

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE IR-75-2(171) Bibb County OFFICE Preconstruction
P.I. No. 311390 DATE March 19, 1991
C.W. Hutto
FROM C. Wayne Hutto, Assistant Director of Preconstruction
TO Van Etheridge, District Engineer - Thomaston
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 your authorization to proceed with advertisement.

CWH/cj

Attachment

cc: Juan Durrence
Bob Humphrey
Frank Danchetz
Herman Griffin
Paul Liles
John Lively

RECEIVED

MAR 13 1991

PRECONSTRUCTION

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

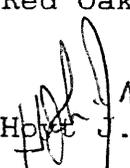
FILE: IR-75-2(171) BIBB

OFFICE: URBAN DESIGN

P.I.No. 311390

Red Oak Drive Extension over I75

DATE: March 12, 1991

FROM:  Hoyt J. Lively, Jr., PE, State Urban Design Engineer

TO: G. C. Lewis, PE, State Highway Engineer

SUBJECT: LOCATION AND DESIGN REPORT

DESCRIPTION: Red Oak Drive Extension over I75 from Riverside Drive to the extended portion of Red Oak Drive being constructed by the City of Macon.

PROJECT PROPOSAL: Provide a new three lane bridge with sidewalks and provide whatever work is necessary to Riverside Drive to accommodate the connection.

ESTIMATED COST:

Cst = \$ 1,373,000# R/W = None
App Cst = \$ 903,000 R/W = None

#Includes 5% Inflation/yr for 1 yr and 10% E&C.

CONCEPT APPROVAL DATE: July 17, 1990

CONCEPT UPDATE: The revised cost estimate is based upon preliminary plans which allow a better estimate of quantities.

ENVIRONMENTAL ASSESSMENT APPROVAL DATE: November 2, 1990.

PUBLIC HEARING RESULTS: The public hearing for the project was held December 5, 1990. There were 42 people that attended the hearing with 33 comments received, of which 1 was opposed to the project, 30 were in support of the work, and 2 were uncommitted.

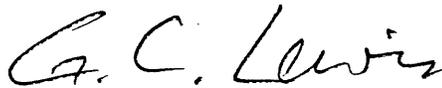
RECOMMENDATIONS: That we approve this project location and design and that the attached "Notice" be approved for advertising.

RECOMMEND:



William J., Durrence, Director of Preconstruction

APPROVE:



G. C. Lewis, PE, State Highway Engineer

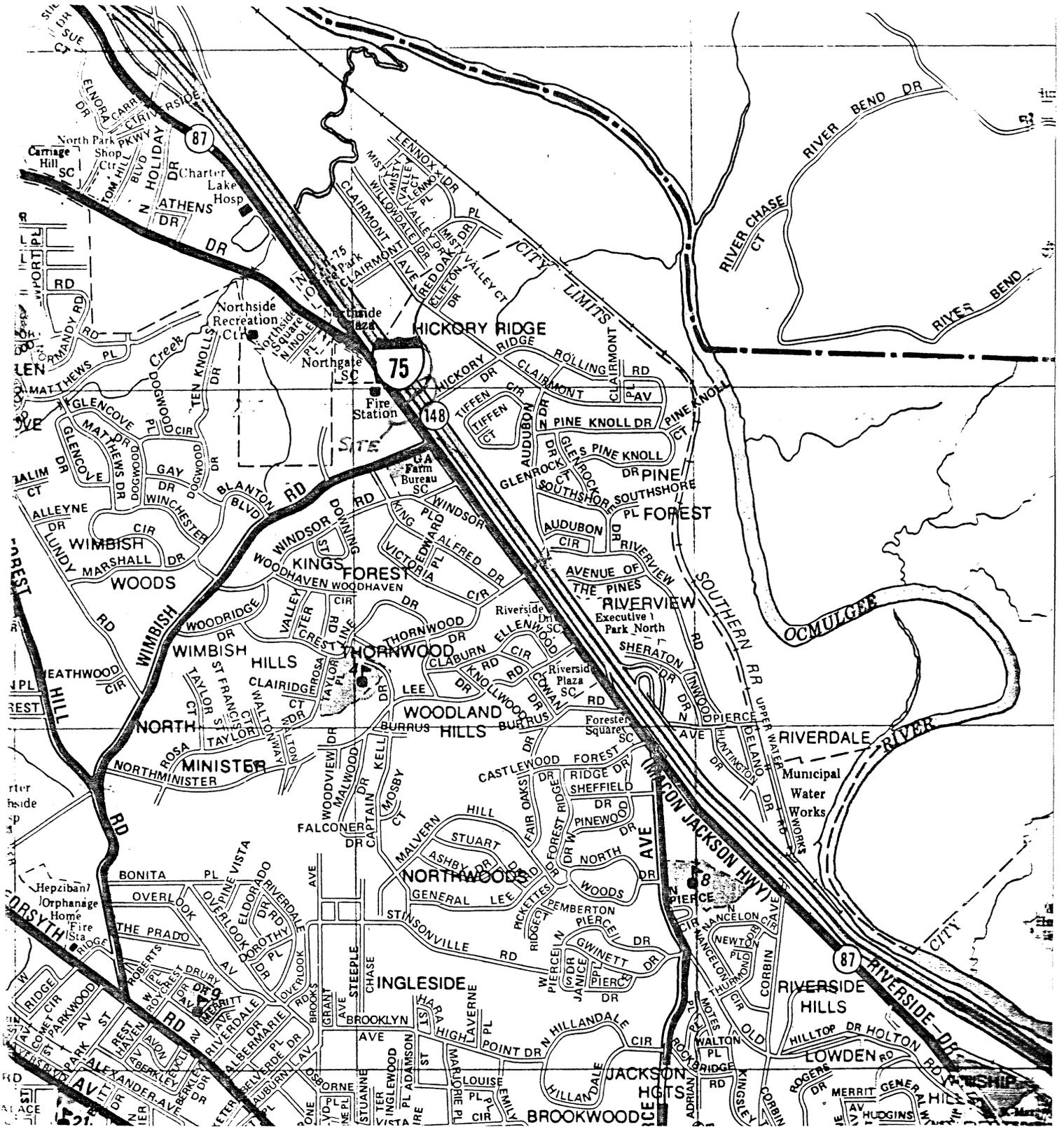
HJL

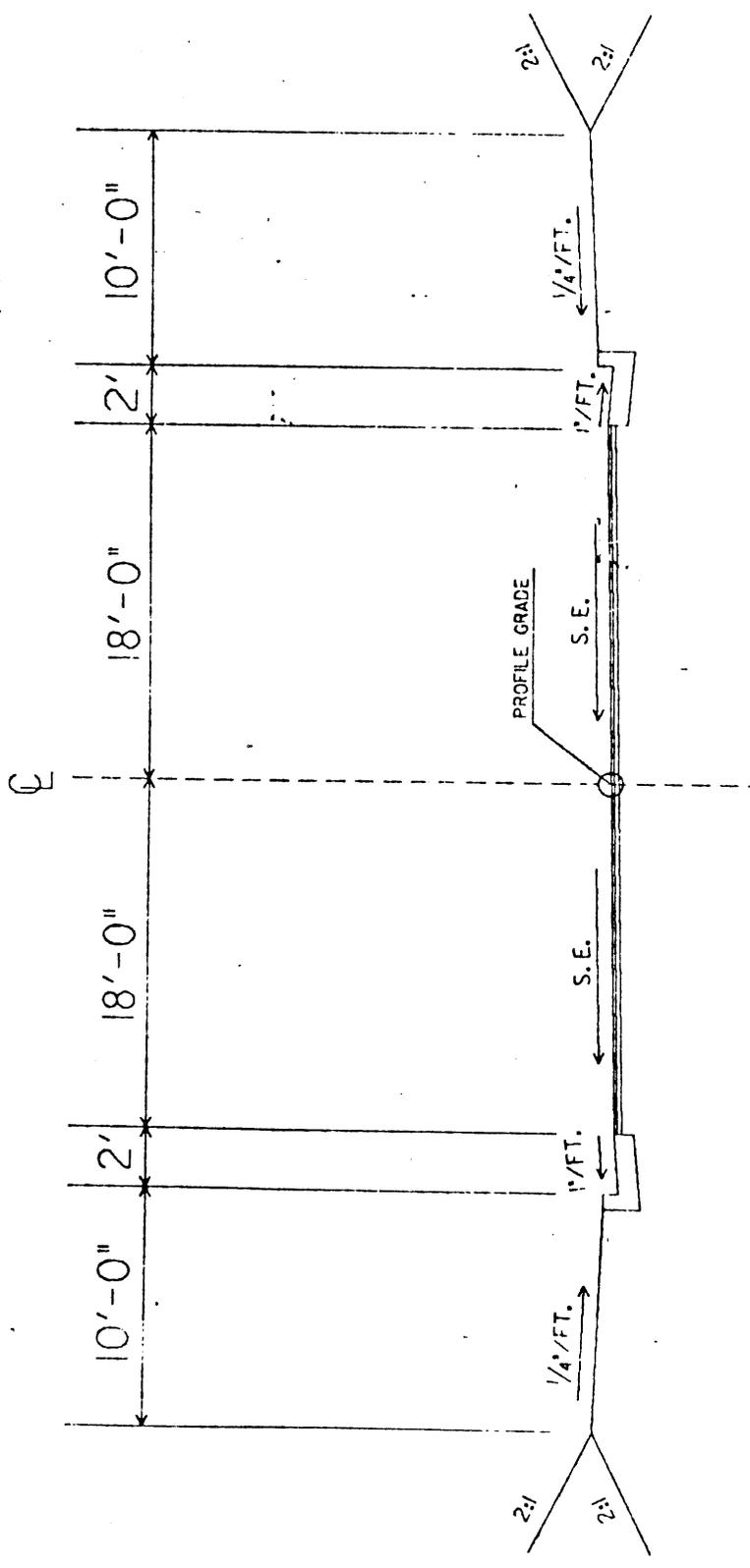
ATTACHMENTS: Sketch Map, Typical Section, Cost Estimate, and Notice of Location and Design Approval

LOCATION MAP

IR-75-2(171) BIBB

RED OAK ROAD EXTENSION OVER I75





RED OAK DRIVE EXTENSION ROADWAY

TYPICAL SECTION

NOTICE OF LOCATION AND DESIGN APPROVAL

PROJECT: IR-75-2(171)

RED OAK DRIVE EXTENSION OVER I75

BIBB COUNTY

Notice is hereby given that the Georgia Department of Transportation and the Federal Highway Administration has approved the location and design on the above project.

The project consists of constructing a new bridge over I75 to accommodate the extension of Red Oak Drive in Macon. The bridge is to be three lanes and will connect to Riverside Drive just to the north of the Riverside Drive/Wimbish Road intersection.

Maps and preliminary plans for the project are on file for public inspection at the Georgia Department of Transportation, Urban Design Office located at No. 2 Capitol Square in Atlanta, Georgia.

Any written request in reference to this notice may be referred to: -

Mr. Hoyt J. Lively, Jr
Georgia Department of Transportation
No. 2 Capitol Square
Atlanta, Georgia 30334

PRELIMINARY COST ESTIMATE

URBAN DESIGN OFFICE

DATE: 3/12/91 PROJECT NO: IR-75-2(171) Bibb P.I.No. 311390

PREPARED BY: HJL [I75(171).EST] MILEAGE: N/A

PROJECT DESCRIPTION: Red Oak Drive extension over I75 in Macon.

PROPOSED CONCEPT: New three lane bridge over I75. Developer to construct roadway.

EXISTING RDY: None.

TRAFFIC: Exist: 1650 (1995) Design: 2300 (2015)

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

PROJECT COSTS

A. RIGHT-OF-WAY	_____	\$0.00
B. REIMBURSABLE UTILITIES	_____	\$0.00
C. MAJOR STRUCTURES		
1. RETAINING WALLS (MAJOR)		
5051	sf @ \$40.00	\$202,040.00
2. BRIDGES		
13604.175	sf @ \$45.00	\$612,187.88
	SUBTOTAL	\$814,227.88
D. GRADING & EARTHWORK		
1. BORROW:	_____ cy @ _____	\$0.00
2. EXCAVATION:		
Soil:	1350 cy @ \$4.00	\$5,400.00
Rock:	_____ cy @ _____	\$0.00
	SUBTOTAL	\$5,400.00
E. DRAINAGE		
1. PIPING SYSTEM		
lf	in @ _____	\$0.00
2. CATCH BASINS		
EA	@ _____	\$0.00

3. DRAINAGE LUMP SUM

0.5	Mi	@	\$250,000		\$125,000.00
				SUBTOTAL	\$125,000.00

F. BASE & PAVING

1. AGGREGATE BASE - 12In

1279	tons	@	\$14.00		\$17,906.00
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2. ASPHALT PAVING

215	Tons_of_B_(2 in)	@	\$32.00		\$6,880.00
160	Tns_of_E_(1.5 in)	@	\$34.00		\$5,440.00
545	Tons_BASE_(5 in)	@	\$30.00		\$16,350.00
176	Tons__LEVELING__	@	\$40.00		\$7,040.00
500	Gals_of_TACK	@	\$1.00		\$500.00
				SUBTOTAL	\$54,116.00

G. CONCRETE WORK

1. CURB & GUTTER

3000	lf	@	\$9.00		\$27,000.00
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2. APPROACH SLABS

240	sy	@	\$70.00		\$16,800.00
				SUBTOTAL	\$43,800.00

H. LIGHTING/SIGN/STRIPE/SIGNAL

1	Signal				\$25,000.00
				SUBTOTAL	\$25,000.00

I. GUARDRAIL

1500	lf_Ty_W	@	\$11.00		\$16,500.00
2	Anchors_Ty_1	@	\$300.00		\$600.00
2	Anchors_Ty_9	@	\$750.00		\$1,500.00
				SUBTOTAL	\$18,600.00

J. TRAFFIC CONTROL					\$50,000.00
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K. LUMP SUM ITEMS

1. CLEARING & GRUBBING

3 __Acres_@_\$4,000.00 _____ \$12,000.00

2. LANDSCAPING/GRASSING

\$3,000.00

3. EROSION CONTROL

\$10,000.00

SUBTOTAL \$25,000.00

L. MISCELLANEOUS ITEMS

1. FIELD OFFICE_____Type _____ \$12,000.00

2. FENCING

2000 __lf__@_\$6.00 _____ \$12,000.00

3. RIGHT-OF-WAY MARKERS

10 __Ea__@_\$45.00 _____ \$450.00

SUBTOTAL \$24,450.00

NOTE: This estimate does not include any roadway work on the east side of I75. The fill needed for the bridge end bent on that side and the roadway work is assumed to be paid by the developer.

ESTIMATE SUMMARY

RIGHT-OF-WAY	\$0.00
REIMBURSABLE UTILITIES	\$0.00

CONSTRUCTION COST SUMMARY

CLEARING & GRUBBING	\$12,000.00
EARTHWORK	\$6,000.00
BASE & PAVING	\$55,000.00
DRAINAGE	\$125,000.00
CONCRETE WORK	\$44,000.00
TRAFFIC CONTROL	\$50,000.00
EROSION CONTROL	\$10,000.00
GUARDRAIL	\$19,000.00
SIGN/STRIPE/SIGNAL/LIGHT	\$25,000.00
LANDSCAPING/GRASSING	\$3,000.00
MISCELLANEOUS	\$25,000.00
SUBTOTAL ROADWAY ITEMS	\$374,000.00
MAJOR STRUCTURES	\$815,000.00
TOTAL CONSTRUCTION ESTIMATE	\$1,189,000.00
1 YEAR OF INFLATION AT 5%/YR	\$59,000.00
10% E&C	\$125,000.00
TOTAL	\$1,373,000.00