

ORIGINAL COPY FOR GENERAL FILE

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE IR-75-3(171) & FR-019-1(12) Bartow County OFFICE Preconstruction  
 P.I. No. 610600 TDM-2  
 and P.I. No. 621090 TDM-0 DATE April 15, 1987

FROM *R. L. Alston*  
 R. L. Alston, P.E., Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL - SR 140 Safety Improvements

Attached for your files is the approval for subject project.

RLA/cj

Attachment

DISTRIBUTION:

- Alton L. Dowd, Jr.
- Robert E. Humphrey
- Peter Malphurs
- Gene Skeen
- Floyd E. Hardy
- Charles Lewis
- Felton Rutledge
- FHWA

"MAKE DOT BETTER - BE HAPPY"



U.S. Department  
of Transportation  
**Federal Highway  
Administration**

Georgia Division Office

1720 Peachtree Rd, N.W.  
Suite 300  
Atlanta, Georgia 30367

IN REPLY REFER TO:

HB-GA

April 13, 1987

Mr. Thomas D. Moreland, Commissioner  
Department of Transportation  
No. 2 Capitol Square  
Atlanta, Georgia 30334

Subject: Georgia Project IR-75-3(171) & FR-019-1(12), Bartow County  
P.I. #610600 & 621090  
SR-140 Widening from SR-3/US-41 to I-75  
Project Concept Report

Dear Mr. Moreland:

This office has reviewed the subject report and offer the following comments for your consideration.

We request that the IR participation limits be coordinated with this office early in the project design.

Please provide a minimum 16-foot vertical clearance above I-75.

The narrative description of the typical section indicates that 12-foot shoulders are to be provided along SR-140, including within the I-75 interchange. The typical section drawings show the shoulders to be 10-foot. This difference should be reconciled.

The signed original of the concept report is enclosed.

Sincerely yours,

*for Dwight B. Horne*  
Louis M. Papet  
Division Administrator

Enclosure

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

## INTERDEPARTMENT CORRESPONDENCE

DIV. ADMR			
ASST. DIV. ADMR			
DIST.			
DIST.			4/2/87
FIN.			
P.			
BR. ENR.			
REALTY			
BMCS			

FILE IR-75-3(171) & FR-019-1(12) Bartow County OFFICE Preconstruction  
 P.I. No. 610600 TDM-2 and P.I. No. 621090 TDM-0  
 DATE April 2, 1987

FROM *[Signature]* Alton L. Bond, Jr., Director of Preconstruction  
 TO Thomas D. Moreland, Commissioner

SUBJECT PROJECT CONCEPT REPORT - SR 140 Safety Improvements

This project consists of improving the access and safety on SR 140 beginning at US 41/SR 3 in Adairsville and proceeding easterly to east of I-75 approximately 1800', a distance of 1.6 miles. The improved access along SR 140 and the I-75 interchange is due to developmental growth along SR 140. Ramps adjacent to I-75 are too close to the bridge, creating sight distance problems and left turn storage problems. The existing typical section of SR 140 is two, 12' lanes with 8' shoulders and open ditch. Existing right-of-way varies from 100' to 130'. The bridge over I-75 is a 28' wide roadway with safety curb and is 281.5' long. The traffic on these projects is as follows:

FR-019-1(12): 7900 ADT (1990) and 11,700 ADT (2010)  
IR-75-3(171): 5500 - 7400 ADT (1990) and 7900 - 11,700 ADT (2010)

It is proposed to reconstruct SR 140 to four, 12' lanes divided with 12' shoulders and ditches. FR-019-1(12) from SR 3 to the I-75 interchange will have a 20' raised median. IR-75-3(171) through the interchange, will have a 14' wide flush median. The bridge over I-75 is proposed to be widened to 82' x 281.5'. It is further proposed to relocate the ramps on the east side of I-75 approximately 100' further eastward and also to relocate an existing frontage road in the southeast quadrant sufficient distance to allow this moving of the ramps. The access for these projects is:

FR-019-1(12): Controlled by permit and raised median with designated openings.  
IR-75-3(171): "Full Limited" access between ramps.

The estimated costs of these projects are:

	PROPOSED ESTIMATE	APPROVED ESTIMATE
<u>FR-019-1(12)</u>		
Construction (includes E&C and inflation)	\$930,400	
Right-of-Way	\$155,000	
Utilities	\$ 4,000 (LGPA)	

This is a preprogram project.

"MAKE DOT BETTER - BE HAPPY"

Thomas D. Moreland  
Page 2  
April 2, 1987

IR-75-3(171) and FR-019-1(12) Bartow County

	PROPOSED ESTIMATE	APPROVED ESTIMATE
<u>IR-75-3(171)</u>		
Construction (includes E&C and inflation)	\$1,750,000	
Right-of-Way	\$ 305,000	
Utilities	LGPA	

This is a preprogram project for FY 91.

An Environmental Assessment will be required on this project. An opportunity for a public hearing will be offered. A 14' flush median alternate was considered on this project, but was not recommended due to the commercial character and the traffic growth of this corridor. Based upon existing information, the widening of the existing I-75 bridge will not cause a clearance problem.

It is recommended that we approve this project concept report and further that it be programmed for implementation.

ALD:RLA/cj

Attachment

RECOMMEND

Alva R. Byrom  
Alva R. Byrom, State Highway Engineer.

APPROVE

Dwight L. Hane  
for Louis M. Papet, Federal Highway Administrator

APPROVE

Thomas D. Moreland  
Thomas D. Moreland, Commissioner



DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE IR-75-3 (171)  
FR-019-1 (12) Bartow County  
P.I. No. 610600, 621090  
SR 140 over I-75

OFFICE Atlanta, Georgia  
DATE March 16, 1987

FROM Robert E. Humphrey, P.E., Project Review Engineer

TO Alton L. Dowd, Jr., P.E., Director of Preconstruction

SUBJECT PROJECT CONCEPT REPORT

We have reviewed the attached Concept Report for these Major projects and have the following comment:

Widening the existing bridge may cause substandard vertical clearance over the northbound lanes of I-75.

We have received signed cover sheets from the following offices:

1. Bridge Design
2. Environmental
3. District Engineer - comment

This report is satisfactory for approval subject to the above comment.

The estimated costs of this project are as follows:

	<u>IR-75-3 (171)</u>	<u>FR-019-1 (12)</u>
Construction	\$1,383,000	\$735,500
Inflation (5% per year)	207,450	110,325
E & C (10%)	159,045	84,583
Preliminary Engineering (5%)	69,150	36,775
Right of Way	305,000	155,000
Utilities	----	4,000

DSW/jmf

Attachments

c: Floyd E. Hardy

# DEPARTMENT OF TRANSPORTATION

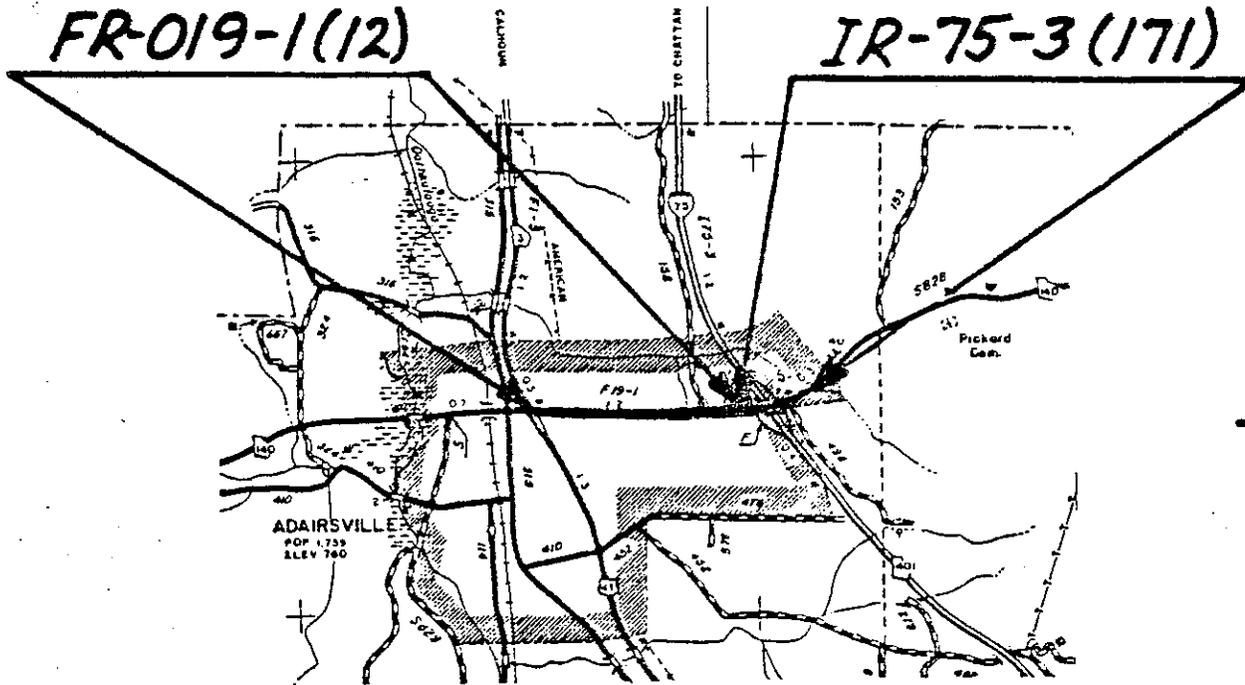
## STATE OF GEORGIA



### PROJECT CONCEPT REPORT

IR-75-3(171) Bartow County  
FR-019-1 (12) Bartow County

Federal Route No: NONE  
State Route No: 140  
GaDOT P. I. No: 610600, 621090



Date of Report: 2-17-87

### RECOMMENDATION FOR APPROVAL

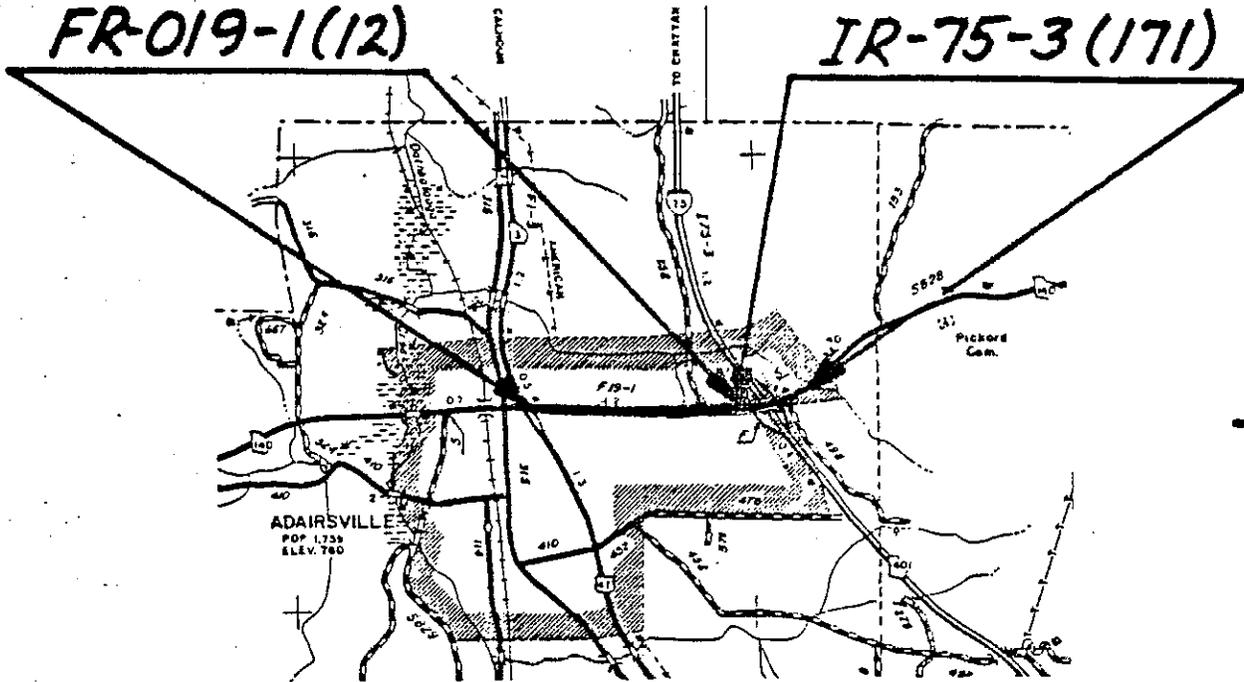
Date	State Road & Airport Design Engineer	DATE	District 6, Engineer
Date	State Environmental Engineer		
Date	State Traffic & Safety Engineer		
3/4/87	G. C. Lewis		
DATE	State Bridge & Structural Engineer		

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

## PROJECT CONCEPT REPORT

IR-75-3(171) Bartow County  
FR-019-1 (12) Bartow County

Federal Route No: NONE  
State Route No: 140  
GADOT P. I. No: 610600, 621090



Date of Report: 2-17-87

### RECOMMENDATION FOR APPROVAL

Date	State Road & Airport Design Engineer	2/23/87	<i>F. L. R. Miller</i>
Date	State Environmental Engineer	DATE	District 6, Engineer
Date	State Traffic & Safety Engineer		
DATE	State Bridge & Structural Engineer		

# DEPARTMENT OF TRANSPORTATION

## STATE OF GEORGIA



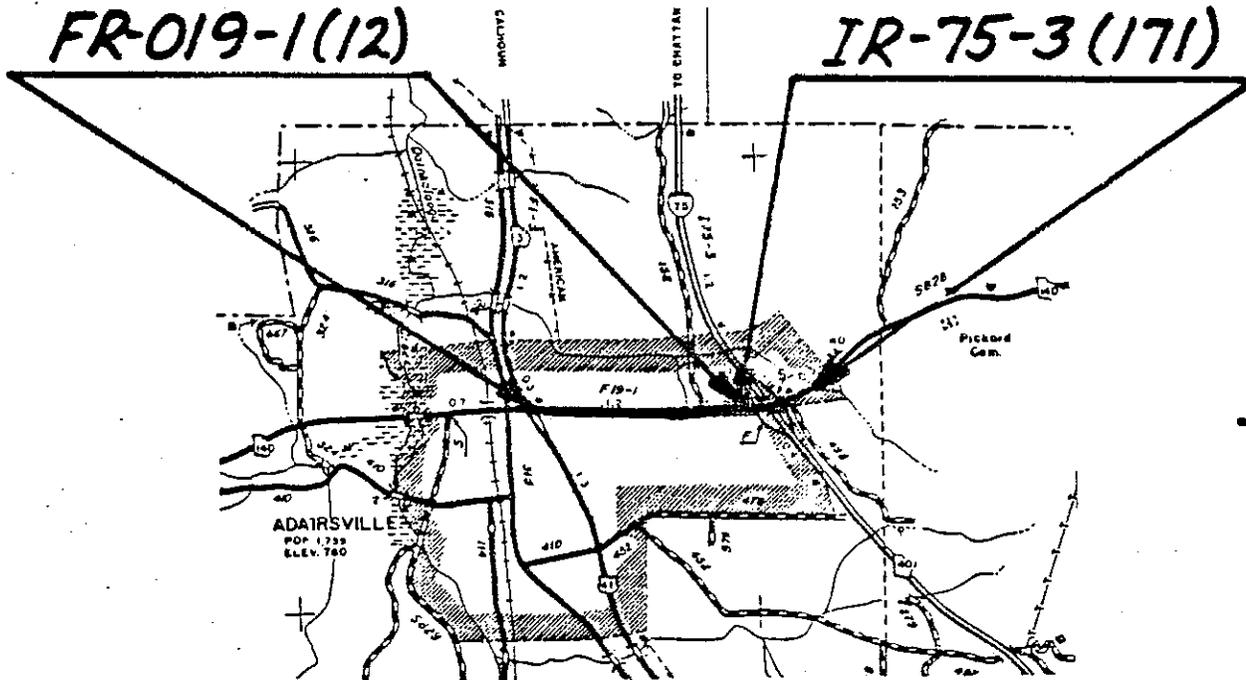
### PROJECT CONCEPT REPORT

IR-75-3(171) Bartow County  
FR-019-1 (12) Bartow County

Federal Route No: NONE

State Route No: 140

CaDOT P. I. No: 610600, 621090



Date of Report: 2-17-87

### RECOMMENDATION FOR APPROVAL

Date  
2-25-87

State Road & Airport Design Engineer

DATE

District 6, Engineer

Date

State Environmental Engineer

Date

State Traffic & Safety Engineer

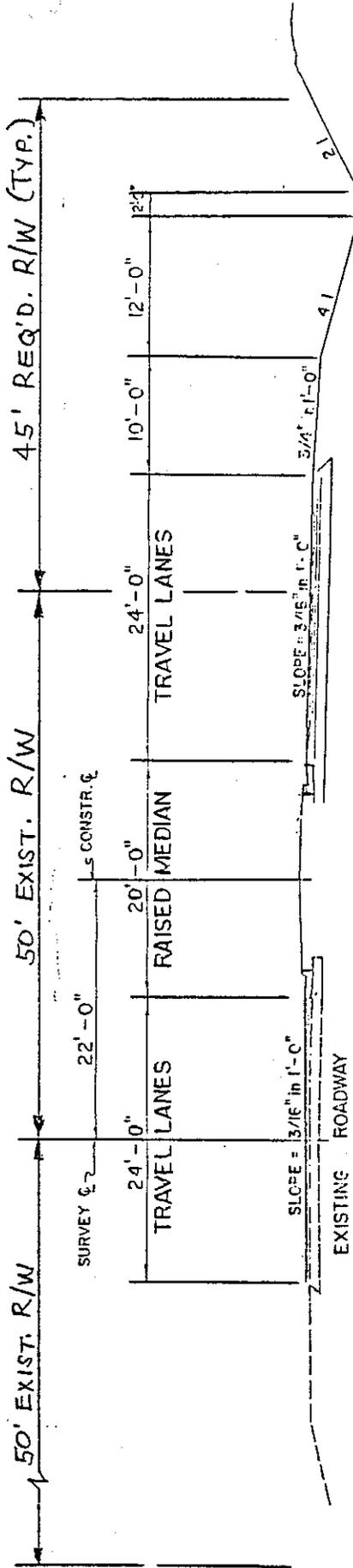
DATE

State Bridge & Structural Engineer

Project No: FR-017-1(12)

County: BARTON

# TYPICAL SECTION

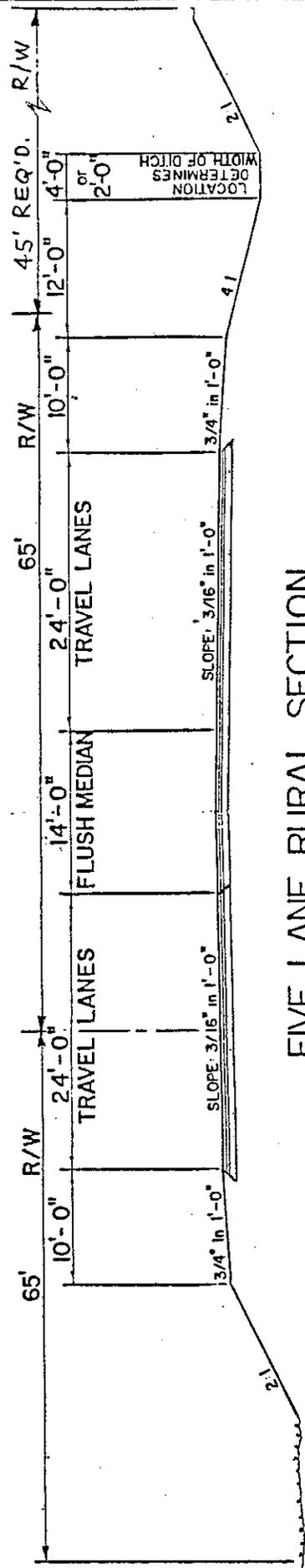


FOUR LANE WITH RAISED MEDIAN

Project No: IR-75-3(171)

County: BARTOW

# TYPICAL SECTION

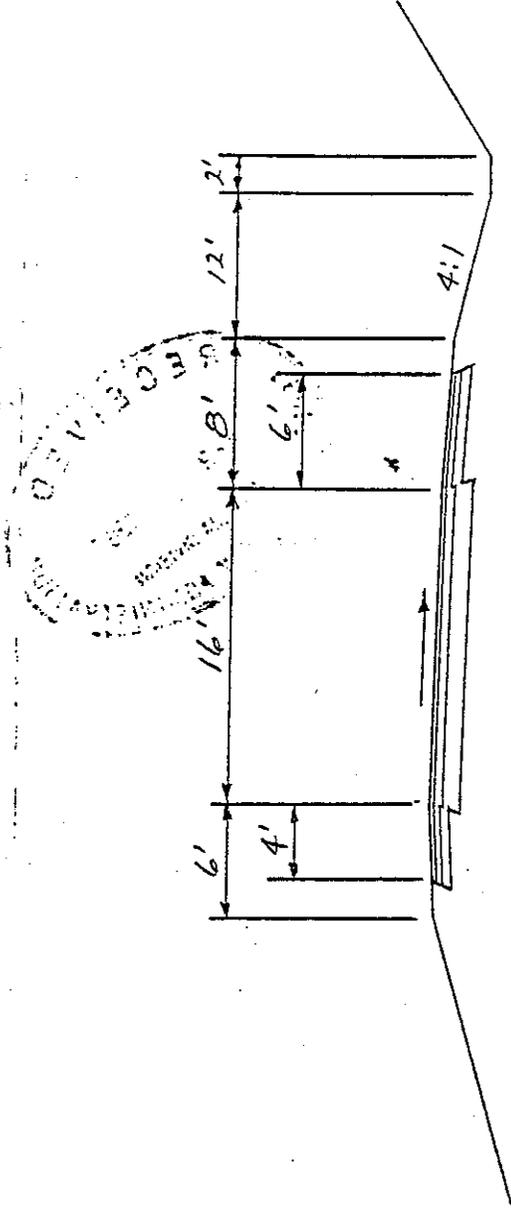


# FIVE LANE RURAL SECTION

Project No: IR-75-3(171)

County: BALTIMORE

# TYPICAL SECTION



RAMP