

D.O.T. 66

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** STP-1111(7) Catoosa County **OFFICE** Preconstruction  
P. I. No. 650440 **DATE** June 12, 2001  
**FROM**  C. Wayne Hutto, Assistant Director of Preconstruction  
**TO** SEE DISTRIBUTION

**SUBJECT** NOTICE OF LOCATION AND DESIGN APPROVAL

Attached for your further handling is the approved Location and Design Report on the above subject project.

Also attached is the Notice of Location and Design Approval. This is authorization for the District to proceed with advertisement.

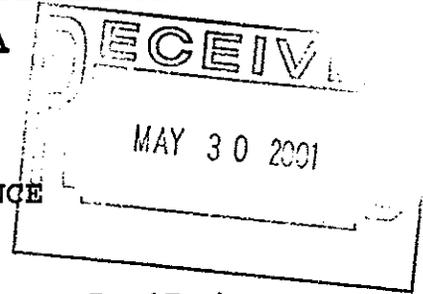
CWH/cj

Attachment

**DISTRIBUTION:**

Tom Turner  
David Mulling  
Harvey Keepler  
Herman Griffin  
Paul Liles  
Marion Waters  
Jerry Hobbs  
Marta Rosen  
Jimmy Chambers  
Kimberly Hudgins(for the Board)  
Jim Kennerly  
Kent Sager

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA



INTERDEPARTMENT CORRESPONDENCE

FILE STP-1111(7) Catoosa County  
P.I. No. 650440  
FROM *For* James A. Kennerly, State Road and Airport Design Engineer  
TO Wayne Hutto, P.E., Assistant Director of Preconstruction

OFFICE Road Design  
DATE May 24, 2001

SUBJECT Request for Location and Design Approval

**Description:** Project STP-1111(7) proposes to widen and reconstruct an existing two-lane portion of SR 146 / Cloud Springs Road into a four-lane facility consisting of two 12 ft travel lanes in each direction divided by a 20 ft raised grassed median. The project begins at C.R. 56 / Westside Drive and extends eastward to the I-75 interchange. The total project length is approximately 2.4 miles.

Estimated Cost:	Current	Approved
STP-1111(7)		
Construction (incl. E/C)	\$9,331,026	\$4,171,000
Right-of-Way	\$3,551,000	\$1,167,000
Utilities*	\$2,049,400	\$0

\*Catoosa County refused LGPA for utility relocations.

**Concept Approval Date:** The Project Concept Approval date was January 17, 1996. There has been no Revised Concept Report done on this project.

**Concept Update:** Although there has not been a Revised Concept Report done on this project, the Office of Road and Airport Design has updated the cost estimate.

**Environmental Assessment and Reassessment Approval Date:** The NEPA document and the EA/FONSI for this project was approved on September 9, 1999. There was a re-evaluation approved on October 27, 2000.

**Public Involvement:** There was a Public Information Meeting held on July 8, 1997. There was a Public Hearing held on August 3, 1999 at the Catoosa County Courthouse Annex in

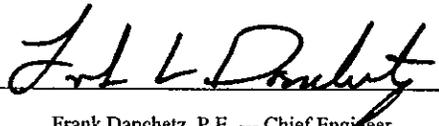
Ringgold, Georgia. A total of 81 people attended this meeting, and the results are shown below:

Responses – 39      Oppose – 10      Support – 23      Uncommitted/Conditional - 6

**Consistency with Approved Planning:** The design description as presented herein and submitted for approval is consistent with the approved Concept Report.

**Recommendations:** The Office of Road and Airport Design recommends that the location and design for project STP-1111(7) be approved and that the attached "Notice" be approved for advertising.

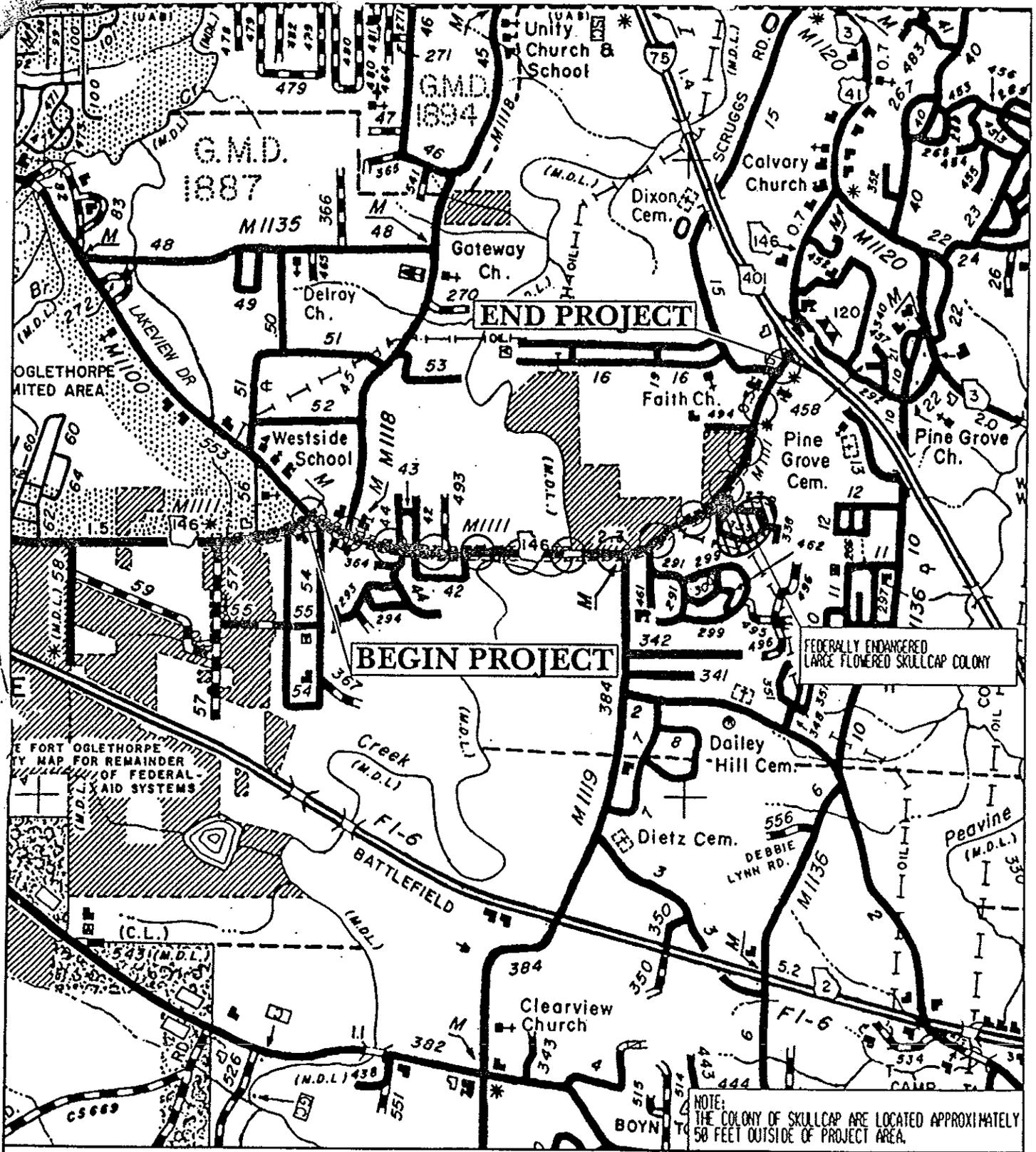
**RECOMMEND:**   
Thomas L. Turner, P.E. -- Director of Preconstruction

**APPROVE:**   
Frank Danchetz, P.E. -- Chief Engineer

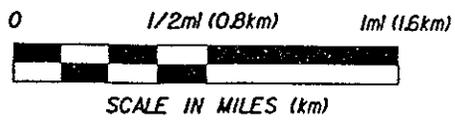
6-8-01  
Date of Approval

**Attachments:**

- \* Sketch Map
- \* Cost Estimate
- \* Notice of Location and Design Approval



NOTE:  
THE COLONY OF SKULLCAP ARE LOCATED APPROXIMATELY  
50 FEET OUTSIDE OF PROJECT AREA.



LOCATION

**PROJECT LOCATION MAP**

STP-1111(7)  
WIDENING SR146 \CLOUD SPRINGS RD.  
CATOOSA COUNTY

P.I.# 650440

SOURCE: GENERAL HIGHWAY MAP, CATOOSA CO., GEORGIA  
PREPARED BY THE GEORGIA DEPARTMENT OF TRANSPORTATION, 1999

## Project Cost Estimate

**Project:** STP-1111(7) Catoosa

**P.I.No.** 650440

**Descrpt:** Widen & Reconstruct S.R.146/Cloud Springs Road up to I-75 in Catoosa County.

**PE Auth:** 2/26/92

**STIP R/W Year:** 2001

**Rdy-To-Let:** 03-07

**Construction Estimate:**.....\$9,331,026

Major Structures	\$1,600,000
Grading & Drainage	\$2,094,000
Base & Paving	\$2,527,000
Lump Items	\$1,123,000
Miscellaneous	\$22,000
E&C (10%)	\$719,000
Inflation (3yrs@5%)	\$1,246,026

**Utilities Estimate:**.....\$2,049,400

Reimbursable

North Georgia EMC	\$42,000
Colonial Pipeline	\$1,200,000
AT&T	\$800,000
Battlefield Cable	\$7,400

Non-Reimbursable

Bell South	\$520,000
Atlanta Gas-Light	\$220,022

**Right of Way Estimate:**.....\$3,551,000

Parcel Count = 137

Displacements

11 homes
1 church
1 business

**Total Project Cost:**.....**\$14,931,426**

# PRELIMINARY COST ESTIMATE

Office of Environment/Location

May 7, 2001

County(s)

PI Number  Project Number

Project Name  Project Length  Miles

## Project Description

Widen & Reconstruct S.R.146/Cloud Springs Road from a 2-lane rural section to a 4-lane urban/rural section, 2 lanes in each direction separated by a 20' wide raised median.

## Existing Roadway

## Comments

## TRAFFIC:

Current Design Year  Daily Volume (AADT)

Future Design Year  Daily Volume (AADT)

Concept Estimate

Feasibility Estimate

## Typical Section(s) Used in Estimate

## Typical Section Length

Urban Widening: 2 To 4-Lanes with 20 ft Raised Median Widen Symmetrical	<input type="text" value="2.44"/> Miles
<input type="text"/>	<input type="text"/> Miles
<input type="text"/>	<input type="text"/> Miles
<input type="text"/>	<input type="text"/> Miles
<input type="text"/>	<input type="text"/> Miles
<input type="text"/>	<input type="text"/> Miles

Prepared By

**PROJECT COSTS**

**MAJOR STRUCTURES**

**1. Bridges: Stream Crossings & Grade Separations**

NO	LOCATION	QTY	TYPE *		W(FT)	L(FT)	UNIT COST	TOTAL
			S/G/R	W/N				
1	Over West Chickamauga Creek	1	S	W	68.0	152.0	120.00	1,240,000
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

\* S = Stream Crossing G = Grade Separation R = Railroad W = Widening N = New

**2. Bridge Culverts**

NO	LOCATION	TYPE	SIZE	L(FT)	UNIT COST	TOTAL
		S/D/T/Q	W x H (FT)			
1	West Chickamauga Creek	Triple	10 x 6	121.0	1,487.60	180,000
2						
3						
4						
5						
6						
7						

**3. Walls**

NO	LOCATION	TYPE	H(FT)	L(FT)	UNIT COST	TOTAL
1						
2						
3						
4						

MAJOR STRUCTURES SUBTOTAL \$ 1,420,000

**Typical Section**

Urban Widening: 2 To 4-Lanes with 20 ft Raised Median Widen Symmetrical

Typical Section Length  Miles

Right-of-Way Width  Feet

**GRADING AND DRAINAGE**

**1. EARTHWORK**

- a. Unclassified Excavation Soil
- b. Unclassified Excavation Rock
- c. Borrow Excavation

**2. MINOR DRAINAGE**

QUANTITY	UNIT COST	TOTAL
107222 CY	2.50	268,000
CY	10.00	
175051 CY	3.72	651,000
2.44 MI	\$481,640.93	1,175,000
<b>GRADING AND DRAINAGE SUBTOTAL</b>		<b>\$2,094,000</b>

**GRADING AND DRAINAGE SUBTOTAL**

**\$2,094,000**

**BASE AND PAVING**

**1. GRADED AGGREGATE BASE**

**2. ASPHALT PAVING**

- a. Asph Conc 9.5 mm Superpave
- b. Asph Conc 19 mm Superpave
- c. Asph Conc 25 mm Superpave
- d. Bituminous Tack Coat

**3. CONCRETE PAVING**

- a. Curb and Gutter
- b. Miscellaneous

**4. OTHER PAVING**

THICKNESS AND SPREAD RATE	QUANTITY	UNIT COST	TOTAL
12"	51,533 TN	13.05	673,000
1 1/2" (165 LB/SY)	8,031 TN	34.55	277,000
3" (330 LB/SY)	10,392 TN	34.54	359,000
4" (440 LB/SY)	13,857 TN	34.62	480,000
	7,245 GL	0.82	6,000
	53446.8 LF	9.39	502,000
	0 MI	\$104,677.33	0
			230,000
<b>BASE AND PAVING SUBTOTAL</b>			<b>\$2,527,000</b>

**BASE AND PAVING SUBTOTAL**

**\$2,527,000**

**LUMP ITEMS**

- 1. TRAFFIC CONTROL
- 2. CLEARING AND GRUBBING
- 3. LANDSCAPING
- 4. EROSION CONTROL
- 5. SIGNING/STRIPING
- 6. OTHER

QUANTITY	UNIT COST	TOTAL
2.44 MI	\$115,304.35	281,000
30 AC	6,000	177,000
2.44 MI	\$22,157.41	54,000
2.44 MI	\$71,000.00	173,000
2.44 MI	\$41,218.37	101,000
2.44 MI	\$138,194.64	337,000
<b>LUMP ITEM SUBTOTAL</b>		<b>\$1,123,000</b>

**LUMP ITEM SUBTOTAL**

**\$1,123,000**

**MISCELLANEOUS**

- 1. GUARDRAIL
  - a. GUARDRAIL ANCHORS
- 2. DETOURS

QUANTITY	UNIT COST	TOTAL
1,440 LF	10.11	15,000
16 EA	435.59	7,000
0 MI	300,000.00	0
<b>MISCELLANEOUS SUBTOTAL</b>		<b>\$22,000</b>

**MISCELLANEOUS SUBTOTAL**

**\$22,000**

**SPECIAL FEATURES**

**ESTIMATE SUMMARY**

Typical Section	Section Cost (per mile)
1. Urban Widening: 2 To 4-Lanes with 20 ft Raised Median Widen Symmetrical	\$2,354,000

**PROJECT COST**

A. MAJOR STRUCTURES	\$1,420,000
B. GRADING AND DRAINAGE	\$2,094,000
C. BASE AND PAVING	\$2,527,000
D. LUMP ITEMS	\$1,123,000
E. MISCELLANEOUS	\$22,000
F. SPECIAL FEATURES	\$0
<b>SUBTOTAL CONSTRUCTION COST</b>	<b>\$7,186,000</b>
<b>E. &amp; C. (10%)</b>	<b>\$719,000</b>
<b>INFLATION 3 yrs @ 5 % per yr</b>	<b>\$1,246,026</b>
<b>GRAND TOTAL CONSTRUCTION COST</b>	<b>\$9,151,000</b>

## NOTICE OF LOCATION AND DESIGN APPROVAL

### PROJECT: STP-1111(7) CATOOSA COUNTY

P. I. No. 650440

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 this project.

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

Project STP-1111(7) Catoosa County begins at C.R. 56 / Westside Drive and extends eastward to the I-75 interchange. The project is located in Land Lots 37, 38, 55, 56, 57, 72, 73, 88, 89, and 90 of the 3<sup>rd</sup>, 4<sup>th</sup>, 9<sup>th</sup>, and 28<sup>th</sup> Land Districts of Catoosa County.

Project STP-1111(7) Catoosa County proposes to widen and reconstruct an existing two-lane portion of SR 146 / Cloud Springs Road into a four-lane facility consisting of two 12-foot travel lanes in each direction divided by a 20 ft raised grassed median. The total project length is approximately 2.4 miles. The current bridge over West Chickamauga Creek would be widened to the north to accommodate the roadway widening. The project will provide a safer and more efficient multi-lane facility along SR 146 / Cloud Springs Road by increasing roadway capacity and by correcting substandard horizontal and vertical alignments.

Drawings of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

Ms. Devon Woodworth, Area Engineer  
devon.woodworth@dot.state.ga.us  
1313 North Tibbs Road  
Dalton, GA 30720  
706-272-2211

Any interested party may obtain a copy of the drawings or portions thereof by paying a nominal fee and requesting in writing to:

Mr. James A. Kennerly  
State Road and Airport Design Engineer  
No. 2 Capitol Square, Room 444  
Atlanta, GA 30334  
404-656-5386

Any written request or communication in reference to this project or notice SHOULD include the Project and P.I. Number as noted at the top of this notice.