

ORIGINAL TO GENERAL FILES

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE STP-3213(1) Bibb County **OFFICE** Preconstruction
P. I. No. 350520
CWH **DATE** April 20, 1998
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:

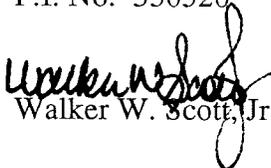
Walker Scott
Bobby Mustin
David Studstill (ATTN: Harvey Keeper)
Jerry Hobbs
Herman Griffin
Marta Rosen (ATTN: Michael Henry)
Marion Waters
Toni Dunagan
Paul Liles
Jim Hitt (Traffic Ops)
Don Mills

Joe Palladi
Joe Street

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE STP-3213(1) Bibb County **OFFICE** Preconstruction
P.I. No. 350520 **DATE** March 20, 1998

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

TO Wayne Shackelford, Commissioner

SUBJECT PROJECT CONCEPT REPORT

This project is the widening and reconstruction of Forest Hill Road (CR 723) from Forsyth Road (US 41/SR 19) to 122.0m north of realigned Wimbish Road (CS 997) for a total of 1.17km. The existing Forest Hill Road is a rural two lane facility with 6.7m pavement and 1.8m shoulders. Forest Hill Road provides a connection from North Macon south to Park Street, which will connect to Mercer University Drive, Eisenhower Parkway, and Macon Mall when the Northwest Parkway is completed. In addition, Forest Hill Road connects to Forsyth Road (US 41/SR 19), which provides a connection into downtown Macon, as well as Wimbish Road and Northside Drive, which provide an east-west connection to Riverside Drive (US 28/SR 87) and I-75. Average accident rates for three years (1994-1996) within the project limits are approximately 1.3 times higher than the average accident rate for urban state highways. The base year traffic (2001) for this project is 20,000 VPD and the design year traffic (2021) is 31,020 VPD. The proposed design speed is 70km/h.

The proposed construction will widen Forest Hill Road to a four lane divided urban section with a 6.1m raised median (four, 3.6m through lanes) and 1.5m sidewalk on both sides of the road. The proposed right-of-way is 30.0m. The section between Overlook Avenue and Wimbish Road will be realigned to improve two substandard horizontal curves. This project includes the realignment of the Wimbish Road approach to Forest Hill Road and the upgrade of the existing traffic signals at Forsyth Road, Ridge Avenue and Wimbish Road.

A design variance will be required for the median opening spacing along Forest Hill Road between Forsyth Road and Ridge Avenue. The proposed spacing is 167.0m. Both existing intersections are signalized and the substandard median spacing will be mitigated by coordinating the traffic signal system with optimum signal timing, providing dual left turn only lanes northbound on Forest Hill Road at Forsyth Road, and prohibiting left turns northbound from Forest Hill Road onto Ridge Avenue. The proposed project will also tie into several other projects in this area of Macon. The north end of the project will match the begin point of project STP-3213(3), P.I. 351130--Forest Hill Road from Wimbish Road to Northside Drive. The south end of the project will match the four lane divided section of project STP-3213(4), P.I. 351140--Northwest Parkway from Log Cabin Drive to Forsyth Road. Traffic will be maintained during construction.

STP-3213(1) Bibb
March 20, 1998

Environmental concerns include requiring a Categorical Exclusion be prepared; two (2) possible UST sites impacted; one probable hazardous waste site; six (6) displacements--5 residences, 1 commercial; a public hearing will be held; time saving procedures are not appropriate.

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG DATE</u>	<u>LET DATE</u>
Construction (includes E&C and inflation)	\$2,510,000	\$1,601,000	2001	00-10
Right-of-Way & Utilities*	Local	Local		

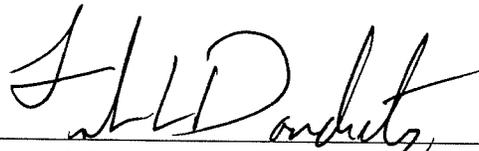
*Bibb County signed contract on 10-3-96 to be responsible for preliminary engineering, right-of-way costs, and utility relocation costs.

The proposed improvements to Forest Hill Road are included in the adopted Macon Area Transportation Study and the current transportation improvement program. I recommend this project concept be approved.

WWS:JDQ/cj

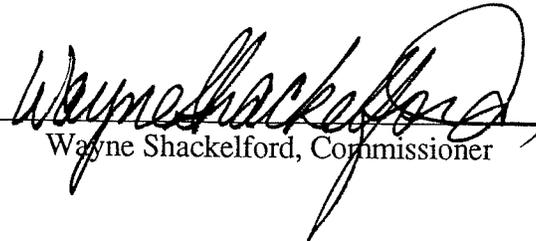
Attachment

CONCUR



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

APPROVE



Wayne Shackelford, Commissioner

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE

RECEIVED
MAR 18 1998
PRECONSTRUCTION

FILE: STP-3213(1) Bibb
P.I. Number 350520

OFFICE: Atlanta, Georgia

DATE: March 17, 1998

FROM: Bob Mustin, Project Review Engineer *DTM*

TO: C. Wayne Hutto, Assistant Director of Preconstruction

SUBJECT: PROJECT CONCEPT REPORT

We have reviewed the concept report submitted March 10, 1998 by the letter from Joseph Palladi dated March 2, 1998 and have no comments.

The estimated costs for the project are as follows:

Construction	\$ 1,984,000
Inflation	\$ 298,000
E & C	\$ 228,000
Right of Way	\$ 880,000 (LGPA)
Reimbursable Utilities	\$ 51,000 (LGPA)
Preliminary Engineering	\$ 200,000 (LGPA)

DTM

c: Joe Palladi

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

RECEIVED

MAR 10 1998

PRECONSTRUCTION

INTERDEPARTMENT CORRESPONDENCE

FILE STP-3213(1), Bibb County
Forest Hill Road (723) Reconstruction
From Forsyth Road to Wimbish Road
P.I. No. 350520

OFFICE Atlanta, Georgia

DATE March 2, 1998

FROM *Joseph Palladi*
Joseph Palladi, P.E., State Urban Design Engineer

TO Wayne Hutto, Assistant Director of Preconstruction

SUBJECT **Proposed Project Concept Report**

Transmitted is the proposed project Concept Report for the above project.

Please take the necessary steps to process the report through the Department in accordance with the project review process.

If you have any questions please contact Genetha Rice-Singleton or Angela Alexander at (404) 656-5444.

JPP:GRS *GRS*
Attachment *MA*

CC: David Studstill, w/attachment
Bobby Mustin, w/attachment
Marion Waters, w/attachment
Paul Liles, w/attachment
Joe Street, w.attachment

Department of Transportation

State of Georgia

PROJECT CONCEPT REPORT

Forest Hill Road (723) Reconstruction
from Forsyth Road (US 41, SR 19) to Wimbish Road (CS 997)

Project Number: STP-3213(1)

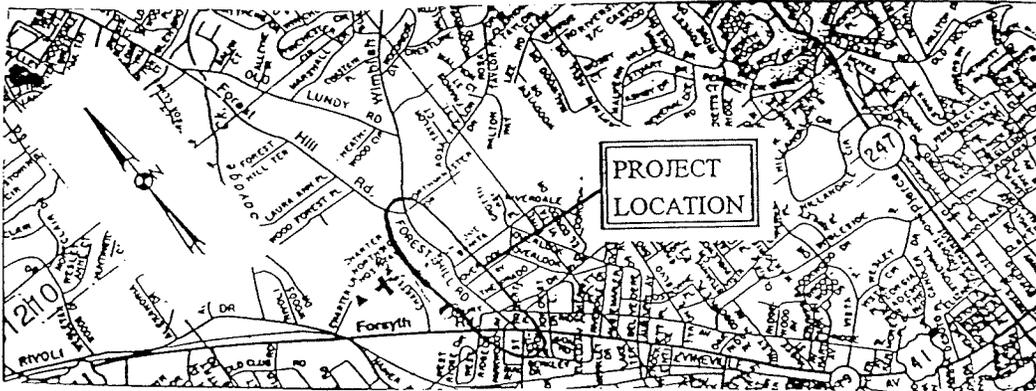
County: Bibb

P.I. Number: 350520

U.S. Route Number: None

State Route Number: None

Date of Report: 2/23/98



RECOMMENDATION FOR APPROVAL:

3/19/98
DATE

Joseph P. ...
STATE URBAN DESIGN ENGINEER

DATE

STATE ENVIRONMENT/LOCATION ENGINEER

DATE

STATE TRAFFIC OPERATIONS ENGINEER

DATE

DISTRICT ENGINEER

DATE

STATE TRANSPORTATION PLANNING ADMINISTRATOR

DATE

PROJECT REVIEW ENGINEER

PROJECT CONCEPT REPORT

DATE: 2/23/98

PROJECT NUMBER: STP-3213(1)

COUNTY: Bibb

DESCRIPTION: Widening of Forest Hill Road (CR 723) from Forsyth Road (US 41, SR 19) to Wimbish Road (CS 997) from a 2-lane rural section to a 4-lane divided highway with a 6 m raised grassed median with landscaping and with sidewalks on both sides.

LENGTH: 1.17 km

P.I. NO.: 350520

U.S. ROUTE NO.: None

STATE RT. NO.: None

LOCATION: Forest Hill Road (CR 723) from Forsyth Road (US 41, SR 19) to 122 m north of relocated Wimbish Road (CS 997) intersection.

MILE POINT REFERENCE (Forest Hill Road): BEGIN-0.00 END-0.73

TRAFFIC (TWO-WAY AADT):

YEAR-2001 AADT-20000

YEAR-2021 AADT-31020

PDP CLASSIFICATION NON-CA CA EX SF FUNCTIONAL CLASSIFICATION
Major () () (X) () Urban Minor Arterial
 Forest Hill Road (CR 723)

ACCIDENT HISTORY:

<u>YEAR</u>	<u># OF ACCIDENTS</u>
1994	34
1995	15
1996	34

COMPARABLE ACCIDENT RATES:

Year	Forest Hill Road- Forsyth Rd. To Wimbish Rd.		Statewide Average for Urban Collector Street		Difference	
	Accident	Injury	Accident	Injury	Accident	Injury
1994	972	372	439	204	2.2x	1.8x
1995	422	0	467	218	-1.1x	-
1996	904	346	461	204	2.0x	1.7x

EXISTING DESIGN

TYPICAL SECTION: Two-lane rural section with 6.7 m of asphaltic concrete pavement, 1.8 m grassed shoulders, and ditches on both sides of existing section.

POSTED SPEED	MIN. EXIST. RADIUS OF CURVE	MAX. EXIST. GRADE
60 km/h (35 mph)	76.2 m	8%

EXISTING MAJOR STRUCTURES: No major existing structures are encountered on this section.

FEATURES INTERSECTED: None

SUFFICIENCY RATING: N/A **LENGTH:** N/A **WIDTH:** N/A

PROJECT NEED & PURPOSE: See attachment

PROPOSED PROJECT CONCEPT

PROPOSED TYPICAL SECTION: Four-lane divided urban section with a 6 m raised grassed median, four 3.6 m through lanes, 0.75 m curb and gutter and 1.5 m sidewalk on both sides of the road; proposed shoulder 3.6 m.

RIGHT-OF-WAY WIDTH: 30 m

DESIGN SPEED: 70 km/h

MIN. RADIUS OF CURVE:	ALLOWABLE: 220 m	PROPOSED: 220 m
MAX. GRADE:	ALLOWABLE: 8.5%	PROPOSED: 8.0%

TYPE ACCESS: Controlled by permit

TRAFFIC CONTROL DURING CONSTRUCTION: Traffic to be maintained during construction

PROPOSED STRUCTURES: None

DESIGN EXCEPTIONS TO BE REQUIRED:

CONTROLLING CRITERIA	UNDETERMINED	YES	NO
HORIZONTAL ALIGNMENT	()	()	(X)
ROADWAY WIDTH	()	()	(X)
SHOULDER WIDTH	()	()	(X)
VERTICAL GRADES	()	()	(X)
CROSS SLOPES	()	()	(X)
STOPPING SIGHT DISTANCE	()	()	(X)
SUPERELEVATION RATES	()	()	(X)
HORIZONTAL CLEARANCE	()	()	(X)
SPEED DESIGN	()	()	(X)
VERTICAL CLEARANCE	()	()	(X)
BRIDGE WIDTH	()	()	(X)
BRIDGE STRUCTURAL CAPACITY	()	()	(X)

Note: A design variance will be required for the median opening spacing along Forest Hill Road between Forsyth Road and Ridge Avenue. The proposed spacing is 167 m. Both existing intersections are signalized and the substandard median spacing will be mitigated by: coordinating the two intersections through the installation of a coordinated traffic signal system with optimum signal timing, providing dual left-turn only lanes southbound on Forest Hill Road at Forsyth Road, and prohibiting left-turns northbound from Forest Hill Road onto Ridge Avenue. A traffic study was conducted to determine the effects of not allowing a

median opening at Ridge Ave. It was determined that the traffic from Ridge Ave. would have to be rerouted to Vineville Ave./Forsyth Rd. (US 41/SR 19). This would create a turning movement onto Forest Hill Rd. with a Level of Service of 'E'.

The traffic signals at Forsyth Road, Ridge Ave., and Wimbish Road will be upgraded.

NUMBER OF PARCELS: 38

DISPLACEMENTS: 1 Commercial, 5 Residential

LEVEL OF ENVIRONMENTAL ANALYSIS: Categorical Exclusion

PUBLIC INVOLVEMENT: Public Meeting to be held

PERMITS REQUIRED (COE 404, WATER QUALITY, TVA): ~~None~~

TIME SAVINGS PROCEDURES APPROPRIATE: () YES (X) NO

LOCAL GOVERNMENT COMMITMENTS: County government to fund design, right-of-way acquisition and utility relocation

OTHER PROJECTS IN THE AREA:

1. STP-3213(3), P.I. # 351130-Forest Hill Road (CR 723) from Wimbish Road (CS 997) to Northside Drive (CR 79)
2. STP-3213(4), P.I. # 351140-Northwest Parkway from Log Cabin Drive (CR 88) to Forsyth Road (US 41, SR 19) on new location and Park Street
3. MLP-19(39), P.I. #363590-Vineville Avenue (US 41, SR 19) from Pio Nono Avenue (SR 247) to Forest Hill Road (CR 723)

CONCEPT TEAM MEETING DATE: 1/27/98

PROBABLE LOCATIONS OF USTS: Existing UST located on the northeast corner of the intersection of Forsyth Road (US 41, SR 19) and Forest Hill Road (CR 723)

PROBABLE LOCATIONS OF HAZARDOUS WASTE: One site located on the northeast corner of the intersection of Forsyth Road (US 41, SR 19) at Forest Hill Road (CR 723). Result of the existing in use UST at this location.

OTHER ALTERNATES CONSIDERED: No Build

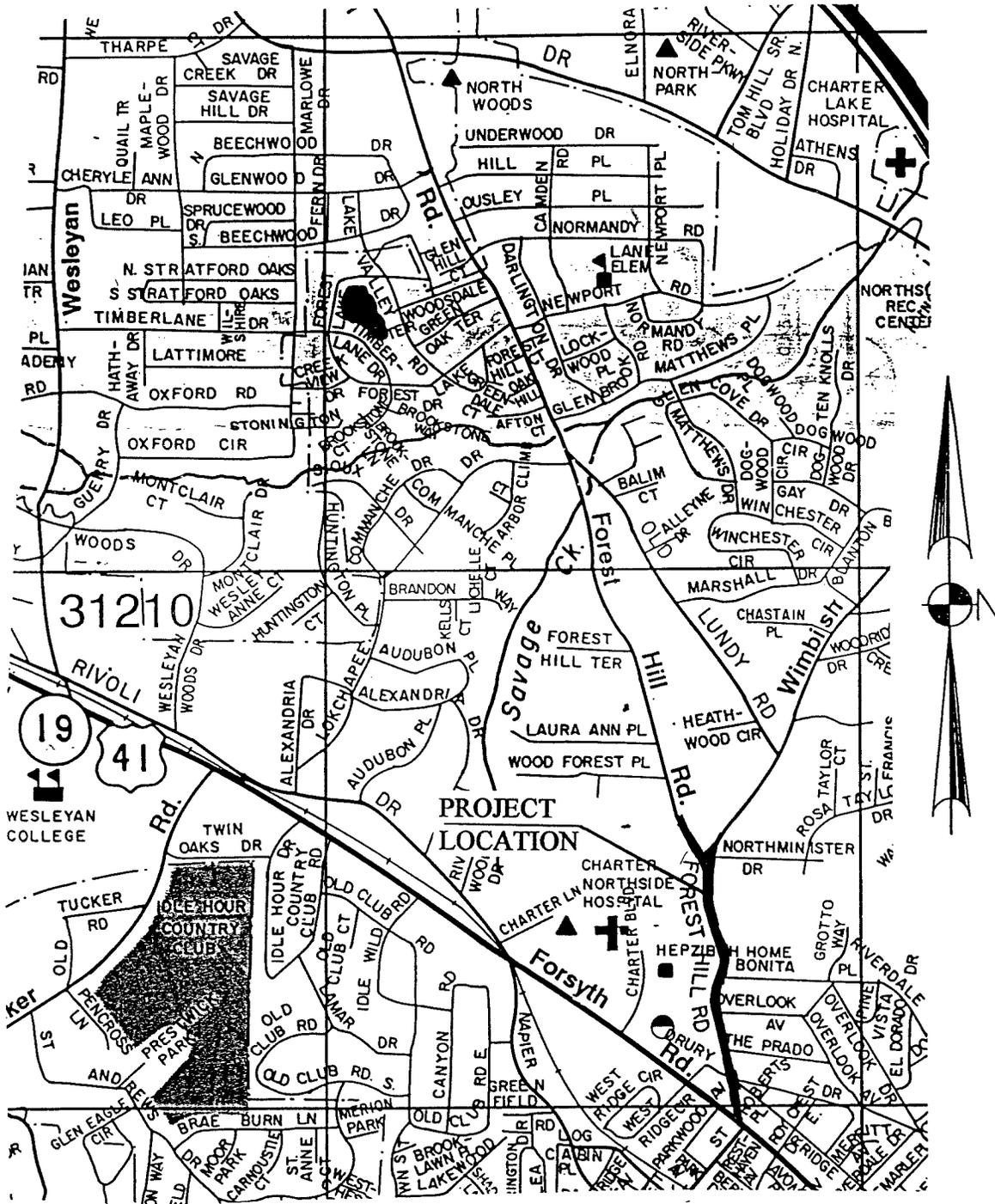
COMMENTS:

- 1. Macon Water Authority currently owns a 20 ft. easement on the west side of Forest Hill Road between Overlook Ave. and Charter Northside. MWA has requested the easement be retained or a new easement be given them.**

- 2. The current concept calls for constructing cul-de-sacs at Overlook Avenue and at The Prado Road. The possibility of creating 'T' intersections at these roads remains a viable alternative to the closing of these streets. The median cut spacing would allow an opening at Overlook Ave., while the Prado would be right-in/right-out. The determination of which option to pursue will be made following a Public Meeting for the project.**

ATTACHMENTS: PROJECT LOCATION MAP, COST ESTIMATE, NEED & PURPOSE STATEMENT, TYPICAL SECTION, ACCIDENT SUMMARY, TRAFFIC FLOW DIAGRAMS, CONCEPT MEETING MINUTES

PROJECT LOCATION MAP
PROJECT # STP-3213(1), P.I. # 350520 BIBB COUNTY
FOREST HILL RD (CR 723) FROM FORSYTH RD (US 41, SR 19) WIMBISH RD (CS 997)



PRELIMINARY COST ESTIMATE
 PROJECT # STP-3213(1), P.I. # 350520
 MACON-BIBB COUNTY PROJECT # 9
 Forest Hill Rd (CR 723) Reconstruction
 from Forsyth Rd (US 41, SR 19) to Wimbish Rd (CS 997) w/grassed median

DATE:12/15/97

PREPARED BY: Moreland Altobelli Associates Inc

PROJECT DESCRIPTION/CONCEPT: Widen Forest Hill Rd (from Forsyth Rd to Wimbish Rd) from a 2-lane rural section to a 4 lane divided urban section w/6 m grassed median & sidewalks

TRAFFIC (AADT): Year 2001-20000, Design Year 2021-31020

EXISTING ROADWAY: 2 lanes undivided rural section

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

PROJECT COSTS (METRIC UNITS)

A. RIGHT-OF-WAY			BY LOCAL GOVT
		SUBTOTAL	BY LOCAL GOVT
B. REIMBURSABLE UTILITIES			BY LOCAL GOVT
		SUBTOTAL	BY LOCAL GOVT
C. CLEARING & GRUBBING			
CL & GRUB LUMP SUM	5.6 ha @	\$20,000.00	\$112,000
		SUBTOTAL	\$112,000
D. EARTHWORK			
BORROW INCL HAUL	20000 m ³ @	\$3.00	\$60,000
UNCL EXCAVATION	20000 m ³ @	\$4.60	\$92,000
		SUBTOTAL	\$152,000

PRELIMINARY COST ESTIMATE
 PROJECT # STP-3213(1), P.I. # 350520
 MACON-BIBB COUNTY PROJECT # 9
 Forest Hill Rd (CR 723) Reconstruction
 from Forsyth Rd (US 41, SR 19) to Wimbish Rd (CS 997) w/grassed median

E. BASE & PAVING

GRADED AGR BASE	19500 Mg @	\$16.50	\$321,750
ASPH CONC 12.5 mm	2570 Mg @	\$35.50	\$91,235
ASPH CONC 19 mm	3240 Mg @	\$35.70	\$115,668
ASPH CONC 25 mm	6480 Mg @	\$34.40	\$222,912
LEVELING	90 Mg @	\$37.40	\$3,366
TACK COAT	20000 L @	\$0.25	\$5,000
		SUBTOTAL	\$759,931

F. DRAINAGE

DRAINAGE LUMP SUM	1.17 km @	\$250,000.00	\$292,500
		SUBTOTAL	\$292,500

G. CONCRETE WORK

APPROACH SLABS	0 m ² @	\$100.00	\$0
CURB & GUTTER, TP 7	2100 m @	\$30.00	\$63,000
CURB & GUTTER, TP 2	3750 m @	\$30.00	\$112,500
VALLEY GUTTER	150 m ² @	\$37.40	\$5,610
SIDEWALK	3600 m ² @	\$22.00	\$79,200
MEDIAN PAVING	1530 m ² @	\$25.30	\$38,709
DITCH PAVING	0 m ² @		\$0
		SUBTOTAL	\$299,019

H. TRAFFIC CONTROL

TRAF CONT LUMP SUM	1.17 km @	\$70,000.00	\$81,900
		SUBTOTAL	\$81,900

I. EROSION CONTROL

EROS CONT LUMP SUM	1.17 km @	\$30,000.00	\$35,100
		SUBTOTAL	\$35,100

PRELIMINARY COST ESTIMATE
 PROJECT # STP-3213(1), P.I. # 350520
 MACON-BIBB COUNTY PROJECT # 9
 Forest Hill Rd (CR 723) Reconstruction
 from Forsyth Rd (US 41, SR 19) to Wimbish Rd (CS 997) w/grassed median

J. GUARDRAIL

W-BEAM RAIL	0 m @	\$38.00	\$0
T-BEAM RAIL	0 m @	\$133.00	\$0
TP 1 ANCHORS	0 ea @	\$444.00	\$0
TP 11 ANCHORS	0 ea @	\$1,335.00	\$0
		SUBTOTAL	\$0

K. SIGNING, STRIPING, SIGNALS,
LIGHTING

SIGNING & MARKING	1.17 km @	\$25,000.00	\$29,250
TRAFFIC SIGNALS	3 ea @	\$50,000.00	\$150,000
LIGHTING LUMP SUM	ea @		\$0
		SUBTOTAL	\$179,250

L. GRASSING/LANDSCAPING

GRASSING	1.17 km @	\$40,000.00	\$46,800
		SUBTOTAL	\$46,800

M. MISCELLANEOUS

FIELD ENG OFFICE	1 ea @	\$20,000.00	\$20,000
R/W MARKERS	90 ea @	\$56.00	\$5,040
		SUBTOTAL	\$25,040

N. MAJOR STRUCTURES

BRIDGES	0 m ² @	\$485.00	\$0
RETAINING WALLS	0 m @	\$500.00	\$0
BOX CULV CONC	0 m ³ @	\$475.00	\$0
BOX CULVERT STEEL	0 kg @	\$1.10	\$0
		SUBTOTAL	\$0

PRELIMINARY COST ESTIMATE
 PROJECT # STP-3213(1), P.I. # 350520
 MACON-BIBB COUNTY PROJECT # 9
 Forest Hill Rd (CR 723) Reconstruction
 from Forsyth Rd (US 41, SR 19) to Wimbish Rd (CS 997) w/grassed median

ESTIMATE SUMMARY

A. RIGHT-OF-WAY	BY LOCAL GOVT
B. REIMBURSABLE UTILITIES	BY LOCAL GOVT

CONSTRUCTION COST SUMMARY

C. CLEARING & GRUBBING	\$112,000
D. EARTHWORK	\$152,000
E. BASE & PAVING	\$759,931
F. DRAINAGE	\$292,500
G. CONCRETE WORK	\$299,019
H. TRAFFIC CONTROL	\$81,900
I. TEMP. EROSION CONTROL	\$35,100
J. GUARDRAIL	\$0
K. SIGNING, STRIPING, SIGNALS, LIGHTING	\$179,250
L. GRASSING/LANDSCAPING	\$46,800
M. MISCELLANEOUS	\$25,040
SUBTOTAL OF ROADWAY ITEMS	\$1,983,540
N. MAJOR STRUCTURES	\$0
TOTAL CONSTRUCTION ESTIMATE	\$1,983,540
3 YEARS OF INFLATION AT 5%	\$312,656
10% E & C	\$229,620
TOTAL CONSTRUCTION ESTIMATE	\$2,525,816

PRELIMINARY COST ESTIMATE OF LOCALLY FUNDED ITEMS
PROJECT 9 - FOREST HILL ROAD FROM FORSYTH RD TO WIMBISH RD

A. RIGHT OF WAY:

1. PROPERTY (land and easement)	\$325,000.00
2. DISPLACEMENT: 5 Res, 1 Bus, 0 M.H.	\$410,000.00
3. OTHER COST (adm.court, inflation)	\$145,000.00

SUBTOTAL : A **\$880,000.00**

B. REIMBURSABLE UTILITIES:

1. RAILROAD

2. TRANSMISSION LINES

3. SERVICES:

a. Adjust Manholes to Grade (11ea @ \$600)	\$6,600.00
b. Relocate Fire Hydrants (4ea @ \$1500)	\$6,000.00
c. Adjust Water Valves to Grade (8ea@ \$400)	\$3,200.00
d. Sanitary Sewer House Conn. (10ea @ \$650)	\$6,500.00
e. Relocate Water Meters (15ea @ \$450)	\$6,750.00
f. Adjust Water Main to Grade (200lf @ \$40)	\$8,000.00
e. Rel. services from 4" & 6" Main to 12" Main	\$14,000.00

SUBTOTAL : B-3 **\$51,050.00**

SUBTOTAL : B **\$51,050.00**

C. PRELIMINARY ENGINEERING: **\$200,000.00**

ESTIMATE SUMMARY OF LOCALLY FUNDED ITEMS

PROJECT 9 - FOREST HILL RD FROM FORSYTH RD TO WIMBISH RD

A. RIGHT-OF-WAY _____	<u>\$880,000.00</u>
B. REIMBURSABLE UTILITIES _____	<u>\$51,050.00</u>
C. PRELIMINARY ENGINEERING _____	<u>\$200,000.00</u>
TOTAL PROJECT COST _____	<u>\$1,131,050.00</u>
PROGRAM ESTIMATE _____	<u>\$866,000.00</u>
OVER PROGRAM ESTIMATE _____	<u>\$265,050.00</u>

NEED AND PURPOSE STATEMENT
PROJECT # STP-3213(1), P.I. # 350520 BIBB COUNTY
FOREST HILL RD (CR 723) RECONSTRUCTION
FROM FORSYTH RD (US 41, SR 19) TO WIMBISH RD (CS 997)

The proposed project will widen Forest Hill Road (CR 723) from Forsyth Road (US 41, SR 19) to 122 m north of realigned Wimbish Road (CS 997). The section between Overlook Avenue and Wimbish Road will be realigned to improve two sub-standard horizontal curves. This project includes the realignment of the Wimbish Road approach to Forest Hill Road and the upgrade of the existing traffic signals at Forsyth Road, Ridge Avenue and Wimbish Road. The improvements will include the installation of curb and gutter, sidewalks and drainage structures. The existing Forest Hill Road is a rural two-lane facility with 6.7 m pavement width, 1.8 m shoulders and drainage ditches. The proposed improvements consist of upgrading the existing roadway to a four-lane divided urban section with a 6 m raised grassed median with landscaping.

Forest Hill Road provides a connection from north Macon south to Park Street, which will connect to Mercer University Drive, Eisenhower Parkway and Macon Mall when the Northwest Parkway is completed. In addition, Forest Hill Road connects to Forsyth Road (US 41, SR 19), which provides a connection into downtown Macon, as well as Wimbish Road and Northside Drive, which provide an east-west connection to Riverside Drive (US 23, SR 87) and I-75. Other Macon-Bibb County Road Improvement Program projects will widen Park Street south from the intersection with Forsyth/Forest Hill Road to the intersection of Napier Avenue at Park Street, extend Park Street as a four-lane divided arterial from Napier Avenue to Log Cabin Drive and widen Log Cabin Drive and Bloomfield Road south to Rocky Creek Road. The widening provided by this project will tie into the multi-lane widening of Forest Hill Road from Wimbish Road to Northside Drive. The sum of these projects will provide a multi-lane north-south corridor in west Macon that will connect north Macon to the business and shopping areas around Eisenhower Parkway. In addition, they will provide a connection from north Macon through Log Cabin Drive, Bloomfield Drive and Rocky Creek Road to Pio Nono Avenue, I-75 and Warner Robins.

In 1996, the traffic count on this project was 14114 vehicles per day, which causes considerable congestion on the existing two-lane road. The design year projection of 31020 vehicles per day is sufficient to justify the construction of the proposed project. In addition, this project serves residential areas and connects to commercial areas: therefore, the proposed sidewalks will increase safety for pedestrians in the area.

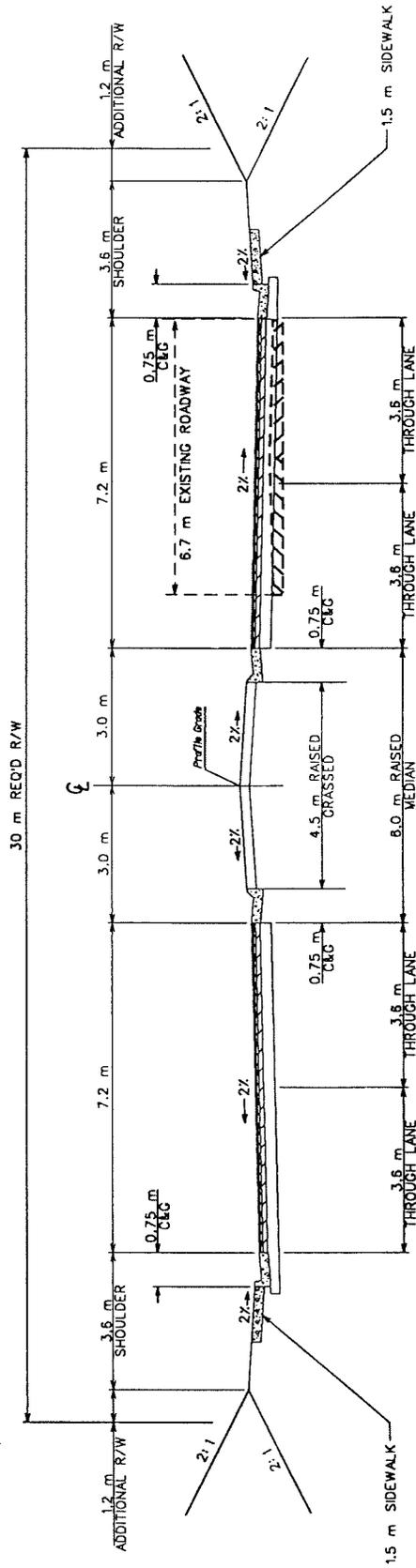
With both Wimbish Road and Forsyth Road (US 41, SR 19) being major connectors to the I-75 corridor, they are logical termini for this project. The traffic volume on Forest Hill Road north of Wimbish Road drops to approximately 2/3 of the traffic volume measured between the Wimbish Road intersection and Forsyth Road (US 41, SR 19). This shows further substantiation of the project termini.

The proposed project will also tie into several other projects in this area of Macon. The north end of the project will match the begin point of Project-3213(3), P.I. No. 351130-Forest Hill Road

from Wimbish Road to Northside Drive. The south end of the project will match the four-lane divided urban section of Project STP-3213(4), P.I. 351140-Northwest Parkway from Log Cabin Drive to Forsyth Road on new location and Park Street. These projects will continue further south with projects STP-3201(8), P.I. No. 351105-Log Cabin Drive from Mercer University Drive to Hollingsworth Road, STP-3201(9), P.I. No. 351110-Log Cabin Drive from Eisenhower Parkway to Mercer University Drive and STP-3213(10), P.I. No. 351120-Bloomfield Road/Log Cabin Drive from Rocky Creek Road to Eisenhower Parkway. In addition, this project intersects project MLP-19(39), P.I. No. 363590-Vineville Avenue from Pio Nono Avenue to Forest Hill Road.

Because of other roadway projects in the vicinity of this project, the no-build alternative would greatly increase the congested traffic conditions that already exist, resulting in a level of service that is unacceptable for a two-lane road. The proposed improvements to Forest Hill Road are included in the adopted Macon Area Transportation Study and the current Transportation Improvement Program.

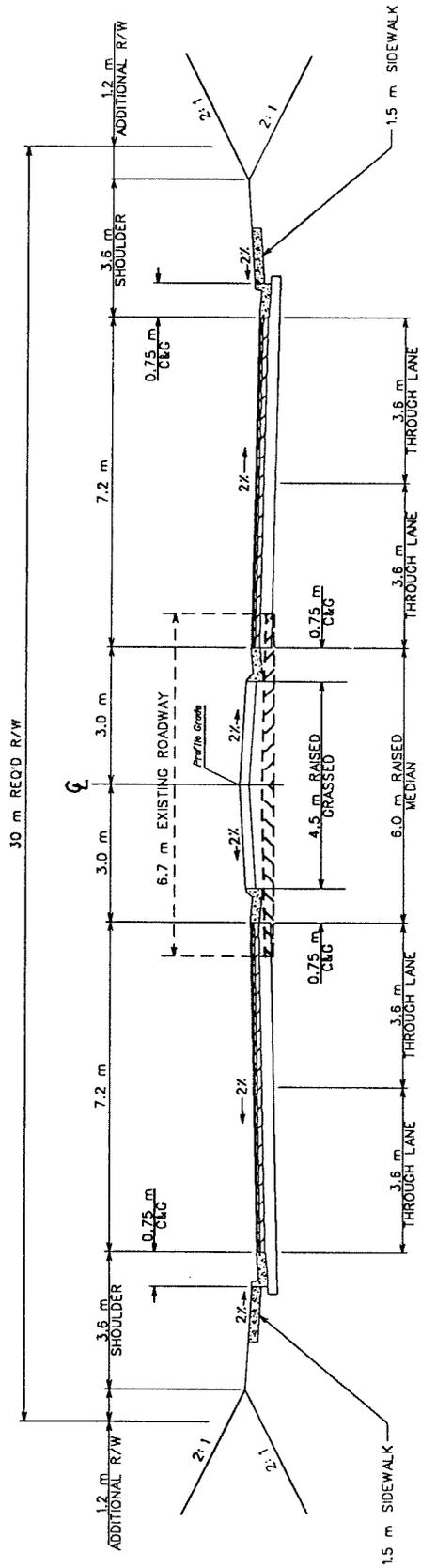
TYPICAL SECTION (N.T.S.)



FORSYTH RD. TO OVERLOOK AVE.
VIEWING NORTH

PROJECT STP-3213(1), P.I. NO. 350520 - MACON-BIBB CO. PROJ. NO. 9
FOREST HILL ROAD FROM FORSYTH ROAD TO WIMBISH ROAD

TYPICAL SECTION (N.T.S.)



OVERLOOK AVE. TO WIMBISH RD.

PROJECT STP-3213(1), P.I. NO. 350520 - MACON-BIBB CO. PROJ. NO. 9
FOREST HILL ROAD FROM FORSYTH ROAD TO WIMBISH ROAD

**TRAFFIC ACCIDENT SUMMARY
MACON - BIBB COUNTY
TRAFFIC ENGINEERING DEPARTMENT**

FOREST HILL ROAD (from Wimbish Rd. to Vineville Ave.)

Note: Locations are in order of occurrence from North to South

01-01-1994 Thru 12-31-1994

Street Name	Int Street /Block No	Total Accidents	Time		Accident Type				Fat.	Inj.
			Day	Night	Right Angle	Rear End	Left Turn	Other		
Forest Hill Road	Wimbish Road	8	4	4	1	6	0	1	0	2
Forest Hill Road	Overlook Ave	1	1	0	0	1	0	0	0	0
Forest Hill Road	The Prado	2	2	0	0	2	0	0	0	1
Forest Hill Road	Drury Dr/Ridge Ave	15	7	8	9	6	0	0	0	9
Forest Hill Road	100	2	2	0	0	2	0	0	0	1
Forest Hill Road	Vineville Ave	6	6	0	0	5	0	1	0	0
Total		34	22	12	10	22	0	2	0	13

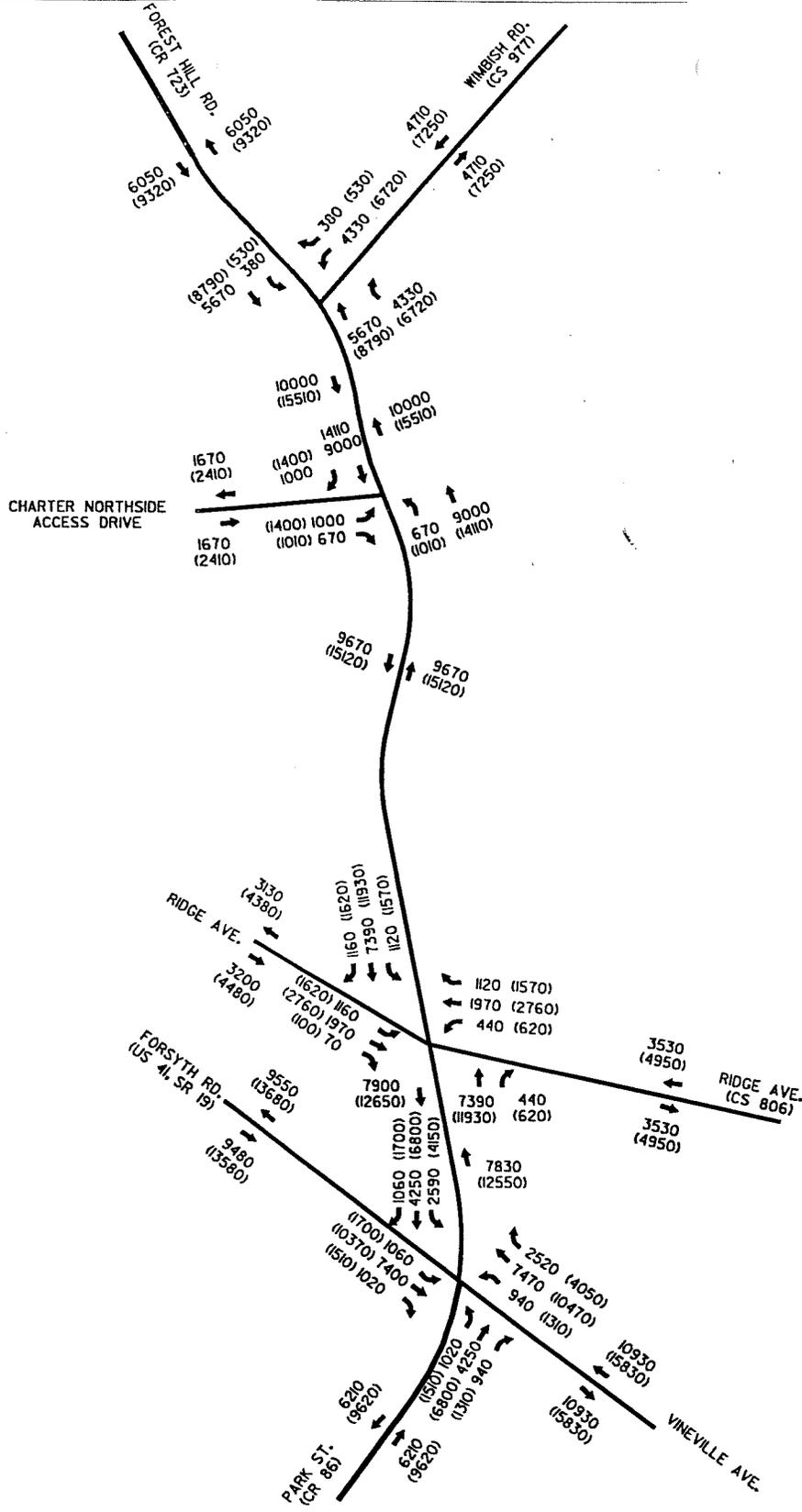
01-01-1995 Thru 12-31-1995

Street Name	Int Street /Block No	Total Accidents	Time		Accident Type				Fat.	Inj.
			Day	Night	Right Angle	Rear End	Left Turn	Other		
Forest Hill Road	Wimbish Road	0	0	0	0	0	0	0	0	0
Forest Hill Road	400	1	1	0	0	1	0	0	0	0
Forest Hill Road	Overlook Ave	3	3	0	0	3	0	0	0	0
Forest Hill Road	Drury Dr/Ridge Ave	4	4	0	2	1	1	0	0	0
Forest Hill Road	100	2	1	1	1	1	0	0	0	0
Forest Hill Road	Vineville Ave	5	4	1	0	4	1	0	0	0
Total		15	13	2	3	10	2	0	0	0

01-01-1996 Thru 12-31-1996

Street Name	Int Street /Block No	Total Accidents	Time		Accident Type				Fat.	Inj.
			Day	Night	Right Angle	Rear End	Left Turn	Other		
Forest Hill Road	Wimbish Road	3	2	1	0	3	0	0	0	0
Forest Hill Road	400	10	7	3	1	3	3	3	1	4
Forest Hill Road	300	3	0	3	0	1	0	2	0	2
Forest Hill Road	Drury Dr/Ridge Ave	8	5	3	4	3	0	1	0	5
Forest Hill Road	100	1	1	0	0	0	0	1	0	0
Forest Hill Road	Vineville Ave	9	5	4	3	6	0	0	0	1
Total		34	20	14	8	16	3	7	1	12

Note: No accident comparison was done because it is not valid to summarize short stretches of roadway



24 HR T=4%
2% S.U., 2% COMB.

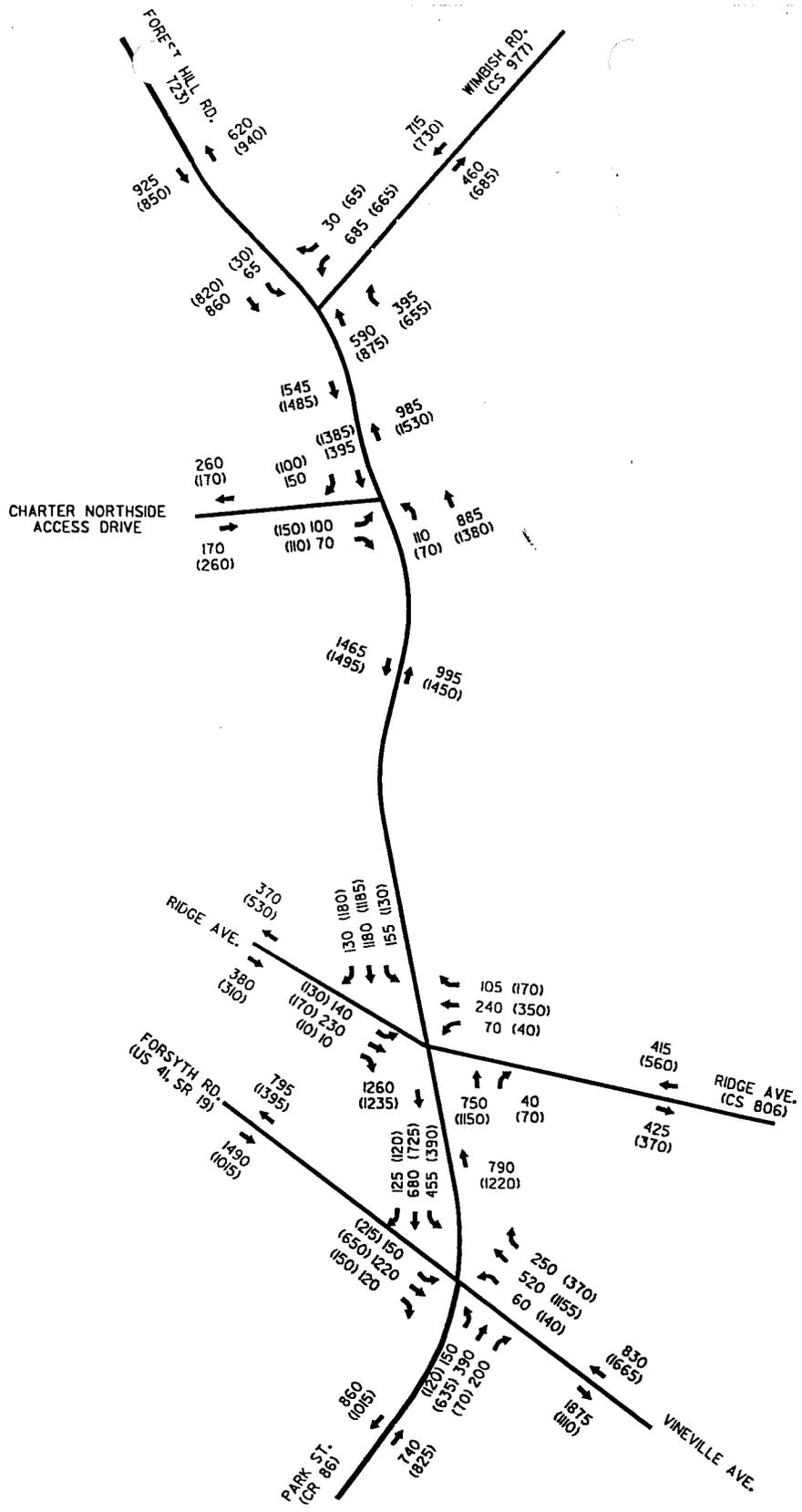


OPENING AND DESIGN YEAR AADT

000 OPENING YEAR 2001 AADT
0000 DESIGN YEAR 2021 AADT

MA Moreland Altobelli
Associates, Inc.
FIGURE 1

FOREST HILL ROAD (CR 723)
FORSYTH ROAD (US 41, SR 19) TO WIMBISH ROAD (CS 997)
PROJECT NO. STP 3213(I), P.I. NO. 350520
MACON-BIBB CO. ROAD PROGRAM PROJECT NO. 9



YEAR 2021 DESIGN HOUR TRAFFIC

000 AM PEAK DESIGN HOUR
 0000 PM PEAK DESIGN HOUR

Streets: (E-W) FORSYTH ROAD (N-S) FOREST HILL ROAD
 Analyst: MAAI File Name:
 Area Type: Other 7-9-97 AM PEAK
 Comment: DESIGN YEAR 2021 TRAFFIC

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	2	<	1	2	1	2	2	1	2	2	1
Volumes	150	1220	120	60	520	250	150	390	200	455	680	125
Lane Width	12.0	12.0		12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
RTOR Vols			0			0			0			0
Lost Time	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	*	*	*		NB Left	*		
Thru		*	*		Thru		*	
Right		*	*		Right		*	
Peds		*	*		Peds		*	
WB Left	*		*		SB Left	*	*	
Thru			*		Thru		*	*
Right			*		Right		*	*
Peds	*		*		Peds		*	*
NB Right	*				EB Right			
SB Right	*	*			WB Right	*	*	
Green	7.0A	9.0A	42.0A		Green	10.0A	11.0A	21.0A
Yellow/AR	5.0	0.0	5.0		Yellow/AR	5.0	0.0	5.0

Cycle Length: 120 secs Phase combination order: #1 #2 #3 #5 #6 #7

Intersection Performance Summary

	Lane Group:	Adj Sat	v/c	g/C	Delay	LOS	Approach:	Delay	LOS
	Mvmts Cap	Flow	Ratio	Ratio					
EB	L	412	1770	0.383	0.325	10.0	B	24.6	C
	TR	1623	3675	0.912	0.442	26.2	D		
WB	L	199	1770	0.317	0.150	16.4	C	15.3	C
	T	1366	3725	0.420	0.367	18.5	C		
	R	923	1583	0.285	0.583	8.1	B		
NB	L	354	3539	0.461	0.100	33.6	D	28.7	D
	T	714	3725	0.605	0.192	29.7	D		
	R	462	1583	0.457	0.292	23.0	C		
SB	L	678	3539	0.727	0.192	32.1	D	27.3	D
	T	1055	3725	0.713	0.283	26.5	D		
	R	686	1583	0.192	0.433	13.6	B		

Intersection Delay = 24.3 sec/veh Intersection LOS = C
 Lost Time/Cycle, L = 15.0 sec Critical v/c(x) = 0.793

Streets: (E-W) FORSYTH ROAD (N-S) FOREST HILL ROAD
 Analyst: MAAI File Name:
 Area Type: Other 7-9-97 PM PEAK
 Comment: DESIGN YEAR 2021 TRAFFIC

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	2	<	1	2	1	2	2	1	2	2	1
Volumes	215	650	150	140	1155	370	120	635	70	390	725	120
Lane Width	12.0	12.0		12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
RTOR Vols			0			0			0			0
Lost Time	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	*	*	*		NB Left	*		
Thru		*	*		Thru		*	
Right		*	*		Right		*	
Peds		*	*		Peds		*	
WB Left		*	*		SB Left	*	*	
Thru			*		Thru		*	*
Right			*		Right		*	*
Peds		*	*		Peds		*	*
NB Right		*			EB Right			
SB Right		*	*		WB Right	*	*	
Green		7.0A	5.0A	46.0A	Green	10.0A	7.0A	25.0A
Yellow/AR		5.0	0.0	5.0	Yellow/AR	5.0	0.0	5.0
Cycle Length: 120 secs Phase combination order: #1 #2 #3 #5 #6 #7								

Intersection Performance Summary

	Lane Group:	Adj Sat	v/c	g/C	Delay	LOS	Approach:	Delay	LOS
	Mvmts	Cap	Flow	Ratio	Ratio		Delay	LOS	
EB	L	269	1770	0.840	0.258	35.6	D	20.2	C
	TR	1598	3619	0.553	0.442	16.3	C		
WB	L	215	1770	0.684	0.150	18.6	C	21.0	C
	T	1490	3725	0.857	0.400	24.9	C		
	R	923	1583	0.421	0.583	9.1	B		
NB	L	354	3539	0.367	0.100	32.9	D	32.5	D
	T	838	3725	0.836	0.225	33.9	D		
	R	514	1583	0.144	0.325	18.5	C		
SB	L	560	3539	0.755	0.158	35.2	D	28.8	D
	T	1055	3725	0.759	0.283	27.6	D		
	R	633	1583	0.199	0.400	15.2	C		

Intersection Delay = 24.9 sec/veh Intersection LOS = C
 Lost Time/Cycle, L = 12.0 sec Critical v/c(x) = 0.852

Streets: (E-W) RIDGE AVENUE (N-S) FOREST HILL ROAD
 Analyst: MAAI File Name:
 Area Type: Other 7-9-97 AM PEAK
 Comment: DESIGN YEAR 2021 TRAFFIC

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	<	1	1	1		2	1	1	2	1
Volumes	140	230	10	70	240	105		750	40	155	1180	130
Lane Width	12.0	12.0		12.0	12.0	12.0		12.0	12.0	12.0	12.0	12.0
RTOR Vols			0			0			0			0
Lost Time	3.00	3.00	3.00	3.00	3.00	3.00		3.00	3.00	3.00	3.00	3.00

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	*	*						
Thru		*				*		
Right		*				*		
Peds		*				*		
WB Left	*	*						
Thru		*				*		
Right		*				*		
Peds	*	*				*		
NB Right	*							
SB Right	*							
Green	10.0A	25.0A			7.0A	48.0A		
Yellow/AR	5.0	5.0			5.0	5.0		

Cycle Length: 110 secs Phase combination order: #1 #2 #5 #6

Intersection Performance Summary

	Lane Group:	Mvmts	Cap	Adj Sat Flow	v/c Ratio	g/C Ratio	Delay	LOS	Approach:	
									Delay	LOS
EB	L	320		1770	0.459	0.245	16.2	C	21.5	C
	TR	455		1852	0.557	0.245	24.6	C		
WB	L	320		1770	0.231	0.245	14.8	B	20.7	C
	T	457		1863	0.553	0.245	24.5	C		
	R	561		1583	0.198	0.355	15.9	C		
NB	T	1693		3725	0.489	0.455	13.8	B	13.4	B
	R	935		1583	0.045	0.591	6.1	B		
SB	L	240		1770	0.679	0.191	14.6	B	10.6	B
	T	2100		3725	0.621	0.564	10.8	B		
	R	1108		1583	0.124	0.700	3.5	A		

Intersection Delay = 14.0 sec/veh Intersection LOS = B
 Lost Time/Cycle, L = 9.0 sec Critical v/c(x) = 0.620

Streets: (E-W) RIDGE AVENUE (N-S) FOREST HILL ROAD
 Analyst: MAAI File Name:
 Area Type: Other 7-9-97 PM PEAK
 Comment: DESIGN YEAR 2021 TRAFFIC

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	<	1	1	1	2	1		1	2	1
Volumes	130	170	10	40	350	170	1150	70		130	1185	180
Lane Width	12.0	12.0		12.0	12.0	12.0	12.0	12.0		12.0	12.0	12.0
RTOR Vols			0			0		0				0
Lost Time	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00		3.00	3.00	3.00

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	*	*						
Thru		*				*		
Right		*				*		
Peds		*				*		
WB Left	*	*						
Thru		*				*		
Right		*				*		
Peds	*	*				*		
NB Right	*							
SB Right	*							
Green	10.0A	25.0A			7.0A	48.0A		
Yellow/AR	5.0	5.0			5.0	5.0		
Cycle Length:	110 secs Phase combination order: #1 #2 #5 #6							

Intersection Performance Summary

Lane	Group:	Adj Sat	v/c	g/C	Delay	LOS	Approach:	Delay	LOS
Mvmts	Cap	Flow	Ratio	Ratio					
EB	L	261	1770	0.525	0.245	17.9	C	20.8	C
	TR	453	1846	0.419	0.245	22.9	C		
WB	L	387	1770	0.109	0.245	14.2	B	26.2	D
	T	457	1863	0.805	0.245	32.2	D		
	R	561	1583	0.319	0.355	16.8	C		
NB	T	1693	3725	0.751	0.455	17.4	C	16.8	C
	R	935	1583	0.079	0.591	6.2	B		
SB	L	213	1770	0.643	0.191	16.8	C	10.5	B
	T	2100	3725	0.623	0.564	10.9	B		
	R	1108	1583	0.171	0.700	3.6	A		

Intersection Delay = 15.9 sec/veh Intersection LOS = C
 Lost Time/Cycle, L = 12.0 sec Critical v/c(x) = 0.779

Streets: (E-W) WIMBISH ROAD (N-S) FOREST HILL ROAD
 Analyst: MAAI File Name:
 Area Type: Other 7-9-97 AM PEAK
 Comment: DESIGN YEAR 2021 TRAFFIC

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes				2		1		2	1		1	2
Volumes				685		30		590	395		65	860
Lane Width				12.0		12.0		12.0	12.0		12.0	12.0
RTOR Vols						0			0			0
Lost Time				3.00		3.00		3.00	3.00		3.00	3.00

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left								
Thru								
Right								
Peds								
WB Left	*							
Thru								
Right	*							
Peds	*							
NB Right	*							
SB Right								
Green	40.0A					7.0A	48.0A	
Yellow/AR	5.0					5.0	5.0	

Cycle Length: 110 secs Phase combination order: #1 #5 #6

Intersection Performance Summary

	Lane Group:	Mvmts	Cap	Adj Sat Flow	v/c Ratio	g/C Ratio	Delay	LOS	Approach:	
									Delay	LOS
WB	L	1351		3539	0.550	0.382	17.6	C	17.2	C
	R	777		1583	0.041	0.491	9.4	B		
NB	T	1693		3725	0.385	0.455	12.9	B	8.2	B
	R	1367		1583	0.304	0.864	0.9	A		
SB	L	305		1770	0.223	0.191	7.7	B	9.1	B
	T	2100		3725	0.452	0.564	9.2	B		

Intersection Delay = 11.0 sec/veh Intersection LOS = B
 Lost Time/Cycle, L = 6.0 sec Critical v/c(x) = 0.492

Streets: (E-W) WIMBISH ROAD (N-S) FOREST HILL ROAD
 Analyst: MAAI File Name:
 Area Type: Other 7-9-97 PM PEAK
 Comment: DESIGN YEAR 2021 TRAFFIC

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes				2		1		2	1	1		2
Volumes				665		65		875	655	30		820
Lane Width				12.0		12.0		12.0	12.0	12.0		12.0
RTOR Vols						0			0			0
Lost Time				3.00		3.00		3.00	3.00	3.00		3.00

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left								
Thru								
Right								
Peds								
WB Left		*						
Thru								
Right		*						
Peds		*						
NB Right		*						
SB Right								
Green		40.0A						
Yellow/AR		5.0						
Cycle Length: 110 secs								
Phase combination order: #1 #5 #6								

Intersection Performance Summary

	Lane	Group:	Adj Sat		v/c	g/C	Delay	LOS	Approach:	
			Flow	Ratio					Delay	LOS
WB	L	1351	3539	0.534	0.382	17.4	C	16.7	C	
	R	777	1583	0.088	0.491	9.6	B			
NB	T	1693	3725	0.571	0.455	14.6	B	9.1	B	
	R	1367	1583	0.504	0.864	1.4	A			
SB	L	213	1770	0.150	0.191	8.6	B	9.0	B	
	T	2100	3725	0.432	0.564	9.0	B			

Intersection Delay = 10.9 sec/veh Intersection LOS = B
 Lost Time/Cycle, L = 9.0 sec Critical v/c(x) = 0.524

Minutes of Meeting

Date: January 27, 1998

Location: Georgia Department of Transportation
Room 356, No. 2 Capitol Square

Project: Forest Hill Road Reconstruction
STP-3213(1)
P.I. # 350520

Attendees:

Joe Palladi, GDOT	Ben Buchan, GDOT
Dana Watts, GDOT	Karen Serio, MAAI
Genetha Rice-Singleton, GDOT	Joe Holyfield, Bibb County
Bill Causey, City of Macon	Bob Moore, GDOT
Joe Street, GDOT	Charles McElheney, MAAI
Kenneth H. Sheets, Bibb County	Jim Hitt, GDOT
Lewis Walker, GDOT Thomaston	Tony Dowd, MAAI
Gene Goims, GDOT Thomaston	Angela T. Alexander, GDOT
Van Etheridge, MAAI	Joe Leoni, GDOT Thomaston
Tom Queen, GDOT Environ. Location	Joe Johnson, MAAI
Naga Bhushana, Macon Water Authority	
Joe Appling, Macon Water Authority	
Reba Scott, GDOT Programming	

The major issues discussed were as follows:

The meeting began with a brief project description by Angela Alexander and everyone then introduced themselves.

Joe Johnson, Moreland Altobelli Associates Inc., then gave an overview of the history of the project then proceeded with relevant statistics for Forest Hill Road which included traffic counts, accidents, number and type of properties taken. Mr. Johnson explained that the current concept was designed to correct imperfections in the existing roadway while creating greater access for the surrounding roads. He also stated that the roadway had been shifted, as per the residents request, in order to miss taking the gateways to The Prado Road and Overlook Avenue and to retain the integrity of those neighborhoods.

Mr. Palladi asked that the comparable accident rates be included into the revised concept report. He also confirmed that there were to be sidewalks as well as a physical buffer between the roads and the new cul-de-sacs. Mr. Palladi then asked why a median cut at the Ridge Avenue intersection was necessary.

Mr. Johnson replied that Ridge Avenue is a densely traveled road because it was a route to downtown and the Riverside Drive corridor.

Mr. Palladi asked that a traffic study be conducted to see the effects of not allowing a median cut at Ridge Avenue. Mr. Palladi also suggested that for the PIM, alternate intersections showing a "T" formation at The Prado Road and Overlook Avenue be prepared.

Mr. Johnson then explained that the speed design for the project is 70 km/h (45 mph) whereas the existing speed is 35 mph. He then stated that there are no major structures or utilities located along the project.

Mr. Bhushana, Macon Water Authority, responded that there was a pump station at the intersection of Overlook Avenue and Forest Hill Road and that Macon Water & Sewer were planning on abandoning it. He also requested that the 20 feet water easement that runs along the west side of Forest Hill Rd. from Overlook Ave. to the hospital be retained for future expansion.

Mr. Palladi asked whether a retaining wall would be necessary at the entrance to the apartments located on the east of Forest Hill Rd. after realigning the area.

Mr. Johnson responded that it did not seem necessary, but that there are difficult grade situations in that area and there was only a limited space available for realignment.

Mr. Palladi asked about traffic staging during construction.

Mr. Johnson replied that the staging will be broken into two stages to minimize the impact on the flow of traffic.

Mr. Johnson confirmed that the only potential for Hazardous Waste was at a gas station located at the Forest Hill Rd./Vineville Ave. intersection, but it would not be effected by the project.

A question was asked regarding other projects in the area.

Mr. Johnson explained that the transitions to other projects are taken into account with the concept for Forest Hill Rd.

Concerns were mentioned about the typical section on the project that widens Forest Road from Wimbush Road to Northside Drive.

Mr. Palladi strongly felt that a three lane expansion would not be approved and that four lanes would be necessary for safety reasons.

The question was then raised as to why Forest Hill Rd. was split into two projects.

Mr. Johnson responded that due to the amount of traffic that drops off at Wimbish Road a smaller roadway would be sufficient from that point to Northside Drive.

Mr. Palladi then strongly suggested that the median be carried through the Wimbish Rd. intersection in order to ease the traffic as well as restrict turning movements from the law office located adjacent to the intersection.

The question of whether trees were planned for the median was raised and Mr. Johnson replied that the median would be landscaped.

Mr. Palladi added that before it is implemented, a commitment from the local government to maintain the median would be necessary.

The question of whether the mayor of Macon had seen the concept was raised by Mr. Bill Causey and Mr. Johnson responded that he had seen an earlier concept drawing that varied only slightly from the current proposal.

Mr. Palladi then stated that the issues addressed at the meeting should be in the concept report.

Ms. Alexander then closed the meeting by recapping the issues which included adding to the concept report the following: the accident rate, justifying the variance for the median break, discussing alternatives to the cul-de-sacs, confirming the water easement, extending the median through to the transitional area past Wimbish Rd., and landscaping the median.

These notes represent our understanding of the topics discussed. If you have any comments or corrections, please call Joe Johnson at (912) 755-0000.

Department of Transportation
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE

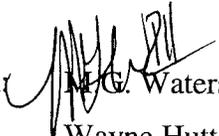
RECEIVED

MAR 10 1998

PRECONSTRUCTION

File: STP-3213(1)/Bibb County
P.I. No. 350520

Office: Traffic Operations
Atlanta, Georgia
Date: March 10, 1998

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 and reconstruction of Forest Hill Rd.(CR 723) beginning at Forsyth Road (U.S. 41/S.R. 19) and proceeding in a northerly direction to a point 122 m north of realigned Wimbush Rd.(CS 997). The total length of the project is 1.17 km(.72 miles). Currently Forest Hill Rd. is a two-lane facility on a rural typical section design with a posted speed limit of 35 mph(60 km/h). The proposed will be a four lane divided highway on an urban typical design section with 3.6 m through lanes, a 6 m raised grassed median with landscaping, 3.6 m shoulders, and a 1.5 m sidewalk on both sides. The speed design of the proposed roadway will be 45 mph(70km/h).

There are several projects within the area that will tie into the proposed reconstruction of this roadway. Traffic is to be maintained during construction.

We recommend further study be done to determine the feasibility of realigning the Charter Northside Hospital Drive with the realigned Wimbush Road. This realignment would give emergency vehicles as well as visitors better access into and out of the facility by use of the existing signal.

With this recommendation we believe this concept will improve safety and operational capacity along this section of roadway. We therefore find this report satisfactory for approval.

MGW:TWS

Attachment (signature page)

c: David Studstill
Joseph P. Palladi, P.E., State Urban Design Engineer
Attn.: Angela Alexander and Genetha Rice-Singleton
Bob Mustin, w/ attachment
General Files

Department of Transportation

State of Georgia

PROJECT CONCEPT REPORT

Forest Hill Road (723) Reconstruction
from Forsyth Road (US 41, SR 19) to Wimbish Road (CS 997)

Project Number: STP-3213(1)

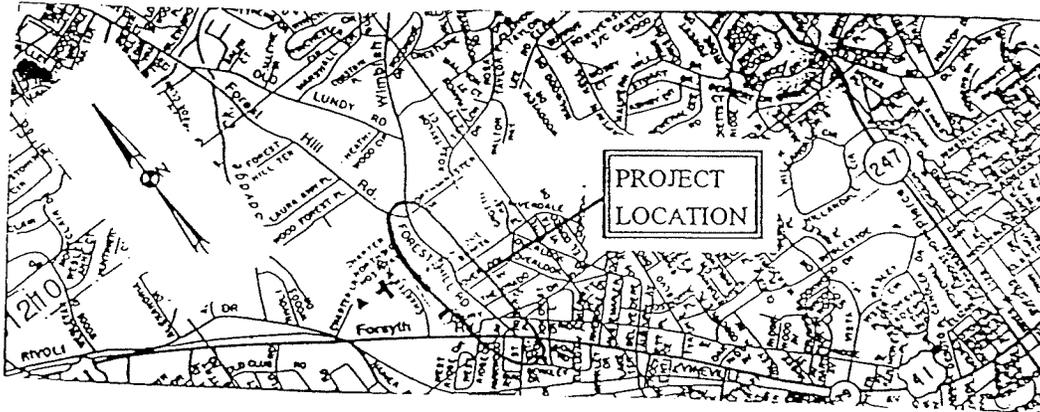
County: Bibb

P.I. Number: 350520

U.S. Route Number: None

State Route Number: None

Date of Report: 2/23/98



RECOMMENDATION FOR APPROVAL:

3/19/98
DATE

Joseph P. Pickett
STATE URBAN DESIGN ENGINEER

DATE

STATE ENVIRONMENT/LOCATION ENGINEER

3/12/98
DATE

Marion H. Waters
STATE TRAFFIC OPERATIONS ENGINEER

DATE

DISTRICT ENGINEER

DATE

STATE TRANSPORTATION PLANNING ADMINISTRATOR

DATE

PROJECT REVIEW ENGINEER

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

RECEIVED
MAR 30 1998

PRECONSTRUCTION

INTERDEPARTMENT CORRESPONDENCE

FILE STP-3213(1), Bibb County OFFICE Thomaston
P. I. No. 350520
Forest Hill Road (723) Reconstruction
From Forsyth Road to Wimbish Road
FROM *FOR* Joe B. Street, District Engineer *J. B. Street* DATE March 27, 1998
TO Wayne Hutto, Assistant Director of Preconstruction
SUBJECT **CONCEPT REPORT REVIEW**

We have reviewed the concept report on the above project and concur with the recommendation for approval.

Attached for your further handling is the concept report cover sheet that has been signed by the District Engineer.

JAL:pd
Attachment
Xc: Bobby Mustin
Joe Palladi

Department of Transportation

State of Georgia

PROJECT CONCEPT REPORT

Forest Hill Road (723) Reconstruction
from Forsyth Road (US 41, SR 19) to Wimbish Road (CS 997)

Project Number: STP-3213(1)

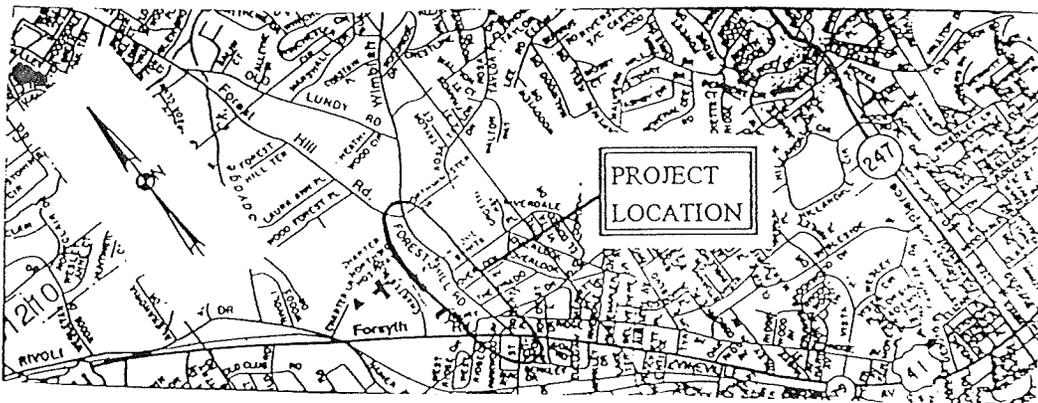
County: Bibb

P.I. Number: 350520

U.S. Route Number: None

State Route Number: None

Date of Report: 2/23/98



RECOMMENDATION FOR APPROVAL:

3/19/98
DATE

Joseph P. [Signature]
STATE URBAN DESIGN ENGINEER

DATE

STATE ENVIRONMENT/LOCATION ENGINEER

DATE

STATE TRAFFIC OPERATIONS ENGINEER

3-19-98
DATE

Joe B. [Signature]
DISTRICT ENGINEER

DATE

STATE TRANSPORTATION PLANNING ADMINISTRATOR

DATE

PROJECT REVIEW ENGINEER