

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE STP-0007-00(078) Fulton County
P. I. No. 0007078
SR 92 Realignment

OFFICE Preconstruction

DATE January 19, 2005

FROM *John Kumb*
Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

TO *For* SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

MBP/cj

Attachment

DISTRIBUTION:

- David Mulling
- Harvey Keepler
- Ken Thompson
- Jamie Simpson
- Michael Henry
- Keith Golden
- Joe Palladi (file copy)
- Paul Liles
- Babs Abubakari
- Bryant Poole
- BOARD MEMBER

John M. Clark 1-20-05 RECOMMENDED
Project Engineer 1-20-05 RECOMMENDED
John M. Clark 1-20-05 RECOMMENDED
Commissioner 1-20-05 APPROVED

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District 7

PROJECT CONCEPT REPORT

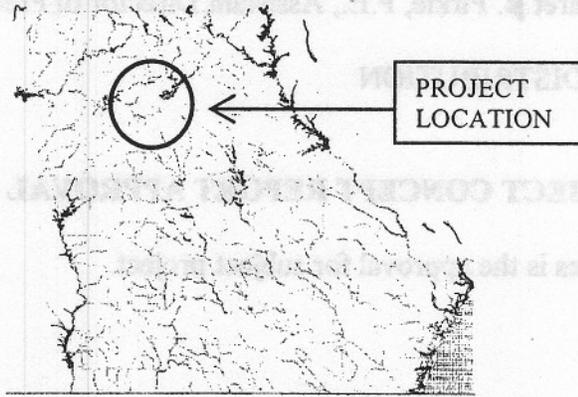
Project Number: STP-0007-00(078)

County: Fulton

P. I. Number: 0007078

Federal Route Number: N/A

State Route Number: 92



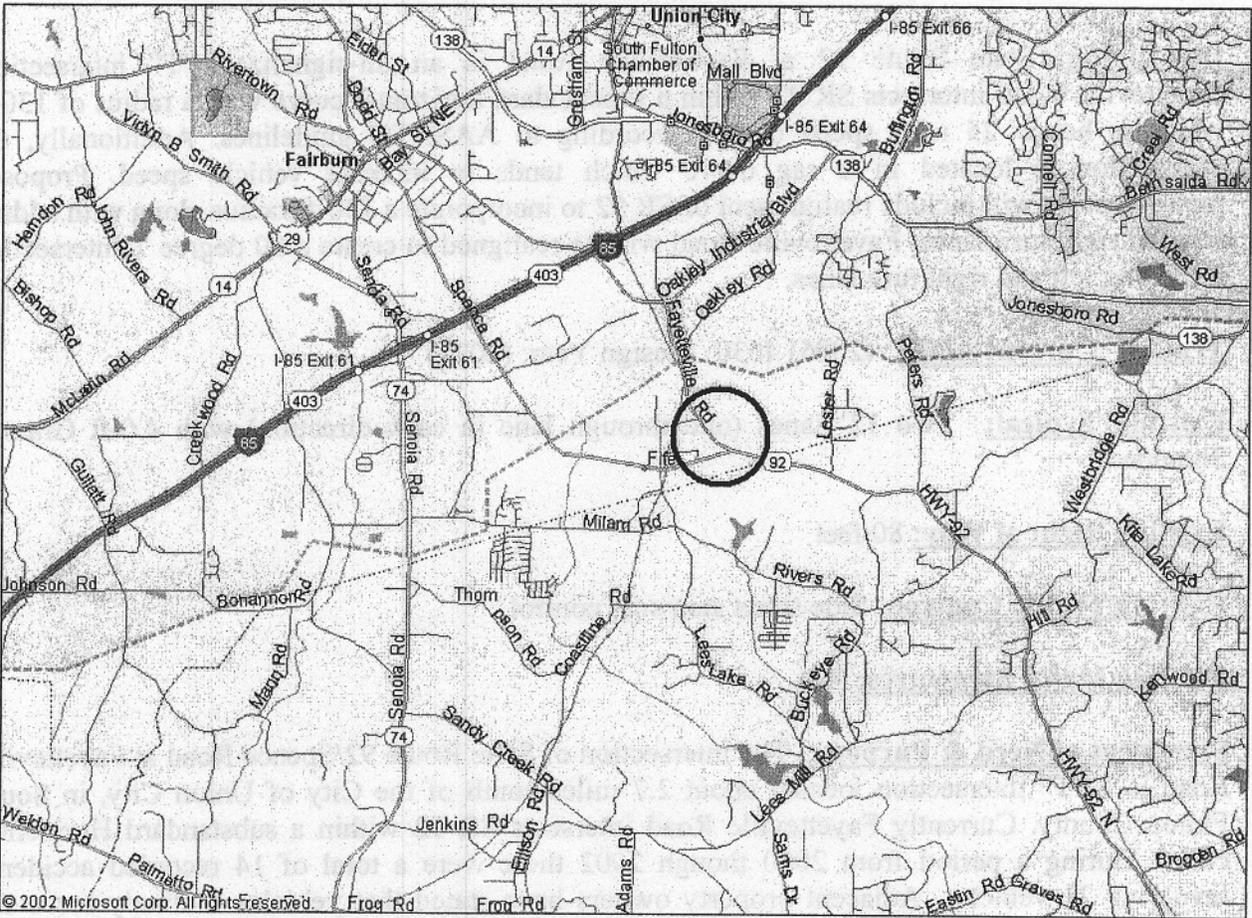
Date of Report: October 26, 2004

RECOMMENDED:	<u>1-5-05</u>	<u>Phillip M. Allen</u>
	DATE	SAFETY TRAFFIC SAFETY AND DESIGN ENGINEER
RECOMMENDED:	<u>17 Dec. 04</u>	<u>Bryant Poole / rnb</u>
	DATE	DISTRICT ENGINEER
RECOMMENDED:	<u>1/12/04</u>	<u>Paul W. Walsh</u>
	DATE	CHIEF ENGINEER
APPROVED:	<u>1-13-05</u>	<u>David L. Zwickel</u>
	DATE	COMMISSIONER

PROJECT CONCEPT REPORT

Project Location Sketch

This project is located in South Fulton County in 9th Land District, Land Lot 22 & 23 in Georgia Military District. The project location is approximately 2.65 miles south of the City of Union City.



to improve the safety and operational flow of traffic, the alignment on SR 92 will shift south providing a 750-ft radius curve meeting the requirements for a 45 mph speed design (according to 2002 AASHTO guidelines) that vastly improves the existing 130-ft radius curve. This will improve the safety of this intersection and will provide a safer environment for adjacent property owners and motorists negotiating the proposed curve.

facilities on this portion of SR 92

Length: 0.183 miles (1000 feet)

PROJECT CONCEPT REPORT

P.I. NO.: 0007078

Project No.: STP-0007-00(078)

Route No.: SR 92 (Spence Road)

Location: This project is located in South Fulton County in 9th Land District, Land Lots 22 & 23, in Georgia Military District. The Project location is approximately 2.65 miles south of the City of Union City.

Description: State Route 92 at Fayetteville Road is an un-signalized "T" intersection. Fayetteville Road intersects SR 92 within a substandard horizontal curve with a radius of 130-ft which is below 25 mph speed design according to AASHTO guidelines. Additionally, the intersection is located in a sag curve which tends to increase vehicle speed. Proposed improvements will include realignment of SR 92 to incorporate a 730-ft radius along with adding left and right turn lanes. Fayetteville Road will be realigned to create a 90 degree T intersection providing left and right turn lanes.

Traffic – Current ADT: (2005) 4630 Design Year: (2025)

Existing Typical: Two 12' lanes (one through lane in each direction) with 4.0-ft Grassed Shoulders.

Existing Right of Way: 80 feet

Existing Traffic Control: Side street stop sign control.

Existing Major Structures: N/A

Statement of Need & Purpose: The intersection of State Route 92/Spence Road at Fayetteville Road is a "T" intersection located about 2.7 miles south of the City of Union City, in South Fulton County. Currently Fayetteville Road intersects SR 92 within a substandard Horizontal curve. During a period from 2000 through 2002 there were a total of 14 recorded accidents involving 21 vehicles. Adjacent property owners have stated that vehicles routinely leave the roadway with minor incident resulting in a number of accidents going unreported. In an effort to improve the safety and operational flow of traffic, the alignment on SR 92 will shift south providing a 730-ft radius curve meeting the requirements for a 45mph speed design (according to 2002 AASHTO guidelines) that vastly improves the existing 130-ft radius curve. This will improve the safety of this intersection and will provide a safer environment for adjacent property owners and motorist negotiating the proposed curve.

Bicycle & Pedestrian Considerations: There are no designated bike lanes or pedestrian facilities on this portion of SR 92.

Length: 0.189 miles (1000 feet)

PDP Class: Minor

Functional Class: Urban Minor Arterial

Minimum Radius: 835'

Max Grades: +/- 6%

Design Speed: 45 mph

Proposed Typical Section: Three 12' lanes (one through lane in each direction, and one left turn lane / striped median) and 10-ft Shoulders (6.5-ft paved, 3.5-ft grassed).

Proposed Major Structures: N/A

Type Access: By Permit

Traffic Control During Construction: Contractor to provide traffic control during construction. No detours will be necessary.

Right-of-Way Requirements: Project will require purchase of a limited amount of Right-of-Way and easements for the construction of slopes.

Utilities: There are underground and aboveground utilities in the area of this project. Some utility relocation will be necessary.

Estimated Cost:

<u>Item</u>	<u>Total Amount</u>	
	<u>FEDERAL/STATE</u>	<u>LOCAL</u>
R/W-----	\$ 90,000	
Utilities -----	\$ 30,000	
Estimate Total-----	\$	0
Construction -----	\$ 325,000	
Traffic Signal -----	\$ 0	
Railroad Equipment -----	\$ 0	
E & C 10% -----	\$ 32,500	
Total Construction -----	\$ 477,500	

Permits Required: None

Level of Environmental Analysis: Categorical exclusion

Level of Public Involvement: None

EXISTING

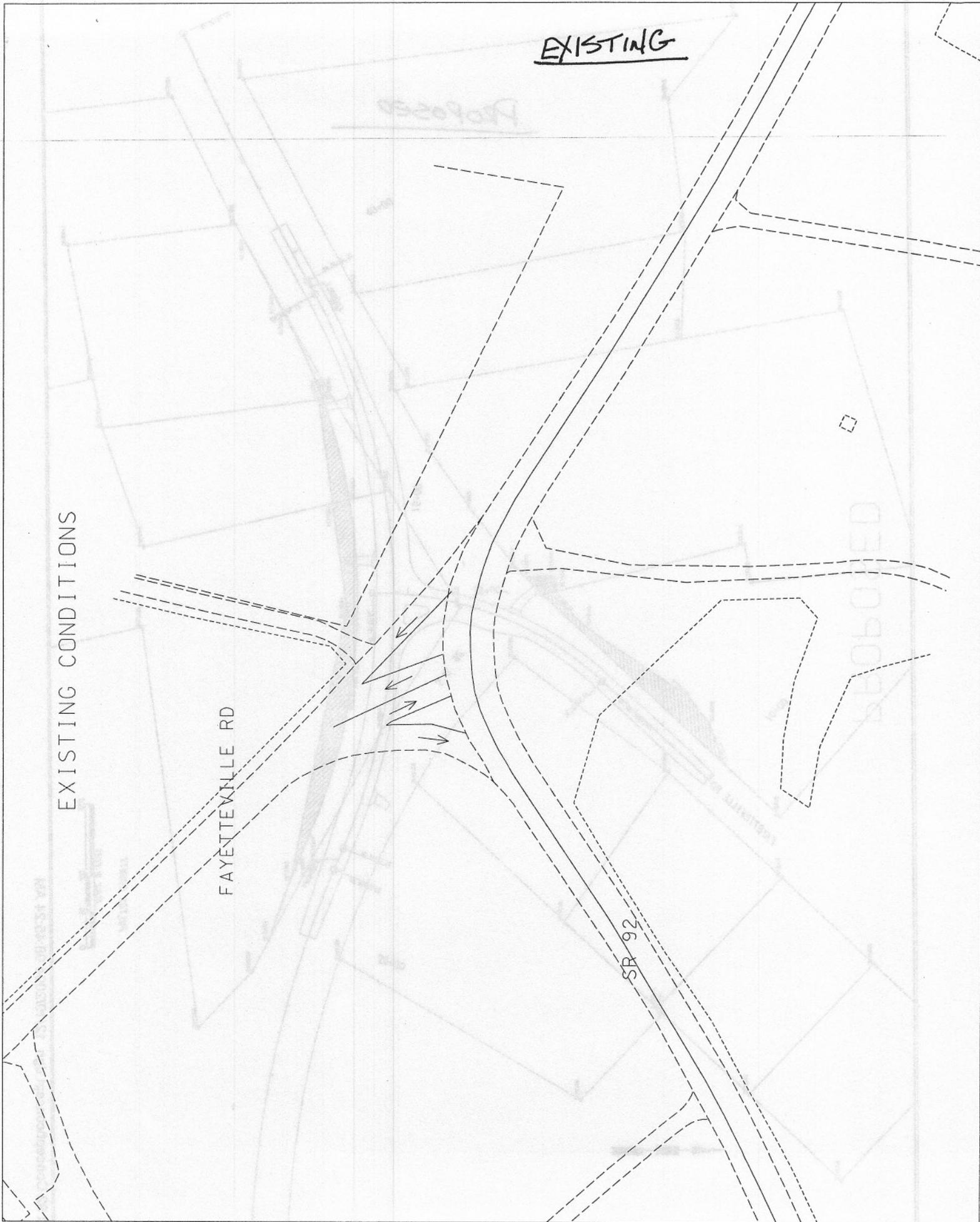
Proposed

EXISTING CONDITIONS

FAYETTEVILLE RD

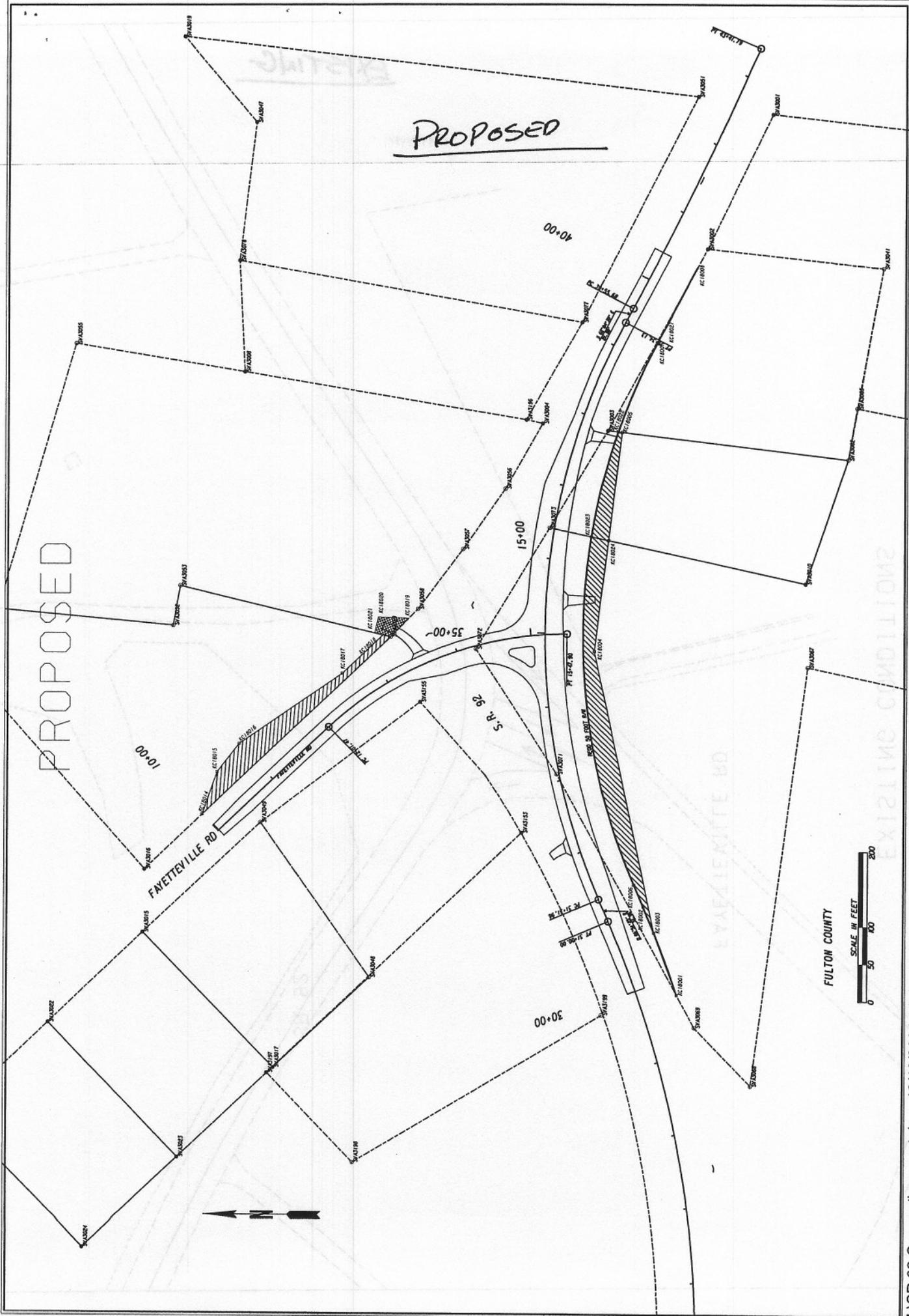
SR 92

DEPOSED



PROPOSED

PROPOSED

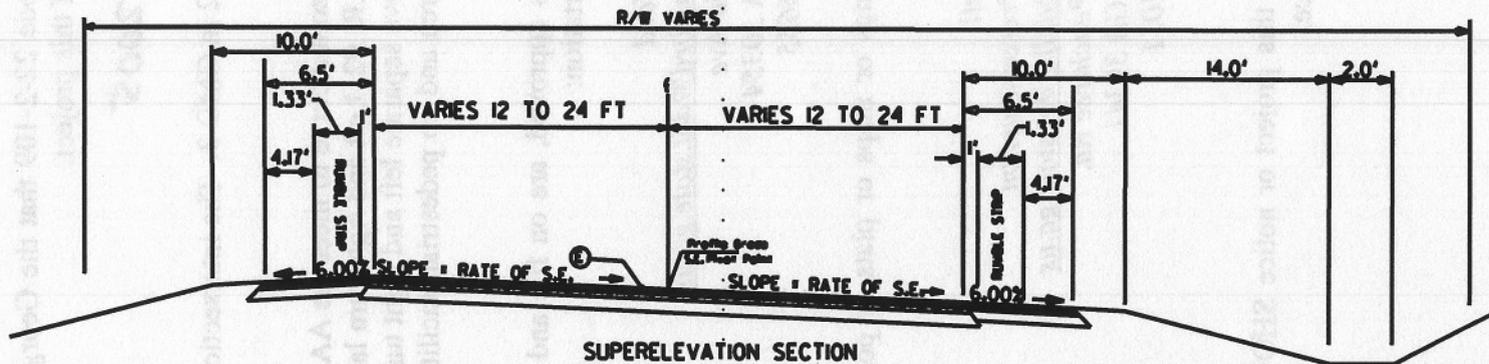
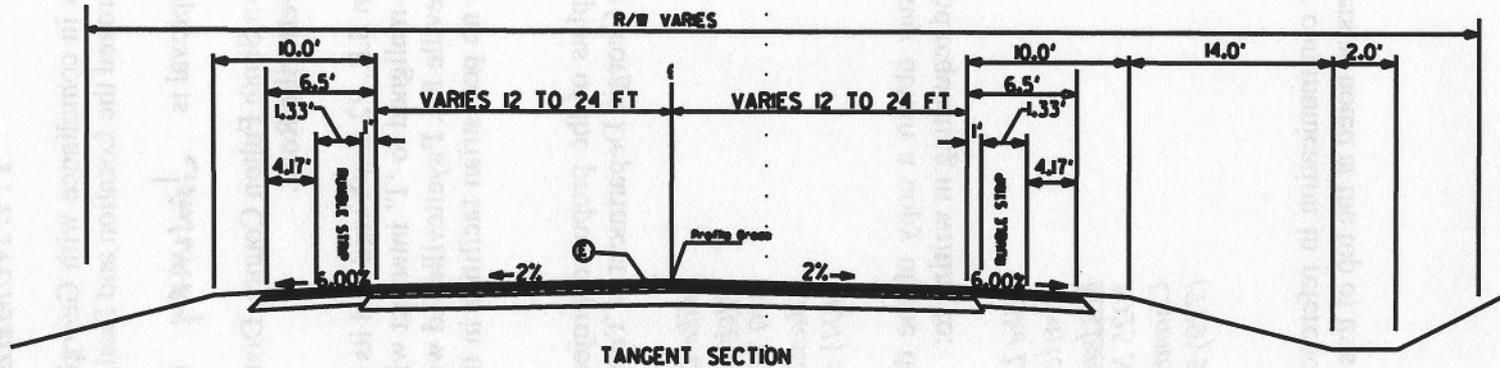


FULTON COUNTY



TYPICAL SECTIONS

FULL DEPTH PAVING



INTERSECTION IMPROVEMENT
SR 98 AT FAYETTEVILLE RD

GEORGIA
DEPARTMENT
OF
TRANSPORTATION

DATE	BY	CHECKED	APPROVED

5-01

NOTICE OF LOCATION AND DESIGN APPROVAL

PROJECT NUMBER: STP-0007-00(078)

COUNTY: FULTON

P. I. NUMBER: 0007078

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 this project.

The date of location approval is **JANUARY 19, 2005**

This project is located in South Fulton County, District 2 in GMD 3. The intersection of S.R. 92 (Spence Road) and Fayetteville Road.

It is proposed to realign S.R. 92 southward and its horizontal curve to meet the AASHTO minimum. Fayetteville Rd will be realigned to 'T' intersect with S.R. 92. Left and right turn lanes will be added to S.R. 92 onto Fayetteville Rd. Fayetteville Rd will have separate left and right turn lanes onto S.R. 92. Currently there are no pedestrian facilities in this area and no pedestrian facilities will be added with this project.

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

Mike Lankford
michael.lankford@dot.state.ga.us
940 Virginia Ave
Atlanta, GA 30354
(404) 559-6655

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

Mike Lobdell
District 7 Preconstruction
Michael.lobdell@dot.state.ga.us
5025 New Peachtree Rd.
Chamblee, GA 30341
(770) 986-1011

Any written request or communication in reference to this project or notice SHOULD include the Project and P. I. Numbers as noted at the top of this notice.