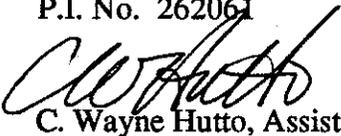


**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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**INTERDEPARTMENT CORRESPONDENCE**

**FILE** EDS-441(18) Wheeler/Dodge/Laurens Counties      **OFFICE** Preconstruction  
P.I. No. 262061  
**DATE** January 3, 1995

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

**TO** SEE DISTRIBUTION

**SUBJECT** PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

CWH/se

Attachment

**DISTRIBUTION:**

John Lively  
Bob Mustin  
David Studstill  
Herman Griffin  
Toni Dunagan  
James Kennerly  
Darrell Elwell  
Marion Waters  
Paul Liles  
Charles Norris

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE EDS-441(18) Wheeler/Dodge/Laurens Counties OFFICE Preconstruction  
P.I. No. 262061 DATE December 16, 1994

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

TO Wayne Shackelford, Commissioner

SUBJECT PROJECT CONCEPT REPORT

This project is the widening and reconstruction of US 441 & 319/SR 31 from CR 31 in Wheeler County extending through Dodge County and end just north of SR 46 in Laurens County for a total of 18.5 km. The existing roadway consists of 2-3.6 m lanes with 2.1 m rural shoulders on 30.5 m of existing right-of-way. The existing major structure is a 97.2 m x 10.5 m bridge over Alligator Creek with a sufficiency rating of 86.5. The base year traffic (1997) is 4300 VPD and the design year traffic (2017) is 7800 VPD. The posted speed is 90 km/h and the design speed is 90 km/h.

The proposed typical section will provide 4-3.6 m lanes with a 13.4 m depressed grassed median for the entire project length. The proposed right-of-way varies from 64.0 m to 76.2 m. The existing bridge structure at Alligator Creek will be widened to 12.5 m and a 12.5 m wide parallel structure will be constructed to accommodate the new lanes. The roadway will remain open to traffic during construction.

Environmental concerns include requiring a COE 404 permit; 6.9 hectares of hydric soil impacted; an Environmental Assessment will be prepared; 15 displacements - 10 residences, 3 businesses and 2 mobile homes; a public hearing is required; time saving procedures are not appropriate.

The estimated costs for this project are:

|                  | <u>PROPOSED</u> | <u>APPROVED</u> | <u>PROG. DATE</u> |
|------------------|-----------------|-----------------|-------------------|
| Constr(Infl&E/C) | \$18,006,000    | \$11,400,000    | 1998              |
| Rights-of-way    | \$3,512,000     | \$1,954,000     | 98-02             |
| Utilities*       | ---             | ---             |                   |

\*LGPA sent 6-3-92 requesting Wheeler and Laurens Counties be responsible for utility relocations.

Wayne Shackelford  
Page 2  
December 16, 1994

EDS-441(18) Wheeler/Dodge/Laurens Counties

This project is part of the Governors Road Improvement Program. I recommend this project concept be approved.

HJL/JDQ/se

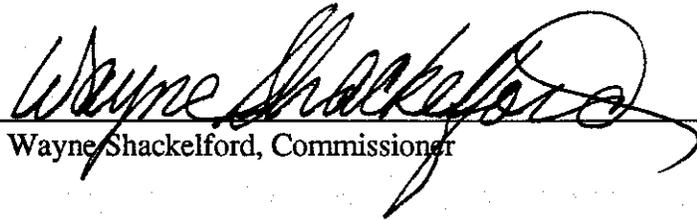
Attachment

CONCUR:



Frank Danchetz, P.E., Chief Engineer

APPROVED:



Wayne Shackelford, Commissioner

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

RECEIVED  
NOV 08 1994  
PRECONSTRUCTION

INTERDEPARTMENT CORRESPONDENCE

FILE EDS-441(18) WHEELER-DODGE-LAURENS OFFICE Atlanta, Georgia  
P. I. No. 262061 DATE NOVEMBER 8, 1994

FROM Bob Mustin, P.E., Project Review Engineer *DTM*

TO C. Wayne Hutto, Assistant Director of Preconstruction

SUBJECT **PROJECT CONCEPT REPORT**

The attached concept report has been reviewed and is considered satisfactory.

The estimated costs for this project are as follows:

|                        |    |            |
|------------------------|----|------------|
| Construction           | \$ | 14,847,000 |
| Inflation              | \$ | 1,674,000  |
| E & C                  | \$ | 1,485,000  |
| Right of Way           | \$ | 3,512,000  |
| Reinurseable Utilities | \$ | 0          |

DTM

Attachments

c: David Studstill

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE EDS 441(18), Wheeler/Dodge/Laurens Counties OFFICE Environment/Location  
P.I. Nos. 262061

DATE October 25, 1994

*David E. Studstill SAM*

FROM David E. Studstill, P.E., State Environmental/Location Engineer

TO Bob Mustin, Project Review Engineer

SUBJECT **Concept Report - S.R. 31 Improvements in Wheeler/Dodge/Laurens Counties**

In accordance with the Plan Development Process, the concept report for the above project is attached for your review and processing.

DES/FRM

Attachment

- cc: C. Wayne Hutto
- Jim Kennerly
- Marion Waters
- Paul Liles
- Craig Brack/Jesup District
- Charles Norris/Tennille District



DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
OFFICE OF ENVIRONMENT/LOCATION

# PROJECT CONCEPT REPORT

## EDS 441(18) WHEELER/DODGE/LAURENS COUNTIES P.I. NO. 262061

Federal Route No.: F 42-1

Date of Report: October 13, 1994

State Route No.: 31

Prepared By: Fred Matheny

### RECOMMENDATION FOR APPROVAL

10/20/94  
Date

  
State Environmental/Location Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
State Road & Airport Design Engineer

\_\_\_\_\_  
Date

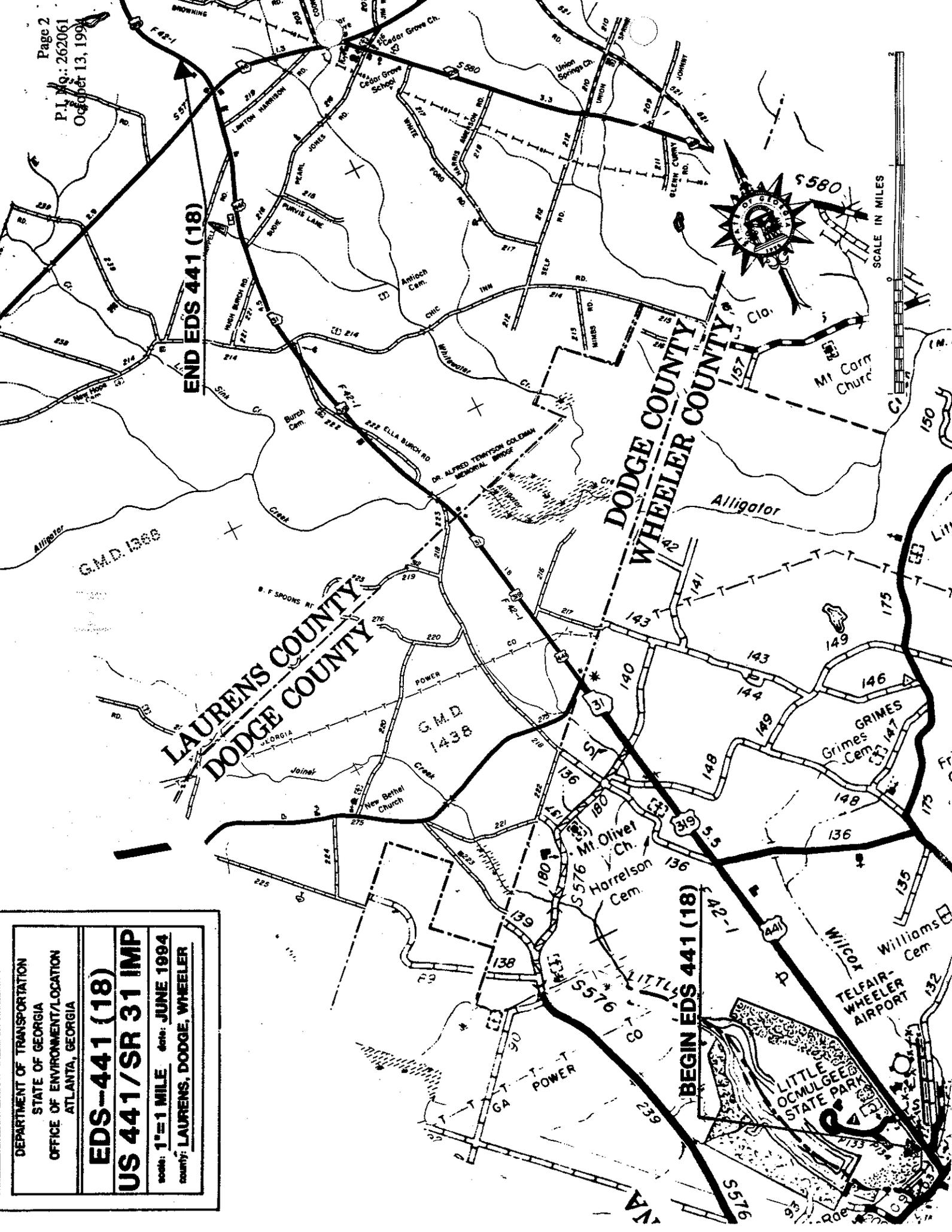
\_\_\_\_\_  
State Traffic Operations Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
District Engineer, Jesup / Tennille

\_\_\_\_\_  
Date

\_\_\_\_\_  
State Bridge & Structural Engineer



|                                  |
|----------------------------------|
| DEPARTMENT OF TRANSPORTATION     |
| STATE OF GEORGIA                 |
| OFFICE OF ENVIRONMENT/LOCATION   |
| ATLANTA, GEORGIA                 |
| <b>EDS-441 (18)</b>              |
| <b>US 441/SR 31 IMP</b>          |
| scale: 1"=1 MILE date: JUNE 1994 |
| county: LAURENS, DODGE, WHEELER  |

**PROJECT NUMBER:** EDS 441(18)

**PROJECT LOCATION AND DESCRIPTION**

THE PROJECT IS TO WIDEN SR 31 FROM CR 132 IN WHEELER COUNTY JUST NORTH OF MCRAE, THROUGH A SECTION OF DODGE COUNTY, TO JUST NORTH OF SR 46 IN LAURENS COUNTY. THE PROJECT LENGTH IS 18.5 km .

THE PROPOSED CONCEPT IS TO IMPROVE SR 31 FROM THE EXISTING TWO LANES TO FOUR LANES WITH A 13.6 m DEPRESSED GRASSED MEDIAN.

SEE ATTACHED TEAM MEETING MINUTES FOR A DETAILED DESCRIPTION OF THE PROJECT.

**TRAFFIC**

**CURRENT**

**PROJECTED**

| <b>YEAR</b> | <b>AADT</b> | <b>YEAR</b> | <b>AADT</b> |
|-------------|-------------|-------------|-------------|
| 1997        | 4300        | 2017        | 7800        |

**PDP CLASSIFICATION**

**FUNCTIONAL CLASSIFICATION**

MAJOR WIDENING

RURAL ARTERIAL

NON-CA ( )

CA ( )

EXEMPT ( )

**(X) N/A FOR GRIP PROJECTS**

**NEED AND PURPOSE**

THE PROPOSED PROJECT IS PART OF THE GOVERNOR'S ROAD IMPROVEMENT PROGRAM (GRIP) THAT HAS BEEN PROPOSED TO SPUR ECONOMIC GROWTH THROUGHOUT THE STATE. IN ADDITION TO THE ECONOMIC GROWTH, THE PROPOSED IMPROVEMENTS WILL PROVIDE A SAFER AND MORE EFFICIENT HIGHWAY. SUBSTANDARD VERTICAL AND HORIZONTAL ALIGNMENT WILL BE IMPROVED TO CURRENT AASHTO STANDARDS.

**EXISTING ROADWAY**

|                         |                                     |                                  |
|-------------------------|-------------------------------------|----------------------------------|
| <b>TYPICAL SECTION:</b> | 2- 3.6 m LANES W/ 2.1 m SHLDS RURAL | <b>R/W WIDTH</b><br>30.5 m RURAL |
| <b>POSTED SPEED</b>     | <b>MAXIMUM RADIUS OF CURVE</b>      | <b>MAX GRADE</b>                 |
| 89 kph RURAL            | 698.6 m                             | 6.0%                             |

**MAJOR STRUCTURES**

| FEATURES INTERSECTED/TYPE | LENGTH | WIDTH  | PRIORITY RATING | SUFF. RATING |
|---------------------------|--------|--------|-----------------|--------------|
| ALLIGATOR CREEK / Bridge  | 97.2 m | 10.5 m | 00000           | 86.5         |

**PROPOSED ROADWAY**

|                         |   |         |                  |       |
|-------------------------|---|---------|------------------|-------|
| <b>TYPICAL SECTION:</b> | 4- 3.6 m LANES W/ 13.6 m DEPRESSED-GRASSED MEDIAN RURAL |         |                  |       |
| <b>DESIGN SPEED</b>     | <b>MAXIMUM RADIUS OF CURVE</b>                          |         | <b>MAX GRADE</b> |       |
| 90 kph RURAL            | <b>ALLOWABLE</b>  | 305.0 m | <b>ALLOWABLE</b> | 4.50% |
|                         | <b>PROPOSED</b>   | 698.6 m | <b>PROPOSED</b>  | 4.00% |

**MAJOR STRUCTURES**

| FEATURES INTERSECTED                     | LENGTH | WIDTH  |
|--|--------|--------|
| 1. ALLIGATOR CREEK WIDEN EXISTING BRIDGE | 97.2 m | 3.8 m  |
| 2. ALLIGATOR CREEK ADD PARALLEL BRIDGE   | 97.2 m | 12.6 m |

**PROPOSED RIGHT-OF-WAY**

| RIGHT-OF-WAY WIDTH | DISPLACEMENTS |         |         |
|--------------------|---------------|---------|---------|
| 64.0 m TO 76.2 m   | RES.: 10      | BUS.: 3 | M.H.: 2 |

**TYPE OF ACCESS CONTROL:** BY DRIVEWAY PERMIT

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**COORDINATION**

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**CONCEPT TEAM MEETING DATE:** MAY 26, 1994

**LOCATION INSPECTION DATE:** NONE SCHEDULED

**PERMITS REQUIRED:** \* C.O.E. 404 (APPROX. 6.9 HECTARES HYDRIC SOILS IMPACTED)

**LEVEL OF PUBLIC INVOLVEMENT:** PUBLIC HEARING TO BE SCHEDULED

**TIME SAVING PROCEDURES APPROPRIATE:** NO

**OTHER PROJECTS IN THE AREA:** EDS 441(13), WHEELER COUNTY  
EDS 441(19), LAURENS COUNTY

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**MISCELLANEOUS**

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**TRAFFIC CONTROL DURING CONSTRUCTION:** MAINTAINED BY STAGED CONSTRUCTION AND  
DETOURS AS NECESSARY

**LEVEL OF ENVIRONMENTAL ANALYSIS:** ENVIRONMENTAL ASSESSMENT

**UNDERGROUND STORAGE TANKS:** NONE KNOWN OF AT THIS TIME. INVESTIGATION  
REQUESTED

**HAZARDOUS WASTE SITES:** NONE KNOWN OF AT THIS TIME.  
INVESTIGATION REQUESTED

**DESIGN VARIATIONS REQUESTED:**

|                                    | YES | NO    | UNDETERMINED |
|------------------------------------|-----|-------|--------------|
| SUBST HORIZ ALIGNMENT              | ( ) | ( X ) | ( )          |
| SUBST ROADWAY WIDTH                | ( ) | ( X ) | ( )          |
| SUBST SHOULDER WIDTH               | ( ) | ( X ) | ( )          |
| SUBST VERTICAL GRADES              | ( ) | ( X ) | ( )          |
| SUBST CROSS SLOPES                 | ( ) | ( X ) | ( )          |
| SUBST STOPPING SIGHT DIST          | ( ) | ( X ) | ( )          |
| SUBST SUPER-ELEVATION RATES        | ( ) | ( X ) | ( )          |
| SUBST HORIZONTAL CLEARANCE         | ( ) | ( X ) | ( )          |
| SUBST SPEED DESIGN                 | ( ) | ( X ) | ( )          |
| SUBST VERTICAL CLEARANCE           | ( ) | ( X ) | ( )          |
| SUBST BRIDGE WIDTH                 | ( ) | ( X ) | ( )          |
| SUBST BRIDGE STRUCTURE<br>CAPACITY | ( ) | ( X ) | ( )          |

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**ALTERNATIVES CONSIDERED**

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**1. NO BUILD**

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**ESTIMATED COST**

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|                               |                     |                      |                  |
|-------------------------------|---------------------|----------------------|------------------|
| <b>CONSTRUCTION:</b>          | \$ 14,847,000       | <b>RIGHT-OF-WAY:</b> | \$ 3,512,000     |
| <b>E &amp; C ( 10%):</b>      | \$ 1,485,000        | <b>ACQUIRED BY:</b>  | D.O.T.           |
| <b>INFLATION:</b>             | <u>\$ 1,674,000</u> | <b>UTILITIES:</b>    | \$ 117,000       |
| <b>( 2 yrs at 5% per yr):</b> |                     | <b>ADJUSTED BY:</b>  | LGPA ANTICIPATED |
| <b>TOTAL CONST COST:</b>      | \$ 18,006,000       |                      |                  |

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**COMMENTS**

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1) THE EXISTING R/W AT CR 214(CHIC INN ROAD), ON THE EAST SIDE, NEEDS TO BE MAINTAINED WHERE THE HISTORIC BOUNDARY IS SHOWN. THE ALIGNMENT MAY NEED TO BE SHIFTED IF DESIGN FINDS IT NECESSARY TO STAY OFF THE HISTORICAL BOUNDARY . .

2) 42% OF THE EXISTING ROADWAY REQUIRES RECONSTRUCTION BECAUSE OF SUBSTANDARD ALIGNMENT.

\*3) 404-B(1) GUIDELINES COORDINATION WITH THE FEDERAL RESOURCE AGENCIES HAS NOT BEEN DONE AND THERE MAY BE SOME SHIFTS. THE APPLICATION FOR THE 404 PERMIT NEEDS TO BE SUBMITTED ALONG WITH EDS 441(19) AND EDS 441(20) TO ACCOMMODATE LOGICAL TERMINI REQUIREMENTS BY THE CORPS OF ENGINEERS.

4) ONE ENVIRONMENTAL DOCUMENT WILL INCLUDE PROJECTS EDS 441(18), EDS 441(19), AND EDS 441(20).

**ATTACHMENTS: COST ESTIMATE, TYPICAL SECTIONS, TEAM MEETING MINUTES**

ESTIMATE SUMMARY

SECTION I AND II  
PROJECT LENGTH 11.5 MILES

EDS 441(18) SR 31 IMPROVEMENTS WHEELER/DODGE/LAURENS COUNTIES

|                           |                     |
|---------------------------|---------------------|
| A. RIGHT OF WAY           | \$ <u>3,512,000</u> |
| B. REIMBURSABLE UTILITIES | \$ <u>117,000</u>   |

CONSTRUCTION COST SUMMARY

|                         |                     |
|-------------------------|---------------------|
| C. MAJOR STRUCTURES     | \$ <u>860,000</u>   |
| D. GRADING AND DRAINAGE | \$ <u>2,347,000</u> |
| E. BASE AND PAVING      | \$ <u>6,263,000</u> |
| F. LUMP ITEMS           | \$ <u>2,355,000</u> |
| G. MISCELLANEOUS        | \$ <u>1,432,000</u> |
| H. SPECIAL FEATURES     | \$ <u>1,590,000</u> |

|                            |                      |                       |
|----------------------------|----------------------|-----------------------|
| SUBTOTAL CONSTRUCTION COST | \$ <u>14,847,000</u> |                       |
| E & C (10%)                | \$ <u>1,485,000</u>  |                       |
| INFLATION (5% PER YEAR)    | \$ <u>1,674,000</u>  | (2 YEARS)             |
| TOTAL CONSTRUCTION COST    | \$ <u>18,006,000</u> | \$ 1,566,000 per mile |

**GRAND TOTAL PROJECT COST** \$ 21,518,000

PRELIMINARY COST ESTIMATE

OFFICE OF ENVIRONMENT/LOCATION

P.I. NO: 262061

DATE: 06-23-1994

PROJECT NO: EDS 441 (18)

PROJECT NAME: SR 31 IMPROVEMENT

COUNTY: WHEELER/DODGE/LAURENS

PROJECT DESCRIPTION: SECTION I OF II OF PROJECT ALONG SR 31 FROM CR 132 NORTH OF MCRAE IN WHEELER COUNTY THROUGH DODGE COUNTY TO JUST NORTH OF SR 46 IN LAURENS COUNTY.

PROJECT LENGTH: 11.500 MILES

SECTION LENGTH: 6.780 MILES

TYPICAL SECTION:

RURAL WIDENING-2 TO 4 LANES WITH 44' DIV MEDIAN (48' PAV'T)

Minimum R/W = 210 ft

EXISTING ROADWAY (If Applicable): SR 31

TRAFFIC:

INITIAL DESIGN YEAR: 1997

DAILY VOLUME (AADT): 4,300

FINAL DESIGN YEAR: 2017

DAILY VOLUME (AADT): 7,800

FEASIBILITY STUDY  PRE-PROGRAMMING PROCESS  PROGRAMMING PROCESS

COMMENTS: SECTION I ADD 2 LANES WITH EXISTING 2 LANES WITH 44' MEDIAN 6.8 MILES SECTION II 4 LANES WITH 44' MEDIAN FOR 4.7 MILES R/W COST FOR TOTAL PROJECT LENGTH 11.5 MILES

PREPARED BY: STEVE STEPHENS

PROJECT COSTS

|  |                 |              |
|--|-----------------|--------------|
| <b>A. RIGHT-OF-WAY</b>   |                 |              |
| 1. PROPERTY (Land and Easements)   |                 | \$ 669,000   |
| 2. DISPLACEMENTS   |                 | \$ 1,533,000 |
| 3. OTHER COST  |                 | \$ 1,310,000 |
|  | <b>SUBTOTAL</b> | \$ 3,512,000 |
| <b>B. REIMBURSABLE UTILITIES</b>   |                 |              |
| 1. RAILROAD  |                 | \$ 0         |
| 2. TRANSMISSION LINES  |                 | \$ 0         |
| 3. SERVICES  |                 | \$ 0         |
|  | <b>SUBTOTAL</b> | \$ 0         |
| <b>C. MAJOR STRUCTURES</b>   |                 |              |
| 1. WALLS   |                 | \$ 0         |
| 0  |                 |              |
| 2. BRIDGE STREAM CROSSING  |                 | \$ 860,000   |
| ALLIGATOR CREEK  |                 |              |
| 3. BRIDGE OVER/UNDERPASS   |                 | \$ 0         |
| 0  |                 |              |
| 4. BOX CULVERTS  |                 | \$ 0         |
| 0  |                 |              |
|  | <b>SUBTOTAL</b> | \$ 860,000   |
| <b>D. GRADING AND DRAINAGE</b>   |                 |              |
| <b>1. EARTHWORK</b>  |                 |              |
| a. UNCLASSIFIED EXCAVATION SOIL  |                 | \$ 340,000   |
| 133,300 CY @ \$2.55  |                 |              |
| b. UNCLASSIFIED EXCAVATION ROCK  |                 | \$ 0         |
| 0 CY @ \$4.00  |                 |              |
| c. BORROW EXCAVATION   |                 | \$ 0         |
| 0 CY @ \$3.00  |                 |              |
| <b>2. DRAINAGE</b>   |                 |              |
| a. MINDR DRAINAGE (INCLUDING CROSS DRAIN PIPES &<br>LONGITUDINAL SYSTEM) |                 | \$ 271,000   |
| 6.780 MILES @ \$39,960   |                 |              |
| b. CURB AND GUTTER   |                 | \$ 0         |
| 0 LF @ \$7.74  |                 |              |
|  | <b>SUBTOTAL</b> | \$ 611,000   |

# PROJECT COSTS

con't.

## E. BASE AND PAVING

|                              |    |           |
|------------------------------|----|-----------|
| 1. GRADED AGGREGATE BASE     | \$ | 843,000   |
| 10.00" -- 74,461 T @ \$11.32 |    |           |
| <hr/>                        |    |           |
| 2. ASPHALT PAVING            |    |           |
| a. ASPHALTIC CONCRETE "E"    | \$ | 741,000   |
| 1.50" -- 24,701 T @ \$30.01  |    |           |
| b. ASPHALTIC CONCRETE "B"    | \$ | 960,000   |
| 2.00" -- 32,935 T @ \$29.15  |    |           |
| c. ASPHALTIC CONCRETE BASE   | \$ | 460,000   |
| 3.00" -- 16,467 T @ \$27.96  |    |           |
| d. BITUMINOUS TACK COAT      | \$ | 13,000    |
| 16,632 G @ \$0.81            |    |           |
| <hr/>                        |    |           |
| 3. CONCRETE PAVING           | \$ | 0         |
| <hr/>                        |    |           |
| 4. OTHER PAVING              | \$ | 302,000   |
| <hr/>                        |    |           |
| SUBTOTAL                     | \$ | 3,319,000 |

## F. LUMP ITEMS

|                                  |    |           |
|----------------------------------|----|-----------|
| 1. TRAFFIC CONTROL               | \$ | 109,000   |
| <hr/>                            |    |           |
| 2. CLEARING AND GRUBBING         | \$ | 811,000   |
| 173 ACRES @ \$4,700              |    |           |
| <hr/>                            |    |           |
| 3. LANDSCAPING                   | \$ | 122,000   |
| 6.780 MILES @ \$18,000           |    |           |
| <hr/>                            |    |           |
| 4. EROSION CONTROL               | \$ | 163,000   |
| 6.780 MILES @ \$24,000           |    |           |
| <hr/>                            |    |           |
| 5. DETOURS (INCL. TEMP. BRIDGES) | \$ | 0         |
| <hr/>                            |    |           |
| SUBTOTAL                         | \$ | 1,205,000 |

## G. MISCELLANEOUS

|                                       |    |         |
|---------------------------------------|----|---------|
| 1. SIGNING/STRIPING                   | \$ | 203,000 |
| 6.780 MILES @ \$30,000                |    |         |
| <hr/>                                 |    |         |
| 2. GUARDRAIL                          | \$ | 0       |
| 0 LF @ \$10.84 + 0 Anchors @ \$843.93 |    |         |
| <hr/>                                 |    |         |
| 3. OTHER                              | \$ | 238,000 |
| 6.780 MILES @ \$35,100                |    |         |
| <hr/>                                 |    |         |
| SUBTOTAL                              | \$ | 441,000 |

## H. SPECIAL FEATURES

|                            |    |         |
|----------------------------|----|---------|
| 5 COUNTY ROAD REALIGNMENTS | \$ | 650,000 |
| <hr/>                      |    |         |

ESTIMATE SUMMARY

|                                |              | SECTION COST<br>(per mile) |
|--------------------------------|--------------|----------------------------|
| A. RIGHT-OF-WAY.....           | \$ 3,512,000 | \$ 518,000                 |
| B. REIMBURSABLE UTILITIES..... | \$ 0         | \$ 0                       |

CONSTRUCTION COST SUMMARY

|                                   |              |              |
|-----------------------------------|--------------|--------------|
| C. MAJOR STRUCTURES.....          | \$ 860,000   |              |
| D. GRADING AND DRAINAGE.....      | \$ 611,000   |              |
| E. BASE AND PAVING.....           | \$ 3,319,000 |              |
| F. LUMP ITEMS.....                | \$ 1,205,000 |              |
| G. MISCELLANEOUS.....             | \$ 441,000   |              |
| H. SPECIAL FEATURES.....          | \$ 650,000   |              |
|                                   |              |              |
| SUBTOTAL CONSTRUCTION COST.....   | \$ 7,086,000 | \$ 1,045,000 |
| E. & C. (10%).....                | \$ 709,000   |              |
| INFLATION...2 yr(s) @ 5% per year | \$ 799,000   |              |
|                                   |              |              |
| TOTAL CONSTRUCTION COST.....      | \$ 8,594,000 | \$ 1,268,000 |

GRAND TOTAL CONSTRUCTION COST \$ 12,106,000 \$ 1,786,000

RURAL WIDENING-2 TO 4 LANES WITH 44' DIV MEDIAN (48' PAV'T)

PRELIMINARY COST ESTIMATE

OFFICE OF ENVIRONMENT/LOCATION

P.I. NO: 262061

DATE: 07-13-1994

PROJECT NO: EDS 441(18)

PROJECT NAME: SR 31 IMPROVEMENTS

COUNTY: WHEELER/DODGE/LAURENS

PROJECT DESCRIPTION: SECTION II OF II OF PROJECT ALONG SR 31 FROM CR 132 NORTH OF MCRAE IN WHEELER COUNTY THROUGH DODGE COUNTY TO JUST NORTH OF SR 46 IN LAURENS COUNTY.

PROJECT LENGTH: 11.500 MILES

SECTION LENGTH: 4.720 MILES

TYPICAL SECTION:

RURAL NEW LOCATION-4-LANES WITH 44' DIV MEDIAN (48' PAV'T)

Minimum R/W = 250 ft

EXISTING ROADWAY (If Applicable): SR 31

TRAFFIC:

INITIAL DESIGN YEAR: 1997

DAILY VOLUME (AADT): 4,300

FINAL DESIGN YEAR: 2017

DAILY VOLUME (AADT): 7,800

FEASIBILITY STUDY    PRE-PROGRAMMING PROCESS    PROGRAMMING PROCESS

COMMENTS: 1) SECTION I ADDS 2 LN W/44' MEDIAN TO EXIST 2 LN FOR 6.8 MILES.

2) SECTION II IS 4 LN W/44' MEDIAN FOR 4.7 MILES 3) R/W COST INCLUDED IN SECTION I

PREPARED BY: FRED MATHENY

PROJECT COSTS

A. RIGHT-OF-WAY

|                                  |          |   |
|----------------------------------|----------|---|
| 1. PROPERTY (Land and Easements) | \$ _____ | 0 |
| 2. DISPLACEMENTS                 | \$ _____ | 0 |
| 3. OTHER COST                    | \$ _____ | 0 |

SUBTOTAL \$ \_\_\_\_\_ 0

B. REIMBURSABLE UTILITIES

|                       |          |   |
|-----------------------|----------|---|
| 1. RAILROAD           | \$ _____ | 0 |
| 2. TRANSMISSION LINES | \$ _____ | 0 |
| 3. SERVICES           | \$ _____ | 0 |

SUBTOTAL \$ \_\_\_\_\_ 0

C. MAJOR STRUCTURES

|          |          |   |
|----------|----------|---|
| 1. WALLS | \$ _____ | 0 |
|----------|----------|---|

---

|                           |          |   |
|---------------------------|----------|---|
| 2. BRIDGE STREAM CROSSING | \$ _____ | 0 |
|---------------------------|----------|---|

---

|                          |          |   |
|--------------------------|----------|---|
| 3. BRIDGE OVER/UNDERPASS | \$ _____ | 0 |
|--------------------------|----------|---|

---

|                 |          |   |
|-----------------|----------|---|
| 4. BOX CULVERTS | \$ _____ | 0 |
|-----------------|----------|---|

SUBTOTAL \$ \_\_\_\_\_ 0

D. GRADING AND DRAINAGE

1. EARTHWORK

|                                 |              |
|---------------------------------|--------------|
| a. UNCLASSIFIED EXCAVATION SOIL | \$ 1,349,000 |
| 528,900 CY @ \$2.55             | _____        |

|                                 |          |
|---------------------------------|----------|
| b. UNCLASSIFIED EXCAVATION ROCK | \$ _____ |
| 0 CY @ \$4.00                   | _____    |

|                      |          |
|----------------------|----------|
| c. BORROW EXCAVATION | \$ _____ |
| 0 CY @ \$3.00        | _____    |

2. DRAINAGE

|  |            |
|--|------------|
| a. MINOR DRAINAGE (INCLUDING CROSS DRAIN PIPES &<br>LONGITUDINAL SYSTEM) | \$ 387,000 |
| 4.720 MILES @ \$82,080   | _____      |

|                    |          |
|--------------------|----------|
| b. CURB AND GUTTER | \$ _____ |
| 0 LF @ \$7.74      | _____    |

SUBTOTAL \$ 1,736,000



ESTIMATE SUMMARY

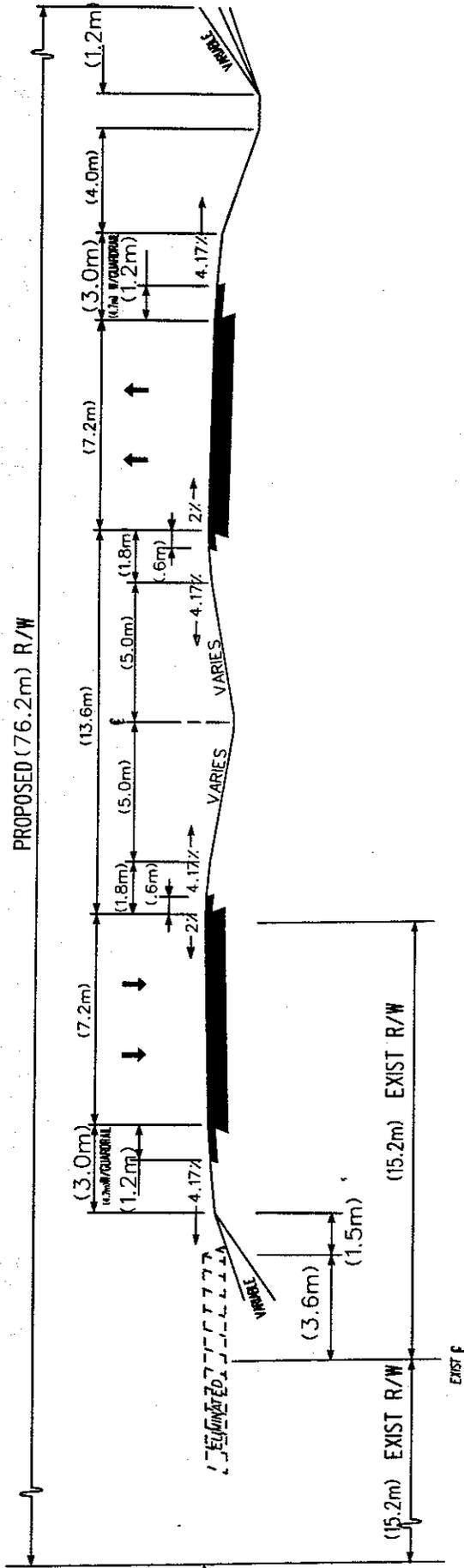
|                                |    |   | SECTION COST<br>(per mile) |
|--------------------------------|----|---|----------------------------|
| A. RIGHT-OF-WAY.....           | \$ | 0 | \$ 0                       |
| B. REIMBURSABLE UTILITIES..... | \$ | 0 | \$ 0                       |

CONSTRUCTION COST SUMMARY

|                                   |    |              |              |
|-----------------------------------|----|--------------|--------------|
| C. MAJOR STRUCTURES.....          | \$ | 0            |              |
| D. GRADING AND DRAINAGE.....      | \$ | 1,736,000    |              |
| E. BASE AND PAVING.....           | \$ | 2,944,000    |              |
| F. LUMP ITEMS.....                | \$ | 1,150,000    |              |
| G. MISCELLANEOUS.....             | \$ | 991,000      |              |
| H. SPECIAL FEATURES.....          | \$ | 940,000      |              |
| SUBTOTAL CONSTRUCTION COST.....   |    | \$ 7,761,000 | \$ 1,644,000 |
| E. & C. (10%).....                |    | \$ 776,000   |              |
| INFLATION...2 yr(s) @ 5% per year |    | \$ 875,000   |              |
| TOTAL CONSTRUCTION COST.....      |    | \$ 9,412,000 | \$ 1,994,000 |

GRAND TOTAL CONSTRUCTION COST \$ 9,412,000 \$ 1,994,000

RURAL NEW LOCATION-4-LANES WITH 44' DIV MEDIAN (48' PAV'T)

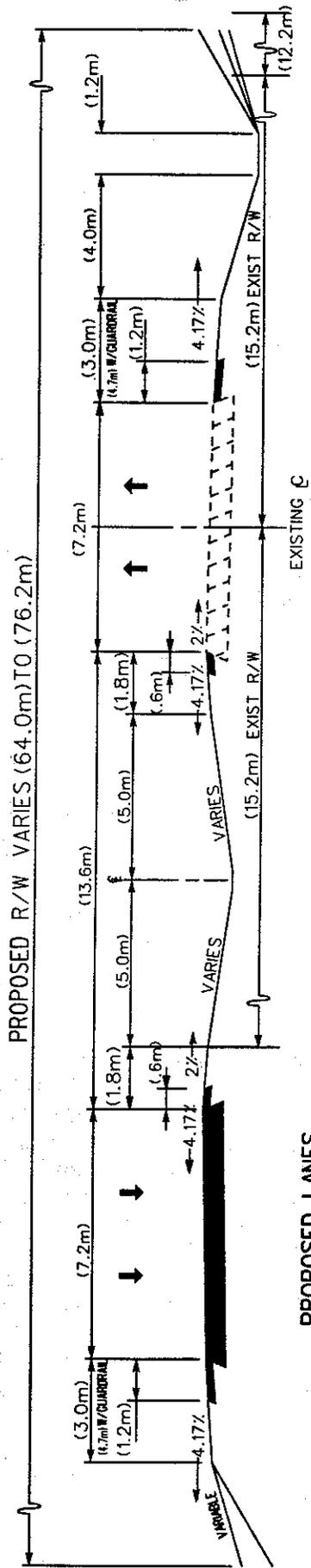


TYPICAL CROSS SECTION  
 SR 31 IMPROVEMENTS  
 SECTION APPLIES TO: CR 148 TO CR 223

CR 220 TO 609.6m SR 46

NOT TO SCALE





TYPICAL CROSS SECTION  
 SR 31 IMPROVEMENTS  
 EDS-441(18) WHEELER/DODGE/LAURENS COUNTIES  
 SECTION APPLIES TO: CR 222 TO CR 220  
 NOT TO SCALE

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE

**FILE** EDS 441(18)  
Wheeler/Dodge/Laurens Counties  
P.I. No. 262061

**OFFICE** Environment/Location  
**DATE** May 31, 1994

**FROM** John D. Quarles, T.E. II

**TO** See Distribution

**SUBJECT:** Concept Team Meeting Minutes - SR 31 Improvements

Date: May 26, 1994  
Time: 1:30 p.m.  
Place: Office of Environment/Location

In Attendance: Utilities; Debbie Chambers, Bell South; Dan Everitt and Haroll Cox, Georgia Power; Terri Tuberville, Oglethorpe Power Corp.; Bob Gardner and Keith Brook, Atlanta Gas Light; Environmental Consultant; Thomas Tkacs, Greenhorne and O'Mara; D.O.T.; David Studstill, Fred Matheny, Johnny Quarles, Lesa Walker, Gail D'Avino, Environment/Location Office; Henry Ashmore, Kimbal Fulbright, Joe Garland, and Adolfo Guzman, Road Design; Del Clippard and Rhonda Cannady, Traffic Operations; Mike Norris, Programming; Clovia Hamilton, Planning; David Mulling, Engineering Services; D.O.T. Tennille District; Mike Schriver and Francis Hussey, Dublin Area office; Phillip Scarborough, UST; D.O.T. Jesup; Frank Sweat, Pre-Construction; Federal Agencies; Young Kim, FHWA; Johnny Bradfield, RDC-Eastman.

The proposed concept for EDS 441(18) is to improve S.R. 31 from CR 132 north of McRae in Wheeler County to S.R. 46 in Laurens County, a total of 11.5 miles/18.5 km. The project was described by Johnny Quarles as the following:

**EDS 441(18)** would consist of a four lane divided section (two 12 foot/3.6 m lanes in each direction of travel separated by a 44 foot/13.6 m grassed median). From C.R. 132, U.S. 441 & 319/S.R. 31 is proposed to be widened on the east side and continue to C.R. 148. From C.R. 148 to C.R. 223, the alignment is proposed to be on new location adjacent to and east of existing U.S. 441 & 319/S.R. 31. The existing roadway within this section would not be utilized because the vertical alignment along this section is substandard. From C.R. 223 the widening of U.S. 441 & 319/S.R. 31 would continue on the east side to C.R. 222/Ella Burch Road. The proposed widening then shifts to the west side and continues on the west side until reaching C.R. 220/Clearance Chappel Road. From C.R. 220 to 0.5 mile/0.8 km past S.R. 46, the proposed alignment would be on new location adjacent to and east of existing U.S. 441 & 319/S.R. 31.

A parallel bridge is proposed to be constructed to carry the new lanes over Alligator Creek and the existing bridge would be widened to 38 feet/12.6 m in width.

The following comments were made.

**Local Officials:** No Comments

**Road Design Office:** No Comments

**Environmental:** It was asked what type of Environmental Document would there be. Lesa Walker said that an EA (Environmental Assessment) was anticipated. Lesa Walker also indicated that the firm of Greenhorne & O'Mara, Inc. has been hired to conduct the environmental studies.

**Federal Resource Agencies:** No Comments

**RDC (Regional Development Center):** Johnny Bradfield (RDC-Eastman) inquired about the let date. It was mentioned that the project let date is February 1998.

**Planning Office:** Furnished a need and purpose statement at the meeting.

**Right Of Way:** No Comments

**D.O.T. Utilities:** No Comments

**Local Utilities:** Bob Gardner of Atlanta Gas Light Co. indicated that a 4" gas line would be impacted at C.R. 186.

**Railroads:** No Comments

**Traffic Operations:** No Comments

**Engineering Services:** David Mulling inquired about the proposed right-of-way widths and the amount of reconstruction required along existing 441. It was stated that the proposed right-of-way would vary from 210 feet/64.0 m to 250 feet/76.2 m. It was also mentioned that the existing bridge at Alligator Creek would be widened to 38 feet/12.6 m in width and a parallel bridge would be constructed to carry the north bound traffic.

**Pre-Construction:** No Comments

**Materials and Research:** No Comments

**Maintenance:** No Comments

**Programming:** Construction let date is 2-98

**EMG (Engineering Management Group):** No Comments

**FHWA:** Young Kim inquired about the wetland mitigation for this project. It was stated that wetland mitigation would be addressed in the environmental document.

DES/JDQ/fm

Distribution: Wayne Hutto  
Ronald Collins/ Attn.: Melvin Collins  
Herman Griffin  
Toni Dunagan  
James Kennerly  
Paul Liles  
Marion Waters  
Bobby Mustin  
Dudley Ellis  
Don Welch  
Larry Seabrook  
Rowe Bowen  
Lesla Walker  
Wink Kirk  
Charles Norris/Tennille District  
Craig Brack/Jesup District

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

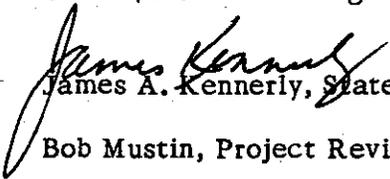
**RECEIVED**  
NOV 14 1994  
**PRECONSTRUCTION**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** EDS-441(18)Wheeler/Dodge/Laurens Cos.  
PI No. 262061  
US 441/SR 31 Widening

**OFFICE** Atlanta

**DATE** November 9, 1994

**FROM**  James A. Kennerly, State Road & Airport Design Engineer ~~ALA~~

**TO** Bob Mustin, Project Review Engineer

**SUBJECT** Concept Report Comments

Attached is a signed cover sheet for the concept on the above project. The concept report has been reviewed and is considered satisfactory subject to the following comments:

1. The functional classification should be rural principal arterial.
2. Since this project is state funded the project designation should be shown as "Not Applicable" instead of "Exempt".
3. Maximum proposed grade should be 4.5%.
4. The concepts for EDS 441(13) Telfair/Wheeler and EDS 441(18) Wheeler/Dodge/Laurens both indicate their limits of construction to include the entrance to Little Ocmulgee State Park. It is recommended that the widening of SR 31 within the limits of the golf course and the entrance of the state park be included on whichever project is let first. This work needs to be closely coordinated with the Department of Natural Resources.

JAK:KDF:hcc

Attachment

cc: Wayne Hutto  
David Studstill

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

RECEIVED

NOV 02 1994

PRECONSTRUCTION

INTERDEPARTMENT CORRESPONDENCE

FILE EDS 441(18) Wheeler/Dodge/Laurens Cos. OFFICE Traffic Operations  
P.I. No. 262061 Atlanta, Georgia

DATE November 1, 1994

FROM *WBR for* Marion G. Waters, III, P.E., State Traffic Operations Engineer

TO Bob Mustin, P.E., Project Review Engineer

SUBJECT Project Concept Report

We have reviewed the concept report on the above project for widening SR 31 from CR 132 in Wheeler County just north of McRae, through a section of Dodge County, to just north of SR 46 in Laurens County.

The existing two lane roadway will be widened to a four lane facility, two 3.6 m lanes in each direction, with a 13.6 m depressed grassed median.

Roadway improvements provide for safety and operational capacity. Approval is recommended.

MGW:LEO

Attachment (signature page)

cc: David Studstill  
Jim Kennerly  
Wayne Hutto, w / Attachment  
General Files -

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
OFFICE OF ENVIRONMENT/LOCATION

# PROJECT CONCEPT REPORT

## EDS 441(18) WHEELER/DODGE/LAURENS COUNTIES P.I. NO. 262061

Federal Route No.: F 42-1

Date of Report: October 13, 1994

State Route No.: 31

Prepared By: Fred Matheny

### RECOMMENDATION FOR APPROVAL

10/20/94  
Date

*[Signature]*  
State Environmental/Location Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
State Road & Airport Design Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
State Traffic Operations Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
District Engineer, Jesup / Tonnille

10/31/94  
Date

*Paul V. Telle Jr.*  
State Bridge & Structural Engineer

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
OFFICE OF ENVIRONMENT/LOCATION

# PROJECT CONCEPT REPORT

## EDS 441(18) WHEELER/DODGE/LAURENS COUNTIES P.I. NO. 262061

Federal Route No.: F 42-1

Date of Report: October 13, 1994

State Route No.: 31

Prepared By: Fred Matheny

### RECOMMENDATION FOR APPROVAL

10/20/94  
Date

*[Signature]*  
State Environmental/Location Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
State Road & Airport Design Engineer

11/1/94  
Date

*M. C. Waters; HZ*  
State Traffic Operations Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
District Engineer, Jesup / Tennille

\_\_\_\_\_  
Date

\_\_\_\_\_  
State Bridge & Structural Engineer

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
OFFICE OF ENVIRONMENT/LOCATION

# PROJECT CONCEPT REPORT

## EDS 441(18) WHEELER/DODGE/LAURENS COUNTIES P.I. NO. 262061

Federal Route No.: F 42-1

Date of Report: October 13, 1994

State Route No.: 31

Prepared By: Fred Matheny

### RECOMMENDATION FOR APPROVAL

10/20/94  
Date

*[Signature]*  
State Environmental/Location Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
State Road & Airport Design Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
State Traffic Operations Engineer

11/17/94  
Date

*Charles W. Morris, Jr.*  
District Engineer, Jesup / Tennille *DSB*

\_\_\_\_\_  
Date

\_\_\_\_\_  
State Bridge & Structural Engineer

MONTH May, 1990

*Pd Des*

REVISION REQUEST  
FOR THE  
CONSTRUCTION WORK PROGRAM

IN ACCORDANCE WITH THE BOARD RESOLUTION DATED AUGUST 16, 1973,  
BOARD APPROVAL IS REQUESTED TO REVISE THE CONSTRUCTION WORK PROGRAM  
FOR THE PROJECT AND ACTIVITY OUTLINED BELOW:

- ADDITION TO THE PROGRAM
  - DELETION FROM THE PROGRAM
  - SHIFT IN THE PROGRAM
  - CHANGE IN COST ESTIMATE
  - OTHER
- PE     ROW     CONST.  
FROM FY \_\_\_\_\_ TO FY \_\_\_\_\_

PROJECT DATA

| COUNTY | PROJECT No.<br>P.I. No. | TYPE<br>WORK | DESCRIPTION |
|--------|-------------------------|--------------|-------------|
|--------|-------------------------|--------------|-------------|

|                                    |                       |                     |   |
|------------------------------------|-----------------------|---------------------|---|
| Wheeler/ <del>DODGE</del> /Laurens | EDS-441(18)<br>262061 | Widen & Reconstruct | S.R. 31/U.S. 441<br>From Little Ocmulgee State Park to S.R. 46 includes new parallel bridge at Alligator Creek.<br>Length = 11.50 Miles |
|------------------------------------|-----------------------|---------------------|---|

EDS CORRIDOR "B"  
Fund 1 = EDS  
Fund 2 = EDS

| ESTIMATED COST<br>(\$1,000's) | LOW<br>ROAD | HIGH<br>ROAD | FISCAL<br>YEAR | CONG.<br>DISTRICT | FIELD<br>DISTRICT |
|-------------------------------|-------------|--------------|----------------|-------------------|-------------------|
| PE                            | X           |              | 1991           |                   |                   |
| ROW \$1,954                   |             | X            | 1994           |                   |                   |
| CONST \$10,890                |             | X            | 1995           | 8                 | 2                 |

REASON FOR REVISIONS:

To add this project to the Construction Work Program as approved in the FY-1991 G.R.I.P. Program for Preliminary Engineering. The right-of-way phase and construction phase are shown in the "High Road" for informational purposes only.

This project is being removed from Preprogrammed status.

RECOMMENDED *Dewey Jones*  
DIRECTOR, DIVISION OF PLANNING AND PROGRAMMING

RECOMMENDED *[Signature]*  
COMMISSIONER

*Ok [Signature]*



47

PROJECT NO. 495-441 (18) COUNTY LAURENS P.I. No. 202001

PROJECT SCHEDULE 1990 LENGTH 11.50 MI R/W PARCELS 60

DESCRIPTION: Widen & Resurface US 441 from L. Hill Overpass St. Park to S.R. 46

| ACTIVITY/EVENT                  | 1990 |   |   |   |   |   |   |   |   |    |    |    |
|---------------------------------|------|---|---|---|---|---|---|---|---|----|----|----|
|                                 | 1    | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| CONCEPT PHOTOS                  |      |   |   |   |   |   |   |   |   |    |    |    |
| DEFINE CONCEPT/REPORT           |      |   |   |   |   |   |   |   |   |    |    |    |
| HOLD CONCEPT MEETING            |      |   |   |   |   |   |   |   |   |    |    |    |
| CONCEPT TO ENG. SERV.           |      |   |   |   |   |   |   |   |   |    |    |    |
| REC'D ENG SERV CONCEPT APPROVAL |      |   |   |   |   |   |   |   |   |    |    |    |
| MANAGEMENT APPROVAL             |      |   |   |   |   |   |   |   |   |    |    |    |
| ENVIRONMENTAL                   |      |   |   |   |   |   |   |   |   |    |    |    |
| HOLD PUBLIC HEARING             |      |   |   |   |   |   |   |   |   |    |    |    |
| FINAL AIT APPROVAL              |      |   |   |   |   |   |   |   |   |    |    |    |
| PHOTOGRAMMETRY (MAPPING)        |      |   |   |   |   |   |   |   |   |    |    |    |
| FIELD SURVEYS                   |      |   |   |   |   |   |   |   |   |    |    |    |
| PREL. CONST./R/W PLANS          |      |   |   |   |   |   |   |   |   |    |    |    |
| FINAL CONST PLANS               |      |   |   |   |   |   |   |   |   |    |    |    |
| HOLD DESIGN FPR                 |      |   |   |   |   |   |   |   |   |    |    |    |
| PREL. BR. LAYOUT/HYDRAULICS     |      |   |   |   |   |   |   |   |   |    |    |    |
| BRIDGE STRUCTURAL DESIGN        |      |   |   |   |   |   |   |   |   |    |    |    |
| STAKE R/W                       |      |   |   |   |   |   |   |   |   |    |    |    |
| APPR R/W PLANS                  |      |   |   |   |   |   |   |   |   |    |    |    |
| R/W AUTH                        |      |   |   |   |   |   |   |   |   |    |    |    |
| APPRAISAL OF PARCELS            |      |   |   |   |   |   |   |   |   |    |    |    |
| NEGOTIATIONS                    |      |   |   |   |   |   |   |   |   |    |    |    |
| ACQ. OF R/W BY LOCALS           |      |   |   |   |   |   |   |   |   |    |    |    |
| CERTIFY R/W                     |      |   |   |   |   |   |   |   |   |    |    |    |
| EARLIEST LET DATE               |      |   |   |   |   |   |   |   |   |    |    |    |
| Bridge Foundation Investigation |      |   |   |   |   |   |   |   |   |    |    |    |
| Soil Investigation              |      |   |   |   |   |   |   |   |   |    |    |    |
| L & D Approval                  |      |   |   |   |   |   |   |   |   |    |    |    |

2/19/95









PROJECT NO. EDS-441 (R2) COUNTY Madison P.I. NO. 262061

PROJECT SCHEDULE 1995 LENGTH 11.50 Miles R/W PARCELS 60'

DESCRIPTION:

| ACTIVITY/EVENT                  | 1995 |     |     |     |     |     |     |     |      |     |     |     | JUL | AUG | SEPT | OCT | NOV | DEC |
|---------------------------------|------|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|------|-----|-----|-----|
|                                 | JAN  | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEPT | OCT | NOV | DEC |     |     |      |     |     |     |
| CONCEPT PHOTOS                  |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| DEFINE CONCEPT/REPORT           |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| HOLD CONCEPT MEETING            |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| CONCEPT TO ENG. SERV.           |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| REC'D ENG SERV CONCEPT APPROVAL |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| MANAGEMENT APPROVAL             |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| ENVIRONMENTAL                   |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| HOLD PUBLIC HEARING             |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| FINAL ALL APPROVAL              |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| PHOTOGRAMMETRY (MAPPING)        |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| FIELD SURVEYS                   |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| PREL. CONST./R/W PLANS          |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| FINAL CONST PLANS               |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| HOLD DESIGN EPR                 |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| PREL. BR. LAYOUT/HYDRAULICS     |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| BRIDGE STRUCTURAL DESIGN        |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| STATE R/W                       |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| APPR R/W PLANS                  |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| R/W AUTH                        |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| APPRAISAL OF PARCELS            |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| NEGOTIATIONS                    |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| ACQ. OF R/W BY LOCALS           |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| CERTIFY R/W                     |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| EARLIEST LET DATE               |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| Bridge Foundation Investigation |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| Soil Investigation              |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |
| L & D Approval                  |      |     |     |     |     |     |     |     |      |     |     |     |     |     |      |     |     |     |

*George de la Hoya PWS*

*LET N 95*

**REVISION REQUEST  
FOR THE  
CONSTRUCTION WORK PROGRAM**

IN ACCORDANCE WITH THE BOARD RESOLUTION DATED AUGUST 16, 1973,  
BOARD APPROVAL IS REQUESTED TO REVISE THE CONSTRUCTION WORK PROGRAM  
FOR THE PROJECT AND ACTIVITY OUTLINED BELOW:

- ADDITION TO THE PROGRAM
  - DELETION FROM THE PROGRAM
  - SHIFT IN THE PROGRAM
  - CHANGE IN COST ESTIMATE
  - OTHER
- PE     ROW     CONST.  
 FROM FY \_\_\_\_\_ To FY \_\_\_\_\_

PROJECT DATA

| COUNTY                    | PROJECT No.<br>P.I. No. | TYPE<br>WORK        | DESCRIPTION   |
|---------------------------|-------------------------|---------------------|---|
| Wheeler/Dodge/<br>Laurens | EDS-441(18)<br>262061   | Widen & Reconstruct | S.R. 31/U.S. 441<br>From Little Ocmulgee<br>State Park to S.R. 46<br>includes new parallel<br>bridge at Alligator<br>Creek.<br>Length = 11.50 Miles |
| EDS CORRIDOR "B"          |                         |                     |   |
| Fund 1 = EDS              |                         |                     |   |
| Fund 2 = EDS              |                         |                     |   |

| ESTIMATED COST<br>(\$1,000's) | LOW<br>ROAD | HIGH<br>ROAD | FISCAL<br>YEAR | CONG.<br>DISTRICT | FIELD<br>DISTRICT |
|-------------------------------|-------------|--------------|----------------|-------------------|-------------------|
| PE                            | X           |              | 1991           |                   |                   |
| ROW \$1,954                   |             | X            | 1994           |                   |                   |
| CONST \$10,890                |             | X            | 1995           | 8                 | 2                 |

REASON FOR REVISIONS:

To add this project to the Construction Work Program as approved in the FY-1991 G.R.I.P. Program for Preliminary Engineering. The right-of-way phase and construction phase are shown in the "High Road" for informational purposes only.

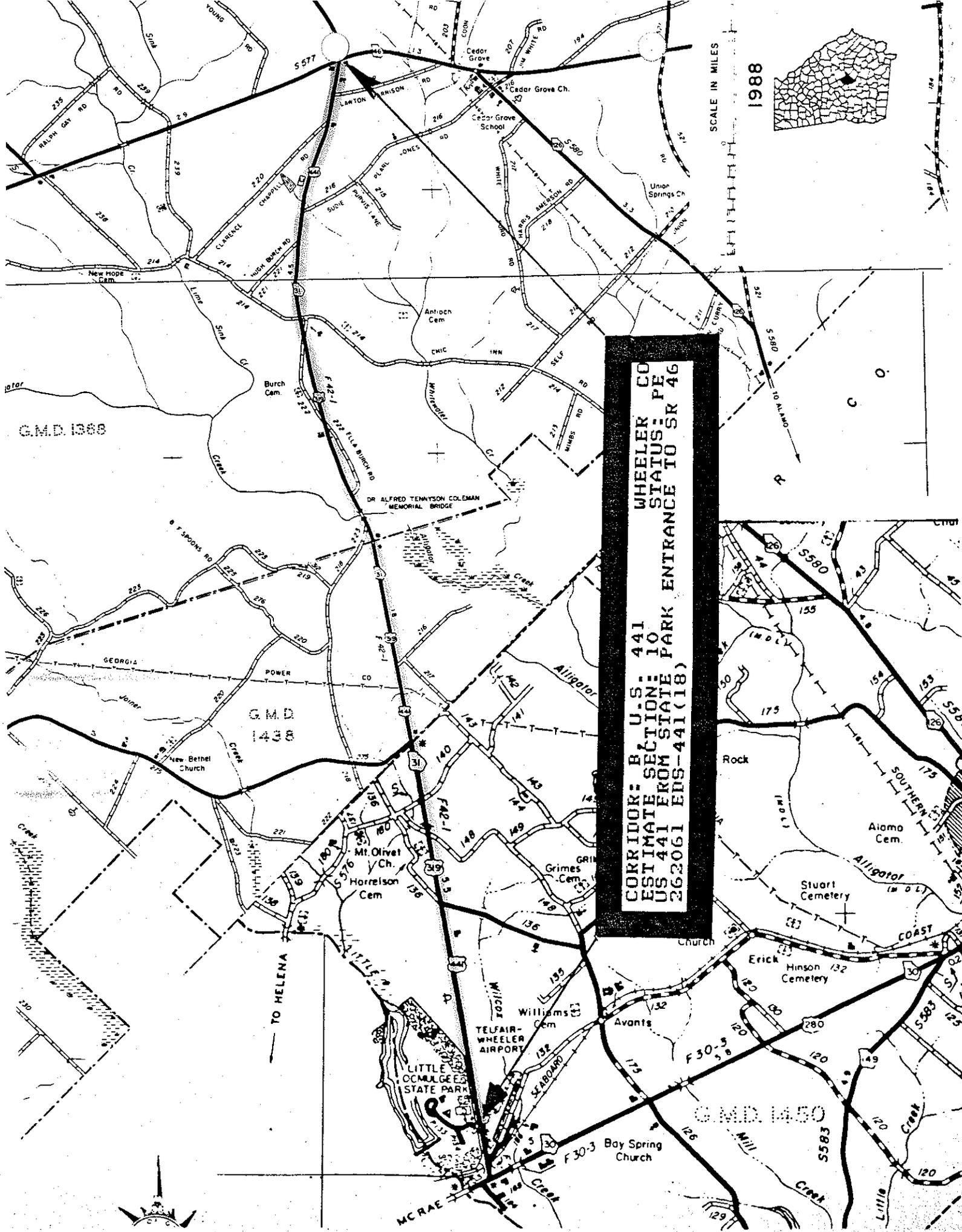
This project is being removed from Preprogrammed status.

RECOMMENDED *Dwight Jones*  
DIRECTOR, DIVISION OF PLANNING AND PROGRAMMING

RECOMMENDED *[Signature]*  
COMMISSIONER

|                   |
|-------------------|
| <b>GDOT BOARD</b> |
| MAY 17 1990       |
| <b>APPROVED</b>   |

*[Handwritten signature]*



G.M.D. 1368

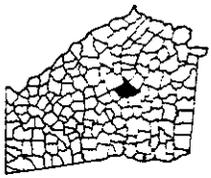
G.M.D. 144

G.M.D. 1450

SCALE IN MILES

1988

WHEELER CO  
U.S. 441  
SECTION: 10  
ESTIMATE FROM STATE PARK ENTRANCE TO SR 46  
EDS-441(18)  
262061



REQUEST

FOR

*Road  
Design*

PRE-PROGRAMMING AUTHORIZATION

AUTHORIZATION IS REQUESTED TO PROCEED WITH DEVELOPMENT OF A PROJECT CONCEPT ON THE FOLLOWING PROJECT:

PROJECT DATA

| COUNTY   | PROJECT No.<br>P.I. No. | TYPE WORK   | DESCRIPTION  |             |
|--|-------------------------|---|--|-------------|
| Wheeler- <i>DODGE</i><br>Laurens                 | EDS-441(18)<br>262061   | Widen & Reconstruct<br>(Proposed 4-lane divided<br>by 44' median) | S.R. 31/U.S. 441/Golden Isles Parkway:<br>From Little Ocmulgee State Park entrance near McRae north to S.R. 46. (including a new parallel bridge at Alligator Creek) existing 288'X 38' bridge<br>Length = 11.50 Miles |             |
| EDS CORRIDOR "B"<br>Fund 1 = EDS<br>Fund 2 = EDS |                         |   | CONG. DIST.  | FIELD DIST. |
| PRELIMINARY COST ESTIMATE (\$1,000's)            | PROPOSED FISCAL YEAR    | ROW TO BE PROVIDED BY   |  |             |
| P.E.   | 1993                    |   |  |             |
| ROW \$1,954                                      | 1994                    | D.O.T.  |  |             |
| CONST. \$10,890                                  | 1995 <del>6</del>       |   | 8  | 2           |

NEEDS RATING:

SUFFICIENCY RATING:

COMMENTS:

The Project Concept Report for this section of the Golden Isles Parkway has been approved and it is proposed to add this project to Preprogramming status until funding is approved for Preliminary Engineering.

The above Proposed Fiscal Years are in accordance with the EDS Program proposed by the Director of Preconstruction revised 10/22/87. *Previous project # EDS-441 (C) project 2 Wheeler, Dodge, Laurens Cos*

RECOMMENDED

*Flynn Hardy*

DIRECTOR, DIVISION OF PLANNING AND PROGRAMMING

*gmm*

APPROVED

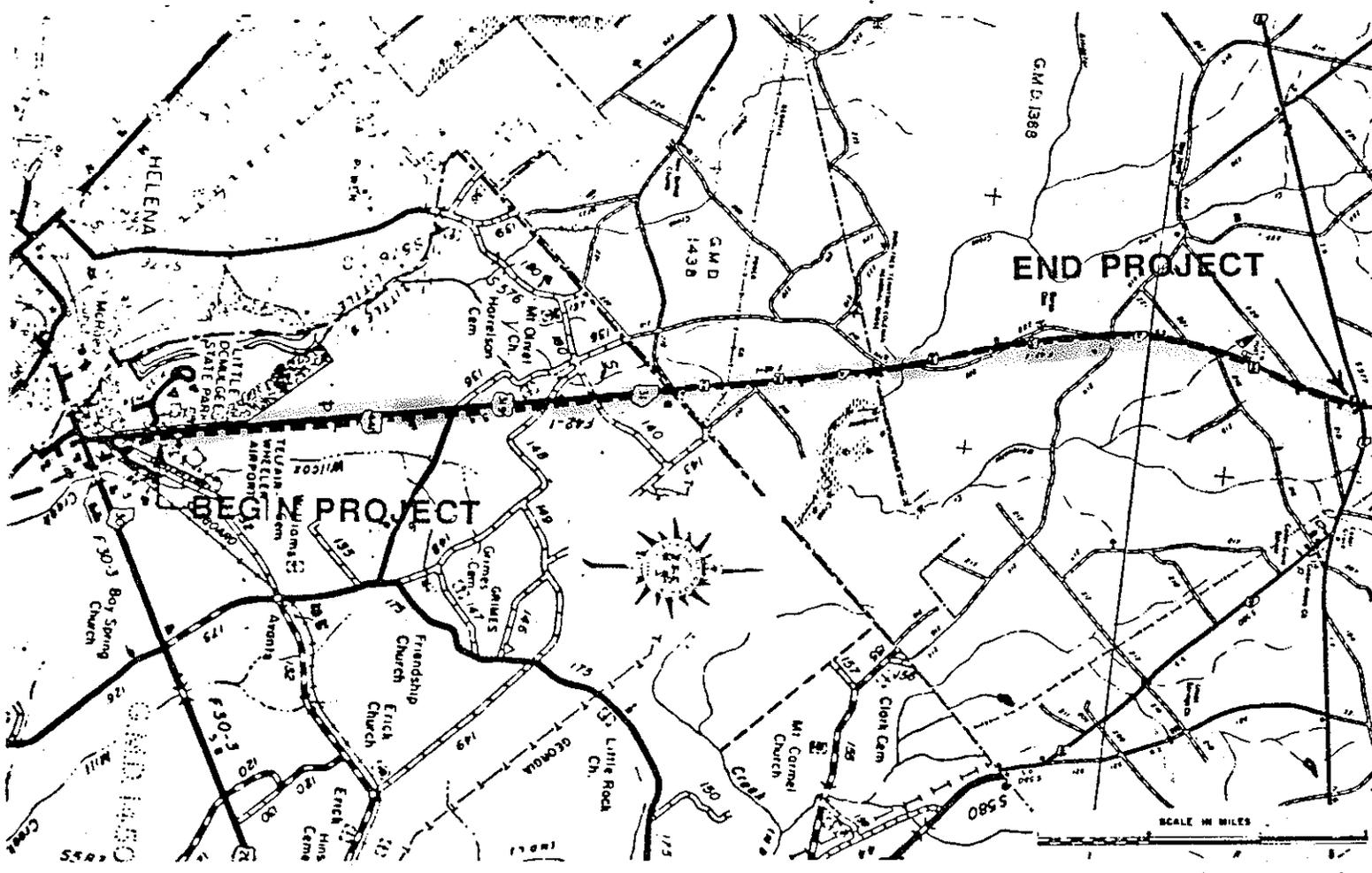
*[Signature]*

COMMISSIONER

OFFICE OF ENVIRONMENT/LOCATION  
PROJECT CONCEPT REPORT



Project Number: EDS-441(8), Proj. 2 Wheeler/Dodge/Laurens Counties  
 P.I. Number: N/A  
 Federal Route Number: F-42-1  
 State Route Number: SR 31



RECOMMENDATION FOR APPROVAL:

DATE OF REPORT 2/18/87

2-17-87  
DATE

Peter Malph  
State Environment/Location Engineer

DATE

State Road and Airport Design Engineer

DATE

State Bridge Engineer

DATE

State Traffic and Safety Engineer

DATE

District Engineer, Jesup or Ientille

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE EDS-441(8) Project 2 OFFICE Preconstruction  
Wheeler-Dodge-Laurens Counties  
P.I. No. 262060 DATE September 16, 1988

FROM Alton L. Dowd, Jr., Director of Preconstruction  
TO Hal Rives, Commissioner

SUBJECT PROJECT CONCEPT REPORT - Golden Isles Parkway/US 441 Corridor

This project is one of several for the reconstruction of SR 31/US 441 from McRae to Dublin, Georgia. This route is on the Golden Isles Parkway (US 441) Corridor and is part of the Economic Development Highway System. This particular project begins at the entrance of Little Ocmulgee State Park and ends at SR 46 (11.5 miles). The existing road is two, 12' lanes, 7' shoulders, and open ditch on 100' right-of-way. There is an existing bridge at Alligator Creek (28' x 288') with a sufficiency rating of 81.8. The estimated traffic is 2500-2900 ADT (1990) and 4400-5100 ADT (2010).

It is proposed to provide for two, 12' lanes in each direction divided with a 44' depressed median, 10' shoulders and open ditch on a minimum of 200' right-of-way. The existing pavement will be used as two lanes in one direction and two new lanes will be added parallel to these existing lanes on the east side. The existing bridge at Alligator Creek is adequate for the existing roadway. A new two lane bridge (38' x 288') is to be constructed parallel to the existing bridge. The access for this project is by permit.

Alternates considered for this project are design alternates consisting of: (1) four lanes undivided; (2) four lanes divided with a 4' median; (3) four lanes divided with a 44' median. Considering safety, economics, and truck traffic, it was determined that the 44' divided median is more appropriate in this area.

The estimated cost of this project is:

|  | PROPOSED ESTIMATE | APPROVED ESTIMATE |
|--|-------------------|-------------------|
| Construction (includes E&C<br>and inflation) | \$10,890,000      |                   |
| Right-of-Way                                 | \$ 1,954,000      |                   |
| Utilities                                    | (LGPA)            |                   |

This project is programmed for Preliminary Engineering only.

Hal Rives  
Page 2  
September 16, 1988

EDS-441(8) Project 2 Wheeler-Dodge-Laurens Counties

A public hearing was held on this route November 18-21, 1985 as part of the Golden Isles Parkway Corridor, with one being held at McRae and Dublin. The results of these hearings are as follows:

624 responses  
583 support  
47 opposed  
6 undecided

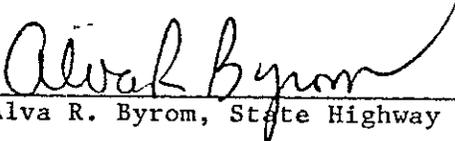
These numbers represent those comments on both routes for the Golden Isles Parkway Corridor. There was very good support for the US 319/US 441 corridors. A state aid environmental report was prepared and approved.

It is recommended that we approve this project concept report and further that we program this project for implementation when funds are available. A design public hearing is recommended on this project.

ALD:RLA/cj

Attachment

CONCUR

  
Alva R. Byrom, State Highway Engineer

APPROVE

  
Hal Rives, Commissioner

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

---

## INTERDEPARTMENT CORRESPONDENCE

FILE EDS-441(8) Project 2 OFFICE Preconstruction  
Wheeler-Dodge-Laurens Counties  
P.E. No. 262060 DATE September 22, 1988  
*R.L. Alston*  
FROM R. L. Alston, P.E., Assistant Director of Preconstruction  
TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL - Golden Isles Parkway/US 441 Corridor

Attached for your files is the approval for subject project.

RLA/cj

Attachment

## DISTRIBUTION:

Alton L. Dowd, Jr.  
Robert E. Humphrey  
Frank Danchetz  
Gene Skeen  
Walker Scott  
Floyd Hardy (ATTN: Herman Griffin)  
Ron Colvin  
Charles Lewis  
George Lyons

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE EDS-441(8) Project 2 OFFICE Preconstruction  
Wheeler-Dodge-Laurens Counties  
P.I. No. 262060 DATE September 16, 1988

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

TO Hal Rives, Commissioner

SUBJECT PROJECT CONCEPT REPORT - Golden Isles Parkway/US 441 Corridor

This project is one of several for the reconstruction of SR 31/US 441 from McRae to Dublin, Georgia. This route is on the Golden Isles Parkway (US 441) Corridor and is part of the Economic Development Highway System. This particular project begins at the entrance of Little Ocmulgee State Park and ends at SR 46 (11.5 miles). The existing road is two, 12' lanes, 7' shoulders, and open ditch on 100' right-of-way. There is an existing bridge at Alligator Creek (28' x 288') with a sufficiency rating of 81.8. The estimated traffic is 2500-2900 ADT (1990) and 4400-5100 ADT (2010).

It is proposed to provide for two, 12' lanes in each direction divided with a 44' depressed median, 10' shoulders and open ditch on a minimum of 200' right-of-way. The existing pavement will be used as two lanes in one direction and two new lanes will be added parallel to these existing lanes on the east side. The existing bridge at Alligator Creek is adequate for the existing roadway. A new two lane bridge (38' x 288') is to be constructed parallel to the existing bridge. The access for this project is by permit.

Alternates considered for this project are design alternates consisting of: (1) four lanes undivided; (2) four lanes divided with a 4' median; (3) four lanes divided with a 44' median. Considering safety, economics, and truck traffic, it was determined that the 44' divided median is more appropriate in this area.

The estimated cost of this project is:

|  | PROPOSED ESTIMATE | APPROVED ESTIMATE |
|--|-------------------|-------------------|
| Construction (includes E&C<br>and inflation) | \$10,890,000      |                   |
| Right-of-Way                                 | \$ 1,954,000      |                   |
| Utilities                                    | (LGPA)            |                   |

This project is programmed for Preliminary Engineering only.

Hal Rives  
Page 2  
September 16, 1988

EDS-441(8) Project 2 Wheeler-Dodge-Laurens Counties

A public hearing was held on this route November 18-21, 1985 as part of the Golden Isles Parkway Corridor, with one being held at McRae and Dublin. The results of these hearings are as follows:

624 responses  
583 support  
47 opposed  
6 undecided

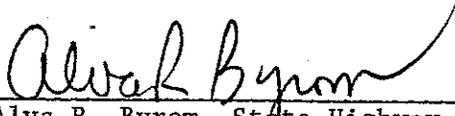
These numbers represent those comments on both routes for the Golden Isles Parkway Corridor. There was very good support for the US 319/US 441 corridors. A state aid environmental report was prepared and approved.

It is recommended that we approve this project concept report and further that we program this project for implementation when funds are available. A design public hearing is recommended on this project.

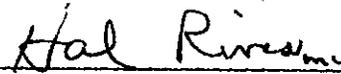
ALD:RLA/cj

Attachment

CONCUR

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

APPROVE

  
\_\_\_\_\_  
Hal Rives, Commissioner

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** EDS-441 (8) Project 2 Wheeler, Dodge, Laurens OFFICE Atlanta, Georgia  
P.I. No. --- Counties  
Golden Isles Parkway/US 441 Corridor DATE March 9, 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 this Major project and have the following comments:

The report does not indicate if the bridge at Alligator Creek is to be widened symmetrically or to one side.

The new bridge over Alligator Creek, mentioned on page one of this report, should be omitted - only the existing structure is to be widened.

We have received signed cover sheets from the following offices:

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

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

The estimated costs of this project are as follows:

|                             |             |
|-----------------------------|-------------|
| Construction                | \$8,500,000 |
| Inflation (5% per year)     | 425,000     |
| E & C (10%)                 | 892,500     |
| Preliminary Engineering(5%) | 425,000     |
| Right of Way                | 708,000     |
| Utilities                   | 16,000      |

DSW/jmf

Attachments

c: Peter Malphurs

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** EDS-441 (8) Proj. 2 Wheeler-Dodge-Laurens OFFICE Atlanta, Georgia  
P.I. No. 262060 Counties  
Golden Isles Parkway/US 441 Corridor "E" DATE September 15, 1988

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

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

**SUBJECT** PROJECT CONCEPT REPORT ESTIMATE

As per your request, we have reviewed the cost estimate dated August 25, 1988 for this project.

The estimated costs of this project are as follows:

|                              |             |
|------------------------------|-------------|
| Construction                 | \$9,000,000 |
| Inflation (5% per year)      | 900,000     |
| E & C (10%)                  | 990,000     |
| Preliminary Engineering (5%) | 450,000     |
| Right of Way                 | 1,954,000   |
| Utilities                    | LGPA        |

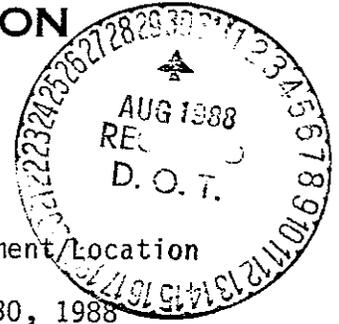
DTM/jmf

Attachments

c: Frank Danchetz

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE



FILE EDS-441(8), Project 2, 3 & 4  
Wheeler/Dodge/Laurens Counties

OFFICE Environment/Location

DATE August 30, 1988

FROM Frank L. <sup>Fry</sup>Danchetz, P.E., State Environmental/Location Engineer

TO Robert L. Alston, Assistant Director of Pre-Construction

SUBJECT REVISED COST ESTIMATE

As requested, revised cost estimates for the above projects have been made. A description of the proposed concept and cost estimates follow for each project.

EDS-441(8) Project 2 - This project would begin where the North McRae Bypass (Project EDS-441(13)) ends near the entrance to Little Ocmulgee State Park and ends at S.R. 46 in Laurens County. Existing S.R. 31/U.S. 441 is 2 lanes with rural drainage through this section. The proposed concept would be to widen the existing roadway from 2 lanes to 4 lanes with a 44' median. The new lanes would be added to the east side. The total length of this project is 11.5 miles.

The estimated cost is as follows:

Right-of-Way - \$ 1,954,000  
Construction - \$11,139,000

EDS-441(8) Project 3 - This project would begin at S.R. 46 and ends at County Road 272. The existing typical section is 2 lanes from S.R. 46 to a point approximately 1.3 miles south of County Road 272 where an existing passing lane begins. The passing lane (which was constructed on the east side of the original roadway) continues north through the intersection with County Road 272 which is the end of this project.

The proposed concept would be to add 2 lanes and a 44' median to the east side through the 7.4 miles of existing 2 lanes. In the first curve north of where the passing lane begins, near Southwest Laurens Middle School, the typical section would transition to 5 lanes with rural drainage. This would be constructed symmetrically about the original centerline. The length of this section would be 1.3 miles. The estimated cost is as follows:

Right-of-Way - \$1,782,000  
Construction - \$7,975,000

EDS-441(8) Project 4 - This project would begin at County Road 272 and end just south of I-16. The existing typical section is two, three and four lanes. The passing lane that begins on Project 3 continues north from County Road 272 for a distance of approximately 2.2 miles. At the end the passing lane the existing road transitions to 2 lanes and continues to a point just north of Turkey Creek where a four lanes section begins. The four lane section continues to the end of the project at I-16. The length of the existing 2 lane section is 3.7 miles and the four lane section is 1.8 miles. The proposed concept would be to widen the existing road to 5 lanes with rural drainage except for a short section at County Road 521. At this location there is a church on the east side of the road and a cemetery on the west side. Through this section, which is approximately 500' in length, a 5-lane curb and gutter section is proposed to eliminate impacts to the church and cemetery.

The length of this project is 7.7 miles. The estimated cost is as follows:

Right-of-Way - \$3,159,000  
Construction - \$8,205,000

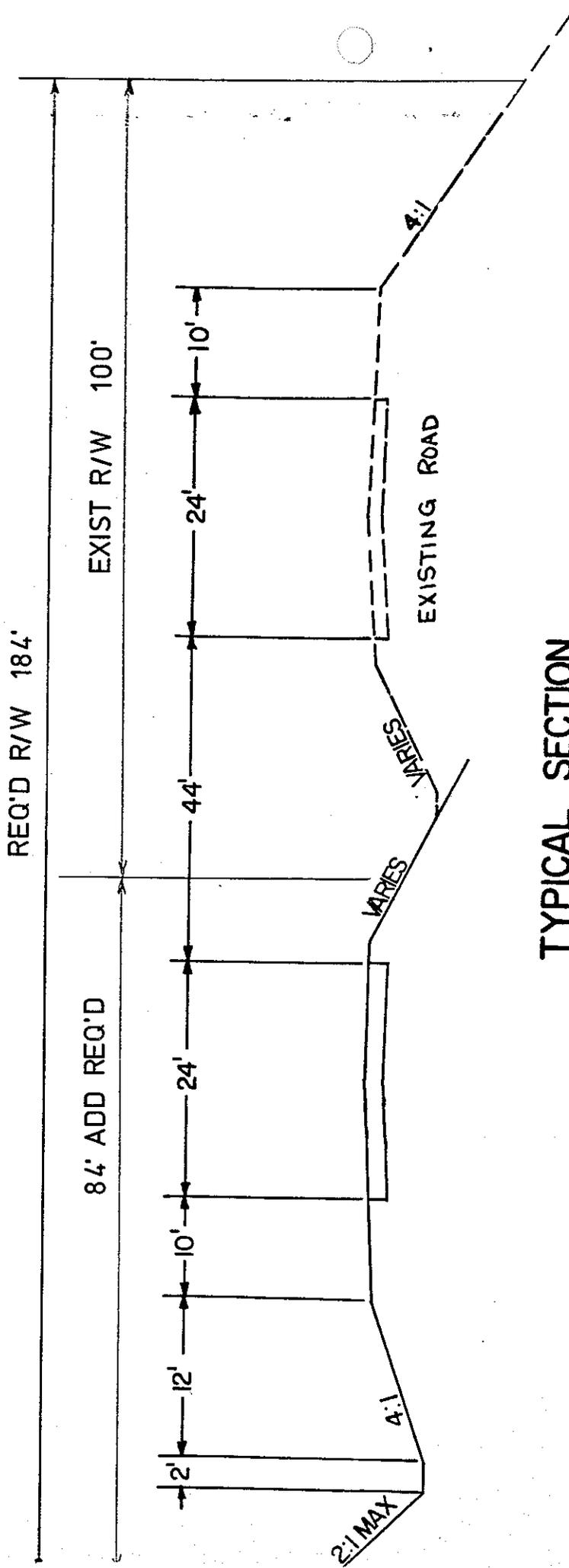
The construction cost for Project 4 does not include the bridge over Turkey Creek. That bridge is already in the construction program to be widened to 5 lanes. The project number is BHF-042-1(11).

All cost estimates have 10% added for inflation.

Existing right-of-way for the three projects is generally 100'. The 4 lanes with the 44' median typical section would require a minimum of 184' of right-of-way, an additional 84' on the side where the new lanes would be constructed. The 5 lane typical section would require a minimum of 150' of right-of-way, an additional 25' on each side except for the short section on Project 4 at County Road 521. Through that section (approximately 500 feet) no additional right-of-way would be required.

Let me know if you have questions or would like to discuss this information.

FLD/JLH/sb



# TYPICAL SECTION

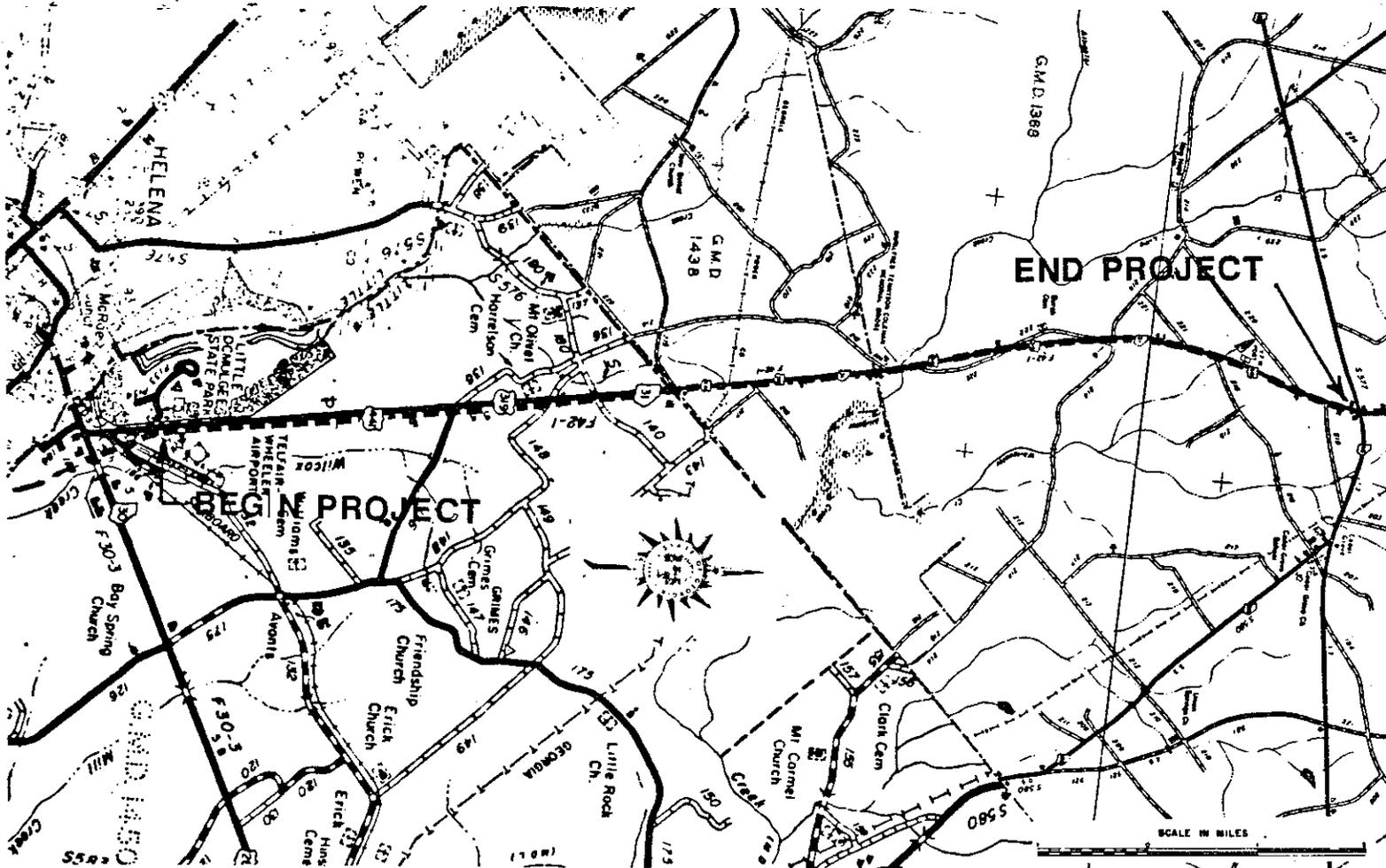
LITTLE OCMULGEE STATE PARK TO

SOUTHWEST LAURENS MIDDLE SCHOOL

OFFICE OF ENVIRONMENT/LOCATION  
PROJECT CONCEPT REPORT



Project Number: EDS-441(8), Proj. 2 Wheeler/Dodge/Laurens Counties  
 P.I. Number: N/A  
 Federal Route Number: F-42-1  
 State Route Number: SR 31



RECOMMENDATION FOR APPROVAL:

2-17-87  
DATE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
DATE

DATE OF REPORT 2/18/87

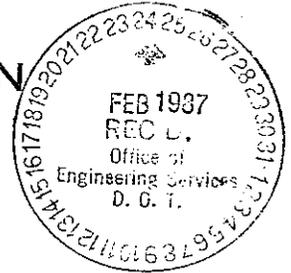
Peter Walsh  
State Environment/Location Engineer

\_\_\_\_\_  
State Road and Airport Design Engineer

\_\_\_\_\_  
State Bridge Engineer

\_\_\_\_\_  
State Traffic and Safety Engineer

\_\_\_\_\_  
District Engineer, Jesup or Tennille

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

## INTERDEPARTMENT CORRESPONDENCE

FILE EDS-441(8) Proj. 2, 3 & 4  
Telfair, Wheeler, Dodge & Laurens  
*Peter Malphurs*  
FROM Peter Malphurs, State Environmental/Location Engineer  
TO Robert Humphrey, Project Review Engineer  
ATTENTION: Devon Woodworth  
SUBJECT Concept Report Corrections

OFFICE Environment/Location  
DATE February 23, 1987

Please note the following corrections for the above project concept reports.

1. EDS-441(8) Proj. 2: change proposed typical section to 4-lanes with 4' paved median
2. EDS-441(8) Proj. 2, 3 & 4: change type of access to "driveways by permit".

If you have any questions contact Jerry Hobbs at 696-4634.

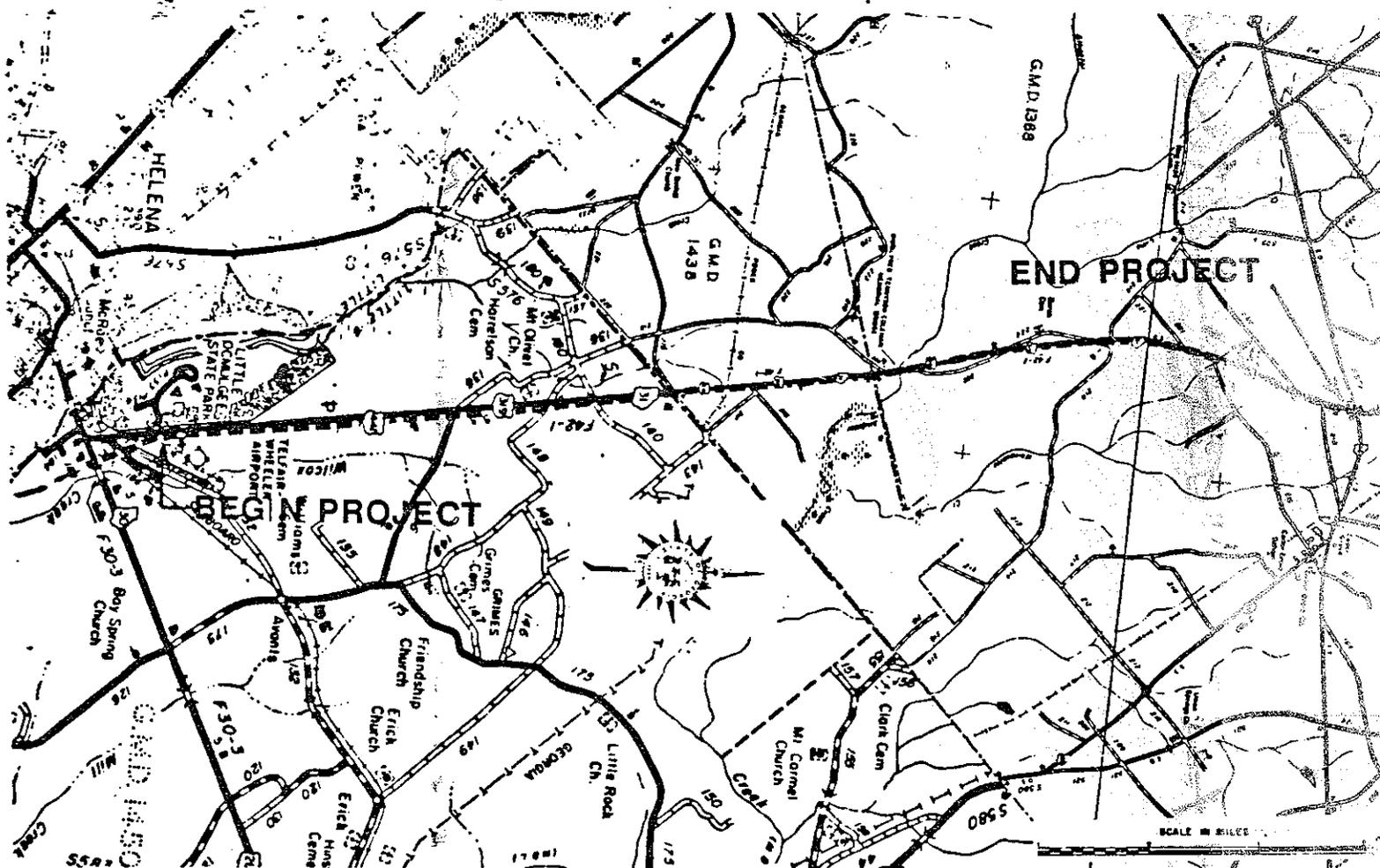
PM/JH/sld

cc: R. L. Alston  
Floyd Hardy  
Charles Lewis  
Archie Burnham  
George Lyons  
Juan Durrence

OFFICE OF ENVIRONMENT/LOCATION  
PROJECT CONCEPT REPORT



Project Number: 1 EDS-441(8), Proj. 2 Wheeler/Dodge/Laurens Counties.  
 P.I. Number: N/A  
 Federal Route Number: F-42-1  
 State Route Number: SR 31



RECOMMENDATION FOR APPROVAL:

DATE OF REPORT 2/18/87

2-17-87  
DATE

Peter Walsh  
State Environment/Location Engineer

DATE

State Road and Airport Design Engineer

DATE

State Bridge Engineer

DATE

State Traffic and Safety Engineer

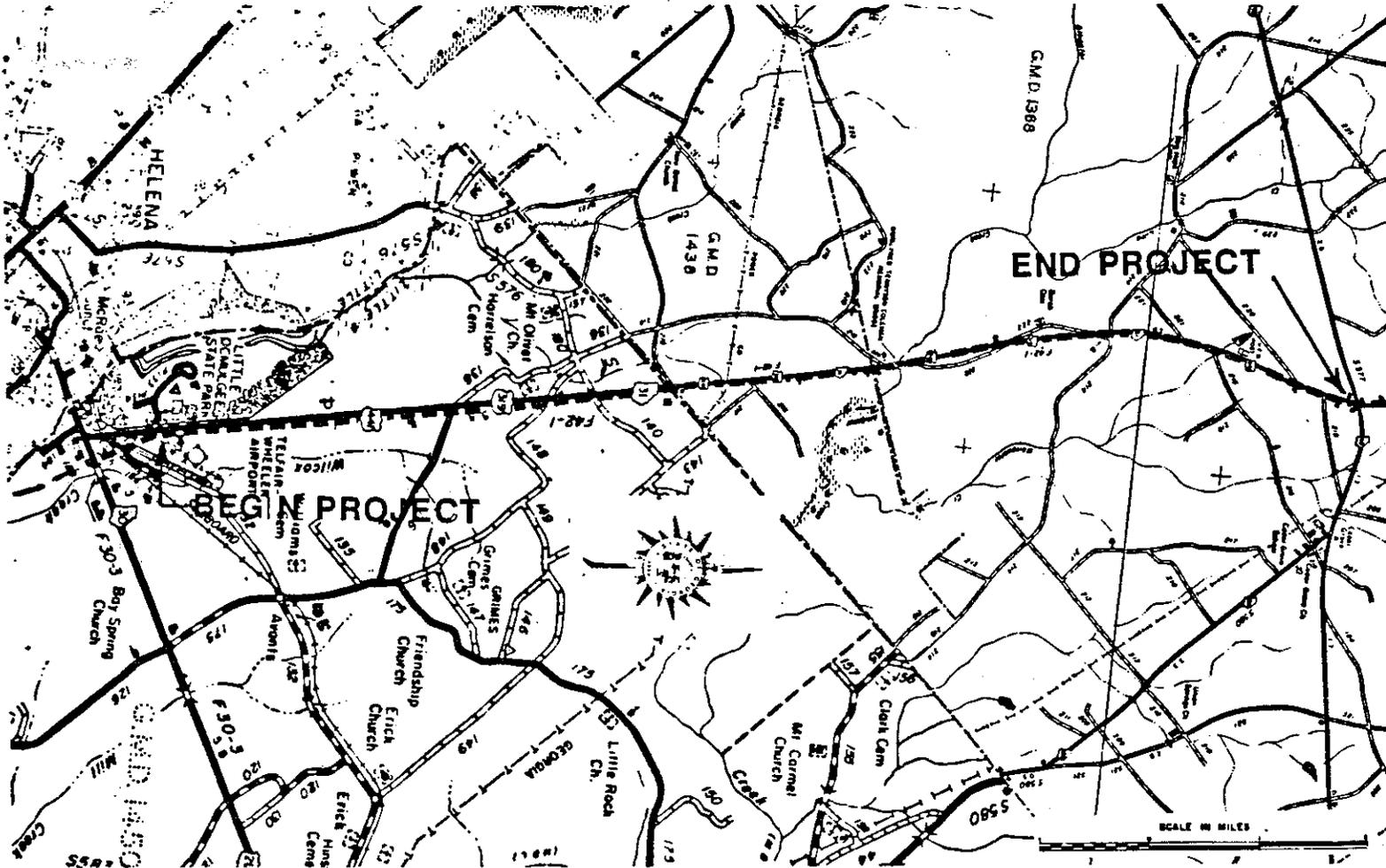
3-4-87  
DATE

George J. Lyons  
District Engineer, ~~Laurens~~ Tennille

OFFICE OF ENVIRONMENT/LOCATION  
PROJECT CONCEPT REPORT



Project Number: EDS-441(8), Proj. 2 Wheeler/Dodge/Laurens Counties  
P.I. Number: N/A  
Federal Route Number: F-42-1  
State Route Number: SR 31



RECOMMENDATION FOR APPROVAL:

DATE OF REPORT 2/18/87

2-17-87  
DATE

Peter Malph  
State Environment/Location Engineer

DATE

State Road and Airport Design Engineer

3/4/87  
DATE

G.C. Lewis  
State Bridge Engineer

DATE

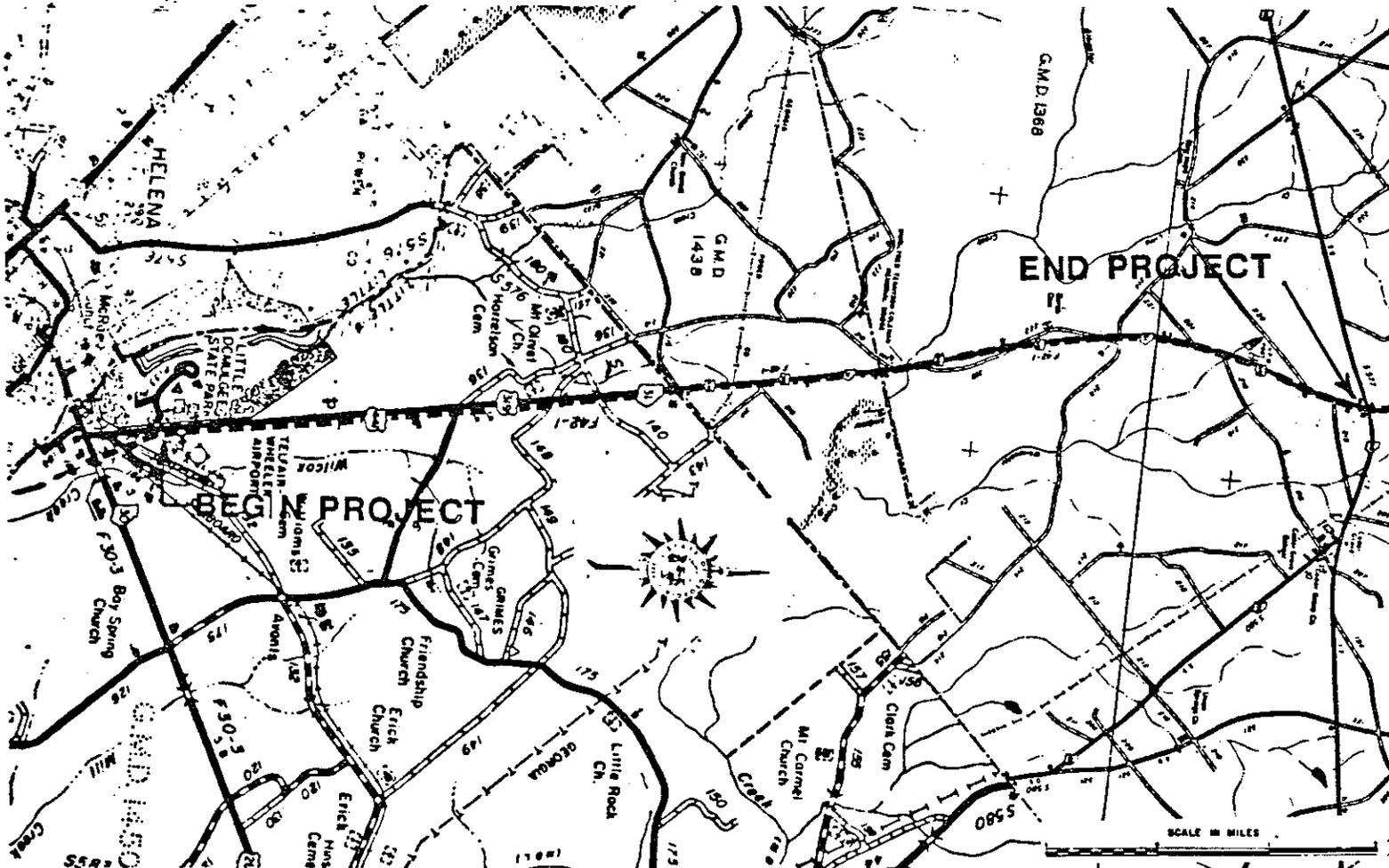
State Traffic and Safety Engineer

DATE

District Engineer, Jesup or Tennille

OFFICE OF ENVIRONMENT/LOCATION  
PROJECT CONCEPT REPORT

Project Number: EDS-441(8), Proj. 2 Wheeler/Dodge/Laurens Counties  
P.I. Number: N/A  
Federal Route Number: F-42-1  
State Route Number: SR 31



RECOMMENDATION FOR APPROVAL:

DATE OF REPORT 2/18/87

2-17-87  
DATE

Peter Walsh  
State Environment/Location Engineer

DATE

State Road and Airport Design Engineer

DATE

State Bridge Engineer

3-12-87  
DATE

Archie C. Bombardieri  
State Traffic and Safety Engineer

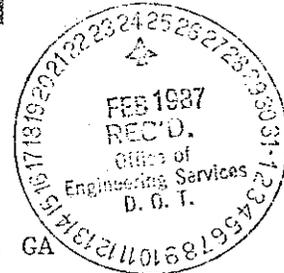
DATE

District Engineer, Jesup or Tennille



DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE



FILE EDS-44 (8) Projects 1, 2, 3, and 4 OFFICE Atlanta, GA  
Telfair, Wheeler, Dodge and Laurens Counties DATE February 23, 1987

FROM Floyd E. Hardy, P. E., State Road and Airport Design Engineer

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

SUBJECT Concept Report

Attached are signed cover sheets for the concept reports on the above projects. Comments are as follows:

Project 1: The required bridges are over the Little Ocmulgee River and not the Ocmulgee River.

Project 2: The proposed typical section on page 1 should read: 4 lanes with a 4' flush median.

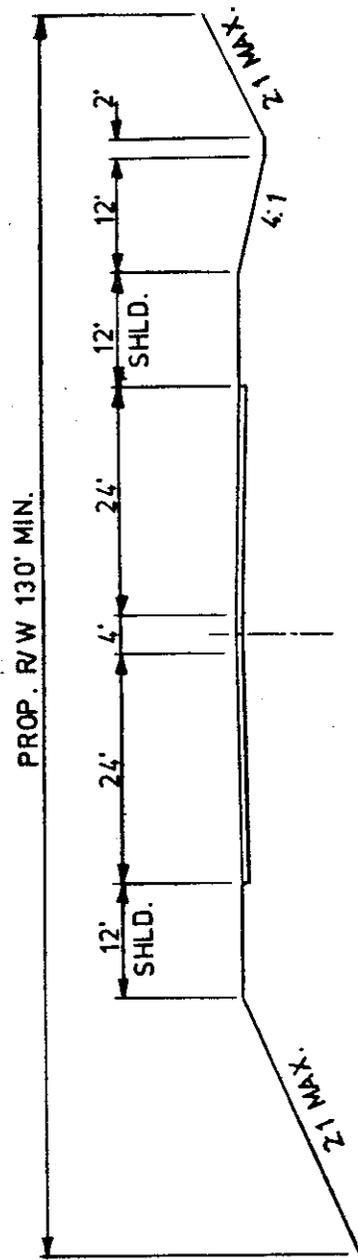
Projects  
2, 3, & 4: Partial control would not be used on an existing location project. Type of access should read: Driveway control by permit. 150 feet minimum right-of-way should be acquired to allow for a future 20 foot width median.

Projects  
1, 2, 3 &  
4 : 10 foot wide graded shoulders should be used.

FEH:DKE:pho

Attachment

CC: R. L. Alston  
Pete Malphurs



**TYPICAL SECTION**  
**EDS-441(8) PROJ(2)**

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** EDS-441(8) Projects 2, 3, & 4  
Wheeler, Dodge, & Laurens Counties  
P. I. No. 262060  
*R. L. Alston*  
**FROM** R. L. Alston, P.E., Assistant Director of Preconstruction

**OFFICE** Preconstruction  
**DATE** September 12, 1988

**TO** Robert E. Humphrey, Project Review Engineer - Engineering Services

**SUBJECT** PROJECT CONCEPT REPORT COST ESTIMATE - McRae to Dublin - Golden Isles Parkway/  
US 41 Corridor

Attached are three (3) concept reports with revised typical sections and cost estimates. Project 2 consists of two, 12' lanes in each direction divided with a 44' depressed median. Project 3 consists of 7.4 miles of four lanes, divided with a 44' median and 1.3 miles of 14' flush median. Project 4 typical section consists of four lanes, divided with a 14' flush median. A cover letter is attached for each project with a recommendation for your information.

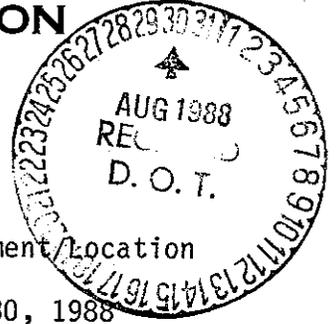
Please review the cost estimate for each report and give me your recommendations. These typical sections are the result of discussions with Mr. Rives and Mr. Byrom.

RLA/cj

Attachments

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE



FILE EDS-441(8), Project 2, 3 & 4  
Wheeler/Dodge/Laurens Counties

OFFICE Environment/Location

DATE August 30, 1988

FROM <sup>F25</sup> Frank L. Danchetz, P.E., State Environmental/Location Engineer

TO Robert L. Alston, Assistant Director of Pre-Construction

SUBJECT REVISED COST ESTIMATE

As requested, revised cost estimates for the above projects have been made. A description of the proposed concept and cost estimates follow for each project.

EDS-441(8) Project 2 - This project would begin where the North McRae Bypass (Project EDS-441(13)) ends near the entrance to Little Ocmulgee State Park and ends at S.R. 46 in Laurens County. Existing S.R. 31/U.S. 441 is 2 lanes with rural drainage through this section. The proposed concept would be to widen the existing roadway from 2 lanes to 4 lanes with a 44' median. The new lanes would be added to the east side. The total length of this project is 11.5 miles.

The estimated cost is as follows:

Right-of-Way - \$ 1,954,000  
Construction - \$11,139,000

EDS-441(8) Project 3 - This project would begin at S.R. 46 and ends at County Road 272. The existing typical section is 2 lanes from S.R. 46 to a point approximately 1.3 miles south of County Road 272 where an existing passing lane begins. The passing lane (which was constructed on the east side of the original roadway) continues north through the intersection with County Road 272 which is the end of this project.

The proposed concept would be to add 2 lanes and a 44' median to the east side through the 7.4 miles of existing 2 lanes. In the first curve north of where the passing lane begins, near Southwest Laurens Middle School, the typical section would transition to 5 lanes with rural drainage. This would be constructed symmetrically about the original centerline. The length of this section would be 1.3 miles. The estimated cost is as follows:

Right-of-Way - \$1,782,000  
Construction - \$7,975,000

EDS-441(8) Project 4 - This project would begin at County Road 272 and end just south of I-16. The existing typical section is two, three and four lanes. The passing lane that begins on Project 3 continues north from County Road 272 for a distance of approximately 2.2 miles. At the end the passing lane the existing road transitions to 2 lanes and continues to a point just north of Turkey Creek where a four lanes section begins. The four lane section continues to the end of the project at I-16. The length of the existing 2 lane section is 3.7 miles and the four lane section is 1.8 miles. The proposed concept would be to widen the existing road to 5 lanes with rural drainage except for a short section at County Road 521. At this location there is a church on the east side of the road and a cemetery on the west side. Through this section, which is approximately 500' in length, a 5-lane curb and gutter section is proposed to eliminate impacts to the church and cemetery.

The length of this project is 7.7 miles. The estimated cost is as follows:

Right-of-Way - \$3,159,000  
Construction - \$8,205,000

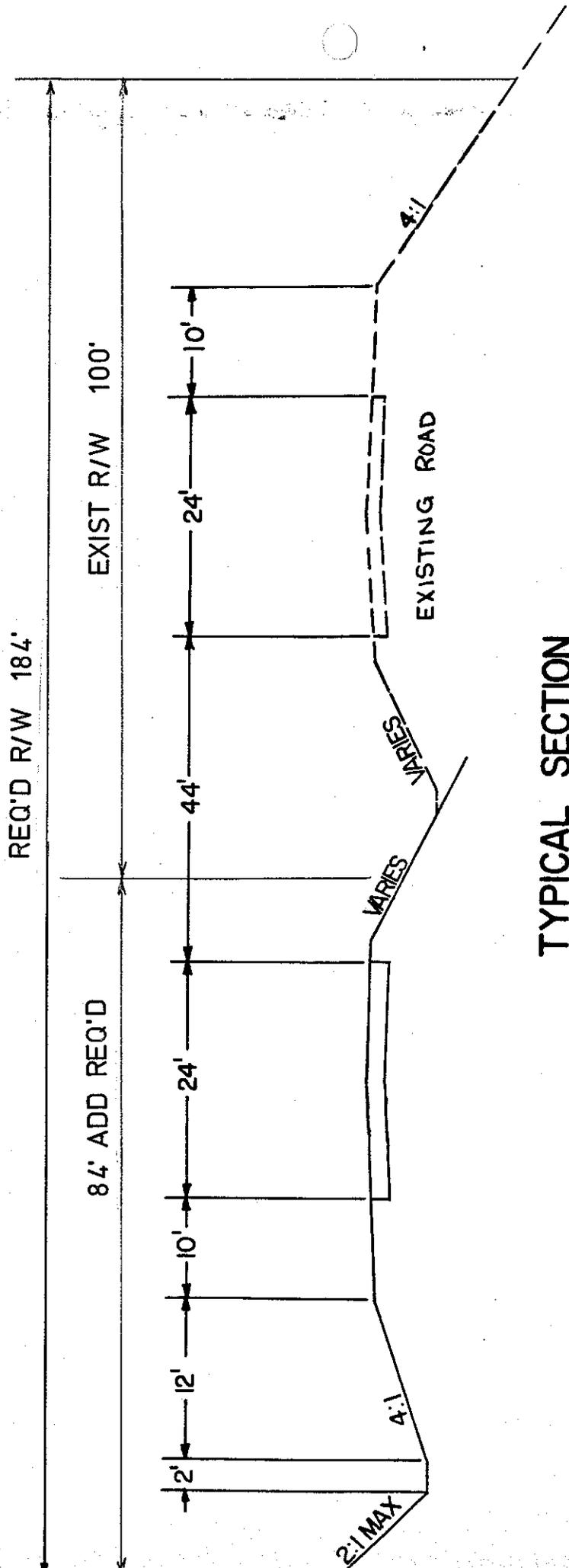
The construction cost for Project 4 does not include the bridge over Turkey Creek. That bridge is already in the construction program to be widened to 5 lanes. The project number is BHF-042-1(11).

All cost estimates have 10% added for inflation.

Existing right-of-way for the three projects is generally 100'. The 4 lanes with the 44' median typical section would require a minimum of 184' of right-of-way, an additional 84' on the side where the new lanes would be constructed. The 5 lane typical section would require a minimum of 150' of right-of-way, an additional 25' on each side except for the short section on Project 4 at County Road 521. Through that section (approximately 500 feet) no additional right-of-way would be required.

Let me know if you have questions or would like to discuss this information.

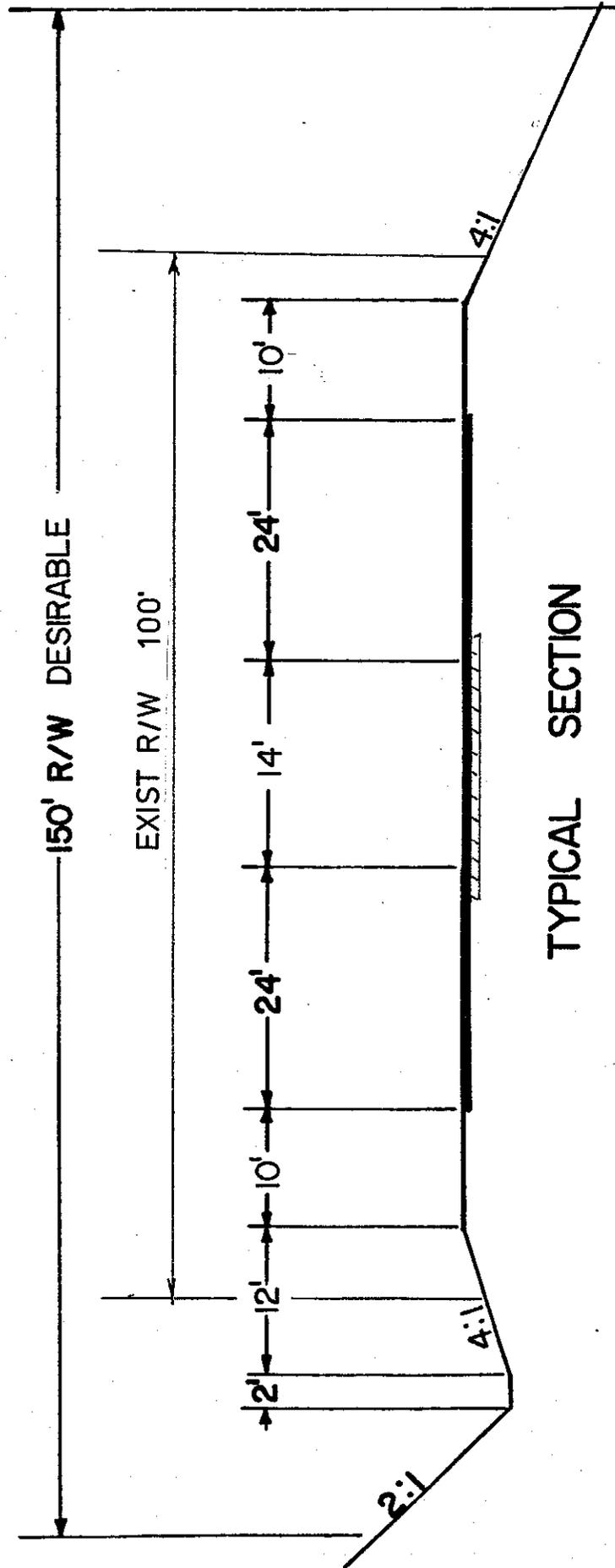
FLD/JLH/sb



**TYPICAL SECTION**

LITTLE OCMULGEE STATE PARK TO

SOUTHWEST LAURENS MIDDLE SCHOOL



TYPICAL SECTION

SOUTHWEST LAURENS MIDDLE SCHOOL

TO 1-16

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE



FILE EDS-441(8), Project 2, 3 & 4 OFFICE Environment/Location  
Wheeler/Dodge/Laurens Counties  
DATE August 30, 1988

FROM Frank L. <sup>Fly</sup>Danchetz, P.E., State Environmental/Location Engineer

TO Robert L. Alston, Assistant Director of Pre-Construction

SUBJECT REVISED COST ESTIMATE

As requested, revised cost estimates for the above projects have been made. A description of the proposed concept and cost estimates follow for each project.

EDS-441(8) Project 2 - This project would begin where the North McRae Bypass (Project EDS-441(13)) ends near the entrance to Little Ocmulgee State Park and ends at S.R. 46 in Laurens County. Existing S.R. 31/U.S. 441 is 2 lanes with rural drainage through this section. The proposed concept would be to widen the existing roadway from 2 lanes to 4 lanes with a 44' median. The new lanes would be added to the east side. The total length of this project is 11.5 miles.

The estimated cost is as follows:

Right-of-Way - \$ 1,954,000  
Construction - \$11,139,000

EDS-441(8) Project 3 - This project would begin at S.R. 46 and ends at County Road 272. The existing typical section is 2 lanes from S.R. 46 to a point approximately 1.3 miles south of County Road 272 where an existing passing lane begins. The passing lane (which was constructed on the east side of the original roadway) continues north through the intersection with County Road 272 which is the end of this project.

The proposed concept would be to add 2 lanes and a 44' median to the east side through the 7.4 miles of existing 2 lanes. In the first curve north of where the passing lane begins, near Southwest Laurens Middle School, the typical section would transition to 5 lanes with rural drainage. This would be constructed symmetrically about the original centerline. The length of this section would be 1.3 miles. The estimated cost is as follows:

Right-of-Way - \$1,782,000  
Construction - \$7,975,000

EDS-441(8) Project 4 - This project would begin at County Road 272 and end just south of I-16. The existing typical section is two, three and four lanes. The passing lane that begins on Project 3 continues north from County Road 272 for a distance of approximately 2.2 miles. At the end the passing lane the existing road transitions to 2 lanes and continues to a point just north of Turkey Creek where a four lanes section begins. The four lane section continues to the end of the project at I-16. The length of the existing 2 lane section is 3.7 miles and the four lane section is 1.8 miles. The proposed concept would be to widen the existing road to 5 lanes with rural drainage except for a short section at County Road 521. At this location there is a church on the east side of the road and a cemetery on the west side. Through this section, which is approximately 500' in length, a 5-lane curb and gutter section is proposed to eliminate impacts to the church and cemetery.

The length of this project is 7.7 miles. The estimated cost is as follows:

Right-of-Way - \$3,159,000  
Construction - \$8,205,000

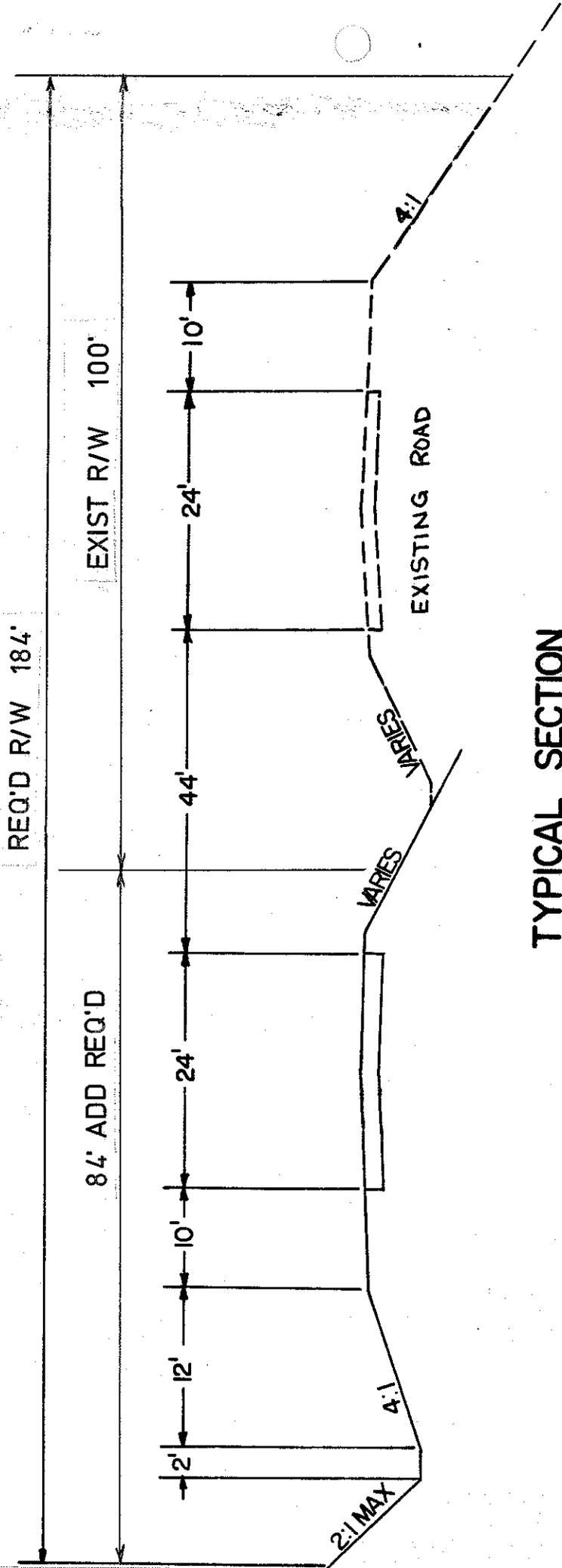
The construction cost for Project 4 does not include the bridge over Turkey Creek. That bridge is already in the construction program to be widened to 5 lanes. The project number is BHF-042-1(11).

All cost estimates have 10% added for inflation.

Existing right-of-way for the three projects is generally 100'. The 4 lanes with the 44' median typical section would require a minimum of 184' of right-of-way, an additional 84' on the side where the new lanes would be constructed. The 5 lane typical section would require a minimum of 150' of right-of-way, an additional 25' on each side except for the short section on Project 4 at County Road 521. Through that section (approximately 500 feet) no additional right-of-way would be required.

Let me know if you have questions or would like to discuss this information.

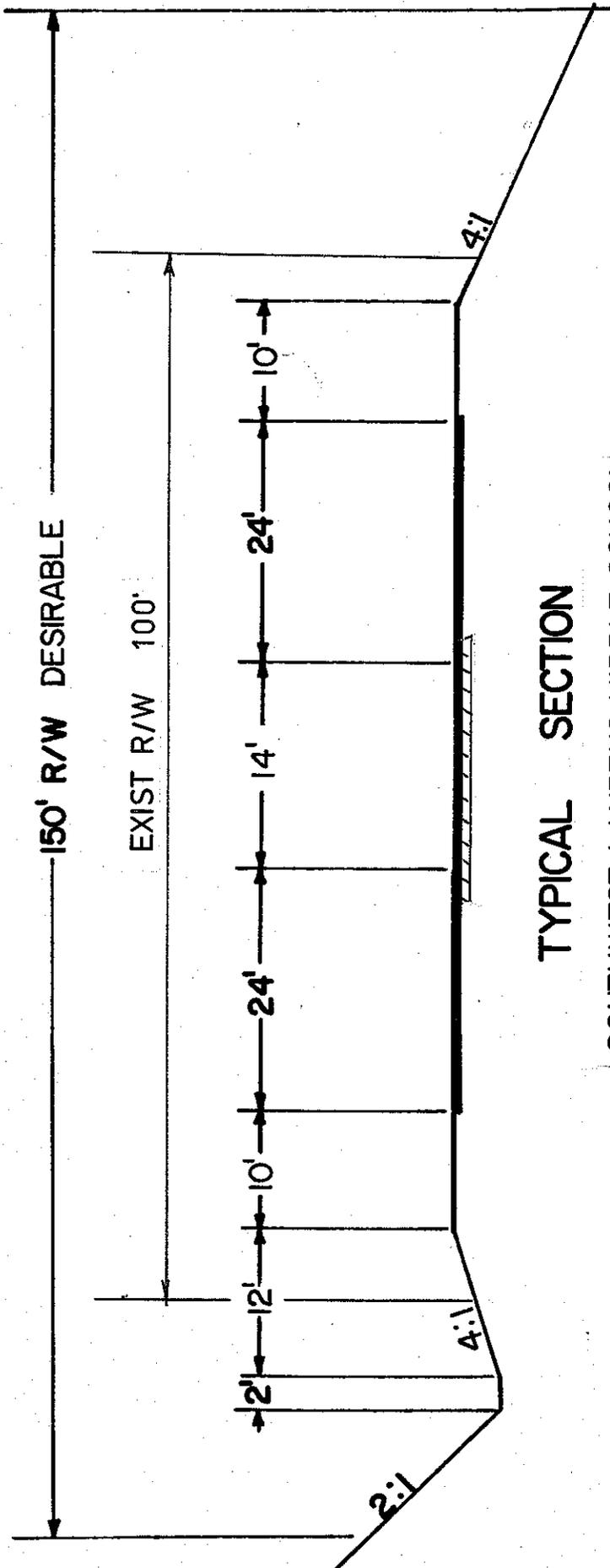
FLD/JLH/sb



**TYPICAL SECTION**

LITTLE OCMULGEE STATE PARK TO

SOUTHWEST LAURENS MIDDLE SCHOOL



TYPICAL SECTION

SOUTHWEST LAURENS MIDDLE SCHOOL

TO I-16

ROAD INFORMATION IN WHEELER COUNTY

SR 03100

AS OF 9/30/87

| MILE | NUM LAN | TRV WID | TRK PCT | A C | PACES RATING | R/W  | SHOULDER |         |            |        | ADD. LANE |    |    |    | ROAD NAME           | SIG | INV YR | YR IMP | TYP IMP | SUR TYP | O P              | DESCRIPTION      | T W |
|------|---------|---------|---------|-----|--------------|------|----------|---------|------------|--------|-----------|----|----|----|---------------------|-----|--------|--------|---------|---------|------------------|------------------|-----|
|      |         |         |         |     |              |      | LEFT WD  | RIGHT T | MEDIAN TYP | LFT WD | RGT TY    | WD | TY | WD |                     |     |        |        |         |         |                  |                  |     |
| 0000 | 2       | 24      | 08.4    | U   | ( )          | 100E | 07       | G       | 07         | G      | 0         | 00 | 00 | 00 |                     | 85  | 84     | 2      | I       | 2       | BEG TELFAIR 271  | 2                |     |
| 0026 | 2       | 24      | 04.8    | U   | 93(86)       | 100E | 07       | G       | 07         | G      | 0         | 00 | 00 | 00 | MCRAE-ALAMO RD      | A   | 85     | 84     | 2       | I       | 2                | SRV 003000 R     | 1   |
| 0042 | 2       | 24      | 04.8    | U   | 93(86)       | 100E | 07       | G       | 07         | G      | 0         | 00 | 00 | 00 |                     | 85  | 84     | 2      | I       | 2       | BRR00150 SCL RR  | 1                |     |
| 0059 | 2       | 24      | 04.8    | U   | 93(86)       | 100E | 07       | G       | 07         | G      | 0         | 00 | 00 | 00 | ERICK CHURCH RD     |     | 85     | 84     | 2       | I       | 2                | CRY 013200 R     | 1   |
| 0092 | 2       | 24      | 04.8    | U   | 93(86)       | 100E | 07       | G       | 07         | G      | 0         | 00 | 00 | 00 | STATE PARK RD # ONE |     | 85     | 84     | 2       | I       | 2                | CRT 013300 L     | 1   |
| 0106 | 2       | 24      | 04.8    | U   | 93(86)       | 100E | 07       | G       | 07         | G      | 0         | 00 | 00 | 00 |                     | 85  | 84     | 2      | I       | 2       | MP 001           | 1                |     |
| 0163 | 2       | 24      | 04.8    | U   | 93(86)       | 100E | 07       | G       | 07         | G      | 0         | 00 | 00 | 00 |                     | 85  | 84     | 2      | I       | 2       | CDS              | 1                |     |
| 0206 | 2       | 24      | 04.8    | U   | 93(86)       | 100E | 07       | G       | 07         | G      | 0         | 00 | 00 | 00 |                     | 85  | 84     | 2      | I       | 2       | MP 002           | 1                |     |
| 0220 | 2       | 24      | 04.8    | U   | 93(86)       | 100E | 07       | G       | 07         | G      | 0         | 00 | 00 | 00 |                     | 85  | 84     | 2      | I       | 2       | CDS              | 1                |     |
| 0310 | 2       | 24      | 04.8    | U   | 93(86)       | 100E | 07       | G       | 07         | G      | 0         | 00 | 00 | 00 |                     | 85  | 84     | 2      | I       | 2       | MP 003           | 1                |     |
| 0318 | 2       | 24      | 04.8    | U   | 93(86)       | 100E | 07       | G       | 07         | G      | 0         | 00 | 00 | 00 |                     | 85  | 84     | 2      | I       | 2       | CDS              | 1                |     |
| 0366 | 2       | 24      | 04.8    | U   | 93(86)       | 100E | 07       | G       | 07         | G      | 0         | 00 | 00 | 00 | RYAL'S STORE RD     |     | 85     | 84     | 2       | I       | 2                | CRX 013600       | 1   |
| 0369 | 2       | 24      | 04.8    | U   | 93(86)       | 100E | 07       | G       | 07         | G      | 0         | 00 | 00 | 00 |                     | 85  | 84     | 2      | I       | 2       | CDS              | 1                |     |
| 0390 | 2       | 24      | 04.8    | U   | 93(86)       | 100E | 07       | G       | 07         | G      | 0         | 00 | 00 | 00 |                     | 85  | 84     | 2      | I       | 2       | CDS              | 1                |     |
| 0408 | 2       | 24      | 04.8    | U   | 93(86)       | 100E | 07       | G       | 07         | G      | 0         | 00 | 00 | 00 |                     | 85  | 84     | 2      | I       | 2       | MP 004           | 1                |     |
| 0418 | 2       | 24      | 04.8    | U   | 93(86)       | 100E | 07       | G       | 07         | G      | 0         | 00 | 00 | 00 |                     | 85  | 84     | 2      | I       | 2       | CDS              | 1                |     |
| 0436 | 2       | 24      | 04.8    | U   | 93(86)       | 100E | 07       | G       | 07         | G      | 0         | 00 | 00 | 00 |                     | 85  | 84     | 2      | I       | 2       |                  | 1                |     |
| 0462 | 2       | 24      | 04.8    | U   | 93(86)       | 100E | 07       | G       | 07         | G      | 0         | 00 | 00 | 00 | W J GRIMES FARM RD  |     | 85     | 84     | 2       | I       | 2                | CRX 014800       | 1   |
| 0473 | 2       | 24      | 04.8    | U   | 93(86)       | 100E | 07       | G       | 07         | G      | 0         | 00 | 00 | 00 |                     | 85  | 84     | 2      | I       | 2       | BRC DBL 8X5 (RCB | 1                |     |
| 0504 | 2       | 24      | 04.8    | U   | 93(86)       | 100E | 07       | G       | 07         | G      | 0         | 00 | 00 | 00 | MT OLIVET CHURCH RD |     | 85     | 84     | 2       | I       | 2                | CRX 014000R&180L | 1   |
| 0511 | 2       | 24      | 04.8    | U   | 93(86)       | 100E | 07       | G       | 07         | G      | 0         | 00 | 00 | 00 |                     | 85  | 84     | 2      | I       | 2       | MP 005           | 1                |     |
| 0523 | 2       | 24      | 04.8    | U   | 93(86)       | 100E | 07       | G       | 07         | G      | 0         | 00 | 00 | 00 |                     | 85  | 84     | 2      | I       | 2       | CDS              | 1                |     |
| 0572 | 2       | 24      | 04.8    | U   | 93(86)       | 100E | 07       | G       | 07         | G      | 0         | 00 | 00 | 00 |                     | 85  | 84     | 2      | I       | 2       | END DODGE 191    | 1                |     |

ROAD INFORMATION IN DODGE COUNTY

SR 003100

AS OF 9/30/87

| MILE | NUM LAN | TRV WID | TRK PCT | A C | PACES RATING | R/W  | SHOULDER |         |            |        | ADD. LANE |    |    |    | ROAD NAME      | SIG | INV YR | YR IMP | TYP IMP | SUR TYP | O P              | DESCRIPTION  | T W |
|------|---------|---------|---------|-----|--------------|------|----------|---------|------------|--------|-----------|----|----|----|----------------|-----|--------|--------|---------|---------|------------------|--------------|-----|
|      |         |         |         |     |              |      | LEFT WD  | RIGHT T | MEDIAN TYP | LFT WD | RGT TY    | WD | TY | WD |                |     |        |        |         |         |                  |              |     |
| 0000 | 2       | 24      | 04.8    | U   | 95(86)       | 100E | 08       | G       | 08         | G      | 0         | 00 | 00 | 00 |                | 86  | 82     | 2      | I       | 2       | BEG WHEELER CO L | 1            |     |
| 0001 | 2       | 24      | 04.8    | U   | 95(86)       | 100E | 08       | G       | 08         | G      | 0         | 00 | 00 | 00 | DYLES STILL RD |     | 86     | 82     | 2       | I       | 2                | CRT 027500 L | 1   |
| 0070 | 2       | 24      | 04.8    | U   | 95(86)       | 100E | 08       | G       | 08         | G      | 0         | 00 | 00 | 00 | PAUL UMPHRY RD |     | 86     | 82     | 2       | I       | 2                | CRT 021600 R | 1   |
| 0100 | 2       | 24      | 04.8    | U   | 95(86)       | 100E | 08       | G       | 08         | G      | 0         | 00 | 00 | 00 |                | 86  | 82     | 2      | I       | 2       | MP 001           | 1            |     |



ROAD INFORMATION IN LAURENS COUNTY

SR 0-3100

AS OF 9/30/87

| MILE | NUM LAN | TRV WID | TRK PCT | A C | PACES RATING | R/W  | SHOULDER |         |            |    | ADD. LANE |    |        |      | ROAD NAME            | SIG | INV YR | YR IMP | TYP IMP | SUR TYP | O P | DESCRIPTION | T W    |     |   |
|------|---------|---------|---------|-----|--------------|------|----------|---------|------------|----|-----------|----|--------|------|----------------------|-----|--------|--------|---------|---------|-----|-------------|--------|-----|---|
|      |         |         |         |     |              |      | LEFT WD  | RIGHT T | MEDIAN TYP | WD | LFT TY    | WD | RGT TY | WD   |                      |     |        |        |         |         |     |             |        |     |   |
| 1822 | 2       | 24      | 00.0    | U   | 95(86)       | 100E | 07       | G       | 07         | G  | 0         | 00 | 00     | 00   | 00                   | 00  | 85     | 82     | 2       | I       | 2   | CRT         | 030200 | L   | 1 |
| 1864 | 2       | 24      | 00.0    | U   | 95(86)       | 100E | 07       | G       | 07         | G  | 0         | 00 | 00     | 00   | 00                   | 00  | 85     | 82     | 2       | I       | 2   | CRT         | 029200 | L   | 1 |
| 1893 | 2       | 24      | 00.0    | U   | 95(86)       | 100E | 07       | G       | 07         | G  | 0         | 00 | 00     | 00   | 00                   | 00  | 85     | 82     | 2       | I       | 2   | CRY         | 052100 | R   | 1 |
| 1909 | 2       | 24      | 00.0    | U   | 95(86)       | 100E | 07       | G       | 07         | G  | 0         | 00 | 00     | 00   | 00                   | 00  | 85     | 82     | 2       | I       | 2   | MP          | 019    |     | 1 |
| 1924 | 2       | 24      | 00.0    | U   | 95(86)       | 100E | 05       | G       | 05         | G  | 0         | 00 | 00     | 00   | 00                   | 00  | 85     | 82     | 2       | I       | 2   | BR500300    | TURKEY | CR1 | 1 |
| 1938 | 4       | 24      | 00.0    | U   | 95(86)       | 100E | 05       | G       | 05         | G  | 0         | 00 | E 12   | E 12 |                      |     | 85     | 82     | 2       | I       | 2   |             |        |     | 1 |
| 1951 | 4       | 24      | 00.0    | U   | 95(86)       | 100E | 05       | G       | 05         | G  | 0         | 00 | E 12   | E 12 | PINETUCKY CAMP RD    |     | 85     | 82     | 2       | I       | 2   | CRY         | 015700 | R   | 1 |
| 2010 | 4       | 24      | 00.0    | U   | 95(86)       | 100E | 05       | G       | 05         | G  | 0         | 00 | E 12   | E 12 |                      |     | 85     | 82     | 2       | I       | 2   | MP          | 020    |     | 1 |
| 2032 | 4       | 24      | 00.0    | U   | 95(86)       | 100E | 05       | G       | 05         | G  | 0         | 00 | E 12   | E 12 | BUD MCGOWAN RD       |     | 85     | 82     | 2       | I       | 2   | CRY         | 035500 | L   | 1 |
| 2075 | 4       | 24      | 00.0    | U   | 95(86)       | 100E | 05       | G       | 05         | G  | 0         | 00 | E 12   | E 12 | JIM MCGOWAN RD       |     | 85     | 82     | 2       | I       | 2   | CRT         | 035600 | L   | 1 |
| 2110 | 4       | 24      | 00.0    | U   | 95(86)       | 100E | 05       | G       | 05         | G  | 0         | 00 | E 12   | E 12 |                      |     | 85     | 82     | 2       | I       | 2   | MP          | 021    |     | 1 |
| 2135 | 4       | 48      | 00.0    | U   | 95(86)       | 100E | 00       | N       | 07         | G  | 1         | 36 |        |      |                      |     | 85     | 82     | 2       | I       | 2   |             |        |     | 1 |
| 2144 | 4       | 48      | 00.0    | U   | 95(86)       | 100E | 00       | N       | 07         | G  | 1         | 36 |        |      | NEW BETHEL CHURCH RD |     | 85     | 82     | 2       | I       | 2   | CRY         | 035400 | L   | 1 |
| 2146 | 4       | 48      | 00.0    | U   | 95(86)       | 100E | 00       | N       | 07         | G  | 1         | 36 |        |      |                      |     | 85     | 82     | 2       | I       | 2   | INB         | 014    |     | 1 |
| 2147 | 4       | 48      | 00.0    | U   | 95(86)       | 100E | 00       | N       | 07         | G  | 1         | 36 |        |      | PINE HILL RD         |     | 85     | 82     | 2       | I       | 2   | CRY         | 052300 | R   | 1 |
| 2155 | 4       | 48      | 00.0    | U   | 72(86)       | 100E | 00       | N       | 07         | G  | 1         | 36 |        |      | I-16                 |     | 85     | 82     | 2       | I       | 2   | BRH00310    | SR 404 |     | 1 |
| 2156 | 4       | 48      | 00.0    | U   | 72(86)       | 100E | 00       | N       | 07         | G  | 1         | 36 |        |      | I-16                 |     | 85     | 82     | 2       | I       | 2   | BRH00320    | SR404  |     | 1 |
| 2164 | 4       | 72      | 00.0    | U   | 72(86)       | 100E | 00       | N       | 00         | C  | 1         | 38 |        |      |                      |     | 85     | 82     | 2       | I       | 2   |             |        |     | 1 |
| 2167 | 4       | 72      | 00.0    | U   | 72(86)       | 100E | 00       | N       | 00         | C  | 1         | 38 |        |      |                      |     | 85     | 82     | 2       | I       | 2   | INE         | 014    |     | 1 |
| 2178 | 4       | 56      | 00.0    | U   | 72(86)       | 100E | 00       | C       | 00         | C  | 0         | 00 | 00     | D 19 |                      | 85  | 82     | 2      | I       | 2       |     |             |        |     | 1 |

4812 Pinetucky Camp Rd

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA



INTERDEPARTMENT CORRESPONDENCE

FILE

OFFICE Chamblee Georgia

DATE May 12, 1988

FROM Herman T. Griffin, P.E., Chief, Planning Data Services Bureau

TO Bob Alston, Assistant Director of Pre-Construction

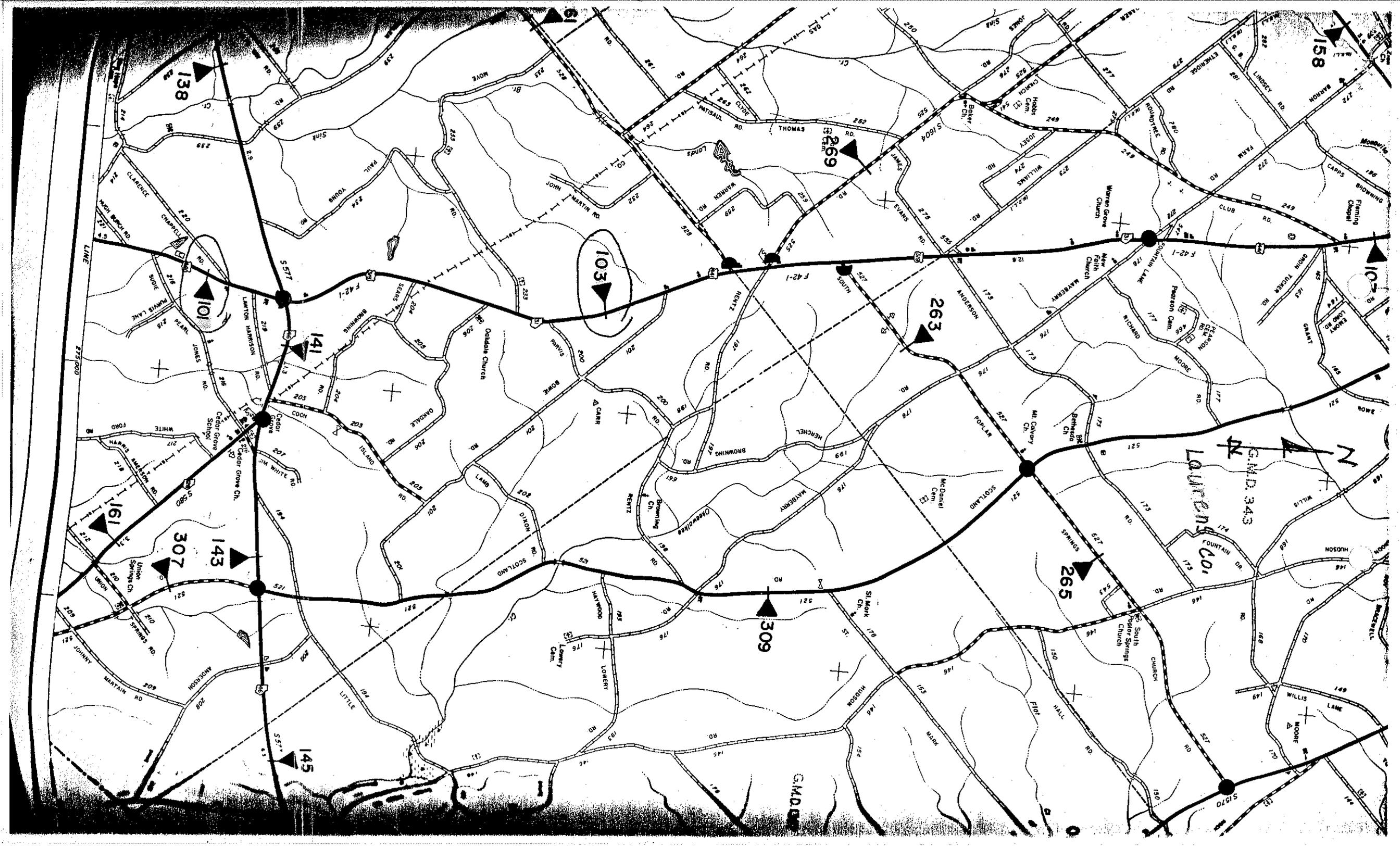
SUBJECT Traffic Counts - Lauren County and Wheeler County

Attached are the subejct counts requested by your office on April 27, 1988.

If you have any questions concerning this data, please advise.

DB:sn  
Attachments

cc: Bob Seago



Volume by Vehicle Type Report

\*\*\*\*\*  
 Data File : D0502003.PRN  
 Station : 000015132224  
 Identification : 175003110101  
 Start date : May 2, 88  
 Stop date : May 3, 88  
 City/Town : SPL  
 Location : SR 31 NORTH OF CR 216 DIR NORTH  
 \*\*\*\*\*  
 Lanes 1-1 are Northbound  
 \*\*\*\*\*

Interval : 60 minutes  
 Start time : 09:00  
 Stop time : 09:00  
 County : LAURENS BY BC

| Vehicle Type    | Cycle | Cars | 2a-4T | Buses | 2A-SU | 3A-SU | 4A-SU | 4A-ST | 5A-ST | 6A-ST | 5A-MT | 6A-MT | 7A-MT | None | Other | Total |
|-----------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| 10:00           | 1     | 50   | 7     | 0     | 1     | 0     | 0     | 1     | 8     | 0     | 0     | 0     | 0     | 0    | 11    | 79    |
| 11:00           | 4     | 57   | 9     | 0     | 0     | 1     | 0     | 7     | 7     | 0     | 0     | 0     | 0     | 0    | 13    | 98    |
| 12:00           | 0     | 47   | 8     | 1     | 1     | 1     | 0     | 1     | 12    | 0     | 0     | 0     | 0     | 0    | 7     | 78    |
| 13:00           | 1     | 43   | 8     | 0     | 1     | 0     | 0     | 6     | 11    | 0     | 0     | 0     | 0     | 0    | 4     | 74    |
| 14:00           | 0     | 41   | 10    | 0     | 0     | 1     | 0     | 2     | 11    | 0     | 0     | 0     | 0     | 0    | 0     | 65    |
| 15:00           | 2     | 36   | 12    | 0     | 3     | 1     | 0     | 1     | 10    | 0     | 0     | 0     | 0     | 0    | 0     | 65    |
| 16:00           | 0     | 61   | 5     | 1     | 1     | 1     | 0     | 0     | 8     | 1     | 0     | 0     | 0     | 0    | 3     | 70    |
| 17:00           | 0     | 45   | 12    | 0     | 2     | 0     | 0     | 1     | 7     | 0     | 0     | 0     | 0     | 0    | 1     | 75    |
| 18:00           | 1     | 48   | 9     | 0     | 1     | 0     | 0     | 3     | 11    | 1     | 0     | 0     | 0     | 0    | 1     | 54    |
| 19:00           | 0     | 26   | 9     | 0     | 2     | 0     | 0     | 6     | 9     | 1     | 0     | 0     | 0     | 0    | 0     | 33    |
| 20:00           | 0     | 19   | 11    | 0     | 0     | 0     | 0     | 1     | 2     | 0     | 0     | 0     | 0     | 0    | 2     | 32    |
| 21:00           | 2     | 16   | 7     | 0     | 0     | 0     | 0     | 0     | 5     | 0     | 0     | 0     | 0     | 0    | 2     | 37    |
| 22:00           | 1     | 16   | 2     | 0     | 1     | 0     | 0     | 1     | 14    | 0     | 0     | 0     | 0     | 0    | 0     | 27    |
| 23:00           | 0     | 20   | 2     | 0     | 0     | 0     | 0     | 1     | 4     | 0     | 0     | 0     | 0     | 0    | 0     | 28    |
| 24:00           | 0     | 16   | 1     | 1     | 0     | 0     | 0     | 1     | 6     | 1     | 0     | 0     | 0     | 0    | 0     | 14    |
| Tue - May 3, 88 |       |      |       |       |       |       |       |       |       |       |       |       |       |      |       | 12    |
| 01:00           | 0     | 5    | 0     | 0     | 0     | 0     | 0     | 0     | 4     | 0     | 0     | 0     | 0     | 0    | 0     | 9     |
| 02:00           | 0     | 6    | 0     | 0     | 0     | 0     | 0     | 0     | 3     | 0     | 0     | 0     | 0     | 0    | 0     | 33    |
| 03:00           | 0     | 1    | 0     | 0     | 1     | 0     | 0     | 2     | 5     | 0     | 0     | 0     | 0     | 0    | 1     | 19    |
| 04:00           | 0     | 21   | 1     | 0     | 0     | 0     | 0     | 2     | 7     | 1     | 0     | 0     | 0     | 0    | 1     | 24    |
| 05:00           | 0     | 7    | 2     | 0     | 2     | 0     | 0     | 2     | 5     | 0     | 0     | 0     | 0     | 0    | 1     | 43    |
| 06:00           | 0     | 7    | 3     | 0     | 1     | 0     | 0     | 4     | 8     | 0     | 0     | 0     | 0     | 0    | 1     | 62    |
| 07:00           | 0     | 25   | 8     | 0     | 0     | 0     | 0     | 3     | 6     | 0     | 0     | 0     | 0     | 0    | 0     | 66    |
| 08:00           | 0     | 42   | 12    | 0     | 0     | 0     | 0     | 0     | 8     | 0     | 0     | 0     | 0     | 0    | 0     | 66    |
| 09:00           | 0     | 41   | 3     | 1     | 6     | 0     | 0     | 3     | 12    | 0     | 0     | 0     | 0     | 0    | 0     | 66    |
| Grand Totals    |       | 12   | 696   | 141   | 4     | 23    | 5     | 0     | 55    | 183   | 5     | 0     | 0     | 0    | 0     | 51    |
| Percentages     |       | 1.0  | 59.2  | 12.0  | 0.3   | 2.0   | 0.4   | 0.0   | 4.7   | 15.6  | 0.4   | 0.0   | 0.0   | 0.0  | 0.0   | 4.3   |

23.4% Avg  
 2.7%

Volume by Vehicle Type Report

\*\*\*\*\*  
 Data File : D0502004.PRN  
 Station : 000035132101  
 Identification : 175003110101  
 Start date : May 2, 88  
 Stop date : May 3, 88  
 City/Town : PL  
 Location : SR 31 NORTH OF CR 216 DIR SOUTH  
 \*\*\*\*\*  
 Interval : 60 minutes  
 Start time : 09:00  
 Stop time : 09:00  
 County : LAURENS BY EC  
 \*\*\*\*\*  
 Lanes 1-1 are Southbound  
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Mon - May 2, 88

| Vehicle Type    | Cycle | Cars | 2s-4I | Buses | 2A-8U | 3A-8U | 4A-SU | 4A-ST | 5A-ST | 6A-ST | 5A-MT | 6A-MT | 7A-MT | None | Other | Total |
|-----------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| 10:00           | 0     | 41   | 4     | 0     | 2     | 2     | 0     | 4     | 7     | 1     | 0     | 0     | 0     | 0    | 1     | 62    |
| 11:00           | 1     | 26   | 10    | 0     | 2     | 0     | 0     | 1     | 5     | 2     | 0     | 0     | 0     | 0    | 1     | 48    |
| 12:00           | 2     | 30   | 6     | 0     | 1     | 4     | 0     | 1     | 14    | 0     | 0     | 0     | 0     | 0    | 1     | 59    |
| 13:00           | 0     | 40   | 3     | 0     | 2     | 0     | 0     | 4     | 11    | 0     | 0     | 0     | 0     | 0    | 0     | 60    |
| 14:00           | 0     | 33   | 8     | 0     | 0     | 0     | 0     | 3     | 9     | 0     | 0     | 0     | 0     | 0    | 0     | 53    |
| 15:00           | 0     | 51   | 5     | 1     | 2     | 1     | 0     | 0     | 6     | 1     | 0     | 0     | 0     | 0    | 1     | 68    |
| 16:00           | 0     | 46   | 7     | 1     | 1     | 0     | 0     | 3     | 11    | 0     | 0     | 0     | 0     | 0    | 1     | 70    |
| 17:00           | 0     | 50   | 12    | 0     | 2     | 0     | 0     | 2     | 6     | 0     | 0     | 0     | 0     | 0    | 0     | 72    |
| 18:00           | 0     | 60   | 13    | 0     | 2     | 0     | 0     | 1     | 8     | 0     | 0     | 0     | 0     | 0    | 0     | 84    |
| 19:00           | 1     | 46   | 4     | 0     | 0     | 1     | 0     | 0     | 6     | 1     | 0     | 0     | 0     | 0    | 0     | 59    |
| 20:00           | 0     | 23   | 9     | 0     | 1     | 0     | 0     | 1     | 7     | 0     | 0     | 0     | 0     | 0    | 2     | 43    |
| 21:00           | 0     | 29   | 2     | 0     | 0     | 0     | 0     | 1     | 4     | 1     | 0     | 0     | 0     | 0    | 3     | 40    |
| 22:00           | 0     | 13   | 2     | 0     | 0     | 0     | 0     | 2     | 5     | 0     | 0     | 0     | 0     | 0    | 0     | 22    |
| 23:00           | 0     | 12   | 5     | 0     | 0     | 0     | 0     | 2     | 1     | 0     | 0     | 0     | 0     | 0    | 1     | 21    |
| 24:00           | 0     | 8    | 2     | 0     | 0     | 1     | 1     | 4     | 7     | 0     | 0     | 0     | 0     | 0    | 3     | 26    |
| Tue - May 3, 88 |       |      |       |       |       |       |       |       |       |       |       |       |       |      |       |       |
| 01:00           | 1     | 5    | 1     | 0     | 0     | 0     | 0     | 0     | 3     | 0     | 0     | 0     | 0     | 0    | 1     | 11    |
| 02:00           | 0     | 2    | 3     | 0     | 0     | 0     | 0     | 2     | 3     | 0     | 0     | 0     | 0     | 0    | 0     | 10    |
| 03:00           | 0     | 2    | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0    | 0     | 4     |
| 04:00           | 0     | 1    | 2     | 0     | 0     | 0     | 0     | 4     | 5     | 0     | 0     | 0     | 0     | 0    | 1     | 13    |
| 05:00           | 0     | 0    | 1     | 0     | 0     | 0     | 0     | 11    | 3     | 1     | 0     | 0     | 0     | 0    | 1     | 17    |
| 06:00           | 0     | 4    | 2     | 0     | 1     | 0     | 0     | 4     | 4     | 1     | 0     | 0     | 0     | 0    | 0     | 16    |
| 07:00           | 0     | 15   | 2     | 0     | 3     | 0     | 0     | 2     | 3     | 0     | 0     | 0     | 0     | 0    | 0     | 25    |
| 08:00           | 0     | 23   | 3     | 0     | 0     | 0     | 0     | 5     | 10    | 1     | 0     | 0     | 0     | 0    | 2     | 44    |
| 09:00           | 0     | 38   | 5     | 2     | 3     | 0     | 0     | 1     | 8     | 0     | 0     | 0     | 0     | 0    | 1     | 58    |
| Grand Totals    | 5     | 598  | 111   | 4     | 22    | 9     | 1     | 59    | 147   | 9     | 0     | 0     | 0     | 0    | 20    | 985   |
| Percentages     | 0.5   | 60.7 | 11.3  | 0.4   | 2.2   | 0.9   | 0.1   | 6.0   | 14.9  | 0.9   | 0.0   | 0.0   | 0.0   | 0.0  | 2.0   |       |

25.7% SB

Volume by Vehicle Type Report

\*\*\*\*\*  
 Data File : D0502005.PRN  
 Station : 000015131150  
 Identification : 1750003110103  
 Start date : May 2, 88  
 Stop date : May 3, 88  
 City/Town : SPL  
 Location : SR 31 SOUTH OF CR 201 DIR NORTH  
 \*\*\*\*\*  
 Interval : 60 minutes  
 Start time : 10:00  
 Stop time : 10:00  
 County : LAURENS BY BC  
 \*\*\*\*\*  
 Lanes 1-1 are Northbound  
 \*\*\*\*\*

Mon - May 2, 88

| Vehicle Type | Cycle | Cars | 2a-4T Buses | 2A-SU | 3A-SU | 4A-SU | 5A-ST | 6A-ST | 5A-HT | 6A-HT | 7A-HT | None | Other | Total |
|--------------|-------|------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| 11:00        | 2     | 57   | 12          | 0     | 0     | 6     | 2     | 0     | 0     | 0     | 0     | 0    | 13    | 92    |
| 12:00        | 0     | 41   | 8           | 0     | 0     | 3     | 8     | 1     | 0     | 0     | 0     | 0    | 5     | 66    |
| 13:00        | 0     | 40   | 9           | 0     | 2     | 3     | 14    | 0     | 0     | 0     | 0     | 0    | 3     | 71    |
| 14:00        | 0     | 51   | 10          | 1     | 3     | 2     | 9     | 0     | 0     | 0     | 0     | 0    | 1     | 77    |
| 15:00        | 2     | 28   | 9           | 0     | 2     | 2     | 10    | 0     | 0     | 0     | 0     | 0    | 0     | 54    |
| 16:00        | 0     | 49   | 7           | 0     | 0     | 2     | 5     | 1     | 0     | 0     | 0     | 0    | 0     | 65    |
| 17:00        | 0     | 44   | 13          | 0     | 4     | 0     | 1     | 10    | 0     | 0     | 0     | 0    | 3     | 75    |
| 18:00        | 0     | 38   | 4           | 0     | 0     | 4     | 10    | 0     | 0     | 0     | 0     | 0    | 1     | 57    |
| 19:00        | 0     | 24   | 10          | 0     | 2     | 0     | 9     | 1     | 0     | 0     | 0     | 0    | 2     | 53    |
| 20:00        | 0     | 20   | 10          | 0     | 0     | 0     | 2     | 0     | 0     | 0     | 0     | 0    | 0     | 33    |
| 21:00        | 0     | 20   | 6           | 0     | 1     | 0     | 5     | 0     | 0     | 0     | 0     | 0    | 1     | 35    |
| 22:00        | 0     | 11   | 2           | 0     | 1     | 0     | 12    | 0     | 0     | 0     | 0     | 0    | 1     | 27    |
| 23:00        | 0     | 13   | 2           | 0     | 0     | 1     | 6     | 0     | 0     | 0     | 0     | 0    | 0     | 22    |
| 24:00        | 2     | 10   | 1           | 0     | 1     | 0     | 8     | 0     | 0     | 0     | 0     | 0    | 0     | 23    |

Tue - May 3, 88

|              |     |      |      |     |     |     |     |      |     |     |     |     |     |      |
|--------------|-----|------|------|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|------|
| 01:00        | 0   | 3    | 0    | 0   | 0   | 2   | 4   | 0    | 0   | 0   | 0   | 0   | 0   | 9    |
| 02:00        | 0   | 3    | 2    | 0   | 0   | 4   | 3   | 0    | 0   | 0   | 0   | 0   | 0   | 12   |
| 03:00        | 0   | 1    | 0    | 0   | 1   | 0   | 5   | 0    | 0   | 0   | 0   | 0   | 0   | 9    |
| 04:00        | 0   | 2    | 1    | 0   | 0   | 2   | 7   | 1    | 0   | 0   | 0   | 0   | 0   | 13   |
| 05:00        | 2   | 7    | 1    | 1   | 2   | 0   | 4   | 0    | 0   | 0   | 0   | 0   | 0   | 17   |
| 06:00        | 1   | 7    | 3    | 0   | 1   | 3   | 7   | 0    | 0   | 0   | 0   | 0   | 3   | 26   |
| 07:00        | 0   | 37   | 8    | 0   | 0   | 2   | 6   | 0    | 0   | 0   | 0   | 0   | 0   | 53   |
| 08:00        | 1   | 70   | 18   | 0   | 2   | 1   | 4   | 0    | 0   | 0   | 0   | 0   | 0   | 96   |
| 09:00        | 0   | 59   | 3    | 0   | 6   | 0   | 8   | 0    | 0   | 0   | 0   | 0   | 1   | 79   |
| 10:00        | 2   | 40   | 7    | 0   | 1   | 0   | 14  | 0    | 0   | 0   | 0   | 0   | 2   | 67   |
| Grand Totals | 12  | 675  | 146  | 2   | 29  | 6   | 49  | 172  | 4   | 0   | 0   | 0   | 36  | 1131 |
| Percentages  | 1.1 | 59.7 | 12.9 | 0.2 | 2.6 | 0.5 | 4.3 | 15.2 | 0.4 | 0.0 | 0.0 | 0.0 | 3.2 |      |

T = ~~226~~ 226 NB  
 23.26 NB

Volume by Vehicle Type Report

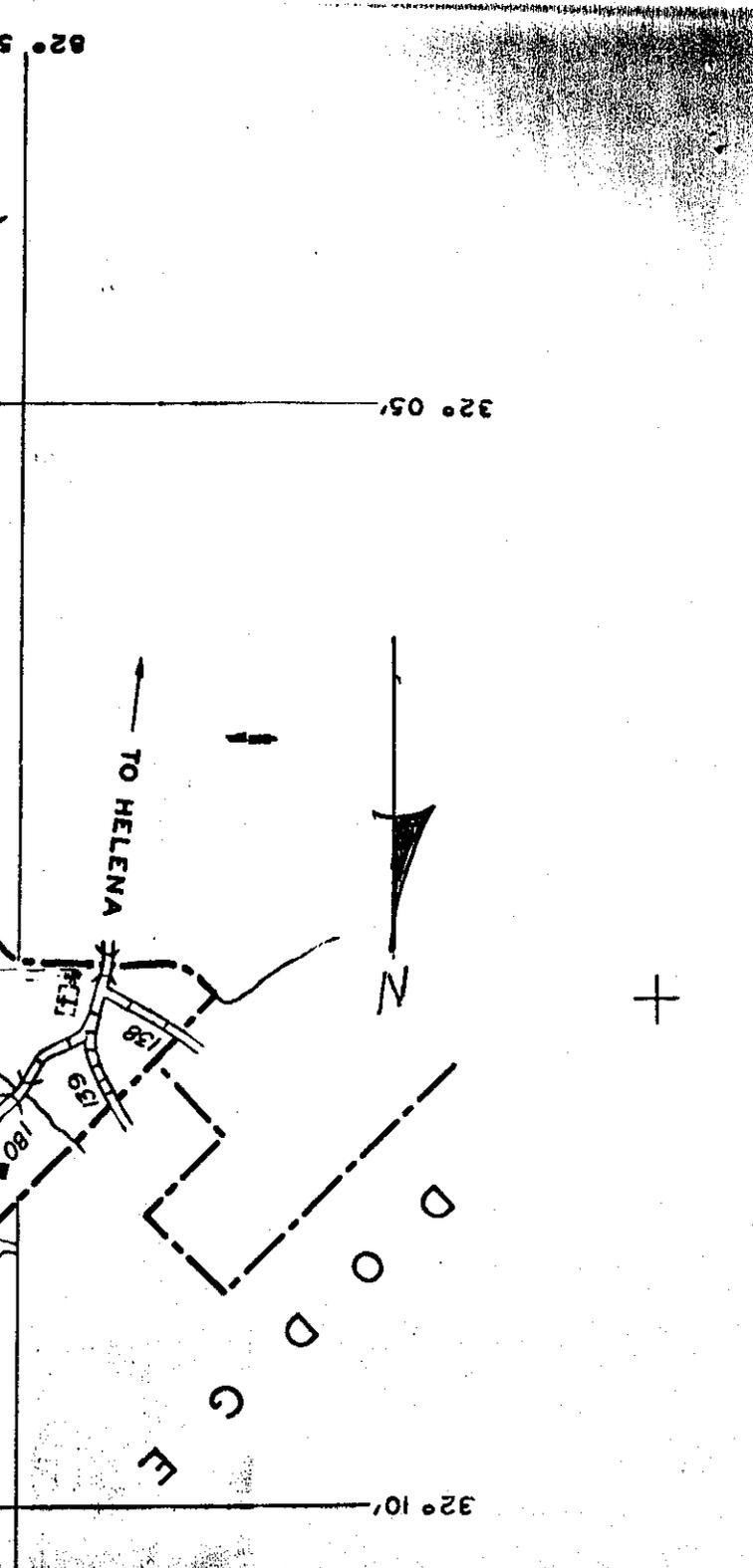
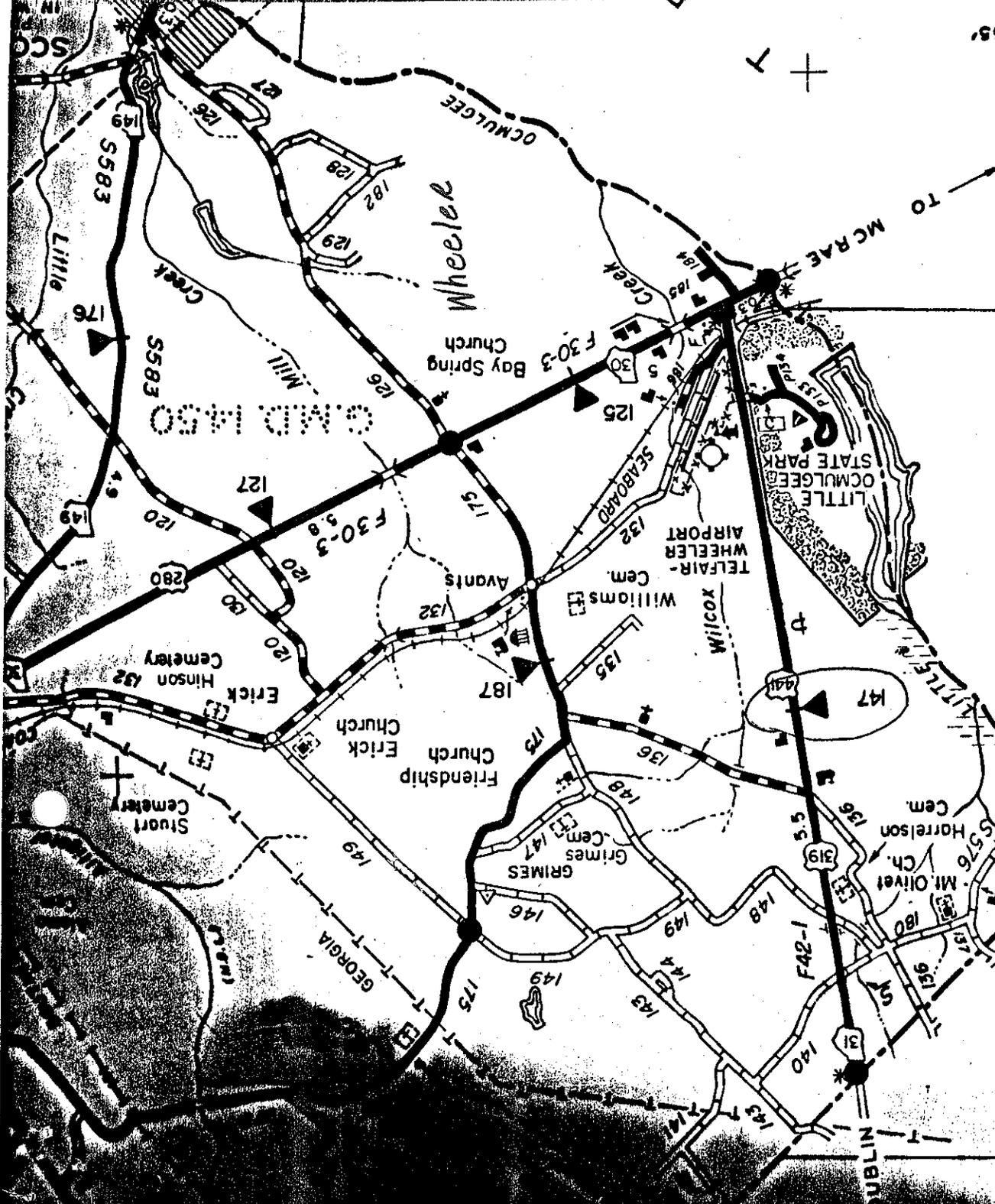
\*\*\*\*\*  
 Data File : D0502006.PRN  
 Station : 000035132120  
 Identification : 175003110103  
 Start date : May 2, 88  
 Stop date : May 3, 88  
 City/Town : SPL  
 Location : SR 31 SOUTH OF CR 201 DIR SOUTH  
 County : LAURENS BY BC  
 Interval : 60 minutes  
 Start time : 10:00  
 Stop time : 10:00  
 \*\*\*\*\*  
 Lanes 1-1 are Southbound

Mon - May 2, 88

| Vehicle Type    | Cycle | Cars | 2a-4T | Buses | 2A-SU | 3A-SU | 4A-SU | 4A-ST | 5A-ST | 6A-ST | 5A-MT | 6A-MT | 7A-MT | None | Other | Total |
|-----------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| 11:00           | 1     | 30   | 4     | 0     | 2     | 1     | 0     | 0     | 4     | 2     | 0     | 0     | 0     | 0    | 1     | 45    |
| 12:00           | 1     | 36   | 7     | 0     | 1     | 3     | 0     | 1     | 11    | 1     | 0     | 0     | 0     | 0    | 1     | 62    |
| 13:00           | 0     | 45   | 3     | 0     | 4     | 0     | 0     | 2     | 10    | 0     | 0     | 0     | 0     | 0    | 0     | 64    |
| 14:00           | 0     | 39   | 8     | 0     | 0     | 0     | 0     | 2     | 7     | 0     | 0     | 0     | 0     | 0    | 0     | 55    |
| 15:00           | 0     | 56   | 3     | 1     | 1     | 1     | 0     | 0     | 5     | 0     | 0     | 0     | 0     | 0    | 3     | 70    |
| 16:00           | 0     | 44   | 10    | 0     | 3     | 0     | 0     | 2     | 10    | 1     | 0     | 0     | 0     | 0    | 0     | 70    |
| 17:00           | 0     | 57   | 12    | 0     | 1     | 0     | 0     | 3     | 4     | 0     | 0     | 0     | 0     | 0    | 1     | 78    |
| 18:00           | 0     | 74   | 12    | 0     | 0     | 0     | 0     | 1     | 6     | 0     | 0     | 0     | 0     | 0    | 0     | 93    |
| 19:00           | 1     | 56   | 7     | 0     | 1     | 1     | 0     | 1     | 7     | 1     | 0     | 0     | 0     | 0    | 0     | 75    |
| 20:00           | 0     | 27   | 11    | 0     | 1     | 0     | 0     | 0     | 4     | 0     | 0     | 0     | 0     | 0    | 4     | 47    |
| 21:00           | 0     | 35   | 3     | 0     | 1     | 0     | 0     | 1     | 2     | 1     | 0     | 0     | 0     | 0    | 4     | 47    |
| 22:00           | 0     | 14   | 3     | 0     | 0     | 0     | 0     | 2     | 4     | 0     | 0     | 0     | 0     | 0    | 0     | 23    |
| 23:00           | 2     | 24   | 1     | 0     | 0     | 0     | 1     | 1     | 2     | 0     | 0     | 0     | 0     | 0    | 0     | 31    |
| 24:00           | 2     | 9    | 2     | 1     | 1     | 1     | 0     | 2     | 7     | 0     | 0     | 0     | 0     | 0    | 3     | 28    |
| Tue - May 3, 88 |       |      |       |       |       |       |       |       |       |       |       |       |       |      |       |       |
| 01:00           | 0     | 10   | 1     | 0     | 0     | 0     | 0     | 0     | 3     | 0     | 0     | 0     | 0     | 0    | 0     | 14    |
| 02:00           | 0     | 4    | 0     | 0     | 0     | 0     | 0     | 1     | 4     | 0     | 0     | 0     | 0     | 0    | 0     | 9     |
| 03:00           | 1     | 2    | 0     | 0     | 0     | 0     | 0     | 1     | 3     | 0     | 0     | 0     | 0     | 0    | 3     | 10    |
| 04:00           | 0     | 10   | 1     | 0     | 1     | 0     | 0     | 2     | 5     | 0     | 0     | 0     | 0     | 0    | 1     | 20    |
| 05:00           | 2     | 9    | 1     | 0     | 0     | 1     | 0     | 7     | 2     | 1     | 0     | 0     | 0     | 0    | 4     | 27    |
| 06:00           | 1     | 5    | 0     | 0     | 0     | 0     | 1     | 2     | 4     | 1     | 0     | 0     | 0     | 0    | 1     | 15    |
| 07:00           | 0     | 14   | 1     | 1     | 3     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0    | 3     | 23    |
| 08:00           | 0     | 23   | 4     | 0     | 0     | 0     | 0     | 4     | 8     | 0     | 0     | 0     | 0     | 0    | 5     | 44    |
| 09:00           | 2     | 43   | 5     | 1     | 3     | 1     | 0     | 3     | 6     | 0     | 0     | 0     | 0     | 0    | 2     | 66    |
| 10:00           | 0     | 36   | 11    | 1     | 2     | 1     | 0     | 3     | 12    | 0     | 0     | 0     | 0     | 0    | 1     | 67    |

| Grand Totals | 13  | 701  | 110  | 5   | 25  | 10  | 2   | 41  | 131  | 8   | 0   | 0   | 0   | 0   | 37  | 1083 |
|--------------|-----|------|------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|------|
| Percentages  | 1.2 | 64.7 | 10.2 | 0.5 | 2.3 | 0.9 | 0.2 | 3.8 | 12.1 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 3.4 |      |

20.5% SB



Volume by Vehicle Type Report

\*\*\*\*\*  
 Data File : D0502001.PRN  
 Station : 000015132085  
 Identification : 309003110147  
 Start date : May 2, 88  
 Stop date : May 3, 88  
 City/Town : SPL  
 Location : SR 31 SOUTH OF CR 136 DIR NORTH  
 Interval : 60 minutes  
 Start time : 08:00  
 Stop time : 08:00  
 County : WHEELER BY BC

\*\*\*\*\*  
 Lanes 1-1 are Northbound  
 \*\*\*\*\*

Mon - May 2, 88

| Vehicle Type | Cycle | Cars | 2a-4T | Buses | 2A-SU | 3A-SU | 4A-SU | 4A-ST | 5A-ST | 6A-ST | 5A-HT | 6A-HT | 7A-HT | None | Other | Total |
|--------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| 09:00        | 1     | 41   | 11    | 0     | 4     | 2     | 0     | 1     | 16    | 0     | 0     | 0     | 0     | 0    | 10    | 86    |
| 10:00        | 4     | 43   | 7     | 0     | 4     | 0     | 1     | 1     | 7     | 0     | 0     | 0     | 0     | 0    | 14    | 81    |
| 11:00        | 3     | 60   | 9     | 0     | 3     | 0     | 0     | 5     | 6     | 0     | 0     | 0     | 0     | 0    | 12    | 98    |
| 12:00        | 0     | 50   | 9     | 0     | 1     | 0     | 0     | 1     | 13    | 1     | 0     | 0     | 0     | 0    | 5     | 80    |
| 13:00        | 0     | 44   | 11    | 0     | 1     | 1     | 0     | 5     | 11    | 0     | 0     | 0     | 0     | 0    | 4     | 77    |
| 14:00        | 0     | 46   | 12    | 0     | 0     | 0     | 0     | 0     | 12    | 0     | 0     | 0     | 0     | 0    | 1     | 71    |
| 15:00        | 2     | 42   | 11    | 0     | 3     | 2     | 0     | 1     | 8     | 0     | 0     | 0     | 0     | 0    | 1     | 70    |
| 16:00        | 0     | 59   | 7     | 0     | 1     | 1     | 0     | 0     | 5     | 2     | 0     | 0     | 0     | 0    | 1     | 76    |
| 17:00        | 0     | 42   | 12    | 0     | 3     | 0     | 0     | 1     | 7     | 0     | 0     | 0     | 0     | 0    | 2     | 67    |
| 18:00        | 3     | 54   | 8     | 0     | 2     | 1     | 0     | 3     | 13    | 0     | 0     | 0     | 0     | 0    | 3     | 87    |
| 19:00        | 0     | 36   | 16    | 0     | 1     | 0     | 0     | 4     | 8     | 1     | 0     | 0     | 0     | 0    | 1     | 67    |
| 20:00        | 0     | 30   | 10    | 0     | 1     | 1     | 0     | 0     | 2     | 0     | 0     | 0     | 0     | 0    | 2     | 46    |
| 21:00        | 1     | 23   | 4     | 0     | 0     | 0     | 0     | 0     | 3     | 0     | 0     | 0     | 0     | 0    | 4     | 37    |
| 22:00        | 2     | 20   | 2     | 0     | 0     | 0     | 0     | 0     | 8     | 1     | 0     | 0     | 0     | 0    | 4     | 37    |
| 23:00        | 1     | 24   | 3     | 0     | 0     | 0     | 0     | 0     | 4     | 0     | 0     | 0     | 0     | 0    | 3     | 35    |
| 24:00        | 0     | 9    | 1     | 0     | 0     | 0     | 0     | 1     | 4     | 1     | 0     | 0     | 0     | 0    | 0     | 16    |

Tue - May 3, 88

|       |   |    |    |   |   |   |   |   |   |   |   |   |   |   |   |    |
|-------|---|----|----|---|---|---|---|---|---|---|---|---|---|---|---|----|
| 01:00 | 2 | 4  | 1  | 0 | 1 | 1 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 16 |
| 02:00 | 1 | 1  | 1  | 0 | 0 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 2 | 10 |
| 03:00 | 0 | 1  | 0  | 0 | 1 | 0 | 0 | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 9  |
| 04:00 | 1 | 2  | 1  | 0 | 1 | 0 | 0 | 0 | 9 | 1 | 0 | 0 | 0 | 0 | 1 | 16 |
| 05:00 | 0 | 5  | 2  | 0 | 1 | 0 | 0 | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 06:00 | 0 | 5  | 3  | 0 | 1 | 0 | 0 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 07:00 | 2 | 26 | 9  | 0 | 1 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 1 | 45 |
| 08:00 | 0 | 33 | 12 | 0 | 1 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 1 | 55 |

=====  
 Grand Totals 23 700 162 0 31 9 1 31 177 7 0 0 0 0 0 73 1214  
 Percentages 1.9 57.7 13.3 0.0 2.6 0.7 0.1 2.6 14.6 0.6 0.0 0.0 0.0 0.0 0.0 6.0

*22%* Aug.

Volume by Vehicle Type Report

\*\*\*\*\*  
 Data File : D0502002.PRN  
 Station : 000035132100  
 Identification : 309003110147  
 Start date : May 2, 88  
 Stop date : May 3, 88  
 City/Town : SPL  
 Location : SR 31 SOUTH OF CR 136 DIR SOUTH  
 Interval : 60 minutes  
 Start time : 08:00  
 Stop time : 08:00  
 County : WHEELER BY BC  
 \*\*\*\*\*  
 Lanes 1-1 are Southbound  
 \*\*\*\*\*

Mon - May 2, 88

| Vehicle Type    | Cycle | Cars | 2a-AT | Buses | 2A-SU | 3A-SU | 4A-SU | 4A-ST | 5A-ST | 6A-ST | 5A-MT | 6A-MT | 7A-MT | None | Other | Total |
|-----------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| 09:00           | 0     | 40   | 9     | 0     | 0     | 1     | 0     | 2     | 8     | 0     | 0     | 0     | 0     | 0    | 2     | 62    |
| 10:00           | 0     | 41   | 7     | 0     | 2     | 1     | 0     | 2     | 11    | 1     | 0     | 0     | 0     | 0    | 3     | 68    |
| 11:00           | 1     | 35   | 9     | 0     | 2     | 0     | 0     | 2     | 5     | 2     | 0     | 0     | 0     | 0    | 2     | 58    |
| 12:00           | 1     | 31   | 10    | 0     | 0     | 3     | 0     | 1     | 9     | 0     | 0     | 0     | 0     | 0    | 3     | 58    |
| 13:00           | 2     | 41   | 6     | 0     | 1     | 1     | 0     | 1     | 12    | 1     | 0     | 0     | 0     | 0    | 3     | 68    |
| 14:00           | 0     | 43   | 8     | 0     | 1     | 0     | 0     | 3     | 8     | 0     | 0     | 0     | 0     | 0    | 1     | 64    |
| 15:00           | 1     | 50   | 5     | 1     | 1     | 1     | 0     | 0     | 6     | 0     | 0     | 0     | 0     | 0    | 2     | 67    |
| 16:00           | 0     | 49   | 10    | 0     | 1     | 0     | 0     | 1     | 10    | 0     | 0     | 0     | 0     | 0    | 1     | 72    |
| 17:00           | 0     | 47   | 9     | 0     | 1     | 0     | 0     | 1     | 6     | 0     | 0     | 0     | 0     | 0    | 0     | 64    |
| 18:00           | 0     | 54   | 11    | 0     | 0     | 0     | 0     | 3     | 8     | 0     | 0     | 0     | 0     | 0    | 1     | 77    |
| 19:00           | 1     | 57   | 11    | 0     | 0     | 1     | 0     | 1     | 5     | 1     | 0     | 0     | 0     | 0    | 1     | 78    |
| 20:00           | 0     | 22   | 11    | 0     | 1     | 0     | 0     | 1     | 4     | 0     | 0     | 0     | 0     | 0    | 2     | 41    |
| 21:00           | 0     | 25   | 5     | 0     | 0     | 0     | 0     | 1     | 6     | 0     | 0     | 0     | 1     | 0    | 3     | 41    |
| 22:00           | 0     | 18   | 2     | 0     | 0     | 0     | 0     | 1     | 6     | 0     | 0     | 0     | 0     | 0    | 0     | 27    |
| 23:00           | 0     | 11   | 5     | 0     | 0     | 0     | 0     | 2     | 2     | 0     | 0     | 0     | 0     | 0    | 1     | 21    |
| 24:00           | 0     | 7    | 1     | 0     | 0     | 1     | 0     | 5     | 7     | 0     | 0     | 0     | 0     | 0    | 1     | 22    |
| Tue - May 3, 88 |       |      |       |       |       |       |       |       |       |       |       |       |       |      |       |       |
| 01:00           | 0     | 4    | 2     | 0     | 0     | 0     | 0     | 0     | 4     | 0     | 0     | 0     | 0     | 0    | 1     | 11    |
| 02:00           | 0     | 2    | 3     | 0     | 0     | 0     | 0     | 0     | 4     | 0     | 0     | 0     | 0     | 0    | 0     | 9     |
| 03:00           | 0     | 2    | 0     | 0     | 0     | 0     | 0     | 0     | 3     | 0     | 0     | 0     | 0     | 0    | 0     | 5     |
| 04:00           | 0     | 1    | 3     | 0     | 0     | 0     | 0     | 2     | 5     | 0     | 0     | 0     | 0     | 0    | 1     | 12    |
| 05:00           | 0     | 1    | 1     | 0     | 0     | 0     | 0     | 8     | 8     | 0     | 0     | 0     | 0     | 0    | 1     | 19    |
| 06:00           | 0     | 3    | 3     | 0     | 1     | 0     | 0     | 2     | 5     | 0     | 0     | 0     | 0     | 0    | 1     | 15    |
| 07:00           | 0     | 30   | 3     | 0     | 3     | 0     | 0     | 2     | 4     | 1     | 0     | 0     | 0     | 0    | 0     | 43    |
| 08:00           | 0     | 41   | 3     | 0     | 2     | 0     | 0     | 2     | 14    | 0     | 0     | 0     | 0     | 0    | 1     | 63    |

Tue - May 3, 88

|              |     |      |      |     |     |     |     |     |      |     |     |     |     |     |     |      |
|--------------|-----|------|------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|------|
| Grand Totals | 6   | 655  | 137  | 1   | 16  | 9   | 0   | 43  | 160  | 6   | 0   | 0   | 1   | 0   | 31  | 1065 |
| Percentages  | 0.6 | 61.5 | 12.9 | 0.1 | 1.5 | 0.8 | 0.0 | 4.0 | 15.0 | 0.6 | 0.0 | 0.0 | 0.1 | 0.0 | 2.9 |      |

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# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

## INTERDEPARTMENT CORRESPONDENCE

**FILE** EDS-441(8) Projects 2, 3, & 4      **OFFICE** Preconstruction  
 Wheeler - Laurens Counties  
**P.I. No** 262060 (PE Only)      **DATE** May 5, 1988

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

**TO** Frank Danchetz, State Environmental/Location Engineer

**SUBJECT** PROJECT CONCEPT REPORTS - Golden Isles Parkway - McRae to Dublin  
 (Cost Estimate Revision)

The typical sections for these projects have been revised. It is requested that you provide me with the following information to finalize these reports and recommendations:

1. Projects 2 & 3  
 Typical Section is two, 12' lanes in each direction divided with a 44' depressed median using the existing road.
  - a. Need typical section sketch.
  - b. Need revised construction and right-of-way costs.
  - c. Need location description for lane additions.
  
2. Project 4  
 Typical Section is two, 12' lanes in each direction divided with a 14' flush median. There are three passing lanes within this project. You are to incorporate these lanes so the savings will not be lost.
  - a. Need typical section sketch.
  - b. Need revised construction and right-of-way costs.
  - c. Need location description for lane additions.

If there are any questions concerning this, call me at 656-5190.

RLA/cj

cc: Alton L. Dowd, Jr.  
 R. E. Humphrey

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

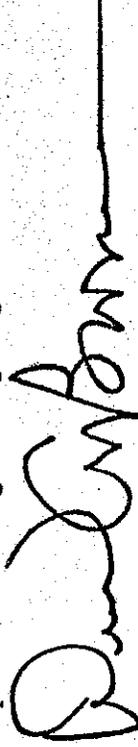
FILE

OFFICE Programming

DATE April 8, 1986

FROM Drew A. Brown, P.E., State Transportation Programming Engineer

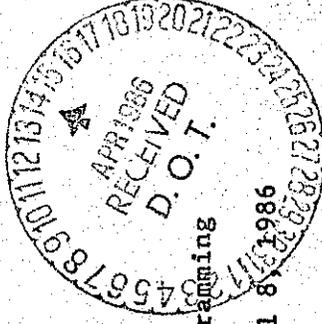
TO SEE DISTRIBUTION BELOW



SUBJECT Charges for Preliminary Engineering

At the regular meeting on March 20, 1986, the State Transportation Board approved preliminary engineering for a number of projects on the Economic Development System. This is a special funding category from General Funds money. The approved projects include several projects currently in the Construction Work Program under a conventional project number. To insure charges are made to the proper account, please disregard the previous project number and charge all preliminary engineering on the EDS routes to the following project numbers:

| COUNTY                     | PROJECT NO. | P. I. NO. | DESCRIPTION   |
|----------------------------|-------------|-----------|---|
| Sumter                     | EDS-19(31)  | 321350    | State Route 3 in Americus: from the end of the 4-lane section north to 1500' north of Rucker Road (CR 227).<br>(NOTE: formerly designated FR-006-3(7).) |
| Troup thru Walker          | EDS-27(93)  | 362900    | U.S. 27 Corridor (State Route 1): from I-185 in Troup County to the Tennessee State line in Walker County.  |
| Decatur thru Chattahoochee | EDS-27(96)  | 462300    | U.S. 27 Corridor (State Route 1): from the Florida State line in Decatur County to U.S. 280 at Cusseta.   |
| Grady/Thomas               | EDS-319(5)  | 462000    | U.S. 319 Corridor: from the Florida State line in Grady County to the south city limits of Thomasville.   |
| Houston                    | GIP-341(11) | 363300    | Golden Isles Parkway (State Route 11): from I-75 at U.S. 41 interchange in Perry to Hawkinsville.   |
| Chatham thru Richmond      | EDS-440(1)  | 561800    | Savannah River Parkway: from Savannah to Augusta.   |



PAGE 2

|                         |            |        |   |
|-------------------------|------------|--------|---|
| Putnam                  | EDS-441(4) | 262030 | Eatonton Bypass.  |
| Laurens                 | EDS-441(5) | 262040 | Dublin Bypass.  |
| Habersham               | EDS-441(6) | 121130 | Hollywood Connector (State Route 365 Spur): from near County Road 391 northwesterly on new location to State Route 17 near Hollywood.                               |
| Jackson                 | EDS-441(7) | 121270 | Commerce Bypass: from State Route 15 Alternate south of Commerce to State Route 15 at State Route 59 north of Commerce.<br>(NOTE: formerly designated F-055-1(39).) |
| Wheeler/Laurens         | EDS-441(8) | 262020 | State Route 31: from McRae north to Dublin.   |
| Peach                   | FLF-450(2) | 363100 | State Route 49: from State Route 247 Connector north to 0.2 mile southwest of Gassett Road in Byron.  |
| Muscogee                | FLF-450(3) | 363110 | Fall Line Freeway: from State Route 85 east to just west of Kendall Creek.  |
| Washington              | FLF-450(4) | 262000 | Sandersville Bypass: from County Road 5 west of Sandersville to County Road 370 east of Sandersville.   |
| Jefferson/<br>Richmond  | FLF-450(5) | 262010 | Fall Line Freeway: from County Road 29 in Jefferson County northeast to County Road 73 in Richmond County.  |
| Peach                   | FLF-450(6) | 363120 | For Valley Bypass: from State Route 96 west of Fort Valley northeasterly to State Route northeast of Fort Valley.   |
| Bibb                    | FLF-450(7) | 362690 | Eisenhower Parkway Extension: from Broadway (State Route 49) to I-16.<br>(NOTE: formerly designated TSAP-758(1).)   |
| Bibb                    | FLF-450(8) | 362695 | Eisenhower Parkway Extension: from I-16 to Emery Highway (State Route 19).<br>(NOTE: formerly designated TSAP-758(2).)  |
| Bartow thru<br>Rockdale | EDS-460(1) | 662200 | Outer Perimeter - Atlanta Metro Area: from I-75 in Bartow County to I-20 in Rockdale County.  |

If you have any questions on this, please contact my office.

DAB/dmh

DISTRIBUTION

R. L. Alston, Charles French, Dewey Jones, Bob Wallis, Bob Bowling, Melinda Boothe, Floyd Hardy, John Lively, Jim Schell, Harlus Coody, Jack Miller, Charles Lewis, Stanley Lord, Pete Malphurs, Joe Long, Bob Humphry, Ron Martin, Hugh Tyner, District Engineer

RECEIVED  
DEC 21 1994  
PRECONSTRUCTION

MEMO  
FROM:

HOTTI J. LIVELY, JR.  
1965



DIR OF PRECONSTRUCTION  
STINGRAY

DATE: December 21, 1994

TO: David Studstill, State Environment/Location Engineer

EDS-441(18), (19) & (20) Wheeler-Laurens  
P.I.Nos 262061, 262064 & 262027  
US 441 from North of CR132 to just South of I16

Attached is a request from the Office of Intermodal Programs that they be included in the review process for the above projects. The concept for the projects is indicated in Datatrieve as being circulated at this time. Once approval is obtained a copy of the concept report needs to be sent to them for their information. Wayne Hutto will take care of this during his normal distribution after approval.

In the future, for those projects which involve railroads and/or airports please invite them to the concept team meeting. They are not to be included on the sign-off block of the report.

Thanks,

Attachment

Xc: Wayne Hutto



DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE \_\_\_\_\_ OFFICE Intermodal Programs  
DATE December 5, 1994

FROM Luke Cousins  Administrator, Office of Intermodal Programs  
TO John Lively, Director of Preconstruction

SUBJECT EDS441(13) P. I. No. 561470  
EDS441(18) (19) & (20) P. I. No. 262061, 262064 and 262027  
Telfair, Wheeler, Dodge and Laurens Counties

In the past week we have received written communication and verbal conversations concerning the current status of the above mentioned two projects. These projects involve two railroads and an airport, which is our area of concern. We would appreciate being included in the review process in both the location environmental stage and the road design stage.

As has happened in the past, the Office of Intermodal Programs seems to be left out of the review process. This lack of coordination has lead to confusion, frustration and wasted efforts. Therefore, in the future we would appreciate being informed and involved with any highway projects which will or could involve or impact railroads, airports, harbors or waterways, bus transit facilities and pipelines. With this cooperative effort by the various offices within your division we will greatly reduce the potential for missed communications and subsequent problems.

LC:RJD:jjsd

cc: Frank Danchetz  
George Boulineau