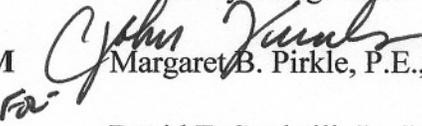


**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. 0000261, Fulton County **OFFICE** Preconstruction
 HPP-0000-00(261)
 Webb Bridge Road at Park Bridge-
 Shirley Bridge Road **DATE** July 14, 2005

FROM  Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

TO *For* David E. Studstill, Jr., P.E., Chief Engineer

SUBJECT PROJECT CONCEPT REPORT

This project is the intersection improvement at Webb Bridge Road at Park Bridge-Shirley Bridge Road in Fulton County. The Webb Bridge Road and Park Bridge-Shirley Bridge Road intersection is presently a four-way stop condition. Webb Bridge Road consists of one, 12' lane in each direction with an additional left turn lane in each direction. Park Bridge-Shirley Bridge Road consists of one, 12' lane in each direction with an additional 12' left turn lane northbound on Park Bridge Road. The area's exponential residential growth, limited number and insufficient lengths of turn lanes, lack of a traffic signal, and substandard geometric design have contributed to the congestion and an increase in accidents and/or injuries at this intersection. Traffic volumes have increased to near capacity along both Webb Bridge Road and Park Bridge-Shirley Bridge Road. This project will improve the intersection's level of service (LOS) from its current LOS of "F" to an acceptable LOS "C" in the design year of 2027.

The construction consists of adding a traffic signal to the intersection and widening the eastbound approach to provide a 200' left turn lane, one through lane and a 200' right turn lane. The southbound approach will be widened to provide a 200' left turn lane, one through lane and a 200' right turn lane. The westbound approach of Webb Bridge Road will be widened to provide a 200' left turn lane and a combined through and right turn lane. The northbound approach of Park Bridge Road will remain as it currently exists with a left turn and a combined through and right turn lane. The project will also add curb and gutter and sidewalks to all legs of the intersection within the project limits. Traffic will be maintained on the existing facility with staged construction.

Environmental concerns include requiring a Categorical Exclusion be prepared; a public hearing open house will be held; time saving procedures are appropriate.

David Studstill

Page 2

P.I. No. 0000261, Fulton

July 14, 2005

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>FUNDING</u>	<u>PROG DATE</u>
Construction (includes E&C and inflation)	\$501,000	\$1,200,000	Q92	2007
Right-of-Way	\$440,000	\$ 295,000	Q92	2006
Utilities*	\$ 30,000	-----		

*City of Alpharetta signed PMA on 3-28-05 for PE, right-of-way, and construction to be done by future agreements.

I recommend this project concept be approved.

MBP:JDQ/cj

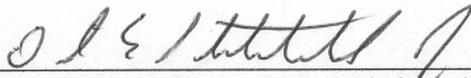
Attachment

CONCUR



Buddy Gratton, P.E., Director of Preconstruction

APPROVE



David E. Studstill, Jr., P.E., Chief Engineer

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE

FILE: HPP000-00(261), Fulton County
Intersection Improvement @
Webb Bridge Road & Park Ridge/
Shirley Bridge Road
PI No. 0000261

OFFICE: District Seven
Chamblee

DATE: June 30, 2005

Mil
for
FROM: Bryant Poole, Metro District Engineer

TO: Meg Pirkle, Assistant Director of Preconstruction

SUBJECT: Project Concept Report

Attached is the original concept report of the referenced project for your review and further handling in accordance with the Plan Development Process.

Should you have any questions or comments, please contact Jon Griffith, P.E., or Chris Wood at 404-463-4947.

Attachment

BP:WSL:jdg

cc: Joe Palladi, Office of Planning
Harvey Keeper, Office of Environment and Location
Keith Golden, Office of Traffic Safety and Design
Brian Summers, Office of Engineering Services
Jamie Simpson, Office of Financial Management
File

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

Project Number: HPP-000-00(261)

County: Fulton

P.I. Number: 0000261

Federal Route Number: N/A

State Route Number: N/A

County Road Number: 70

Intersection Improvements at Webb Bridge Road and Park Bridge and Shirley Bridge Roads

Recommendation for approval:

DATE 6/30/05

Mike J. Allen
Project Manager

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Plan (RTP) and/or the State Transportation Improvement Program (STIP).

DATE 6/30/05

Ray H. ...
District Engineer

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Financial Management Administrator

DATE _____

State Environmental / Location Engineer

DATE _____

State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

Need and Purpose:

The purpose of a HPP (High Priority Project) project is to permit States to construct a high priority project under section 117(e) of the Transportation Equity Act for the 21st Century (TEA-21) without the aid of Federal funds, and then be reimbursed as the Federal funds become available in accordance with the distribution schedule in section 1601(a) of the Act.

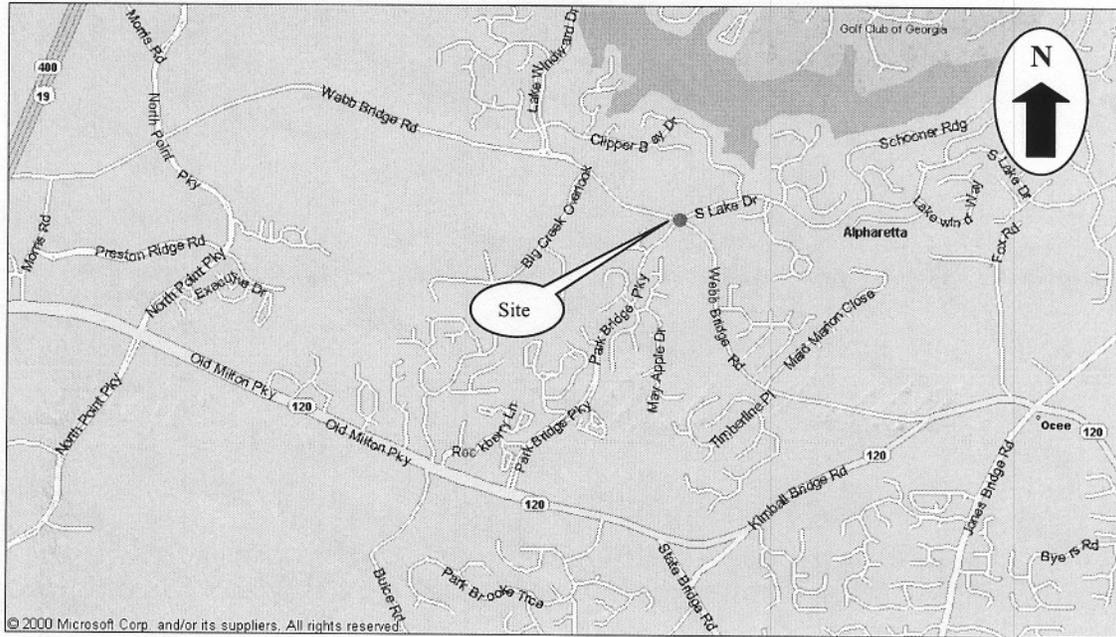
The Fulton County Public Works Department has identified the intersection of Webb Bridge Road @ Park Bridge Road/Shirley Bridge Road as a high priority project to mitigate congestion by improving capacity and traffic flow at this intersection and to enhance safety through operational improvements at this intersection. The project objective is to improve the intersection's level of service (LOS) from its current LOS of F to an acceptable LOS in the design year of 2027.

Webb Bridge Road has an average traffic volume of approximately 10,800 vehicles per day while Park Bridge / Shirley Bridge Roads carry approximately 5,400 vehicles per day. Traffic volumes have increased to near capacity along both Webb Bridge Road and Park Bridge Road/Shirley Bridge Road. Existing 2004 traffic volumes and future 2027 traffic volumes for the proposed intersection improvement at Webb Bridge Road @ Park Bridge Road/Shirley Bridge Road are shown in Table 1. A growth rate of 2.5% was used on Webb Bridge Road and a growth rate of 1.5% was used for Park Bridge/Shirley Bridge Road.

TABLE 1 Existing and Future Traffic Volumes for Webb Bridge Road @ Park Bridge Road/Shirley Bridge Road							
Webb Bridge Road				Park Bridge Road/Shirley Bridge Road			
Existing (2004)		Future (2027)		Existing (2004)		Future (2027)	
EB	WB	EB	WB	NB	SB	NB	SB
6275	4579	11044	8059	2780	2693	3920	3797

The area's exponential residential growth, limited number and insufficient lengths of turn lanes, lack of a traffic signal, and substandard geometric design have contributed to the congestion and an increase in accidents and/or injuries at the project intersection. A three-year history of accidents at this intersection is shown in the table below. Police records show that there have been four accidents since 2001. Table 2 provides the number of total accidents at this intersection, per type and per year between 2001 and 2003.

Project Concept Report page 2
Project Number: HPP-000-00(261)
P.I. Number: 0000261
County: Fulton



HPP-000-00(261) Fulton County, GA PI# 0000261
Webb Bridge Road at Park Bridge/Shirley Bridge Road
Intersection Improvements

TABLE 2
Accident History for Webb Bridge Road @
Park Bridge Road/Shirley Bridge Road

Year	Type of Accident			Total
	Angle	Rear End	Other	
2001	1	0	0	0
2002	1	0	0	1
2003	1	1	0	1
Total	3	1	0	4

The MUTCD defines eight warrants, one or more of which must be met before an intersection is considered for signalization. The MUTCD warrants are:

- Warrant 1, Eight Hour Vehicular Volume
- Warrant 2, Four Hour Vehicular Volume
- Warrant 3, Peak Hour
- Warrant 4, Pedestrian Volume
- Warrant 5, School Crossing
- Warrant 6, Coordinated Signal System
- Warrant 7, Crash Experience
- Warrant 8, Roadway Network

After analysis of each of the warrant requirements, Warrants 1, 2, 3 and 7 were determined to be applicable for this intersection.

2 Description of Project:

The Webb Bridge Road and Park Bridge Road/Shirley Bridge Road intersection is presently a four-way stop condition. Webb Bridge Road consists of one 12-foot lane in each direction with an additional left turn lane in each direction. Park Bridge Road/Shirley Bridge Road consists of one 12-foot lane in each direction with an additional 12-foot left turn lane northbound on Park Bridge Road. Curb and gutter and sidewalk exist along the south side of Webb Bridge Road from the intersection to the entrance of Creek View Elementary School on the west and to Park Glenn Drive on the east. Curb and gutter exists on both sides of Park Bridge Road from the intersection south to Sundew Drive. A green space park is located in the southeast quadrant with a multi-use path extending south to Sundew Drive on the east side of Park Bridge Road.

This project consists of adding a traffic signal to the intersection and widening the eastbound approach to provide a 200' left turn lane, one through lane and a 200' right turn lane. The southbound approach will be widened to provide a 200' left turn lane, one through lane and a 200' right turn lane. The westbound approach of Webb Bridge Road will be widened to provide a 200' left turn lane and a combined through and right turn lane. The northbound approach of Park Bridge Road will remain as it currently exists with a left turn lane and a combined through and right turn lane. All lane widths will be 12'. The project will also add curb and gutter and sidewalks to all legs of the intersection within the project limits. With these improvements, the intersection's LOS improves to a C in the design year, 2027, which is an improvement from the current LOS of F.

Traffic will be maintained on the existing facility with staged construction.

Because the project scope calls for intersection improvements, the termini are logical. However, the future widening of Webb Bridge Road may need to be considered because of high traffic volumes.

Project Length: 0.20 miles along Webb Bridge Road

Is the project located in a Non-attainment area? Yes No

The project is included in the Mobility 2030 Regional Transportation Plan List by ARC as project number FN-192A and is modeled as roadway operational upgrades. As such, there are no limits imposed on the project. It is scheduled to begin construction in 2007.

PDP Classification: Major Minor

Federal Oversight: Full Oversight (), Exempt (), State Funded (), or Other ()

Functional Classification: Minor arterial (Webb Bridge)
Collector street (Park Bridge/Shirley Bridge at the intersection)

US Route Number(s): N/A **State Route Number(s):** N/A

Existing design features:

- Existing typical section travel lanes: Webb Bridge Road consists of one 12-foot lane in each direction with an additional left turn lane in each direction. Park Bridge Road/Shirley Bridge Road consists of one 12-foot lane in each direction with an additional 12-foot left turn lane northbound on Park Bridge Road.
- Existing typical section shoulders: Curb and gutter and sidewalk exist along the south side of Webb Bridge Road from the intersection to the entrance of Creek View Elementary School to the west and to Park Glenn Drive to the east. Curb and gutter exists on both sides of Park Bridge Road from the intersection south to Sundew Drive. A multi-use path exists on the east side of Park Bridge Road from the intersection south to Sundew Drive.
- Posted Speed: 40 mph (Webb Bridge Road) 30 mph (Park Bridge/Shirley Bridge Road)

- Maximum Grade: 5 % on Webb Bridge Road
10 % on Park Bridge Road
15 % on Shirley Bridge Road
- Width of Right of Way: Varies from 50 to 80 ft
- Major Structures: N/A
- Major Interchanges or intersections along the project: N/A
- Existing length of roadway segment: 0.20 miles along Webb Bridge Road
0.10 miles along Shirley Bridge Road
200 feet along Park Bridge Road

Proposed design features:

- The intersection will be signalized.
- Proposed typical section: The following improvements are proposed for the various approach legs to accommodate 2027 traffic volumes:
 - Eastbound approach on Webb Bridge Road will need to be widened to accommodate one through lane, one right turn lane and one left turn lane.
 - Westbound approach on Webb Bridge Road will be widened to provide a left turn lane and a combined through and right turn lane.
 - Northbound approach on Park Bridge will remain as it currently exists with a left turn lane and a combined through and right turn lane.
 - Southbound approach on Shirley Bridge Road will need to be widened to accommodate one through lane, one right turn lane and one left turn lane.
- All lanes will be 12 feet wide.
- Curb and gutter and sidewalk will be located along each leg within the project limits excluding Park Bridge Road where all work will be done within the existing pavement limits.
- Proposed Design Speed Mainline: 45 mph
- Proposed Maximum grade Mainline: 5 % Maximum grade allowable: 10 %
- Proposed Maximum grade Side Street: 8 % Maximum grade allowable: 10 %
- Proposed Maximum grade driveway: 12 %
- Proposed Minimum Radius: 925 ft (Webb Bridge) Minimum radius allowable: 565 ft
1910 ft (Park Bridge) Minimum radius allowable: 300 ft
450 ft (Webb Bridge) Minimum radius allowable: 300 ft

● Right of Way:

- Width 100 ft max
- Easements: Temporary (X), Permanent (), Utility (), Other ().
- Number of parcels: 6 Number of displacements:
 - Business: 0
 - Residences: 0
 - Mobile homes: 0
 - Other: 0

● Structures:

- Bridges: N/A
- Retaining Walls: N/A

● Major Interchanges or intersections along the project: N/A

● Traffic control during construction: Traffic will be maintained on the existing roadway with staged construction. However, an offsite detour may be required on Shirley Bridge Road while the roadway profile is lowered to meet the design speed.

● Design exceptions to controlling criteria anticipated:

	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)

● Design Variances: None

● Environmental Concerns: None anticipated. A park and multi-use path are located in the southeast quadrant but the roadway will not be widened in this area so there should not be any environmental concerns regarding 4F.

● Level of Environmental Analysis: CE

- Are Time Saving Procedures Appropriate? Yes (X) No ()
- Categorical Exclusion (X),
- Environmental Assessment / Finding of No Significant Impact ()
- Environmental Impact Statement ()

Project Concept Report page 8
Project Number: HPP-000-00(261)
P.I. Number: 0000261
County: Fulton

● **Utility involvements:**

Water: Fulton County Public Works
Telephone:
Power: Georgia Power
Gas: AGL Resources
Cable TV:

Project responsibilities:

- Design: J.B. Trimble, Inc.
- Right-of-Way Acquisition: Fulton County
- Relocation of Utilities: Fulton County via LGPA
- Letting of Contract: Georgia Department of Transportation
- Supervision of Construction: Georgia Department of Transportation
- Providing material pits: Contractor
- Providing detours: Contractor (if required)

Coordination:

- Concept Team Meeting date: February 10, 2005
- PAR meetings, dates and results: None
- FEMA, USCG, and/or TVA: None required.
- Public Involvement: A Public Information Open House will be held following the concept team meeting.
- Local government comments: LGPA will be signed by the City of Alpharetta.
- Other projects in area: None.
- Other coordination to date: The City of Alpharetta will be kept informed of project status.
- Railroads: N/A

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process: 12 Months.
- Time to complete the Section 404 Permit: 0 Months.
- Time to complete preliminary construction plans: 4 Months.
- Time to complete right of way plans: 3 Months.
- Time to complete final construction plans: 3 Months.
- Time to purchase right-of-way: 12 Months.
- List other major items that will affect the project schedule: None

Other Alternates Considered:

Alternate 1 – No-Build. The No-Build option will not address the congestion and intersection efficiency issues of excessive waiting times.

Alternate 2 – Add a traffic Signal. This option will improve the LOS of the intersection with today's traffic counts to C in the peak AM and to B in the Peak PM. In the design year, the LOS will be E. Typically, LOS E or better is the objective for the design year of an improvement project.

Alternate 3 – Add a traffic signal and widen approaches to provide a through lane, a left turn lane and a right turn lane on the eastbound and southbound legs of the intersection. The westbound lanes would be widened to provide for a left turn lane and a combined through and right turn lane. This alternative is preferred because it meets the needs and purpose of the project by providing a LOS of C with the AM peak volumes and a LOS of C with the PM peak volumes in the design year.

Attachments:

1. Cost Estimates:
 - a. Construction including E & C
 - b. Right-of-Way, and
 - c. Utilities
2. Typical Sections
3. Construction Plan View
4. Minutes of Concept Team Meeting
5. Notice of Location and Design Approval

Prepared by: J.B. Trimble, Inc.

Estimate Report for file "Webb Bridge Road"

Section Roadway					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1010	1	LS	50000.00	TRAFFIC CONTROL -	50000.00
210-0100	1	LS	55000.00	GRADING COMPLETE -	55000.00
310-1101	950	TN	22.51	GR AGGR BASE CRS, INCL MATL	21384.50
318-3000	100	TN	15.31	AGGR SURF CRS	1531.00
402-1812	50	TN	38.35	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	1917.50
402-3110	500	TN	47.88	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	23940.00
402-3112	250	TN	53.15	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	13287.50
402-3121	490	TN	46.00	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	22540.00
413-1000	560	GL	0.94	BITUM TACK COAT	526.40
441-0104	850	SY	22.00	CONC SIDEWALK, 4 IN	18700.00
441-6012	1500	LF	22.41	CONC CURB & GUTTER, 6 IN X 24 IN, TP 2	33615.00
441-7010	4	EA	955.82	CURB CUT WHEELCHAIR RAMP, TP -	3823.28
550-1180	1500	LF	27.99	STORM DRAIN PIPE, 18 IN, H 1-10	41985.00
550-3424	4	EA	715.66	SAFETY END SECTION 24 IN, SIDE DRAIN, 4:1 SLOPE	2862.64
668-1100	10	EA	1756.49	CATCH BASIN, GP 1	17564.90
Section Sub Total:					\$308,677.72

Section Permanent Erosion Control					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
603-2024	50	SY	38.18	STN DUMPED RIP RAP, TP 1, 24 IN	1909.00
700-6910	1	AC	739.15	PERMANENT GRASSING	739.15
700-7000	3	TN	59.55	AGRICULTURAL LIME	178.65
700-7010	3	GL	20.62	LIQUID LIME	61.86
700-8000	1	TN	234.39	FERTILIZER MIXED GRADE	234.39
700-8100	50	LB	1.43	FERTILIZER NITROGEN CONTENT	71.50
Section Sub Total:					\$3,194.55

Section Temporary Erosion Control					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	0	AC	447.96	TEMPORARY GRASSING	223.98
163-0240	30	TN	193.21	MULCH	5796.30
163-0300	2	EA	1051.94	CONSTRUCTION EXIT	2103.88
163-0550	10	EA	182.12	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	1821.20
165-0010	800	LF	0.98	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	784.00
165-0101	2	EA	341.98	MAINTENANCE OF CONSTRUCTION EXIT	683.96
167-0100	18	MO	955.65	WATER QUALITY MONITORING	17201.70
167-0200	2	EA	58.24	WATER QUALITY SAMPLING	116.48
171-0010	1600	LF	1.70	TEMPORARY SILT FENCE, TYPE A	2720.00
Section Sub Total:					\$31,451.50

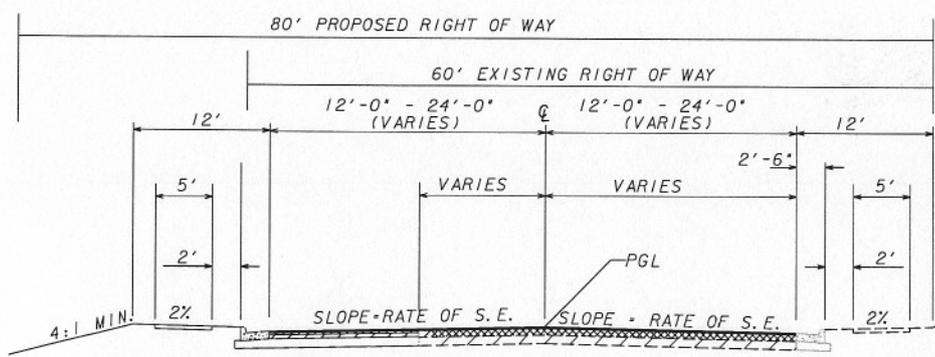
Section Signing and Marking					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1029	45	SF	20.01	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 3	900.45
636-2070	65	LF	6.49	GALV STEEL POSTS, TP 7	421.85
647-1000	1	LS	65000.00	TRAFFIC SIGNAL INSTALLATION NO -	65000.00
652-0120	12	EA	42.44	PAVEMENT MARKING, ARROW, TP 2	509.28
652-0210	6	EA	90.89	PAVEMENT MARKING, WORD, TP 1	545.34
652-5451	4400	LF	0.12	SOLID TRAFFIC STRIPE, 5 IN, WHITE	528.00
652-5452	1500	LF	0.12	SOLID TRAFFIC STRIPE, 5 IN, YELLOW	180.00
652-5701	120	LF	2.93	SOLID TRAF STRIPE, 24 IN, WHITE	351.60
652-6501	400	GLF	0.07	SKIP TRAFFIC STRIPE, 5 IN, WHITE	28.00
652-9001	615	SY	1.56	TRAFFIC STRIPE, WHITE	959.40

653-0130	4	EA	69.83	THERMOPLASTIC PVMT MARKING, ARROW, TP 3	279.32
Section Sub Total:					\$69,703.24

Total Estimated Cost: \$413,027.01

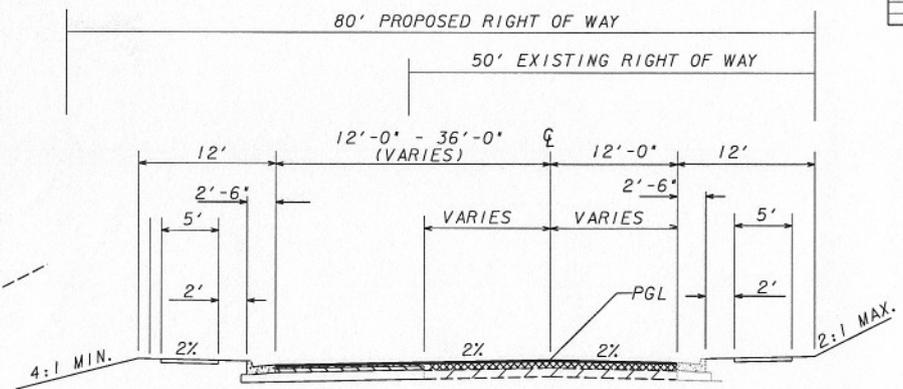
Subtotal Construction Cost	\$413,027.01
E&C Rate 10.0 %	\$41,302.70
Inflation Rate 5.0 % @ 2.0 Years	\$46,568.80
	<hr/>
Total Construction Cost	\$500,898.51
Right Of Way	\$440,000.00
ReImb. Utilities	\$30,000.00
	<hr/>
Grand Total Project Cost	\$970,898.51

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			
		REVISION DATES	



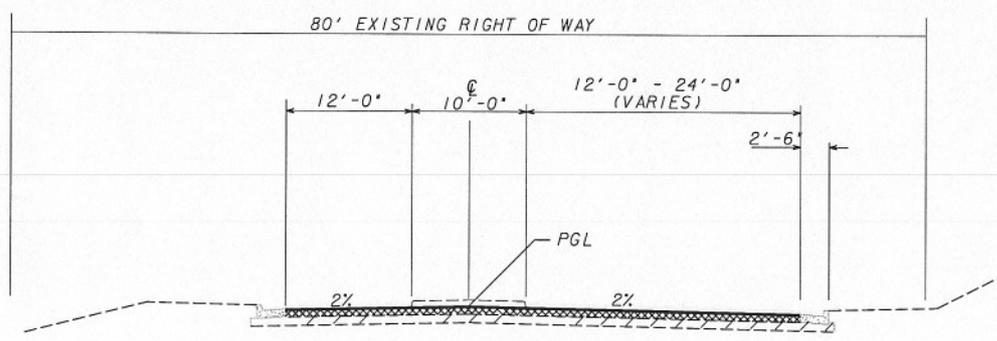
TYPICAL SECTION NO. 1

STA 95+30 TO STA 105+20 WEBB BRIDGE ROAD



TYPICAL SECTION NO. 3

STA 300+30 TO STA 305+10 SHIRLEY BRIDGE ROAD



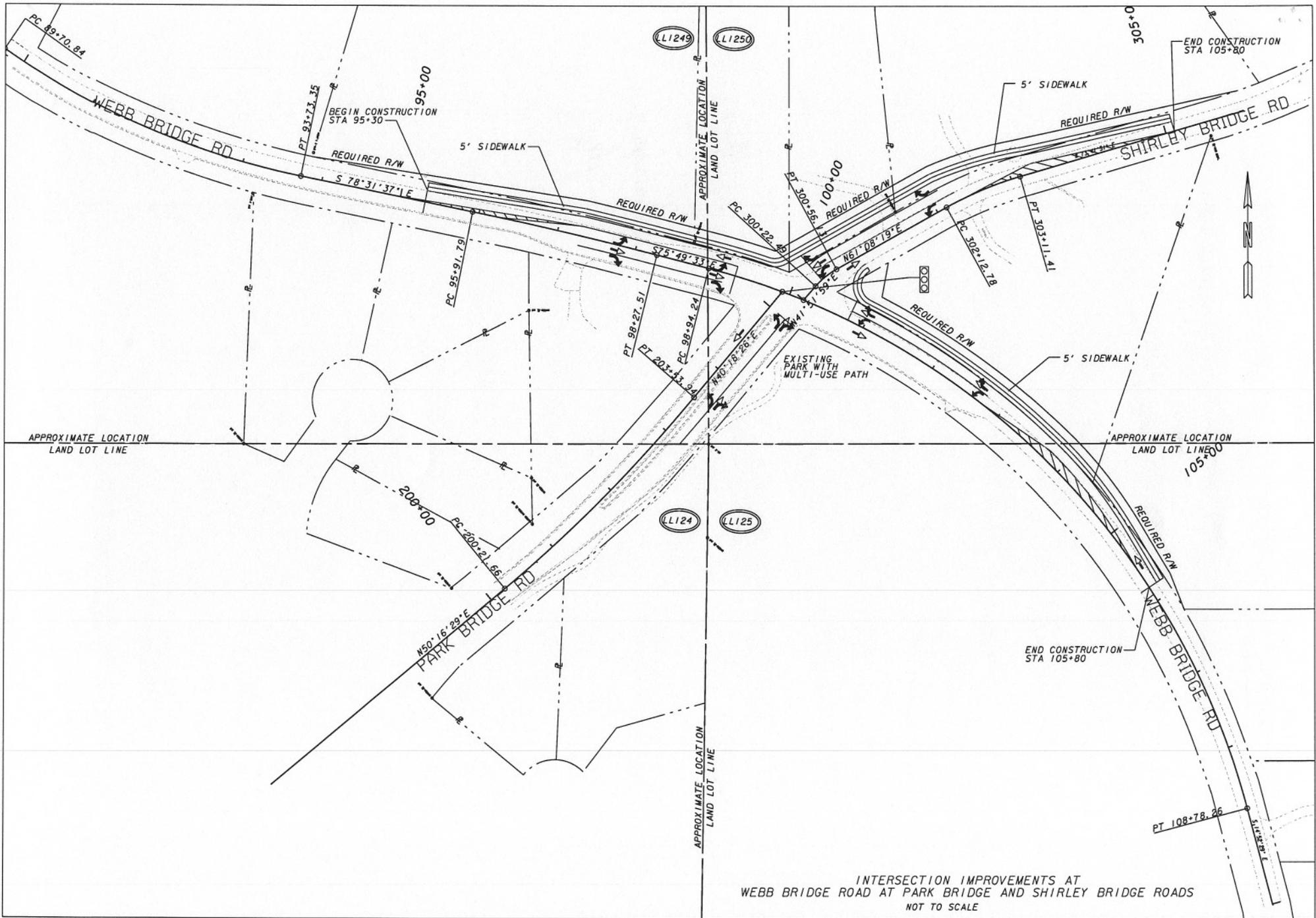
TYPICAL SECTION NO. 2
TANGENT SECTION

STA 203+00 TO STA 205+00 PARK BRIDGE ROAD

JBT J.B. TRIMBLE, INC.
6445 Powers Ferry Road
Suite 100
Atlanta, GA 30339

WEBB BRIDGE ROAD AT PARK BRIDGE - SHIRLEY BRIDGE ROAD
TYPICAL SECTIONS

DRAWING No.



Concept Meeting Notes
Project Number HPP-0000-00(261)
PI 0000261

**Webb Bridge Road at Park Bridge/Shirley Bridge Road
 Intersection Improvements**

February 10, 2005

<u>Attendees:</u>	<u>Email</u>	<u>Telephone</u>
Steve Linley – JB Trimble	slinley@jbtrimble.com	770-952-1022
Jennifer Murphy – JB Trimble	jmurphy@jbtrimble.com	770-952-1022
Don Gaines – Gray Calhoun	dgaines@graycalhoun.com	404-355-4010
R. Woods - GDOT District 7	reuben.woods@dot.state.ga.us	770-986-1090
Phil Magoon – GDOT Urban	phil.magoon@dot.state.ga.us	404-656-5440
Albert Welch – GDOT Urban	albert.welch@dot.state.ga.us	404-656-5440
Mike Lobdell – GDOT District 7	mike.lobdell@dot.state.ga.us	404-463-4947
Scott Lee – GDOT District 7	scott.lee@dot.state.ga.us	404-463-4947
Chris Woods – GDOT District 7	chris.woods@dot.state.ga.us	404-463-4947
Jon Griffith – GDOT District 7	jon.griffith@dot.state.ga.us	404-463-4947
Antonio Valenzuela – Fulton Co.	antonio.valenzuela@co.fulton.ga.us	404-224-0520
Ronald Morris – PMT – Fulton Co.	rhmorris@pbsj.com	770-933-0280
Daniel McDuff – PMT – Fulton Co.	drmeduff@pbsj.com	770-933-0280
Kristina Nash – GDOT – OEL	Kristina.nash@dot.state.ga.us	404-699-6981
Eric Graves – City of Alpharetta	egraves@alpharetta.ga.us	678-297-6200

Project Discussion

Jon Griffith opened the meeting and then stated that there was not a record of a PMA signature by Fulton County. Antonio Valenzuela responded that Fulton County is turning over the project to the City of Alpharetta and that the City will sign the PMA.

Then, Jon Griffith stated that the public involvement will need to be coordinated with Greg Hood at GDOT – OEL, 404-699-4404.

Jennifer Murphy gave a brief overview of the project. The project is currently a two lane roadway with an additional left turn lane on Webb Bridge Road in each direction. Park Bridge Road has an additional left turn lane northbound onto Webb Bridge Road. The proposed concept layout shows two through lanes and one left and one right turn lane along Webb Bridge Road.

The two through lanes will taper down to the two lane section using AASHTO taper lengths. Park Bridge and Shirley Bridge Road will need one through lane, one left turn and one right turn lane in each direction.

The addition of two through lanes was discussed, and it was suggested that adding two lanes for the proposed 1000-foot length would only shift the congestion problem to the points on Webb Bridge Road where the two lanes would merge and would not correct the problem.

Jon Griffith will revise the Need and Purpose Statement and send it to JB Trimble to be included in the revised concept report. Jon wants the existing Level of Service to be discussed in the concept report. Level of Service could be discussed in the description of project which needs to be expanded in more detail.

Kristina Nash pointed out that the multi-use path along Park Bridge Road needs to be avoided if possible otherwise section 4-F will be required. Access to the path needs to be maintained at all times is possible.

She also wants bus routes and school access checked during any staged construction or detours.

Eric Graves brought up the growth factor discussion and it was decided that 1.5% could be used on Park Bridge and Shirley Bridge Road and 2.5% could be used on Webb Bridge Road up to a constrained volume of a two lane roadway.

In the concept report, show the current year (2007) traffic, design year (2027) traffic and the traffic volume and year that the proposed concept plan will be at saturation volumes.

The JB Trimble design team will delete the dual through lanes from this concept and come up with a new concept plan for Fulton County, City of Alpharetta and GDOT to review to decide if this project is worth moving forward.

Chris Woods and Scott Lee suggested removing the median on Park Bridge Road to help the alignment with Shirley Bridge Road.

The JBT Team will look at the alignment of Park Bridge and Shirley Bridge Road to provide better sight distance for left turning vehicles from Park Bridge onto Webb Bridge Road.

Eric Graves said that Webb Bridge Road is a bike route so the design needs to incorporate 14' lanes with Share the Road signs or 12' travel lane with a 4' bike lane.

JBT will adjust the cost estimate for the new layout and increase the right of way cost to \$14/sf which was suggested by Chris Woods. JBT will write the Concept Team Meeting minutes and submit the concept report for approval.

NOTICE OF LOCATION AND DESIGN APPROVAL

Project No. HPP-000-00(261), Fulton County
P.I. No. 0000261

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

The date of Location Design Approval July 20, 2005.

The project consists of improvements of Webb Bridge Road at Park Bridge/Shirley Bridge Road intersection, located in Fulton County, Georgia Militia Districts 1, 1st Land District, Land Lot 124, 125 and 2nd Land District, Land Lot 1249 and 1250.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for inspection at the Georgia Department of Transportation.

Jeff Woodward, Area 2 Engineer
jeff.woodward@dot.state.ga.us
Georgia Department of Transportation
Marietta Area Office
862 Barnes Mill Road
Marietta, Georgia 30062
(770) 528-3238

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

Mike Lobdell, P.E.
District Seven Preconstruction Engineer
mike.lobdell@dot.state.ga.us
Georgia Department of Transportation
District Seven Office
5025 New Peachtree Road
Chamblee, Georgia 30341
(770) 986-1050

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

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

Project Number: HPP-000-00(261)

County: Fulton

P.I. Number: 0000261

Federal Route Number: N/A

State Route Number: N/A

County Road Number: 70

Intersection Improvements at Webb Bridge Road and Park Bridge and Shirley Bridge Roads

Recommendation for approval:

DATE 6/30/05

Mike J. Allen
Project Manager

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Plan (RTP) and/or the State Transportation Improvement Program (STIP).

6/30/05
DATE

Ray Hood
District Engineer

7/1/05
DATE

Joseph P. Pillech
State Transportation Planning Administrator

DATE

State Transportation Financial Management Administrator

DATE

State Environmental / Location Engineer

DATE

State Traffic Safety & Design Engineer

DATE

Project Review Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

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District Engineer

DATE _____

State Transportation Planning Administrator

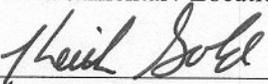
DATE _____

State Transportation Financial Management Administrator

DATE _____

State Environmental / Location Engineer

DATE 7-6-05


State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P.I. No. 0000261

OFFICE: Environment/Location

DATE: July 6, 2005



FROM: Harvey D. Keeper, State Environmental/Location Engineer

TO: Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

**SUBJECT: PROJECT CONCEPT REPORT
HPP-000-00(261) / Fulton County
Intersection Improvement @ Web Bridge Rd. & Park Ridge /
Shirley Bridge Rd.**

The above subject concept report has been reviewed. This Office has no comment at this time.

If you have any questions, please contact me at (404) 699-4401.

HDK/lc

Attachment

cc: Brian Summers
Bryant Poole
Keith Golden
Joe Palladi
Jamie Simpson

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

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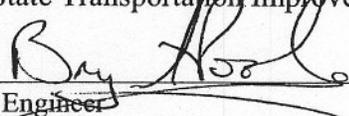
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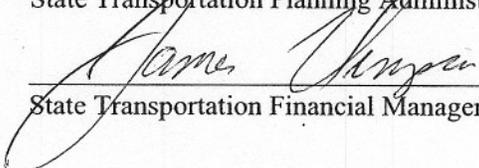
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District Engineer

DATE _____

State Transportation Planning Administrator

DATE 7-6-05


State Transportation Financial Management Administrator

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DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

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Ray H. ...
District Engineer

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Financial Management Administrator

DATE 7.06.05

Thermy D. ...
State Environmental / Location Engineer

DATE _____

State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer