

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE EDS-27(127) Floyd County OFFICE Preconstruction
P.I. No. 662420 DATE April 2, 1992

CWH/Hutto
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/cj

Attachment

DISTRIBUTION:

John Lively
Bob Humphrey
David Studstill
Herman Griffin
George Boulineau
Darrell Elwell
Ron Colvin
Roland Hidders
Felton Rutledge
Winn Guthrie

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE EDS-27(127) Floyd P.I. No. 662420 OFFICE Preconstruction DATE March 25, 1992

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

TO Wayne Shackelford, Commissioner

SUBJECT PROJECT CONCEPT REPORT APPROVAL

This project proposes the construction of the first phase of a Southeast Rome Bypass and begins on SR 101 at Preacher Smith Road (CR 96) and extending east and north for a distance of 3.5 miles to US 411/SR 20 at the East Rome Bypass. This project is on new location. The proposed Southeast Rome Bypass will connect with the East Rome Bypass and then the North Rome Bypass to provide an alternate travel corridor for US 27 through Rome. The base year traffic (1997) is 6,025 to 8,250 ADT and the design year traffic (2017) is 10,150 to 14,700 ADT. Access will be partially limited and traffic will be maintained on existing crossroads by the use of stage construction and detours as necessary. The design speed will be 55 MPH. Major structures include one triple 5' x 4' x 120' culvert and two, triple 10' x 9' x 200' box culverts on tributaries to the Etowah River.

The proposed typical section is a rural four lane highway with two, 12' lanes in each direction, separated by a 44' grassed median. Ten foot shoulders are proposed with 4' paved on the outside and 2' paved on the inside.

The estimated costs of this project are:

	PROPOSED	APPROVED	PROG DATE
Construction (includes E&C and inflation)	\$10,677,000	\$4,200,000	
Right-of-Way	\$ 4,027,000	---	
Utilities	\$ 215,000	---	

An LGPA will be sent to the local governments after the project is programmed.

Environmental concerns include: displacements of 19 residencies, 3 mobile homes; an Environmental Assessment will be written; a public hearing will be held; preliminary indications show no wetlands impacted.

Wayne Shackelford
Page 2
March 25, 1992

EDS-27(127) Floyd County

I recommend that this project concept report be approved and this project be added to the Construction Work Program.

HJL:CWH/cj

Attachment

CONCUR G. C. Lewis
G. C. Lewis, State Highway Engineer

APPROVE Wayne Shackelford
Wayne Shackelford, Commissioner

(19)

RECEIVED

FEB 20 1992

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE EDS-27 (127) Floyd County OFFICE Atlanta, Georgia
 P.I. No. 662420
 Southeast Rome Bypass 3.5 miles DATE February 19, 1992

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

TO Hoyt J. Lively, Jr., Director of Preconstruction

SUBJECT PROJECT CONCEPT REPORT

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

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

We have received signed cover sheets from the following offices:

Traffic and Safety

District Engineer

Road Design

This report is satisfactory for approval.

The estimated costs of this project are as follows:

Construction	\$8,824,000
Inflation (5% per year) x 2 yrs.	882,400
E & C (10%)	970,640
Preliminary Engineering (5%)	441,200
Right of Way	4,027,000
Utilities	LGPA

BDM/jmf

Attachments

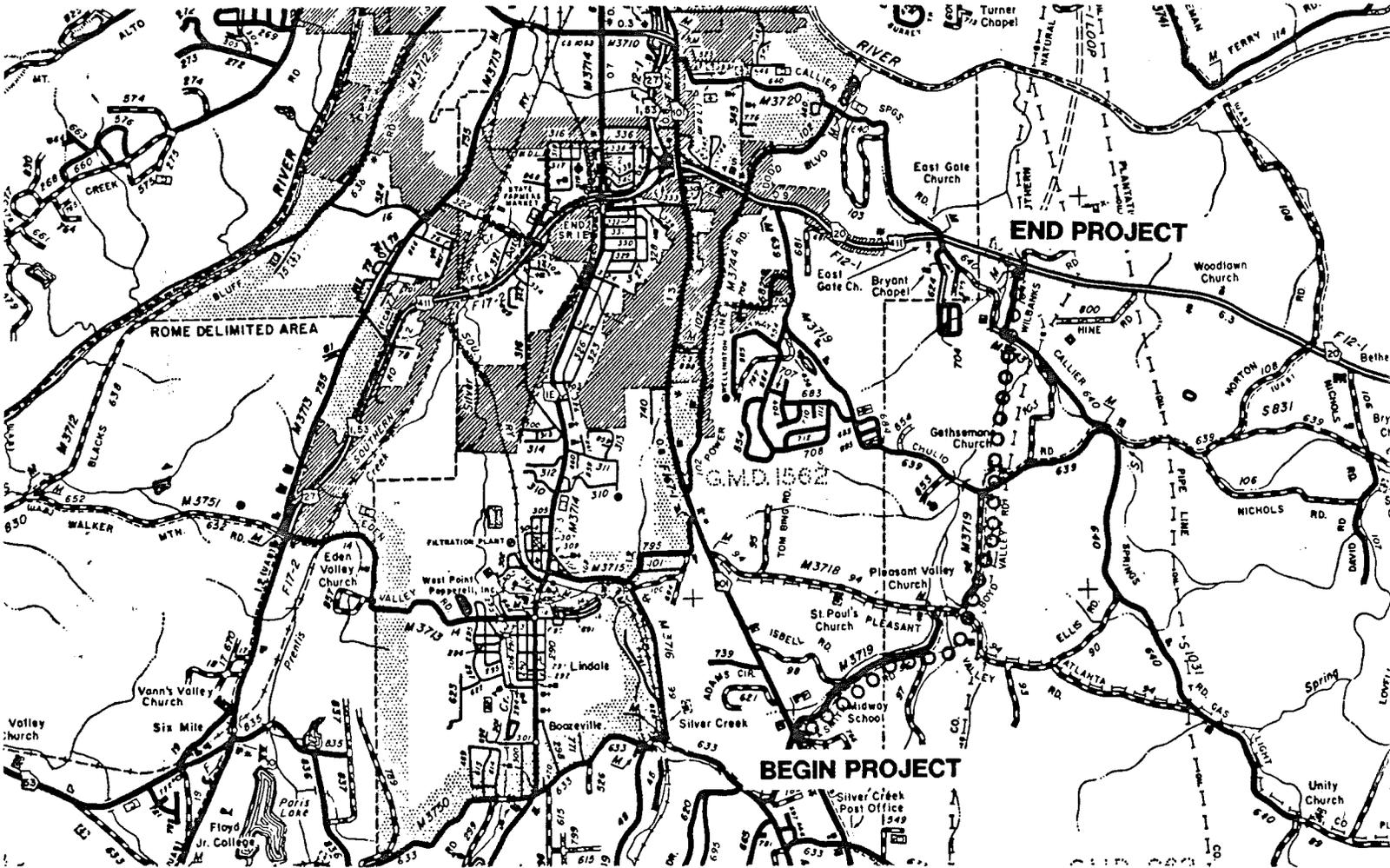
c: David Studstill

OFFICE OF ENVIRONMENT/LOCATION

PROJECT CONCEPT REPORT



Project Number: KDS 27 (127)
 County: FLOYD
 P.I. Number: 662420
 Federal Route Number: F-12-1 LOOP
 State Route Number: N/A



RECOMMENDATION FOR APPROVAL:

1/21/92
DATE

[Signature]
STATE ENVIRONMENTAL/LOCATION ENGINEER

DATE

STATE ROAD AND AIRPORT DESIGN ENGINEER

DATE

STATE TRAFFIC AND SAFETY ENGINEER

DATE

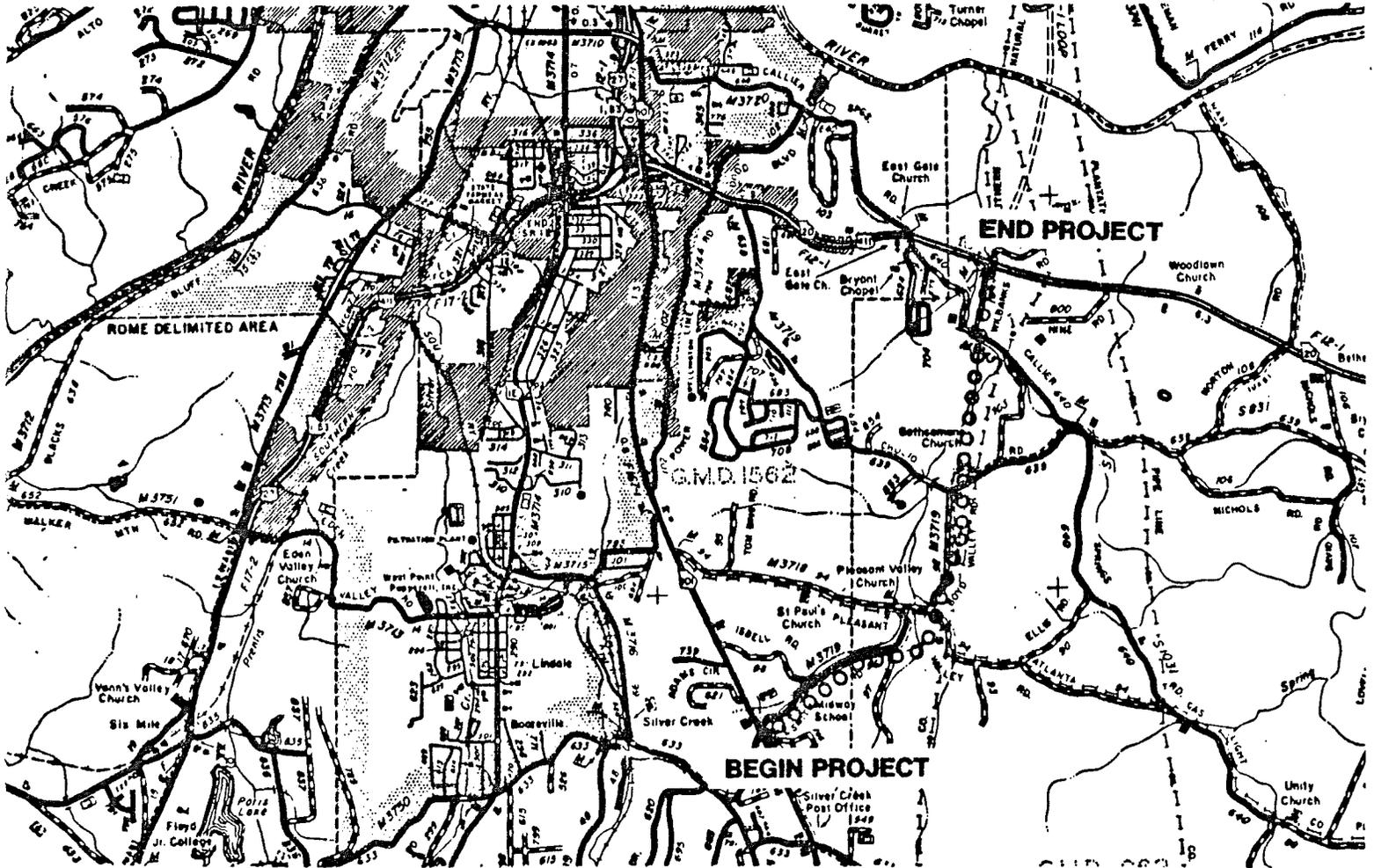
DISTRICT ENGINEER/CARTERSVILLE

OFFICE OF ENVIRONMENT/LOCATION

PROJECT CONCEPT REPORT



Project Number: EKS 27 (127)
 County: FLOYD
 P. I. Number: 662420
 Federal Route Number: F-12-1 LOOP
 State Route Number: N/A



RECOMMENDATION FOR APPROVAL:

1/21/92
 DATE

[Signature]
 STATE ENVIRONMENTAL/LOCATION ENGINEER

2-13-92
 DATE

[Signature]
 STATE ROAD AND AIRPORT DESIGN ENGINEER

 DATE

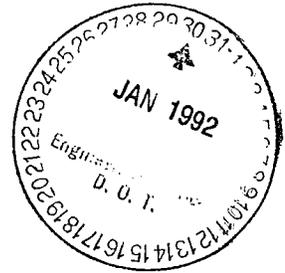
 STATE TRAFFIC AND SAFETY ENGINEER

 DATE

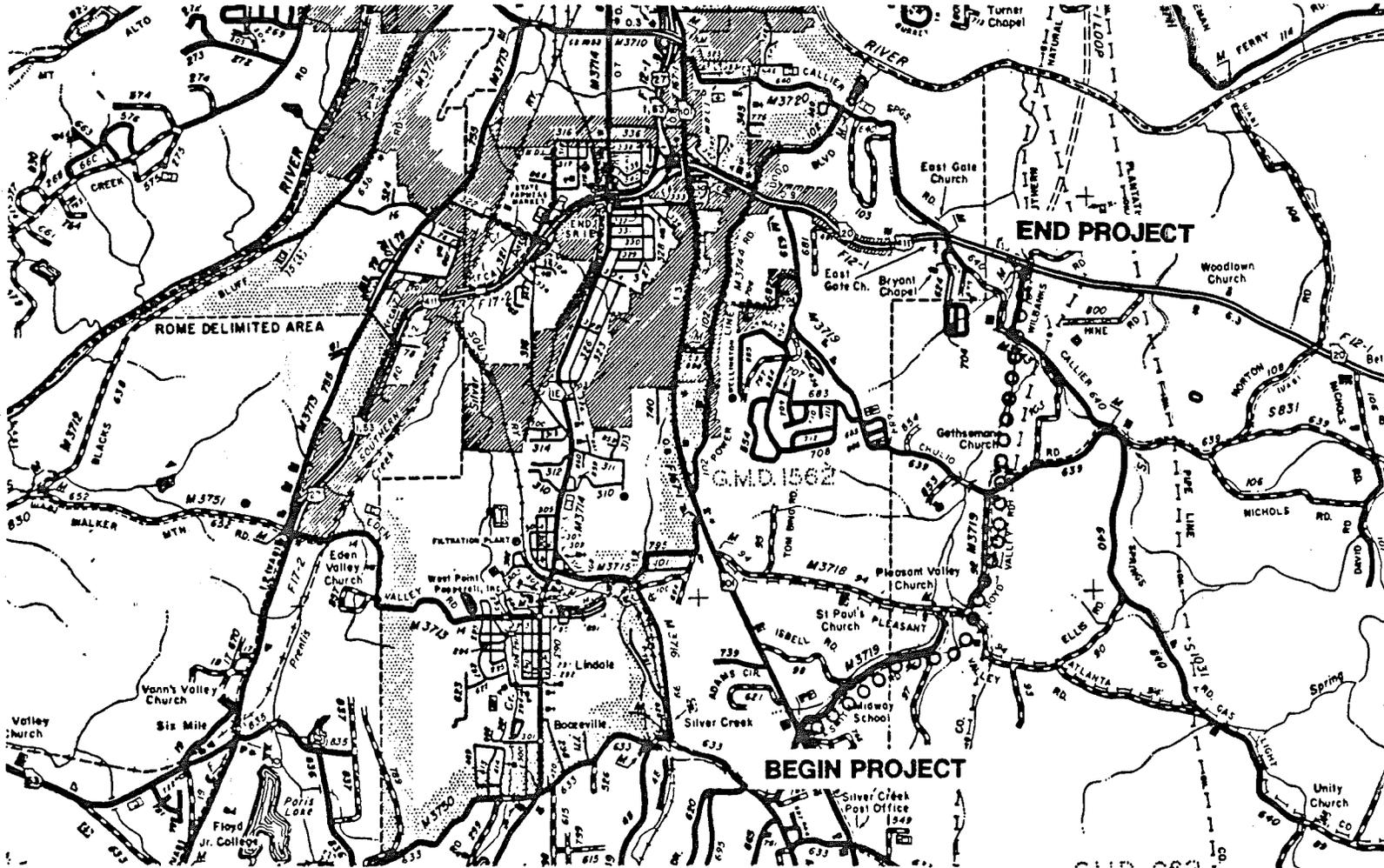
 DISTRICT ENGINEER/CARTERSVILLE

OFFICE OF ENVIRONMENT/LOCATION

PROJECT CONCEPT REPORT



Project Number: EDS 27 (127)
 County: FLOYD
 P.I. Number: 662420
 Federal Route Number: F-12-1 LOOP
 State Route Number: N/A



RECOMMENDATION FOR APPROVAL:

DATE 1/21/92

O. E. Thibault
 STATE ENVIRONMENTAL/LOCATION ENGINEER

DATE _____

STATE ROAD AND AIRPORT DESIGN ENGINEER

DATE _____

STATE TRAFFIC AND SAFETY ENGINEER

DATE 1-28-92

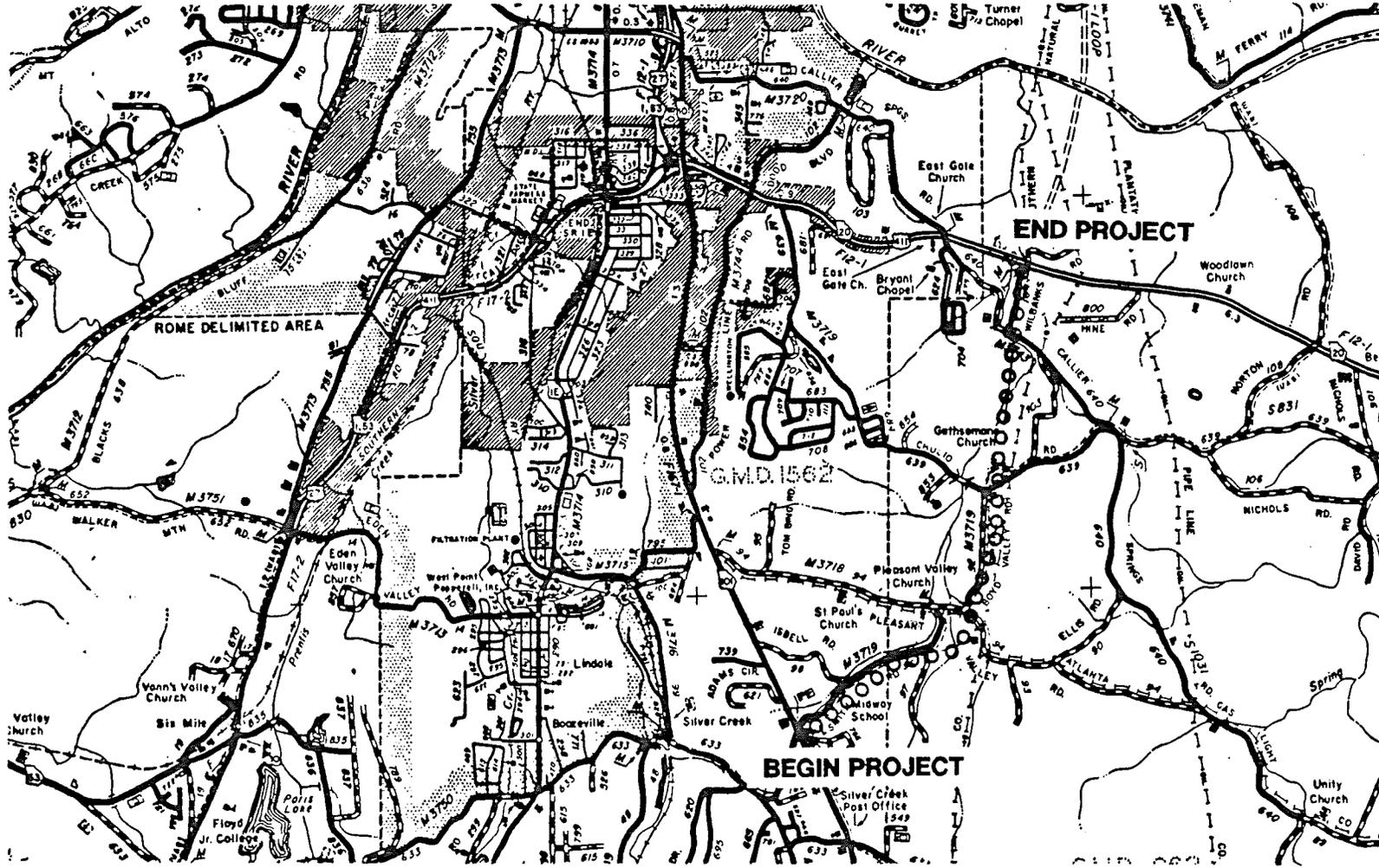
F. L. R. [Signature]
 DISTRICT ENGINEER/CARTERSVILLE

OFFICE OF ENVIRONMENT/LOCATION

PROJECT CONCEPT REPORT



Project Number: EDS 27 (127)
 County: FLOYD
 P.I. Number: 662420
 Federal Route Number: F-12-1 LOOP
 State Route Number: N/A



RECOMMENDATION FOR APPROVAL:

DATE 1/21/92

[Signature]
STATE ENVIRONMENTAL/LOCATION ENGINEER

DATE January 22nd, 1992
DATE

STATE ROAD AND AIRPORT DESIGN ENGINEER
[Signature]
STATE TRAFFIC AND SAFETY ENGINEER

DATE

DISTRICT ENGINEER/CARTERSVILLE

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA



INTERDEPARTMENT CORRESPONDENCE

FILE EDS-27 (127)
Floyd County
P.I. No. 662420

OFFICE Atlanta, Ga.

DATE January 22, 1992

FROM *RC* Ron Colvin, P.E., State Traffic & Safety Engineer
TO Robert E. Humphrey, P.E., Project Review Engineer

SUBJECT **Project Concept Report Review**

We have reviewed the concept report on the above project for the "Southeast Rome By-Pass" beginning at S.R. 101 at Preacher Smith Road (CR 96), located south of Rome, and extending East and North a distance of 3.5 miles to U.S. 441/S.R. 20 at Wilbanks Road (G.R. 104). Design speed is 55 MPH.

The proposed typical section consists of a rural (on new location) four lane facility, two 12 ft. lanes in each direction, with a 44 ft. divided grassed median and shoulder widths to meet current design specifications.

We note it was suggested in the Concept Team Meeting Minutes that a right-in/right-out access be furnished for the Midway School property.

The concept provides for safety and operational capacity. Therefore, approval is recommended.

RC:LEO:lw

Attachment (signature page)

cc: David Studstill, State Env./Loc. Eng.; Felton Rutledge, D.E. -
Cartersville

PROJECT CONCEPT REPORT

DATE: DECEMBER 13, 1991

PROJECT NUMBER: EDS-27(127)

COUNTY: FLOYD

PROJECT NAME: S.E. ROME BY-PASS

P.I. NUMBER: 662420 U.S. ROUTE NO: N/A STATE ROUTE NO: N/A

LOCATION

BEGINNING AT S.R.101 AT PREACHER SMITH ROAD (C.R. 96) SOUTH OF ROME AND EXTENDING EAST AND NORTH FOR A DISTANCE OF 3.5 MILES TO U.S.411/S.R.20 AT WILBANKS ROAD (C.R.104)

TRAFFIC

<u>CURRENT</u>		<u>PROJECTED</u>	
<u>YEAR</u>	<u>AADT</u>	<u>YEAR</u>	<u>AADT</u>
1997	6,025 TO 8,250	2017	10,150 TO 14,700

PDP CLASSIFICATION

FUNCTIONAL CLASSIFICATION

MAJOR NEW LOCATION

RURAL MINOR ARTERIAL

EXISTING TYPICAL SECTION

N/A

POSTED SPEED

MAX EXIST DEGREE OF CURVE

MAX EXIST GRADE

N/A

N/A

N/A

EXISTING MAJOR STRUCTURES

<u>P.RTG</u>	<u>S.RTG</u>	<u>FEATURES INTERSECTED</u>	<u>No. BARRELS</u>	<u>HEIGHT</u>	<u>WIDTH</u>	<u>LENGTH</u>
N/A						

PROJECT NEED: THE PROPOSED SOUTHEAST ROME BY-PASS, OF WHICH THIS IS THE FIRST PHASE, AND THE NEARLY COMPLETED EAST ROME BY-PASS ARE ESSENTIAL IN THE EFFORT TO REDUCE THE TRAVEL DEMANDS ON THE EXISTING U.S.27 CORRIDOR TO AND THROUGH ROME, GEORGIA.

PROJECT CONCEPT REPORT

PROJECT NUMBER: EDS-27(127)

PROPOSED TYPICAL SECTION

RURAL NEW LOCATION-4-LANES WITH 44' DIVIDED MEDIAN (48' PAVEMENT) MINIMUM RIGHT-OF-WAY OF 250 FEET (SEE TYPICAL SECTION SKETCH).

DESIGN SPEED

55 MPH

MAX DEGREE OF CURVE

ALLOWABLE: 6°00'

PROPOSED: 2°00'

MAX GRADE

ALLOWABLE: 4.5%

PROPOSED: 2.0%

MAJOR STRUCTURES

1-TRIPLE 5 x 4 x 120 BOX CULVERT AT TRIBUTARY TO ETOWAH RIVER

2-TRIPLE 10 x 9 x 200 BOX CULVERTS AT TRIBUTARIES TO ETOWAH RIVER

TYPE ACCESS: PARTIAL CONTROLLED

TRAFFIC CONTROL DURING CONSTRUCTION: TRAFFIC WILL BE MAINTAINED ON EXISTING CROSS ROADS BY USE OF STAGED CONSTRUCTION AND DETOURS AS NECESSARY.

ESTIMATED COST:

CONSTRUCTION: \$ 8,824,000

RIGHT-OF-WAY: \$ 4,027,000

E&C (10%): \$ 882,000

ACQUIRED BY: D.O.T.

INFLATION: \$ 995,000

UTILITIES: COST ESTIMATE REQUESTED

2 yrs at 5% per yr

ADJUSTED BY: LGPA

TOTAL CONST. COST: \$ 10,701,000

DISPLACEMENTS: 19 RESIDENCES, 3 MOBILE HOMES

LEVEL OF ENVIRONMENTAL ANALYSIS: ENVIRONMENTAL ASSESSMENT

LEVEL OF PUBLIC INVOLVEMENT: PUBLIC HEARING (TO BE SCHEDULED)

TIME SAVING PROCEDURES APPROPRIATE: NO

DESIGN VARIATIONS REQUIRED: NONE

PROJECT CONCEPT REPORT

PROJECT NUMBER: EDS-27(127)

OTHER PROJECTS IN AREA: F-012-1 (LOOP) EAST, NORTH, AND WEST ROME BY-PASS PROJECTS.

BRMLB-3749(1) CR633/REECEBURG RD. @ SILVER CREEK

CONCEPT TEAM MEETING DATE: NOVEMBER 14, 1991

LOCATION INSPECTION DATE: N/A

PERMITS REQUIRED: 404 (PRELIMINARY INDICATIONS NO WETLANDS IMPACTED)

UNDERGROUND STORAGE TANKS: NONE KNOWN

HAZARDOUS WASTE SITES: NONE KNOWN

OTHER ALTERNATES CONSIDERED: SHIFTING THE PROPOSED LINE TO THE EAST SIDE OF THE SOUTHERN NATURAL GAS COMPANY'S PIPELINES PARALLELING BOYD VALLEY ROAD WAS CONSIDERED, BUT THE CROSSINGS OF THESE PIPELINES ARE COST PROHIBITIVE. AS THIS PROJECT JOINS THE ALREADY UNDER CONSTRUCTION NORTH ROME BY-PASS, THE NORTH TERMINUS OF THE PROJECT IS SET.

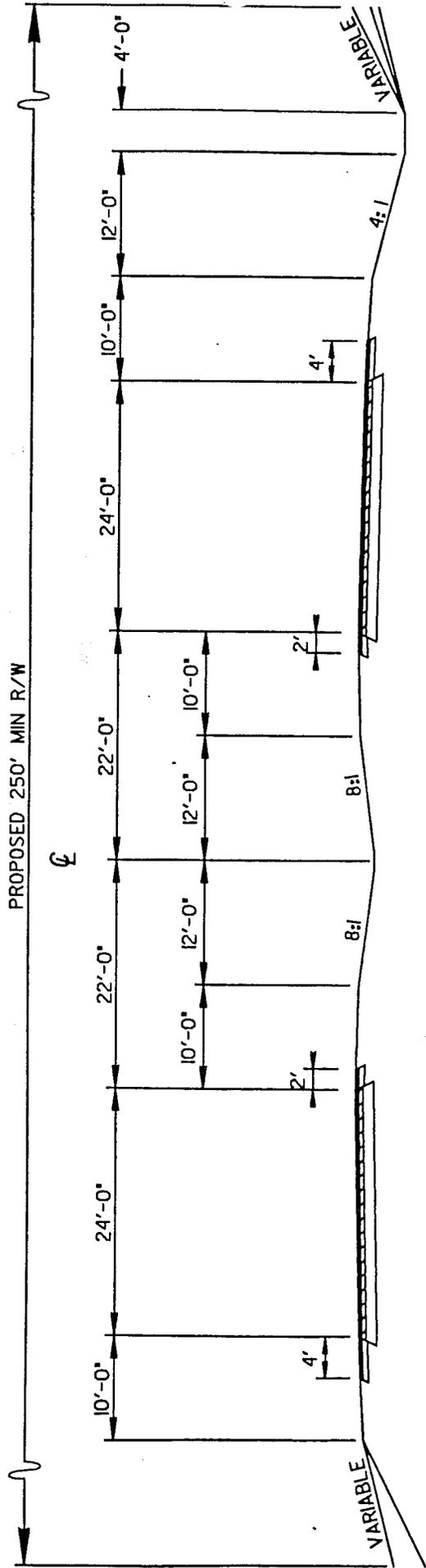
COMMENTS: CONSTRUCTION CONSIDERATIONS OF THE SECOND PHASE OF THIS PROJECT (U.S.27 TO S.R. 101) AND THE WEST ROME BY-PASS MAKE THIS THE MOST FEASIBLE ROUTE. POSSIBLE 4f AS LINE ENCROACHES ON SCHOOL PROPERTY AT S.R.101.

ATTACHMENTS: STRIP MAP

TYPICAL SECTION

PRELIMINARY COST ESTIMATE

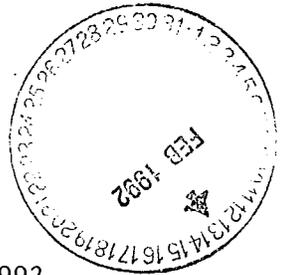
CONCEPT TEAM MEETING MINUTES



TYPICAL CROSS SECTION
 EDS-27(127), FLOYD COUNTY
 SOUTHEAST BY-PASS
 NOT TO SCALE

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE



FILE EDS-27(127) Floyd County
P.I. No. 662420

OFFICE Atlanta

DATE Feb. 12, 1992

FROM *Roland Hinners*
Roland Hinners, P.E., State Road & Airport Design Engineer

JPB

TO Robert Humphrey, Project Review Engineer

SUBJECT Concept Report - Southeast Rome Bypass

This office concurs with the concept on this project as written. Attached is a signed cover sheet for your use.

RH:MG:bc
Attachment

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA



INTERDEPARTMENT CORRESPONDENCE

FILE **EDS-27(127) FLOYD** OFFICE **Cartersville**
P.I. No. 662420 DATE **January 29, 1992**

FROM **Felton D. Rutledge, District Engineer**

TO **David E. Studstill, P.E., State Environmental/Location Engineer**

SUBJECT **CONCEPT REPORT APPROVAL**

Attached is the approval sheet for the Concept Report on the above file project for your further handling.

If we may be of further assistance, please advise.

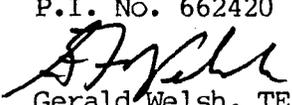
William H. McVey
Preconstruction Engineer
District Six

FDR:WHM:djd

Attachment

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE EDS 27 (127) Floyd County OFFICE Environment/Location
P.I. No. 662420

FROM Gerald Welsh, TE I DATE November 14, 1991
TO Distribution below
SUBJECT CONCEPT TEAM MEETING MINUTES - Southeast Rome By-pass

On Thursday, November 14, 1991, at 10:30 a.m., a Concept Team Meeting for the proposed Southeast Rome By-pass project in Floyd County was held at the office of Environment/Location. Representing the local officials were State Senator Richard O. Marable, Representative Buddy Childers, Representative Paul Smith; Rome City Manager, John Bennett; Rome Public Works Director, W. Kirk Milan; Floyd County Public Works Director, Rodger Swaim; and Tom Sills of the Rome-Floyd Planning Commission. Lori Kennedy and Bart Bergendall of the FHWA were in attendance. Utility Representatives present were Patricia D. Bryant, Southern Bell; Bill McCain, Southern Natural Gas; Robert Gardner and Stephen Wassell, Atlanta Gas Light; Jim Keck, Scripps/ Howard Cable; and Tony Rogers and Larry Hix of Georgia Power. Attending the meeting from Programming: Percy Middlebrooks from planning: Meg Bryson, from Road Design: Mike Ganaway, from the District Office in Cartersville: Bill McVey, from Right-of-Way: Robert Sammons, from Traffic and Safety: Del Clippard, from Materials and Research: Sam Crisler, from Bridge Design: Anthony Belcher, from the Office of Environment/Location: David Studstill, Jerry Hobbs, Herman Hadarits, Fred Matheny, Gerald Welsh, John Richard, John Hendon, and Jack Burnside.

The meeting was opened by Jerry Hobbs who gave a brief description of the project. The project was then described in detail by Gerald Welsh.

The proposed project begins at S.R. 101 at Preacher Smith Road (C.R. 96) south of Rome and extends east and north for a distance of 3.5 miles. The typical section for the project will be four 12-foot travel lanes with a 44' grassed median. The proposed minimum R/W is 250'. The proposed route intersects, at grade, Pleasant Valley Road (C.R.94) and Chulio Road (C.R.639). Access is provided for Callier Springs Road and McBurnett Road. The project ends at U.S.411 at the southern terminus of the North Rome By-pass near Wilbanks Road (C.R.104). The design speed of the project is 55 MPH, access control is partial limited. The displacements on this project include 19 residences and 3 mobile homes. No wetlands will be impacted.

The project concept was reviewed and the following comments and recommendations were made:

LOCAL OFFICIALS

The time frame for this project is a fiscal year 1995 let date.

There may be fewer than 22 displacements, that is a conservative estimate..

Continued

There may be a public park on the line near the school. This will be investigated.

The question of the Atlanta/Memphis highway came up, but no specific information is known. It was suggested that that facility would be a limited access, not the same type as U.S.411.

The 250' minimum right-of-way is a conservative figure used because of the terrain in the area. If reducing the requirement is possible, it will be narrowed.

It was asked why the proposed line is not on the east side of the gas lines parallel to Boyd Valley Road. It was explained that the cost of crossing the pipelines is prohibitive: approx \$300,000 per crossing, and that if this project crosses it, it will have to cross it twice.

ROAD DESIGN

The need to be at or near grade alongside the gas pipeline so as to avoid undercutting or encroaching on the pipeline was explained. The terrain there should present no problem with this.

It was asked whether the line at the Chulio Rd. intersection is in tangent. It is.

TRAFFIC AND SAFETY

When advised of the presence of a school near the project beginning, it was suggested that a right-in right-out access might be provided.

EAB

EAB will make an environmental assessment.

PLANNING

Meg Bryson delivered need and purpose statement.

SCHEDULE

Percy Middlebrooks said that a schedule could not be set until the approval of the concept report.

UTILITIES

Atlanta Gas Light said that they have a major line along Pleasant Valley Rd.

Southern Natural Gas said that their line located near the proposed intersection with U.S.411 may require relocation if the line remains as proposed. It was explained that the proposed line would have to be in line with the existing north Rome By-pass.

Continued

ASSIGNMENTS

DISTRICT: Prepare U.S.T. & Hazardous Waste Site survey forms and utility cost estimate.

GW

Distribution: Wayne Hutto
Ronald Collins/Attn: Melvin Collins
Herman Griffin
Kirby Hamil
Roland Hinners
Paul Liles
Ronald Colvin
Robert Humphrey
Dudley Ellis
Don Welch
Toni Dunagan
Ron Brown
Rowe Bowen
Wink Kirk
Felton Rutledge/Cartersville District

PRELIMINARY COST ESTIMATE

OFFICE OF ENVIRONMENT/LOCATION

P. I. NO: 662420

DATE: 12-11-1991

PROJECT NO: EDS 27 (127)

PROJECT NAME: SOUTHEAST ROME BY-PASS

COUNTY: FLOYD

PROJECT DESCRIPTION: SOUTHEAST BY-PASS OF ROME BEGINNING AT S. R. 101 AT
PREACHER SMITH ROAD AND EXTENDING EAST AND NORTH TO U. S. 411/S. R. 20 AT
WILBANKS ROAD

PROJECT LENGTH: 3.500 MILES

SECTION LENGTH: 3.480 MILES

TYPICAL SECTION:

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

Minimum R/W = 250 ft

EXISTING ROADWAY (If Applicable): NEW LOCATION UTILIZING SOME EXISTING R/W

TRAFFIC:

INITIAL DESIGN YEAR: 1997

DAILY VOLUME (AADT): 8,250

FINAL DESIGN YEAR: 2017

DAILY VOLUME (AADT): 14,700

FEASIBILITY STUDY PRE-PROGRAMMING PROCESS PROGRAMMING PROCESS

COMMENTS:

PREPARED BY: GFW

PROJECT COSTS

A. RIGHT-OF-WAY

1. PROPERTY (Land and Easements)	\$ 663,000
2. DISPLACEMENTS	\$ 1,862,000
3. OTHER COST	\$ 1,502,000

SUBTOTAL \$ 4,027,000

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
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3. BRIDGE OVER/UNDERPASS	\$ 0
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4. BOX CULVERTS	\$ 631,000
TR 5X4 AND 2 TR 10X9 AT TRIBUTARIES TO ETOWAH RIVER	

SUBTOTAL \$ 631,000

D. GRADING AND DRAINAGE

1. EARTHWORK

a. UNCLASSIFIED EXCAVATION SOIL	\$ 1,626,000
813,000 CY @ \$2.00	
b. UNCLASSIFIED EXCAVATION ROCK	\$ 1,337,000
191,000 CY @ \$7.00	
c. BORROW EXCAVATION	\$ 0
0 CY @ \$3.00	

2. DRAINAGE

a. MINOR DRAINAGE (INCLUDING CROSS DRAIN PIPES & LONGITUDINAL SYSTEM)	\$ 286,000
3.480 MILES @ \$82,080	
b. CURB AND GUTTER	\$ 0
0 LF @ \$8.22	

SUBTOTAL \$ 3,249,000

ESTIMATE SUMMARY

		SECTION COST (per mile)
A. RIGHT-OF-WAY.....	\$ 4,027,000	\$ 1,157,000
B. REIMBURSABLE UTILITIES.....	\$ 0	\$ 0

CONSTRUCTION COST SUMMARY

C. MAJOR STRUCTURES.....	\$ 631,000	
D. GRADING AND DRAINAGE.....	\$ 3,249,000	
E. BASE AND PAVING.....	\$ 3,064,000	
F. LUMP ITEMS.....	\$ 875,000	
G. MISCELLANEOUS.....	\$ 793,000	
H. SPECIAL FEATURES.....	\$ 212,000	
 SUBTOTAL CONSTRUCTION COST.....	\$ 8,824,000	\$ 2,536,000
 E. & C. (10%).....	\$ 882,000	
 INFLATION... 2 yr(s) @ 5% per year	\$ 995,000	
 TOTAL CONSTRUCTION COST.....	\$ 10,701,000	\$ 3,075,000

GRAND TOTAL CONSTRUCTION COST \$ 14,728,000 \$ 4,232,000

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