

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE I-16-1(92) Bibb County OFFICE Preconstruction  
P.I. No. 311000 TDM-2 DATE April 30, 1986

*R. L. Alston /c*

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

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL - I-16 Interchange Modifications

Attached for your files is the approval for subject project.

RLA/cj

Attachment

DISTRIBUTION:

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

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

## INTERDEPARTMENT CORRESPONDENCE

DIV. ADMR.	
ASST. DIV. ADMR.	<i>OKO</i>
DIST. A	
DIST. B	<input checked="" type="checkbox"/>
FIN. MGR.	
P. & R. ENGR.	
BR. ENGR.	
REALTY OFF.	

FILE I-16-1(92) Bibb County  
P.I. No. 311000 TDM-2

OFFICE Preconstruction

DATE January 29, 1986

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

TO Thomas D. Moreland, Commissioner

*TD 4/15 292*  
*Bryan*

SUBJECT PROJECT CONCEPT REPORT - I-16 Interchange Modifications

This project consists of improving the capacity and flow of I-16 at Spring Street, Second Street, and Fifth Street in Macon by modifying the access points and providing some kind of collector/distributor between them. Second Street, Spring Street, and Fifth Street are the three major arterials that serve Macon and the north side of the <sup>Ocmulgee</sup> ~~Muscogee~~ River. The Spring Street interchange is just west of Second Street and its I-16 eastbound off-ramp and westbound on-ramp are not operating effectively because of their over capacity. The project proposal improvements affect the connections with I-16 at Spring Street, Second Street, and Fifth Street. Second Street has only an exit ramp from the east off I-16 with no other access points, thus forcing they major movements to the Spring Street and Fifth Street exits. The bridges affected are I-16 bridge over Spring Street and the Second Street bridge over I-16. The addition of ramps to Second Street should aid in reducing the over capacity of Spring Street since Second Street is under-utilized. The traffic on this project is as follows:

- On I-16 west of Spring Street interchange.  
50,600 ADT (1986) and 66,400 ADT (2006)
- On I-16 east at Spring Street interchange.  
23,100 ADT (1986) and 29,800 ADT (2006)
- On Spring Street south of I-16 interchange.  
20,900 ADT (1986) and 26,600 ADT (2006)
- On Spring Street north of I-16 interchange.  
30,400 ADT (1986) and 48,450 ADT (2006)

It is proposed to redistribute the traffic at Spring Street to Second Street to balance the traffic movements. As you can see, the heavy exit and entrance load to the west from Spring Street is causing serious congestion problems. It is further proposed to add a collector/distributor between Spring Street and Fifth Street to go under the Second Street bridge. It is also proposed to close

Thomas D. Moreland  
Page 2  
January 29, 1986

I-16-1(92) Bibb County

the eastbound on-ramp at Spring Street and create an eastbound on-ramp at Second Street and a new entrance ramp to the west from Second Street. The off-ramp existing at Fifth Street/Coliseum Drive would be rearranged to come off the collector/distributor road. It is further proposed to modify the radius on the Spring Street entrance ramp to the west on I-16 and from the south on Spring Street. The ramp sections are proposed to be 16' wide with 8' inside shoulders and 10' outside shoulders. The Second Street bridge will require modifications to accept the ramp terminals from I-16. This is a limited access project.

The estimated cost of the proposal is:

	PROPOSED ESTIMATE	APPROVED ESTIMATE	
Construction (includes E&C and inflation)	\$3,800,000	\$1,515,000	FY 88
Right-of-Way	\$ 320,000	\$ 73,000	
PE	\$ 190,000		

Utilities will be furnished by local government project agreement.

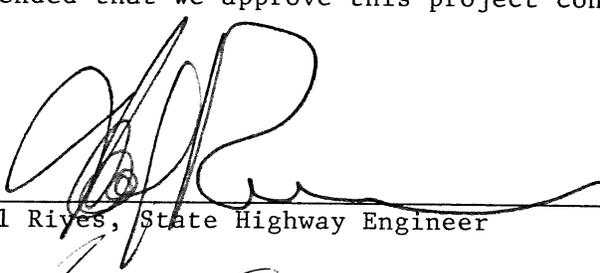
A public hearing will be required for this project.

It is recommended that we approve this project concept.

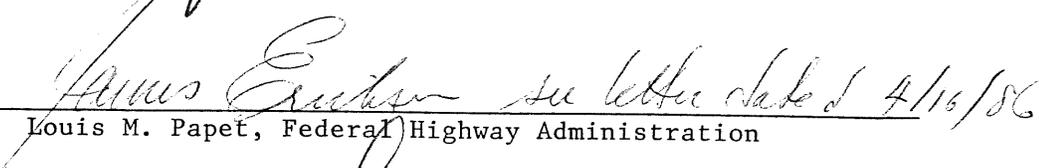
ALD:RLA/cj

Attachment

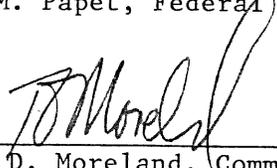
CONCUR

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

APPROVE

 see letter dated 4/16/86  
\_\_\_\_\_  
Louis M. Papet, Federal Highway Administration

APPROVE

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

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

## INTERDEPARTMENT CORRESPONDENCE

**FILE** I-16-1(92) Bibb County  
 P.I. No. 311000  
 I-16 Interchange Modifications at Spring,  
 Second and Fifth Streets in Macon

**OFFICE** Atlanta, Georgia

**DATE** October 4, 1985

**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 August 19, 1985 for this Major project.

We have received signed cover sheets and/or comments from the following offices:

1. Bridge Design
2. Traffic and Safety (See attached comments.)

This report is satisfactory for approval.

WRP:se

Attachment

*The estimated cost of this project is as follows:*

Construction (includes <del>175</del> inflation and ETC)	<del>\$ 3,800,000</del> <i>mm</i>
Right-of-Way	<del>\$ 2,900,000</del>
Utilities	<u>\$ 320,000</u>
	<u>LGPA</u>

*11-25-85*

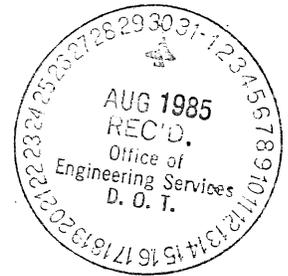
*ATM*

# DEPARTMENT OF TRANSPORTATION

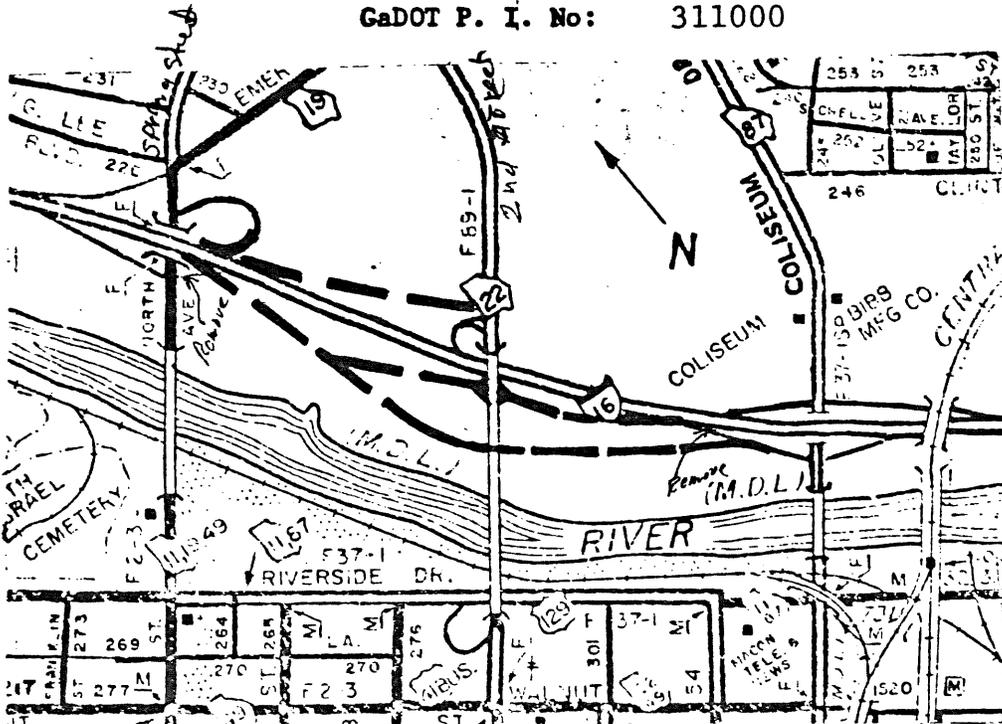
## STATE OF GEORGIA

PROJECT CONCEPT REPORT

I-16 INTERCHANGE MODIFICATIONS



**Federal Route No:** I-16  
**State Route No:** 404  
**GaDOT P. I. No:** 311000



DOWNTOWN MACON

Date of Report: 8-19-85

RECOMMENDATION FOR APPROVAL

<u>8/21/85</u>	<u><i>Harold D. ...</i></u>
Date	Project Manager (District Engineer or Office Head)
<u>8/28/85</u>	<u>G. C. Lewis</u>
Date	State BRIDGE Engineer



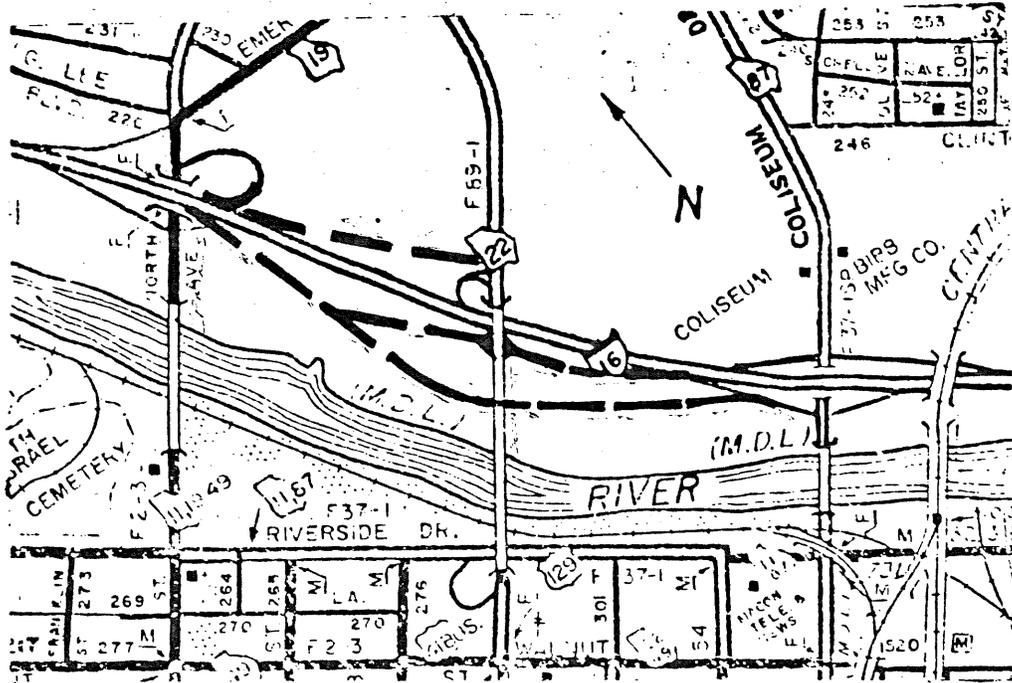
# DEPARTMENT OF TRANSPORTATION

## STATE OF GEORGIA

PROJECT CONCEPT REPORT

I-16 INTERCHANGE MODIFICATIONS

Federal Route No: I-16  
State Route No: 404  
GaDOT P. I. No: 311000



DOWNTOWN MACON

Date of Report: 8-19-85

### RECOMMENDATION FOR APPROVAL

8/21/85

Date

*[Signature]*  
Project Manager (District Engineer or Office Head)

Date

*[Signature]*  
State Environmental Engineer

Date

*[Signature]*  
State Engineer