

ORIGINAL TO GENERAL FILES

D.O.T. 66

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE STP-3223(4)/BRMLB-3223(6) Bibb County **OFFICE** Preconstruction
P. I. Nos. 351090/251095 **DATE** August 29, 1997
CWH
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)
Joe Palladi
Joe Street

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

FILE STP-3223(4)/BRMLB-3223(6) Bibb County **OFFICE** Preconstruction
P.I. Nos. 351090/351095
DATE July 30, 1997

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

TO Wayne Shackelford, Commissioner

SUBJECT PROJECT CONCEPT REPORT

These combined projects consist of the widening and reconstruction of Jeffersonville Road/CR 727 from Emery Highway to Walnut Creek for a total length of 1.12km. The existing route is a rural two lane facility with 7.2 pavement and 1.8m shoulders. The existing major structure is a narrow and structurally deficient 55.0m x 7.4m bridge over Walnut Creek with a sufficiency rating of 21.7. Jeffersonville Road provides an alternate route to the congested US 129/Gray Highway corridor and provides relief for the congested Gray Highway at Shurling Drive intersection by allowing traffic between Milledgeville and Macon to bypass Gray Highway and this congested intersection. Project implementation would result in an improved alternate route which would help alleviate the current congested conditions on Gray Highway and provide an important tie to the Fall Line Freeway in east Macon. A total of 139 accidents occurred between the years 1993 and 1995. Of the 139 accidents, the vast majority were rear end collisions.

The proposed project will improve operational efficiency of the facility. The base year traffic (2001) is 12,460 VPD and the design year traffic (2021) is 18,500 VPD. The posted speed varies from 60-65km/h and the design speed is 70km/h.

Project STP-3223(4) will widen Jeffersonville Road between the above termini to four, 3.6m lanes with a 4.2m center turn lane and 1.525m contiguous sidewalk on both sides. The proposed right-of-way is 30.0m. No design exceptions are required to implement this project. Traffic will be maintained during construction.

Project BRMLB-3223(6) will replace the existing bridge over Walnut Creek with a 77.5m x 25.0m bridge at the existing bridge site. The new structure will span the wetlands. Traffic will be maintained during construction.

Wayne Shackelford

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STP-3223(4)/BRMLB-3223(6) Bibb

July 30, 1997

Environmental concerns include requiring a COE 404 permit; a Categorical Exclusion will be prepared; 7 displacements - 1 commercial, 6 residences; one (1) possible UST site; a public hearing will be held; time saving procedures are not appropriate.

The estimated costs for these projects are:

STP-3223(4) Bibb

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG DATE</u>	<u>LET DATE</u>
Construction (includes E&C and inflation)	\$1,535,000	\$1,642,000	2001	00-11
Right-of-Way & Utilities*	Local	Local		

BRMLB-3223(6) Bibb

Construction (includes E&C and inflation)	\$1,235,000	\$1,142,000	2001	00-11
Right-of-Way & Utilities*	Local	Local		

*Bibb County signed contract on 2-9-96 to be responsible for preliminary engineering, right-of-way costs, and utility relocation costs; DOT to design bridge.

I recommend these project concepts 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

FILE: STP-3223(4) BIBB, P.I.# 351090 **OFFICE:** Atlanta, Georgia
DATE: July 14, 1997

FROM: Bob Mustin, Project Review Engineer *BM*
TO: C. Wayne Hutto, Assistant Director of Preconstruction

SUBJECT: PROJECT CONCEPT REPORT

We have reviewed the concept report submitted June 20, 1997 by the letter from Joseph P. Palladi dated June 18, 1997 and have no comments.

The estimated costs for the project are as follows:

Construction	\$	1,205,000	
Inflation	\$	190,000	
E & C	\$	140,000	
Right of Way	\$? (LGPA)
Reimbursable Utilities	\$? (LGPA)

DTM

c: Joe Palladi - Attention: Joe Wheeler

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE: BRMLB-3223(6) BIBB, P.I.# 351095 **OFFICE:** Atlanta, Georgia

DATE: July 15, 1997

FROM: Bob Mustin, Project Review Engineer *DM*

TO: C. Wayne Hutto, Assistant Director of Preconstruction

SUBJECT: PROJECT CONCEPT REPORT

We have reviewed the concept report submitted June 20, 1997 by the letter from Joseph P. Palladi dated June 18, 1997 and have no comments.

The estimated costs for the project are as follows:

Construction	\$	970,000	
Inflation	\$	153,000	
E & C	\$	112,000	
Right of Way	\$? (LGPA)
Reimbursable Utilities	\$? (LGPA)

DTM

c: Joe Palladi - Attention: Joe Wheeler

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

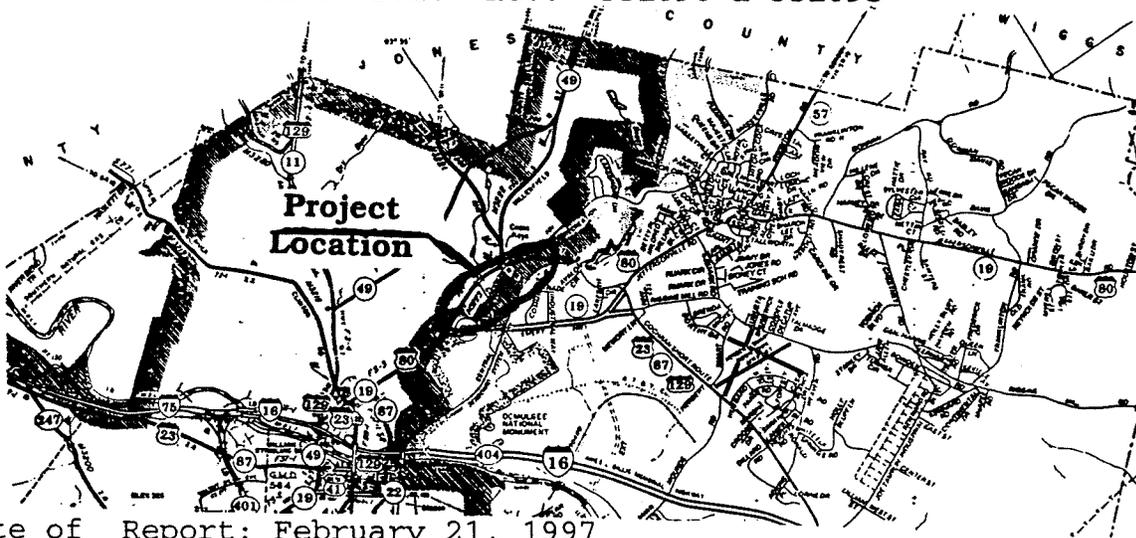
RECEIVED
JUN 26 1997
PRECONSTRUCTION

PROJECT CONCEPT REPORT

Project Numbers STP-3223(4) and BRMLB-3223(6)

Bibb County

Federal Route No.: None
State Route No.: None
GaDOT P.I. No.: 351090 & 351095



Date of Report: February 21, 1997

RECOMMENDATION FOR APPROVAL

June 20, 1997
Date

Joseph A. McLeod
State Urban Design Engineer

Date

State Environmental/Location Engineer

Date

State Traffic Operations Engineer

Date

District Engineer

Date

Project Review Engineer

Date

State Bridge & Structural Design Engineer

PROJECT CONCEPT REPORT

DATE: 2/21/97

PROJECT NUMBER: STP-3223(4), BRMLB-3223(6)

COUNTY: Bibb

DESCRIPTION: Jeffersonville Road (CR 727) from Emery Highway (US 23, 80, 129 Alt., SR 19, 87) ~~to~~ Millerfield Road (CS 83) widening from 2-lane rural section to 5-lane urban section with sidewalks including replacement of bridge over Walnut Creek

WALNUT CREEK

LENGTH: 1.12 km

P.I. NO.: 351090, 351095

U.S. ROUTE NO.: None

STATE RT. NO.: None

LOCATION: Jeffersonville Road (CR 727) from Emery Highway (US 23, 80, 129 Alt., SR 19, 87) to 390 m west of Millerfield Road (CS 83) (at east end of Walnut Creek Bridge)

MILE POINT REFERENCE: BEGIN-0.00 END-0.60

TRAFFIC (TWO-WAY AADT):

YEAR-2001 AADT-12460

YEAR-2021 AADT-18500

PDP CLASSIFICATION	NON-CA	CA	EX	SF	FUNCTION CLASSIFICATION
<u>Major</u>	()	()	(X)	()	<u>Urban Minor Arterial</u>

EXISTING DESIGN

TYPICAL SECTION: two-lane rural section with 7.3 m of asphaltic concrete pavement,
1.8 m grassed shoulder and ditches

POSTED SPEED:

Emery Highway to 60 m east of Emery Highway-60 km/h
60 m east of Emery Highway to Millerfield Road-65 km/h

MIN. EXISTING RADIUS OF CURVE

579 m

MAX. EXISTING GRADE

4%

EXISTING MAJOR STRUCTURES: Existing 2- lane bridge over Walnut Creek

FEATURES INTERSECTED: Existing 2-lane bridge over Walnut Creek

SUFFECIENCY RATING: 21.7

LENGTH: 55 m **WIDTH:** 7.4 m

PROJECT NEED & PURPOSE: See attached

PROPOSED PROJECT CONCEPT

PROPOSED TYPICAL SECTION: five-lane urban section with 18.6 m of asphaltic concrete pavement (four 3.6 m through lanes with a 4.2 m two-way center turn lane) and 0.75 m curb and gutter and 1.525 m contiguous 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: 215 m PROPOSED: 579 m
MAX. GRADE: ALLOWABLE: 8.5% PROPOSED: 4%

TYPE ACCESS: Controlled by permit

TRAFFIC CONTROL DURING CONSTRUCTION: Traffic to be maintained during construction

PROPOSED STRUCTURES:

1. Replace the existing bridge over Walnut Creek with a 77.5 m x 25 m bridge which will span the wetlands. Proposed bridge to be designed by GDOT.

DESIGN EXCEPTIONS TO BE REQUIRED:

CONTROLLING CRITERIA	UNDETERMINED YES NO		
HORIZONTAL ALIGNMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ROADWAY WIDTH	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SHOULDER WIDTH	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VERTICAL GRADES	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CROSS SLOPES	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
STOPPING SIGHT DISTANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SUPERELEVATION RATES	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HORIZONTAL CLEARANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SPEED DESIGN	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VERTICAL CLEARANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BRIDGE WIDTH	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BRIDGE STRUCTURAL CAPACITY	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

NUMBER OF PARCELS: 39

DISPLACEMENTS: 1 Commercial, 6 Residential anticipated

LEVEL OF ENVIRONMENTAL ANALYSIS: Categorical Exclusion

PUBLIC INVOLVEMENT: Public Meeting to be held

PERMITS REQUIRED (COE 404, WATER QUALITY, TVA): COE 404

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

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

OTHER PROJECTS IN THE AREA:

1. STP-3223(2), P.L # 342080-Millerfield Road/CS 83/Macon from Jeffersonville Road/CR 727 to 183m north of Bristol Drive
2. STP-3223(4), P.L # 351090-Jeffersonville Road from Millerfield Road to Fall Line Freeway
3. Macon-Bibb County Road Program Project 54B-Millerfield Road from 183m north of Bristol Drive to Shurling Drive
4. Macon-Bibb County Road Program Project 55-New Clinton Road from Millerfield Road to Jones County Line

CONCEPT TEAM MEETING DATE: February 6, 1997

PROBABLE LOCATIONS OF USTS: One possible site identified at existing drycleaners on the southwest corner of Indian Circle at Jeffersonville Road

PROBABLE LOCATIONS OF HAZARDOUS WASTE: None known

OTHER ALTERNATES CONSIDERED: No-build

COMMENTS: Existing bridge over Walnut Creek is to be replaced due to a sufficiency rating of 21.7 and insufficient length to span wetlands.

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

PRELIMINARY COST ESTIMATE
 PROJECT # STP-3223(4), P.I. # 351090
 MACON-BIBB COUNTY ROAD IMPROVEMENT PROGRAM PROJECT # 6
 Jeffersonville Rd (CR 727) Reconstruction
 from Emery Hwy (US 23, 80, 129 Alt, SR 19, 87) to Millerfield Rd (CS 83)

DATE: 12/20/96

PREPARED BY: Moreland Altobelli Associates Inc

PROJECT DESCRIPTION/CONCEPT: Widen Jeffersonville Rd (from Emery Hwy to 390 m west of Millerfield Rd) from 2 to 5 lanes urban section w/ sidewalks

TRAFFIC (AADT): Year 2001-12460, Design Year 2021-18500

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	3.6 ha @	\$20,000.00	\$72,000
		SUBTOTAL	\$72,000
D. EARTHWORK			
BORROW INCL HAUL	30000 m ³ @	\$3.00	\$90,000
UNCL EXCAVATION	5000 m ³ @	\$4.60	\$23,000
		SUBTOTAL	\$113,000

PRELIMINARY COST ESTIMATE
 PROJECT # STP-3223(4), P.I. # 351090
 MACON-BIBB COUNTY ROAD IMPROVEMENT PROGRAM PROJECT # 6
 Jeffersonville Rd (CR 727) Reconstruction
 from Emery Hwy (US 23, 80, 129 Alt, SR 19, 87) to Millerfield Rd (CS 83)

E. BASE & PAVING

GRADED AGR BASE	7850 Mg @	\$16.50	\$129,525
ASPH CONC 12.5 mm	1635 Mg @	\$35.50	\$58,043
ASPH CONC 19 mm	1310 Mg @	\$35.70	\$46,767
ASPH CONC 25 mm	2620 Mg @	\$34.40	\$90,128
LEVELING	500 Mg @	\$37.40	\$18,700
TACK COAT	10500 L @	\$0.25	\$2,625
		SUBTOTAL	\$345,788

F. DRAINAGE

DRAINAGE LUMP SUM	1.12 km @	\$242,000.00	\$271,040
		SUBTOTAL	\$271,040

G. CONCRETE WORK

APPROACH SLABS	450 m ² @	\$100.00	\$45,000
CURB & GUTTER, TP 7	m @		\$0
CURB & GUTTER, TP 2	2100 m @	\$30.00	\$63,000
VALLEY GUTTER	300 m ² @	\$37.40	\$11,220
SIDEWALK	2790 m ² @	\$22.00	\$61,380
MEDIAN PAVING	750 m ² @	\$25.30	\$18,975
DITCH PAVING	m ² @		\$0
		SUBTOTAL	\$199,575

H. TRAFFIC CONTROL

TRAF CONT LUMP SUM	1.12 km @	\$50,000.00	\$56,000
		SUBTOTAL	\$56,000

I. EROSION CONTROL

EROS CONT LUMP SUM	1.12 km @	\$30,000.00	\$33,600
		SUBTOTAL	\$33,600

/ PRELIMINARY COST ESTIMATE /
 PROJECT # STP-3223(4), P.I. # 351090
 MACON-BIBB COUNTY ROAD IMPROVEMENT PROGRAM PROJECT # 6
 Jeffersonville Rd (CR 727) Reconstruction
 from Emery Hwy (US 23, 80, 129 Alt, SR 19, 87) to Millerfield Rd (CS 83)

J. GUARDRAIL

W-BEAM RAIL	75 m @	\$38.00	\$2,850
T-BEAM RAIL	12.5 m @	\$133.00	\$1,663
TP 1 ANCHORS	1 ea @	\$444.00	\$444
TP 11 ANCHORS	1 ea @	\$1,335.00	\$1,335
		SUBTOTAL	\$6,292

K. SIGNING, STRIPING, SIGNALS,
LIGHTING

SIGNING & MARKING	1.12 km @	\$16,750.00	\$18,760
TRAFFIC SIGNALS	1 ea @	\$50,000.00	\$50,000
LIGHTING LUMP SUM	ea @		\$0
		SUBTOTAL	\$68,760

L. GRASSING/LANDSCAPING

GRASSING	1.12 km @	\$15,000.00	\$16,800
		SUBTOTAL	\$16,800

M. MISCELLANEOUS

FIELD ENG OFFICE	1 ea @	\$20,000.00	\$20,000
R/W MARKERS	30 ea @	\$56.00	\$1,680
		SUBTOTAL	\$21,680

N. MAJOR STRUCTURES

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

PRELIMINARY COST ESTIMATE
 PROJECT # STP-3223(4), P.I. # 351090
 MACON-BIBB COUNTY ROAD IMPROVEMENT PROGRAM PROJECT # 6
 Jeffersonville Rd (CR 727) Reconstruction
 from Emery Hwy (US 23, 80, 129 Alt, SR 19, 87) to Millerfield Rd (CS 83)

ESTIMATE SUMMARY

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

CONSTRUCTION COST SUMMARY

C. CLEARING & GRUBBING		\$72,000
D. EARTHWORK		\$113,000
E. BASE & PAVING		\$345,788
F. DRAINAGE		\$271,040
G. CONCRETE WORK		\$199,575
H. TRAFFIC CONTROL		\$56,000
I. TEMP. EROSION CONTROL		\$33,600
J. GUARDRAIL		\$6,292
K. SIGNING, STRIPING, SIGNALS, LIGHTING		\$68,760
L. GRASSING/LANDSCAPING		\$16,800
M. MISCELLANEOUS		\$21,680
SUBTOTAL OF ROADWAY ITEMS		\$1,204,534
N. MAJOR STRUCTURES		\$0
TOTAL CONSTRUCTION ESTIMATE		\$1,204,534
3 YEARS OF INFLATION AT 5%		\$189,865
10% E & C		\$139,440
TOTAL CONSTRUCTION ESTIMATE		\$1,533,839

Page 1
PRELIMINARY COST ESTIMATE
PROJECT # BRMLB-3223(6), P.I. # 351095
MACON-BIBB COUNTY ROAD IMPROVEMENT PROGRAM PROJECT # 6
Jeffersonville Rd (CR 727) Bridge Over Walnut Creek in NE Macon

DATE: 12/20/96

PREPARED BY: Moreland Altobelli Associates Inc

PROJECT DESCRIPTION/CONCEPT: Construct new 77.5 m x 25 m bridge over Walnut Creek & remove existing bridge

TRAFFIC (AADT): Year 2001-12460, Design Year 2021-18500

EXISTING ROADWAY: 2 lanes undivided rural section

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

PROJECT COSTS (METRIC UNITS)

A. MAJOR STRUCTURES

BRIDGE	1937.5 m ² @	\$485.00	\$939,688
REMOVE BRIDGE	407 m ² @	\$75.00	\$30,525
TOTAL CONSTRUCTION ESTIMATE			\$970,213
3	YEARS OF INFLATION AT	5%	\$152,930
10% E & C			\$112,314
TOTAL CONSTRUCTION ESTIMATE			\$1,235,456

NEED AND PURPOSE STATEMENT
PROJECT # STP-3223(4), BRMLB-3223(6), P.I. # 351090, 351095 BIBB COUNTY
JEFFERSONVILLE ROAD FROM EMERY HIGHWAY TO MILLERFIELD ROAD

The proposed project will widen Jeffersonville Road (CR 727) from its intersection with Emery Highway (US 23, 80, 129 Alt., SR 19, 87) to 390 m west of Millerfield Road (CS 83) (at the east end of the bridge over Walnut Creek). The improvements will include the installation of curb and gutter, sidewalks and drainage structures. The existing route is a rural two-lane facility with a 7.3 m pavement width and 1.8 m shoulders. Drainage ditches are located immediately adjacent to the shoulders. The proposed improvements consist of upgrading the existing roadway to a five-lane urban section, four through lanes with a two-way center turn lane. This project includes replacement of the bridge over Walnut Creek, which has a sufficiency rating of 21.7. The east endpoint of this project matches the west endpoint of project STP-3223(2), P.I. No. 342080 which widens Jeffersonville Road (CR 727) from Walnut Creek to Recreation Road and Millerfield Road (CS 83) from Jeffersonville Road to Bristol Road to a five lane urban section, four through lanes with a two-way center turn lane.

In 1995, Jeffersonville Road between Emery Highway and Millerfield Road carried a traffic volume of 11811 vehicles per day and is projected to carry 18500 vehicles per day in the design year. These traffic volumes result in congested conditions and low levels of service on a two-lane roadway and are sufficient to justify the proposed roadway improvements. The additional lane capacity is needed to accommodate future traffic growth along Jeffersonville Road and would, upon construction, greatly increase the level of service and safety of the roadway. In addition, the proposed sidewalks will improve safety for pedestrians in this urbanized residential area of Macon.

Jeffersonville Road provides an alternate route to the congested US 129/Gray Highway corridor and provides relief for the congested Gray Highway at Shurling Drive intersection by allowing traffic between Milledgeville and Macon to bypass Gray Highway and this congested intersection. Project implementation would result in an improved alternate route which would help alleviate the current congested conditions on Gray Highway caused by commuters from the bedroom communities surrounding the City of Macon, such as Jones County. This project is part of the multi-lane widening of Jeffersonville Road from Emery Highway to the Fall Line Freeway, which will provide an important tie to the Fall Line Freeway in east Macon.

This proposed project will tie into several other projects planned in this area of Macon. Projects STP-3223(2) and STP-3223(5), (P.I. No. 342080, 351080) will complete the multi-lane widening of Jeffersonville Road from Emery Highway to the Fall Line Freeway and will tie to the east end point of this project. In addition, Macon-Bibb County Road Program Projects 54B-Millerfield Road from New Clinton Road to Shurling Drive (SR 49) and 55-New Clinton Road from Millerfield Road to Jones County Line are located just northeast of this project and will further improve circulation and capacity in east Macon. These projects provide a crucial connection between the Fall Line Freeway, I-75 and south Macon. In addition, these projects will provide a viable and efficient alternate route into Macon from Jones County and Milledgeville as well as a truck route connection from State

Route 49 to the Fall Line Freeway.

Because of the existing traffic volume and future traffic projections, the no-build alternative would greatly increase the adverse conditions that already exist, resulting in a level of service that is unacceptable for a two-lane road. The proposed improvements to Jeffersonville Road are included in the adopted Macon Area Transportation Study and the current Transportation Improvement Program.

18-JUL-1996
 SERIAL NUMBER : 0182-0
 YEAR CONSTRUCTED : 1929
 YEAR RECONSTRUCTED : None
 DATE INSEPECTED : March 1996
 DESIGN LOAD : H-15
 NATIONAL TRUCK RTE: OFF NETWORK
 SCHOOL BUS ROUTE : YES

1: LOCATION AND GEOMETRIC DATA
 BRIDGE IN BIBB COUNTY
 FACILITY CARRIED
 JEFFERSONVILLE RD.
 LOCATION
 IN NE MACON
 FEATURES INTERSECTED
 WALNUT CREEK
 SERVICE ON : Highway
 TYPE SERVICE UNDER: Waterway.

STRUCTURE : Continuous Steel Stringer Multi-beam; Girder
 SURFACE : Bituminous.
 DECK : Concrete
 MAIN SUPPORT: Steel
 SUBSTRUCTURE: Concrete
 FOUNDATION : Spread footing.
 2: SIGNS AND ATTACHMENT DATA
 GUARDRAIL REAR : Both sides.
 GUARDRAIL FORWARD : Both sides.
 GUARDRAIL REAR OPP DIR: None.
 GUARDRAIL FOR. OPP DIR: None.

3: PROGRAMMING DATA
 CONTACT DATE : No Date
 RANKING NUMBER : 0 Priority rating
 TOTAL PROJECT COST: \$530,000 (1990 IMPROVEMENT COST ESTIMATE)
 LAST PROJECT # : G-6-108
 PROPOSED PROJECT #: No number entered.
 PROPOSED WORK : Widen; deck rehabilitation or replacement.
 RECONSTRUCT. STATUS: Not eligible for Federal Bridge Replacement Funds.

4: HYDRAULIC DATA
 SCOUR CRITICAL: Scour calculations not yet made
 5: MEASUREMENT DATA
 NUMBER OF LANES ON: 2 UNDER: 0
 STRUCTURE LENGTH : 178 FT BRIDGE ROADWAY WIDTH: 24.3 FT
 CLEARANCE (FT-IN) : OVER: 99-99 UNDER: 00-00 HORIZONTAL: 24.3 FT
 SIDEWALK OR CURB : 3.5 FT (LT) 3.5 FT (RT)
 BRIDGE RAILING : Meets acceptable construction date standards.
 APPROACH GUARDRAIL: Meets acceptable construction date standards.

6: RATING DATA
 INVENTORY : Indefinite safe use HS loading of 12 tons.
 OPERATING : 10 to 19.9% below legal load limit.
 SUFFICIENCY : 21.7
 STRUCTURE : Intolerable requiring high priority of replacement.
 DECK : GOOD, some minor problems.

MAIN SUPPORT: FAIR, sound primary elements, possible minor defects.
 SUBSTRUCTURE: SATISFACTORY, structural elements show minor deterioration.
 SCOUR : SLIGHT - structural member function not yet affected.
 CHANNEL PROT: Banks slump, widespread minor damage.

7: POSTING DATA
 STRUCTURE POSTED : Posted for load.
 TEMPORARY POSTING: No temporary conditions exist.
 ACTUAL POSTINGS : [H: 11 TONS] [TRI: NP TONS] [3S2: 19 TONS]

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

JEFFERSONVILLE ROAD (from Emery Hwy. to Millerfield Rd.)

Note: Locations are in order of occurrence from West to East

01-01-1993 Thru 12-31-1993

Street Name	Int Street /Block No	Total Accidents	Time		Accident Type				Fat.	Inj.
			Day	Night	Right Angle	Rear End	Left Turn	Other		
Jeffersonville Rd	Emery Hwy	17	10	7	3	9	0	5	0	7
Jeffersonville Rd	Indian Cir	2	2	0	0	2	0	0	0	0
Jeffersonville Rd	Sunnydale Dr	4	2	2	0	3	0	1	0	3
Jeffersonville Rd	1500	1	0	1	0	0	0	1	0	0
Jeffersonville Rd	Wallace Rd	1	1	0	0	1	0	0	0	0
Jeffersonville Rd	1700	4	1	3	0	2	0	2	0	0
Jeffersonville Rd	Artic Cir	1	1	0	0	0	0	1	0	4
Jeffersonville Rd	Royster Dr	3	3	0	0	2	0	1	0	2
Jeffersonville Rd	1800	2	1	1	1	1	0	0	0	1
Jeffersonville Rd	Millerfield Rd	8	5	3	0	7	0	1	0	3
Total		43	26	17	4	27	0	12	0	20

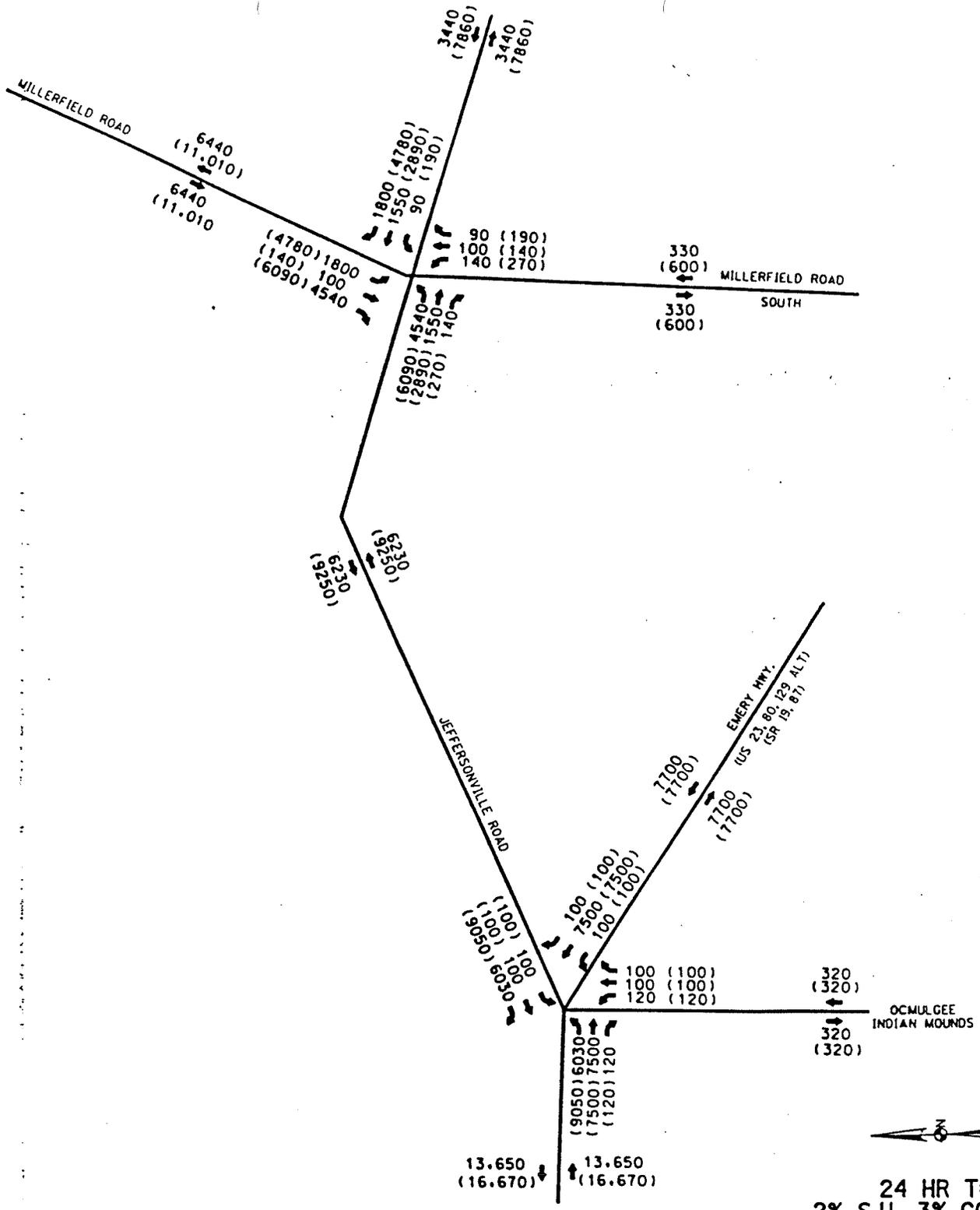
01-01-1994 Thru 12-31-1994

Street Name	Int Street /Block No	Total Accidents	Time		Accident Type				Fat.	Inj.
			Day	Night	Right Angle	Rear End	Left Turn	Other		
Jeffersonville Rd	Emery Hwy	14	9	5	0	13	0	1	0	6
Jeffersonville Rd	1300	2	2	0	0	1	0	1	0	5
Jeffersonville Rd	Indian Cir	2	2	0	0	1	0	1	0	3
Jeffersonville Rd	Sunnydale Dr	4	3	1	0	4	0	0	0	2
Jeffersonville Rd	Wallace Rd	2	1	1	0	2	0	0	0	1
Jeffersonville Rd	1600	2	1	1	0	1	0	1	0	2
Jeffersonville Rd	1700	3	3	0	1	0	0	2	0	0
Jeffersonville Rd	Artic Cir	1	1	0	0	1	0	0	0	0
Jeffersonville Rd	Royster Dr	1	1	0	0	1	0	0	0	1
Jeffersonville Rd	1800	3	2	1	0	0	1	2	0	1
Jeffersonville Rd	Millerfield Rd	17	17	0	0	15	0	2	0	5
Total		51	42	9	1	39	1	10	0	26

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		
Jeffersonville Rd	Emery Hwy	15	10	5	0	13	2	0	0	18
Jeffersonville Rd	Indian Cir	4	2	2	0	1	2	1	0	3
Jeffersonville Rd	1400	1	1	0	0	0	0	1	0	0
Jeffersonville Rd	Sunnydale Dr	4	3	1	0	4	0	0	0	0
Jeffersonville Rd	Wallace Rd	3	2	1	0	2	0	1	0	2
Jeffersonville Rd	1700	2	0	2	0	0	0	2	0	1
Jeffersonville Rd	1800	1	0	1	0	0	0	1	0	1
Jeffersonville Rd	Millerfield Rd	15	12	3	1	10	3	1	0	15
Total		45	30	15	1	30	7	7	0	40

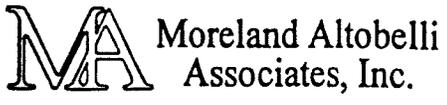
Note: No accident comparison has been done because it is not valid to summarize short stretches of roadway.



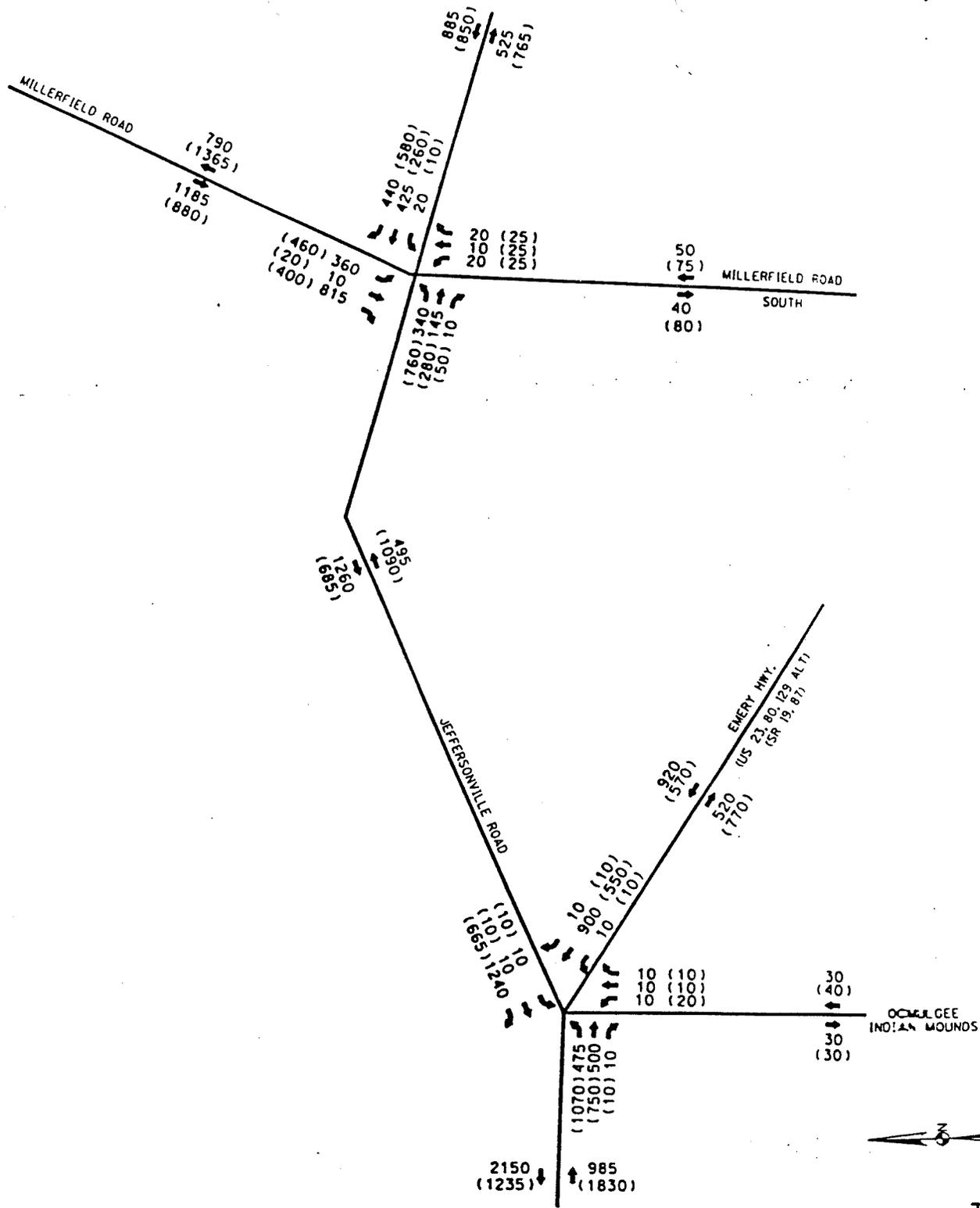
24 HR T=5%
2% S.U., 3% COMB.

OPENING AND DESIGN YEAR AADT

000 OPENING YEAR 2001 AADT
1000 DESIGN YEAR 2021 AADT



JEFFERSONVILLE RD. FROM EMERY HWY. TO MILLERFIELD RD.
INCLUDING BRIDGE OVER WALNUT CREEK
PROJECT NO. STP 3223(4), P.I. NO. 351090
PROJECT NO. BRMLB 3223(6), P.I. NO. 351095
MACON-BIBB CO. ROAD PROGRAM PROJECT NO. 6



YEAR 2021 DESIGN HOUR TRAFFIC

000 AM PEAK DESIGN HOUR
 (000) PM PEAK DESIGN HOUR

MA Moreland Altobelli Associates, Inc.

JEFFERSONVILLE RD. FROM EMERY HWY. TO MILLERFIELD RD.
 INCLUDING BRIDGE OVER WALNUT CREEK
 PROJECT NO. STP 3223(4), P.I. NO. 351090
 PROJECT NO. BRMLB 3223(6), P.I. NO. 351095
 MACON-BIBB CO. ROAD PROGRAM PROJECT NO. 6

T=4%

Streets: (E-W) EMERY HWY (N-S) JEFFERSONVILLE RD
 Analyst: MAAI File Name: EMJEF21A.HC9
 Area Type: Other 2-21-97 AM PEAK
 Comment: DESIGN YEAR 2021 TRAFFIC-WITH SIGNALIZED RIGHTS ON JEFF'VILLE RD

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	2	2	<	1	2	<	>	1	<	>	1	2
Volumes	475	500	10	10	900	10	10	10	10	10	10	1240
Lane Width	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	30.0A	35.0A			Green	20.0A		
Yellow/AR	5.0	5.0			Yellow/AR	5.0		

Cycle Length: 100 secs Phase combination order: #1 #2 #5

Intersection Performance Summary

	Lane	Group:	Adj Sat			Delay	LOS	Approach:	
			Flow	v/c	g/C			Delay	LOS
	Mvmts	Cap		Ratio	Ratio				
EB	L	1608	3471	0.320	0.670	5.3	B	4.1	A
	TR	2623	3643	0.215	0.720	3.0	A		
WB	L	200	540	0.055	0.370	13.1	B	19.2	C
	TR	1350	3648	0.745	0.370	19.3	C		
NB	LTR	334	1518	0.099	0.220	20.1	C	20.1	C
SB	LT	379	1723	0.058	0.220	19.9	C	14.0	B
	R	1770	3106	0.833	0.570	13.9	B		

Intersection Delay = 12.6 sec/veh Intersection LOS = B
 Lost Time/Cycle, L = 6.0 sec Critical v/c(x) = 0.799

Streets: (E-W) EMERY HWY (N-S) JEFFERSONVILLE RD
 Analyst: MAAI File Name: EMJEF21P.HC9
 Area Type: Other 2-21-97 PM PEAK
 Comment: DESIGN YEAR 2021 TRAFFIC-WITH SIGNALIZED RIGHTS ON JEFF'VILLE RD

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	2	2	<	1	2	<	>	1	<	>	1	2
Volumes	1070	750	10	10	550	10	20	10	10	10	10	665
Lane Width	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	50.0A	30.0A			Green	20.0A		
Yellow/AR	5.0	5.0			Yellow/AR	5.0		

Cycle Length: 115 secs Phase combination order: #1 #2 #5

Intersection Performance Summary

	Lane Group:	Mvmts	Adj Sat	v/c	g/C	Delay	LOS	Approach:	
								Flow	Ratio
EB	L	1865	3471	0.622	0.930	6.8	B	5.2	B
	TR	2758	3646	0.305	0.757	2.9	A		
WB	L	80	287	0.138	0.278	20.2	C	24.0	C
	TR	1014	3644	0.610	0.278	24.1	C		
NB	LTR	286	1497	0.150	0.191	25.0	C	25.0	C
SB	LT	324	1696	0.068	0.191	24.6	C	6.0	B
	R	2080	3106	0.380	0.670	5.5	B		

Intersection Delay = 9.0 sec/veh Intersection LOS = B
 Lost Time/Cycle, L = 9.0 sec Critical v/c(x) = 0.578

Streets: (E-W) JEFFERSONVILLE ROAD (N-S) MILLERFIELD ROAD
 Analyst: MAAI File Name: JEFMF21A.HC9
 Area Type: Other 10-23-96 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	2	<	1	1	1	1	1	<	1	>	1
Volumes	340	145	10	20	425	440	20	10	20	360	10	815
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	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	25.0A	40.0A			25.0A	10.0A		
Yellow/AR	5.0	5.0			5.0	5.0		
Cycle Length: 120 secs Phase combination order: #1 #2 #5 #6								

Intersection Performance Summary

Lane Group:	Adj Sat	v/c	g/C	Delay	LOS	Approach:
Mvmts Cap	Flow	Ratio	Ratio			Delay LOS
EB L	781	3471	0.472	0.225	26.4	D 20.1 C
TR	2169	3615	0.079	0.600	6.5	B
WB L	397	1135	0.053	0.350	16.7	C 16.5 C
T	639	1827	0.699	0.350	24.0	C
R	932	1553	0.497	0.600	9.2	B
NB L	174	1736	0.121	0.100	31.8	D 32.0 D
TR	165	1646	0.194	0.100	32.1	D
SB L	391	1736	0.494	0.225	27.0	D 10.4 B
I/T	393	1745	0.502	0.225	27.1	D
R	1320	1553	0.650	0.850	2.8	A

Intersection Delay = 14.7 sec/veh Intersection LOS = B
 Lost Time/Cycle, L = 6.0 sec Critical v/c(x) = 0.602

Streets: (E-W) JEFFERSONVILLE ROAD (N-S) MILLERFIELD ROAD
 Analyst: MAAI File Name: JEFMF21P.HC9
 Area Type: Other 10-23-96 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	2	<	1	1	1	1	1	<	1	>	1
Volumes	760	280	50	10	260	580	25	25	25	460	20	400
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	3.00

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	*							
EB Thru		*						
EB Right		*						
EB Peds		*						
WB Left			*					
WB Thru			*					
WB Right			*					
WB Peds			*					
NB Right								
SB Right	*	*						
Green	35.0A	30.0A			25.0A	10.0A		
Yellow/AR	5.0	5.0			5.0	5.0		
Cycle Length: 120 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	1070	3471	0.770	0.308	26.8	D	20.7	C
	TR	2142	3570	0.170	0.600	6.9	B		
WB	L	214	802	0.051	0.267	21.1	C	20.3	C
	T	487	1827	0.562	0.267	25.7	D		
	R	802	1553	0.761	0.517	17.9	C		
NB	L	174	1736	0.150	0.100	31.9	D	32.5	D
	TR	169	1690	0.308	0.100	32.7	D		
SB	L	383	1701	0.658	0.225	30.2	D	17.0	C
	LT	385	1712	0.657	0.225	30.1	D		
	R	1294	1522	0.325	0.850	1.3	A		

Intersection Delay = 19.8 sec/veh Intersection LOS = C
 Lost Time/Cycle, L = 9.0 sec Critical v/c(x) = 0.715

Minutes of Concept Meeting
STP 3223(4) Bibb County, PI 351090
Jeffersonville Road from Emery Highway to Walnut Creek
BRMLB 3223(6), Bibb County, PI 351095
Bridge over Walnut Creek
February 6, 1997

The concept meeting for projects STP 3223(4) & BRMLB 3223(6), Bibb County, convened at 9:00 a.m. in the Urban Design Conference Room, General Office.

Mr. Joe Palladi, State Urban Design Engineer, opened the meeting and had everyone introduce themselves.

Bill Hartmann, MAAI-Chamblee, presented the general concept and then asked for questions.

Mr. Palladi questioned the lane configuration at the Emery Highway intersection with Jeffersonville Road. He was concerned about left turns onto Trinity Place from Jeffersonville Road. It was pointed out that the raised median would prohibit this movement.

Project coordination/constructability was discussed at length. It was recommended to design and construct these two projects with STP 3223(2).

Ms. Reba Scott, stated that these projects had been moved to FY 2001.

The question of who will design the bridge over Walnut Creek was discussed. It was recommended to check the agreement between GDOT and Bibb County. [LGPA signed February 9, 1997 states GDOT will design the bridge project, BRMLB 3223(6)].

Macon Water Authority stated they had existing water mains on the bridge. They desire to place new mains across the proposed bridge. They also have sewer lines along Walnut Creek Bell South also wants to attach their facilities to the new bridge.

The GDOT Environmental representative expressed concern about the existing bridge being historic requiring a programmatic 4f. He also wants the wetlands delineated when the survey is underway.

Mr. Joe Street, District Engineer, Thomaston, expressed concern about a pending lawsuit involving a pedestrian being struck near the Emery Highway/Jeffersonville Road intersection. He requested that a pedestrian crossing be studied during the design phase.

Mr. Greg Schneider, MAAI Environmental Section, requested that the vacant lot near the beginning of the project and owned by the Government be known as "Federal Property." Should any archeological work be required on the Federal Property, permission must be granted from the Federal Government. However, no impact to this property is anticipated.

Mr. Tony Slack, GDOT - Environment/Location, stated that if there is very much historical

**Minutes of Concept Meeting
STP 3223(4) Bibb County, PI 351090
Jeffersonville Road from Emery Highway to Walnut Creek
(continued)**

involvement, an Environmental Assessment may be required.

Mr. Palladi stated that since some realignment will be required, plots of the mapping should be sent to the Utility Companies as soon as possible. (cc: Urban Design)

Mr. Palladi also suggested that early coordination with the Corps of Engineers and other resource agencies will help avoid delays to the project.

MEETING/CONFERENCE RECORD OF ATTENDEES

PURPOSE: CONCEPT MEETING FOR STP-3223(2), STP-3223(A), BRMLB-3223(B), STP-3223(5) BIBB CO.

LOCATION: URBAN DESIGN CONFERENCE ROOM

DATE: FEBRUARY 6, 1997 HOUR: 9:00 A.M.

MODERATOR: _____

NAME

ORGANIZATION

TELEPHONE NO.

(DROPPED OFF PLAN BEFORE MEETING)

1. LARRY A. THOMAS GA. POWER 404 526-3652
2. JAN R. CHANDLER GDOT URBAN DESIGN 404 656-5445
3. Heba P. Scott GDOT PROGRAMMING 404 751-7043
4. Joe Wheeler GDOT - Urban Design 404-656-5445
5. Van Etzneridge MAAT - Macon Office 912-755-0000
6. Bill Hartmann MAAT - Chamblee Office 770-931-5799
7. Rick Saunders MAAT - Macon 912-755-0000
8. KENNETH H. SHEETS CITY OF MACON 912-751-7180
9. Charles H. McElhenny MAAT - Macon Office 912-755-0000
10. DANNY MENNUS Bell South 912-784-3355
11. Joe Holy Sie H Gibb County 912-755-0000
12. JIM CHAMBERS GDOT-URBAN DESIGN 404-657-9872
13. Vernon Ryle Macon MPO 912-751-7460
14. Tony Sack GDOT-Env/Loc 404-699-4422
15. Michael Beatt GDOT - Env 706-647-1057
16. Joe Leoni GDOT - Thomaston 706-647-1077
17. Dana Watts GDOT Programming 404-651-7042
18. LEWIS WALKER GDOT - Thomaston 706-647-1027
19. Ken Estes GDOT - Traffic Operations 404-635-8127
20. KEN REEVES GDOT TRAFFIC OPR. 706-647-1087

REMARKS: _____

MEETING/CONFERENCE RECORD OF ATTENDEES

PURPOSE: CONCEPT MEETING FOR STP-3223(2), STP-3223(4), BRMLB-3223(6), STP-3223(5)
BIBB COUNTY

LOCATION: URBAN DESIGN CONFERENCE ROOM

DATE: FEBRUARY 6, 1997 HOUR: 9:00 A.M.

MODERATOR: _____

<u>NAME</u>	<u>ORGANIZATION</u>	<u>TELEPHONE NO.</u>
-------------	---------------------	----------------------

- | | | | |
|-----|----------------|---------------------------------|--------------|
| 21. | Joe B. Street | ThomasDOT | 706-647-1000 |
| 22. | Greg Schneider | MAAI | 770-455-9375 |
| 3. | Hynes Currie | MAAI | 770-455-9375 |
| 4. | GORDON BROWN | MAAI | 912-755-0000 |
| 5. | Van Etheridge | MAAI | " " " |
| 6. | David Mulling | GDOT-Engineering Services (404) | 651-7470 |
| 7. | CORA COOK | GDOT-Planning | 404 657 6687 |
| 8. | CHAS FOREMAN | MACON WATER MUTH | 912-741-9105 |
| 9. | P. NAGABUSHAN | " | " |
| 10. | JOE APPLING | " | " |
| 11. | _____ | _____ | _____ |
| 12. | _____ | _____ | _____ |
| 13. | _____ | _____ | _____ |
| 14. | _____ | _____ | _____ |
| 15. | _____ | _____ | _____ |
| 16. | _____ | _____ | _____ |
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| 18. | _____ | _____ | _____ |
| 19. | _____ | _____ | _____ |
| 20. | _____ | _____ | _____ |

REMARKS: _____

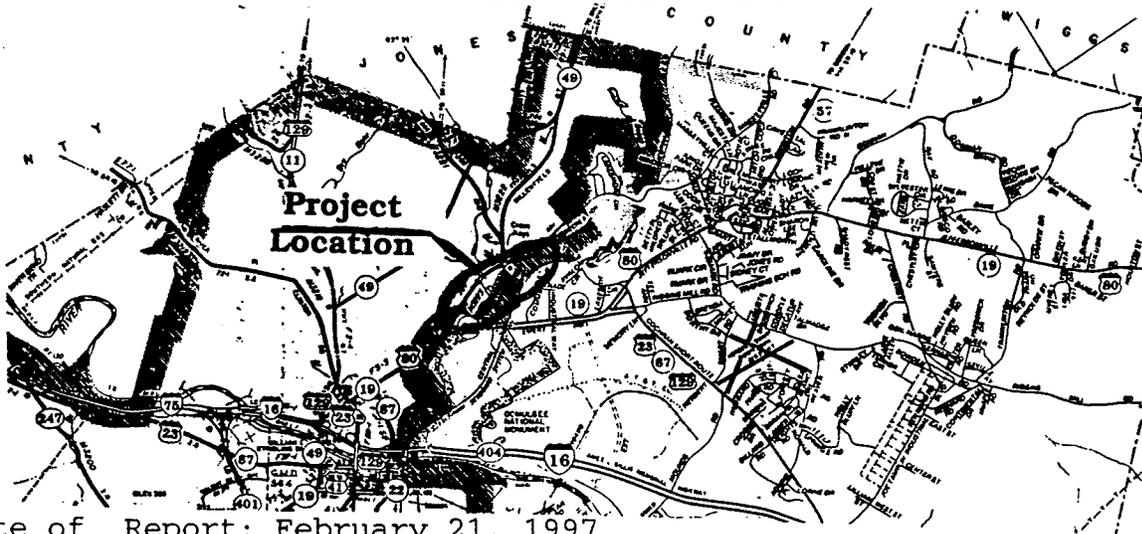
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

Project Numbers STP-3223(4) and BRMLB-3223(6)

Bibb County

Federal Route No.: None
State Route No.: None
GaDOT P.I. No.: 351090 & 351095



Date of Report: February 21, 1997

RECOMMENDATION FOR APPROVAL

June 20, 1997
Date

Joseph M. Bell
State Urban Design Engineer

Date

State Environmental/Location Engineer

Date

State Traffic Operations Engineer

7-1-97
Date

Jim B. [Signature]
District Engineer

Date

Project Review Engineer

Date

State Bridge & Structural Design Engineer

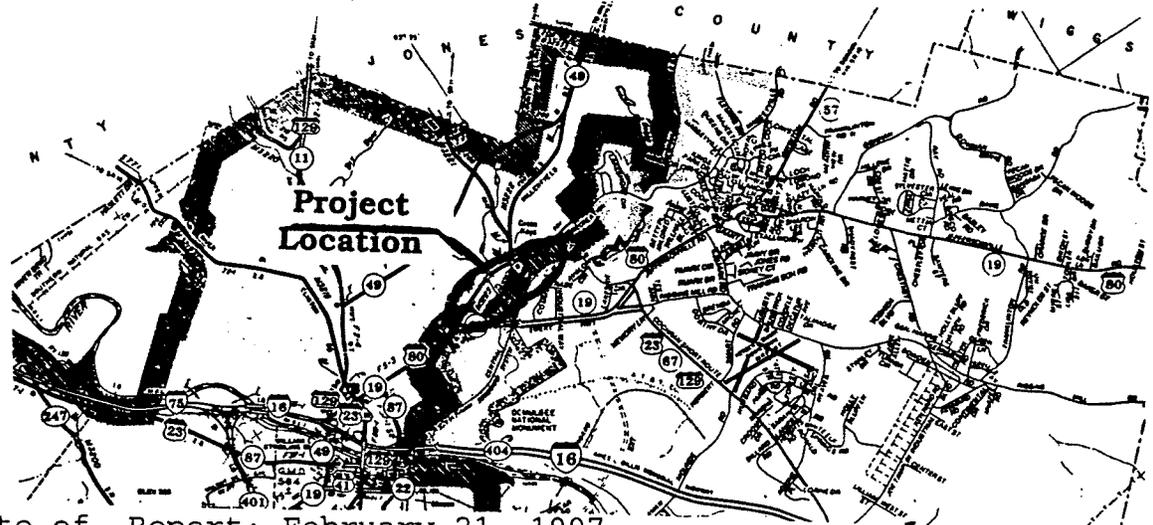
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

Project Numbers STP-3223(4) and BRMLB-3223(6)

Bibb County

Federal Route No.: None
State Route No.: None
GaDOT P.I. No.: 351090 & 351095



Date of Report: February 21, 1997

RECOMMENDATION FOR APPROVAL

June 20, 1997
Date

Joseph M. Bellad
State Urban Design Engineer

Date

State Environmental/Location Engineer

Date

State Traffic Operations Engineer

Date

District Engineer

Date

Project Review Engineer

July 26, 1997
Date

Paul V. Tullis Jr.
State Bridge & Structural Design Engineer

Department of Transportation
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE

File: STP-3223(4) and BRMLB-3223(6)/Bibb County
P.I. No.: 351090 and 351095

Office: Traffic Operations
Atlanta, Georgia

Date: June 24, 1997

From: *MGW PMA*
M.G. Waters, III, P.E., State Traffic Operations Engineer
To: Wayne Hutto, Assistant Director of Preconstruction

RECEIVED
JUL 10 1997
PRECONSTRUCTION

Subject: Project Concept Report Review

We have reviewed the concept report on the above project for the widening of Jeffersonville Road(CR 727) from U.S. 80/S.R. 19/Emery Highway to west of Millerfield Road. This project will widen Jeffersonville Rd. from a two lane rural typical section designed roadway, to a five lane urban typical designed roadway with 1.5 m sidewalks. It will also replace a substandard bridge over Walnut Creek which has a sufficiency rating of 21.7.

Currently this section of roadway has a traffic volume of 11,800 vehicles per day(vpd) and is projected to carry 18500 vpd in the design year. These traffic volumes result in congested conditions and low levels of service, and are sufficient to justify proposed improvements.

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., Attn.: Joe Wheeler
Bob Mustin, w/ attachment
General Files

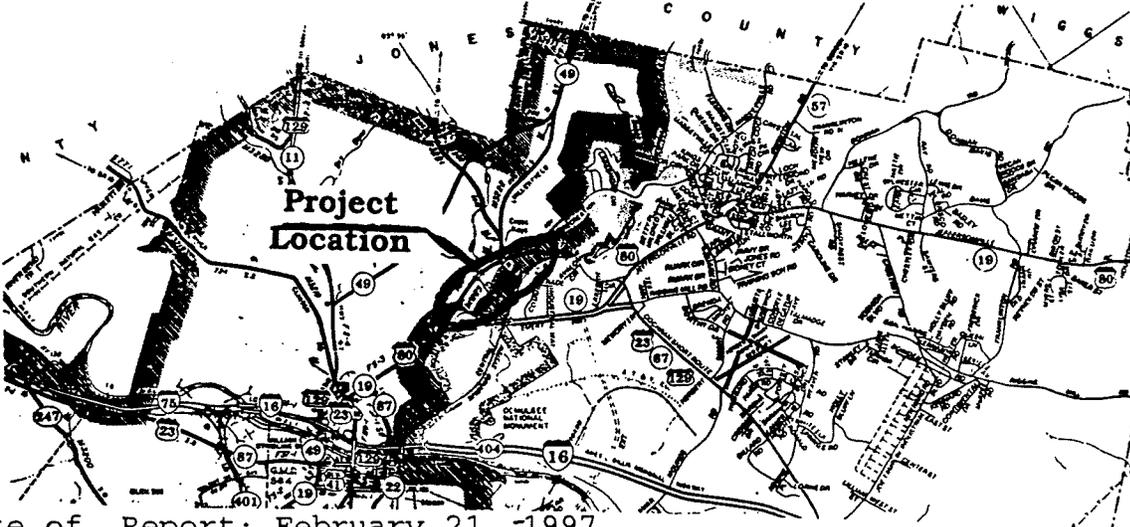
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

Project Numbers STP-3223(4) and BRMLB-3223(6)

Bibb County

Federal Route No.: None
State Route No.: None
GaDOT P.I. No.: 351090 & 351095



Date of Report: February 21, 1997

RECOMMENDATION FOR APPROVAL

June 20, 1997
Date

Joseph M. Belladi
State Urban Design Engineer

Date

State Environmental/Location Engineer

6-30-97
Date

M. S. Waters III CMA
State Traffic Operations Engineer

Date

District Engineer

Date

Project Review Engineer

Date

State Bridge & Structural Design Engineer