

ORIGINAL TO GENERAL FILES

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 621600, Floyd County **OFFICE** Preconstruction
EDS-27(154) **DATE** June 27, 2005
South Rome Bypass
FROM *Galen Kunkle*
Margaret B. Pirkle, P.E., Assistant Director of Preconstruction
TO *ra-* SEE DISTRIBUTION

SUBJECT APPROVED NOTICE OF LOCATION AND DESIGN

Attached for your further handling is the approved Location and Design Report on the above subject project.

Also attached is the Notice of Location and Design Approval. This is authorization for the District to proceed with advertisement.

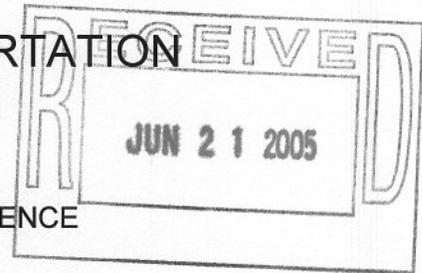
MBP/cj

Attachment

DISTRIBUTION:

Brian Summers
Harvey Keepler
Jamie Simpson
Paul Liles
Keith Golden
Ken Thompson
Joe Palladi (file copy)
Babs Abubakari
Kent Sager
BOARD MEMBER

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA



INTERDEPARTMENT CORRESPONDENCE

FILE: EDS-27(154)
FLOYD COUNTY
P.I. No. 621600
South Rome Bypass

OFFICE: Consultant Design/Program Delivery
DATE: June 7, 2005

FROM: M. Babs Abubakari, P.E.
State Consultant Design/Program Delivery Engineer

TO: Buddy Gratton, P.E., Preconstruction Division Director

ATTENTION: Meg Pirkle

SUBJECT: Request for Location and Design Approval

Description and Project Proposal: Project EDS-27(154), South Rome Bypass in Floyd County begins approximately 3,100 feet east of SR 1/US 27, where it ties to project HPP-NH-012-1(85)LP, and generally follows along the south side of the existing Booze Mountain Road (CR 633) eastward. The project crosses Old Cedartown Road (CR 631) about 600 feet south of its intersection with Booze Mountain Road, and continues east with a single bridge over Reeceburg Road, Silver Creek and the Southern Railway south of the Silver Creek community. Turning toward the northeast, the project bridges again over Old Rockmart Road (CR 633) and ends at the intersection of SR 101 and Preacher Smith Road (CR 96), where it ties to the Southeast Rome Bypass Project, EDS-27(127). The proposed project length is 3.33 miles. The proposed roadway is a rural four-lane divided by a 44 foot grassed median with 10 feet wide outside shoulders of which 6.5 feet will be paved. The alignment is predominately on new location.

Concept Approval Date: August 12, 1992; Concept Revised: July 23, 1998

Concept Update: The following changes have been made to the project since the Revised Project Concept Approval dated July 23, 1998:

- The Revised Project Concept dated July 23, 1998 provided for the addition of an interchange at the beginning of the project at SR 1/US 27 and changes to the project's general alignment. The interchange is included in the Southwest Rome Bypass Project, HPP-NH-012-1(85)LP. As a result, the original limits of the South Rome Bypass was shifted eastward to begin construction approximately 3,100 feet east of SR1/US 27. The new project length is currently 3.33 miles.
- The construction of the Bypass will cut through CR 798, Mark Groves Road, which currently services as the only access to a residential subdivision. An extension of Mark Groves Road southward to Lakeview Drive has been designed to provide access.

Environmental Assessment and Reassessment Approval Date

The approval of the Environmental Assessment is dated April 14, 1999. A Reevaluation of project changes was approved May 19, 2005.

Public Involvement

A location and Design Public Hearing was held for projects 621600 and 662420 on July 30, 1998 from 4:00 p.m. to 7:00 p.m. All of the 529 citizens attending the hearing were given an opportunity to comment on the project. Also, written comments were accepted until August 9, 1998. From those responding during the ten-day comment period following the hearing, a total of 162 comments were received from different citizens. Of those commenting, 81 gave general support, 57 were opposed, and 24 were uncommitted or conditionally supported the project. One of the comments included a petition with 16 names, opposing the section of the proposed roadway down Preacher Smith Road.

Two additional Public Information Open Houses (PIOHs) were held due to design changes on project 662420. The first PIOH was held December 11, 2001 at the Rome Civic Center. The PIOH was held as a result of recommendations from U.S. Fish and Wildlife Service during the Practical Alternatives Review (PAR). A total of 308 people were in attendance in which 27 comments were received. Of the 27 comments, 4 gave general support, 14 were opposed, 2 were uncommitted, and 7 gave conditional support. The second PIOH was held for project 662420 on June 24, 2003 at the Rome Civic Center due to a shift in the project alignment to avoid a landfill. A total of 214 people were in attendance in which 25 comments were received. Of the 25 comments, 6 were in support of the project, 14 were opposed, 3 were uncommitted, and 2 comments gave conditional support.

Consistency with Approval Planning:

The design description as presented herein and submitted for approval is consistent with the approved Floyd County Long Range Transportation Plan/TIP and the current STIP.

Recommendation: It is recommended that the location and design for the project be approved and that the attached Notice be approved for advertising.

RECOMMEND: Budely Smith
Director of Preconstruction

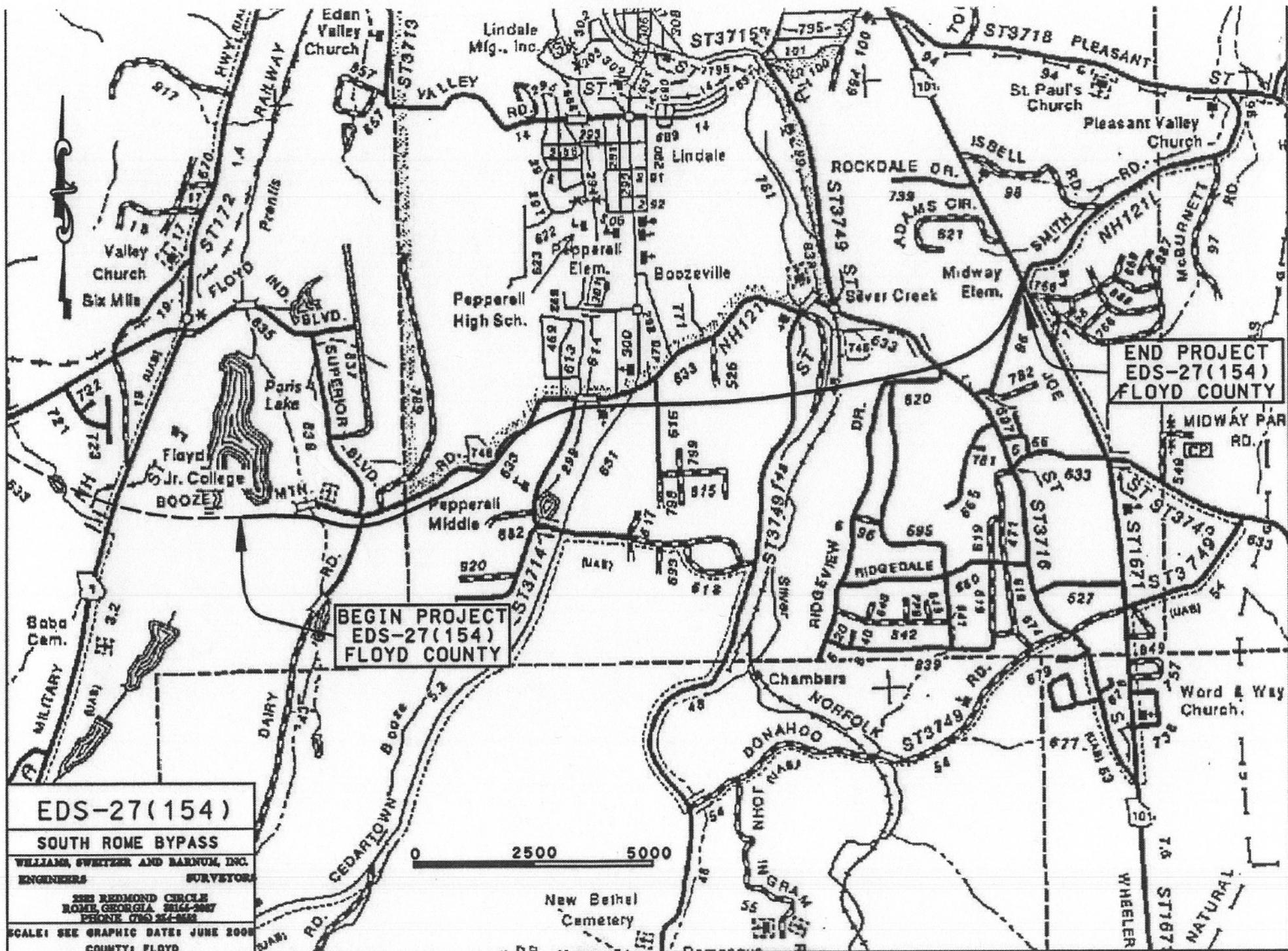
APPROVE: [Signature]
Chief Engineer

6/29/05
Date of Approval

MBA:TAH

Attachments:

- Location Map
- Cost Estimate
- Notice of Location and Design Approval



EDS-27(154)

SOUTH ROME BYPASS

WILLIAMS, SWITZER AND BARNUM, INC.
ENGINEERS SURVEYORS

SEE REDMOND CIRCLE
ROME, GEORGIA 30165-2007
PHONE (706) 264-2552

SCALE: SEE GRAPHIC DATE: JUNE 2000
COUNTY: FLOYD

CONSTRUCTION COST ESTIMATE
OFFICE OF CONSULTANT DESIGN

DATE: 5/26/2005

PREPARED BY: Williams, Sweitzer :

PROJECT NO: EDS-27(154)

FILENAME: 621600_ConstCostEstimate.xls

P.I. NO: 621600

MILEAGE: 3.33 miles

PROJECT DESCRIPTION/CONCEPT: EDS-27(154)- SOUTH ROME BYPASS

EXISTING ROADWAY: NO

TRAFFIC: CURRENT ADT (2007) 12400 PROJECTED ADT (2027) 22400

- () PROGRAMMING PROCESS
- () CONCEPT DEVELOPMENT
- () DURING PROJECT DEVELOPMENT

PROJECT COSTS

| | Quantity | Units | | Unit Cost | Total |
|--------------------------|-----------|-------|----------|-----------------|------------------------|
| A. RIGHT OF WAY | 1 | | LUMP SUM | \$18,939,800.00 | \$18,939,800.00 |
| | | | | SUBTOTAL | \$18,939,800.00 |
| B. UTILITIES | 1 | | LUMP SUM | \$250,000.00 | \$250,000.00 |
| | | | | SUBTOTAL | \$250,000.00 |
| C. CLEARING AND GRUBBING | 123 | | AC@ | \$5,900.00 | \$725,700.00 |
| | | | | SUBTOTAL | \$725,700.00 |
| D. EARTHWORK | | | | | |
| Unclassified Excavation | 5,231,000 | | CY@ | \$3.73 | \$19,511,630.00 |
| | | | | SUBTOTAL | \$19,511,630.00 |
| E. BASE AND PAVING | | | | | |
| <u>Aggregate Base</u> | | | | | |
| Graded Aggregate Base | 85,000 | | TN@ | \$13.70 | \$1,164,500.00 |
| <u>Asphalt Paving</u> | | | | | |
| 12.5 mm superpave | 12,800 | | TN@ | \$39.51 | \$505,728.00 |
| 19 mm superpave | 16,600 | | TN@ | \$36.18 | \$600,588.00 |
| Asphalt Concrete Base | 52,300 | | TN@ | \$35.76 | \$1,870,248.00 |
| Bituminous Tack Coat | 16,500 | | GA@ | \$0.85 | \$14,025.00 |
| | | | | SUBTOTAL | \$4,155,089.00 |

F. DRAINAGE

Cross Drain System

| | | | | |
|----------------|------|-----|------------|-------------|
| 18" Conc. Pipe | 2700 | LF@ | \$30.90 | \$83,430.00 |
| 24" Conc. Pipe | 325 | LF@ | \$30.94 | \$10,055.50 |
| 30" Conc. Pipe | 1150 | LF@ | \$35.73 | \$41,089.50 |
| 36" Conc. Pipe | 225 | LF@ | \$72.34 | \$16,276.50 |
| 42" Conc. Pipe | 380 | LF@ | \$86.00 | \$32,680.00 |
| 18" F.E.S | 53 | EA@ | \$246.88 | \$13,084.64 |
| 24" F.E.S. | 6 | EA@ | \$322.95 | \$1,937.70 |
| 30" F.E.S. | 24 | EA@ | \$490.07 | \$11,761.68 |
| 36" F.E.S. | 2 | EA@ | \$529.84 | \$1,059.68 |
| 42" F.E.S. | 8 | EA@ | \$1,026.00 | \$8,208.00 |

Slope Drain Pipe

| | | | | |
|----------|-----|-----|---------|------------|
| 10" Pipe | 500 | LF@ | \$18.75 | \$9,375.00 |
|----------|-----|-----|---------|------------|

Longitudinal System

| | | | | |
|----------|-----|-----|---------|-------------|
| 18" Pipe | 355 | LF@ | \$30.90 | \$10,969.50 |
| 30" Pipe | 255 | LF@ | \$35.73 | \$9,111.15 |

Side Drain Pipe

| | | | | |
|----------|-----|-----|---------|------------|
| 18" Pipe | 295 | LF@ | \$22.99 | \$6,782.05 |
| 24" Pipe | 60 | LF@ | \$28.73 | \$1,723.80 |
| 30" Pipe | 100 | LF@ | \$32.53 | \$3,253.00 |

Drainage Structures

| | | | | |
|--------------|----|------|------------|-------------|
| Catch Basins | 4 | EA @ | \$1,722.84 | \$6,891.36 |
| Drop Inlets | 41 | EA @ | \$1,946.68 | \$79,813.88 |

Concrete Flumes

| | | | | |
|----------------|----|-----|------------|-------------|
| Type "A", W-4' | 30 | EA@ | \$1,200.00 | \$36,000.00 |
|----------------|----|-----|------------|-------------|

Spillways

| | | | | |
|------------------|---|-----|------------|------------|
| GA STD 9017J TP1 | 2 | EA@ | \$1,644.09 | \$3,288.18 |
|------------------|---|-----|------------|------------|

SUBTOTAL \$386,791.12

G. CONCRETE WORK

| | | | | |
|---------------------------|--------|-----|----------|-------------|
| Approach Slabs | 533.33 | SY@ | \$149.06 | \$79,498.17 |
| Curb and Gutter (Type 2) | 570 | LF@ | \$12.22 | \$6,965.40 |

SUBTOTAL \$86,463.57

H. TRAFFIC CONTROL

| | | | |
|---|----------|-------------|-------------|
| 1 | lump sum | \$50,000.00 | \$50,000.00 |
|---|----------|-------------|-------------|

SUBTOTAL \$50,000.00

I. EROSION CONTROL

| | | | | |
|---------------------------|-----|--------|--------------|--------------|
| Permanent Erosion Control | 3.3 | MILES@ | \$90,000.00 | \$297,000.00 |
| | 1.7 | MILES@ | \$45,000.00 | \$76,500.00 |
| Temporary Erosion Control | 3.3 | MILES@ | \$110,000.00 | \$363,000.00 |
| | 1.7 | MILES@ | \$55,000.00 | \$93,500.00 |

SUBTOTAL \$830,000.00

J. GUARDRAIL

| | | | | |
|-----------------|--------|-----|-----------------|---------------------|
| W-Beam Rail | 12,700 | LF@ | \$9.77 | \$124,079.00 |
| Type 1 Anchors | 23 | EA@ | \$409.00 | \$9,407.00 |
| Type 12 Anchors | 17 | EA@ | \$1,300.00 | \$22,100.00 |
| | | | SUBTOTAL | \$155,586.00 |

K. SIGNS, STRIPING, SIGNALS, LIGHTING

| | | | | |
|-----------------|-----|--------|-----------------|---------------------|
| Striping/Signs | 3.3 | MILES@ | \$12,000.00 | \$39,600.00 |
| | 1.7 | MILES@ | \$6,000.00 | \$10,200.00 |
| Traffic Signals | 1 | EA@ | \$80,000.00 | \$80,000.00 |
| | | | SUBTOTAL | \$129,800.00 |

L. GRASSING/LANDSCAPING

| | | | | |
|--|-----|--------|-----------------|--------------------|
| | 100 | ACRES@ | \$800.00 | \$80,000.00 |
| | | | SUBTOTAL | \$80,000.00 |

M. MISCELLANEOUS

| | | | | |
|--------------------------------|--------|-----|-----------------|---------------------|
| Field Engineer Office (Type 3) | 1 | EA@ | \$58,000.00 | \$58,000.00 |
| Fencing | 29,000 | LF@ | \$12.00 | \$348,000.00 |
| Right-of-Way Markers | 250 | EA@ | \$83.93 | \$20,982.50 |
| | | | SUBTOTAL | \$426,982.50 |

N. MAJOR STRUCTURES

Bridges

| | | | | |
|-------|-----------|-----|---------|----------------|
| No. 1 | 118387.50 | SF@ | \$75.53 | \$8,941,807.88 |
| No. 2 | 59812.50 | SF@ | \$75.53 | \$4,517,638.13 |

Box Culverts

| | | | | |
|------------------|---------|-----|-----------------|------------------------|
| Concrete | 2000 | CY@ | \$460.00 | \$920,000.00 |
| Bar Reinf. Steel | 244,000 | LB@ | \$0.75 | \$183,000.00 |
| | | | SUBTOTAL | \$14,562,446.00 |

PROJECT COST ESTIMATE SUMMARY

| | |
|---------------------------|------------------------|
| A. Right of Way | \$18,940,000.00 |
| B. Reimbursable Utilities | \$250,000.00 |
| TOTAL | \$19,190,000.00 |

CONSTRUCTION COST SUMMARY

| | |
|---------------------------------------|------------------------|
| C. Clearing And Grubbing | \$726,000.00 |
| D. Earthwork | \$19,512,000.00 |
| E. Base and Paving | \$4,156,000.00 |
| F. Drainage | \$387,000.00 |
| G. Concrete Work | \$87,000.00 |
| H. Traffic Control | \$50,000.00 |
| I. Erosion Control | \$830,000.00 |
| J. Guardrail | \$156,000.00 |
| K. Signs, Striping, Signals, Lighting | \$130,000.00 |
| L. Grassing/Landscaping | \$80,000.00 |
| M. Miscellaneous | \$427,000.00 |
| ROADWAY SUBTOTAL | \$26,541,000.00 |
| N. Major Structures | \$14,563,000.00 |
| CONSTRUCTION SUBTOTAL | \$41,104,000.00 |
| (4) years of inflation at 5% | \$8,220,800.00 |
| 10% E & C | \$4,110,400.00 |
| TOTAL CONSTRUCTION COST | \$53,436,000.00 |
| GRAND TOTAL PROJECT COST | \$72,626,000.00 |

NOTICE OF LOCATION AND DESIGN APPROVAL

PROJECT: EDS-27(154), FLOYD COUNTY P. I. NO. 621600

Notice is hereby given in compliance with Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the Location and Design of the above project.

Date of Location and Design Approval: JUNE 27, 2005

This project is located 100% within Floyd County and 100% within Congressional District 11 in Land District 22 and Land Lots 7, 8, 29, 30, 43, 44, 65, 66, 67, 78, 79, 80, 102, 103, 114 and 139.

Project EDS-27(154), South Rome Bypass in Floyd County begins approximately 3,100 feet east of SR 1/US 27, where it ties to project HPP-NH-012-1(85)LP, and generally follows along the south side of the existing Booze Mountain Road (CR 633) eastward. The project crosses Old Cedartown Road (CR 631) about 600 feet south of its intersection with Booze Mountain Road, and continues east with a single bridge over Reeceburg Road, Silver Creek and the Southern Railway south of the Silver Creek community. Turning toward the northeast, the project bridges again over Old Rockmart Road (CR 633) and ends at the intersection of SR 101 and Preacher Smith Road (CR 96), where it ties to the Southeast Rome Bypass Project, EDS-27(127). The proposed project length is 3.33 miles. The proposed roadway is a rural four-lane divided by a 44 foot grassed median with 10 feet wide outside shoulders of which 6.5 feet will be paved. The alignment is predominately on new location.

Drawings of the proposed project are on file and are available for public inspection at the Georgia Department of Transportation:

Gary Reed, Area Engineer
Georgia Department of Transportation
533 East 20th Street
Rome, Ga. 30161
Telephone (706) 295-6025

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

Mohammed (Babs) Abubakari, P.E.,
State Consultant Design/Program Delivery Engineer
Georgia Department of Transportation
No. 2 Capitol Square, Room 433
Atlanta, Georgia 30334
Telephone (404) 463-6133

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