

ORIGINAL TO GENERAL FILES

D.O.T. 66

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

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



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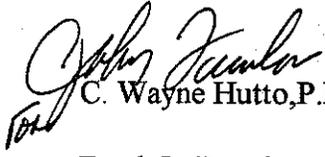
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**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE BR-0000-00(304) Towns County **OFFICE** Preconstruction
P.I. No. 0000304
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 functionally obsolete and structurally deficient bridge on SR 66 over Brasstown Creek, 0.5 mile northwest of Young Harris, Georgia. The existing bridge, constructed in 1940, consists of concrete bents, concrete T-beam superstructure, concrete deck with a sufficiency rating of 67. 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 66 is a two lane rural (24') roadway with a speed limit of 45 MPH. The base year traffic (2007) along this section of SR 66 is 3,100 VPD. The 20 year (2027) or design year volume is 4,600 VPD. The proposed design speed is 45 MPH.

The construction proposes to construct a new 120' x 44' concrete bridge over Brasstown Creek at the existing bridge site. The approaches will consist of two, 12' lanes with 10' rural shoulders (2' paved). The construction will be staged with one lane maintained (with temporary signal) on the existing bridge while a part of the new bridge is built. Traffic will then be redirected onto part of the new bridge while the old bridge is removed and the remaining new bridge is constructed.

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)	\$922,000	\$802,000	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(304) Towns

March 9, 2001

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

CWH:JDQ/cj

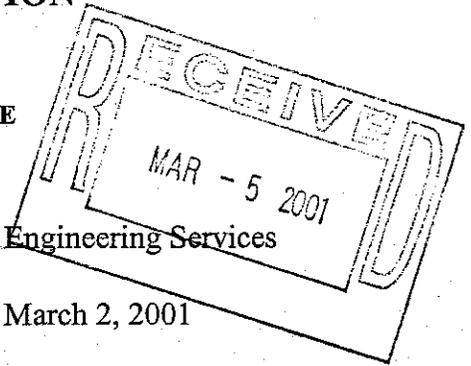
Attachment

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(304) Towns
P.I. Number 0000304

OFFICE: Engineering Services

DATE: March 2, 2001

FROM: David Mulling, Project Review Engineer *DM*

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 the following comments:

1. We agree that existing H-15 designed bridges on state routes should be replaced instead of widened.
2. The existing bridge meets the criteria for rehabilitation under the Highway Bridge Replacement and Rehabilitation Program, but because the 67.1 sufficiency rating is above 50 the existing bridge does not meet the criteria for replacement. The replacement does not qualify for federal bridge replacement funds.

The costs for the project are:

Construction	\$729,000
Inflation	\$109,000
E&C	\$ 84,000
Reimbursable Utilities	\$ 0
Right of Way	\$ 40,000

DTM

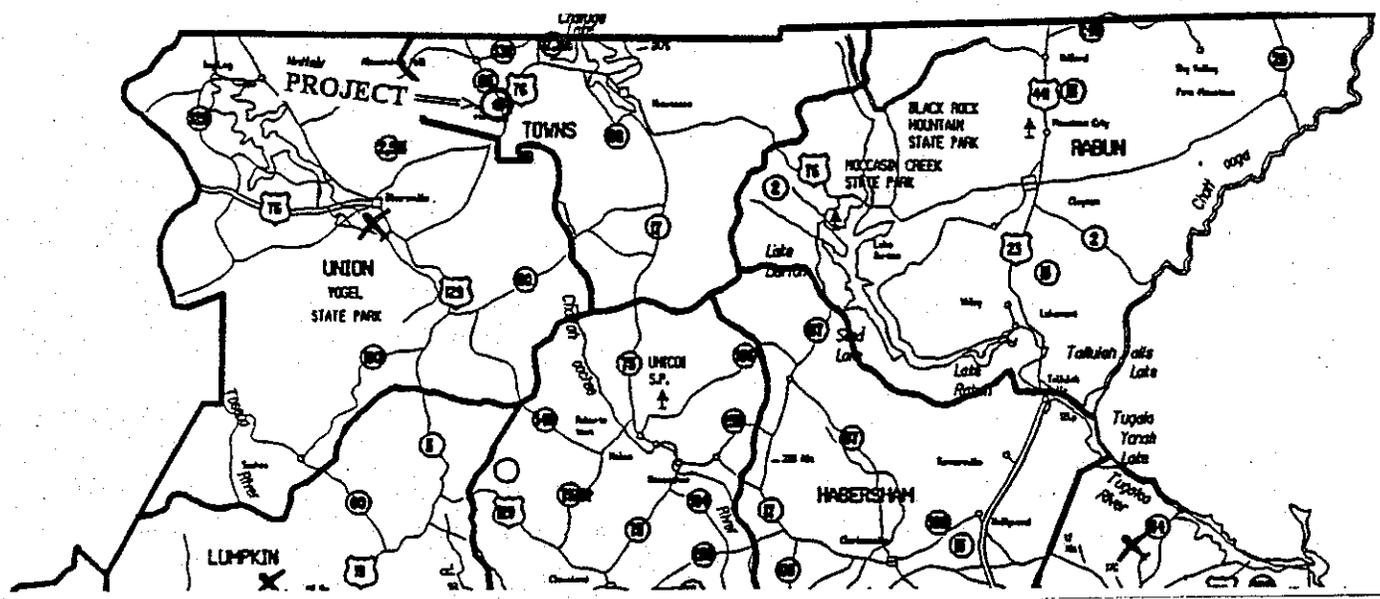
c: Todd Long – District 1 Preconstruction

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
DISTRICT ONE

PROJECT CONCEPT REPORT

PROJECT NUMBER: BR-0000-00(304)
TOWNS COUNTY
P.I. NO. 0000304

U.S. ROUTE NO: N/A
STATE ROUTE NO: 66



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 _____
DATE _____

State Planning Administrator

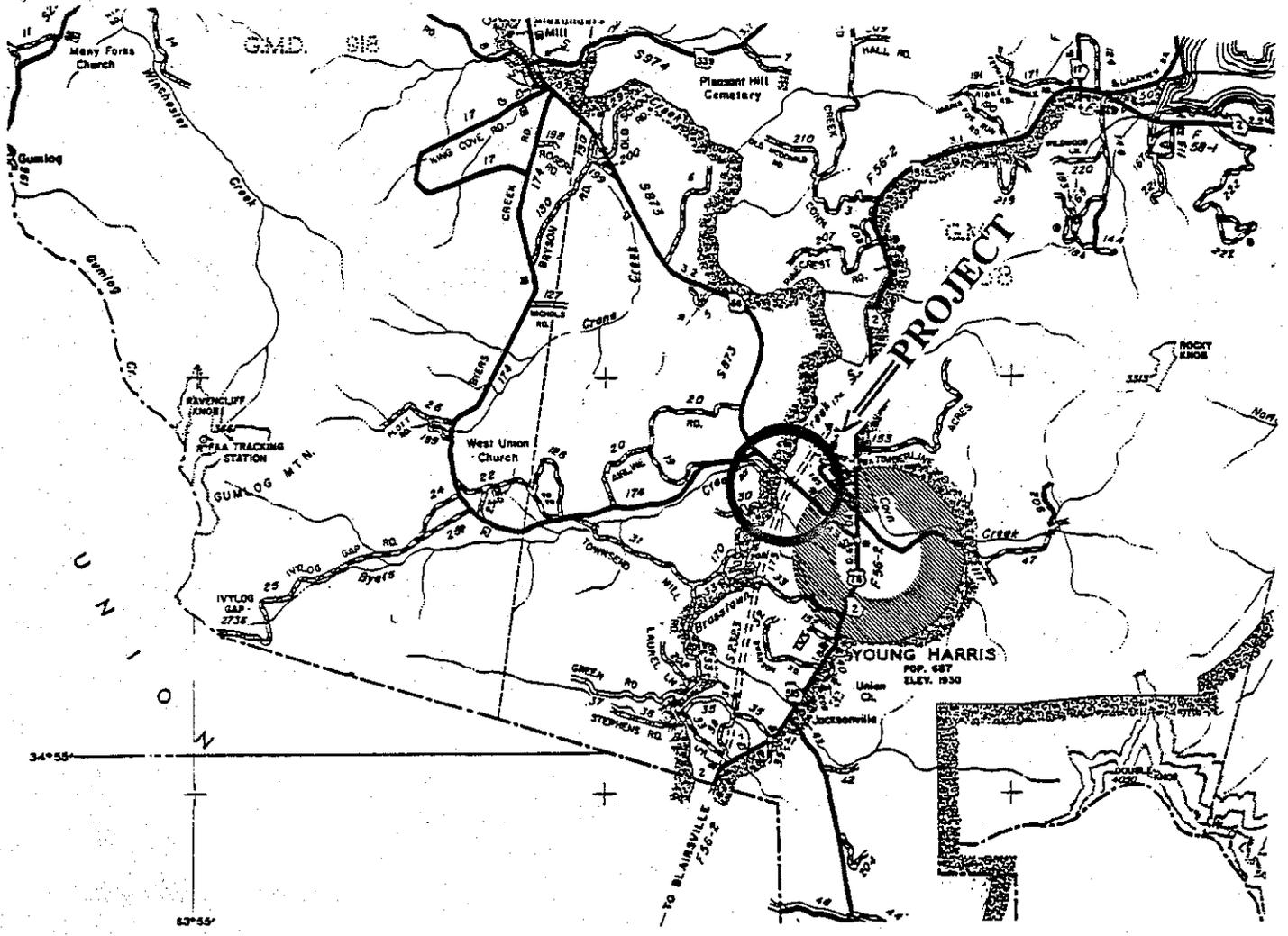
State Transportation Programming Engineer

State Environmental/Location Engineer

State Traffic Operations Engineer
[Signature]
District Engineer

Project Review Engineer

State Bridge & Structural Engineer



PROJECT MAP - Project No. : BR-0000-00(304), Towns County

PROJECT LOCATION & DESCRIPTION

Project BR-0000-00(304), Towns County proposes to replace the existing bridge on SR 66 over Brasstown Creek. The bridge is located 0.5 miles northwest of Young Harris. The project proposes to construct a new bridge over Brasstown Creek.

PROJECT LENGTH: 0.22 miles

TRAFFIC

CURRENT		PROJECTED	
YEAR	AADT	YEAR	AADT
2007	3100	2027	4600

PROJECT NEED & PURPOSE

SR 66 is a major connector route from the western area of Towns County to the City of Young Harris area which are heavy recreation and work destinations. SR 66 is the only connector route between Towns and Warne, North Carolina. The existing bridge was built in 1940 and consists of concrete bents, concrete T-beam superstructure, and a concrete deck. The original design load capacity is H-15. The sufficiency rating on the structure is 67.1, and the bridge is classified as Functionally Obsolete. The structure is in need of widening. In accordance with DOT policy 2405-1, the office of bridge design recommends that this bridge be replaced due to unacceptable load capacity. Due to this criteria no additional cost analysis or coring by the lab will be required.

Structure ID 281-0015-0 / Location ID 281-00066D-000.51N

PDP Classification:

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

Functional Classification: Major Collector

U.S. Route Number(s): N/A **State Route Number(s):** 66

EXISTING DESIGN

POSTED SPEED: 45 MPH MAX DEGREE OF CURVE: 0 MAXIMUM GRADE: 8 %

TYPICAL SECTION: Two lane rural 24' roadway.

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

FEATURE INTERSECTED: Brasstown Creek

SUFF. RATING: 67.1 LENGTH: 120 feet WIDTH: 27.9 feet

PROPOSED DESIGN

DESIGN SPEED: 45 MPH MAX DEGREE OF CURVE: 0 MAXIMUM GRADE: 8 %

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 120' long.

PROPOSED RIGHT OF WAY		
R/W WIDTH Min. 100 feet w/ temporary easements	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 COMITMENTS: LGPA signed February 7,2000 for utility relocations
TIME SAVING PROCEDURES APPROPRIATE: Yes
OTHER PROJECTS IN THE AREA: BR-0000-00(305), 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.(Eliminated due to environmental concerns)
3.	Construct new bridge parallel and offset from existing, abandon or demolish existing bridge. (Eliminated due to environmental concerns.)
4.	Construct half of new bridge and maintain traffic with a temporary signal. (Selected due to low traffic volumes and environmental concerns.)
5.	Close road, demolish existing bridge and construct new bridge on existing alignment. (Eliminated due to long detour route.)

ESTIMATED COST			
CONSTRUCTION:	\$ 728,900	RIGHT-OF-WAY:	\$40,000
E & C (10) :	\$ 72,890	ACQUIRED BY :	GDOT
INFLATION :	\$ 114,893	UTILITIES :	0
		ADJUSTED BY :	LGPA
TOTAL CONSTRUCTION COST:		\$ 916,683	

COMMENTS: None

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

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: BR-0000-00(304)

COUNTY: Towns

DATE: January 12, 2001

ESTIMATED LETTING DATE: 2005

PREPARED BY: Tony R. Bradley

PROJECT LENGTH: 0.22 miles

PROJECT COST	
A. RIGHT-TO-WAY:	
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. REIMBURSABLE UTILITIES:	
1. RAILROAD	\$
2. TRANSMISSION LINES	\$
3. SERVICES	\$
SUBTOTAL:B	\$ 0
C. CONSTRUCTION:	
1. MAJOR STRUCTURES	
a. OVERPASSES-Bridge @ Brasstown Creek (44'X120') @ \$70/SF	\$ 369,600
b. APPROACH SLAB - 260 SY @ \$90/SY, 2 spillways @ \$1,200 EA	\$ 28,500
SUBTOTAL:C-1	\$ 398,100
2. GRADING AND DRAINAGE:	
a. EARTHWORK - Grading Complete	\$ 50,000
b. DRAINAGE:	
1) Cross Drain Pipe	\$
2) Curb and Gutter	\$
3) Longitudinal System(include catch basins)	\$
SUBTOTAL:C-2	\$ 50,000

PROJECT COST		
3. BASE AND PAVING:		
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
4. LUMP ITEMS:		
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
5. MISCELLANEOUS:		
a. LIGHTING – Temporary signals (2 @ \$35,000)		\$ 70,000
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		\$111,800
6. SPECIAL FEATURES	SUBTOTAL:C-6	\$ 0

ESTIMATE SUMMARY

ESTIMATE SUMMARY	
A. RIGHT-OF-WAY	\$ 40,000 GDOT
B. REIMBURSABLE UTILITIES	\$ 0
C. CONSTRUCTION	
1. MAJOR STRUCTURES	\$398,100
2. GRADING AND DRAINAGE	\$ 50,000
3. BASE AND PAVING	\$ 85,500
4. LUMP ITEMS	\$ 83,500
5. MISCELLANEOUS	\$ 111,800
6. SPECIAL FEATURES	\$
SUBTOTAL CONSTRUCTION COST	\$728,900
E. & C. (10%)	\$ 72,890
INFLATION (5% PER YEAR for 3 years)	\$114,893
TOTAL CONSTRUCTION COST	\$916,683
GRAND TOTAL PROJECT COST	\$956,683

NOTICE OF LOCATION AND DESIGN APPROVAL

BR-0000-00(304)
Towns County
P.I. No. 0000304

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 66 over the Brasstown Creek. GMD 918.

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

CONCEPT TEAM MEETING MINUTES

BR-0000-00(304) Towns County

P.I. NO. 0000304

SR 66 over Brasstown Creek

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.

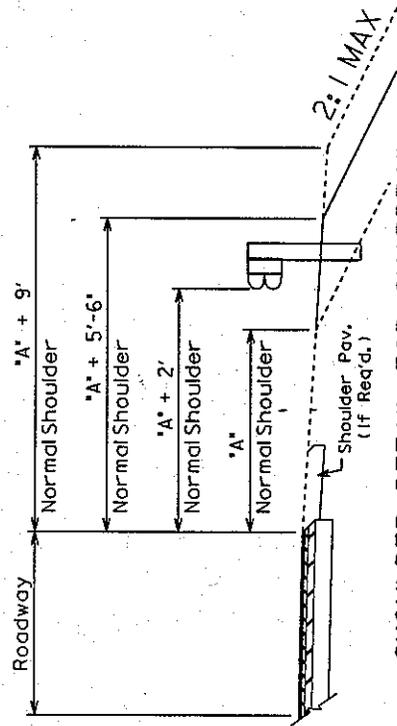
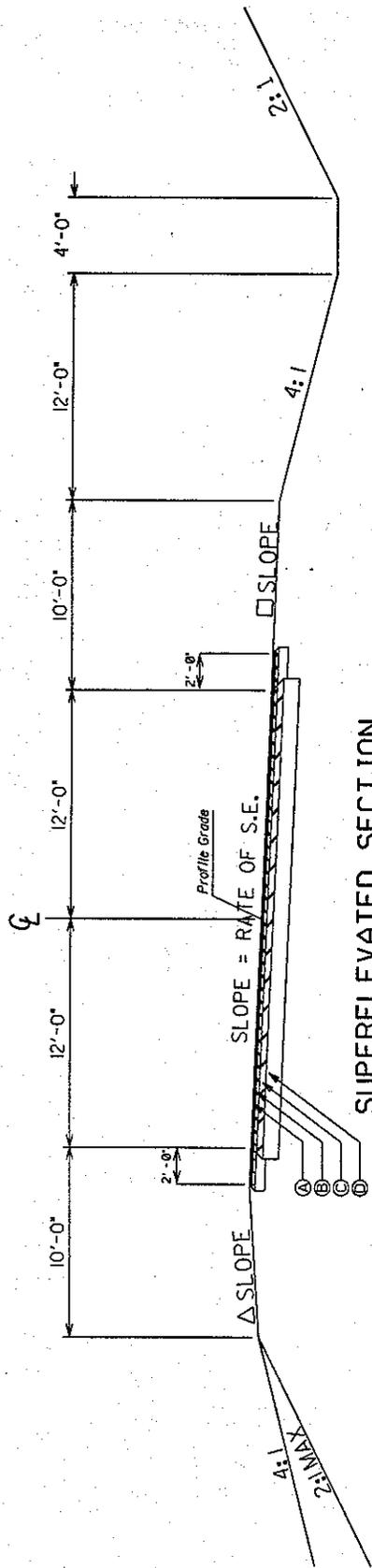
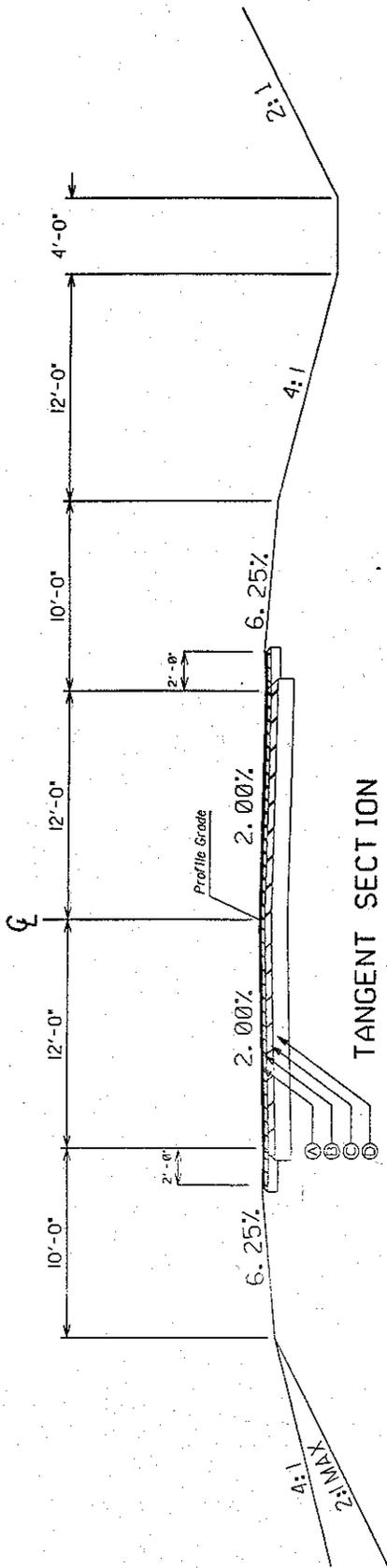
Tony R. Bradley gave an overview of the proposed project and the project schedule.

There was some discussion about closing the road, but the decision was to maintain one lane with a temporary signal.

Todd Long suggested we include a photo in the concept report.

There were no other comments.

The meeting was adjourned at 10:00 AM.



BR-0000-00(304)TOWNS CO.
 P.I. NO. 0000304

TYPICAL SECTION



Department of Transportation

ORIGINAL
GENERAL FILES

WAYNE SHACKELFORD
COMMISSIONER
(404)656-5206

State of Georgia
#2 Capitol Square, S.W.
Atlanta, Georgia 30334-1002
January 27, 2000

RECEIVED

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

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

FEB 10 2000

BILLY F. SHARP
TREASURER
(404)656-5224

OFFICE OF PROGRAMMING

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(304) TOWNS CO., PI # 0000304:

BRIDGES

SR 66 @ BRASSTOWN CREEK .5 MI NW OF YOUNG HARRIS

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 7th day of feb, 2000

APPROVED Jack Dayton
City/County Official



BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 1-0015-0
 Programming Data

Towns County

SUFF. RA. 3: 67.3

201 Project No: WPA-1669
 202 Plans Available: 1
 249 Prop. Proj No: BR-0000-00 (304)
 250 Approval Status: 0000
 251 P.J. No: 000000
 252 Contract Date: 0000
 260 Seismic No: 00007
 75 Type Work: 34 1
 94 Bridge Imp. Cost: \$ 144
 95 Roadway Imp. Cost: \$ 233
 96 Total Imp. Cost: \$ 454
 76 Imp. Length: 001440
 97 Imp. Year: 1990
 114 Future ADT: 003300 Year: 2017

Hydraulic Data

215 Waterway Data
 Highway Elev: 0000.0 Year: 0000
 Flood Elev: 0000.0 Freq: 000
 Drainage Area: 00000
 Area of Opening: 000000
 113 Scour Critical: 6
 216 Water Depth: 2.1 Br Height: 10.8
 222 Slope Protection: 0
 221 Spur Dikes Rear: 0 Fwd: 0
 219 Fender System: 0
 220 Dolphin: 0
 223 Culvert Cover:
 Type: 0
 No Barrels: 0
 Width: 0.0
 Height: 0.0
 Length: 0
 Apron: 0
 * 265 U/W Insp. Area: 0 Diver: ZZZ

Measurements

* 29 ADT: 002200 Year: 1997
 109 % Trucks: 9
 * 28 Lanes On: 02 Under: 00
 210 No. Tracks On: 00 Under: 00
 * 48 Max. Span Length: 0030
 * 49 Structure Length: 120
 51 Br. Rdwy. Width: 23.9
 52 Deck Width: 27.9
 * 47 Tot. Horz. Cl: 23.9
 50 Curb/Sdewlk Width: 0.9/0.9
 32 Approach Rdwy Width: 024
 * 229 Shlder Width:
 Rear Lt: 5.1 Type: 8 Rt: 5.3
 Fwd Lt: 7.7 Type: 8 Rt: 5.7
 Pvmnt Width:
 Rear: 24.2 Type: 2
 Fwd: 24.1 Type: 2
 Intersection Rear: 0 Fwd: 1
 36 Safety Features Br. Rail: 2
 Transition: 2
 App. G. Rail: 1
 App. Rail End: 2
 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: 7.5
 Deck Thick Approach: 0.0
 246 Overlay Thickness: 0.0
 211 Tons Structural Steel: 0.0
 212 Year Last Painted: Sup: 0000 Sub: 0000

Ratings

66 Inventory Type: 2 Rating: 24
 64 Operating Type: 2 Rating: 40
 231 Calculated Loads
 H-Modified: 20 0
 HS-Modified: 25 0
 Type 3: 28 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: 6
 59 Superstructure Condition: 7
 * 227 Collision Damage: 0
 60A Substructure Condition: 7
 60B Scour Condition: 8
 60C Underwater Condition: N
 71 Waterway Adequacy: 8
 61 Channel Protection Cond: 7
 68 Deck Geometry: 2
 69 UnderClr. Horz/Vert: N
 72 Appr. Alignment: 8
 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 0

* Location I.D. No: 281-00066D-000.51N
 * XReferen I.D. No: 000-000000-000.000

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 281-0015-0
 Location & Geography

Towns County

SUFF. RA. 3: 67.3

Signs & Attachments

* Structure I.D. No.: 281-0015-0
 * 200 Bridge Information: 06
 * 6A Feature Int.: BRASSTOWN CREEK
 * 6B Critical Bridge: 0
 * 7A Route Number Carried: SR00066
 * 7B Facility Carried: SR 66
 * 9 Location: .5 MI NW OF YOUNG HARRIS
 * 2 DOT District: 1
 * 207 Year Photo: 1998
 * 91 Inspection Frequency: 24 Date: 06/23/1998
 * 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: 00066
 * Direction: 0
 * 16 Latitude: 34-56.4
 * 17 Longitude: 83 -51.4
 * 98 Border Bridge: 000 %Shared: 00
 * 99 ID Number: 0000000000000000
 * 100 Defense Highway: 0
 * 101 Parallel Structure: N
 * 102 Direction of Traffic: 2
 * 264 Road Inventory Mile Post: 000.55
 * 208 Inspection Area: 01 Initials: JAA
 * Location I.D. No: 281-00066D-000.51N
 * XReferen I.D. No: 000-000000-000.000

* 104 Highway System: 0
 * 26 Functional Classification: 07
 * 204 Federal Route Type: S No: 00873
 * 110 Truck Route: 0
 * 206 School Bus Route: 1
 * 217 Benchmark Elevation: 0.00
 * 218 Datum: 0
 * 19 Bypass Length: 5
 * 20 Toll: 3
 * 21 Maintenance: 01
 * 22 Owner: 01
 * 31 Design Load: 2
 * 37 Historical Significance: 5
 * 205 Congressional District: 09
 * 27 Year Constructed: 1940
 * 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: 1 Membrane: 0 Protection: 8

223 Expansion Joint Type: 02
 242 Deck Drains: 1
 243 Parapet Location: 0 Height: 0 Width: 0
 238 Curb: 1.21
 239 Handrail: 11
 * 240 Median Barrier Rail: 0
 241 Bridge Median Height: 0 Width: 0
 * 230 Guardrail Loc Dir Rear: 3 Fwr: 3
 Oppo Dir Rear: 0 Fwr: 0
 244 Approach Slab: 0
 224 Retaining Wall: 0
 233 Posted Speed Limit: 45
 236 Warning Sign: 1
 234 Delineator: 1
 235 Hazard Boards: 1
 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

To: **Bradley, Tony**
Subject: P.I. Nos. 0000304 & 0000305 Towns Co.

Department of Transportation State of Georgia

INTERDEPARTMENT CORRESPONDENCE

FILE BR-0000-00(304) Towns County OFFICE Environment/ Location
BR-0000-00(305) Towns County
DATE October 16, 2000

FROM Harvey D. Keepler, State Environmental/ Location Engineer

TO Larry Dent, District Engineer, Gainesville
Attn: Tony Bradley

SUBJECT SR 66 @ Brasstown Creek .5 MI. NW of Young Harris
SR 66 @ Crooked Creek 3.2 MI. NW of Young Harris

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

BR-0000-00(304)

2007 ADT = 3100
2027 ADT = 4600
K = 9%
D = 65%
T = 7%
24 HR T = 10%
SU = 4%
COMB = 6%

BR-0000-00(305)

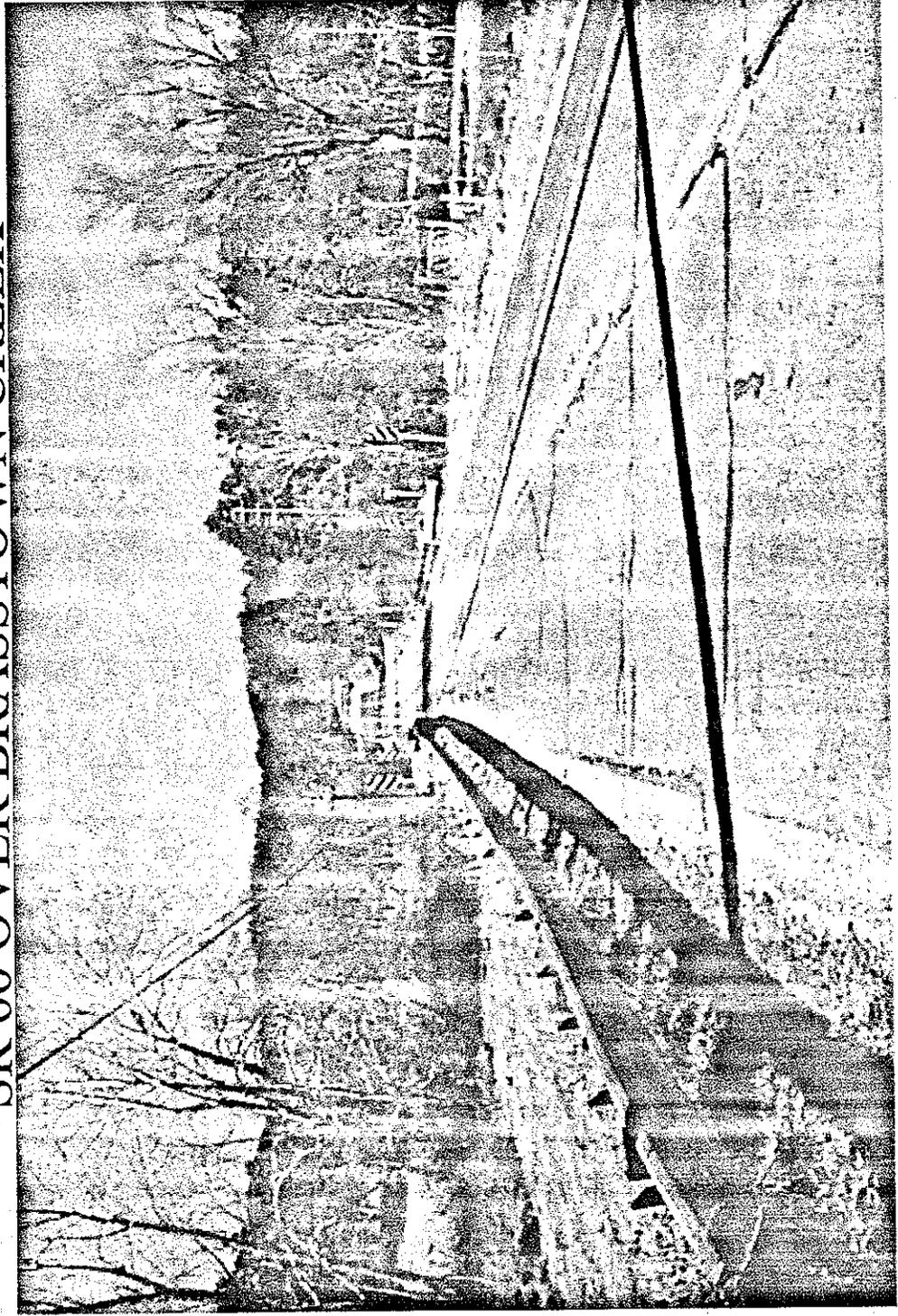
2007 ADT = 2500
2027 ADT = 3700
K = 9%
D = 65%
T = 7%
24 HR T = 10%
SU = 4%
COMB = 6%

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

BR-000-00(304) TOWNS COUNTY

P.I. NO. 0000304

SR 66 OVER BRASSTOWN CREEK

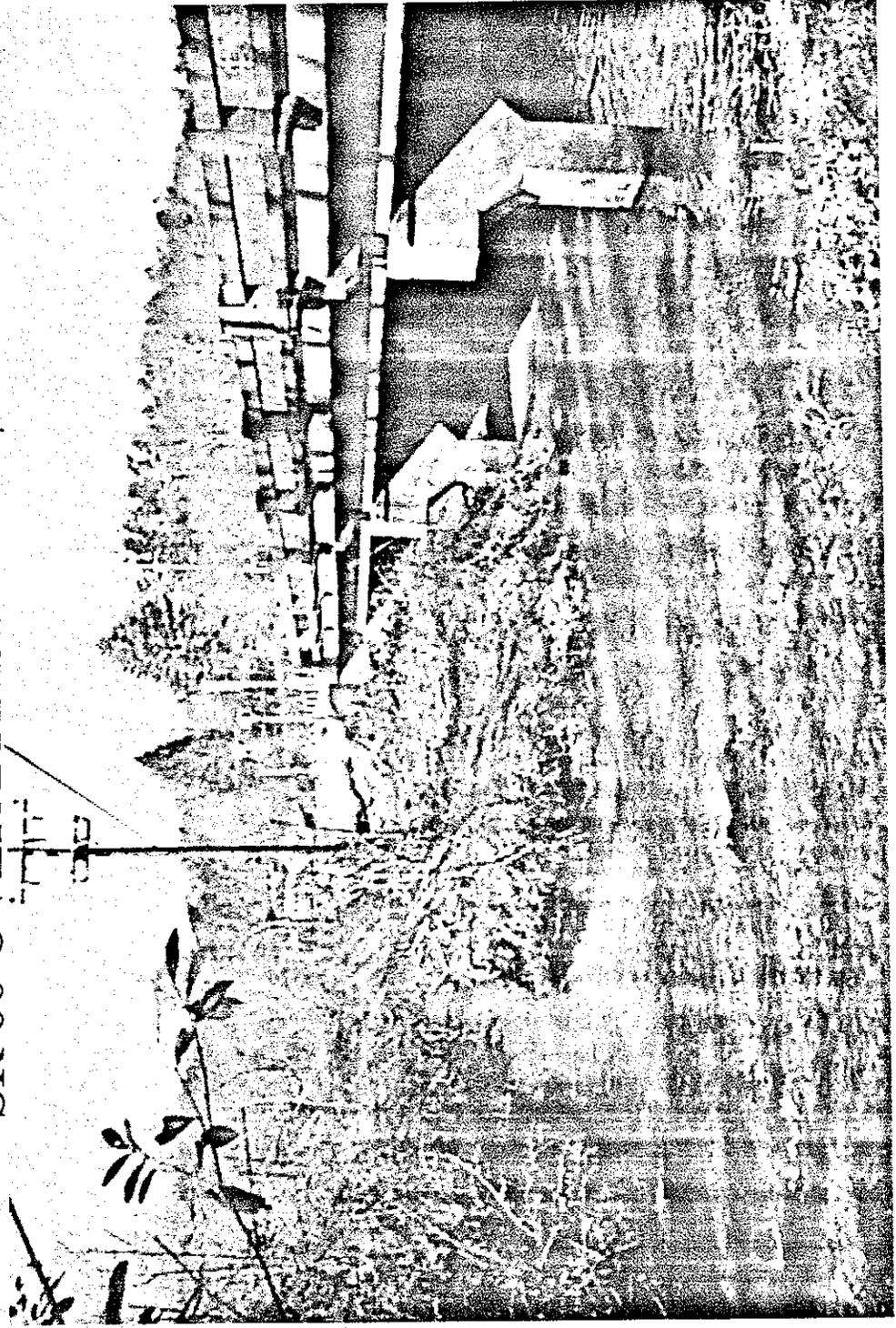


01/23/01

BR-000-00(304) TOWNS COUNTY

P.I. NO. 0000304

SR 66 OVER BRASSTOWN CREEK



01/23/01

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
DISTRICT ONE

PROJECT CONCEPT REPORT

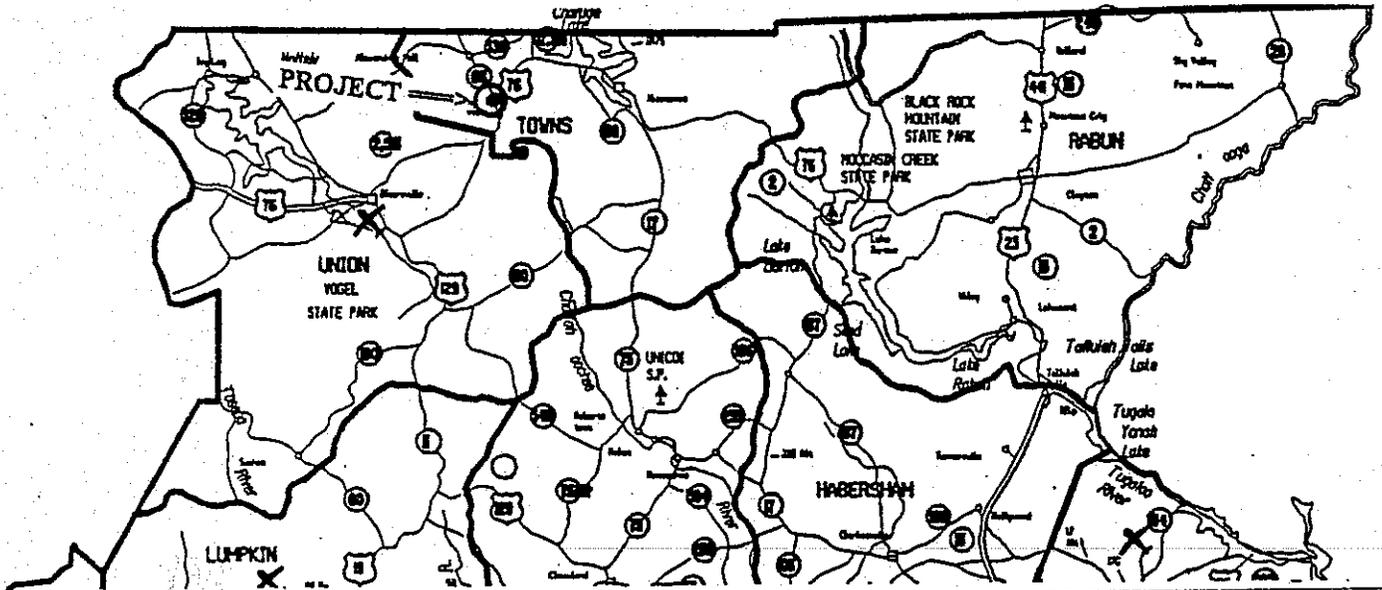
PROJECT NUMBER: BR-0000-00(304)

TOWNS COUNTY

P.I. NO. 0000304

U.S. ROUTE NO: N/A

STATE ROUTE NO: 66



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 _____

State Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Operations Engineer

DATE 2/27/01

[Signature]
District Engineer

DATE 3/2/01

[Signature]
Project Review Engineer

DATE _____

State Bridge & Structural Engineer

MBP
from

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
DISTRICT ONE

PROJECT CONCEPT REPORT **RECEIVED**

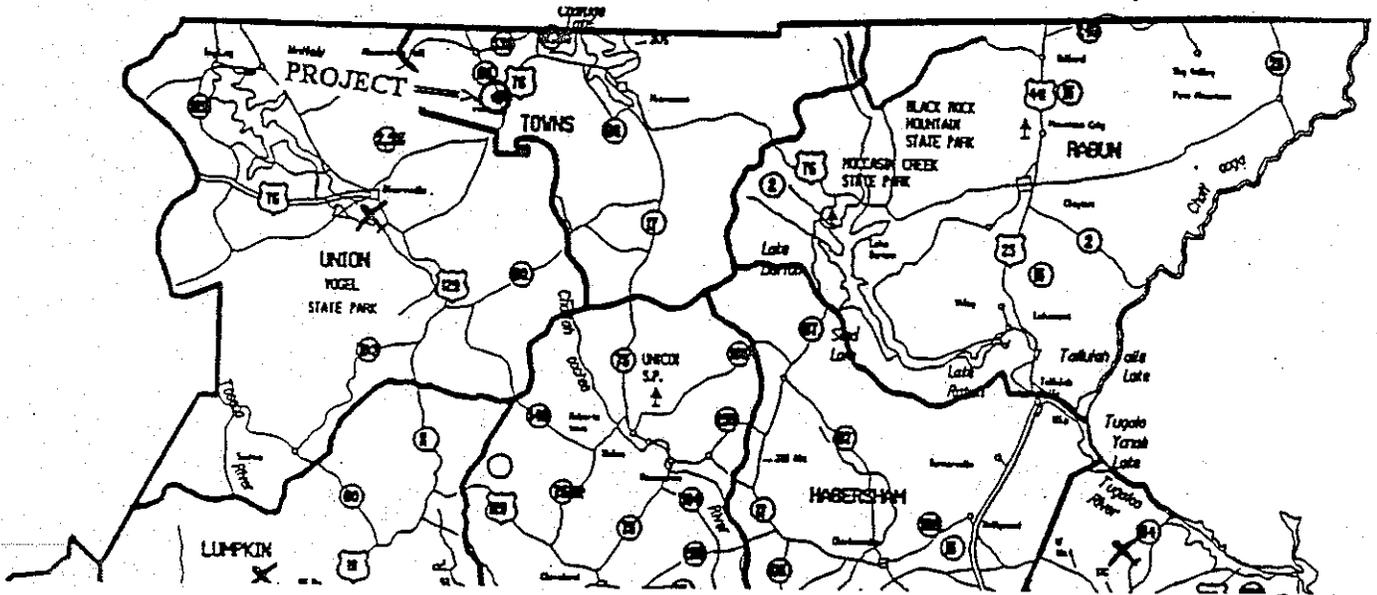
PROJECT NUMBER: BR-0000-00(304)
TOWNS COUNTY
P.I. NO. 0000304

FEB 07 2001

OFFICE OF PROGRAMMING

U.S. ROUTE NO: N/A
STATE ROUTE NO: 66

(2) *MBP*
Kate M



RECOMMENDATION FOR APPROVAL:

DATE _____

DATE _____

Project Manager

Office Head/District Engineer

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DATE _____

DATE *1/14/01*

DATE _____

DATE _____

DATE _____

DATE _____

DATE _____

State Planning Administrator

Harold J. Griffin
State Transportation Programming Engineer

State Environmental/Location Engineer

State Traffic Operations Engineer

District Engineer

Project Review Engineer

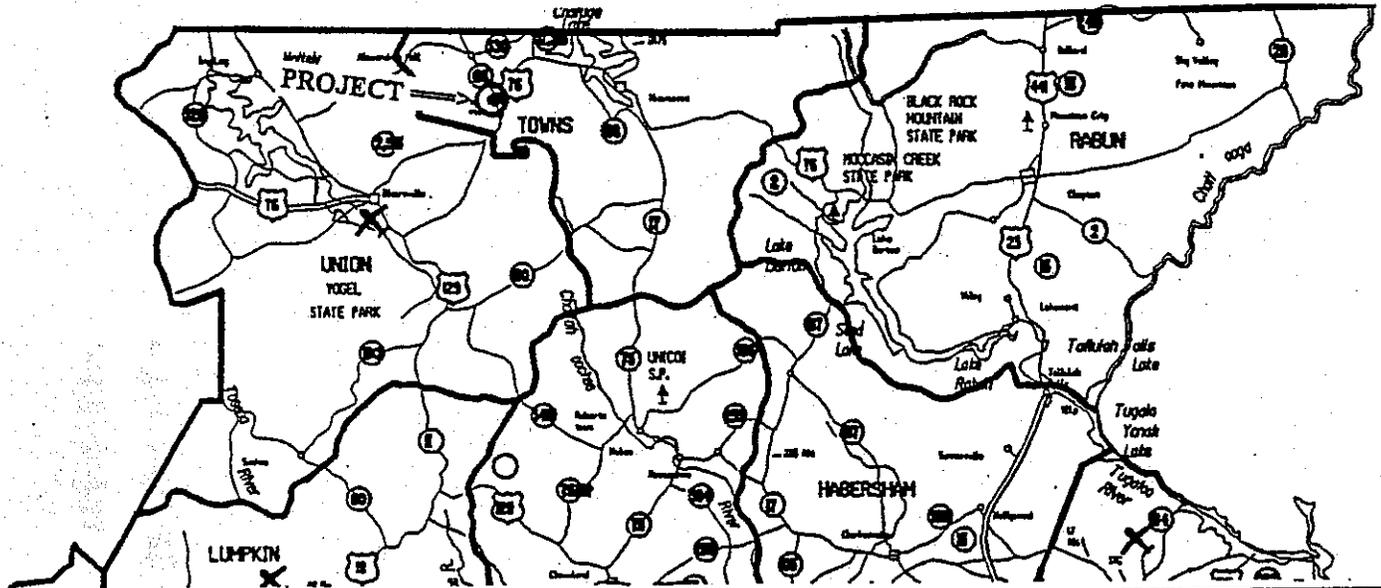
State Bridge & Structural Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
DISTRICT ONE

PROJECT CONCEPT REPORT

PROJECT NUMBER: BR-0000-00(304)
TOWNS COUNTY
P.I. NO. 0000304

U.S. ROUTE NO: N/A
STATE ROUTE NO: 66



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State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Operations Engineer

DATE 2/27/01

District Engineer

DATE _____

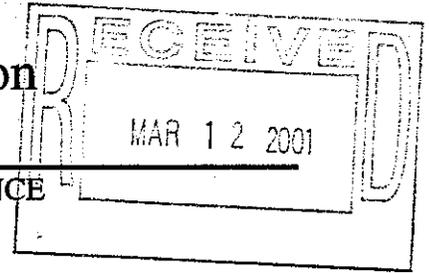
Project Review Engineer

DATE 3/2/01

State Bridge & Structural Engineer

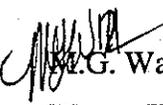
Department of Transportation
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE



File: BR-0000-00(304)/Towns County
P.I. No. 000304

Office: Traffic Operations
Atlanta, Georgia
Date: March 1, 2001

From:  W.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 functionally obsolete bridge on SR 66 over Brasstown Creek. This project is located 0.5 miles northwest of Young Harris.

The existing structure is 27.9 feet wide with a sufficiency rating of 67.1. The concept proposes to construct a new structure 44 feet wide for the two-lane roadway. The current ADT is 3100 with a design year, 2027, ADT estimated at 4600. 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
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

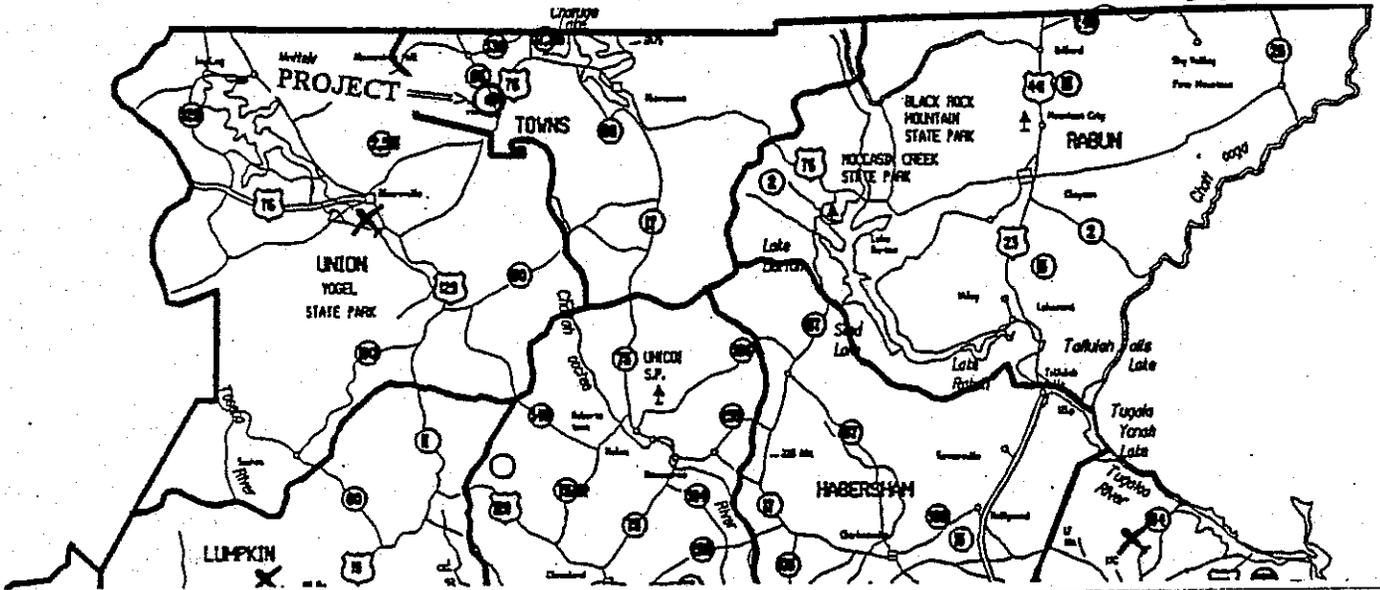
PROJECT NUMBER: BR-0000-00(304)

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STATE ROUTE NO: 66



RECOMMENDATION FOR APPROVAL:

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[Signature]
Project Manager
[Signature]
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DATE _____

DATE _____

DATE 03/05/01

DATE 2/27/01

DATE _____

DATE _____

State Planning Administrator

State Transportation Programming Engineer

State Environmental/Location Engineer

[Signature]
State Traffic Operations Engineer

[Signature]
District Engineer

Project Review Engineer

State Bridge & Structural Engineer

