

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE IR-16-1(91) Bibb County OFFICE Assistant Division of Precon.  
P.I. No. 310980 TDM-2 DATE July 1, 1986

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

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL - I-16 INTERCHANGE ADDITION OF EISENHOWER PARKWAY  
EXTENSION

Attached for your files is the approval for subject project.

RLA/se

Attachment

DISTRIBUTION:

Alton L. Dowd, Jr., Robert E. Humphrey, Peter Malphurs, Drew Brown,  
Floyd Hardy, Hoyt Lively, Archie Burnham, Jr., Charles Lewis,  
Bobby Melton, FHWA

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** IR-16-1(91) Bibb County **OFFICE** Preconstruction  
P.I. No. 310980 TDM-2

**DATE** May 22, 1986

**FROM** Alton L. Dowd, Jr., Director of Preconstruction

**TO** Thomas D. Moreland, Commissioner

**SUBJECT** PROJECT CONCEPT REPORT - I-16 Interchange Addition on Eisenhower Parkway Extension

This project consists of constructing a new interchange on I-16 where Eisenhower Parkway Extension (SR 758) is projected to cross in the vicinity of a point half way between the Fifth Street/Main Street interchange and SR 87/US 23 interchange. This will be the connection between the Eisenhower Extension and I-16. The purpose of this project will be to serve trips between downtown Macon and eastern Bibb County, southeastern Jones County, and western Twiggs County. It will also serve trips from I-16 and from the Seventh Street industrial area and the Macon Mall area. This project is a part of the Macon Area Transportation Plan for 1986-1990 and is a high priority project in the Macon area. The length of this project is approximately 1600' long and is to include the mainline on the Eisenhower Parkway from touchdown to touchdown with overhead bridges and connecting ramps. This is a new location project. The estimated traffic for this project is 15,000 ADT (1990) and 20,500 ADT (2010).

It is proposed to construct the crossroad typical section to a four lane divided with a 44' median, 10' outside shoulders, and open ditch. It is further proposed to construct a pair of overhead bridges over I-16, 38' x 270', and further, to widen the bridges on both sides of the interchange on I-16 to accommodate ramp tapers and to bring the existing bridges up to current interstate standards. This is a full limited access project.

The estimated cost for this project is:

	PROPOSED ESTIMATE	APPROVED ESTIMATE	
Construction (includes E&C and inflation)	\$6,465,000	\$5,735,000	FY 88
Right-of-Way	\$ 105,000	\$ 105,000	

Utilities will be provided by local government project agreement which was signed April 11, 1985.

A public hearing will be required on this project. This project is necessary for the Eisenhower Parkway Extension to function properly.

Thomas D. Moreland

Page 2

May 22, 1986

IR-16-1(91) Bibb County

It is recommended that we approve this project concept report. The interchange addition to I-16 on this project was approved by FHWA on June 24, 1985.

ALD:RLA/cj

Attachment

APPROVED

*Thomas D. Myers, for*

\_\_\_\_\_  
Louis M. Papet, Division Administrator, FHWA

CONCUR

*Alva R. Byrom*

\_\_\_\_\_  
Hal Rives, State Highway Engineer

APPROVE

*T. D. Moreland*

\_\_\_\_\_  
Thomas D. Moreland, Commissioner

*RLA*

5/14/86

Report Modified and Sep. into two R.L.A.

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

File

New No. FLF-450-7 INTERDEPARTMENT CORRESPONDENCE  
B.B.L.

FILE TSAP-758(1) & (2) & IR-16-1(91) Bibb Co. OFFICE Atlanta, GA  
 Eisenhower Parkway Extension DATE January 6, 1986  
 P.I. Nos. 362690, 362695 & 310980

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 dated September 30, 1985 for this Major project.

We have received signed cover sheets from the following offices:

- 1. Bridge Design - no comment
- 2. Traffic and Safety - no comment
- 3. Urban - signed cover sheet not available; however, Urban Design had no comment as per Mr. Billy Williams by phone on October 23, 1985.

This report is satisfactory for approval.

The estimated costs of this project are as follows:

	<u>FLF-450(1)</u> <u>TSAP-758(1)</u>	<u>IR-16-1(91)</u>	<u>FLF-450(8)</u> <u>TSAP-758(2)</u>
1985 Const. Cost	\$10,500,000	4,300,000	4,500,000
Inflation (5% per year)	1,575,000	645,000	675,000
E&C (10%)	1,207,500	494,500	517,500
P.E. (5%)	525,000	215,000	225,000
Right of Way	1,500,000(1/2 LGPA)	105,000	960,000(1/2 LGPA)
Utilities	LGPA	LGPA	LGPA

WRP/cp

362690

362695

Attachments

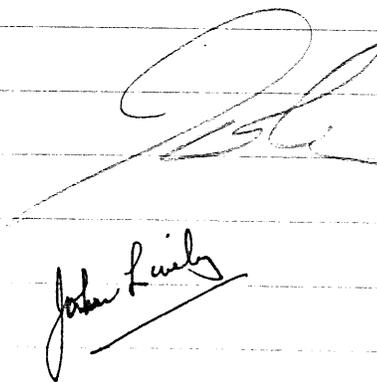
BOB

575/86

Mr. Rives WANTED THIS REPORT BROKEN UP INTO TWO PARTS, ONE INVOLVING THE INTERSTATE WORK AND THE SECOND INVOLVING THE FLF WORK. WE WERE INVOLVED IN OBTAINING UP-TO-DATE COST ESTIMATES FOR MR. RIVES TO CONVINCE HIM THAT TO GO WITH THE 44' MEDIAN. WE HAVE DONE THIS AND THE ATTACHED ESTIMATES REFLECT OUR LATEST STUDIES. YOUR LETTER FROM Mr. DOWD TO THE COMMISSIONER WILL HAVE TO BE REWRITTEN TO MAKE IT INTO TWO PARTS.

THE WORK FOR I16 INVOLVES CONSTRUCTING A DOW BRIDGE OVER THE INTERSTATE AND PROVIDING THE RAMPS FOR THE INTERCHANGE. THE WORK ALSO INVOLVES WIDENING THE EXISTING I16 BRIDGES ON EITHER SIDE OF THE INTERCHANGE TO ACCOMMODATE THE RAMP TAPERS AND TO BRING THE BRIDGES UP TO CURRENT INTERSTATE STANDARDS.

IF WE CAN BE OF ANY HELP, PLEASE LET US KNOW.

  
John Lively



# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

## INTERDEPARTMENT CORRESPONDENCE

**FILE** TSAP-758(1) & (2) & IR-16-1(91) Bibb Co. **OFFICE** Atlanta, GA  
 Eisenhower Parkway Extension  
 P.I. Nos. 362690, 362695 & 310980 **DATE** January 6, 1986

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

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WRP/cp

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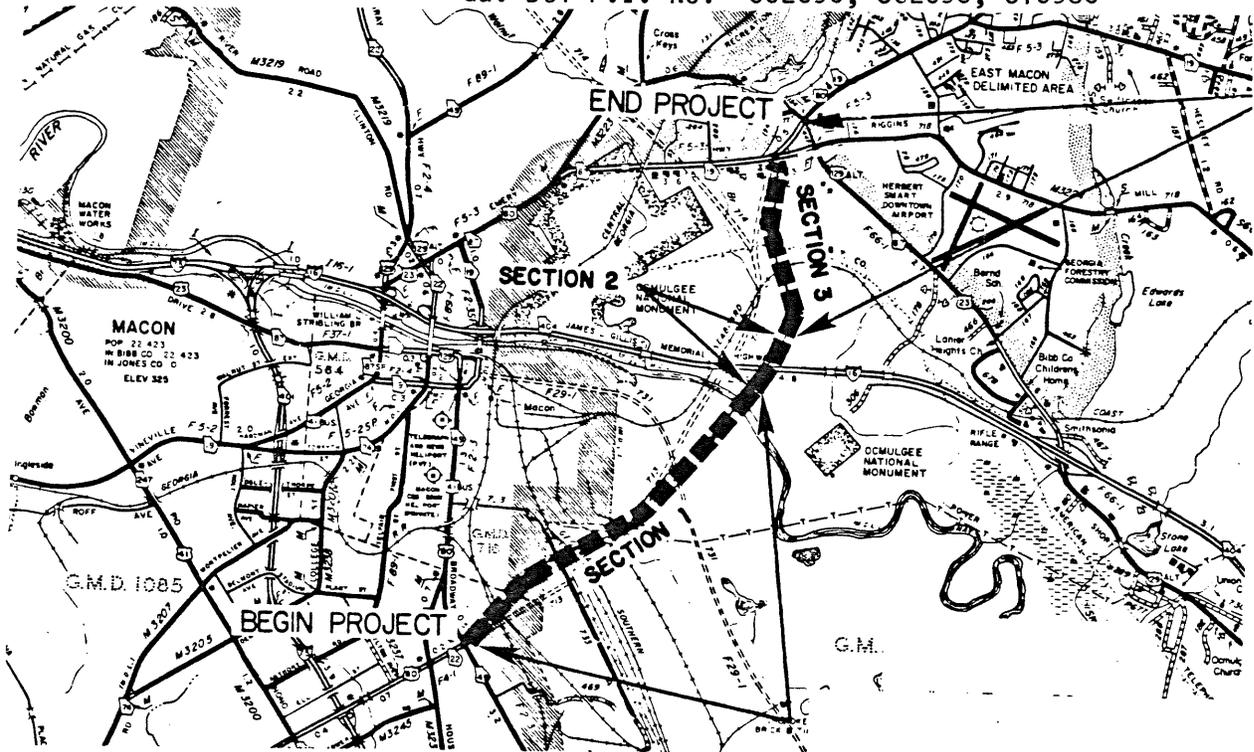
*1st RR YARD - 680' LONG*  
*2nd RR YARD - 490'*  
*Right of Way - 890'*  
*I-16 - 270'*  
*RR TRACKS - 190'*

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

Project Concept Report  
TSAP 758(1) & (2) & IR-16-1(91)  
Bibb County  
Eisenhower Parkway Extension

Federal Route No: None  
State Route No: 758  
Ga. DOT P.I. No: 362690, 362695, 310980



Date of Report: Sept. 30, 1985

RECOMMENDATION FOR APPROVAL

12/31/85

Date

*Henry J. Lively, Jr.*  
State Urban and Multi-Modal Design Engineer

9-30-85

Date

*Pat Malph*  
State Environment/Location Engineer

Date

State Traffic and Safety Engineer

Date

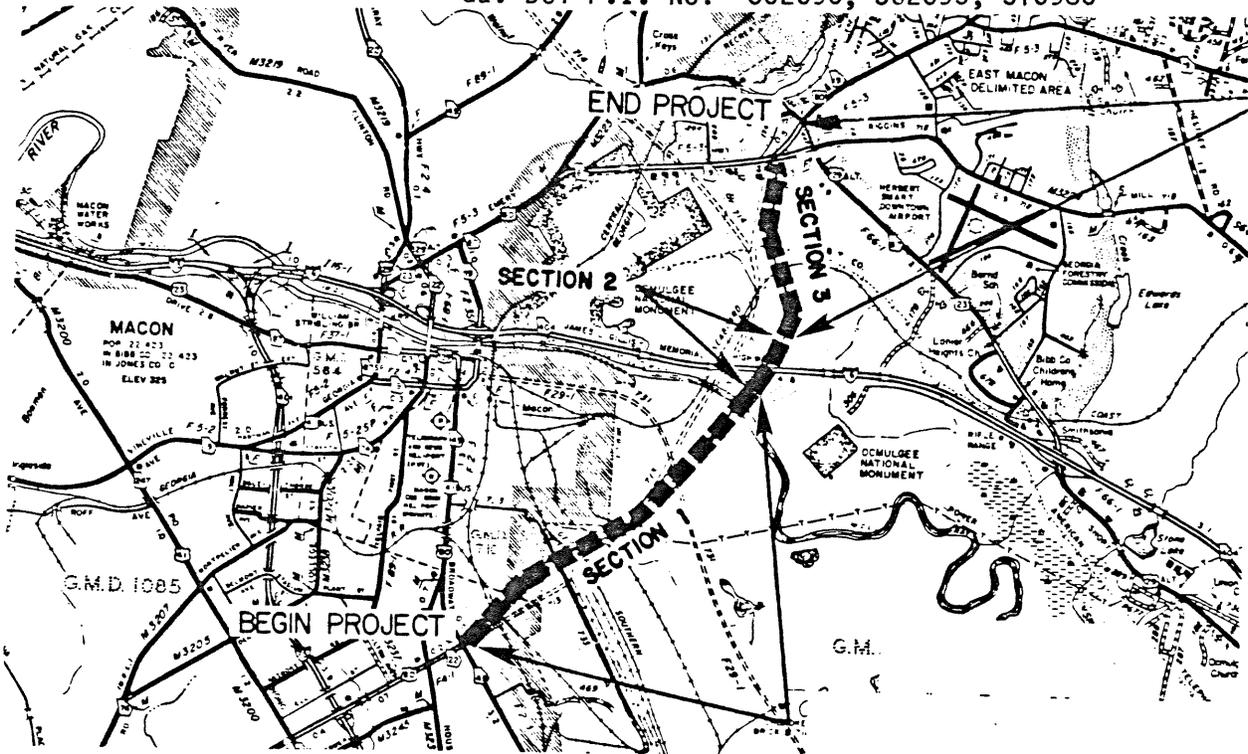
State Bridge and Structural Design Engineer

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

Project Concept Report  
TSAP 758(1) & (2) & IR-16-1(91)  
Bibb County  
Eisenhower Parkway Extension

*John H. Hobb*  
*Location*

Federal Route No: None  
State Route No: 758  
Ga. DOT P.I. No: 362690, 362695, 310980



Date of Report: Sept. 30, 1985

RECOMMENDATION FOR APPROVAL

Date

*9-30-85*

Date

*10-21-85*

Date

Date

State Urban and Multi-Modal Design Engineer

*John H. Hobb*

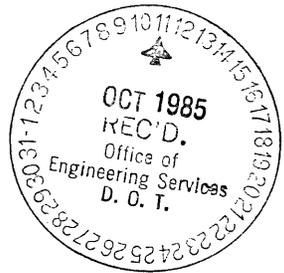
State Environment/Location Engineer

*John H. Hobb*

State Traffic and Safety Engineer

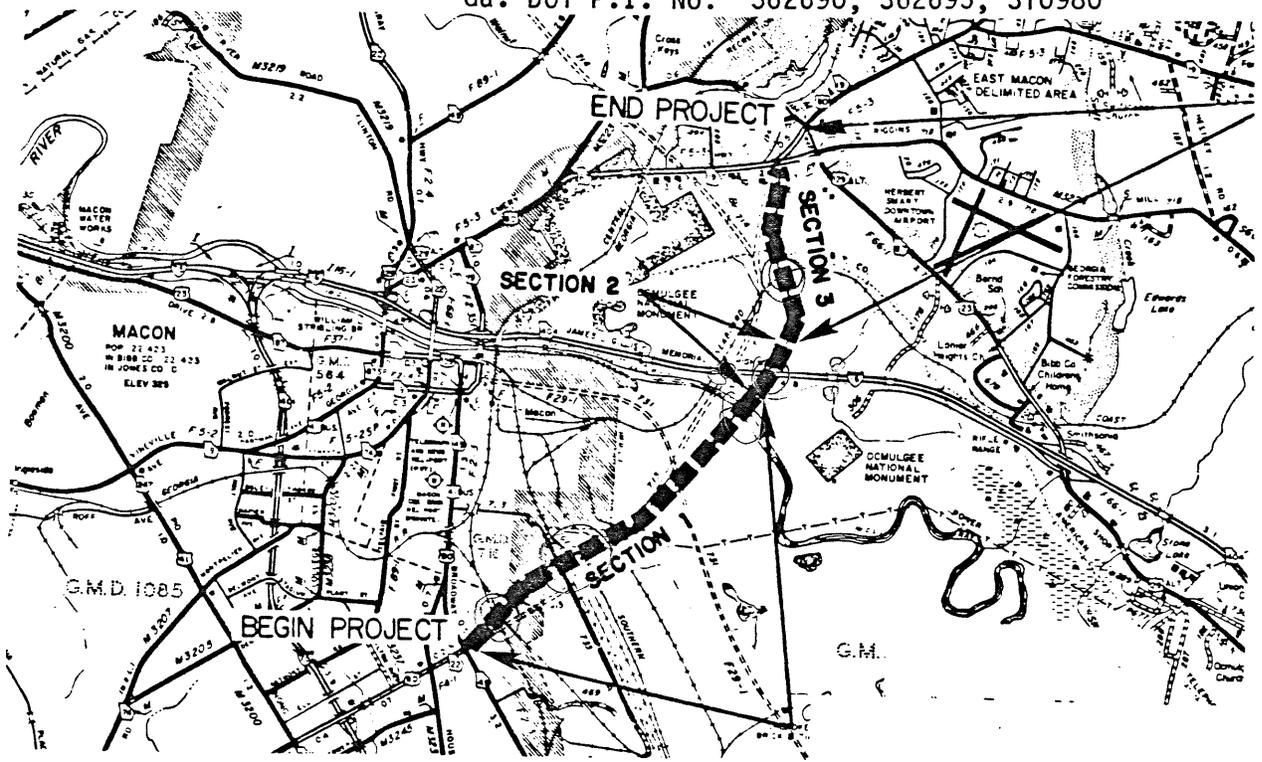
State Bridge and Structural Design Engineer

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA



Project Concept Report  
TSAP 758(1) & (2) & IR-16-1(91)  
Bibb County  
Eisenhower Parkway Extension

Federal Route No: None  
State Route No: 758  
Ga. DOT P.I. No: 362690, 362695, 310980



Date of Report: Sept. 30, 1985

RECOMMENDATION FOR APPROVAL

Date  
9-30-85  
Date

State Urban and Multi-Modal Design Engineer  
[Signature]  
State Environment/Location Engineer

Date  
10/11/85  
Date

State Traffic and Safety Engineer  
G. C. Lewis  
State Bridge and Structural Design Engineer

PROJECT CONCEPT REPORT

PROJECT NO.: TSAP-758(1)&(2) IR-16-1(91) BIBB COUNTY

PREVIOUS PROJECT NO.: None ROUTE NO.: None

LOCATION: Macon, GA

TRAFFIC: CURRENT ADT 14,500 (1990) PROJECTED ADT 20,500 (2010)

EXISTING TYPICAL SECTION: N/A

EXISTING MAJOR STRUCTURES: N/A

STATEMENT OF NEED AND PURPOSE OF PROJECT:

The Eisenhower Parkway Extension project is included in the Macon Area Transportation Study as an integral part of the area's transportation network. This study was designed to handle the area transportation needs through the year 2005, and is a comprehensive, cooperative and continuing transportation planning process conducted by the local governments and the Georgia Department of Transportation in cooperation with the Federal Highway Administration.

The Eisenhower Parkway Extension will serve to relieve present and projected congestion on Coliseum Drive, Second Street, Spring Street and

PROJECT CONCEPT: (continued)

I-16 bridges over the Ocmulgee River. At present, these are the only four connections between eastern and western Bibb County, and there is less than one mile between each of them. Trips going to or from the south side of Macon and southern Bibb County and to or from I-16 or the eastern portion of Bibb County, must now go through the downtown area and use one of the existing bridges. This project provides a direct connection between these two areas.

The proposed new I-16 interchange will serve trips between downtown, eastern Bibb County, southeastern Jones County and western Twiggs County. It will also serve trips from I-16 to or from the Seventh Street Industrial area and the Macon Mall area.

The Eisenhower Parkway Extention project with an interchange at I-16 is a part of the Macon Area Transportation Plan, FY 1986-1990 Transportation Improvement Program and is a high priority project in the Macon area.

LENGTH: 4.5 miles BEGINNING: S.R. 49/Broadway

ENDING: U.S. 80/S.R. 19

Jeffersonville Road

PDP CLASSIFICATION: Major New Location FUNCTIONAL CLASSIFICATION: Rural

MAX. DEGREE OF CURVE: 3°-30' MAX GRADES: 4% DESIGN SPEED: 60 mph

PROPOSED TYPICAL SECTION: 4-lane divided with a 44 foot median

MAJOR STRUCTURES: 5-Pairs of Bridges - Central of Georgia Railroad and

Southern Railroad - 1 pair, Southern Railyard - 1 pair, Ocmulgee River - 1

pair, Interstate 16 - 1 pair, Seaboard Coast Line Railroad - 1 pair

PROJECT CONCEPT: (continued)

TYPE ACCESS: Partial limited

TRAFFIC CONTROL DURING CONSTRUCTION: Traffic will be maintained on existing streets during construction

<u>ESTIMATED COST:</u>	<u>R/W \$2,565,000</u>	
	<u>CONSTR. \$20,562,000</u>	<u>TOTAL \$23,887,000</u>
	<u>UTILITIES \$760,000</u>	<u>includes 10% E. &amp; C.</u>

PERMITS REQUIRED: None

LEVEL OF ENVIRONMENTAL ANALYSIS: Environmental Assessment

LEVEL OF PUBLIC INVOLVEMENT Local government project agreements with the city and county

TIME SAVING PROCEDURES APPROPRIATE: YES NO X

DESIGN EXCEPTIONS REQUIRED: None

ALTERNATES CONSIDERED: (1) Alternate "A" - Build

(2) Alternate "B" - No Build

OTHER PROJECTS IN THE AREA: F-005-3(9), Bibb, Jeffersonville Road/U.S. 80

CONCEPT TEAM MEETING HELD: April 17, 1985

PRESENT: Tom Bryan, FHWA

Bud Alexander, Utilities (RR)

Grady Bentley, Dist #3/Preconstruction

Bob Moore, Plan Develop. Bureau

Bob Mustin, Bridge Design

Jerry Johnson, Right of Way

Thelbert Gupton, Traffic & Safety

Walker Scott, Engineering Service

Kirby Hamil, Urban Design

John Richards, Aerial Lab

Billy Williams, Urban Design

Loletha King, Environmental

Joseph Wheeler, Urban Design

C. Wayne Hutto, Location

Bascombe Hughes, Aerial Lab

Jerry L. Hobbs, Location

Anthony Robinson, Location

FIELD REVIEW HELD: May 14, 1985

COMMENTS:

I. Alternate "A" is recommended for the following reason: (A) Alternate "A" will relieve present and projected congestion on four river crossings between eastern and western Bibb County.

(B) Alternate "A" provides a direct connection between the southside of Macon/Southern Bibb County and Eastern Bibb County that removes trips from the downtown area.

(C) Alternate "A" is a high priority project in the Macon area.

COMMENTS: (continued)

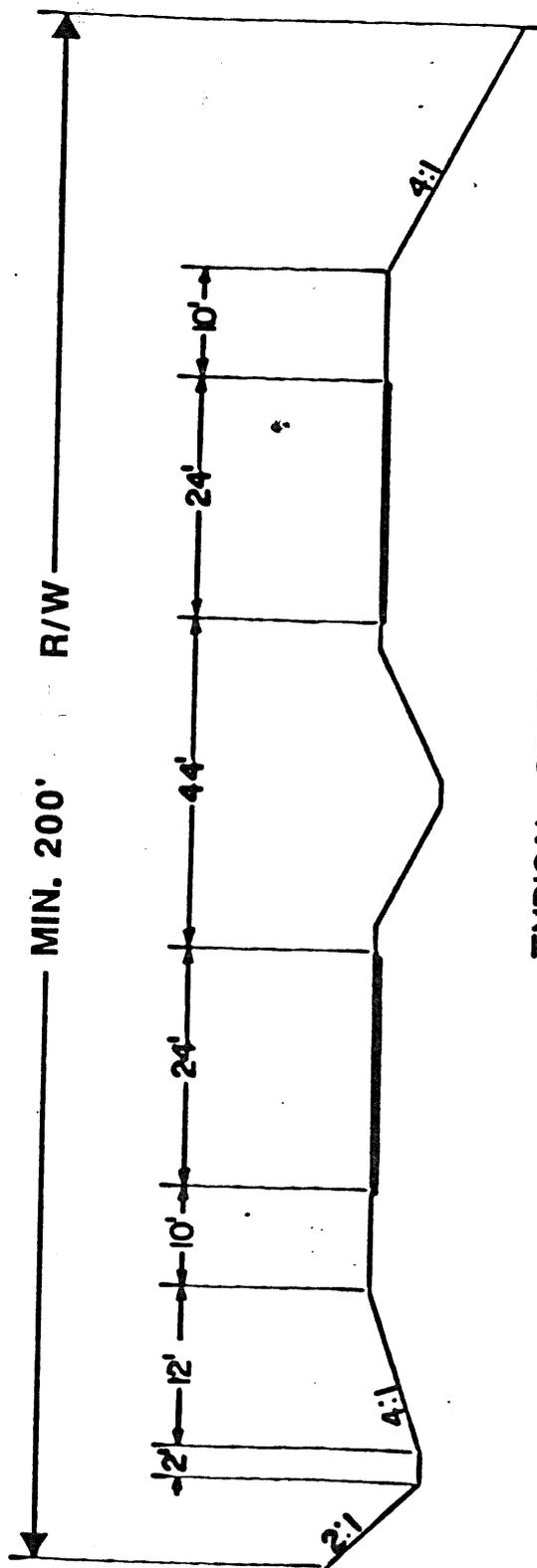
II. A location and design public hearing is recommended for this project.

III. Proposed access to this highway is recommended to be restricted to five points. They are: (A) S.R. 49/Broadway (B) In the vicinity of Seventh Street (c) Poplar Street (d) Interstate-16 (e) S.R. 19/Emery Highway.

Attachments: Typical Section  
Concept Team Meeting Minutes  
[REDACTED]  
Local Project Agreements

5931A-0096A

# TYPICAL SECTION



TYPICAL SECTION

NEW LOCATION