

ORIGINAL TO GENERAL FILES

D.O.T. 66

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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**INTERDEPARTMENT CORRESPONDENCE**

**FILE** STP-167-1(14)/BHF-167-1(12) Floyd County **OFFICE** Preconstruction  
P. I. Nos. 632760 / 620900  
*CWH* **DATE** August 16, 1999  
**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:

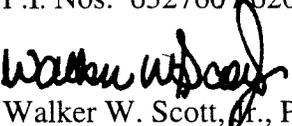
Walker Scott  
Bobby Mustin  
David Studstill (ATTN: Harvey Keeper)  
Jerry Hobbs  
Herman Griffin  
Georgene Geary (ATTN: Michael Henry)  
Marion Waters  
Marta Rosen  
Paul Liles  
Don Mills  
Joe Palladi  
Charles Law

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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**INTERDEPARTMENT CORRESPONDENCE**

**FILE** STP-167-1(14) / BHF-167-1(12) Floyd County **OFFICE** Preconstruction  
P.I. Nos. 632760 / 620900  
**DATE** July 13, 1999

**FROM**   
Walker W. Scott, Jr., P.E., Director of Preconstruction

**TO** Wayne Shackelford, Commissioner

**SUBJECT PROJECT CONCEPT REPORT**

This project is the addition of ramps to the US 27/US 411 interchange at SR 101, Maple Avenue, and East 12th Street in Floyd County. The project will add direct access from US 27 southbound to SR 101 and from Maple Avenue to US 27/US 411 westbound. Additionally it will improve access from SR 101 to US 27 and US 411 at East 12th Street. This new access should decrease the volume of traffic using SR 101 and avoid the need to increase capacity in this existing business district. North of US 27/US 411 interchange, SR 101/Dean Avenue is heavily developed with commercial businesses and a city school. Development on Maple Avenue consists of residences and commercial businesses. The Floyd County Comprehensive Land Use Plan projects future land use patterns to remain the same along SR 101, Maple Avenue and in the vicinity of the US 27/US 411 interchange.

In 1987, a transportation project was added to the FRUTS Long Range Transportation Plan to widen SR 101/Dean Avenue. To meet projected increasing traffic demands in the corridor, SR 101/Dean Avenue was proposed to be widened to four lanes with a 20' raised median from east 12th Street to CR 740/Saddle Trail. In 1995, local officials and citizens expressed concern over the severe right-of-way impacts the widening project would have on the surrounding businesses, which are located close to the street. The study showed that if the interchange is improved with additional ramps to provide access between SR 101, US 27, and US 411, a majority of the SR 101/Dean Avenue traffic could be diverted.

The existing SR 101/Dean Avenue consists of two- three lanes undivided roadway with mixed urban and rural shoulders. State Route 1/SR 20/SR 53 consists of a four lane divided section with a variable width median and mixed urban and rural shoulders. The existing interchange lane configurations are insufficient to accommodate design year traffic. The base year traffic (2003) varies from 17,400 to 32,750 VPD and the design year traffic (2023) varies from 27,750 to 41,500 VPD. The improvements of the interchange will reduce the number of accidents occurring along the project limits. A history of accidents along the project termini (between the years 1995-1997) indicates a total of 172 accidents, including rear end collisions, sideswipes, and angle accidents.

STP-167-1(14) / BHF-167-1(12) Floyd

July 13, 1999

Project STP-167-1(14) consists of the widening of SR 101/Dean Avenue from Lombardy Way to north of East 19th Street from two and three lanes to four lanes with a 20' raised median. Fly-over ramps are proposed to relocate northbound SR 101 from the SR 101/SR 20 interchange to East 12th Street and southbound SR 101 from East 12th Street south to the SR 101/SR 20 interchange. The existing loop ramp from southbound SR 1 to East 12th Street is being realigned to tie into the proposed southbound SR 101 fly-over ramp. The existing northbound exit ramp from SR 1 to East 12th Street is being realigned across from 2nd Avenue from southbound. State Route 53 is being realigned to accommodate a new loop from Maple Avenue to southbound SR 53. Project BHF-167-1(12) is a companion bridge project on SR 101 over SR 20 and will be let in conjunction with STP-167-1(14).

The proposed major structures are as follows:

1. Bridge widening on relocated SR 101 over East 19th Street (SBL and NBL)
2. Bridge widening on SR 53 southbound over Maple Avenue
3. Bridge widening on SR 53 southbound over Norfolk Southern Railroad
4. Bridge replacement on SR 101/Dean Avenue over SR 20 (EBL and WBL)
5. New bridge on relocated SR 101 northbound over SR 1
6. New tunnel-ramp to relocated SR 101 southbound from SR 1 southbound
7. New bridge on relocated SR 101 southbound over SR 1 southbound
8. New bridge on relocated SR 101 southbound over SR 20 westbound
9. New bridge on relocated SR 101 southbound over SR 1 northbound
10. New bridge on relocated SR 101 southbound over SR 20 eastbound

The posted speed design for SR 101/Dean Avenue is 35 MPH. However, the current speed ordinance issues a speed limit of 50 MPH and 45 MPH. This office recommends initiatives be taken to change the ordinance to 35 MPH. Additional right-of-way is required to implement this project. Traffic will be maintained utilizing staging and possibly detours during construction.

Environmental concerns include requiring a COE 404 permit; an Environmental Assessment will be prepared; a public hearing is required; 98 displacements - 75 residences, 16 businesses, and 7 mobile homes; three UST sites impacted; one possible hazardous waste site; time saving procedures are not appropriate.

The estimated costs for these projects are:

STP-167-1(14)

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG DATE</u>	<u>LET DATE</u>
Construction (includes E&C and inflation)	\$22,221,000	\$10,800,000	LR	04-07
Right-of-Way	\$36,542,000	\$ 500,000		
Utilities*	-----			

STP-167-1(14) / BHF-167-1(12) Floyd

July 13, 1999

BHF-167-1(12)

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG DATE</u>	<u>LET DATE</u>
Construction (includes E&C and inflation)	\$3,411,000	\$1,375,000	LR	LR
Right-of-Way	-----	-----		
Utilities*	-----			

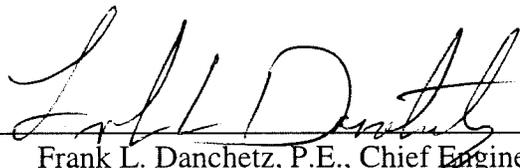
\*LGPA to be sent.

This project will improve safety and operations along this section of roadway. I recommend this project concept be approved.

WWS:JDQ/cj

Attachment

CONCUR



Frank L. Danchetz, P.E., Chief Engineer

APPROVE



Wayne Shackelford, Commissioner

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
PROJECT CONCEPT REPORT**

**PROJECT: STP-167-1(14) & BHF-167-1(12)**

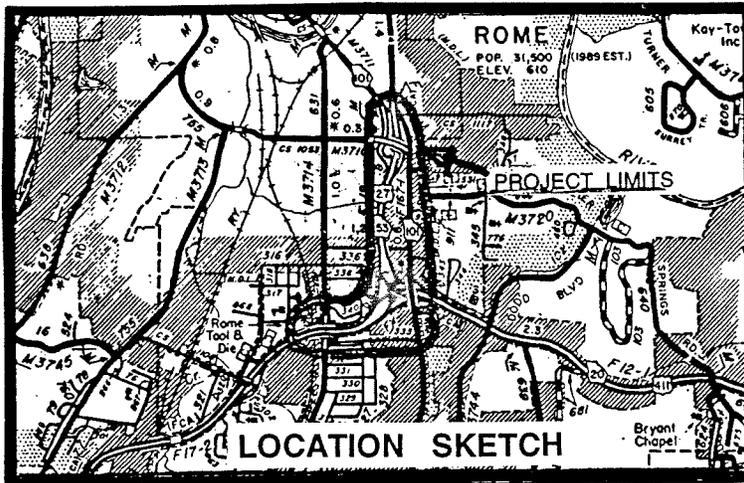
S.R. 101/Dean Avenue at S.R. 20/U.S. 411 in Rome & S.R. 101/S of Rome over S.R. 20

Floyd County

U.S. Route No.: U.S. 27, 411

State Route No.: S.R. 1, 20, 53, 101

GDOT P.I. NO.: 620900, 632760



Date of Report: May 3, 1999

**RECOMMENDATION FOR APPROVAL**

5/4/99

*Joseph P. Hall*

Date

State Urban Design Engineer

Date

State Environmental/Location Engineer

Date

State Traffic Operations Engineer

Date

State Bridge And Structural Design Engineer

Date

District Engineer

Date

Project Review Engineer

Date

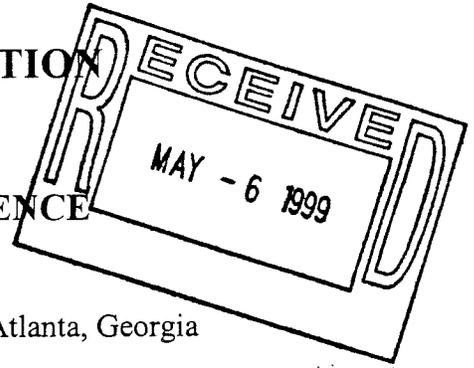
State Transportation Planning Administrator

Date

State Transportation Program Engineer

**NOTE:** This project is contained in the Regional Transportation Plan (RTP) and/or in the Statewide Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the RTP and/or the STIP.

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**  
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**INTERDEPARTMENT CORRESPONDENCE**



**FILE:** STP-167-1(14) & BHF-167-1(12) Floyd      **OFFICE:** Atlanta, Georgia  
P.I. Numbers 632760 & 620900  
**DATE:** May 6, 1999

**FROM:** Bob Mustin, Project Review Engineer *DTM*  
**TO:** Wayne Hutto, Assistant Director of Pre-construction  
**SUBJECT:** **CONCEPT REPORT**

We have reviewed the concept report submitted May 5, 1999 by the letter from Joseph Palladi dated May 3, 1999, and have the following comment:

1. Since the State Route 101 bridges over State Route 20 have sufficiency ratings of 79, and cost estimates do not indicate it is cheaper to replace than widen, they do not qualify for bridge replacement funds.

The costs for the projects are:

	<b>STP-167-1(14)</b>	<b>BHF-167-1(12)</b>
Construction	\$15,412,000	\$2,457,000
Inflation	\$ 3,339,000	\$ 532,000
E&C	\$ 1,875,000	\$ 299,000
Preliminary Engineering	\$ 771,000	\$ 123,000
Reimbursable Utilities	\$ 824,000	\$ 0
Right of Way	\$36,542,000	\$ 0

DTM

c: Joe Palladi

## PROJECT CONCEPT REPORT

Date: May 3, 1999  
Prepared by: Daveitta Jenkins

**PROJECT NO.:** STP-167-1(14) & BHF-167-1(12)      **P.I. NO.:** 632760 & 620900

### **PROJECT DESCRIPTION:**

Project **STP-167-1(14)** consists of the widening of S.R. 101/Dean Avenue from Lombardy Way north to East 19<sup>th</sup> Street from two/three lanes to four lanes with a 20-foot raised grassed median. Fly-over ramps are proposed to relocate northbound S.R. 101 from the S.R.101/S.R. 20\* interchange to East 12<sup>th</sup> Street and southbound S.R. 101 from East 12<sup>th</sup> Street south to the S.R. 101/S.R. 20 interchange. The existing loop ramp from southbound S.R. 1\* to East 12<sup>th</sup> Street is being realigned to tie into the proposed southbound S.R. 101 fly-over ramp. The existing northbound exit ramp from S.R. 1 to East 12<sup>th</sup> Street is being realigned across from 2<sup>nd</sup> Avenue to form a four-leg intersection with East 12<sup>th</sup> Street. The existing exit ramp to Maple Avenue from southbound S.R. 53\* is being realigned to accommodate a new loop ramp from Maple Avenue to southbound S.R. 53.

Project **BHF-167-1(12)** is a companion bridge replacement project on S.R. 101 over S.R. 20. The existing two lane bridges on S.R. 101 over eastbound S.R. 20 and westbound S.R. 20 will be replaced with a single four-lane bridge with a 20-foot raised median. This project is to be let in conjunction with STP-167-1(14).

**U.S. ROUTE NO.:** 27 & 411      **STATE ROUTE NO.:** 1, 20, 53, 101

**LOCATION:** S.R. 101/Dean Avenue at S.R. 1/S.R. 20/S.R. 53 in Rome.

**PROJECT LENGTH:** STP-167-1(14) – 1.16 miles along S.R. 101 and relocated S.R. 101  
(flyover ramps)  
BHF-167-1(12) - .09 miles

### **TRAFFIC PROJECTIONS:** (two-way ADT)

2003: 17,400 ADT;	2023: 27,050 ADT (S.R. 101)
2003: 32,750 ADT;	2023: 46,500 ADT (S.R. 1)
2003: 26,500 ADT;	2023: 41,500 ADT (S.R. 20)
2003: 25,500 ADT;	2023: 39,750 ADT (S.R. 53)

**PDP CLASS:** Major Project    **NON-CA:** ( )    **CA:** ( )    **EXEMPT:** (X)

**FUNCTIONAL CLASSIFICATION:** Urban Minor Arterials – State Routes 1, 20, 53 & 101

**\*NOTE:** Due to the numerous combinations of State Routes and U.S. Routes within the project corridor, certain “common names” have been adopted herein for ease of reference. Please refer to the attached project layout map to determine the associated State and U.S. Route numbers.

## EXISTING CONDITIONS

**TYPICAL SECTION:** S.R. 101/Dean Avenue - 2-3 lanes, undivided with mixed urban and rural shoulders  
2-lane bridge on S.R. 101 over S.R. 20  
S.R. 1/S.R. 20/S.R. 53 - 4 lanes, divided with variable median and mixed urban and rural shoulders.

**POSTED SPEED LIMIT:** 35 mph S.R. 101/Dean Avenue  
50 mph S.R. 1, 20 & 53

**MAX. DEGREE OF CURVE:**

Loop Ramp	38° 12' 00" (150' R)
S.R. 101/Dean Avenue	14° 00' 00"
S.R. 1 & S.R. 53	12° 23' 00"
S.R. 20	7° 56' 00"

**MAXIMUM GRADE:**

Loop Ramp	5.3 %
S.R. 101/Dean Avenue	6.2 %
S.R. 1, S.R. 20 & S.R. 53	5.0 %

### **MAJOR STRUCTURES:**

1. Structure I.D. No. 115-0013-0, Bridge on S.R. 1 northbound over East 19<sup>th</sup> Street (Sufficiency Rating 79.0)
2. Structure I.D. No. 115-0014-0, Bridge on S.R. 1 southbound over East 19<sup>th</sup> Street (Sufficiency Rating 89.0)
3. Structure I.D. No. 115-0011-0, Bridge on S.R. 53 southbound over Maple Ave. (Sufficiency Rating 76.5)
4. Structure I.D. No. 115-0009-0, Bridge on S.R. 53 southbound over Norfolk Southern railroad (Sufficiency Rating 77.3)
5. Structure I.D. No. 115-0047-0, Bridge on S.R. 101/Dean Ave. over S.R. 20 eastbound (Sufficiency Rating 79.0)
6. Structure I.D. No. 115-0048-0, Bridge on S.R. 101/Dean Ave. over S.R. 20 westbound (Sufficiency Rating 79.0)

**ACCIDENT HISTORY:** The following is a summary of the accident data available for S.R. 101 within the project limits:

	<u>1995</u>	<u>1996</u>	<u>1997</u>
Total Accidents:	63	55	54
Total Fatalities:	0	0	0
Total Injuries	18	25	25
Accident Rate:	555	445	432
Injury Rate:	159	202	200

Statewide Average for Urban Minor Arterial Section: (rates are per 100 million vehicle miles of travel)

Accident Rate:	549	525	N/A
Injury Rate:	263	246	N/A

**NEED AND PURPOSE OF PROJECT:** See attached Need and Purpose Statement.

### PROPOSED DESIGN

**SPEED DESIGN:** 35 mph Fly-over Ramps/Relocated S.R. 101  
35 mph northbound exit ramp to East 12<sup>th</sup> Street  
35 mph southbound exit to Maple Avenue  
25 mph loop ramp from Maple Avenue to S.R. 53  
35 mph S.R. 101/Dean Avenue  
50 mph S.R. 1, 20 & 53

<b>MAXIMUM DEGREE OF CURVE:</b>	<u>Allowed</u>	<u>Used</u>
Fly-over Ramps/Relocated S.R. 101 ( $e_{max}=.08$ )	17° 30' 00"	8° 6' 54"
Loop Ramp ( $e_{max}=.08$ )	38° 7' 30"	38° 7' 30"
S.R. 101/Dean Ave ( $e_{max}=.04$ )	14° 30' 00"	14° 4' 12"
S.R. 53 ( $e_{max}=.08$ )	7° 30' 00"	7° 0' 00"
S.R. 1 & 20	Unchanged	

<b>MAXIMUM GRADE:</b>	<u>Allowed</u>	<u>Used</u>
Fly-over Ramps/Relocated S.R. 101	6.0%	6.0%
Loop Ramp from Maple Avenue to S.R. 1/U.S. 411	7.0%	4.9%
S.R. 101/Dean Ave.	6.0%	5.9%
S.R. 53	6.0%	5.0%
S.R. 1 & 20	Unchanged	

**TYPICAL SECTION:** S.R. 101/Dean Avenue: four 12-foot lanes with a 20-foot raised median, urban shoulders, and sidewalk on both sides  
Relocated northbound and southbound S.R. 101: one lane, 16-foot ramps with 10 foot shoulders  
(See attached Typical Sections)

### **MAJOR STRUCTURES:**

1. Bridge widening on Relocated S.R. 101 northbound over East 19<sup>th</sup> Street
2. Bridge widening on Relocated S.R. 101 southbound over East 19<sup>th</sup> Street
3. Bridge widening on S.R. 53 southbound over Maple Ave.
4. Bridge widening on S.R. 53 southbound over Norfolk Southern railroad
5. Bridge replacement on S.R. 101/Dean Ave. over S.R. 20 eastbound
6. Bridge replacement on S.R. 101/Dean Ave. over S.R. 20 westbound
7. New bridge on relocated S.R. 101 northbound over S.R. 1
8. New tunnel - ramp to relocated S.R. 101 southbound from S.R. 1 southbound
9. New bridge on relocated S.R. 101 southbound over S.R. 1 southbound
10. New bridge on relocated S.R. 101 southbound over S.R. 20 westbound
11. New bridge on relocated S.R. 101 southbound over S.R. 1 northbound
12. New bridge on relocated S.R. 101 southbound over S.R. 20 eastbound

**TYPE OF ACCESS:** By Permit on S.R. 101

Limited access on relocated S.R. 101, S.R. 1, S.R. 20 & S.R. 53 and all ramps.

**TRAFFIC CONTROL DURING CONSTRUCTION:** Staged construction; Traffic will be maintained at all times. Detours may be required.

**DESIGN EXCEPTIONS/VARIANCES REQUIRED:** None anticipated.

**ESTIMATED COST:**

ITEM	
RIGHT OF WAY	\$ 36,542,000
UTILITIES (Reimbursable)	\$ 1,049,000
UTILITIES (Non-Reimbursable)	\$ 1,858,260
CONSTRUCTION STP-167-1(14)	\$ 20,625,669
CONSTRUCTION BHF-167-1(12)	\$ 3,288,264
<b>TOTAL CONSTRUCTION</b>	<b>\$ 23,913,933</b> (includes 5 years inflation @ 4% and 10% E & C )

**DISPLACEMENTS:** 7 Mobile Homes, 75 Residential, 16 Business

**PERMITS REQUIRED** (COE 404, etc.): COE 404

**LEVEL OF ENVIRONMENTAL ANALYSIS:** Environmental Assessment

**LEVEL OF PUBLIC INVOLVEMENT:** Public Hearing required.

**TIME SAVING PROCEDURES APPROPRIATE:** No.

**OTHER PROJECTS IN AREA:**

STP-167-1(13), Floyd County  
S.R. 101 from C.R. 740/C.S. 899 North to Lombardy Way  
Let Date: LR  
Concept Meeting: June 1995

BRM-3711(8), Floyd County  
S.R. 101 over Etowah River in Rome  
Let Date: December 1999

STP-012-1(105), Floyd County  
S.R. 1/Turner McCall Blvd. from Riverbend Dr. to MLK Blvd./S.R. 53  
Let Date: LR

**CONCEPT TEAM MEETING DATE:** February 2, 1999

**LOCATION INSPECTION DATE:** Sight visit prior to preparation/recommendation of Concept

**RAILROAD INVOLVEMENT:** Bridge widening on S.R. 53 over Norfolk Southern railroad. No adverse impacts anticipated.

**POSSIBLE UNDERGROUND STORAGE TANK SITES:**

1. B & R Auto Sales, Dean Ave.
2. Cowboys #5 BP, 1801 Dean Ave.
3. County Cupboard, 818 Dean Ave.

**POSSIBLE HAZARDOUS WASTE SITES:** Auto Collision, 1115 2<sup>nd</sup> Avenue

**ALTERNATES CONSIDERED:**

- Loop ramp from S.R. 101/Dean Avenue to northbound relocated S.R.101 flyover/East 12<sup>th</sup> Street
- Widening S.R. 101/Dean Avenue to a 4-lane with a 20-foot raised median from the S.R. 101/S.R. 20 interchange north to East 12<sup>th</sup> Street
- No Build

**COMMENTS:** A suggestion was made by local government officials that direct access be provided from the proposed northbound S.R. 101 fly-over ramp to northbound S.R. 1 (Turner McCall Boulevard). After performing additional weaving, merging/diverging, and signage analyses, a transfer ramp from the northbound S.R. 101 fly-over ramp to northbound S.R. 1 has been incorporated into the project concept. This transfer ramp will contribute to relieving thru traffic on existing S.R. 101 and improve access to S.R. 1.

A suggestion was also made to retain the existing loop ramp from southbound S.R. 1 to East 12<sup>th</sup> Street. After further investigation, it is not possible to retain the existing loop ramp due to its close proximity to the gore area of the proposed southbound exit ramp to Relocated S.R. 101. Also, there is inadequate space for a loop ramp in conjunction with the proposed intersection at Relocated S.R. 101/East 12<sup>th</sup> Street and realignment of S.R. 101 that is very near an identified historic district.

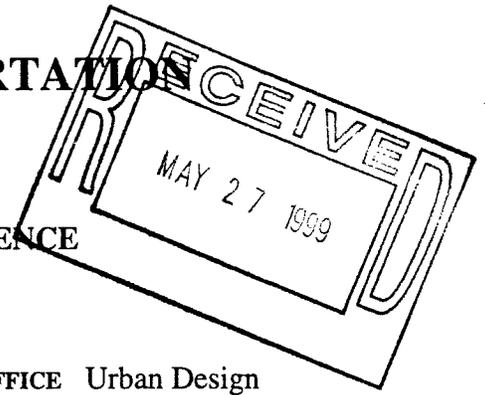
As requested at the Concept Team Meeting, a left-turn lane has been provided from northbound S.R. 101/Dean Avenue to westbound East 19<sup>th</sup> Street.

Also as requested, the roadways have been realigned in the northwest quadrant of S.R. 101/East 12<sup>th</sup> Street intersection to reduce the right-of-way impacts to the historic properties noted at the Concept Team Meeting.

**ATTACHMENTS:** Concept Meeting Minutes, Concept Meeting Attendance Sheet, Need and Purpose Statement, Typical Sections, Traffic Diagrams, Cost Estimate, Location Sketch Map, Concept Layout Sketch

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**



**FILE** STP-167-1(14) & BHF-167-1(12), Floyd County  
S.R. 101 at S.R. 20/U.S. 411 in Rome  
P.I. Nos. 632760 & 620900  
**OFFICE** Urban Design  
**DATE** 05/20/99

**FROM**  Daveitta Jenkins, Design Engineer III

**TO** File

**SUBJECT** Revised Concept Meeting Minutes

A concept team meeting was held on Tuesday, February 2, 1999 at 10:00 am in the Georgia Department of Transportation Urban Design Conference Room, No. 2 Capitol Square, Atlanta, GA. All persons in attendance are listed under the attached attendance sheet.

Project **STP-167-1(14)** is located at S.R. 101/Dean Avenue at S.R. 20/U.S. 411 in the city of Rome. The project consists of roadway widening, ramp realignments, and the addition of fly-over ramps. Project **STP-167-1(12)** is a bridge replacement project at S.R. 101 south of Rome over S.R. 20.

After a brief self-introduction of everyone, Daveitta Jenkins (GDOT Urban Design) began the meeting by identifying the major routes on the project. The proposed concept layout and copies of the concept report were presented and discussed. The Need and Purpose Statement was read by Planning Representative Bob Moore. Daveitta then described the major items pertaining to the project including the Functional Classification, Traffic Projections, Existing and Proposed Typical sections, Accident History, Design Criteria, Major Structures, Type of Access, Traffic Control, and Estimated Costs.

Jim Perdue (GDOT Urban Design) followed Daveitta Jenkins by describing the proposed concept using the concept display as an aide. Jim noted that the proposed concept evolved from a prior concept to widen existing S.R. 101 from C.R. 740 north to East 12<sup>th</sup> Street from 2/3-lanes to 4-lanes with a 20-foot raised median. The first concept was reevaluated due to concerns from local government officials about possible impacts to neighboring properties along S.R. 101. The proposed concept consist of widening S.R. 101/Dean Avenue from Lombardy Way north to East 19<sup>th</sup> Street to a 4-lane roadway with a 20-foot raised grassed median. Fly-over ramps are proposed from the S.R. 101/S.R. 20 interchange north to East 12<sup>th</sup> Street and from East 12<sup>th</sup> Street south to the S.R. 101/S.R. 20 interchange. The existing loop ramp from S.R. 1/U.S. 27 to East 12<sup>th</sup> Street is being realigned to tie into the proposed

fly-over ramp southbound to S.R. 101/Dean Avenue. The existing northbound exit ramp from U.S. 27 to East 12<sup>th</sup> Street is being realigned at 2<sup>nd</sup> Avenue. The existing exit ramp to Maple Avenue from S.R. 1/U.S. 411 is being realigned to accommodate a proposed loop ramp from Maple Avenue to S.R. 1/U.S. 411 southbound. Jim described the routes, which would be taken to reach specific destinations with the proposed concept. Project BHF-167-1(12) is to be let in conjunction with STP-167-1(14), as it is defined as the bridge replacement on S.R. 101/Dean Avenue over S.R. 20. The two existing two-lane bridges on S.R. 101 over S.R. 20 will be replaced with one, four-lane bridge with a 20-foot raised concrete median.

Daveitta Jenkins stated that there are 7 mobile home relocations, 75 residential relocations and 16 business relocations.

Jerry Brooks (GDOT Utilities) noted the utilities cost estimates as follows:

Atlanta Gas & Light	\$ 170,379
Georgia Power	\$ 1,059,000
BellSouth	\$ 1,227,811
Water & Sewer (City of Rome)	\$ 450,000

Mary Mitchell (GDOT Environment/Location) stated that there are no impacts to wetlands or archaeological sites and that the project should be a Categorical Exclusion (It was later determined that an Environmental Assessment would result due to the number of residential and business impacts). There is an impact to one waters of the U.S. on the project.

David Adair (GDOT Environment/Location) pointed out the location of the historical district on the display. The East Rome Historical District north of East 12<sup>th</sup> Street and west of Turner McCall Blvd. is listed in the National Registry. Some houses south and north of East 10<sup>th</sup> Street around Notasulga Drive may be eligible for the National Registry. The proposed right-of-way impacts to those parcels should be avoided to alleviate 4f.

Daveitta Jenkins noted the following Hazardous Waste site and Underground Storage Tank (UST) sites:

Hazardous Waste Site: Auto collision, 1115 Second Avenue

UST Sites: B&R Auto Sales, Dean Avenue  
Cowboys #5 BP, 1801 Dean Avenue  
Country Cupboard, 818 Dean Avenue

Reba Scott stated that the right-of-way program date for both projects is fiscal year 2005. Also noted was the need for updated cost estimates.

Daveitta noted that a public hearing will be required.

Daveitta mentioned the concept alternatives considered. One alternative that would be substantially less expensive is to widen S.R. 101/Dean Ave. to a 4-lane with a 20-foot raised

median in lieu of the direct connector ramps from S.R. 101 to East 12<sup>th</sup> Street. This was the original concept that received opposition from local officials. The second alternative is a loop ramp from S.R. 101/Dean Ave northbound to the relocated S.R. 101 flyover ramp to East 12<sup>th</sup> Street in lieu of a standard diamond entrance ramp. The third alternative is the no build option.

**The following comments, questions, and suggestions were noted:**

Ken Estes (GDOT Traffic Operations) voiced concern about the lane drop on the ramp from East 12th Street north to 2<sup>nd</sup> Avenue. There was also concern regarding signing on the northbound S.R. 101 fly-over ramp to East 12<sup>th</sup> Street with the numerous state route destinations.

Mary Mitchell (GDOT Environment/Location) suggested moving the proposed right-of-way limits outside of the historic district to avoid 4f involvement.

Jon Jeffries (Georgia Power) suggested GDOT limit the impact to existing power poles.

Bob Oesterle (BellSouth) voiced concern about the expense of the fiber-optic lines along S.R. 101.

During the general discussion the \$36 million right-of-way cost was questioned. Glenn Bowman (GDOT Urban Design) explained that the proposed right-of-way was conservative and walls could be built to lessen the impacts. Glenn also mentioned that some recent commercial land sales had been discovered to be \$650,000 an acre. Joseph Palladi (GDOT Urban Design) stated that the right-of-way estimate would be reevaluated once more refined plans are developed.

John Bennett and Kirk Milan (City of Rome) voiced many concerns regarding the proposed concept. Their main concern was access between Turner McCall Boulevard and S.R. 101. John Bennett suggested adding direct access from the northbound S.R. 101 fly-over ramp to Turner McCall Boulevard. He explained that the City of Rome desires for Turner McCall Boulevard to remain the predominate route. The City would also like to see access from southbound on Turner McCall Boulevard to East 12<sup>th</sup> Street via the existing loop ramp. Glenn Bowman explained that the Need and Purpose Statement was satisfied with the proposed concept and additional entrance and exit ramps may cause undesirable levels of service in the weaving areas. The objective of the project is to reduce congestion on S.R. 101/Dean Avenue, which would be achieved with the proposed concept. Mr. Bennett expressed concern with the existing access from westbound U.S. 411 to Maple Avenue being removed as well as the need for a left-turn lane northbound on S.R. 101/Dean Ave. onto East 19<sup>th</sup> Street. John also recommended replacing the raised median on S.R. 101/Dean Ave. north and south of the bridge over S.R. 20 with left-turn lanes alleviating the U-turn movements that would be needed to access properties on the eastside of S.R. 101/Dean Avenue. Existing drainage problems along East 19<sup>th</sup> Street were also mentioned.

Daveitta asked if there were any additional comments, hearing none, she adjourned the meeting.

JPP: RDA

cc: Paul Smith / State Representative, John Bennett/City of Rome, Kirk Milan/City of Rome, Billy Baker/City of Rome, Jon Jeffries/Georgia Power, Bob Oesterle/BellSouth, Joseph Palladi, Ben Buchan, Glenn Bowman, Daveitta Jenkins, Jim Perdue, David Acree, Johnny Quarles/Preconstruction, Ken Estes/Traffic Operations, Reba Scott/Programming, Mary Mitchell/Environment Location, David Adair/Environment Location, Bob Moore/Planning, John Tiernan/Bridge Design, Jerry Brooks/Dist. Utilities, Andy Rikard/Dist. Preconstruction

## CONCEPT TEAM MEETING ATTENDANCE SHEET

Concept Meeting - February 2, 1999, 10:00 AM  
Urban Design Conference Room

STP-167-1(14) & BHF-167-1(12), Floyd County  
P.I.Nos. 632760 & 620900  
S. R. 101 at S.R. 20/U.S. 411 in Rome

<u>Name</u>	<u>Organization</u>	<u>Telephone No.</u>
1. Andy Rikard	GDOT Dist. Preconstruction	770-387-3654
2. Glenn Bowman	GDOT Urban Design	404-656-5441
3. David Acree	GDOT Urban Design	404-656-5441
4. Jim Perdue	GDOT Urban Design	404-656-5441
5. Daveitta Jenkins	GDOT Urban Design	404-656-5441
6. Ben Buchan	GDOT Urban Design	404-656-5454
7. Ken Estes	GDOT Traffic Operations	404-635-8121
8. Reba Scott	GDOT Programming	404-651-7043
9. Bob Moore	GDOT Planning	404-657-6689
10. David Adair	GDOT Environment Location	404-699-4432
11. Billy Baker	City of Rome W/S	706-236-4560
12. Kirk Milan	City of Rome Public Works Div.	706-236-4466
13. John Bennett	City of Rome, City Manager	706-236-4400
14. Mary Mitchell	GDOT Environment Location	404-699-4403
15. John P. Tiernan	GDOT Bridge Design	404-656-5284
16. Jerry F. Brooks	GDOT Dist. Utilities	770-387-3616
17. Johnny Quarles	GDOT Preconstruction	404-657-0771
18. Jon Jeffries	Georgia Power Company	706-232-8961
19. Bob Oesterle	BellSouth	706-236-3913
20. Paul Smith	State Representative	706-232-1997
21. Joseph Palladi	GDOT Urban Design	404-656-5446

## **Need and Purpose Statement**

### **US 411 and US 27 Interchange at SR 101 P.I. No. 632760, STP-167-1(14), FLOYD COUNTY**

The proposed project is the addition of ramps to the US 27/US 411 interchanges at SR 101, Maple Avenue and East 12<sup>th</sup> Street in Floyd County. The project will add direct access from US 27 southbound to SR 101 and from Maple Avenue to US 27/US 411 westbound. Additionally it will improve access from SR 101 to US 27 and US 411 at East 12<sup>th</sup> Street. The entrance ramp at Maple Avenue will allow traffic in the SR 101 vicinity to access US 27/US 411 westbound. These movements are not currently satisfied in the operation of the existing interchange. This new access should decrease the volume of traffic using SR 101 and avoid the need to increase capacity in this existing business district. The project has logical termini because the improvements consist of access improvements in the vicinity of the US 411/US 27 and SR 101 interchange.

North of the US 27/US 411 interchange, SR 101/Dean Avenue is heavily developed with commercial businesses and a city school. Development on Maple Avenue consists of residences and commercial businesses. The Floyd County Comprehensive Land Use Plan projects future land use patterns to remain the same along SR 101, Maple Avenue and in the vicinity of the US 27/US 411 interchange.

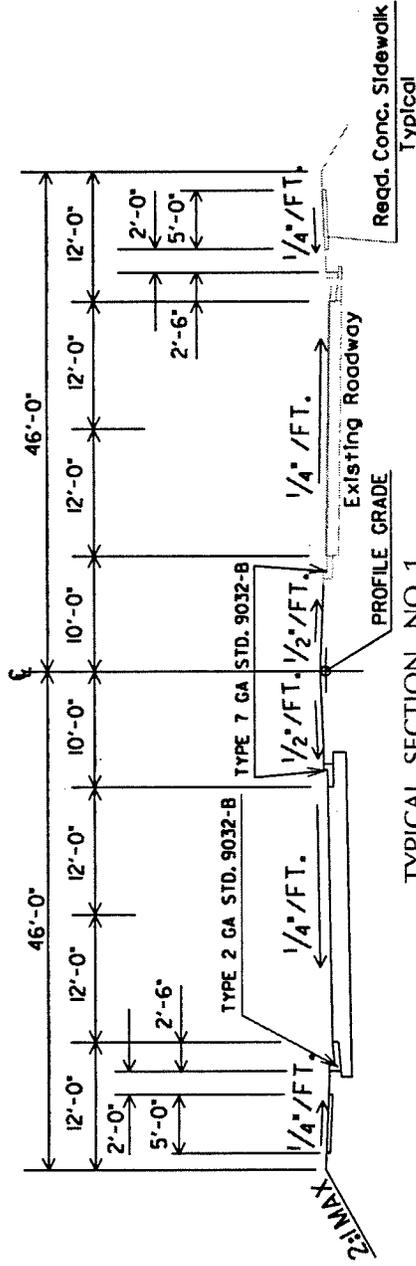
Transportation planning for the city of Rome and for Floyd County is represented by the Floyd-Rome Urban Transportation Study (FRUTS). This study is conducted by Technical and Policy committees composed of local, state, and federal officials, as well as a Citizens' Advisory Committee. Recognizing the need for improved access and operational conditions, the FRUTS Committees recommended that the proposed project be included in the Long Range Transportation Plan in 1995. The proposed project is currently in the three-year 1999-01 Transportation Improvement Program (TIP). The TIP is a multi-modal program of transportation projects to be undertaken in the Floyd-Rome urban area.

In 1987, a transportation project was added to the FRUTS Long Range Transportation Plan to widen SR 101/Dean Avenue. To meet projected increasing traffic demands in the corridor, SR 101/Dean Avenue was proposed to be widened to 4 lanes with a 20-foot raised median from East 12<sup>th</sup> Street to CR 740/Saddle Trail (P.I. Numbers 621690 and 620900, STP-167-1(13) & BHF-167-1(12)). In 1995, local officials and citizens expressed concern over the severe right-of-way impacts the widening project would have on the surrounding businesses, which are located close to the street. After studying the proposed project, the FRUTS committees agreed that a large portion of the traffic on SR 101/Dean Avenue is currently coming from or going to US 27.

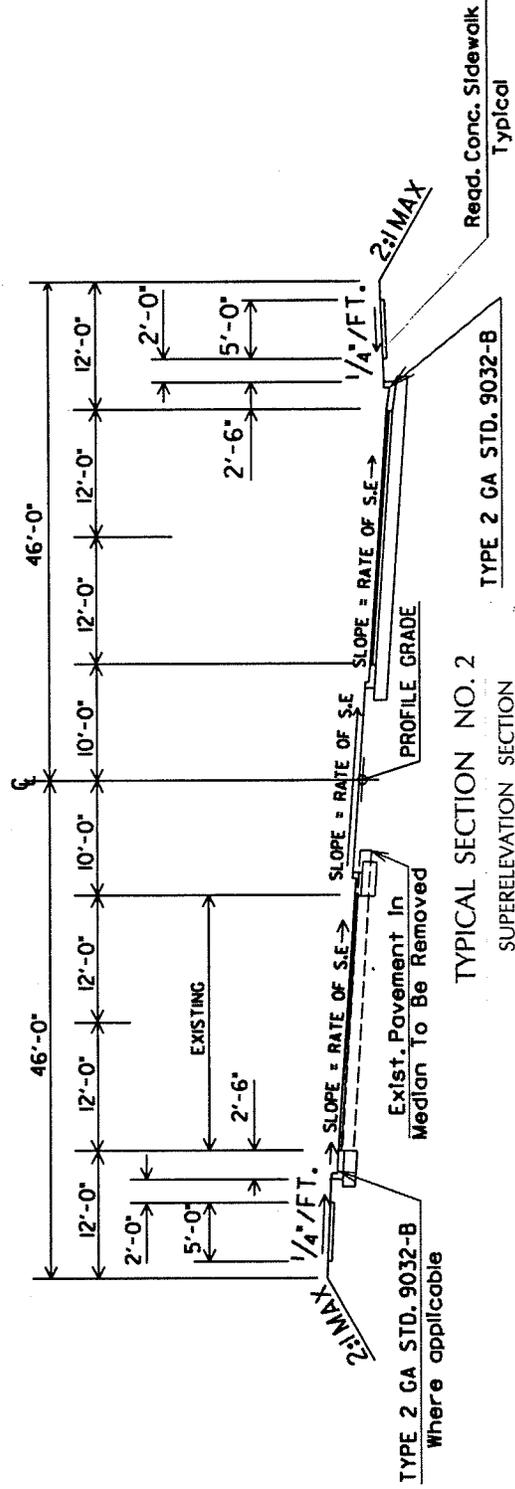
The study showed that if the interchange is improved with additional ramps to provide access between SR 101, US 27 and US 411, a majority of the SR 101/Dean Avenue traffic could be diverted. This diversion would remove the need to widen SR 101/Dean Avenue through the business district north of the interchange, and also provide for more efficient access to US 27/US

411. The addition of ramps at SR 101, Maple Avenue, East 12<sup>th</sup> Street and US 27/US 411 will improve access between the roads, and reduce the impacts of future traffic growth on Dean Avenue. In 1995, the FRUTS Policy Committee added the proposed interchange project to the Long Range Transportation Plan, and in May of 1997 modified the northern terminus of the SR 101 widening project. The new project limits for the proposed widening of SR 101 are from 19<sup>th</sup> Street to CR 740/Saddle Trail.

S.R. 101 / Dean Avenue  
 From Lombardy Way to just north of East 19th St.

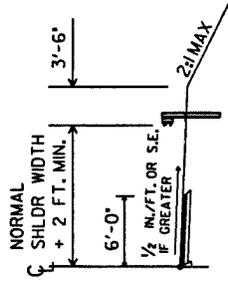
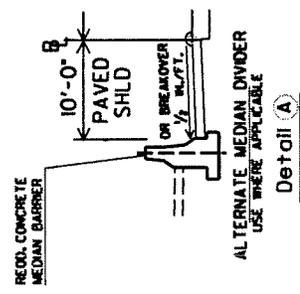
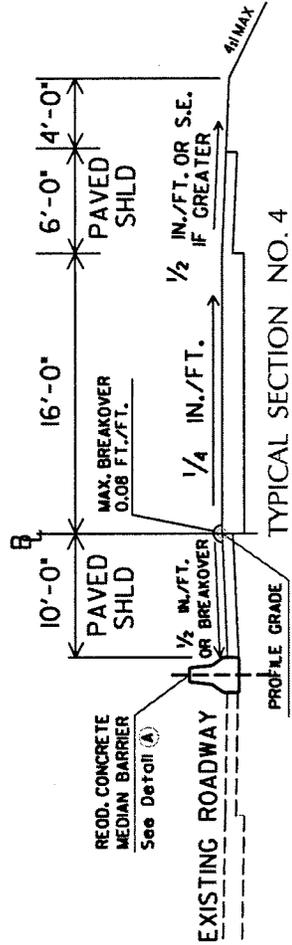
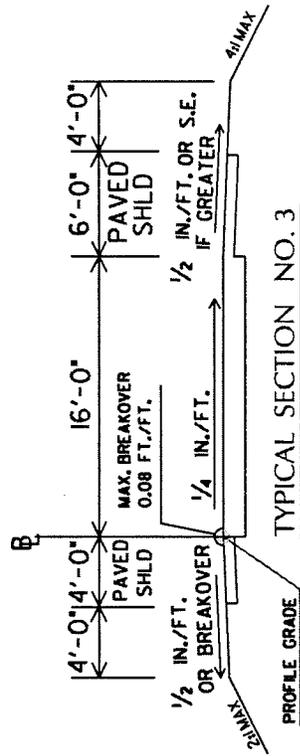


TYPICAL SECTION NO. 1  
 FOUR 12 FT. LANES with a 20 FT. RAISED MEDIAN  
 TANGENT SECTION

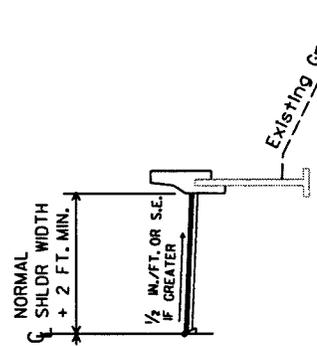


TYPICAL SECTION NO. 2  
 SUPERELEVATION SECTION

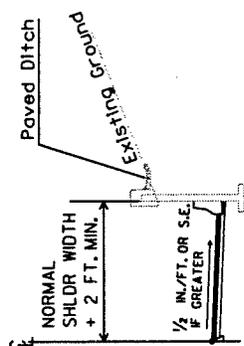
# PROPOSED AND RELOCATED RAMPS @ SR 101 / US 27 INTERCHANGE



SHOULDER DETAIL WITH GUARDRAIL



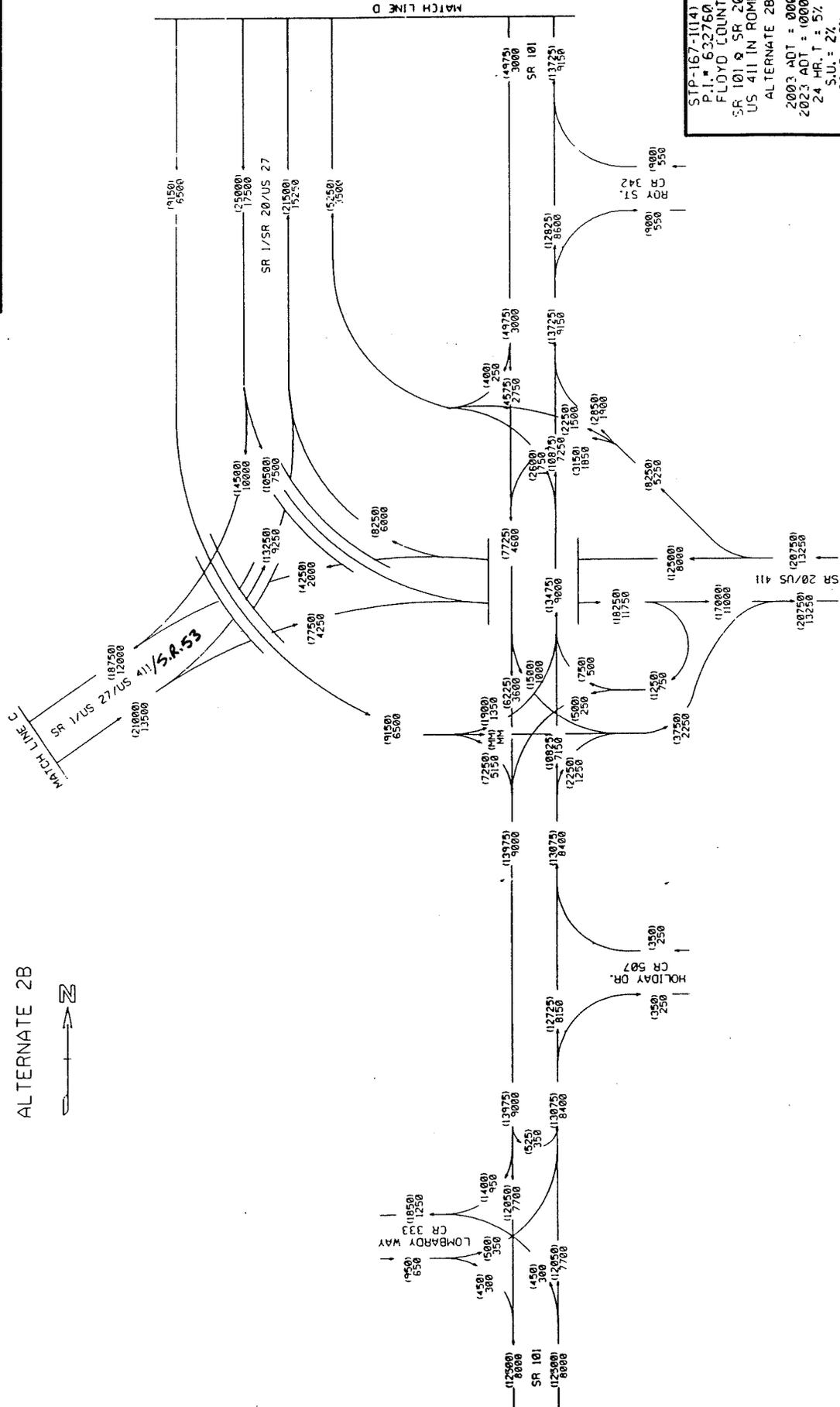
WALL WITH RAMP IN FILL



WALL WITH RAMP IN CUT

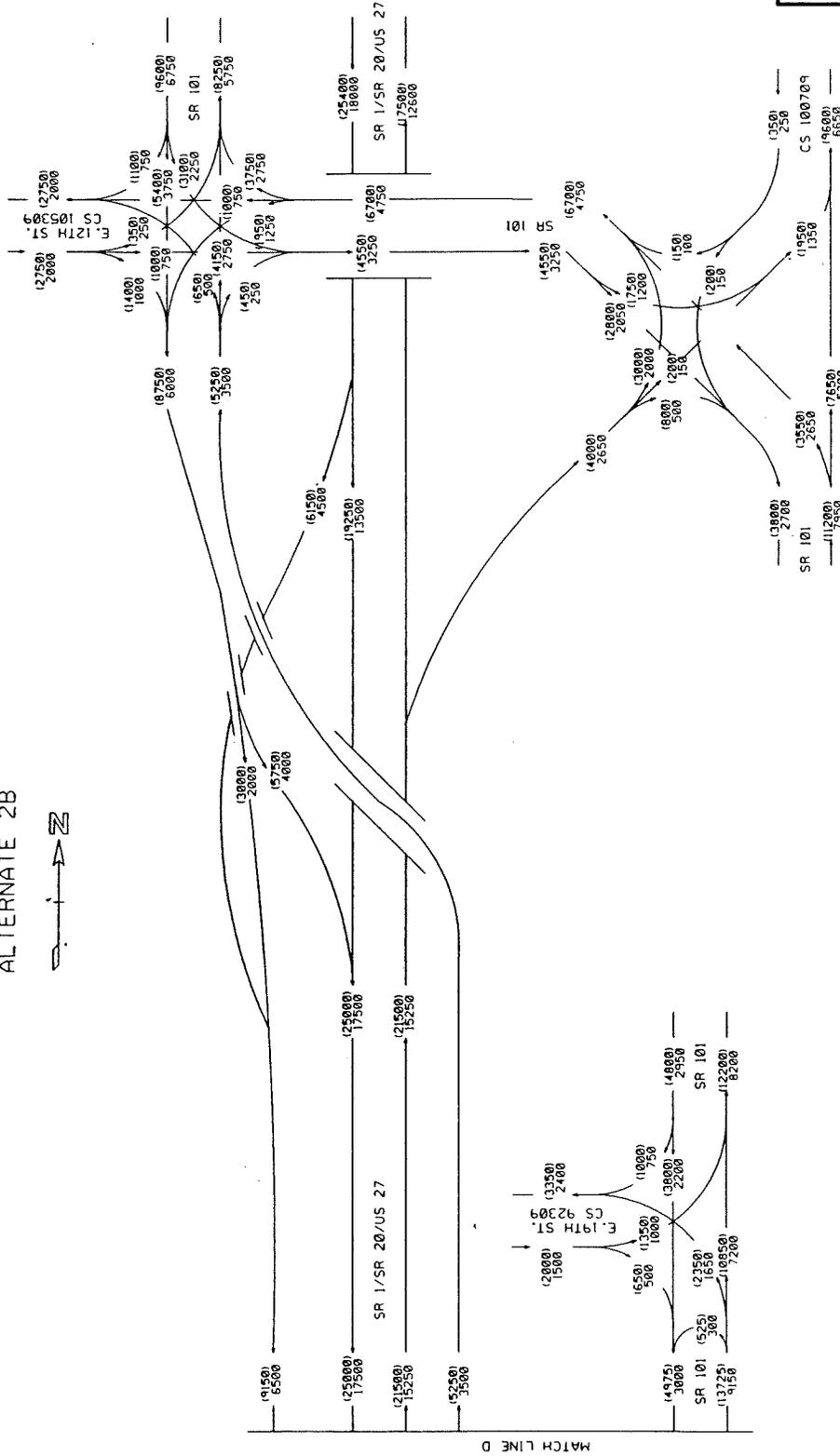


ALTERNATE 2B



SRP-167-1(14)  
P.I. = 632760  
FLOYD COUNTY  
SR 101 & SR 20/  
US 41 IN ROME  
ALTERNATE 2B  
2003 ADT = 000  
2023 ADT = 10000  
24 HR. T = 5%  
S.U. = 2%  
COMB. = 3%  
PG. 11/23

ALTERNATE 2B



STP-167-1114  
 P.I. = 632.760  
 FLOYD COUNTY  
 SR 101 @ SR 20/  
 US 411 IN ROME  
 ALTERNATE 2B  
 2003 ADT = 000  
 2023 ADT = 0000  
 24 HR. T. = 5%  
 S.U. = 2%  
 COMB. = 3%

MS  
1/25







**PRELIMINARY COST ESTIMATE**  
**URBAN DESIGN OFFICE**

DATE: 04/27/99 PREPARED BY: Daveitta Jenkins  
& Jim Perdue  
PROJECT NO: STP-167-1(14) FILE NAME: 632760ce  
P.I. NO: 632760 MILEAGE: 1.16 miles  
PROJECT DESCRIPTION/CONCEPT: S.R. 101/Dean Avenue at S.R. 20/U.S. 411 in Rome  
EXISTING ROADWAY: S.R. 101/Dean Avenue

TRAFFIC: CURRENT ADT PROJECTED ADT  
17,400 (2003) 27,050 (2023)

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

**PROJECT COSTS**

A. RIGHT OF WAY	lump sum		\$36,542,000.00
		<b>SUBTOTAL</b>	<b>\$36,542,000.00</b>
B. UTILITIES (Reimbursable)	lump sum		\$824,000.00
		<b>SUBTOTAL</b>	<b>\$824,000.00</b>
C. CLEARING AND GRUBBING	45 acres @	\$5,000.00	\$225,000.00
		<b>SUBTOTAL</b>	<b>\$225,000.00</b>
D. EARTHWORK			
<u>Embankment</u>			
In-Place Embankment	370,000 cubic yards @	\$5.00	\$1,850,000.00
Borrow Incl Haul	0 cubic yards @	\$5.00	\$0.00

Excavation

Soil	0 cubic yards @	\$2.75	\$0.00
Rock	0 cubic yards @	\$10.00	\$0.00

Miscellaneous

Wick Drains	0 linear feet @	\$1.00	\$0.00
Filter Fabric	0 square yards @	\$7.00	\$0.00
Channel Excavation	0 cubic yards @	\$6.75	\$0.00
Drill Holes	0 linear feet @	\$2.00	\$0.00

**SUBTOTAL \$1,850,000.00**

**E. BASE AND PAVING**

Aggregate Base

Graded Aggregate 6"	17,398 square yards @	\$5.70	\$99,168.60
Graded Aggregate 12"	41,764 square yards @	\$8.75	\$365,435.00

Asphalt Paving

12.5mm Superpave	5,033 tons @	\$40.00	\$201,320.00
19mm Superpave	6,541 tons @	\$40.00	\$261,640.00
25mm Superpave	9,812 tons @	\$40.00	\$392,480.00
Leveling	2,800 tons @	\$40.00	\$112,000.00
Tack Coat	10,711 gallons @	\$0.90	\$9,639.90

**SUBTOTAL \$1,441,683.50**

**F. DRAINAGE**

Cross Drain System

15" Conc. Pipe	0 linear feet @	\$23.00	\$0.00
18" Conc. Pipe	0 linear feet @	\$28.00	\$0.00
24" Conc. Pipe	0 linear feet @	\$36.41	\$0.00
30" Conc. Pipe	0 linear feet @	\$43.50	\$0.00
36" Conc. Pipe	0 linear feet @	\$53.22	\$0.00
42" Conc. Pipe	0 linear feet @	\$63.10	\$0.00
48" Conc. Pipe	0 linear feet @	\$72.84	\$0.00
15" F.E.S.	0 each @	\$289.01	\$0.00
18" F.E.S.	0 each @	\$374.83	\$0.00
24" F.E.S.	0 each @	\$390.96	\$0.00
30" F.E.S.	0 each @	\$519.30	\$0.00
36" F.E.S.	0 each @	\$628.51	\$0.00
42" F.E.S.	0 each @	\$752.59	\$0.00
48" F.E.S.	0 each @	\$1,300.00	\$0.00

<u>Longitudinal System</u>			
15" Conc. Pipe	0 linear feet @	\$20.00	\$0.00
18" Conc. Pipe	0 linear feet @	\$25.50	\$0.00
24" Conc. Pipe	0 linear feet @	\$31.20	\$0.00
 <u>Drainage Structures</u>			
Catch Basins	0 each @	\$1,550.00	\$0.00
Drop Inlets	0 each @	\$1,200.00	\$0.00
Manholes	0 each @	\$1,430.00	\$0.00
 <u>Drainage Lump Sum</u>			
Cost per Mile	1.16 miles @	\$350,000.00	\$406,000.00
		<b>SUBTOTAL</b>	<b>\$406,000.00</b>
 <b>G. CONCRETE WORK</b>			
Approach Slabs	3519 square yards @	\$90.00	\$316,710.00
Median Barrier	4,987 linear feet @	\$35.00	\$174,545.00
Curb and Gutter (Type2)	9,225 linear feet @	\$9.30	\$85,792.50
Curb and Gutter (Type 7)	8,471 linear feet @	\$8.80	\$74,544.80
Valley Gutter	0 square yards @	\$30.00	\$0.00
Conc. Median Barrier, Method 2	5,414 linear feet @	\$20.00	\$108,280.00
Median Paving	1077 square yards @	\$25.00	\$26,925.00
		<b>SUBTOTAL</b>	<b>\$786,797.30</b>
 <b>H. TRAFFIC CONTROL</b>			
	lump sum		\$500,000.00
		<b>SUBTOTAL</b>	<b>\$500,000.00</b>
 <b>I. EROSION CONTROL</b>			
	lump sum		\$500,000.00
		<b>SUBTOTAL</b>	<b>\$500,000.00</b>
 <b>J. GUARDRAIL</b>			
W-Beam Rail	23,295 linear feet @	\$10.50	\$244,597.50
T-Beam Rail	837 linear feet @	\$28.00	\$23,436.00
Type 1 Anchors	9 each @	\$425.00	\$3,825.00
Type 12 Anchors	7 each @	\$1,610.00	\$11,270.00
		<b>SUBTOTAL</b>	<b>\$283,128.50</b>

**K. SIGNS, STRIPING, SIGNALS, LIGHTING**

Striping	lump sum		\$50,000.00
Roadside Signs	lump sum		\$0.00
Overhead Signs w/ Lights	0 each @	\$0.00	\$0.00
Traffic Signals	3 each @	\$40,000.00	\$120,000.00
Lighting	lump sum		\$200,000.00
		<b>SUBTOTAL</b>	<b>\$370,000.00</b>

**L. GRASSING/LANDSCAPING**

	lump sum		\$100,000.00
		<b>SUBTOTAL</b>	<b>\$100,000.00</b>

**M. MISCELLANEOUS**

Field Engineer Office (TP 3)	1 each @	\$44,500.00	\$44,500.00
Fencing	0 linear feet @	\$10.00	\$0.00
Right-of-Way Markers	75 each @	\$60.00	\$4,500.00
		<b>SUBTOTAL</b>	<b>\$49,000.00</b>

**N. MAJOR STRUCTURES**

Bridge	5,346 square feet @	\$50.00	\$267,300.00
Bridge	4,840 square feet @	\$50.00	\$242,000.00
Bridge	6,535 square feet @	\$60.00	\$392,100.00
Bridge	5,663 square feet @	\$60.00	\$339,780.00
Bridge	16,146 square feet @	\$80.00	\$1,291,680.00
Bridge	6,033 square feet @	\$50.00	\$301,650.00
Bridge	3,704 square feet @	\$50.00	\$185,200.00
Bridge	2,320 square feet @	\$50.00	\$116,000.00
Bridge	3,648 square feet @	\$50.00	\$182,400.00
Walls	112,467 square feet @	\$45.00	\$5,061,015.00
Tunnel	1 each @	\$500,000.00	\$500,000.00
<u>Box Culverts</u>			
Concrete	62 cubic yards @	\$282.00	\$17,484.00
Bar Reinf. Steel	6208 pounds @	\$0.55	\$3,414.40
		<b>SUBTOTAL</b>	<b>\$8,900,023.40</b>

**ESTIMATE SUMMARY**

A. Right of Way	\$36,542,000.00
B. Reimbursable Utilities	\$824,000.00

**CONSTRUCTION COST SUMMARY**

C. Clearing and Grubbing	\$225,000.00
D. Earthwork	\$1,850,000.00
E. Base and Paving	\$1,441,683.50
F. Drainage	\$406,000.00
G. Concrete Work	\$786,797.30
H. Traffic Control	\$500,000.00
I. Erosion Control	\$500,000.00
J. Guardrail	\$283,128.50
K. Signs, Striping, Signals, Lighting	\$370,000.00
L. Grassing/Landscaping	\$100,000.00
M. Miscellaneous	\$49,000.00

**SUBTOTAL CONSTRUCTION \$6,511,609.30**

N. Major Structures	\$8,900,023.40
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**SUBTOTAL \$15,411,632.70**

5 Years of		
Inflation at	4 %	\$3,338,974.96
10 % E & C		\$1,875,060.77

**TOTAL CONSTRUCTION ESTIMATE \$20,625,668.42**

**PRELIMINARY COST ESTIMATE**  
**URBAN DESIGN OFFICE**

DATE: 04/27/99

PREPARED BY: Daveitta Jenkins  
& Jim Perdue

PROJECT NO: BHF-167-1(12)

FILE NAME: 620900ce

P.I. NO: 620900

MILEAGE: 0.09 miles

PROJECT DESCRIPTION/CONCEPT: S.R. 101 South of Rome over S.R. 20

EXISTING ROADWAY: S.R. 101/Dean Avenue

TRAFFIC:	CURRENT ADT	PROJECTED ADT
	17,400 (2003)	27,050 (2023)

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

**PROJECT COSTS**

A. RIGHT OF WAY	lump sum		\$0.00
		<b>SUBTOTAL</b>	<b>\$0.00</b>

B. UTILITIES	lump sum		\$0.00
		<b>SUBTOTAL</b>	<b>\$0.00</b>

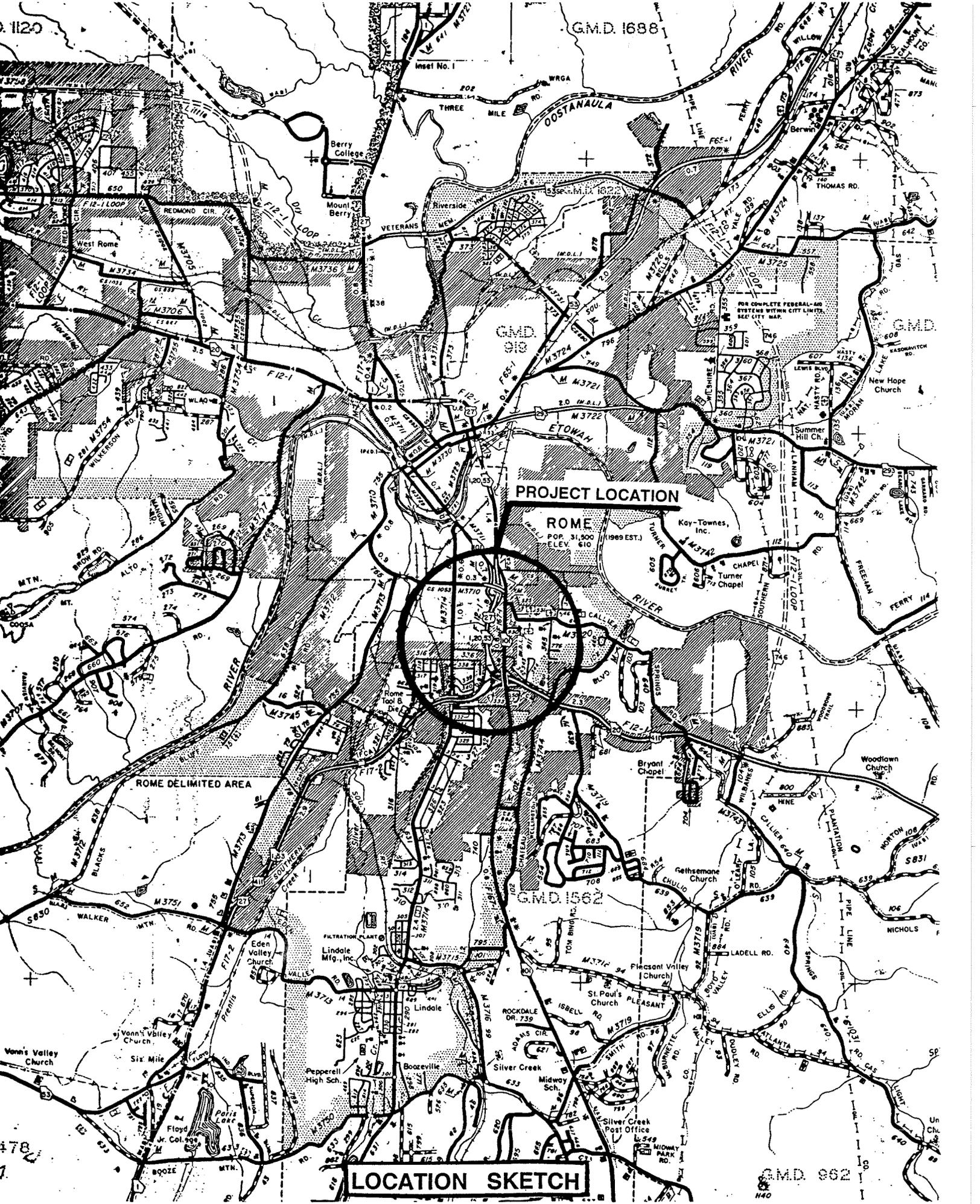
**C. CONSTRUCTION**

**MAJOR STRUCTURES**

Bridge	38363 square feet @	\$60.00	\$2,301,780
Bridge Removal	2 each @	\$77,616.00	\$155,232.00
		<b>SUBTOTAL</b>	<b>\$2,457,012.00</b>

<b>INFLATION</b>	5 yrs inflation @	4	\$532,318.78
	10 % E & C		\$298,933.08

**TOTAL CONSTRUCTION COST** **\$3,288,263.86**



**PROJECT LOCATION**

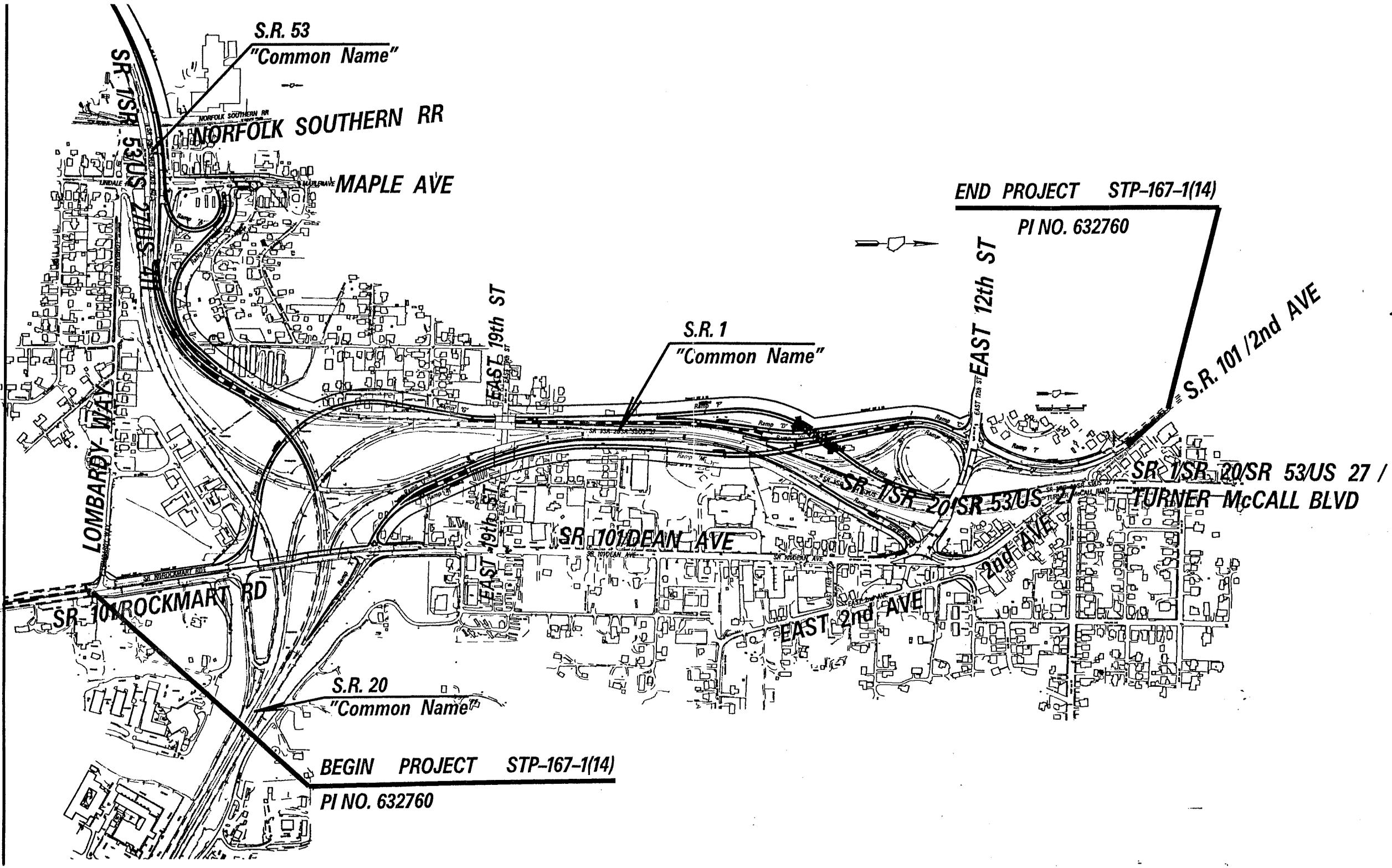
**ROME**  
(1969 EST.)  
POP. 31,500  
ELEV. 610

ROME DELIMITED AREA

**LOCATION SKETCH**

G.M.D. 962





S.R. 53  
"Common Name"

NORFOLK SOUTHERN RR

MAPLE AVE

END PROJECT STP-167-1(14)

PI NO. 632760

S.R. 1  
"Common Name"

EAST 12th ST

S.R. 101 / 2nd AVE

SR 1/SR 20/SR 53/US 27 /  
TURNER-McCALL BLVD

SR 101/DEAN AVE

LOMBARDY WAY

SR 101/ROCKMART RD

S.R. 20  
"Common Name"

BEGIN PROJECT STP-167-1(14)

PI NO. 632760

EAST 2nd AVE

2nd AVE

EAST 19th ST

EAST 19th ST

Department of Transportation  
State of Georgia

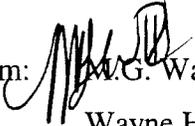
INTERDEPARTMENTAL CORRESPONDENCE



File: STP-167-1(14) & BHF-167-1(12)/Floyd County  
P.I. No. 632760, 620900

Office: Traffic Operations  
Atlanta, Georgia

Date: May 7, 1999

From:  M.G. Waters, III, P.E., State Traffic Operations Engineer

To: Wayne Hutto, Assistant Director of Preconstruction

Subject: Project Concept Report Review

We have reviewed the concept report on the above project for the widening of SR 101(Dean Avenue/Rockmart Road) from Lombardy Way north to East 19<sup>th</sup> Street. To alleviate congestion on SR 101/Dean Avenue, SR 101 will be relocated to a proposed fly-over ramp, beginning just south of East 19<sup>th</sup> Street, extending in a northerly direction, that will terminate at the intersection with East 12<sup>th</sup> Street. This project will also consist of extensive construction along the US 411/US 27/SR1/SR 53/SR 20 corridor from the Lindale Road/Maple Avenue interchange north to the East 12<sup>th</sup> Street – Turner McCall Blvd. interchange an overall distance of approximately 1.25 miles.

SR 101/Dean Avenue will be widened to a four lane roadway with a 20 foot grassed median. The two existing two lane bridges on SR 101 over SR 20 will be replaced with a single four lane bridge with a 20 foot raised concrete median. Traffic is to maintained through staging and possibly detours during construction.

The noted posted speed limit, as well as the design speed, for SR 101/Dean Avenue is 35mph. However, the current speed ordinance issues a speed limit of 50mph from Lombardy Way then reducing to 45mph by the time it reaches the Turner McCall Boulevard intersection. We recommend initiatives be taken to correct the design criteria used or change the ordinance.

We recommend increasing the median width to 28 feet at median openings to allow the left turn lanes to be offset or aligned directly across from each other and increase sight distance for permissive left turn movements. Where no possibility of median openings exist the median could remain the proposed width.

We request that two four inch conduit, one with innerduct, be installed within the limits of this project as part of this project. The conduit would be used for the future interconnection of the Advanced Transportation Management

System components in this area. Our Traffic Operations Design Office can provide details cost estimates for inclusion in the project.

We believe this concept will improve safety and operational capacity along this section of roadway.

With the recommended statements, we find this report satisfactory for approval.

MGW:TWS

Attachment (signature page)

c: David Studstill  
Joseph P. Palladi, P.E., State Urban Design Engineer  
Attn: Glenn Bowman or Daveitta Jenkins  
Bob Mustin, w/ attachment  
Marta Rosen  
Karl Alff, TMC  
Keith Golden, P.E., TMC  
Paul Liles, State Bridge Design Engineer  
General Files

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
PROJECT CONCEPT REPORT**

**PROJECT: STP-167-1(14) & BHF-167-1(12)**

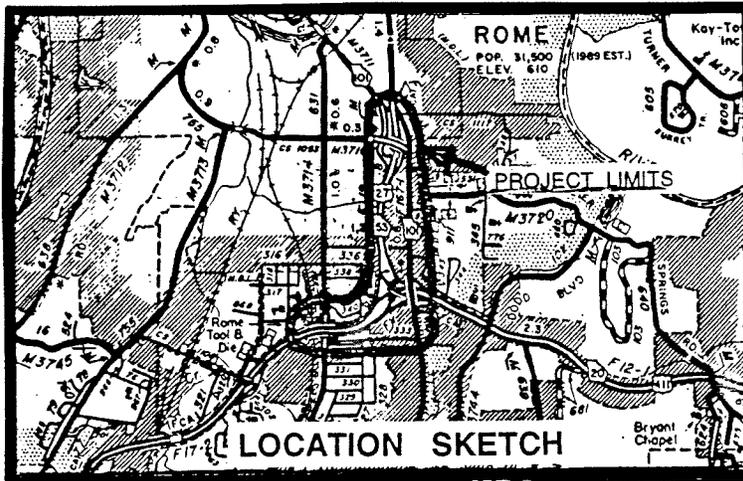
S.R. 101/Dean Avenue at S.R. 20/U.S. 411 in Rome & S.R. 101/S of Rome over S.R. 20

Floyd County

U.S. Route No.: U.S. 27, 411

State Route No.: S.R. 1, 20, 53, 101

GDOT P.I. NO.: 620900, 632760



Date of Report: May 3, 1999

**RECOMMENDATION FOR APPROVAL**

5/4/99

*Jeanne P. Pelled*

Date

State Urban Design Engineer

Date

State Environmental/Location Engineer

Date

State Traffic Operations Engineer

Date

State Bridge And Structural Design Engineer

Date

District Engineer

Date

Project Review Engineer

5/21/99

*Marta V. Rosen*

Date

State Transportation Planning Administrator

Date

State Transportation Program Engineer

**NOTE:** This project is contained in the Regional Transportation Plan (RTP) and/or in the Statewide Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the RTP and/or the STIP.

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
PROJECT CONCEPT REPORT**

**PROJECT: STP-167-1(14) & BHF-167-1(12)**

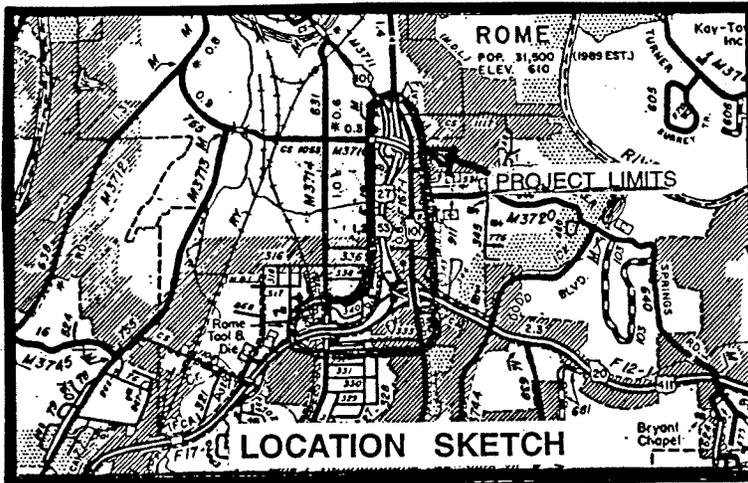
S.R. 101/Dean Avenue at S.R. 20/U.S. 411 in Rome & S.R. 101/S of Rome over S.R. 20

Floyd County

U.S. Route No.: U.S. 27, 411

State Route No.: S.R. 1, 20, 53, 101

GDOT P.I. NO.: 620900, 632760



Date of Report: May 3, 1999

**RECOMMENDATION FOR APPROVAL**

5/4/99

*Joseph P. Pelled*

Date

State Urban Design Engineer

Date

State Environmental/Location Engineer

5/13/99

*Maria G. Gubert*

Date

State Traffic Operations Engineer

Date

State Bridge And Structural Design Engineer

Date

District Engineer

Date

Project Review Engineer

Date

State Transportation Planning Administrator

Date

State Transportation Program Engineer

**NOTE:** This project is contained in the Regional Transportation Plan (RTP) and/or in the Statewide Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the RTP and/or the STIP.

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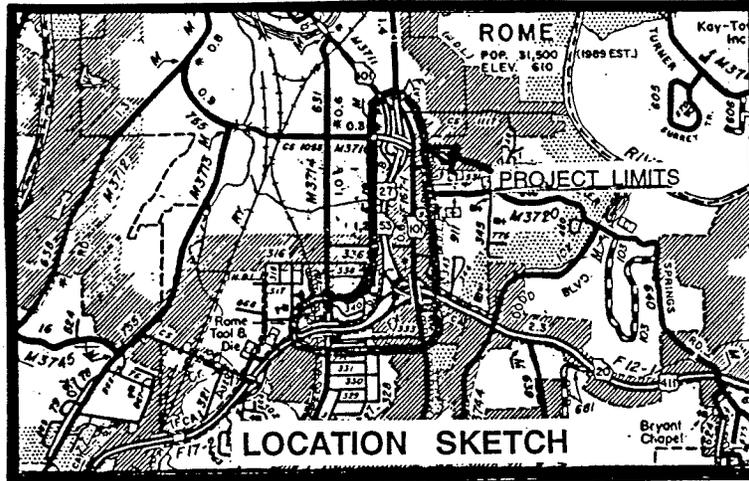
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*Joseph P. Pelled*

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Date

State Environmental/Location Engineer

Date

State Traffic Operations Engineer

Date

State Bridge And Structural Design Engineer

Date

District Engineer

5/6/99

*Bob Duster*

Date

Project Review Engineer

Date

State Transportation Planning Administrator

Date

State Transportation Program Engineer

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