

ORIGINAL TO GENERAL FILES

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BR-0000-00(680) Elbert County **OFFICE** Preconstruction
P.I. No. 0000680
CWHutto **DATE** April 2, 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 Keeper
Jerry Hobbs
Herman Griffin
Michael Henry
Marion Waters
Marta Rosen
Paul Liles
Jimmy Chambers (ATTN: Ted Cashin)
Larry Dent

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE BR-0000-00(680) Elbert County **OFFICE** Preconstruction
P.I. No. 0000680 **DATE** March 22, 2001

C. Wayne Hutto

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 CR 37/Eliam Road over Wahachee Creek, 5.0 miles south of Middleton, Georgia. The existing bridge, 33' x 10', consists of a single span steel truss and wood deck with a sufficiency rating of 11. The existing approaches consist of a two lane rural 18' dirt roadbed. County Road 37/Eliam Road is a connector route from SR 17 to the Middleton area. Traffic is projected to be 50 VPD and 90 VPD in the years 2006 and 2026 respectively. The posted speed and the design speed are 45 MPH.

The construction proposes to construct a new 50' x 30' concrete bridge over Wahachee Creek at the existing bridge site. The approaches will consist of two, 12' asphalt lanes with 6' rural shoulders. The existing road will be closed and traffic detoured during construction utilizing existing roads.

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)	\$378,000	\$256,000	2004	FY-04
Right-of-Way & Utilities*	Local	Local		

*LGPA sent 4-11-00 requesting Elbert County be responsible for right-of-way, utilities, detours, and 10% of construction costs.

Frank L. Danchetz

Page 2

BR-0000-00(680) Elbert

March 22, 2001

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

CWH:JDQ/cj

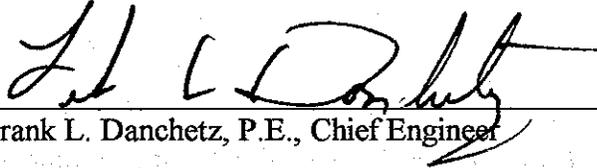
Attachment

CONCUR



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

APPROVE



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

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE

FILE: BR-0000-00(680) Elbert
P.I. Number 0000680

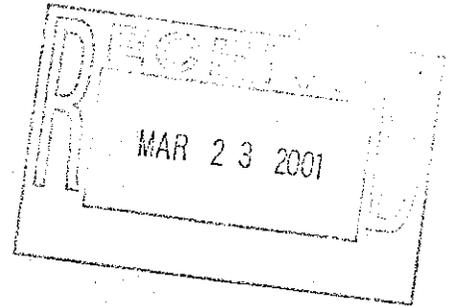
OFFICE: Atlanta, Georgia

DATE: March 23, 2001

FROM: David Mulling, ^{DM} Project Review Engineer

TO: Wayne Hutto, Assistant Director of Pre-construction

SUBJECT: CONCEPT REPORT



We have reviewed the concept report submitted March 15, 2001 by the letter from Todd Long dated March 14, 2001, and have the following comment.

1. A bridge culvert can function hydraulically as well as the proposed 50 foot long bridge, and should be considered as part of the required hydraulic study.

The costs for the project are:

Construction	\$299,000
Inflation	\$ 45,000
E&C	\$ 34,000
Reimbursable Utilities	\$ 0
Right of Way	\$ 20,000

DTM

c: Todd Long – District 1 Preconstruction

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District One

PROJECT CONCEPT REPORT

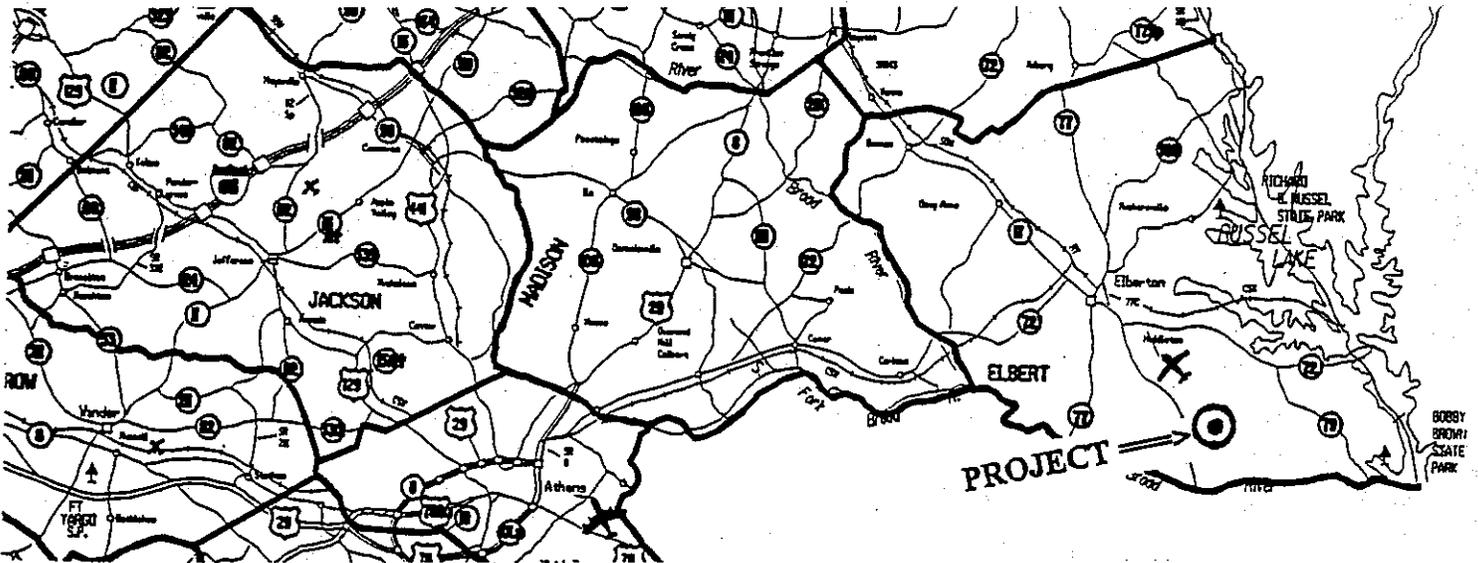
Project Number: BR-0000-00(680)

County: ELBERT

P. I. Number: 0000680

Federal Route Number: N/A

County Route Number: 37



Recommendation for approval:

DATE 3/14/01

DATE 3/15/01

[Signature]
Project Manager
[Signature]
Office Head/District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Operations Engineer

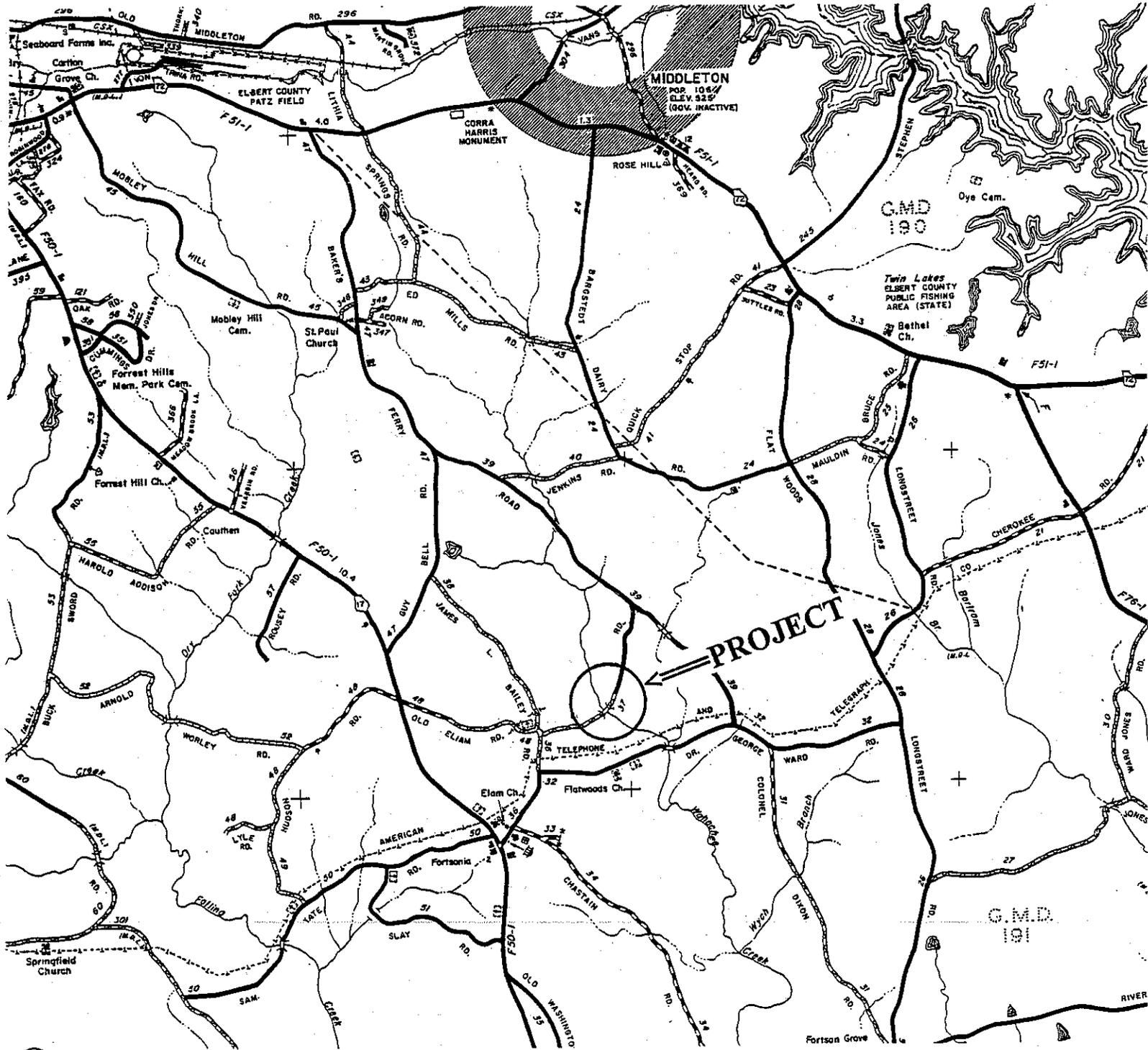
DATE _____

Project Review Engineer

DATE _____

State Bridge & Structural Engineer

Project Concept Report page 2
Project Number: BR-0000-00(680)
P. I. Number: 0000680
County: Elbert



LOCATION MAP

Project No.: BR-0000-00(680), Elbert County

Project Concept Report page 3 _____
Project Number: BR-0000-00(680)
P. I. Number: 0000680
County: Elbert

Need and Purpose: CR 37 is a connector route from SR17 to the Middleton area and serves several residences. Elbert County has plans to finish paving the existing roadway. This will provide faster access for the present fire department approximately one mile away. The existing bridge has a sufficiency rating of 11.5 and is considered deficient. The Office of Bridge Design has determined that any structure that has a rating of less than 50 should be replaced rather than improved.

Description of the proposed project: Project BR-0000-00(680), Elbert County proposes to replace the existing bridge on CR 37/ Eliam Road over Wahachee Creek. The bridge is located 5 miles south of Middleton. The project proposes to construct a new bridge over Wahachee Creek.

PROJECT LENGTH : 0.20 miles

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

PDP Classification:

Full Oversight (), Exempt(**X**), State Funded(), or Other ()

Functional Classification: Local Roads _____

COUNTY Route Number(s): 37 _____

State Route Number(s): N/A _____

Traffic (AADT):

Current Year: (2006) 50 _____ Design Year: (2026) 90 _____

Existing design features:

- Typical Section: Two lane rural 18' gravel roadway.
- Posted speed 45 mph
- Width of right of way: Prescriptive (ditch to ditch by County Road Dept.)
- Major Structure: Single Span Wood Deck
SUFF. RATING: 11.5
LENTH: 33 feet
WIDTH: 10 feet
FEATURE INTERSECTED: Wahachee Creek

Project Concept Report page 4
 Project Number: BR-0000-00(680)
 P. I. Number: 0000680
 County: ELBERT

Proposed Design Features:

- Proposed typical section(s): Two 12' travel lanes with 6' shoulders. Typical Section attached.
- Proposed Design Speed Mainline 45 mph
- Proposed Maximum grade Mainline 6 %
- Proposed Maximum degree of curve 6%
- Right of way
 - Width: min. 100 feet _____.
 - Easements: Temporary (), Permanent (), Utility (), Other ().
 - Type of access control: Full (), Partial (), By Permit (X), Other ().
 - Number of parcels: 4 Number of displacements:
 - Business: 0 _____
 - Residences: 0 _____
 - Mobile homes: 0 _____
 - Other: _____
- Structures: The proposed bridge will be 30'-0" wide, consisting of two 12'-0" travel lanes and 2'-0" shoulders. The bridge is proposed to be 50' long. The proposed bridge will be constructed in a curve, therefore the Office of Bridge Design recommends on Local Roads the minimum width be 30'-0".
- Traffic control during construction: Road to be closed..
- 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: Section 404

Project Concept Report page 5 _____
Project Number: BR-0000-00(680)
P. I. Number: 0000680
County: Elbert

- 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: *No Utilities known at this time.*

Project responsibilities:

- Design, — *GDOT*
- Right of Way Acquisition, — *ELBERT COUNTY*
- Relocation of Utilities, — *ELBERT COUNTY*
- Letting to contract, — *GDOT*
- Supervision of construction, — *GDOT*
- Providing material pits, — *ELBERT COUNTY*
- Providing detours. — *ELBERT COUNTY*

Coordination

- CONCEPT TEAM MEETING DATE: March 12, 2001
- P. A. R. METTING: Not Needed
- FEMA, USCG, and/or TVA: Not Needed
- Local government comments: LGPA for all utility relocations, right of way, detours, local borrow & waste pits and 10% of the construction cost..
- Other projects in the area: STP-0000-00(681)

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process: 9 Months.
- Time to complete preliminary construction plans: 6 Months.
- Time to complete right of way plans: 6 Months.
- Time to complete the Section 404 Permit: _____ Months.
- Time to complete final construction plans: 6 Months.
- Time to complete to purchase right of way: 6 Months.

Project Concept Report page 6
Project Number: BR-0000-00(680)
P. I. Number: 0000680
County: Elbert

Other alternates considered:

1. NO BUILD (Eliminated due to long term maintenance cost)
2. Construct new bridge on same alignment as existing bridge and build detour bridge. (Eliminated due to cost of detour bridge)
3. Close road, demolish existing bridge, and construct new bridge on existing alignment. (Selected due to low traffic volumes and cost of detour bridge.)
4. Construct a concrete bridge culvert. (Eliminated due to the large drainage area)

Comments: UNDERGROUND STORAGE TANKS: None Known
HAZARDOUS SITES: None Known

Attachments:

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

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: BR-0000-00(680)

COUNTY: Elbert

DATE: February 2001

ESTIMATED LETTING DATE: 2004

PREPARED BY: Tony R. Bradley

PROJECT LENGTH: 0.20 Miles

() PROGRAMMING PROCESS (X) CONCEPT DEVELOPMENT () DURING PROJECT DEV.

PROJECT COST	
A. RIGHT-OF-WAY:	
1. PROPERTY (LAND & EASEMENT)	\$ 20,000
2. DISPLACEMENTS; RES: 0, BUS: 0, M.H.: 0	\$ -
3. OTHER COST (ADM./COST, INFLATION)	\$ -
SUBTOTAL: A	\$ 20,000
B. REIMBURSABLE UTILITIES:	
1. RAILROAD	\$ -
2. TRANSMISSION LINES	\$ -
3. SERVICES	\$ -
SUBTOTAL: B	\$ -
C. CONSTRUCTION:	
1. MAJOR STRUCTURES	
a. BRIDGES	
Overpasses- Bridge A Wahachee Creek (30'X50') @ \$70/SF	\$ 105,000
Approach Slab - 200SY @ \$90/SY	\$ 18,000
SUBTOTAL: C-1.a	\$ 123,000
b. OTHER	
Walls	\$ -
Box Culverts	\$ -
Bridge Culverts (0)	\$ -
SUBTOTAL: C-1.b	\$ -
SUBTOTAL: C-1	\$ 123,000
2. GRADING AND DRAINAGE:	
a. EARTHWORK	
Grading Complete	\$ 40,000
b. DRAINAGE	
1) Cross Drain Pipe	\$ -
2) Curb and Gutter	\$ -
3) Longitudinal System (incl. catch basins)	\$ -
SUBTOTAL: C-2.b	\$ -
SUBTOTAL: C-2	\$ 40,000

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: BR-0000-00(680)

COUNTY: Elbert

DATE: February 2001

ESTIMATED LETTING DATE: 2004

PREPARED BY: Tony R. Bradley

PROJECT LENGTH: 0.20 Miles

() PROGRAMMING PROCESS (X) CONCEPT DEVELOPMENT () DURING PROJECT DEV.

PROJECT COST			
3. BASE AND PAVING:			
a. AGGREGATE BASE	2,150	- Tons @ \$18.00	\$ 38,700
b. ASPHALT PAVING (Mainline):			
Drainage - Type D	-	- Tons @ \$50.8	\$ -
Surface - SMA	-	- Tons @ \$54.93	\$ -
Surface - Superpave	280	- Tons @ \$42.56	\$ 11,917
Binder - SMA	-	- Tons @ \$56.9	\$ -
Binder - Superpave	360	- Tons @ \$38.43	\$ 13,835
Base - Superpave	530	- Tons @ \$34.63	\$ 18,354
Pavement Reinf. Fabric Strips	-		\$ -
SUBTOTAL: C-3.b			\$ 44,106
c. CONCRETE PAVING			
d. OTHER (Leveling, Tack Coat, Milling)			\$ -
SUBTOTAL: C-3			\$ 82,806
4. LUMP ITEMS			
a. GRASSING			\$ 4,000
b. CLEARING AND GRUBBING			\$ 10,000
c. LANDSCAPING			\$ -
d. EROSION CONTROL			\$ 10,000
e. TRAFFIC CONTROL			\$ 5,000
SUBTOTAL: C-4			\$ 29,000
5. MISCELLANEOUS:			
a. LIGHTING			
b. SIGNING - MARKING			\$ 2,000
c. GUARDRAIL			
Single-Faced			\$ 15,000
Double-Faced			\$ -
Anchors			\$ 6,800
SUBTOTAL: C-5.c			\$ 23,800
d. SIDEWALK			
e. MEDIAN / SIDE BARRIER			\$ -
f. MOVABLE BARRIER SECTION			\$ -
g. ACCESS FENCE			\$ -
h. BRIDGE JACKING			\$ -
i. APPROACH SLABS			\$ -
j. REMOVAL			
Concrete Paving			\$ -
Bridges			\$ -
SUBTOTAL: C-5.j			\$ -
k. ATMS Conduit			\$ -
l. OTHER			\$ -

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: BR-0000-00(680)

COUNTY: Elbert

DATE: February 2001

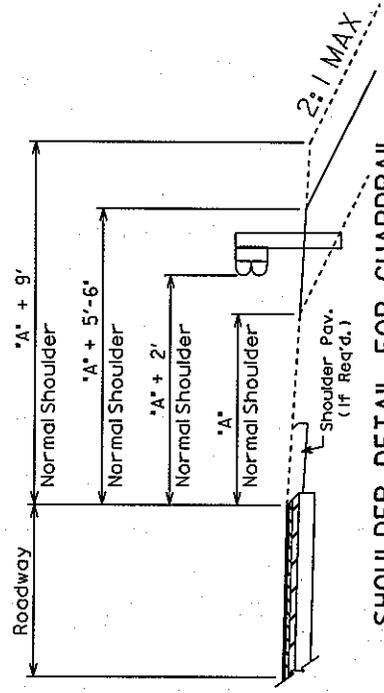
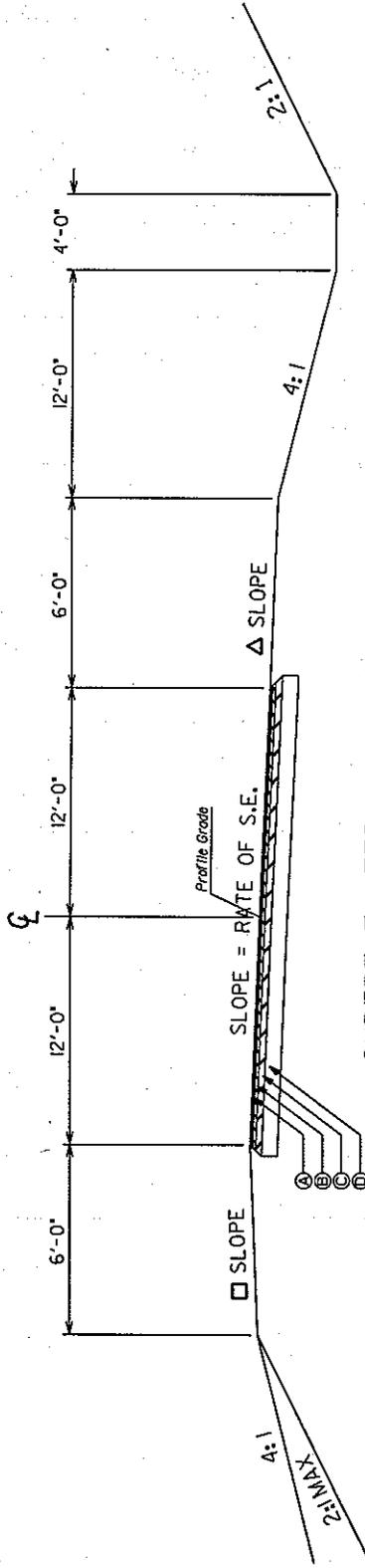
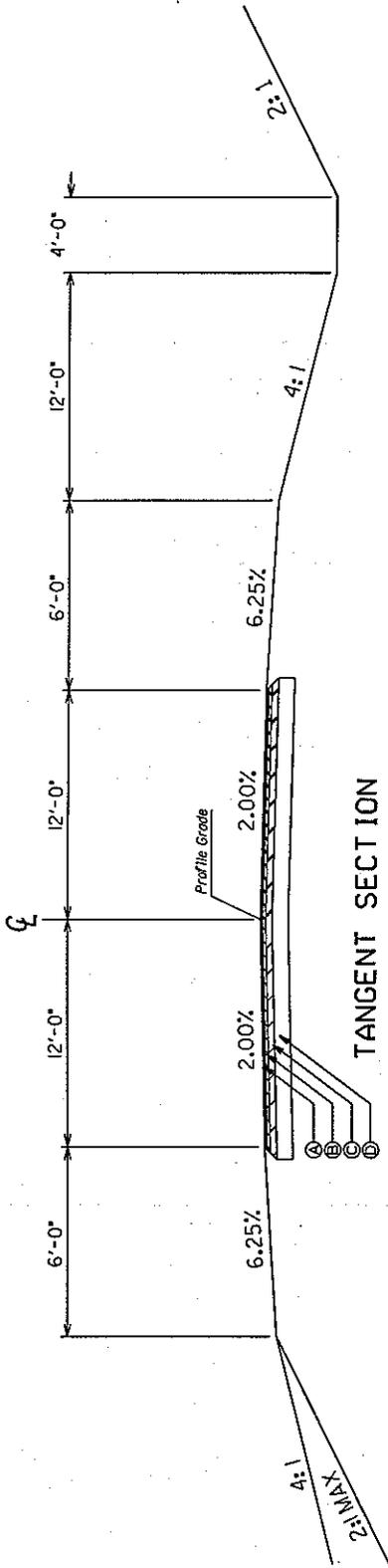
ESTIMATED LETTING DATE: 2004

PREPARED BY: Tony R. Bradley

PROJECT LENGTH: 0.20 Miles

() PROGRAMMING PROCESS (X) CONCEPT DEVELOPMENT () DURING PROJECT DEV.

PROJECT COST		
SUBTOTAL: C-5		\$ \$ 23,800.00
6. SPECIAL FEATURES		
SUBTOTAL: C-6		\$ -
SUMMARY		
A. RIGHT-OF-WAY	LOCAL	\$ 20,000
B. REIMBURSABLE UTILITIES	LOCAL	\$ -
C. CONSTRUCTION		
1. MAJOR STRUCTURES		\$ 123,000
2. GRADING AND DRAINAGE		\$ 40,000
3. BASE AND PAVING		\$ 82,806
4. LUMP ITEMS		\$ 29,000
5. MISCELLANEOUS		\$ 23,800
6. SPECIAL FEATURES		\$ -
SUBTOTAL CONSTRUCTION COST		\$ 298,606
E. & C. (10%)		\$ 29,861
INFLATION (5% PER YEAR)		\$ 44,791
NUMBER OF YEARS	3	
TOTAL CONSTRUCTION COST		\$ 373,257
GRAND TOTAL PROJECT COST		\$ 393,257



SEE PLAN FOR LOCATION

SEE GA STD 4051 OR 4052 FOR DETAILS

BR-0000-00(680) ELBERT CO.

P.I. NO. 0000680

TYPICAL SECTION

Department of Transportation State of Georgia

INTERDEPARTMENT CORRESPONDENCE

FILE BR-0000-00(680) Elbert County
P.I. 0000680

OFFICE Environment/ Location

DATE December 21, 2000

FROM Harvey D. Keeper, State Environmental/ Location Engineer

TO Larry Dent, P.E., District Engineer, Gainesville
Attn: Tony Bradley

SUBJECT CR 37/Horace Bond Road @ Wahachee Creek

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

2006 ADT = 50
2026ADT = 90
K = 15%
D = 60%
T = 1%
24 HR T = 3%
SU = 2%
COMB = 1%

If you have any questions concerning this information please contact
Teresa Williamson at (404)699-4456.

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure IL 05-5006-0

Elbert County

SUFF. RA. 3: 11.5

Programming Data

201 Project No: BUILT BY COUNTY
 202 Plans Available: 0
 249 Prop. Proj No: PR 37-2 (105) [BR-0000-00(480)]
 250 Approval Status: 0000
 251 P.I. No: 000000
 252 Contract Date: 0000
 260 Seismic No: 00000
 75 Type Work: 311
 94 Bridge Imp. Cost: \$ 68
 95 Roadway Imp. Cost: \$ 109
 96 Total Imp. Cost: \$ 197
 76 Imp. Length: 001386
 97 Imp. Year: 1990
 114 Future ADT: 000855 Year: 2018

Measurements

* 29 ADT: 000570 Year: 1998
 109 % Trucks: 1
 * 28 Lanes On: 01 Under: 00
 210 No. Tracks On: 00 Under: 00
 * 48 Max. Span Length: 0033
 * 49 Structure Length: 33
 51 Br. Rdwy. Width: 10.0
 52 Deck Width: 10.0
 * 47 Tot. Horz. Cl: 10.0
 50 Curb/Sdewlk Width: 0.0/0.0
 32 Approach Rdwy Width: 015
 * 229 Shlder Width:
 Rear Lt: 7.1 Type: 8 Rt: 7.7
 Fwrd Lt: 0.0 Type: 7 Rt: 0.0
 Pymnt Width:
 Rear: 20.5 Type: 2
 Fwrd: 15.1 Type: 7
 Intersection Rear: 0 Fwrd: 0
 36 Safety Features Br. Rail: 0
 Transition: 0
 App. G. Rail: 0
 App. Rail End: 0
 53 Minimum Cl. Over: 99' 99"
 Under: N 00' 00"
 * 228 Min. Vert. Cl
 Act. Odm. Dir: 99' 99"
 Oppo. Dir: 99' 99"
 Posted Odm. Dir: 00' 00"
 Oppo. Dir: 00' 00"
 55 Lateral Undercl. Rt: N 99.9
 56 Lateral Undercl. Lt: 0.0
 * 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: 0.0
 Deck Thick Approach: 0.0
 246 Overlay Thickness: 0.0
 211 Tons Structural Steel: 0.0
 212 Year Last Painted: Sup: 1958 Sub: 1958

Hydraulic Data

215 Waterway Data
 Highwater Elev: 0000.0 Year: 0000
 Flood Elev: 0000.0 Freq: 00
 Avg. Streambed Elev: 0000.0
 Drainage Area: 00000
 Area of Opening: 000000
 113 Scour Critical: 6
 216 Water Depth: 1.1 Br Height: 5.6
 222 Slope Protection: 1
 221 Spur Dikes Rear: 0 Fwrd: 0
 219 Fender System: 0
 220 Dolphin: 0
 223 Culvert Cover: 000
 Type: 0
 No Barrels: 0
 Width: 0.0
 Height: 0.0
 Length: 0
 Apron: 0
 * 265 U/W Insp. Area: 0 Diver: ZZZ

* Location I.D. No: 105-00037X-000.80S
 * XReferen I.D. No: 000-000000-000.000

Ratings

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: 5
 60B Scour Condition: 6
 60C Underwater Condition: N
 71 Waterway Adequacy: 2
 61 Channel Protection Cond: 5
 68 Deck Geometry: 3
 69 UnderClr. Horz/Vert: N
 72 Appr. Alignment: 4
 62 Culvert: N

Posting Data

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: 04/17/1995
 253 Fed Notify Date: 0000 0

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure IL 05-5006-0
 Location & Geography

Elbert county

SUFF. RA. 3: 11.5

* Structure I.D. No.: 105-5006-0
 200 Bridge Information: 06

* 6A Feature Int.: WAHACHEE CREEK
 * 6B Critical Bridge: 0
 * 7A Route Number Carried: CR00037
 * 7B Facility Carried: ELIJAM ROAD
 * 9 Location: 5 MI S OF MIDDLETON
 2 DOT District: 1
 207 Year Photo: 1999

* 91 Inspection Frequency: 24 Date: 03/02/1999
 92A Fract Crit Insp Freq: 0 00 Date: 0000
 92B Underwater Insp Freq: 0 00 Date: 0000
 92C Other Spc. Insp Freq: 0 00 Date: 0000

* 4 Place Code: 00000

* 5 Inventory Route (O/U): 1
 Type: 4
 Designator: 1
 Number: 00037
 Direction: 0

* 16 Latitude: 34-01.6
 * 17 Longitude: 82-46.0

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

* 100 Defense Highway: 0
 * 101 Parallel Structure: N
 * 102 Direction of Traffic: 3
 264 Road Inventory Mile Post: 000.80

* 208 Inspection Area: 01 Initials: GMC

* Location I.D. No: 105-00037X-000.80S
 * XReferen I.D. No: 000-000000-000.000

Signs & Attachments

* 104 Highway System: 0
 * 26 Functional Classification: 09
 * 204 Federal Route Type: 0 No: 000000
 * 110 Truck Route: 0
 206 School Bus Route: 0
 217 Benchmark Elevation: 0.00
 218 Datum: 0
 * 19 Bypass Length: 3
 * 20 Toll: 3
 * 21 Maintenance: 02
 * 22 Owner: 02
 * 31 Design Load: 0
 37 Historical Significance: 5
 205 Congressional District: 10
 * 27 Year Constructed: 1958
 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: 1

* 42 Type Service On: 1
 Under: 5

214 Movable Bridge: 00
 203 Type Bridge: W-M-M-I
 259 Pile Encasement: 3
 * 43 Structure Type Main: 3 02
 45 No. Spans Main: 001
 44 Structure Type Appr: 0.0
 46 No. Spans Appr: 0000
 226 Bridge Curve Horiz: 0 Vert: 0
 111 Pier Protection: 0
 107 Deck Structure Type: 8

108 Wearing Surface Type: 7
 Membrane: 0
 Protection: 0

223 Expansion Joint Type: 00
 242 Deck Drains: 0
 243 Parapet Location: 0
 Height: 0
 Width: 0
 238 Curb: 0.0 0
 239 Handrail: 0.0 0
 * 240 Median Barrier Rail: 0
 241 Bridge Median Height: 0
 Width: 0
 * 230 Guardrail Loc Dir Rear: 0
 Fwrd: 0
 Oppo Dir Rear: 0
 Fwrd: 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
 * 248 County Continuity No: 00

**CONCEPT TEAM MEETING MINUTES
BR-0000-00(680) Elbert County
CR 37/ Eliam Road over Wahachee Creek**

Attendees:

Tony R. Bradley, District 1 Location Engineer
Todd Long, District 1 Assistant District Engineer
Shane Dover, District Traffic Operations
Robbie Oliver, District 1 Utilities
Don Attaway, District 1 Design Engineer
Keith Deyton, District 1 Location
Morris Butler, Elbert County Public Works Director
Jack Dokter, Georgia Power

The meeting began at 9:00 AM on March 12, 2001 in the District Conference Room.

Tony R. Bradley gave an overview of the proposed project and the project schedule. The local representatives agreed with the project concept. County may have roadway paved in the next 3-5 years depending on growth in the area.

Don Attaway recommended changing the typical section to have 12'-0" travel lanes and a minimum bridge width of 30'-00" for a bridge in a curve.

Todd Long requested that the signature on the cover page only show one place for the District Engineer.

Georgia Power indicated they had no utilities in the project limits.

The County had no problems with closing the bridge during construction.

The meeting was adjourned at 9:30 AM.

1. Copy Tony Pritchett
2. Make Copy + file



Department of Transportation

State of Georgia
#2 Capitol Square, S.W.
Atlanta, Georgia 30334-1002
April 11, 2000

WAYNE SHACKELFORD
COMMISSIONER
(404)656-5206

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

STEVEN L. PARKS
DEPUTY COMMISSIONER
(404)656-5212

BILLY F. SHARP
TREASURER
(404)656-5224

Honorable Sallie Hood
Commission Chairman, ELBERT County
10 West Church Street
Elberton, Ga 30635

Dear Commission Chairman Hood:

SUBJECT: LOCAL GOVERNMENT PROJECT AGREEMENT

Project No. BR-0000-00(680) ELBERT CO. PI # 0000680
REPLACE BRIDGE CR 37/ELIAM ROAD @ WAHACHEE CREEK 5 MILES OF MIDDLETON

The Office of Programming has added the subject project to the Department's Construction Work Program. ELBERT County is requested to indicate support of this project by executing the attached Local Government Agreement and returning it to this office.

Any project not contained in the Transportation Improvement Plan (TIP) for your area and/or the Statewide Plan (STIP) will be submitted for addition. This action is required by Federal law in the Transportation Equity Act for the 21st Century (TEA-21). TEA-21 also requires that the cost of the projects in the TIP/STIP be balanced with available Federal funds.

If you choose not to commit to this project it may be delayed until additional funding can be found. If you commit but later are unable to keep this commitment or if you do not respond, this project will be delayed until it can be rescheduled in the TIP/STIP. The longer you wait to commit, the longer the project will be delayed. TEA-21 requires long range planning.

If you have any questions, feel free to call me at (404) 656-5320 or Larry Dent, District Engineer in Gainesville at your convenience.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Herman T. Griffin".

Herman T. Griffin P. E.
State Transportation Programming Engineer

HTG/cs
Attachment
cc: Larry Dent
Gainesville District





Department of Transportation

State of Georgia

#2 Capitol Square, S.W.

Atlanta, Georgia 30334-1002

April 11, 2000

WAYNE SHACKELFORD
COMMISSIONER
(404)656-5206

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

STEVEN L. PARKS
DEPUTY COMMISSIONER
(404)656-5212

BILLY F. SHARP
TREASURER
(404)656-5224

LOCAL GOVERNMENT PROJECT AGREEMENT

In consideration of the proposed improvements, ELBERT County agrees to provide or perform the following at no cost to the Georgia D.O.T. for project BR-0000-00(680) ELBERT CO., PI # 0000680:

BRIDGES

CR 37/ELIAM ROAD @ WAHACHEE CREEK 5 MI S OF MIDDLETON

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.

OTHER: Elbert County to pay 10% towards construction cost.

This _____ day of _____, 20_____

APPROVED _____

City/County Official





ELBERT
 BR-0000-00(680)
 REPLACEMENT BRIDGES
 CR 37/ELIAM ROAD @ WAHACHEE CREEK 5
 MI S. OF MIDDLETON

000680-
 0.21 MI.

NOTICE OF LOCATION AND DESIGN APPROVAL

BR-0000-00(680)
Elbert County
P.I. No. 0000680

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 the replacement of the existing bridge on 37/ Eliam Road over Wahachee Creek. GMD 191.

Date of Location and Design Approval: APRIL 2, 2001

Drawings or maps or plats of the proposed project as approved are on file and are available for inspection at the Georgia Department of Transportation, 2505 Athens Highway, Gainesville, Ga. Any interested party may obtain a copy of the drawings, maps or plats by writing to the Georgia Department of Transportation, 2502 Athens Highway, S.E., Gainesville, Georgia 30503-1057 and paying a nominal cost therefor.

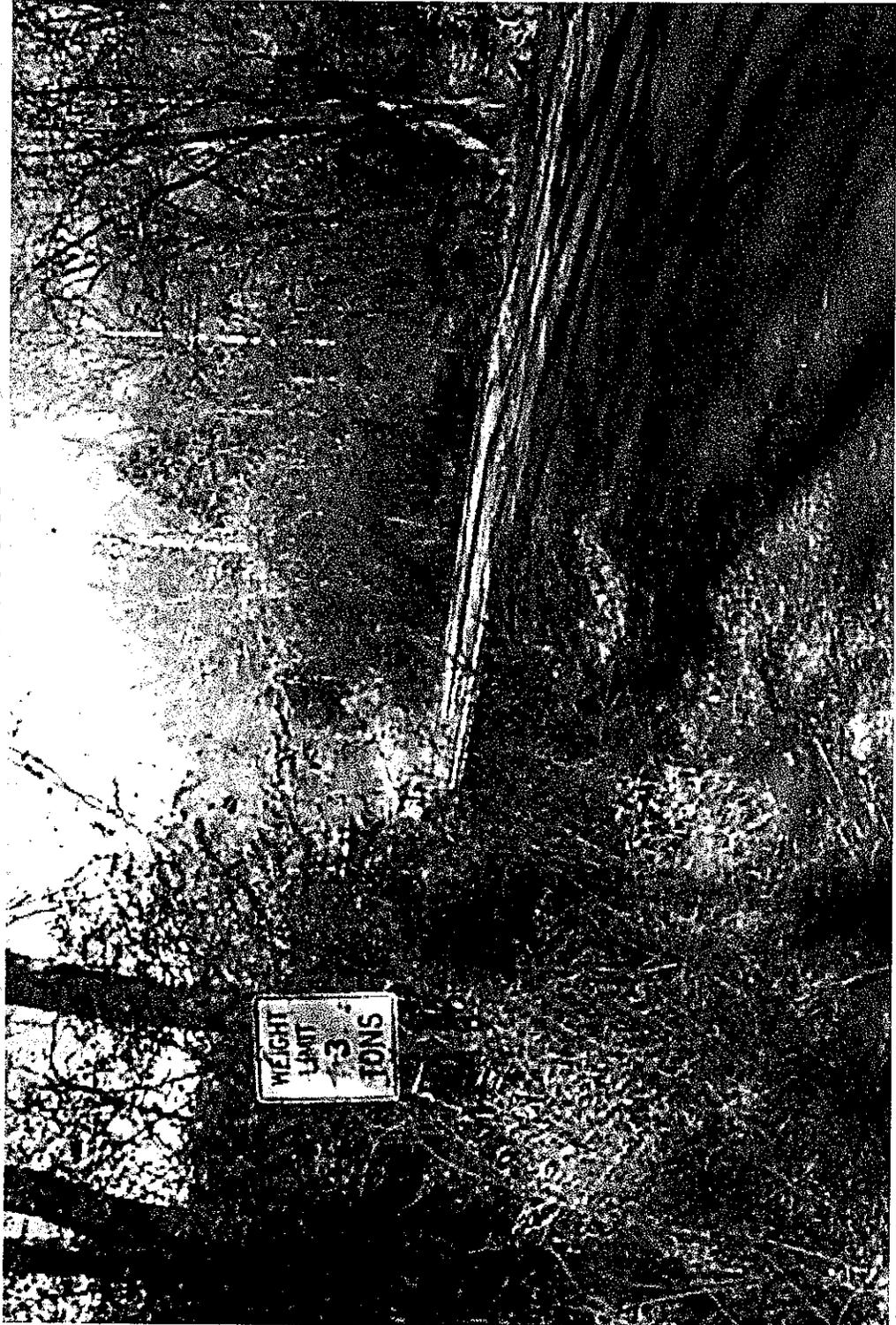
Any written request in referrence to this Notice should include the Project and P.I. Numbers as noted at the top of this notice and may be referred to:

Larry E. Dent
District Engineer
Georgia Department of Transportation
P.O. Box 1057
Gainesville, Georgia 30503

770.532.5526

BR-0000-00(680), ELBERT COUNTY

P.I. NO. 0000680



1/09/01

BR-0000-00(680), ELBERT COUNTY

P.I. NO. 0000680



1/09/01

2

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District One

PROJECT CONCEPT REPORT

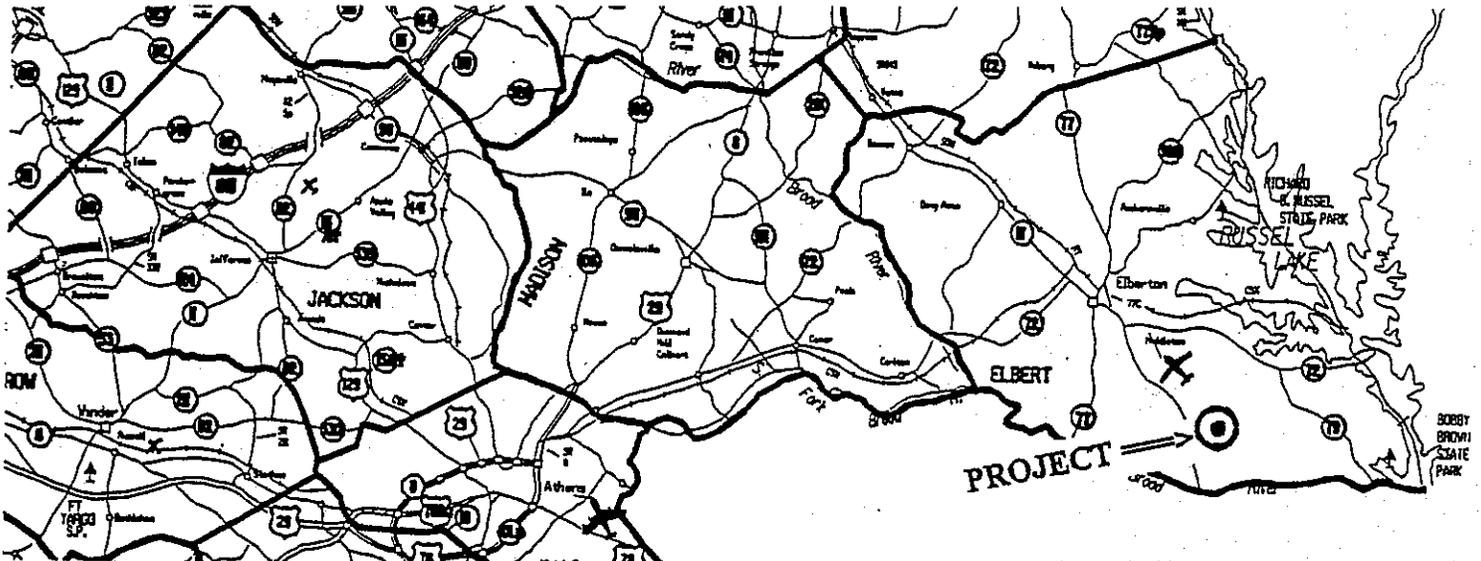
Project Number: BR-0000-00(680)

County: ELBERT

P. I. Number: 0000680

Federal Route Number: N/A

County Route Number: 37



Recommendation for approval:

DATE 3/14/01

DATE 3/15/01

[Signature]
Project Manager
[Signature]
Office Head/District Engineer

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

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 3/18/01

[Signature]
State Bridge & Structural Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District One

PROJECT CONCEPT REPORT

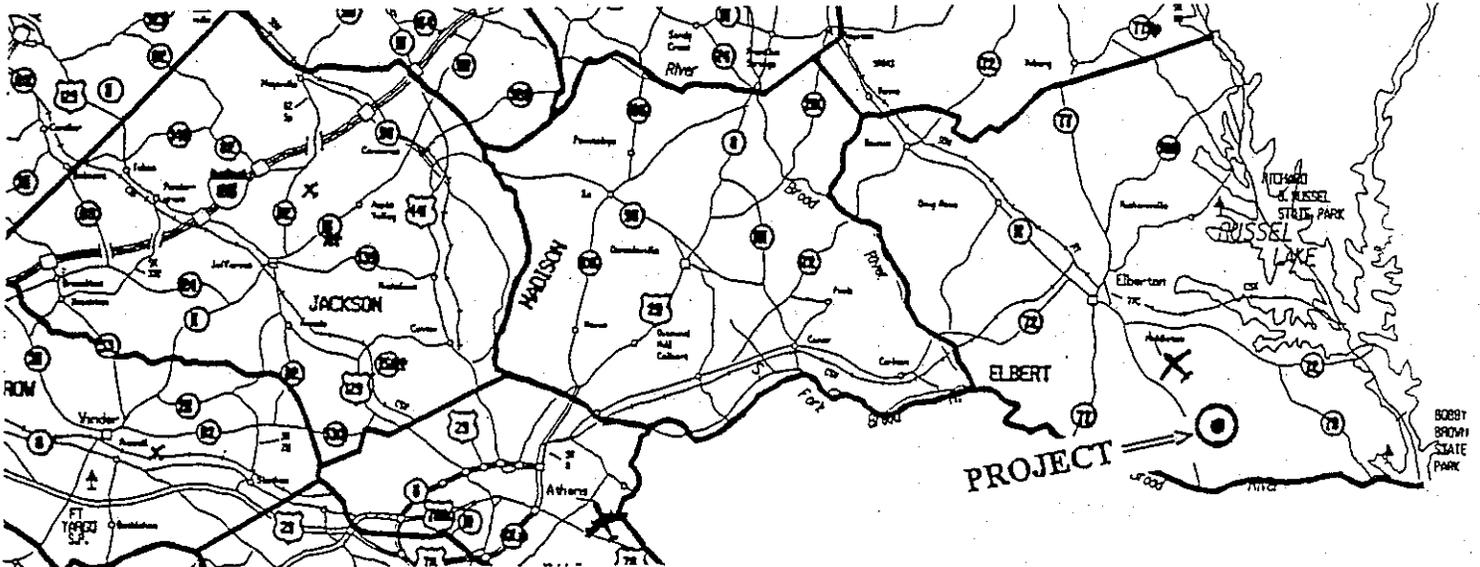
Project Number: BR-0000-00(680)

County: ELBERT

P. I. Number: 0000680

Federal Route Number: N/A

County Route Number: 37



Recommendation for approval:

DATE 3/14/01

DATE 3/15/01

[Signature]
Project Manager
[Signature]
Office Head/District Engineer

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

DATE _____

DATE 3/16/01

DATE _____

DATE _____

DATE _____

DATE _____

State Transportation Planning Administrator
[Signature]
State Transportation Programming Engineer

State Environmental/Location Engineer

State Traffic Operations Engineer

Project Review Engineer

State Bridge & Structural Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District One

PROJECT CONCEPT REPORT

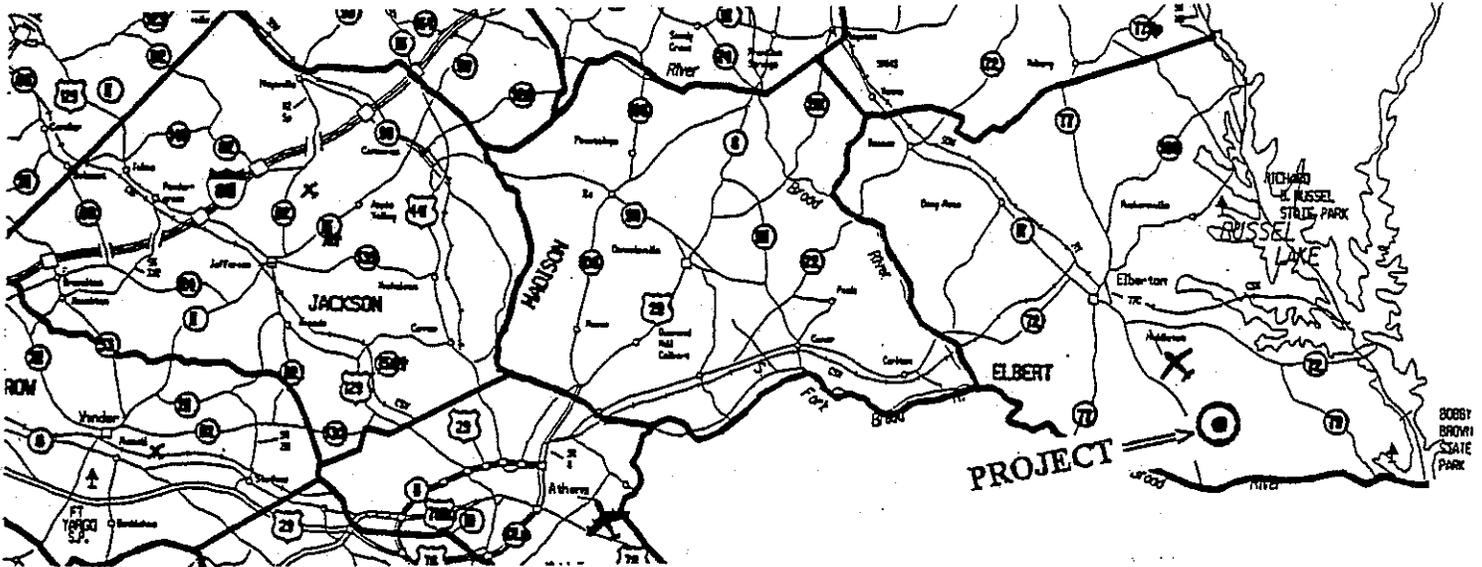
Project Number: BR-0000-00(680)

County: ELBERT

P. I. Number: 0000680

Federal Route Number: N/A

County Route Number: 37



Recommendation for approval:

DATE 3/14/01

DATE 3/15/01

[Signature]
Project Manager
[Signature]
Office Head/District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Operations Engineer

DATE 3/23/01

[Signature]
Project Review Engineer

DATE _____

State Bridge & Structural Engineer

Department of Transportation
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE

File: BR-0000-00(680)/Elbert County
P.I. No. 000680

Office: Traffic Operations
Atlanta, Georgia
Date: March 20, 2001

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 above referenced concept report for the replacement of the structurally deficient bridge on CR 37/Eliam Road over Wahachee Creek. This project is located 5 miles south of Middleton.

The existing structure is 10 feet wide with a sufficiency rating of 11.5. The concept proposes to construct a new structure 30 feet wide for the two-lane roadway. The current ADT is 50 with a design year, 2026, ADT estimated at 90. The proposed bridge width is in accordance with MOG 4265-9 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 Keepler
Larry Dent, District Engineer-Gainesville
Attn: Todd Long, District Preconstruction Engineer
David Mulling, w/ attachment
Marta Rosen
Paul Liles, State Bridge & Structural Design Engineer
Chuck Hasty, TMC
General Files

MAR 26 2001

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District One

PROJECT CONCEPT REPORT

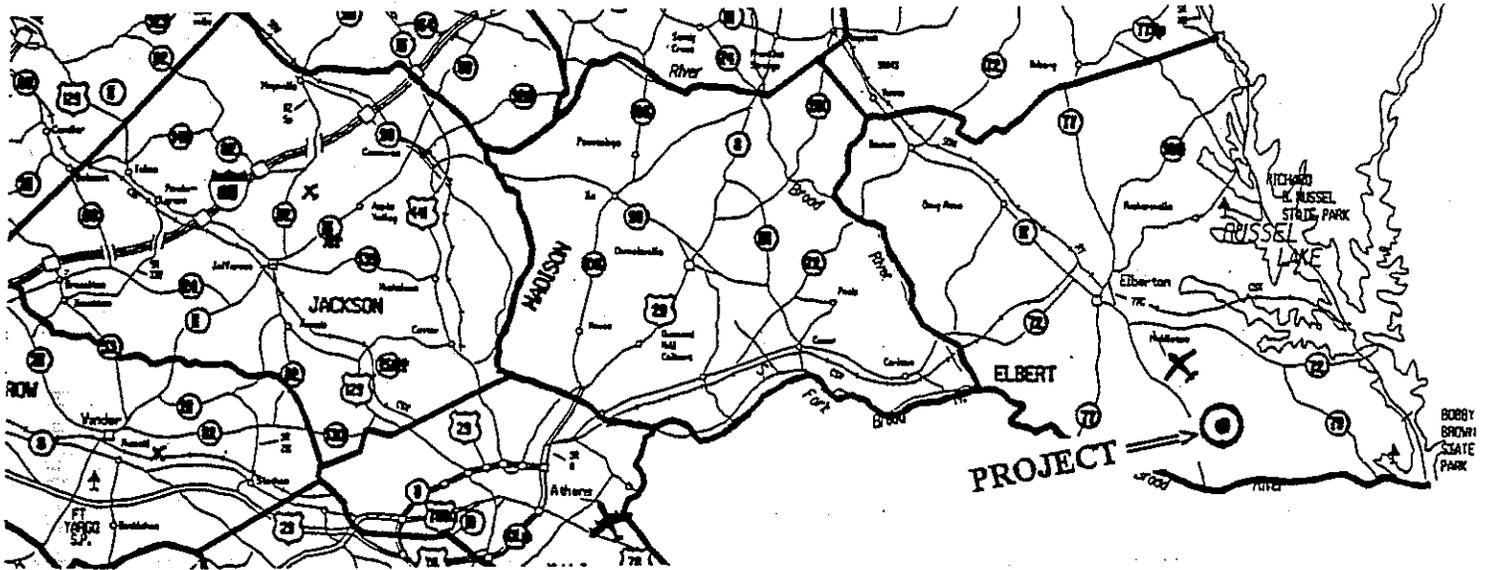
Project Number: BR-0000-00(680)

County: ELBERT

P. I. Number: 0000680

Federal Route Number: N/A

County Route Number: 37



Recommendation for approval:

DATE 3/14/01

DATE 3/15/01

[Signature]
Project Manager
[Signature]
Office Head/District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE 3/22/01

[Signature]
State Traffic Operations Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge & Structural Engineer