

ORIGINAL TO GENERAL FILES

D.O.T. 66

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** BR-0000-00(301)/(302)/(303)/(304)/(305) **OFFICE** Preconstruction  
Towns County  
P.I. Nos. 0000301 / 302 / 303 / 304 / 305 **DATE** March 19, 2001  
*CWH*  
**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

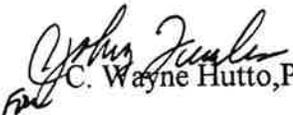
DISTRIBUTION:

Tom Turner  
David Mulling  
Harvey Keepler  
Jerry Hobbs  
Herman Griffin  
Michael Henry  
Marion Waters  
Marta Rosen  
Paul Liles  
Jimmy Chambers (ATTN: Ted Cashin)  
Larry Dent

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** ① BR-0000-00(301) Towns County **OFFICE** Preconstruction  
P.I. No. 0000301 **DATE** March 9, 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 structurally deficient bridge on SR 17/75 over Hiawassee River, 6.5 miles south of Hiawassee, Georgia. The existing bridge, constructed in 1939, consists of a concrete bridge deck, concrete bents, steel beam superstructure with a sufficiency rating of 48. State Route 17/75 at this location is a rural two lane roadway with 12' travel lanes with rural shoulders. This section of SR 17/75 is functionally classified as a rural minor arterial. Traffic is projected to be 3,400 and 5,100 VPD in the years 2007 and 2027 respectively. The posted speed and the design speed are 55 MPH.

The construction proposes to construct a new 110' x 44' concrete bridge over Hiawassee River at the existing bridge site. The approaches will consist of two, 12' lanes with 10' rural shoulders (2' paved). Traffic will be maintained during construction utilizing an on-site detour.

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)	\$1,136,000	\$669,000	2005	FY-05
Right-of-Way	\$ 40,000	\$ 10,000		
Utilities*	-----	-----		

\*Towns County refused LGPA for utilities 2-7-00.

Frank L. Danchetz

Page 2

BR-0000-00(301) Towns

March 9, 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

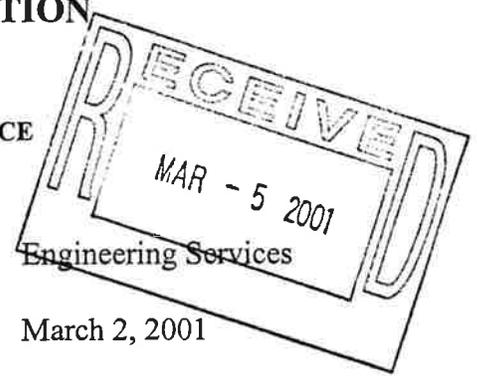
APPROVE



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

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

-----  
**INTERDEPARTMENTAL CORRESPONDENCE**



**FILE:** BR-0000-00(301) Towns  
P.I. Number 0000301

**OFFICE:** Engineering Services

**DATE:** March 2, 2001

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

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

**SUBJECT: CONCEPT REPORT**

We have reviewed the concept report submitted March 1, 2001 by the letter from Todd Long dated February 27, 2001, and have no comments.

The costs for the project are:

Construction	\$898,000
Inflation	\$135,000
E&C	\$103,000
Reimbursable Utilities	\$ 0
Right of Way	\$ 40,000

DTM

c: Todd Long – District 1 Preconstruction

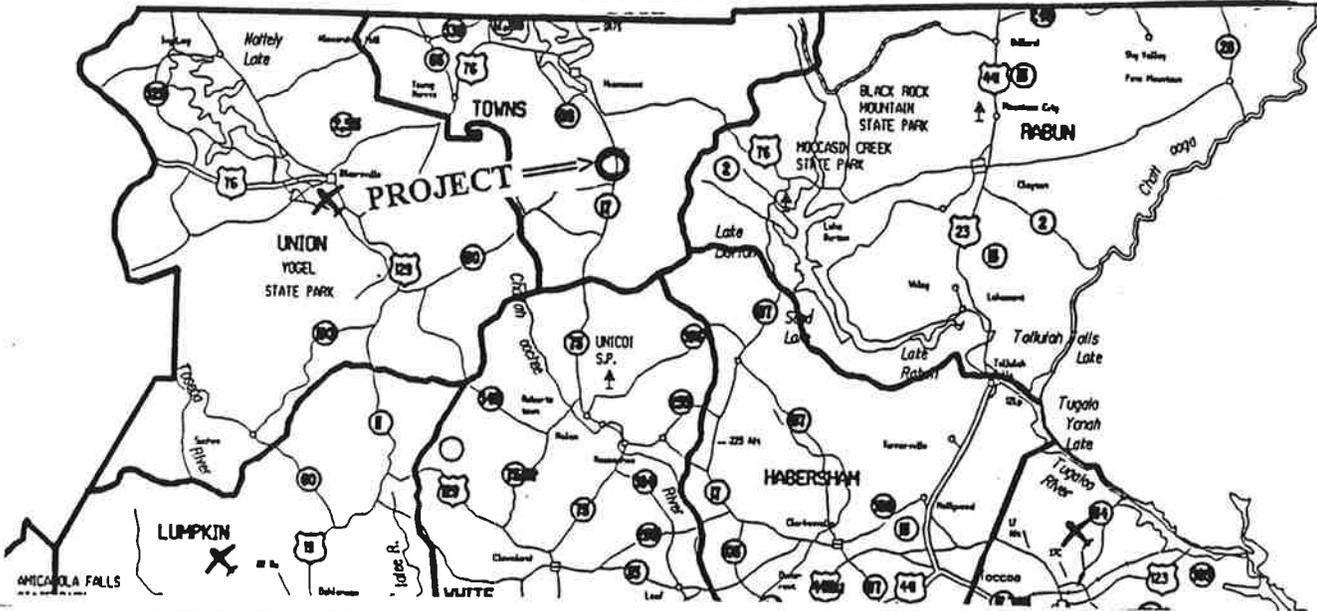
P. I. NO:

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
DISTRICT ONE

PROJECT CONCEPT REPORT

PROJECT NUMBER: BR-0000-00(301)  
TOWNS COUNTY  
P. I. NO. 0000301

U.S. ROUTE NO: N/A  
STATE ROUTE NO: 17/75



RECOMMENDATION FOR APPROVAL:

DATE 2/27/01

DATE 2/27/01

*Paul J. [Signature]*  
Project Manager

*Larry Denton [Signature]*  
Office Head/District Engineer

This project concept is contained in the Regional Transportation Program (RTP) 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 RTP and/or the STIP.

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Traffic Operations Engineer

DATE 2/27/01

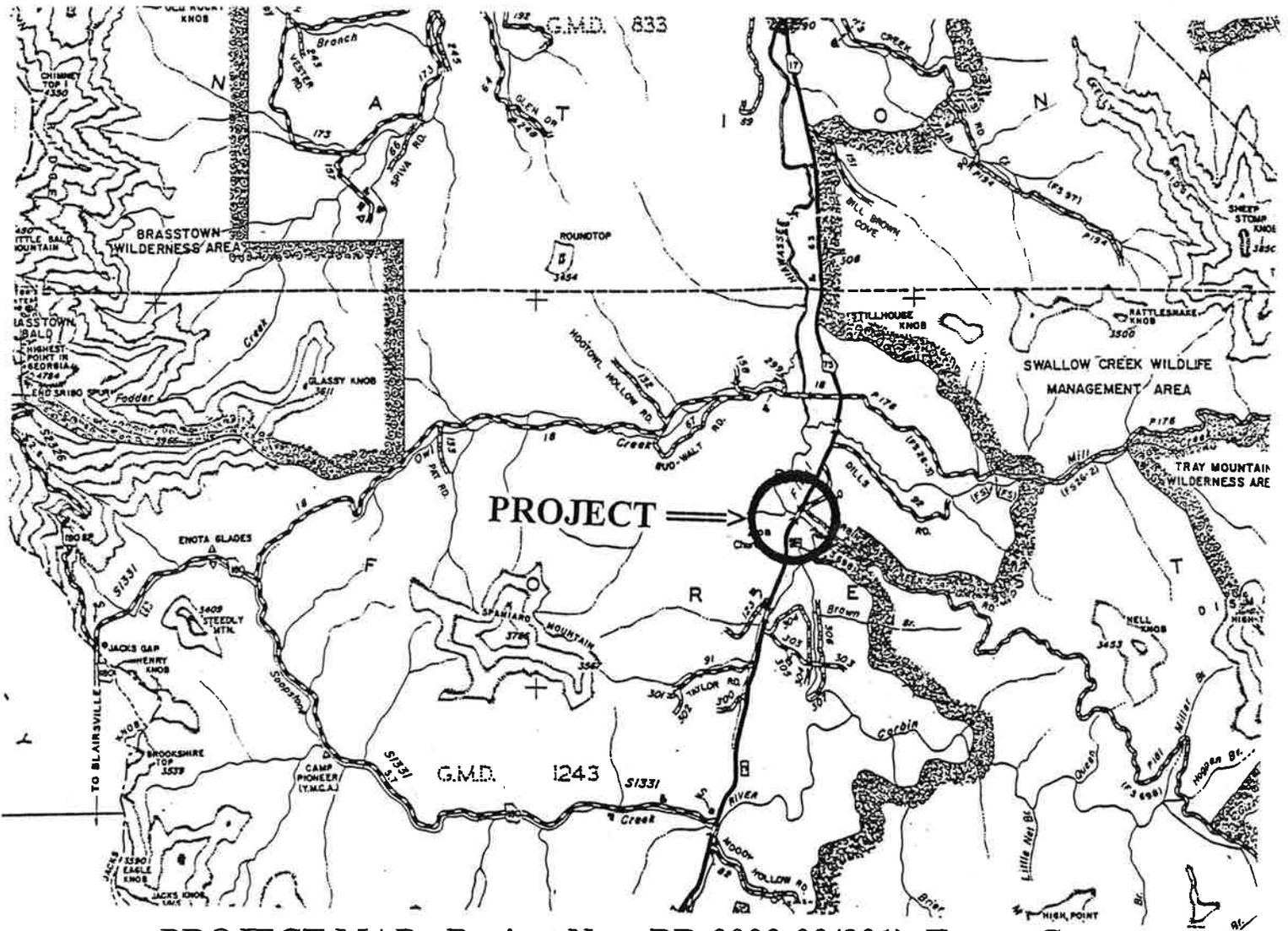
*Larry E. Denton [Signature]*  
District Engineer

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

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



**PROJECT MAP - Project No. : BR-0000-00(301), Towns County**

**PROJECT LOCATION & DESCRIPTION**

Project BR-0000-00(301), Towns County proposes to replace the existing bridge on SR 17/75 over the Hiawassee River. The bridge is located 6.5 miles south of Hiawassee. The project proposes to construct a new bridge over the Hiawassee River.

PROJECT LENGTH: 0.22 miles

**TRAFFIC**

CURRENT		PROJECTED	
YEAR	AADT	YEAR	AADT
2007	3400	2027	5100

**PROJECT NEED & PURPOSE**

SR 17 is a major connector route from the Gainesville/Atlanta area to points north in Hiawassee and Young Harris area which are heavy recreation destinations. Local residents utilize this route to commute to work in the Gainesville and Atlanta Area. The existing bridge has a sufficiency rating of 48.5 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.

Structure ID 281-0012-0 / Location ID 281-00017D-004.55N

**PDP Classification:**

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

**Functional Classification:** Minor Arterial

**U.S. Route Number(s):** N/A      **State Route Number(s):** 17/75

**EXISTING DESIGN**

POSTED SPEED: 55 MPH      MAX DEGREE OF CURVE: 9      MAXIMUM GRADE: 5.14%

TYPICAL SECTION: Two lane rural 24' roadway.

MAJOR STRUCTURE: Concrete bridge deck, concrete bents, steel beam superstructure.

FEATURE INTERSECTED: Hiawassee River

SUFF. RATING: 48.5      LENGTH: 104 feet      WIDTH: 26.5 feet

**PROPOSED DESIGN**

DESIGN SPEED: 55 MPH      MAX DEGREE OF CURVE: 6      MAXIMUM GRADE: 6%

TYPICAL SECTION: Two 12' travel lanes with 10' shoulders (2' paved). Typical Section attached.

PROPOSED STRUCTURE: The proposed bridge will be 44'-0" wide, consisting of two 12'-0" travel lanes and 10'-0" shoulders. The bridge is proposed to be 110' long.

PROPOSED RIGHT OF WAY			
R/W WIDTH min 100 feet	DISPLACEMENTS		
	RES: <u>0</u>	BUS: <u>0</u>	M.H.: <u>0</u>
TYPE OF ACCESS CONTROL: by permit			
NUMBER OF PARCELS: 4			

COORDINATION
CONCEPT TEAM MEETING DATE: February 26, 2001
CONFORMS TO TIP/STIP: Yes
MEETS LOGICAL TERMINI REQUIREMENTS: yes
P.A.R. MEETING: Not needed
LOCATION INSPECTION DATE:
PERMITS REQUIRED (4f,COE, 404,etc.): Nationwide
LOCAL GOVERNMENT COMMITMENTS: LGPA signed February 7, 2000 for utility relocations
TIME SAVING PROCEDURES APPROPRIATE: Yes
OTHER PROJECTS IN THE AREA: BR-0000-00(302), TOWNS and BRF-058-1(24), TOWNS

SCHEDULING CONSIDERATIONS
TIME TO COMPLETE ENVIRONMENTAL: 9 MONTHS
TIME TO COMPLETE PRELIMINARY RD/RW PLANS: 6 MONTHS
TIME TO COMPLETE FINAL CONSTRUCTION PLANS: 6 MONTHS
TIME TO BUY RIGHTS-OF-WAY: 6 MONTHS

MISCELLANEOUS
TRAFFIC CONTROL DURING CONSTRUCTION: Bridge to remain open
LEVEL OF ENVIRONMENTAL ANALYSIS: Categorical Exclusion (CE)
DESIGN VARIATIONS REQUIRED: None known
UNDERGROUND STORAGE TANKS: None Known
HAZARDOUS SITES: None Known

**ALTERNATIVES CONSIDERED**

1. NO BUILD (Eliminated due to long term maintenance cost)
2. Construct new bridge on same alignment as existing bridge and build a detour bridge to the west side of the existing bridge.(Selected due to low cost of a detour bridge)
3. Construct new bridge parallel and offset from existing, abandon or demolish existing bridge. (Eliminated due to a long realignment to build proposed bridge offset and parallel.)
4. Construct half of new bridge and maintain traffic with a temporary signal. (Eliminated due to traffic volumes.)

**ESTIMATED COST**

CONSTRUCTION:	\$ 898,100	RIGHT-OF-WAY:	\$40,000
E & C (10) :	\$ 89,810	ACQUIRED BY :	GDOT
INFLATION :	\$ 141,563	UTILITIES :	0
		ADJUSTED BY :	LGPA
<b>TOTAL CONSTRUCTION COST:</b>		<b>\$ 1,129,473</b>	

COMMENTS: None

ATTACHMENTS: Detailed Cost Estimate  
 Typical Section  
 Bridge Inventory  
 Traffic Volumes  
 Concept Team Meeting Minutes

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: BR-0000-00(301)

COUNTY: Towns

DATE: January 12, 2001

ESTIMATED LETTING DATE: 2005

PREPARED BY: Tony R. Bradley

PROJECT LENGTH: 0.22 miles

<b>PROJECT COST</b>	
<b>A. RIGHT-TO-WAY:</b>	
1. PROPERTY (LAND & EASEMENT)	\$ 40,000
2. DISPLACEMENTS; RES:0, BUS:0, M.H.:0	\$
3. OTHER COST (ADM./COST, INFLATION)	\$
SUBTOTAL:A	\$ 40,000
<b>B. REIMBURSABLE UTILITIES:</b>	
1. RAILROAD	\$
2. TRANSMISSION LINES	\$
3. SERVICES	\$
SUBTOTAL:B	\$ 0
<b>C. CONSTRUCTION:</b>	
1. MAJOR STRUCTURES	
a. OVERPASSES-Bridge @ Hiwassee River (44'X110') @ \$70/SF	\$ 338,800
b. APPROACH SLAB - 290 SY @ \$90/SY, 2 spillways @ \$1,200 EA	\$ 28,500
SUBTOTAL:C-1	\$ 367,300
2. GRADING AND DRAINAGE:	
a. EARTHWORK - Grading Complete	\$ 70,000
b. DRAINAGE:	
1) Cross Drain Pipe	\$
2) Curb and Gutter	\$
3) Longitudinal System(include catch basins)	\$
SUBTOTAL:C-2	\$ 70,000

<b>PROJECT COST</b>		
<b>3. BASE AND PAVING:</b>		
a. AGGREGATE BASE - 2150 tons		\$ 38,700
b. ASPHALT PAVING: Surface - 280 tons	\$ 11,200	
Binder - 360 tons	\$ 14,400	
Base - 530 tons	\$ 21,200	
SUBTOTAL:C-3.b		\$ 46,800
c. CONCRETE PAVING		
		\$
d. OTHER		
		\$
SUBTOTAL:C-3		\$ 85,500
<b>4. LUMP ITEMS:</b>		
a. GRASSING		
		\$ 6,000
b. CLEARING AND GRUBBING – remove existing bridge		
		\$ 40,000
c. LANDSCAPING		
		\$
d. EROSION CONTROL		
		\$ 12,500
e. TRAFFIC CONTROL		
		\$ 25,000
SUBTOTAL:C-4		\$ 83,500
<b>5. MISCELLANEOUS:</b>		
a. LIGHTING		
		\$
b. SIGNING - MARKING		
		\$ 5,000
c. GUARDRAIL –“W” Beam 2000LF @\$15/LF, 4 EA TP 12 Anch @\$1700 EA		
		\$ 36,800
d. SIDEWALK		
		\$
SUBTOTAL:C-5		\$ 41,800
6. SPECIAL FEATURES – Detour Bridge		SUBTOTAL:C-6
		\$250,000

**ESTIMATE SUMMARY**

<b>ESTIMATE SUMMARY</b>		
A. RIGHT-OF-WAY	\$ 40,000 GDOT	
B. REIMBURSABLE UTILITIES	\$ 0	
C. CONSTRUCTION		
1. MAJOR STRUCTURES	\$367,300	
2. GRADING AND DRAINAGE	\$ 70,000	
3. BASE AND PAVING	\$ 85,500	
4. LUMP ITEMS	\$ 83,500	
5. MISCELLANEOUS	\$ 41,800	
6. SPECIAL FEATURES	\$250,000	
SUBTOTAL CONSTRUCTION COST	\$898,100	
E. & C. (10%)	\$ 89,810	
INFLATION (5% PER YEAR for 3 years)	\$141,563	
TOTAL CONSTRUCTION COST	\$1,129,473	
<b>GRAND TOTAL PROJECT COST</b>	<b>\$1,169,473</b>	

**NOTICE OF LOCATION AND DESIGN APPROVAL****BR-0000-00(301)****Towns County****P.I. No. 0000301**

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 SR 17/75 over the Hiwassee River. GMD 1243.

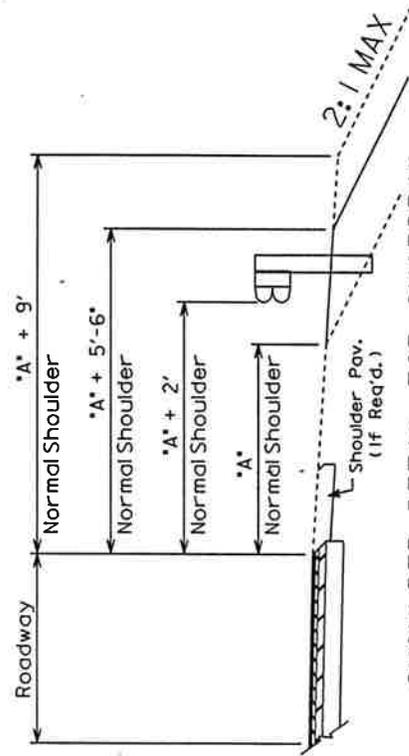
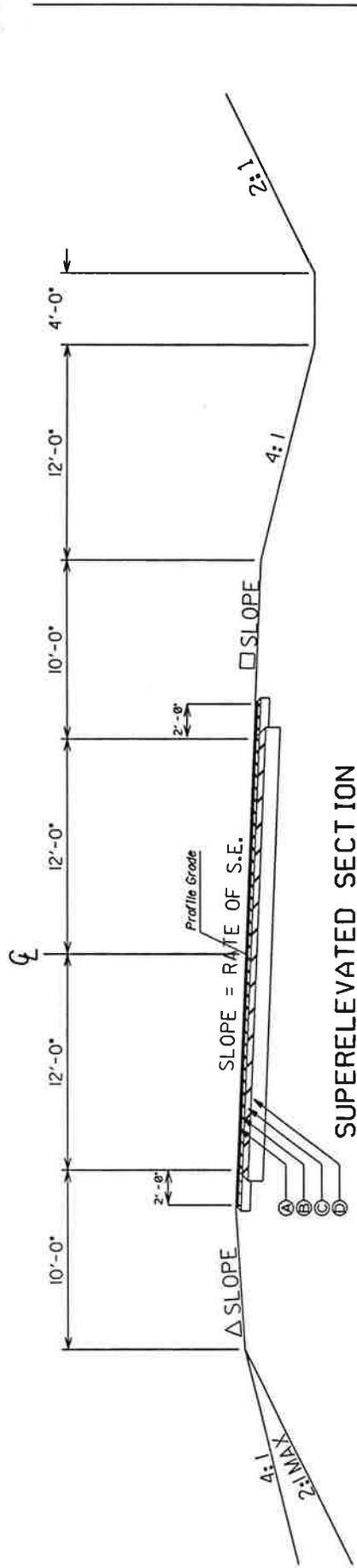
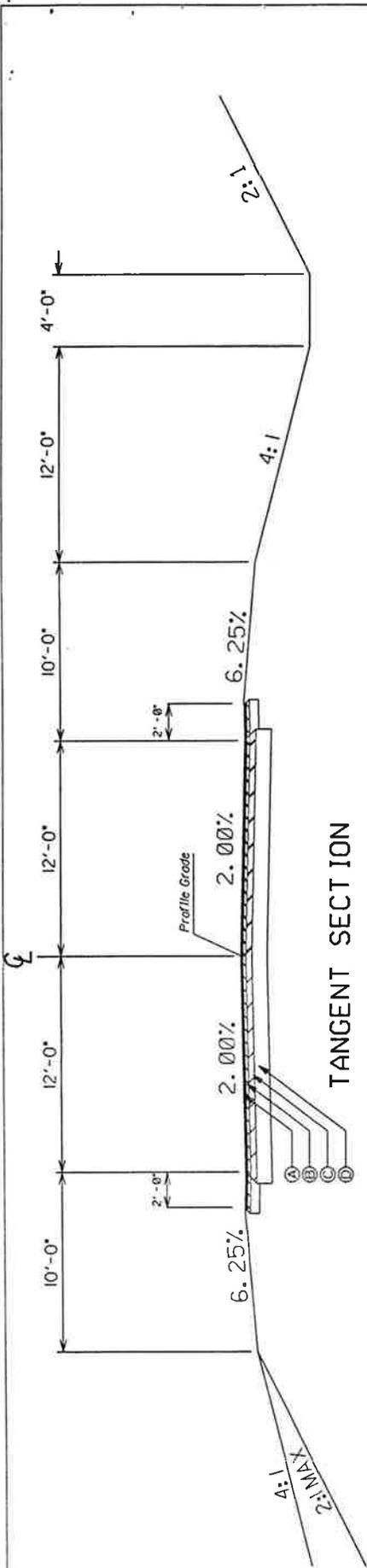
Date of Location and Design Approval: 19-MARCH-2001

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 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:

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

770.532.5526



SEE PLAN FOR LOCATION

SEE GA STD 405I OR 4052 FOR DETAILS

BR-0000-00(30I) TOWNS CO.  
 P.I. NO. 000030I

TYPICAL SECTION



ORIGINAL  
GENERAL FILES

# Department of Transportation

State of Georgia

#2 Capitol Square, S.W.

Atlanta, Georgia 30334-1002

January 27, 2000

RECEIVED

FEB 11 2000

OFFICE OF PROGRAMMING

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, TOWNS County agrees to provide or perform the following at no cost to the Georgia D.O.T. for project BR-0000-00(301) TOWNS CO., PI # 0000301:*

### BRIDGES

**SR 17- SR 75 @ HIAWASSEE RIVER 6.5 MI S OF HIAWASSEE**

Provide all rights-of-way and/or easements needed for the construction of the project and remove existing structures or obstructions within the rights-of-way.

Make all utility relocations, adjustments or betterments of publicly owned utilities that are in conflict with construction of this project. Reimburse Georgia D.O.T. for any damages paid to the contractor for delay of construction caused by a delay in relocating the publicly owned utilities.

Relocate or adjust all privately owned utilities to clear construction of this project, including adjustments at railroad crossings if required.

Furnish detours, local borrow & waste pits as needed.

We support this project but choose not to commit any funding, realizing this may delay the project until additional funding can be found.

This 7<sup>th</sup> day of feb, 2000

APPROVED \_\_\_\_\_

City/County Official



# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 1-0012-0      Towns County      SUFF. RA: d: 48.5

## Programming Data

201 Project No: SP 1043-A  
 202 Plans Available: 1  
 249 Prop. Proj No: BR-0000-00(301)  
 250 Approval Status: 0000  
 251 P.I. No: 000000  
 252 Contract Date: 0000  
 260 Seismic No: 00012  
 75 Type Work: 341  
 94 Bridge Imp. Cost: \$ 130  
 95 Roadway Imp. Cost: \$ 44  
 96 Total Imp. Cost: \$ 225  
 76 Imp. Length: 000315  
 97 Imp. Year: 1990  
 114 Future ADT: 003450      Year: 2017

## Measurements

\* 29 ADT: 002300      Year: 1997  
 \* 109 % Trucks: 12  
 \* 28 Lanes On: 02      Under: 00  
 210 No. Tracks On: 00      Under: 00  
 \* 48 Max. Span Length: 0026  
 \* 49 Structure Length: 104  
 51 Br. Rdwy. Width: 23.7  
 52 Deck Width: 26.5  
 \* 47 Tot. Horz. Cl: 23.7  
 50 Curb/Sdewlk Width: 0.5/0.5  
 32 Approach Rdwy Width: 036  
 \* 229 Shlder Width:

Rear Lt: 3.2      Type: 8      Rt: 4.6  
 Fwd Lt: 2.0      Type: 2      Rt: 2.1  
 Pvmnt Width:  
 Rear: 36.5      Type: 2  
 Fwd: 21.1      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: 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: 7.0  
 Deck Thick Approach: 0.0  
 246 Overlay Thickness: 2.0  
 211 Tons Structural Steel: 0.0  
 212 Year Last Painted: Sup: 0000      Sub: 0000

\* Location I.D. No: 281-00017D-004.55N  
 \* XReferen I.D. No: 000-000000-000.000

## Hydraulic Data

215 Waterway Data  
 Highwater Elev: 0000.0      Year: 0000  
 Flood Elev: 0000.0      Freq: 000  
 Avg. Streambed Elev: 0000.0  
 Drainage Area: 00000  
 Area of Opening: 000000  
 113 Scour Critical: 6  
 216 Water Depth: 2.4      Br Height: 18.1  
 222 Slope Protection: 1  
 221 Spur Dikes Rear: 0      Fwd: 0  
 219 Fender System: 0  
 220 Dolphin: 0  
 223 Culvert Cover: 000  
 Type: 0

\* 265 U/W Insp. Area: 0      Diver: ZZZ  
 No Barrels: 0  
 Width: 0.0  
 Height: 0.0  
 Length: 0  
 Apron: 0  
 \* 265 U/W Insp. Area: 0      Diver: ZZZ

## Ratings

66 Inventory Type: 2      Rating: 23  
 64 Operating Type: 2      Rating: 44  
 231 Calculated Loads  
 H-Modified: 20 0  
 HS-Modified: 25 0  
 Type 3: 26 0  
 Type 3s2: 40 0  
 Timber: 36 0  
 Piggyback: 00 0

261 H Inventory Rating: 15  
 262 H Operating Rating: 25  
 67 Structural Evaluation: 5  
 58 Deck Condition: 5  
 59 Superstructure Condition: 5  
 \* 227 Collision Damage: 0  
 60A Substructure Condition: 6  
 60B Scour Condition: 7  
 60C Underwater Condition: N  
 71 Waterway Adequacy: 8  
 61 Channel Protection Cond: 8  
 68 Deck Geometry: 2  
 69 UnderClr. Horz/Vert: N  
 72 Appr. Alignment: 7  
 62 Culvert: N

## 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  
 Type 3S2: 00  
 Timber: 00  
 Piggyback: 00  
 253 Notification Date: 0000  
 253 Fed Notify Date: 0000

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 1-0012-0      Towns County      SUFF. RA. 3: 48.5

## Location & Geography

\* Structure I.D. No.: 281-0012-0  
 \* 200 Bridge Information: 06  
 \* 6A Feature Int.: HIAWASSEE RIVER  
 \* 6B Critical Bridge: 0  
 \* 7A Route Number Carried: SR00017  
 \* 7B Facility Carried: SR 17- SR 75  
 \* 9 Location: 6.5 MILES OF HIAWASSEE  
 2 DOT District: 1  
 207 Year Photo: 1998

\* 91 Inspection Frequency: 24      Date: 06/17/1998  
 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: 3  
     Designator: 1  
     Number: 00017  
     Direction: 0  
 \* 16 Latitude: 34-51.5  
 \* 17 Longitude: 83 -43.3

98 Border Bridge: 000      %Shared: 00  
 99 ID Number: 00000000000000000000  
 \* 100 Defense Highway: 0  
 \* 101 Parallel Structure: N  
 \* 102 Direction of Traffic: 2  
 264 Road Inventory Mile Post: 004.47

\* 208 Inspection Area: 01      Initials: JAA  
 \* Location I.D. No: 281-00017D-004.55N  
 \* XReferen I.D. No: 000-000000-000.000

## Signs & Attachments

\* 104 Highway System: 0  
 \* 26 Functional Classification: 06  
 \* 204 Federal Route Type: F      No: 115-1  
 \* 110 Truck Route: 0  
 206 School Bus Route: 1  
 217 Benchmark Elevation: 0.00  
 218 Datum: 0  
 \* 19 Bypass Length: 16  
 \* 20 Toll: 3  
 \* 21 Maintenance: 01  
 \* 22 Owner: 01  
 \* 31 Design Load: 2  
 37 Historical Significance: 5  
 205 Congressional District: 09  
 \* 27 Year Constructed: 1939  
 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: A-O-O-O  
 259 Pile Encasement: 3  
 \* 43 Structure Type Main: 1 04  
 45 No. Spans Main: 004  
 44 Structure Type Appr: 0 0  
 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: 6  
     Membrane: 0  
     Protection: 8  
 \* 248 County Continuity No: 00

\* 104 Highway System: 0  
 \* 26 Functional Classification: 06  
 \* 204 Federal Route Type: F      No: 115-1  
 \* 110 Truck Route: 0  
 206 School Bus Route: 1  
 217 Benchmark Elevation: 0.00  
 218 Datum: 0  
 \* 19 Bypass Length: 16  
 \* 20 Toll: 3  
 \* 21 Maintenance: 01  
 \* 22 Owner: 01  
 \* 31 Design Load: 2  
 37 Historical Significance: 5  
 205 Congressional District: 09  
 \* 27 Year Constructed: 1939  
 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: A-O-O-O  
 259 Pile Encasement: 3  
 \* 43 Structure Type Main: 1 04  
 45 No. Spans Main: 004  
 44 Structure Type Appr: 0 0  
 46 No. Spans Appr: 0000  
 226 Bridge Curve Horz: 0      Vert: 0  
 111 Pier Protection: 0  
 107 Deck Structure Type: 1

\* 104 Highway System: 0  
 \* 26 Functional Classification: 06  
 \* 204 Federal Route Type: F      No: 115-1  
 \* 110 Truck Route: 0  
 206 School Bus Route: 1  
 217 Benchmark Elevation: 0.00  
 218 Datum: 0  
 \* 19 Bypass Length: 16  
 \* 20 Toll: 3  
 \* 21 Maintenance: 01  
 \* 22 Owner: 01  
 \* 31 Design Load: 2  
 37 Historical Significance: 5  
 205 Congressional District: 09  
 \* 27 Year Constructed: 1939  
 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: A-O-O-O  
 259 Pile Encasement: 3  
 \* 43 Structure Type Main: 1 04  
 45 No. Spans Main: 004  
 44 Structure Type Appr: 0 0  
 46 No. Spans Appr: 0000  
 226 Bridge Curve Horz: 0      Vert: 0  
 111 Pier Protection: 0  
 107 Deck Structure Type: 1



**CONCEPT TEAM MEETING MINUTES**

**BR-0000-00(301) Towns County  
P.I. NO. 0000301  
SR 17/75 over Hiawasse River**

**Attendees:**

Tony R. Bradley, District 1 Location Engineer  
Todd Long, District 1 Assistant District Engineer  
Julie Wilson, District 1 Environmentalist  
Robby Oliver, District 1 Utilities  
Don Attaway, District 1 Design Engineer  
Keith Deyton, District 1 Location  
Billy Cantrell, District 1 Traffic Operations  
Chuck Davis, District 1 Area 4  
Jerry Bradshaw, Towns County Water Authority

The meeting began at 9:00 AM on February 26, 2001 in the District Conference Room.

Tony R. Bradley gave an overview of the proposed project and the project schedule.

Towns County Water Authority has a water line on the existing bridge. Power, telephone and cable television has existing facilities in the existing Right of Way.

Todd Long suggested we indicate which side the proposed detour will be constructed and include a photo in the concept report.

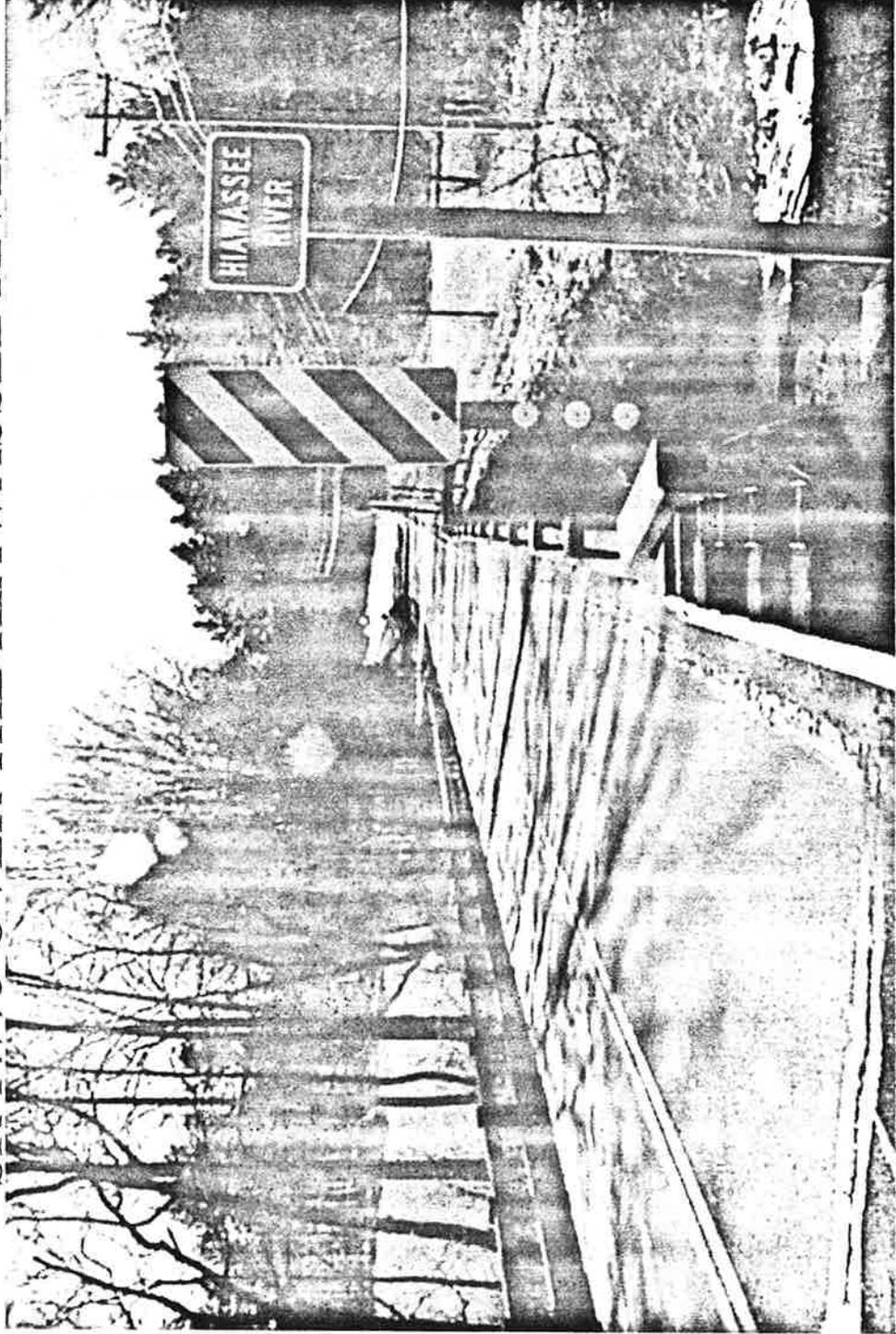
There were no other comments.

The meeting was adjourned at 10:00 AM.

BR-0000-00(301) TOWNS COUNTY

P.I. NUMBER 0000301

SR 17/75 OVER THE HIAWASSEE RIVER

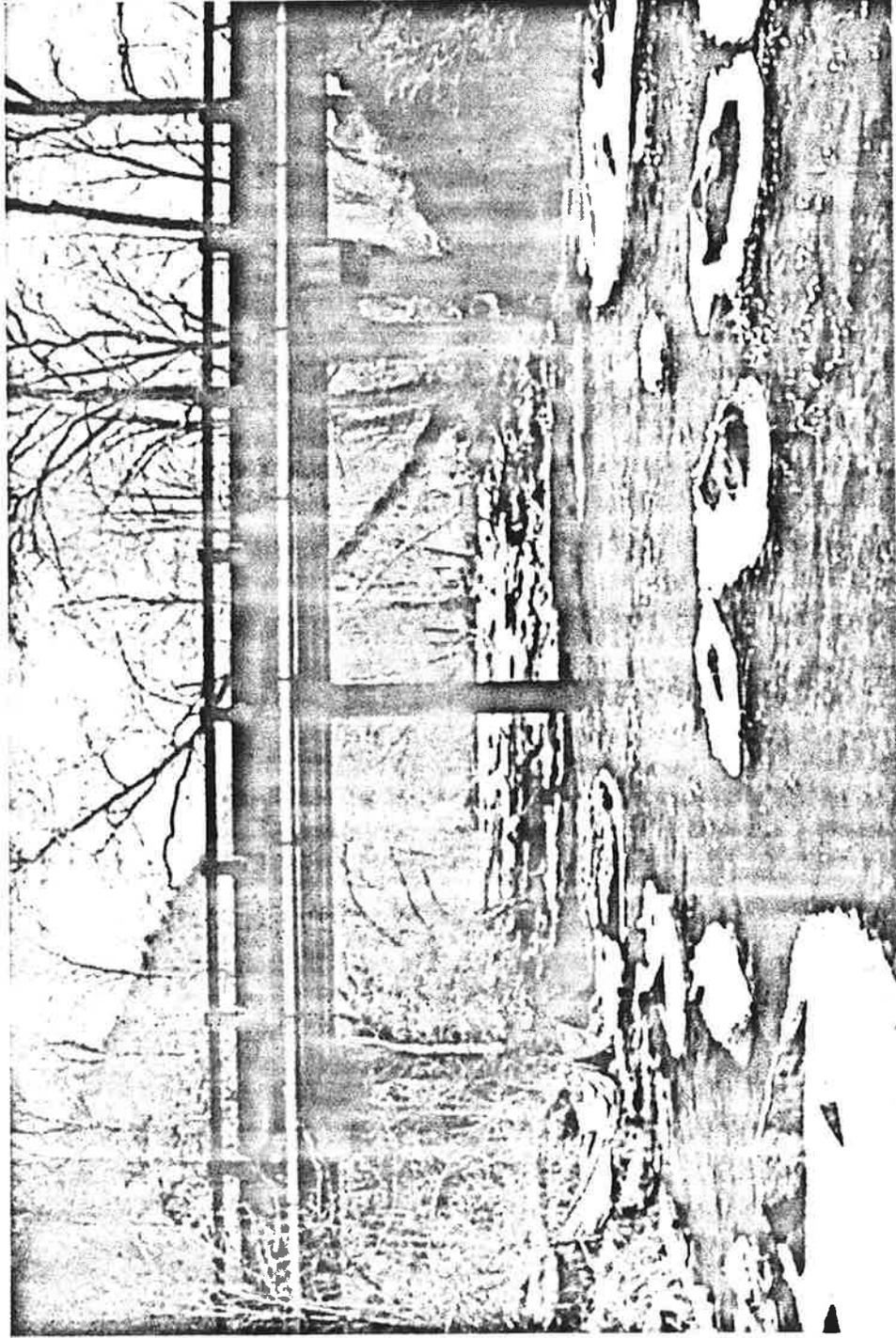


01-04-01

BR-0000-00(301) TOWNS COUNTY

P.I. NUMBER 0000301

SR 17/75 OVER THE HIAWASSEE RIVER



01-04-01

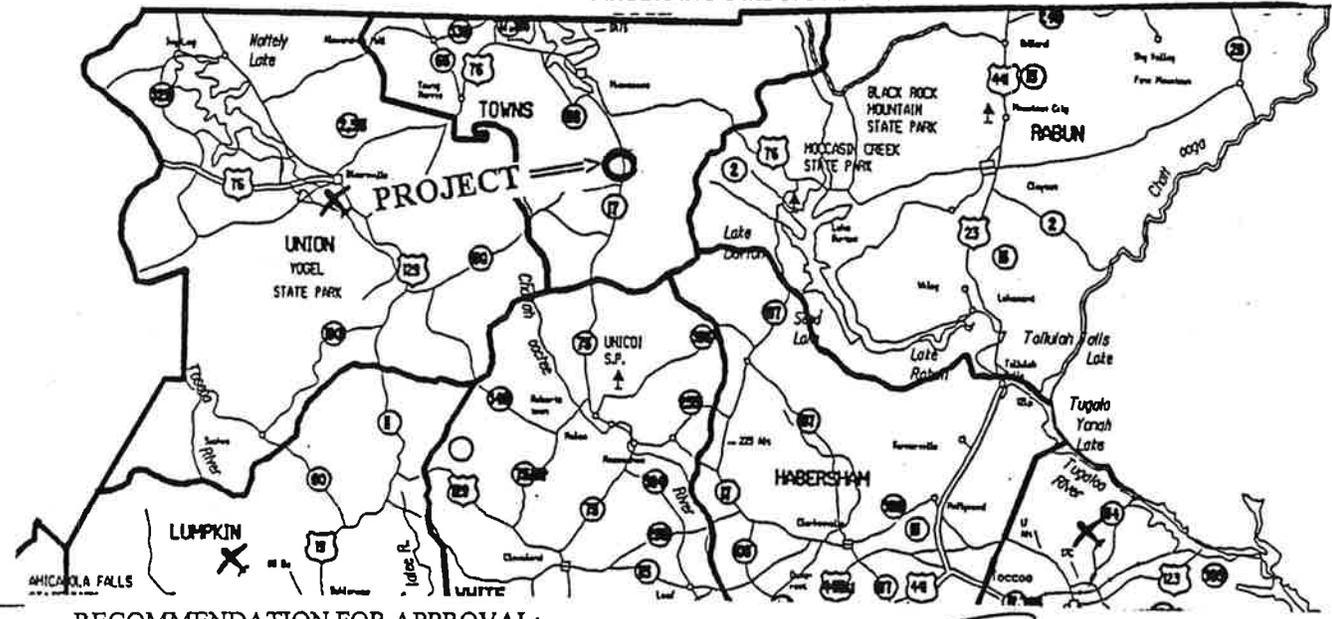
P. I. NO:

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
DISTRICT ONE

PROJECT CONCEPT REPORT

PROJECT NUMBER: BR-0000-00(301)  
TOWNS COUNTY  
P.I. NO. 0000301

U.S. ROUTE NO: N/A  
STATE ROUTE NO: 17/75



RECOMMENDATION FOR APPROVAL:

DATE 2/27/01  
DATE 2/27/01

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

This project concept is contained in the Regional Transportation Program (RTP) 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 RTP and/or the STIP.

DATE \_\_\_\_\_  
DATE \_\_\_\_\_  
DATE \_\_\_\_\_  
DATE \_\_\_\_\_  
DATE 2/27/01  
DATE 3/2/01  
DATE \_\_\_\_\_

\_\_\_\_\_  
State Planning Administrator  
\_\_\_\_\_  
State Transportation Programming Engineer  
\_\_\_\_\_  
State Environmental/Location Engineer  
\_\_\_\_\_  
State Traffic Operations Engineer  
*[Signature]*  
District Engineer  
*[Signature]*  
Project Review Engineer  
\_\_\_\_\_  
State Bridge & Structural Engineer

P. I. NO:

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
DISTRICT ONE

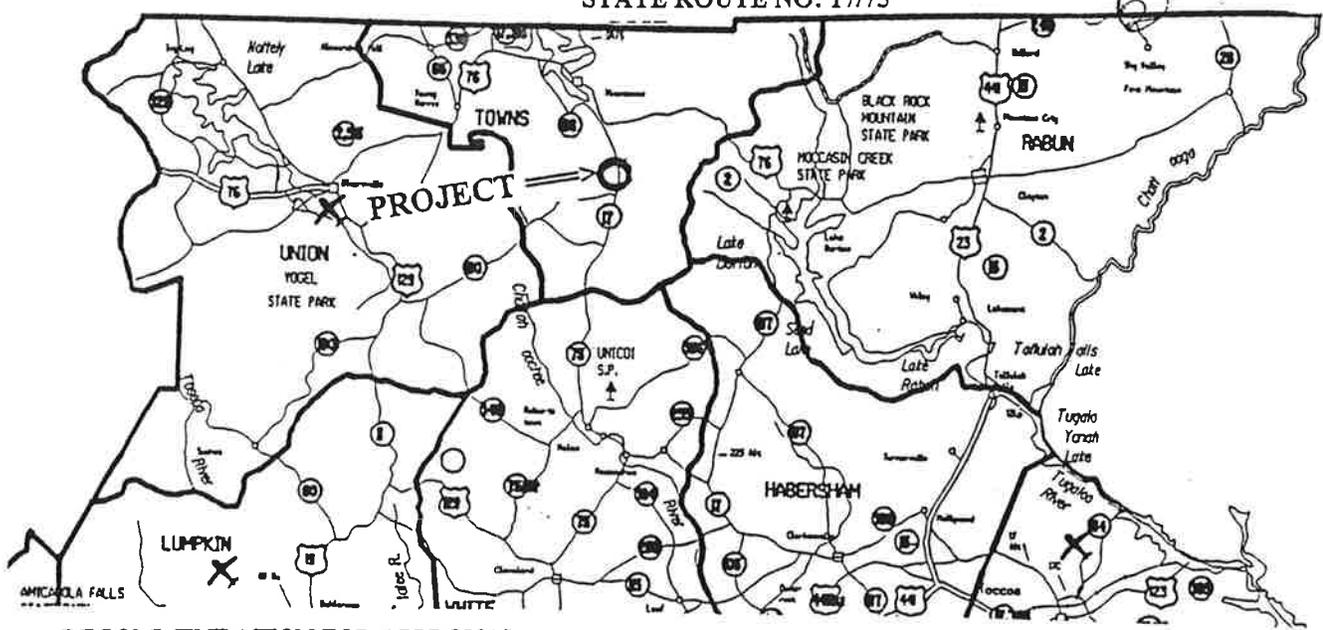
RECEIVED PROJECT CONCEPT REPORT

- FEB 07 2001

PROJECT NUMBER: BR-0000-00(301)  
TOWNS COUNTY  
P. I. NO. 0000301

OFFICE OF PROGRAMMING

U.S. ROUTE NO: N/A  
STATE ROUTE NO: 17/75



RECOMMENDATION FOR APPROVAL:  
DATE \_\_\_\_\_

DATE \_\_\_\_\_

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

\_\_\_\_\_  
Office Head/District Engineer

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DATE \_\_\_\_\_

DATE 2/14/01

DATE \_\_\_\_\_

DATE \_\_\_\_\_

DATE \_\_\_\_\_

DATE \_\_\_\_\_

DATE \_\_\_\_\_

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

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

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State Environmental/Location Engineer

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State Traffic Operations Engineer

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District Engineer

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

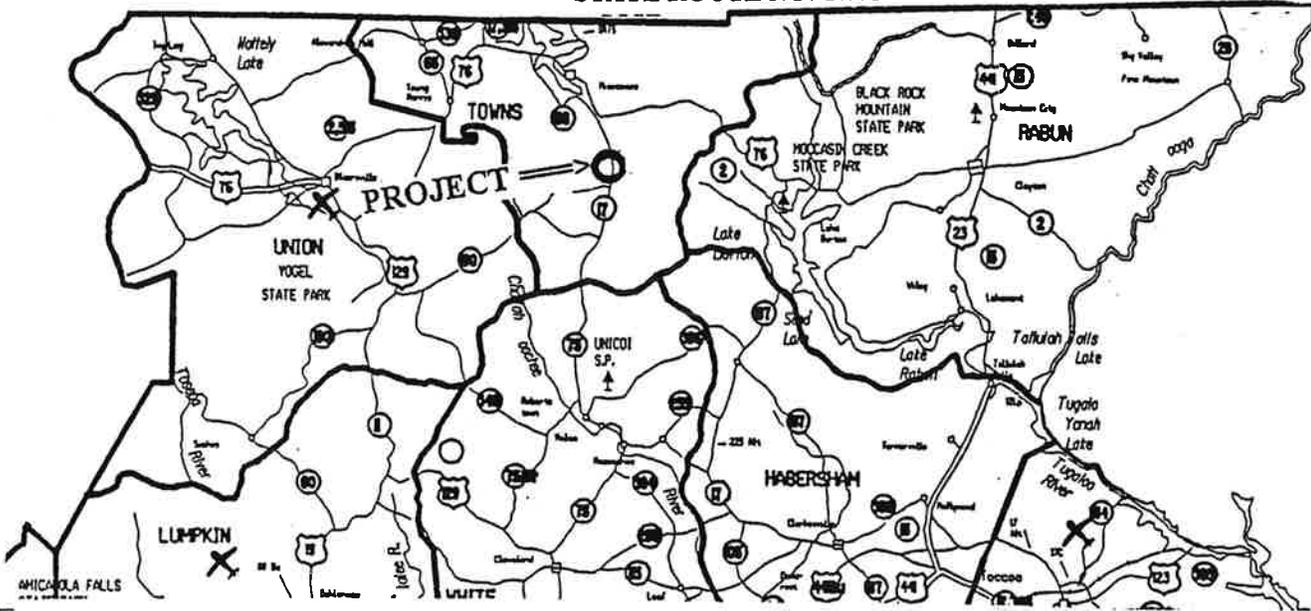
\_\_\_\_\_  
State Bridge & Structural Engineer

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
DISTRICT ONE

PROJECT CONCEPT REPORT

PROJECT NUMBER: BR-0000-00(301)  
TOWNS COUNTY  
P. I. NO. 0000301

U.S. ROUTE NO: N/A  
STATE ROUTE NO: 17/75



RECOMMENDATION FOR APPROVAL:

DATE 2/27/01

DATE 2/27/01

*Paul J. Denton*  
Project Manager

*Larry Denton*  
Office Head/District Engineer

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DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Traffic Operations Engineer

DATE 2/27/01

*Larry E. Denton*  
District Engineer

DATE \_\_\_\_\_

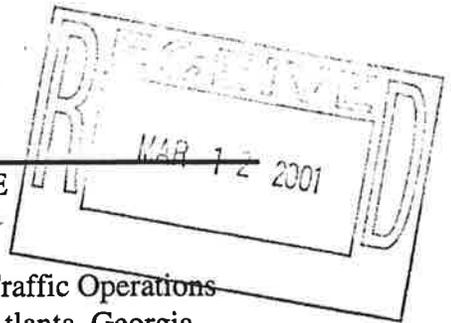
\_\_\_\_\_  
Project Review Engineer

DATE 3/2/01

*Paul V. Miles Jr*  
State Bridge & Structural Engineer

Department of Transportation  
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE



File: BR-0000-00(301)/Townns County  
P.I. No. 000301

Office: Traffic Operations  
Atlanta, Georgia

Date: March 1, 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 concept report, on the above referenced project, for the replacement of the structurally deficient bridge on SR 17/75 over the Hiawassee River. This project is located 6.5 miles south of Hiawassee.

The existing structure is 26.5 feet wide with a sufficiency rating of 48.5. The concept proposes to construct a new structure 44 feet wide for the two-lane roadway. The current ADT is 3400 with a design year, 2027, ADT estimated at 5100. 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 Kepler  
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

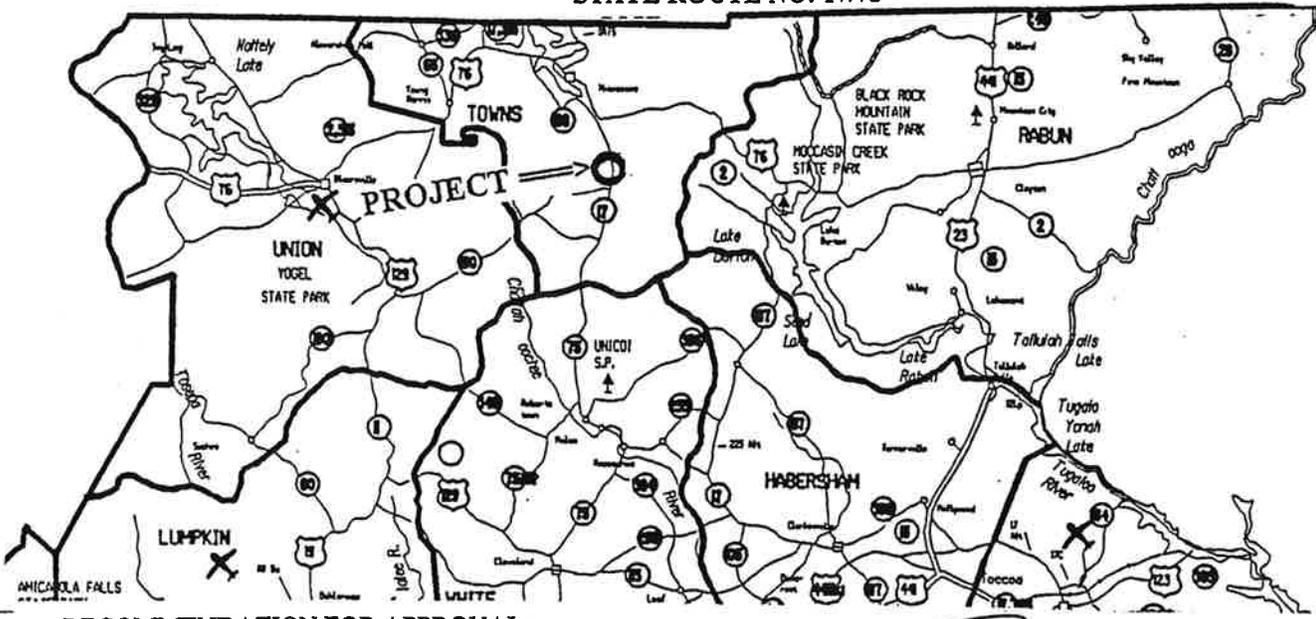
P. I. NO:

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
DISTRICT ONE

PROJECT CONCEPT REPORT

PROJECT NUMBER: BR-0000-00(301)  
TOWNS COUNTY  
P. I. NO. 0000301

U.S. ROUTE NO: N/A  
STATE ROUTE NO: 17/75



RECOMMENDATION FOR APPROVAL:

DATE 2/27/01  
DATE 2/27/01

*John Jay*  
Project Manager  
*Larry Denton*  
Office Head/District Engineer

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DATE \_\_\_\_\_  
DATE \_\_\_\_\_

\_\_\_\_\_  
State Planning Administrator  
\_\_\_\_\_  
State Transportation Programming Engineer  
\_\_\_\_\_  
State Environmental/Location Engineer  
*Marion ...*  
State Traffic Operations Engineer  
*Larry E. Denton*  
District Engineer  
\_\_\_\_\_  
Project Review Engineer  
\_\_\_\_\_  
State Bridge & Structural Engineer