

ORIGINAL COPY - FOR GENERAL FILES  
DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

## INTERDEPARTMENT CORRESPONDENCE

FILE FR-005-5(22) Bulloch County OFFICE Preconstruction  
P.I. No. 521970 DATE October 17, 1991

FROM *CWH*  
C. Wayne Hutto, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL - SR 26/US 80 WIDENING

Attached for your files is the approval for subject project.

CWH/se

Attachment

## DISTRIBUTION:

John Lively  
Robert E. Humphrey  
David Studstill  
Herman Griffin  
Roland Hinnens  
Darrell Elwell  
Winn Guthrie  
Kirby Hamil  
Ron Colvin  
Craig Brack

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

## INTERDEPARTMENT CORRESPONDENCE

FILE FR-005-5(22) Bulloch County OFFICE Preconstruction  
P.I. No. 521970 DATE October 3, 1991

FROM Hoyt J. Lively, P.E., Director of Preconstruction

TO Hal Rives, Commissioner

SUBJECT PROJECT CONCEPT REPORT - SR 26/US 80 Widening

This project is the widening of a 1.5 miles section of SR 26/US 80 to provide a multilane facility from Lester Road to SR 73/US 301 in Statesboro. This is a change in the original northern limit which ended the project at Zetterower Avenue. This extension of the project limits was recommended at the concept team meeting. The existing road between Lester Road and Zetterower Avenue has two lanes each direction with a 4' flush median. The section between Zetterower Avenue and US 301 has 62' of pavement and is striped for four lanes. There is a minor structure, a 6' x 3' box culvert, within the project limits. Base year and design year traffic is 23,600 VPD (1996) and 37,800 VPD (2016).

The proposed project will widen the existing road between above termini (including proposed extension) to have an urban section with four, 12' lanes (two each direction) with 14' flush median. Traffic will be maintained on existing road during construction. Environmental considerations are: (1) COE 404, (2) four possible UST sites, and (3) a public hearing will be held. It is also proposed to realign a short section of Savannah Road at US 80 to tie into US 80 at near 90°, thus eliminating the existing acute angle of intersection.

The estimated cost of the project is:

|   | PROPOSED    | APPROVED  | PROGRAM DATE        |
|---|-------------|-----------|---------------------|
| Construction (includes E&C and inflation) | \$1,388,000 | \$580,000 | FY 94<br>Preprogram |
| Right-of-Way                              | \$ 100,000  | No Est    |                     |
| Utilities                                 | LGPA*       | -----     |                     |

\*LGPA to be sent after concept approval.

Hal Rives  
Page 2  
October 3, 1991

FR-005-5(22) Bulloch County

I recommend that we approve this project concept report, that the project be removed from Preprogram Status, and added to the Construction Work Program for implementation.

HJL:WLP/cj

Attachment

CONCUR

G. C. Lewis

G. Charles Lewis  
State Highway Engineer

APPROVE

Hal Rives  
Hal Rives  
Commissioner

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

RECEIVED  
SEP - 3 1991

INTERDEPARTMENT CORRESPONDENCE

FILE FR-005-5 (22) Bulloch County OFFICE Atlanta, Georgia  
 P.I. No. 521970  
 SR 26/US 80 Widening DATE August 29, 1991

FROM Robert E. Humphrey, Project Review Engineer *REH*  
 TO Hoyt J. Lively, Jr., Director of Preconstruction

SUBJECT PROJECT CONCEPT REPORT

We have reviewed the attached Concept Report for this Major project and have the following comment:

The Report states that Utility relocations will be the responsibility of local government, however, a Local Government Project Agreement was not included with the Report.

We have received signed cover sheets from the following offices:

- Traffic and Safety
- Environmental

This report is satisfactory for approval.

The estimated costs of this project are as follows:

|                                  |                  |
|----------------------------------|------------------|
| Construction                     | \$1,147,000      |
| Inflation (5% per year) x 2 yrs. | 114,700          |
| E & C (10%)                      | 126,170          |
| Preliminary Engineering (5%)     | 63,080           |
| Right of Way                     | 100,000          |
| Utilities                        | LGPA Anticipated |

REH/jmf

Attachments

c: Roland W. Hinners



DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
OFFICE OF ROAD AND AIRPORT DESIGN



PROJECT CONCEPT REPORT

SR 26/US 80  
FR-005-5(22)  
BULLOCH COUNTY

FEDERAL ROUTE NO: US 80  
STATE ROUTE NO: SR 26  
GADOT P.I. NO: 521970

Date of Report: JUN-12-1991

| RECOMMENDATION FOR APPROVAL  |   |
|------------------------------|---|
| <u>July 15, 1991</u><br>DATE | <u>Walter Woods</u><br>State Road & Airport Design Engineer |
| _____<br>DATE                | _____<br>State Environmental Engineer                       |
| <u>July 24, 1991</u><br>DATE | <u>Ron Colvin</u><br>State Traffic & Safety Engineer        |
| _____<br>DATE                | _____<br>District Engineer                                  |

D.O.T. 89

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE



FILE FR-005-2 (22) OFFICE Atlanta, Ga  
Bulloch County  
P.I. No. 521970 DATE July 23, 1991

FROM *RC* Ron Colvin, P.E., State Traffic & Safety Engineer

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

SUBJECT Project Concept Report Review

We have reviewed the concept report on the above project for widening S.R. 26/U.S. 80 in Statesboro. The project begins at Lester Road and continues north to S.R. 25/U.S. 301. Design speed is 45 MPH.

The existing typical section is two lanes in each direction with a four ft. median from Lester Road to Zetterower Avenue. The pavement from Zetterower Avenue to S.R. 73/U.S. 80 is 62 ft. wide and striped for four lanes. The roadway south of Lester Road is a five lane section.

For this major urban facility the proposed typical section would consist of two 12 ft. lanes in each direction with a 14 ft. center turn lane and shoulder widths to meet current design specifications.

Discussed during the Concept Team Meeting was the realignment of Savannah Avenue with Gentilly Road which would tie 90 degrees at S.R. 26. This is the preferred design which would eliminate the sharp skew angle with existing Savannah Road and Deanna Drive at S.R. 26.

Conversation with District Personnel indicate that traffic signal upgrades would be needed at the following intersections:

Zetterower Avenue at S.R. 26, minor adjustment  
Main Street/S.R. 24 at S.R. 26, minor adjustment  
Lester Road at S.R. 26, upgrading/need new master controller  
Brannen Road (just south of project) need to interconnect with system

A design is preferred to provide a physical raised median with two 12 ft. lanes in each direction. However, considering cost and engineering restraints, we would consider the proposed four lane section with a 14 ft. center left turn lane acceptable for this particular project.

RC:LEO:lw

Attachment (signature page)

cc: Walker Scott, Jr., State Road & Airport Design Engineer  
Craig Brack - Jesup  
Burt Riddle - Traffic & Safety

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

## INTERDEPARTMENT CORRESPONDENCE



FILE FR-005-5(22) Bulloch County OFFICE Atlanta  
P.I. No. 521970 DATE July 12, 1991

FROM *Walker W. Scott*  
Walker W. Scott, P.E., State Road & Airport Design Engineer

TO Robert Humphrey, Project Review Engineer

SUBJECT Request Approval for Concept Report

In accordance with the plan development process, the report for the above project is attached for your review and processing.

WWS:JPB:bc  
Attachment

cc: Juan Durrence  
Ron Colvin  
Craig Brack  
David Studstill  
Wayne Hutto

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
OFFICE OF ROAD AND AIRPORT DESIGN



PROJECT CONCEPT REPORT

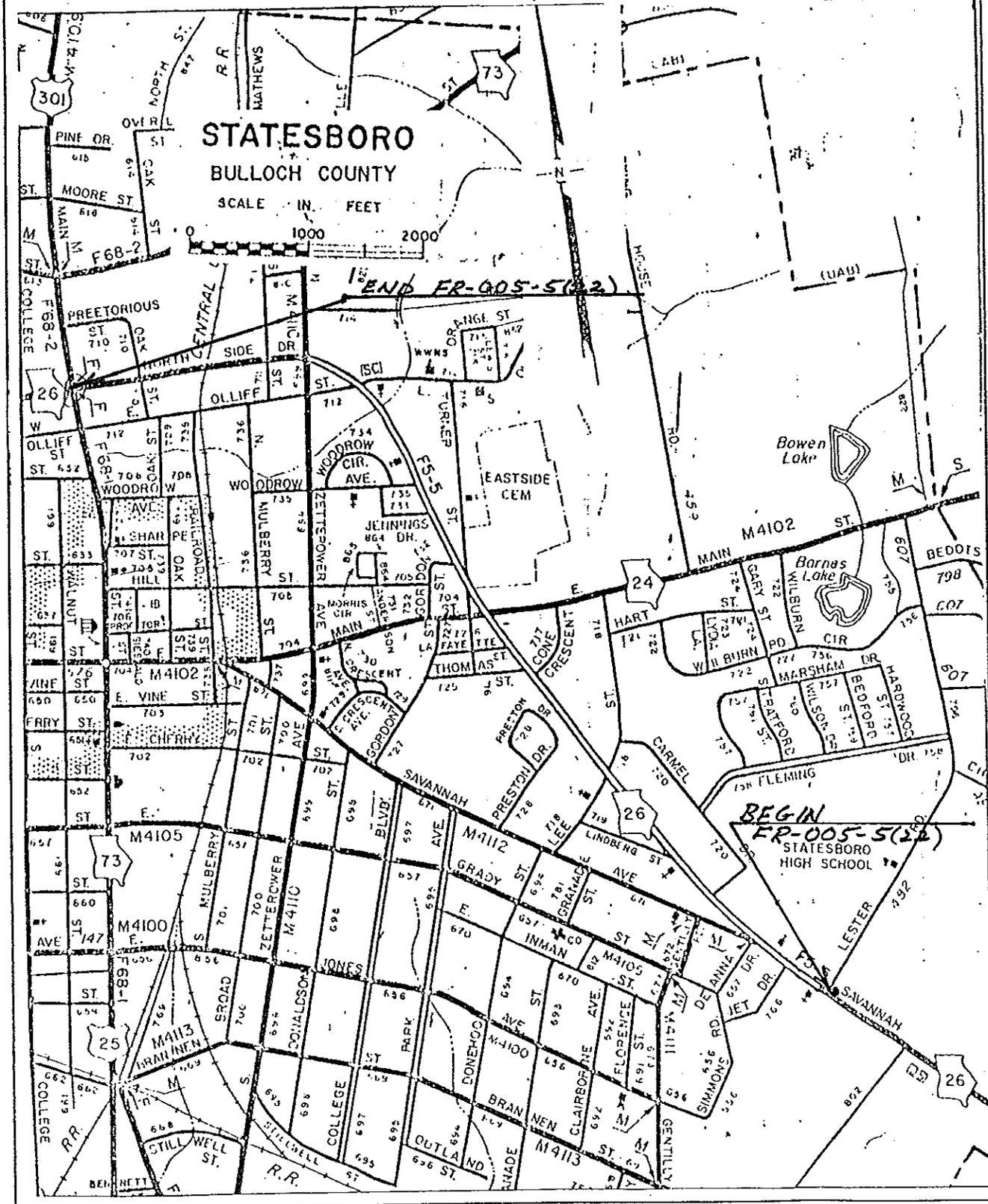
SR 26/US 80  
FR-005-5 (22)  
BULLOCH COUNTY

FEDERAL ROUTE NO: US 80  
STATE ROUTE NO: SR 26  
GADOT P.I. NO: 521970

Date of Report: JUN-12-1991

| RECOMMENDATION FOR APPROVAL  |   |
|------------------------------|---|
| <u>July 15, 1991</u><br>DATE | <u>Walker Woods</u><br>State Road & Airport Design Engineer |
| _____<br>DATE                | _____<br>State Environmental Engineer                       |
| _____<br>DATE                | _____<br>State Traffic & Safety Engineer                    |
| _____<br>DATE                | _____<br>District Engineer                                  |

PROJECT MAP - Project No. : FR-005-5(22)



PROJECT CONCEPT REPORT

PROJECT NUMBER: FR-005-5(22)

PROJECT LOCATION & DESCRIPTION

PROJECT DESCRIPTION: FR-005-5(22) BEGINS AT LESTER ROAD AND CONTINUES NORTH ALONG SR 26/US 80, FOR 1.5 MILES TO ZETTEROWER AVENUE IN BULLOCH COUNTY. THE PROPOSED TYPICAL SECTION FOR SR 26 IS URBAN SECTION WITH TWO LANES IN EACH DIRECTION SEPARATED BY A 14 FOOT FLUSH MEDAIN.

PROJECT LENGTH: 1.500 MILES

TRAFFIC

| CURRENT     |              | PROJECTED   |              |
|-------------|--------------|-------------|--------------|
| YEAR        | AADT         | YEAR        | AADT         |
| <u>1996</u> | <u>23600</u> | <u>2016</u> | <u>37800</u> |

PDP CLASSIFICATION

FUNCTIONAL CLASSIFICATION

MAJOR

URBAN FAP CONNECTING LINK

PROJECT NEED & PURPOSE

THE PROPOSED SR 26 PROJECT IS RCOMMENDED BY THE STATESBORO AREA TRANSPORTATION PLAN AND IDENTIFIED AS A SHOTR RANGE IMPLEMENTATION PROJECT. THE STATESBORO TRANSPORTATION PLAN WAS DEVELOPED IN A COMPREHENSIVE FEDERAL, STATE, AND LOCAL EFFORT IN 1989/1990.

| EXISTING ROADWAY                                |   |                            |
|---|---|----------------------------|
| TYPICAL SECTION: 2-LANES EACH DIRECTION 4' MED. |   | R/W WIDTH<br><u>100 FT</u> |
| POSTED SPEED<br><u>45 MPH</u>                   | MAX DEGREE OF CURVE<br><u>4.00 DEG.</u> | MAX GRADE<br><u>3.00 %</u> |
| MAJOR STRUCTURES:                               |   |                            |
| 1. 6' X 3' BOX CULVERT                          |   |                            |
| 2.  |   |                            |
| 3.  |   |                            |

| PROPOSED ROADWAY  |   |   |
|---|---|---|
| TYPICAL SECTION: 2-LANES EACH DIRECTION WITH 14' FLUSH MEDAIN |   |   |
| DESIGN SPEED<br><u>45 MPH</u>                                 | MAX DEGREE OF CURVE;<br>ALLOWABLE: <u>9.00 DEG.</u><br>PROPOSED: <u>4.00 DEG.</u> | MAX GRADE;<br>ALLOWABLE: <u>6.00 %</u><br>PROPOSED: <u>2.00 %</u> |
| MAJOR STRUCTURES:   |   |   |

| PROPOSED RIGHT OF WAY             |  |
|-----------------------------------|--|
| R/W WIDTH<br><u>100 FT</u>        | DISPLACEMENTS<br>RES.: <u>    </u> BUS.: <u>    </u> M.H.: <u>    </u> |
| TYPE OF ACCESS CONTROL: BY PERMIT |  |

**COORDINATION**

CONCEPT TEAM MEETING DATE: MAY 2 1991

LOCATION INSPECTION DATE: NONE

PERMITS REQUIRED (4f, COE, 404, etc.): ANTICIPATED

LEVEL OF PUBLIC INVOLVEMENT: PUBLIC HEARING WILL BE HELD

TIME SAVING PROCEDURES APPROPRIATE: NO

OTHER PROJECT IN THE AREA: STATESBORO BYPASS

**MISCELLANEOUS**

TRAFFIC CONTROL DURING CONSTRUCTION: THE PROJECT WILL BE CONSTRUCTED UNDER TRAFFIC

LEVEL OF ENVIRONMENTAL ANALYSIS: EA

DESIGN VARIATIONS REQUIRED: NONE ANTICIPATED

UNDERGROUND STORAGE TANKS: 4 UST SITES WERE IDENTIFIED

HAZARDOUS WASTE SITES: A SOIL SURVEY WILL BE REQUIRED

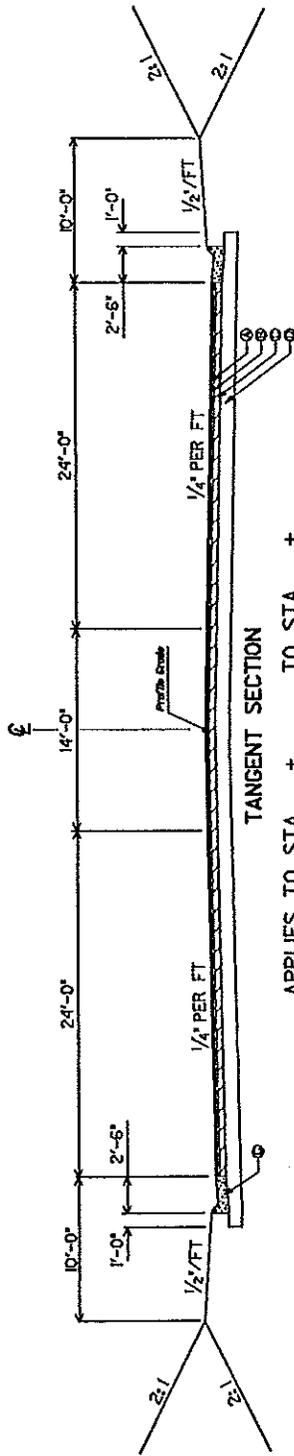
**ALTERNATIVES CONSIDERED**

1. NO BUILD.

NO IMPROVEMENTS WILL BE MADE TO THE EXISTING FACILITY

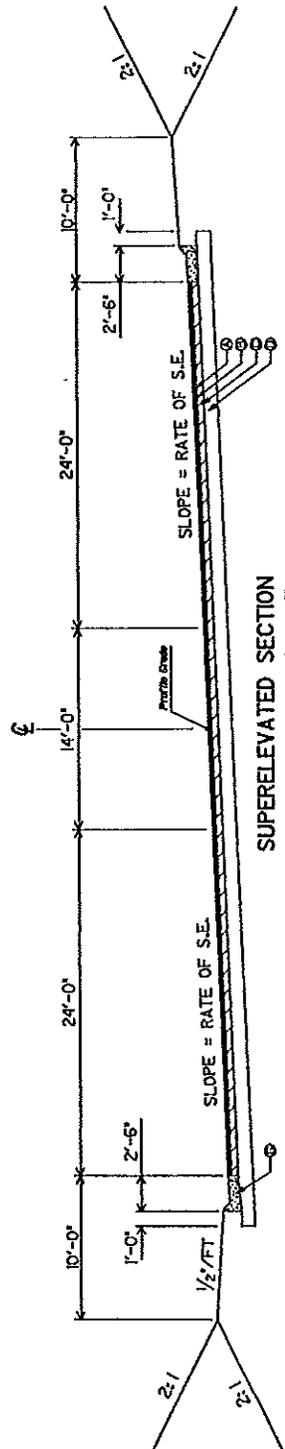
|      |                |      |
|------|----------------|------|
| DATE | PROJECT NUMBER | DATE |
| G.A. |                |      |

APPLIES TO SR26/US 80  
FR-005-5(22) P.I. 521970



TANGENT SECTION

APPLIES TO STA. ---+--- TO STA. ---+---



SUPERELEVATED SECTION

APPLIES TO STA. ---+--- TO STA. ---+---

| ESTIMATED COST                        |    |            |                          |
|---------------------------------------|----|------------|--------------------------|
| CONSTRUCTION:                         | \$ | 702,700    | RIGHT-OF-WAY: \$ 100,000 |
| E & C (10)                            | :  | \$ 70,270  | ACQUIRED BY: D.O.T.      |
| INFLATION                             | :  | \$ 231,891 | UTILITIES : \$ 0         |
|                                       |    |            | ADJUSTED BY: LGPA        |
| TOTAL CONSTRUCTION COST: \$ 1,004,861 |    |            |                          |

COMMENTS: THE CONCEPT TEAM RECOMMENDED THAT THE PROJECT BE EXTENDED NORTH TO US 301. THIS OFFICE CONCURS WITH THE RECOMMENDATION.

ATTACHMENTS:

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: FR-005-5 (22)

COUNTY: BULLOCH

DATE: JUN-12-1991

ESTIMATED LETTING DATE: DEC-31-1993

PREPARED BY: ROBERT H. GEORGE

PROJECT LENGTH (MILES): 1.500

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

PROJECT COST

A. RIGHT-OF-WAY:

|                                       |            |      |                |
|---------------------------------------|------------|------|----------------|
| 1. PROPERTY (land & easement)         | _____      | \$   | 100,000        |
| 2. DISPLACEMENTS: Res.                | Bus.       | M.H. | \$ 0           |
| 3. OTHER COST (adm./court, inflation) | _____      | \$   | 0              |
|                                       | SUBTOTAL:A | \$   | <u>100,000</u> |

B. REIMBURSABLE UTILITIES:

|                       |            |    |          |
|-----------------------|------------|----|----------|
| 1. RAILROAD           | _____      | \$ | 0        |
| 2. TRANSMISSION LINES | _____      | \$ | 0        |
| 3. SERVICES           | _____      | \$ | 0        |
|                       | SUBTOTAL:B | \$ | <u>0</u> |

C. CONSTRUCTION:

1. MAJOR STRUCTURES:

|                    |              |    |              |
|--------------------|--------------|----|--------------|
| a. RETAINING WALLS | _____        | \$ | 0            |
| b. BRIDGES         | _____        | \$ | 0            |
| c. DETOUR BRIDGES  | _____        | \$ | 0            |
| d. BOX CULVERTS    | _____        | \$ | 8,000        |
|                    | SUBTOTAL:C-1 | \$ | <u>8,000</u> |

2. GRADING AND DRAINAGE:

|   |               |                               |
|---|---------------|-------------------------------|
| a. EARTHWORK                                | \$            | <del>150,000</del><br>107,000 |
| b. DRAINAGE:                                |               |                               |
| 1) Cross Drain Pipe (exc. box culverts)     | \$            | 20,000                        |
| 2) Curb and Gutter                          | \$            | 111,000                       |
| 3) Longitudinal System (incl. catch basins) | \$            | <del>150,000</del><br>170,000 |
|   | SUBTOTAL: C-2 | \$ <del>291,000</del> 631,000 |

3. BASE AND PAVING:

|                        |               |                 |                    |                   |         |
|------------------------|---------------|-----------------|--------------------|-------------------|---------|
| a. AGGREGATE BASE      | 10 X 4500 TN  | \$              | 45,000             | 56,250            |         |
| (specify type of base) |               |                 |                    |                   |         |
| b. ASPHALT PAVING:     | Surface       | 28.50 X 6200 TN | \$                 | 176,700           | 204,600 |
|                        | Binder        | 27.00 X 1070 TN | \$                 | <del>29,000</del> | 35,310  |
|                        | Base          | 26.75 X 1495 TN | \$                 | 40,000            | 49,335  |
|                        |               | SUBTOTAL: C-3.b | \$                 | 245,700           |         |
| c. CONCRETE PAVING     |               | \$              |                    | 0                 |         |
| d. OTHER               |               | \$              |                    | 0                 |         |
|                        | SUBTOTAL: C-3 | \$              | <del>290,700</del> | 342,495           |         |

4. LUMP ITEMS:

|                          |               |                              |
|--------------------------|---------------|------------------------------|
| a. TRAFFIC CONTROL       | \$            | 50,000                       |
| b. CLEARING AND GRUBBING | \$            | <del>38,000</del> 65,000     |
| c. LANDSCAPING           | \$            | 15,000                       |
| d. EROSION CONTROL       | \$            | 15,000                       |
| e. DETOURS               | \$            | 0                            |
|                          | SUBTOTAL: C-4 | \$ <del>93,000</del> 145,000 |

5. MISCELLANEOUS:

|                                |               |           |
|--------------------------------|---------------|-----------|
| a. LIGHTING                    | \$            | 0         |
| b. SIGNING - STRIPING - SIGNAL | \$            | 20,000    |
| c. GUARDRAIL                   | \$            | 0         |
| d. SIDEWALK - MEDIAN BARRIER   | \$            | 0         |
|                                | SUBTOTAL: C-5 | \$ 20,000 |

|                     |               |    |   |
|---------------------|---------------|----|---|
| 6. SPECIAL FEATURES | SUBTOTAL: C-6 | \$ | 0 |
|---------------------|---------------|----|---|

D.O.T. 66

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE FR-005-5(22) Bulloch County OFFICE Atlanta  
P.I. No. 521970 DATE May 9, 1991

FROM Walker W. Scott, P.E., State Road & Airport Design Engineer R.H.

TO DISTRIBUTION

SUBJECT Minutes of Concept Meeting

A concept team meeting was held on May 2, 1991 in Road Design's Conference Room.

Project FR-005-5(22) begins at Lester Road and continues north along SR 26/US 80, for 1.6 miles to Zetterower Avenue in Bulloch County. The proposed typical section for SR 26 is an urban section with two (2) lanes in each direction separated by a 14 foot flush median.

The team members consisted of: Juan Durrence, Walker Scott, Mayor David Hal Averih, John Newton, Carter Crawford, Roland Hinners, Floyd Moore, Wayne Hutto, Lesa Walker, Glenn Durrence, Louis Owen, John Lord, Keith Golden, Frank Golder, Ron Sappenfield, Robert George, and John Bishop.

The following information was reported by team members:

Planning: A need and purpose statement was furnished.

Location: It was reported that the mapping and field surveys will be furnished in accordance with the project schedule.

Environmental: It was reported that there are two (2) possible historic houses and historic district off SR 24 (Main Street). Possible wetlands were reported at Mill Creek. Lesa Walker received 4 sets of concept plans for her use in preparing the environmental document.

District Office: The District Office will be working on utility conflicts and UST investigation.

Right of Way: A right of way cost estimate is forth coming.

The concept team agreed to extend the limits of the project to US 301. Mapping will be furnished to include this extension.

WWS:JPB:bc

DISTRIBUTION

Juan Durrence

Walker Scott

Mayor David Hal Averih, w/att

John Newson, w/att

Carter Crawford, w/att

Roland Hinners

Floyd Moore

Wayne Hutto

Lesa Walker

Glenn Durrence

Louis Owen

John Lord

Keith Golden

Frank Golder