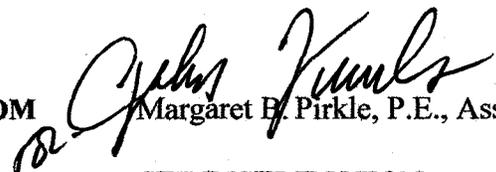


ORIGINAL TO GENERAL FILES

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 611270-, Cherokee County OFFICE Preconstruction  
NH-IM-575-1(33)  
I-575 @SR 20 Interchange Reconstruction DATE June 27 2006

FROM  Margaret B. Pirkle, P.E., Assistant Director of Preconstruction  
TO SEE DISTRIBUTION

SUBJECT APPROVED NOTICE OF LOCATION AND DESIGN

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

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

Attachment

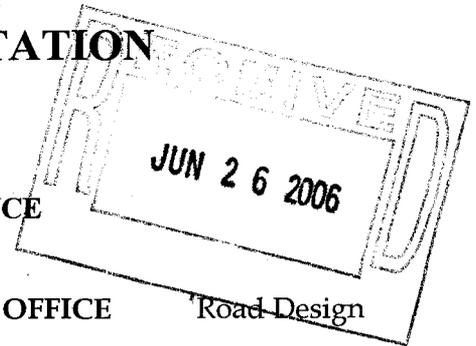
DISTRIBUTION:

Brian Summers  
Harvey Keepler  
Ken Thompson  
Michael Henry  
Keith Golden  
Joe Palladi  
Paul Liles  
Brent Story  
Kent Sager  
BOARD MEMBER

1200

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**



**FILE** NH-IM-575-1(33) Cherokee County  
PI # 611270

**OFFICE** Road Design

**DATE** June 26, 2006

**FROM** *B.A. Story*  
Brent A. Story, P.E., State Road and Airport Design Engineer

**TO** Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

**SUBJECT** Request for Location and Design Approval

**Description and Project Proposal:** The project will begin at a point 0.50 mile south of the S.R. 20 interchange and continue north for approximately 0.60 mile to a point just north of S.R. 20/I-575 Interchange. This project proposes the addition of a diamond exit ramp from I-575 northbound to S.R. 20 as well as a southbound diamond entrance ramp from S.R. 20 to I-575 southbound. The proposed project also includes that all existing ramps be rehabilitated and a collector- distributor facility to be added between the diamond ramps and the loop ramps. Dual left turn lanes from the I-575 Southbound exit ramp will be incorporated to facilitate the left turn volumes to eastbound S.R. 20. Lighting will be provided for the interchange.

**Concept Approval Date:** April 18, 2005.

**Concept Update:** No updates as to date.

**Environmental Assessment and Reassessment Approval Date:** June 22, 2006.

**Public Involvement:**

- Public Information/Open house Meeting
  - A Public Information/Open house was held on June 25, 2003.
  - Number in Attendance: 36
  - Number of Individuals for the Project: 1
  - Number of Individuals against the Project: 0
  - Officials in Attendance: Mr. Benny Carter, Mgr., City of Canton  
Mr. Geoff Morton, Capital Program Director, Cherokee County  
Mr. Mickey Lowery, Capital Program Cord., Cherokee County  
Ms. Julie Kovach, Sr. Planner, ARC  
Mr. Wade Buchanan, City Council, City of Canton  
Ms. Melanie Whitt, Economic Development Dir. City of Canton

**Consistency with Approved Planning:**

The design description as presented herein and submitted for approval is consistent with the approved Concept Report.



# NOTICE OF LOCATION AND DESIGN APPROVAL

## NH-IM-575-1(33) Cherokee County P.I. No. 611270

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 and Design approval : JUNE 27, 2006

Project NH-IM-575-1(33) will begin at a point 0.50 mile south of the S.R. 20 interchange and continue north for approximately 0.60 mile to a point just north of S.R. 20/I-575 Interchange. This project proposes the addition of a diamond exit ramp from I-575 northbound to S.R. 20 as well as a southbound diamond entrance ramp from S.R. 20 to I-575 southbound. The proposed project also includes that all existing ramps be rehabilitated and a collector- distributor facility to be added between the diamond ramps and the loop ramps. Dual left turn lanes from the I-575 Southbound exit ramp will be incorporated to facilitate the left turn volumes to eastbound S.R. 20. Lighting will be provided for the interchange.

The project is located in Land Lots 230, 231, 238 & 239 and in Land District 14 in Cherokee County.

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

Lou Chastain  
[lou.chastain@dot.state.ga.us](mailto:lou.chastain@dot.state.ga.us)  
258 Maddox Drive  
Ellijay, GA 30540  
706-635-5551

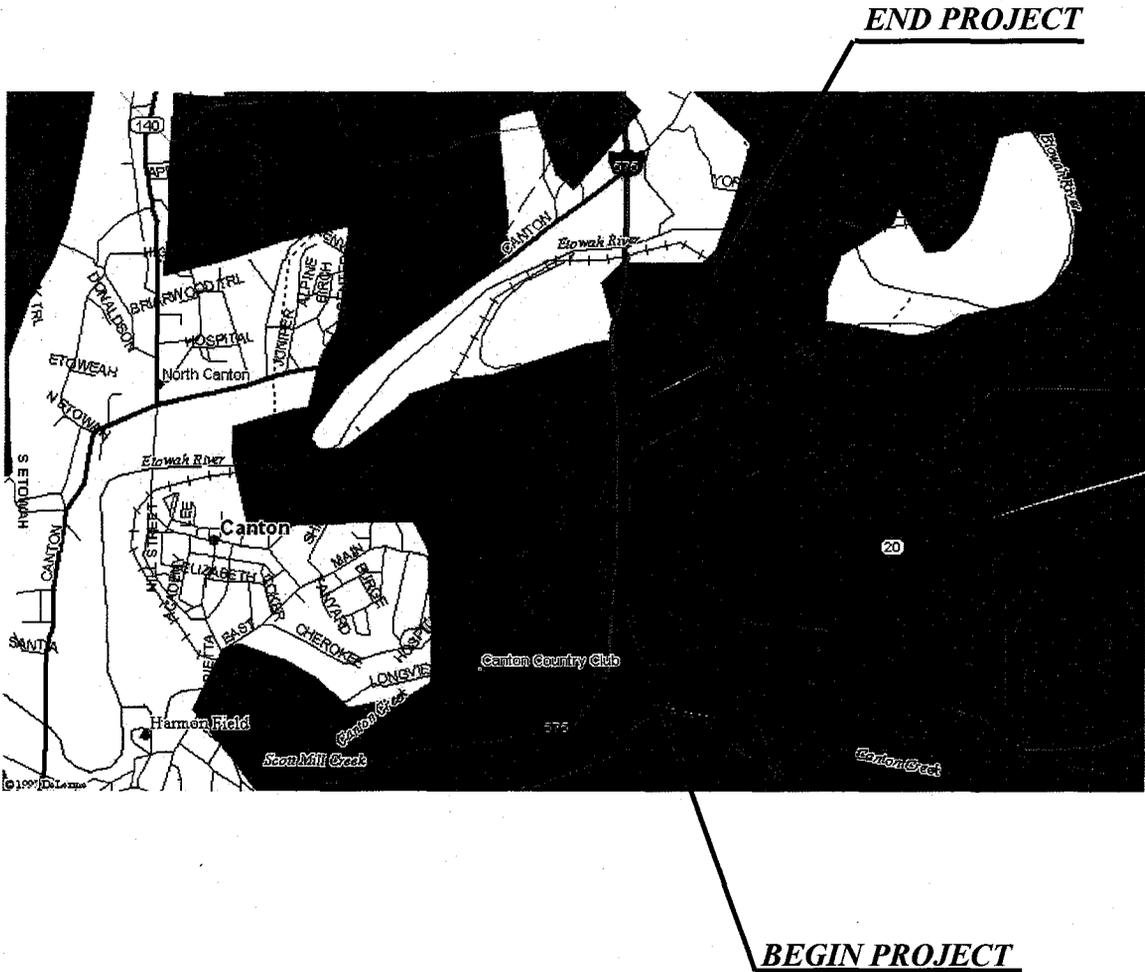
Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Mr. Brent Story, P.E.  
State Road and Airport Design Engineer  
[brent.story@dot.state.ga.us](mailto:brent.story@dot.state.ga.us)  
No. 2 Capitol Sq., S.W.  
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. Numbers as noted at the top of this notice.

P.I. Number: 611270  
County: Cherokee

**PROJECT MAP - Project No. NH-IM-575-1 (33) CHEROKEE COUNTY**



**SUMMARY OF PROJECT COST**  
 NH-IM-575-1(33) CHEROKEE COUNTY  
 P.I. NO. 611270

DATE: April 20, 2006

ESTIMATED LETTING DATE: October, 2006

PREPARED BY: Andy Casey

PROJECT LENGTH (MILES): 0.50

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

<b>PROJECT COST</b>	
<b>A. RIGHT-OF-WAY:</b>	
1. PROPERTY (LAND & EASEMENT)	\$ 1,200,000
2. DISPLACEMENTS; RES:0, BUS:0, M.H.:0	\$
3. OTHER COST (ADM./COST, INFLATION)	\$ 714,000
SUBTOTAL:A	\$ 1,914,000
<b>B. REIMBURSABLE UTILITIES:</b>	
1. RAILROAD	
2. TRANSMISSION LINES	\$ 42,000.00
3. SERVICES	\$
SUBTOTAL:B	\$ 42,000.00
<b>C. CONSTRUCTION:</b>	
1. MAJOR STRUCTURES	
a. RETAINING WALLS 2-MSE, 2 TIE Back, 2 - Side Barrier	\$ 5,937,000
b. BRIDGES - 12,350 sq. ft. x \$65	\$ 802,750
c. DETOURS BRIDGES	\$ 0
d. BOX CULVERTS	\$ 250,000
SUBTOTAL:C-1	\$ 6,989,750
2. GRADING AND DRAINAGE:	
a. EARTHWORK (1,000,000 Cu. Yds. @ 5.25/Cu. Yd.)	\$ 5,250,000

b. DRAINAGE:		
1) Cross Drain Pipe (exclude box culverts)		\$ 275,000
2) Curb and Gutter		\$ 0
3) Longitudinal System(include catch basins)		\$ 125,000
SUBTOTAL:C-2		\$5,650,000
3. BASE AND PAVING:		
a. AGGREGATE BASE 142,000 tons / 16.50 per ton		\$2,343,000
b. ASPHALT PAVING: Surface 1500 tons x \$50		\$ 75,000
Binder 12,700 x \$46		\$ 584,200
Base 4000 tons x \$47		\$ 188,000
SUBTOTAL:C-3.b		\$ 847,200
c. CONCRETE PAVING 66,385 sq. yds. @ \$78/sq. yd.		\$5,178,030
d. OTHER		
SUBTOTAL:C-3		\$8,368,230
4. LUMP ITEMS:		
a. TRAFFIC CONTROL		\$ 750,000
b. CLEARING AND GRUBBING		\$ 750,000
c. LANDSCAPING		\$ 0
d. EROSION CONTROL		\$1,500,000
e. DETOURS		\$ 0
SUBTOTAL:C-4		\$3,000,000
5. MISCELLANEOUS:		
a. LIGHTING		\$ 300,000
b. SIGNING - STRIPING - SIGNAL		\$ 200,000
c. GUARDRAIL		\$ 300,000
d. SIDEWALK - MEDIAN BARRIER		
SUBTOTAL:C-5		\$ 800,000
6. SPECIAL FEATURES	SUBTOTAL:C-6	

**ESTIMATE SUMMARY**

A. RIGHT-OF-WAY		\$	<b>1,914,000</b>
B. REIMBURSABLE UTILITIES		\$	<b>42,000</b>
C. CONSTRUCTION			
1. MAJOR STRUCTURES		\$ 6,989,750	
2. GRADING AND DRAINAGE		\$5,650,000	
3. BASE AND PAVING		\$8,368,230	
4. LUMP ITEMS		\$3,000,000	
5. MISCELLANEOUS		\$ 800,000	
6. SPECIAL FEATURES		\$ 0	
SUBTOTAL CONSTRUCTION COST		\$24,807,980	
E. & C. (10%)		\$2,480,798	
INFLATION (5% PER YEAR)		\$1,364,439	
	NUMBER OF YEARS	1	
TOTAL CONSTRUCTION COST			<b>\$28,653,217</b>
<b>GRAND TOTAL PROJECT COST</b>			<b>\$30,609,216</b>