**C: Jeff Baker, State Utilities Engineer;
Herman Griffin, Office of Programming;
Don Clerici, Area Engineer
File/Estimating Book**

STATE	PROJECT NUMBER	SECTION
GA.	51P-BGS-0632 (25)	100

TYPICAL SECTION

STATE ROUTE 100
NO SCALE



Information from Bridge Inventory

Bridge on State Route 100 over Walker Creek at M. P. 3.58

I.D.#: 143-00100D-003.63N

Ser.#: 143-0007-0

Steel beams with 6.8" concrete slab deck.

Condition: Good to Fair

Length: 150 ft. X 23.8 ft.

Suff. Rating: 64.6

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

Concept Team Meeting

Project: STP-BRS-0692(25) Haralson County
PI No.: 642380

Date: 08-13-2001
Meeting Date: 07-30-2001

Meeting Roster:

William Darby	District 6 Design
Harlan Conley	District 6 Location
Denver Poole	Local Government R/W Coordinator
Royce Turner	District 6 Utilities
Kathy Spradley	District Environmental
Brent Beck	District 6 Design
Stanley McCarley	District 6 Design
Bob Brown	District 6 Design
Don Clerici	Area 5 Engineer

Comments: A concept team meeting was held at the project site on 07-30-2001. The project was discussed with the following comments.

This project is the replacement of the existing bridge on SR 100 at Walker Creek in Haralson County.

Construction: There should not be any unusual problems associated with the construction of this bridge.

Utilities: The existing utilities on this project are Carroll EMC, Atlanta Gas, BellSouth, Comcast Cable, Colonial Pipeline and City of Tallapoosa.

Rights of Way: The Department will be responsible for acquiring Rights of Way for this project. (4 parcels.)

Estimate: The estimate for this project is satisfactory.

Traffic: Traffic will be maintained during construction using stage construction.

Environmental: Level of environmental analysis: Categorical Exclusion expected.

Bridge Site

- 1. The required bridge will be approximately 44 ft. x 150 ft.**
- 2. The new bridge will be Constructed to the west of the existing bridge using stage construction as follows: Construct ½ of the new bridge and move traffic; remove existing bridge and construct remaining portion of bridge.**
- 3. The bridge should span the creek, and all construction activities should avoid the creek.**
- 4. Mr. Charles Thompson (a local property owner) was at the project site and said that he did not support this project, unless a large pipe and ditch was added to drain the water from his property.**

NOTICE OF LOCATION AND DESIGN APPROVAL

STP-BRS-0692 (25) Haralson County
P.I. 642380

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.

This project consists of Bridge Replacement on S. R. 100 over Walker Creek in Haralson County, in GMD 1225, and in Land Lots 99 and 100, 8th District.

Date of Location and Design approval:

This project will be the Replacement of the existing bridge on S.R.100 over Walker Creek in Haralson County.

Drawings or maps of the proposed project as approved are on file and are available for inspection at the Georgia Department of Transportation, 500 Joe Frank Harris Parkway, Cartersville, Georgia, 30120. Or, any interested party may obtain a copy of the drawings, maps of plats by writing to the Georgia Department of Transportation, No. 2 Capitol Square, Atlanta, Georgia, 30334, and paying a nominal cost therefor.

Any written request in reference to this Notice SHOULD include the PROJECT AND P.I. NUMBER AS NOTED AT THE TOP OF THIS NOTICE, and may be referred to:

Curtis DeWayne Comer
Preconstruction Office
500 Joe Frank Harris Parkway
Cartersville, Georgia 30120
770-387-3619

Project Concept Report
Project Number: STP-BRS-0692 (25)
P. I. Number: 642380
County: Haralson

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

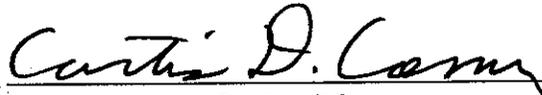
Project Number: STP-BRS-0692 (25)
County: Haralson
P. I. Number: 642380

Federal Route Number: none
State Route Number: 100

Bridge Replacement on State Route 100
over Walker Creek

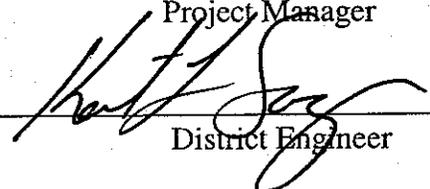
Recommendation for approval:

DATE 8-23-2001



Project Manager

DATE 8/23/01



District Engineer

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

DATE 8/29/01



State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Operations Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge Engineer

Project Concept Report
Project Number: STP-BRS-0692 (25)
P. I. Number: 642380
County: Haralson

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

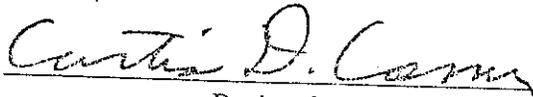
Project Number: STP-BRS-0692 (25)
County: Haralson
P. I. Number: 642380

Federal Route Number: none
State Route Number: 100

Bridge Replacement on State Route 100
over Walker Creek

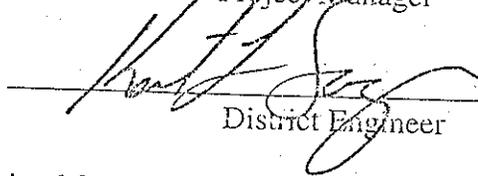
Recommendation for approval:

DATE 8-23-2001



Project Manager

DATE 8/23/01



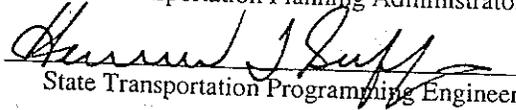
District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE 8/30/01



State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Operations Engineer

DATE _____

Project Review Engineer

DATE _____

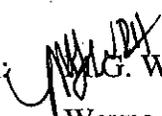
State Bridge Engineer

Department of Transportation
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE

File: STP - BRS - 0692 (25) / Haralson County
P.I. No. 642380

Office: Traffic Operations
Atlanta, Georgia
Date: August 29, 2001

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 above referenced concept report for the replacement of the structurally deficient bridge on SR 100 over Walker Creek. This project is located south of Tallapoosa.

The existing structure is 24 feet wide with a sufficiency rating of 64.6. The concept proposes to construct a new structure 44 feet wide for the two-lane roadway. The current ADT is 5600 vehicles and the design year ADT is projected to be 10,100 vehicles. The proposed bridge width is in accordance with MOG 4265-10 for this type of roadway.

We believe this concept will improve safety and traffic operations within this area, therefore find this report satisfactory for approval.

MGW/BM

Attachment (signature page)

Cc: Harvey Keeper, State Environment/Location Engineer
Kent Sager, District Engineer - Cartersville
Attention: William Darby, 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

Project Concept Report
Project Number: STP-BRS-0692 (25)
P. I. Number: 642380
County: Haralson

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

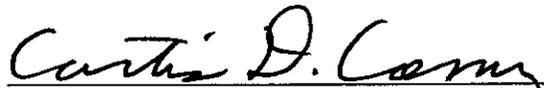
Project Number: STP-BRS-0692 (25)
County: Haralson
P. I. Number: 642380

Federal Route Number: none
State Route Number: 100

Bridge Replacement on State Route 100
over Walker Creek

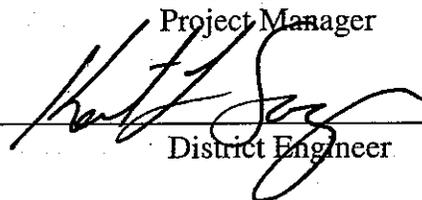
Recommendation for approval:

DATE 8-23-2001



Project Manager

DATE 8/23/01



District Engineer

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State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

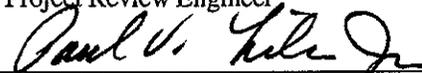
DATE _____

State Traffic Operations Engineer

DATE _____

Project Review Engineer

DATE 9/11/01



State Bridge Engineer

Project Concept Report
Project Number: STP-BRS-0692 (25)
P. I. Number: 642380
County: Haralson

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

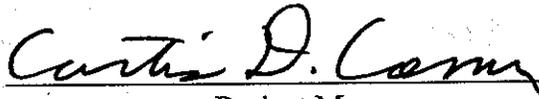
Project Number: STP-BRS-0692 (25)
County: Haralson
P. I. Number: 642380

Federal Route Number: none
State Route Number: 100

Bridge Replacement on State Route 100
over Walker Creek

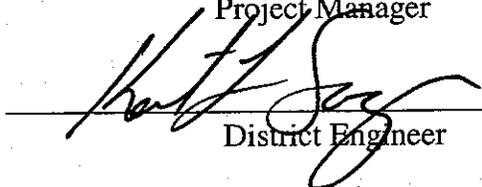
Recommendation for approval:

DATE 8-23-2001



Project Manager

DATE 8/23/01



District Engineer

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

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State Transportation Planning Administrator

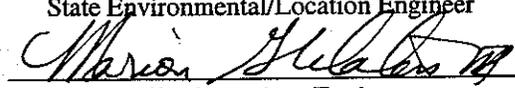
DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE 08/31/01



State Traffic Operations Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge Engineer

Project Concept Report
Project Number: STP-BRS-0692 (25)
P. I. Number: 642380
County: Haralson

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

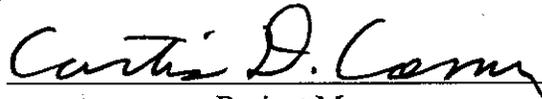
Project Number: STP-BRS-0692 (25)
County: Haralson
P. I. Number: 642380

Federal Route Number: none
State Route Number: 100

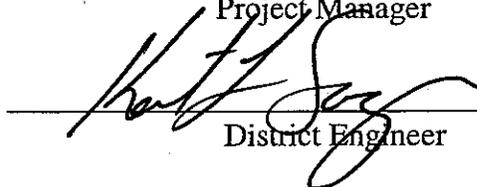
Bridge Replacement on State Route 100
over Walker Creek

Recommendation for approval:

DATE 8-23-2001


Project Manager

DATE 8/23/01


District Engineer

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State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

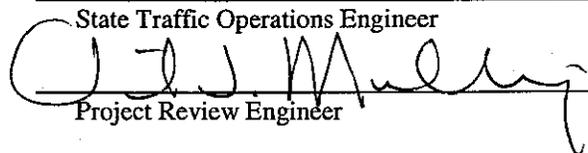
DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Operations Engineer

DATE 9/7/01


Project Review Engineer

DATE _____

State Bridge Engineer