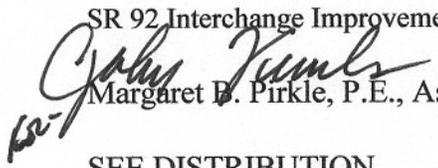


D.O.T. 66

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** P. I. No. 712930, Douglas County **OFFICE** Preconstruction  
IM-NH-20-1(73)  
SR 92 Interchange Improvements **DATE** July 13, 2005

**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 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.

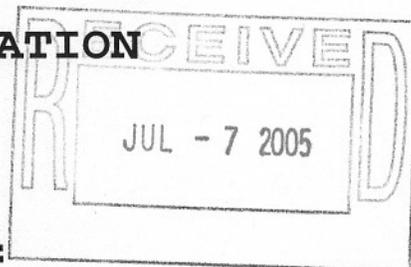
MBP/cj

Attachment

DISTRIBUTION:

Brian Summers  
Harvey Keepler  
Jamie Simpson  
Paul Liles  
Keith Golden  
Ken Thompson  
Joe Palladi (file copy)  
Babs Abubakari  
Brent Story  
Bryant Poole  
BOARD MEMBER

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA



INTERDEPARTMENT CORRESPONDENCE

FILE: IM-NH-20-1(73), Douglas County OFFICE: Road Design  
P.I. #712930  
SR 92 Interchange Improvements DATE: July 7, 2005

FROM: *Brent A. Story*  
Brent A. Story, P.E., State Road & Airport Design Engineer

TO: Meg Pirkle, P.E., Assistant Director of Preconstruction

SUBJECT: Request for Location and Design Approval

**Description:**

This project is the improvement of SR92/Fairburn Rd. interchange with I-20 in Douglas County. The proposed typical section will consist of six 12' lanes with a 20' raised median including an additional two future lanes which will be added and striped out. The improvements will include dual left turn lanes onto both eastbound and westbound I-20. The existing bridge over I-20 will be widened to accommodate 10 lanes of traffic; this will include the four through lanes, four left turn lanes and the two future lanes. In addition to the upgrades on SR 92, Westmoreland Plaza Frontage Road will be closed at SR 92 and relocated northerly to Cherokee Boulevard. The total project length is 0.841 miles.

Estimated Cost:	Current	Approved
Construction (incl. E/C)	\$ 12,059,410.00	\$ 5,084,000.00
Right-of-Way	\$ 1,835,000.00	\$ 1,835,000.00
Utilities	\$ 0.00	\$ 0.00

**Concept Approval Date:** The Project Concept Approval date was January 13, 1998.

**Concept Update:** The Revised Project Concept Approval was July 14, 2003.

**Environmental Assessment and Reassessment Approval Date:** The NEPA document was approved March 1, 1999 and reevaluated on March 27, 2001 and February 8, 2005.

**Public Involvement:** The Public Hearing was held March 1, 1999 in Douglasville, GA. A total of 48 people attended this meeting. Comments for the meetings are shown below:  
Responses - 17    Oppose - 5    Support - 12    Uncommitted/Conditional - 0

**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 Design recommends that the location and design for project IM-NH-20-1(73) be approved and that the attached “Notice” be approved for advertising.

BAS:CAC:SJ:ss

Attachments:

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

**RECOMMEND:**  7/1/05  
Buddy Gratton, P.E., Director of Preconstruction Date

**APPROVED:**  7/11/05  
David E. Studstill, P.E., Chief Engineer Date



**PRELIMINARY COST ESTIMATE**

PROJECT NUMBER: IM-NH-20-1(73)  
 DATE: June 15, 2005

COUNTY: Douglas  
 ESTIMATED LET DATE: 03-06

PREPARED BY: Andy Casey

PROJECT LENGTH: 0.841 MILES +/-

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

<b>PROJECT COST</b>	
<b>A. RIGHT OF WAY:</b>	
1. PROPERTY (LAND & EASEMENT)	\$ 530,000
2. DISPLACEMENTS: RESIDENTS: 1, BUSINESSES: 5, MOBILE HOMES: 1	\$ 720,000
3. OTHER COST (ADMINISTRATION COST & INFLATION)	\$ 585,000
SUBTOTAL: A	<b>\$ 1,835,000</b>
<b>B. REIMBURSABLE UTILITIES:</b>	
1. RAILROAD	\$ N/A
2. TRANSMISSION LINES	\$ N/A
3. SERVICES	\$ N/A
SUBTOTAL: B	<b>\$ LGPA</b>
<b>C. CONSTRUCTION:</b>	
1. MAJOR STRUCTURES	
a. RETAINING WALLS	\$ 125,000
b. BRIDGES (replace existing) 140' x 439' x \$60/SF	\$ 3,687,600
c. DETOUR BRIDGES	\$ -0-
d. BOX CULVERTS	\$ 260,000
SUBTOTAL: C-1	<b>\$ 4,072,600</b>
2. GRADING AND DRAINAGE	
a. EARTHWORK 38,742 cy x \$3.20 + 72,188 cy x \$4.96 =	\$ 483,000
b. DRAINAGE	
1) Cross Drain pipe	\$ 10,000
2) Curb and Gutter	\$ 250,000

<b>PROJECT COST</b>		
3) Longitudinal System (include catch basins)		\$ 450,000
SUBTOTAL: C-2		<b>\$ 1,193,000</b>
3. BASE AND PAVING		
a. AGGREGATE BASE – 25,000 tons x \$14.00		\$ 350,000
b. ASPHALT PAVING: Surface -3500 tons x \$46.00		\$ 161,000
Binder - 4700 tons x \$45.00	\$ 211,500	
Base – 11620 tons x \$43.00	\$ 500,000	
SUBTOTAL: C-3.b	\$ 872,500	
c. 10" PCC PAVING = 34,200 SY x \$95.50		\$ 3,250,000
d. OTHER ( Bituminous Tack Coat)		\$ 75,000
SUBTOTAL: C-3		<b>\$ 4,547,500</b>
4. LUMP ITEMS:		
a. TRAFFIC CONTROL		\$ 300,000
b. CLEARING AND GRUBBING		\$ 150,000
c. LANDSCAPING		\$ -0-
d. EROSION CONTROL		\$ 200,000
e. DETOURS		\$ -0-
SUBTOTAL: C-4		<b>\$ 650,000</b>
5. MISCELLANEOUS:		
a. LIGHTING		\$ -0-
b. SIGNING – STRIPING – SIGNAL		\$ 485,000
c. GUARDRAIL		\$ 15,000
d. OTHER		\$ -0-
SUBTOTAL: C-5		<b>\$ 500,000</b>
6. SPECIAL FEATURES:		\$ -0-
SUBTOTAL: C-6		<b>\$ -0-</b>

<b>ESTIMATE SUMMARY</b>		
A. RIGHT OF WAY		\$ 1,835,000
B. REIMBURSABLE UTILITIES		LGPA
C. CONSTRUCTION		
1. MAJOR STRUCTURES	\$ 4,072,600	
2. GRADING AND DRAINAGE	\$ 1,193,000	
3. BASE AND PAVING	\$ 4,547,500	
4. LUMP ITEMS	\$ 650,000	
5. MISCELLANEOUS	\$ 500,000	
6. SPECIAL FEATURES	\$ -0-	
SUBTOTAL CONSTRUCTION COST	\$ 10,963,100	
E.& C. (10%)	\$ 1,096,310	
INFLATION ( 5% PER YEAR)	\$ -0-	
NUMBER OF YEARS	0	
TOTAL CONSTRUCTION COST		\$ 12,059,410
<b>GRAND TOTAL PROJECT COST</b>		<b>\$ 13,894,410</b>

## NOTICE OF LOCATION AND DESIGN APPROVAL

**PROJECT: IM-NH-20-1(73) DOUGLAS COUNTY  
P. I. NO. 712930**

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.

Date of Location and Design Approval: July 13, 2005

### **Description of the proposed project:**

This project is the improvement of SR92/Fairburn Rd. interchange with I-20 in Douglas County. The proposed typical section will consist of six 12' lanes with a 20' raised median including an additional two future lanes which will be added and striped out. The improvements will include dual left turn lanes onto both eastbound and westbound I-20. The existing bridge over I-20 will be widened to accommodate 10 lanes of traffic; this will include the four through lanes, four left turn lanes and the two future lanes. In addition to the upgrades on SR 92, Westmoreland Plaza Frontage Road will be closed at SR 92 and relocated northerly to Cherokee Boulevard. The total project length is 0.841 miles.

The project is located in Land Lots 52, 53, 80, 903, 904, 905, 908 & 909 of the 1<sup>ST</sup>, 5<sup>TH</sup> & 18<sup>th</sup> Land Districts of Douglas County.

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

Mr. Mike Lankford, Area 3 Engineer  
940 Virginia Avenue  
Hapeville, GA 30354  
(404) 559-6655  
email: [michael.lankford@dot.state.ga.us](mailto:michael.lankford@dot.state.ga.us)

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

Mr. Brent Story, P.E.  
State Road and Airport Design Engineer  
No. 2 Capitol Square, Room 444  
Atlanta, GA 30334  
(404) 656-5386  
email: [brent.story@dot.state.ga.us](mailto:brent.story@dot.state.ga.us)

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.