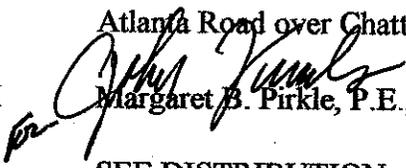


DOT. 66

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE BHMLB-9003(8) Cobb County **OFFICE** Preconstruction
P. I. No. 752710
Atlanta Road over Chattahoochee River **DATE** November 30, 2004

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

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

MBP/cj

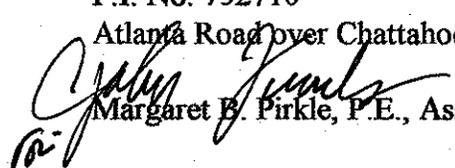
Attachment

DISTRIBUTION:

David Mulling
Harvey Keepler
Ken Thompson
Jamie Simpson
Michael Henry
Phillip Allen
Joe Palladi (file copy)
Paul Liles
Buddy Gratton
BOARD MEMBER

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

FILE BHMLB-9003(8) Cobb County **OFFICE** Preconstruction
P.I. No. 752710
Atlanta Road over Chattahoochee River **DATE** October 26, 2004

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

TO Paul V. Mullins, P.E., Chief Engineer

SUBJECT PROJECT CONCEPT REPORT

This project is the replacement of a narrow and structurally deficient bridge on Atlanta Road/Marietta Boulevard over the Chattahoochee River at the Fulton-Cobb county line. The existing bridge is a 572' x 39' structure with a sufficiency rating of 52. The current bridge needs replacing due to unacceptable load capacity in accordance with DOT Policy 2405-1. The steel superstructure has corrosion and paint peeling throughout. The deck has edge beam spalls with exposed rebar throughout. The existing approaches consist of three, 12' lanes with 6' shoulders that transition to five lanes south of the river and two, 12' lanes with 10' shoulders north of the river that transition to a four lane divided roadway at the railroad underpass. This project proposes to connect the existing five lane section south of the bridge to the existing four lane divided section north of the bridge for a total of 0.60 mile. This section of Atlanta Road/Marietta Boulevard is functionally classified as an arterial street. Traffic warrants a four lane bridge and roadway and the need to connect the existing multi-lane facilities north and south of the bridge. The projected 2006 and 2026 traffic for this section of roadway is 23,000 VPD and 30,000 VPD respectively. The posted speed and the design speed are 45 MPH.

The construction proposes to construct a new 600' x 90' concrete bridge over the Chattahoochee River. The proposed roadway will consist of four, 12' lanes, 4' bicycle lanes and curb and gutter. The east side will have a 5' sidewalk (2' strip) and the west side will have a 12' multi-use trail separated from the roadway by a 5' grass strip. The median width will vary from 20' on the roadway to 12' across the bridge. Traffic will be maintained on the existing roadway and bridge while the two southbound lanes are constructed west of the existing alignment. Traffic will then be shifted on the newly constructed southbound lanes, the existing bridge will be demolished and the two northbound lanes will be constructed.

Environmental concerns include requiring a COE 404 Permit; a Categorical Exclusion will be prepared; a public hearing open house is not required; time saving procedures are appropriate.

BHMLB-9003(8) Cobb
October 26, 2004

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) | \$7,088,000 | \$6,700,000 | RRB | 2006 |
| Right-of-Way | \$ 60,000 | \$ 500,000 | RRB | |
| Utilities* | LGPA | LGPA | | |

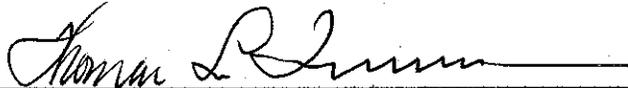
*Cobb County signed PMA on 12-3-03 for PE, right-of-way, and utilities; LGPA sent 3-5-96 requesting City of Atlanta/Fulton County do right-of-way, utilities and detours.

I recommend this project concept be approved.

MBP:JDQ/cj

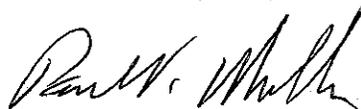
Attachment

CONCUR



Thomas L. Turner, P.E., Director of Preconstruction

APPROVE



Paul V. Mullins, P.E., Chief Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE

FILE: BHMLB-⁹⁰⁰³90003(8), Cobb County
Atlanta Road over Chattahoochee
River Bridge Replacement
P.I. # 752710

OFFICE: Chamblee\Metro

DATE: October 13, 2004

FROM: Buddy Gratton, P.E., District Engineer

TO: Meg Pirkle, P.E., Assistant Director of Preconstruction

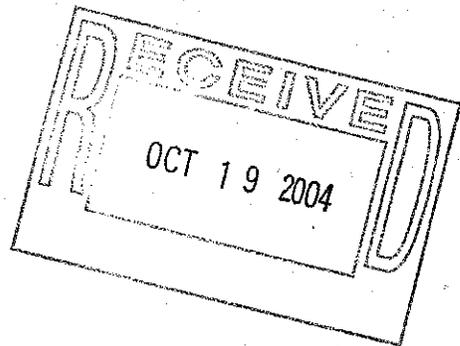
SUBJECT: *PROJECT CONCEPT REPORT*

Attached is the original copy of the concept report for your further handling for approval in accordance with the PDP.

If you have any questions in regards to this concept, please contact Gerald Ford or Lowell James at (770) 986-1050.

BG\WSL\loj

cc: Phillip Allen
David Mulling
Harvey Keepler
Paul Liles
Joe Palladi
Jamie Simpson
File



DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

Project Number: BHMLB-9003(8)
County: Cobb
P.I. Number: 752710
Cobb County Project Number: TR291
Federal Route Number: N/A
State Route Number: N/A

See Page 2 for Project Location & Regional Map

Recommendation for approval:

DATE 10/15/04

Wah L. Liu
Project Manager

DATE 10/15/04

Brendy R. R.
District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Financial Management Administrator

DATE _____

State Environmental / Location Engineer

DATE _____

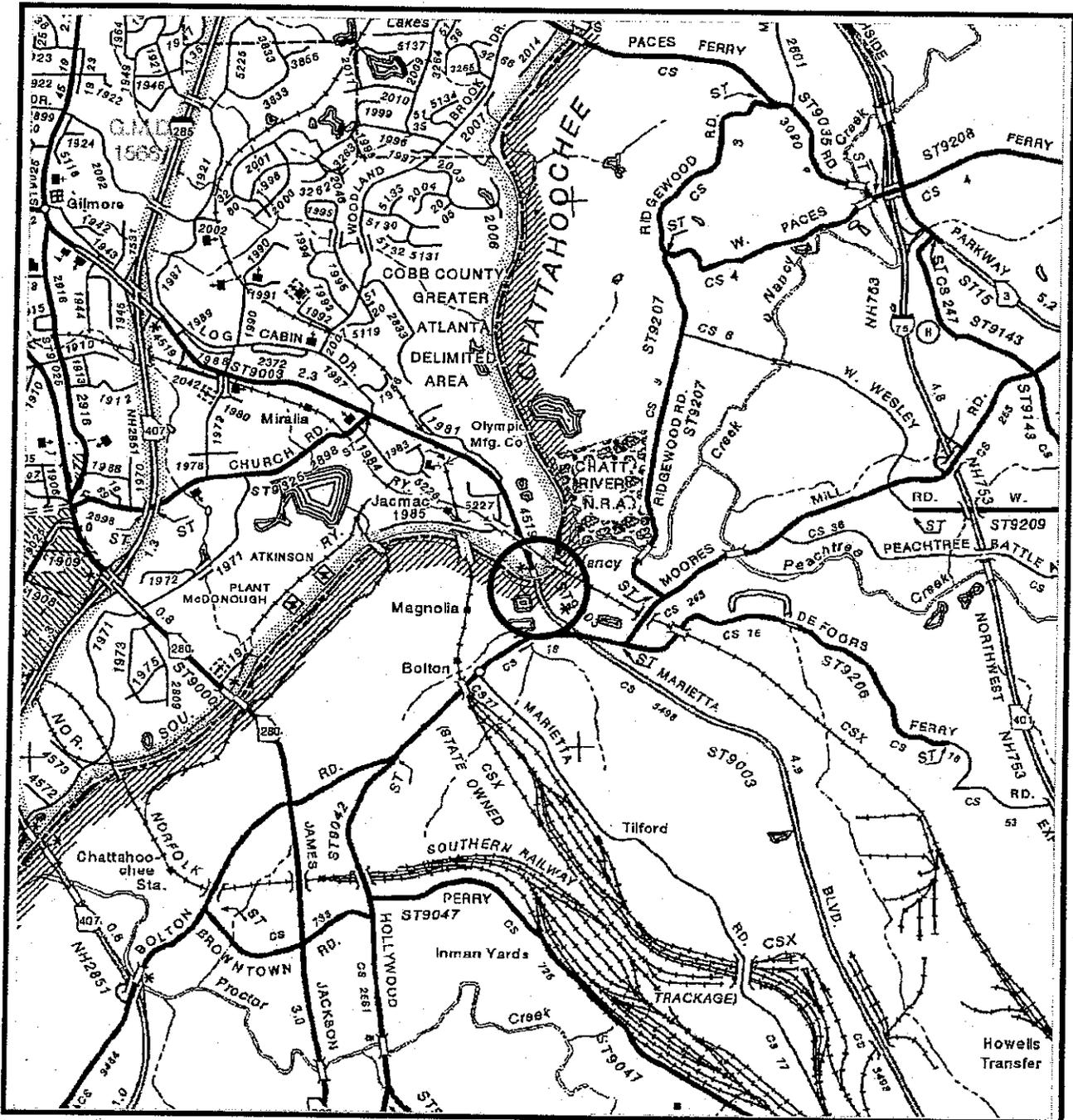
State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge & Structural Engineer



BHMLB-9003(8) Cobb/Fulton County Line, GA PI# 752710
Atlanta Road/Marietta Boulevard over the Chattahoochee River

Need and Purpose:

Bridge project BHMLB-9003(8) will replace the structurally deficient 2-lane bridge located on Atlanta Road over the Chattahoochee River. The bridge's sufficiency rating is 52.4. The current bridge needs replacing due to unacceptable load capacity in accordance with DOT Policy 2405-1. The existing bridge was built in 1950 and needs replacing to meet current design standards to accommodate the increase in traffic volume that has been generated over the years. The new bridge will add safety, traffic capacity and meet latest ADA and bike lane standards.

Atlanta Road consists of 3 lanes with 6' shoulders south of the river and 2 lanes with 10' shoulders north of the river that transition to a 4-lane divided roadway at the railroad underpass. The bridge on Atlanta Road over the Chattahoochee River is 39' wide, providing insufficient shoulder width on the bridge. The substructure has all concrete wall pier bents. The steel superstructure has corrosion and paint peeling throughout. The deck has edge beam spalls with exposed rebar throughout.

This section of Atlanta Road is functionally classified as an arterial street. The bridge is on a bike route and is on a designated school bus route. The proposed speed limit along this section of Atlanta Road is 45 mph. The bridge is located on the Cobb-Fulton County line. The projected 2026 ADT for this section of roadway is 30,000. The bridge does not have the load capacity to provide safe passage to high volume of truck traffic in the area. Providing a new and wider bridge will improve access to the area and simultaneously provide a structure with an acceptable load capacity.

Description of Project: The length of this project is approximately 0.60 miles. The project begins in Fulton County at the intersection of Bolton Road at mile marker 4.5 and proceeds north to cross the Chattahoochee River (the Fulton-Cobb County line). The project extends approximately 0.3 miles into Cobb County to the Seaboard Airline Railroad underpass and ends at mile marker 5.1. The bridge is located at mile marker 4.84. The southern end of the project is in the City of Atlanta's limits.

This project consists of replacing the structurally deficient 2-lane bridge on Atlanta Road over the Chattahoochee River with (4) 12' lanes. The bridge will be constructed to accommodate four travel lanes with a median, bike lanes and sidewalks. This project will also widen the approaching roadway in Cobb County and City of Atlanta to match the bridge.

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

The project is included in the 2010 Network Model by the ARC as project number CO-104 and is modeled as a bridge capacity project that will fill in the gap between the 4/5 lane sections on either end of the project with 4 lanes. As such, there are no limits imposed on the project. It is scheduled to begin construction in 2006 and opened to traffic in 2008.

PDP Classification: Major Minor

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

Functional Classification: Arterial Street

US Route Number(s): N/A

State Route Number(s): N/A

Traffic (AADT):

Current Year: (2006) 23,000

Design Year: (2026) 30,000

Existing design features:

• Typical Section: Atlanta Road consists of three 12' lanes with 6' shoulders that transition to 5 lanes south of the river and two 12' lanes with 10' shoulders north of the river that transition to a 4-lane divided roadway at the railroad underpass. The road contains a mix of rural and urban sections on both sides of the river. Curb and gutter exists on the east side south of the river and on the west side north of the river. The roadway section is rural on the west side south of the river and on the east side north of the river. The existing lanes are 12' wide.

- Posted Speed: 45 mph
- Minimum radius for curve: 1280 ft
- Maximum Super-elevation rate for curve: 6 %
- Maximum Grade: 2 %
- Width of Right of Way: Varies from 200 to 250 ft
- Major Structures: Bridge over Chattahoochee River, Length = 572', Width = 39', Suff. Rating = 52.4
- Major Interchanges or intersections along the project: Marietta Boulevard at Bolton Road
- Existing length of roadway segment: 0.60 miles (Beginning mile post approx. 4.5)

Proposed design features:

• Proposed typical section: The proposed roadway will consist of 4-12-foot travel lanes, 4' bicycle lanes and curb and gutter on each side. The east side will have a 5' sidewalk separated from the road by a 2' strip of stamped colored concrete. The west side will have a 12' multi-use trail separated from the road by a 5' grass strip. The raised median width will vary from 20' on the roadway to 12' across the bridge.

- Proposed Design Speed Mainline: 45 mph
- Proposed Maximum grade Mainline: 2 % Maximum grade allowable: 6 %
- Proposed Maximum grade Side Street: N/A % Maximum grade allowable: N/A %
- Proposed Maximum grade driveway: N/A %
- Proposed Minimum Radius: 1284 ft Minimum radius allowable: 730 ft
- Proposed Maximum Superelevation: 4 %
- Right of Way:
 - Width 250 ft max.
 - Easements: Temporary (X), Permanent (), Utility (), Other ().

County: Cobb/Fulton

o Number of parcels: 2

Number of displacements:

o Business: 0

o Residences: 0

o Mobile homes: 0

o Other: 0

• Structures:

o Bridges: Bridge over Chattahoochee River, Length = 600', Width = 90'

The bridge will be a four span bridge with bulb tee PSC beams and concrete bents.

• Major Interchanges or intersections along the project: Marietta Boulevard at Bolton Road

• Traffic control during construction: Traffic will be maintained on the existing roadway and bridge while the 2 southbound lanes are constructed west of the existing alignment. Traffic will then be shifted to the newly constructed southbound lanes, the existing bridge will be demolished and the 2 northbound lanes will be constructed.

• 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: Width of median on bridge will be less than 20'.

• Environmental Concerns: None anticipated

• Level of Environmental Analysis: CE 23 with PCN anticipated

o Are Time Saving Procedures Appropriate? Yes (X) No ()

o Categorical Exclusion (X),

o Environmental Assessment / Finding of No Significant Impact ()

o Environmental Impact Statement ()

o Utility involvements:

Water: N/A

Telephone: Bellsouth on bridge; MCI is buried on north side and parallel to the railroad.

Power: GA Power is aerial on east side of the existing bridge

Project Concept Report page 6
Project Number: BHMLB-9003(8)
P.I. Number: 752710
County: Cobb/Fulton

State of Georgia
Department of Transportation

Gas: Atlanta Gas on bridge
Cable TV: N/A

Project responsibilities:

- Design: J.B. Trimble, Inc.
- Right-of-Way Acquisition: Cobb County
- Relocation of Utilities: Cobb County via LGPA
- Letting of Contract: Georgia Department of Transportation
- Supervision of Construction: Georgia Department of Transportation
- Providing material pits: Contractor
- Providing detours: N/A

Coordination:

- Initial Concept Meeting date: March 28, 2004 – See attached minutes
- Concept Meeting date: August 25, 2004 – See attached minutes
- PAR meetings, dates and results: None
- FEMA, USCG, and/or TVA: A FEMA permit will be required through Cobb County. A USCG Section 10 Permit will be required.
- Public Involvement: A public Information Meeting will be held following the concept team meeting.
- Local government comments: LGPA has been signed by Cobb County on 12-3-03.
- Other projects in area.
 - Path Foundation path under the bridge and connecting to the proposed project – no project number has been assigned.

City of Atlanta Projects:

- Marietta Boulevard widening from Bolton Road to the river – ARC Project Number AT-007 – this project is being combined with Cobb County's project through the ARC and an agreement between the Cobb County and the City is being formalized.
- Marietta Boulevard landscaping project – GDOT PI 0004493, ARC Project Number AT-AR-BP303
- Quality of Life (QOL) project on Bolton Road – City of Atlanta Project Number 00G00116
- Proposed multi-use trail/sidewalk project from Bolton Road to Atlanta Road – GDOT PI 762548, ARC number AT-AP-BP023
- Bus Rapid Transit Route is being studied on this corridor and is called the Northwest Connectivity study - no project number has been assigned.
- Other coordination to date: Path Foundation and Fulton County. The County has not been responsive. Coordination is ongoing with the City of Atlanta for the projects listed above.

Cobb County and the City of Atlanta have decided that the City of Atlanta will allow their project, AT-

County: Cobb/Fulton

007, to be incorporated into this project. Cobb County will fund the project as stated in the concept team meeting minutes and the City of Atlanta will handle right of way issues in the city. The only required right of way is currently owned by the City of Atlanta. No formal agreement will be required between the City and Cobb County. Kofi Wahkisi at the Atlanta Regional Commission confirmed that the project is appropriately modeled in Cobb County's portion of the project to accommodate the entire project from Bolton Road to the CSX underpass.

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process: 12 Months.
- Time to complete preliminary construction plans: 9 Months.
- Time to complete right-of-way plans: 1 Month.
- Time to complete the Section 404 Permit: 6 Months.
- Time to complete final construction plans: 12 Months.
- Time to purchase right-of-way: 6 Months.
- List other major items that will affect the project schedule: None

Other Alternates Considered:

Alternate 1 - Close Atlanta Road/Marietta Boulevard to an off-site detour and construct the project in one stage. While this alternate would substantially shorten the construction duration, it was considered impractical since the detour would be approximately 6 miles long on the Cobb County side and approximately 3 miles on the Fulton County side and would require vehicles to travel I-285 to South Cobb Drive and Bolton Road.

Alternate 2 – Permanently realign Atlanta Road/Marietta Boulevard to the west and build in one stage. This alternate was considered impractical since the alignment has critical points at the railroad bridge to the north and the Marietta Boulevard/Bolton Road intersection to the south.

Alternate 3 – No-Build. The existing bridge does not have the load or volume capacity for the high volume of truck and vehicle traffic. Providing a new and wider bridge will improve access to the area and simultaneously provide a structure with an acceptable load capacity so the no-build was not a practical option.

Alternate 4 – Demolish and replace the existing bridge with a new one at the existing location. Traffic will be maintained on the existing roadway and bridge while the proposed bridge is constructed west of the existing alignment. Traffic will then be shifted to the newly constructed bridge, the existing bridge will be demolished and the second half of the proposed bridge will be constructed. This alternative was considered to be the most practical.

Comments: None

Attachments:

1. Cost Estimates:
 - a. Construction including E & C
 - b. Right-of-Way, and
 - c. Utilities
2. Typical Sections
3. Notice of Location and Design Approval

Project Concept Report page 8
Project Number: BHMLB-9003(8)
P.I. Number: 752710

State of Georgia
Department of Transportation

County: Cobb/Fulton

4. Bridge inventory data
5. Minutes of initial kickoff meeting
6. Minutes of Concept Team Meeting
7. Traffic Data Sheet

Prepared by: J.B. Trimble, Inc.

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: BHMLB-9003(8)

COUNTY: Cobb

DATE: October 12, 2004

ESTIMATED LETTING DATE: June 2006

PREPARED BY: J.B. Trimble, Inc.

PROJECT LENGTH (MILES): 0.60 Mi

() PROGRAMMING PROCESS (X) CONCEPT DEVELOPMENT () DURING PROJECT DEV.

| PROJECT COST | |
|--|-----------------------|
| A. RIGHT-OF-WAY: | |
| 1. PROPERTY (LAND & EASEMENT) | \$50,000.00 |
| 2. DISPLACEMENTS; RES:0, BUS:0, M.H.:0 | \$0.00 |
| 3. OTHER COST (ADM./COST, INFLATION) | \$10,000.00 |
| SUBTOTAL: A | \$60,000.00 |
| B. REIMBURSABLE UTILITIES: (LGPA) | |
| 1. RAILROAD | \$0.00 |
| 2. TRANSMISSION LINES | \$0.00 |
| 3. SERVICES | \$20,000.00 |
| SUBTOTAL: B | \$20,000.00 |
| CONSTRUCTION | |
| C. MAJOR STRUCTURES | |
| 1. RETAINING WALLS | \$0.00 |
| 2. BRIDGES (600' X 90' bridge) | \$4,320,000.00 |
| 3. DETOUR BRIDGES | \$0.00 |
| 4. EXTEND/REPLACE EXISTING CULVERTS | \$0.00 |
| SUBTOTAL: C | \$4,320,000.00 |

| | |
|---|--------------|
| D. GRADING AND DRAINAGE | |
| 1. EARTHWORK | |
| a. BORROW: (1,000 cu. yd. @ \$7.00) | \$ 7,000.00 |
| b. EXCAVATION: (200 cu. yd. @ \$7.00) | \$1,400.00 |
| SUBTOTAL: D-1 | \$8,400.00 |
| 2. DRAINAGE | |
| a. SIDE DRAIN PIPE (3200 ft of 24 in @ \$40) | \$128,000.00 |
| b. FES (4 ea @ \$506) | \$2,024.00 |
| c. CATCH BASIN (12 EA @ \$1800) | \$21,600.00 |
| d. 24" TYPE I RIPRAP (50 SY @ \$40) | \$2,000.00 |
| SUBTOTAL: D-2 | \$153,624.00 |
| SUBTOTAL: D | \$162,024.00 |
| E. BASE AND PAVING | |
| 1. AGGREGATE BASE (6,560 tons @ \$17) | \$111,520.00 |
| 2. SURFACE AGGREGATE (200 tons @ \$15) | \$3,000.00 |
| 3. ASPHALT PAVING | |
| a. Surface - 19 mm Superpave (1095 tons @ \$38) | \$41,610.00 |
| b. Binder - 25 mm Superpave (2190 tons @ \$45) | \$98,550.00 |
| c. Base - 9.5 mm Superpave (840 tons @ \$45) | \$37,800.00 |
| d. Leveling (100 tons @ \$45) | \$4,500.00 |
| e. Tack Coat (1,295 gals @ \$1) | \$1,295.00 |
| SUBTOTAL: E-3 | \$183,755.00 |
| | |
| | |

| | |
|--|---------------|
| 4. CONCRETE PAVING | |
| a. APPROACH SLABS (308 sy @ \$121) | \$37,268.00 |
| b. CONCRETE CURB AND GUTTER (4100 ft @ \$10) | \$41,000.00 |
| c. CONCRETE SIDEWALK (3800 sy @ \$20) | \$76,000.00 |
| d. CONCRETE MEDIAN (4286 sy @ \$25) | \$107,150.00 |
| e. WHEELCHAIR RAMPS (2 ea @ \$800) | \$2,600.00 |
| | |
| | SUBTOTAL: E-4 |
| | \$239,168.00 |
| | SUBTOTAL: E |
| | \$537,443.00 |
| | |
| F. LUMP ITEMS | |
| 1. TRAFFIC CONTROL | \$150,000.00 |
| 2. CLEARING AND GRUBBING | \$30,000.00 |
| 3. GRASSING | \$10,000.00 |
| 4. EROSION CONTROL | \$50,000.00 |
| 5. REMOVAL OF EXISTING BRIDGE | \$600,000.00 |
| | |
| | SUBTOTAL: F |
| | \$840,000.00 |
| | |
| G. MISCELLANEOUS | |
| 1. SIGNING | |
| a. SIGNS | \$800.00 |
| b. POSTS | \$800.00 |
| c. SIGNAL | \$0.00 |
| | |
| | SUBTOTAL: G-1 |
| | \$1,600.00 |
| 2. STRIPING | |
| 1. 5 IN WHITE SOLID (6000 ft @ \$0.50) | \$3,000.00 |
| 2. 5 IN WHITE SKIP (6000 ft @ \$0.25) | \$1,500.00 |

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Project Number: BHMLB-9003(8)
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State of Georgia
Department of Transportation

| | |
|--|-------------|
| 3. 5 IN YELLOW SOLID (6000 ft @ \$0.50) | \$3,000.00 |
| | |
| SUBTOTAL: G-2 | \$7,500.00 |
| | |
| 3. GUARDRAIL | |
| | |
| a. TYPE W (1200 ft @ \$10) | \$12,000.00 |
| b. TYPE T (283 ft @ \$38) | \$10,754.00 |
| c. TYPE 12 ANCHORS (2 @ \$1300) | \$2,600.00 |
| d. TYPE 1 ANCHORS (2 @ \$400) | \$800.00 |
| | |
| SUBTOTAL: G-3 | \$26,154.00 |
| | |
| SUBTOTAL: G | \$35,254.00 |

| ESTIMATE SUMMARY | |
|-----------------------------------|-----------------------|
| A. RIGHT-OF-WAY | \$ 0.00 |
| B. REIMBURSABLE UTILITIES | \$ 20,000.00 (LGPA) |
| CONSTRUCTION | |
| C. MAJOR STRUCTURES | \$4,320,000.00 |
| D. GRADING AND DRAINAGE | \$162,024.00 |
| E. BASE AND PAVING | \$537,443.00 |
| F. LUMP ITEMS | \$840,000.00 |
| G. MISCELLANEOUS | \$35,254.00 |
| SUBTOTAL CONSTRUCTION COST | \$5,894,721.00 |
| INFLATION (5% PER YEAR) | \$604,209.00 |
| NUMBER OF YEARS - 2 | |
| E. & C. (10%) | \$589,472.00 |
| TOTAL CONSTRUCTION COST | \$7,088,402.00 |
| GRAND TOTAL PROJECT COST | \$7,108,402.00 |



J.B. TRIMBLE, INC.
6445 Powers Ferry Road
Suite 100
Atlanta, GA 30339
Phone 770.952.1022
Fax 770.952.1041

Atlanta Road Concept Meeting Notes
Project Number BHMLB-9003(8)
PI 752710

August 26, 2004

Attendees:

| | |
|---|--------------|
| Steve Tiedemann – JB Trimble | 770-952-1022 |
| Jennifer Murphy – JB Trimble | 770-952-1022 |
| Nar Chaudhry – Cobb County DOT | 770-528-1656 |
| Bob Galante – Cobb County DOT | 770-528-1622 |
| John Morey – Cobb County DOT | 770-528-1661 |
| Russell Cook – Cobb County Water System | 770-419-6343 |
| Terrance Swint – SL King & Associates | 404-832-4829 |
| Clyde Cunningham - GDOT District 7 Utilities | 770-986-1090 |
| Pam Black – GDOT District 7 | 770-986-1555 |
| Mike Lobdell – GDOT District 7 Preconstruction Engineer | 770-986-1050 |
| Zandt Montgomery – GDOT District 7 Environmental | 770-986-1050 |
| Scott Lee – GDOT District 7 | 770-986-1050 |
| Gerald L. Ford – GDOT District 7 | 770-986-1050 |
| Jerry Milligan – GDOT R/W | 770-986-1050 |
| Mac Cranford – GDOT District 7 | 770-986-1050 |
| Lowell O. James – GDOT District 7 | 770-986-1050 |
| Marshall Troup – GDOT District 7 | 770-986-1050 |
| Robert Crawford – GDOT District 7 | 770-986-1050 |
| Dona Lee Welch – GDOT Construction | 770-986-1030 |
| Darrin Wood – MCI | 706-681-1926 |

Project Discussion

Lowell James, GDOT liaison for this project, opened the meeting and asked Steve Tiedemann to discuss the project. Steve Tiedemann gave a brief overview and history of the project. The project begins in Cobb County approximately at the CSX railroad bridge, crosses the Chattahoochee River and extends south into the City of Atlanta to the Bolton Road intersection. The road is known as Atlanta Road in Cobb County and Marietta Boulevard in the City of Atlanta (COA). This section of the road is currently a 3 lane section south of the river and a 2 lane facility across the bridge that transitions to a 4 lane divided roadway at the railroad underpass. Cobb County widened Atlanta Road north of the river to a 5 lane facility (four lane divided with a raised median at the railroad underpass) about 10 years ago and the road has five lanes at the Bolton Road intersection to the south. The proposed section is a 4 lane divided roadway with a 20' raised median, which tapers to a 12' raised median on the bridge in order to

reduce bridge construction costs. GDOT personnel indicated that a design variance is required if the median width is less than 20'. Steve discussed the option of using a pre-stressed, post tension concrete bridge. This would allow substantially longer concrete spans to be used than can be currently achieved using precast concrete beams. However, this is a new construction technique for GDOT and, since they have review authority over the project, this may delay the project or eliminate this option entirely. Also, piers will be required in the water with any bridge option, so JBT has decided to design a more conventional bridge that consists of precast concrete bulb tee beams in an effort to keep the bridge construction cost down and to keep GDOT review time to a minimum. JBT will revise the concept report to describe the proposed bridge planned for this site.

Bellsouth and Atlanta Gas Light both have utilities connected to the bridge and no formal requests have been made to re-attach yet, although AGL has informally asked to be allowed to relocate to the proposed bridge. JBT will need to know this information before final bridge design begins.

Bob Galante pointed out that the project is on a Bus Rapid Transit Route that has been studied but not planned. JBT will edit the concept report to indicate this. Also, JBT will add project numbers for the adjacent projects in the area.

Lowell James brought up that the cost for traffic control looked low on the construction cost estimate. JBT will revise this cost as well as how the inflation is calculated (2 years compounded annually at 5%, not a straight 10%).

Terrance Swint with SL King is JBT's subconsultant to facilitate coordination with the City of Atlanta (COA). Terrance gave an overview of his progress to date. He recently spoke to Julie Kovach of Atlanta Regional Commission (ARC) and she indicated that the COA is not interested in moving this project up in their program (project number AT-007). The COA has no funds for this project and it is currently programmed for FY 2021. ARC will need to change their model to include the City's widening in Cobb County's project if the County thinks they will be able to fund the entire project. Terrance said that ARC is finalizing changes to their current model and it will be completed shortly. Any modeling changes to this project need to be completed now because it will be 3 years before it can be changed in the next update of the model. Bob Galante stated that he wants the entire project to be modeled as a four lane divided roadway because he believes that Cobb County will be able to absorb the COA's portion and that the COA will only be responsible for right of way acquisition on their side of the river. There are currently four parcels that will require acquisition of right of way or easements. The COA already owns 2 of the parcels. With some changes in the typical section, proposed right of way on 2 other parcels may be eliminated. To accomplish this JBT will look into eliminating the grass strip between the curb and gutter and multi-use path on the south side to reduce the construction limits. If this is not enough to eliminate required right of way then the multi use path can be reduced from 12' to 10'. If more reduction is needed, the median can be reduced but this reduction will require a design variance.

Steve Tiedemann discussed another option if the COA is not willing to participate in the project. This option would be to taper the proposed pavement back to the existing pavement on the south end of the bridge at normal AASHTO taper rates to tie into the existing 3 lane roadway section. Cobb County does not like this option because it will still cause a bottleneck on the south side of the bridge. The taper would be approximately 540' of this 1200' section between the bridge and Bolton Road. JBT will look at the cost difference of the taper and the full construction for Cobb

County to review. Bob Galante hopes that with a few changes to the typical section as mentioned above, the project would be within budget and the project can be constructed as planned which will eliminate any bottleneck south of the bridge. Scott Lee did not like the idea of a taper either because he was concerned about accidents occurring at the end of the bridge with motorists anticipating the taper and switching lanes.

JBT will adjust the cost estimate, write the Concept Team Meeting minutes submit the concept report for approval. They will also keep Cobb County updated with the revised costs so they can compare it with their budget.

NOTICE OF LOCATION AND DESIGN APPROVAL

Project No. BHMLB-9003(8)

P. I. No. 752710

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 the this project.

The date of location approval is NOVEMBER 30, 2004

The project consists of replacing the two lane bridge on Atlanta road over the Chattahoochee River with a four lane bridge, located on the Cobb/Fulton County line, 17th District, Land Lots 964 and 1023 in Cobb county and 231 and 243 in Fulton County.. All numerical units shall be in English units.

During the construction of this project traffic will be maintained on the existing structure, while proposed construction begins on the west side. Traffic will then be shifted to newly constructed traveled way and proposed construction began on the eastside. The existing structure will be demolished.

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

Jeff Woodward
Jeff.woodward@dot.state.ga.us
862 Barnes Mill Rd
Marietta, Ga. 30062
(770) 528-5506

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 the Georgia Department of Transportation, 5025 New Peachtree Road, Chamblee, Georgia 30341 and paying a nominal cost there of.

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

Lowell O. James
Preconstruction
Lowell.james@dot.state.ga.us
5025 New Peachtree Road
Chamblee, Ga. 30341
770-986-1050

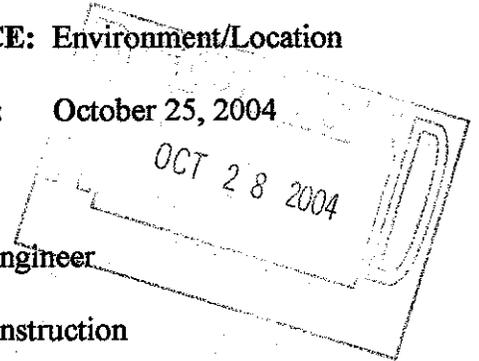
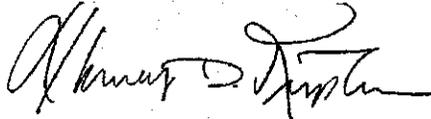
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P.I. No. 752710

OFFICE: Environment/Location

DATE: October 25, 2004



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

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

**SUBJECT: PROJECT CONCEPT REPORT
BHMLB-90003(8) Atlanta Road over Chattahoochee
River Bridge Replacement**

The above subject concept report has been reviewed. Page 6: Coordination states that a USCG Section 10 Permit is required. However, it may not be depending on the results of USCG coordination. Page 5 – level of environmental analysis states “CE 23 with PCN anticipated” this is mixing up NEPA document w/404 permit requirements. May need to justify southern terminus – ending four-lane bridge/roadway at three-lane roadway.

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

HDK/lc

Attachment

cc: David Mulling, Project Review Engineer
Buddy Gratton, P.E., District Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

Project Number: BHMLB-9003(8)
County: Cobb
P.I. Number: 752710
Cobb County Project Number: TR291
Federal Route Number: N/A
State Route Number: N/A

See Page 2 for Project Location & Regional Map

Recommendation for approval:

DATE 10/15/04

DATE 10/15/04

Wick
Project Manager
Buddy
District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Financial Management Administrator

10.25.04

Shirley D. Knight
State Environmental / Location Engineer

DATE _____

DATE _____

State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge & Structural Engineer

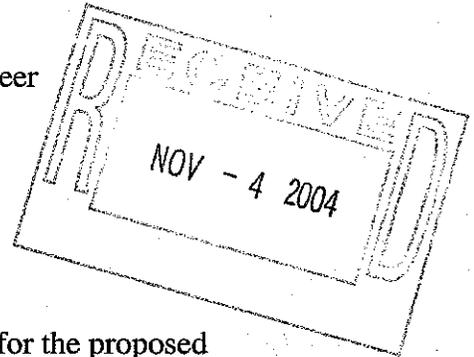
Department of Transportation
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE

File: BHMLB-90003(8), Cobb County
P.I. No. 752710

Office: Traffic Safety & Design
Atlanta, Georgia
Date: November 01, 2004

PMA
From: Phillip M. Allen, State Traffic Safety and Design Engineer
To: Meg Pirkle, Assistant Director of Preconstruction
Subject: Project Concept Report Review



We have reviewed the above referenced concept report for the proposed replacement of the existing bridge on Atlanta Road/Marietta Boulevard over Chattahoochee River on the Fulton-Cobb County line.

The Office of Traffic Safety and Design finds this report satisfactory for approval because it will improve safety and traffic operations within this area.

PMA/SZ/nr

Attachment (signature page)

Cc: Harvey Keeper, State Environment /Location Engineer
Paul Liles, State Bridge Engineer
Buddy Gratton, P.E., District Engineer
Attn.: Mike Lobdell, District Preconstruction Engineer
David Mulling, State Review Engineer, w/ attachment
Joe Palladi, State Transportation Planning Administrator
Jamine Simpson, Financial management Administrator
General Files
Office Files

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

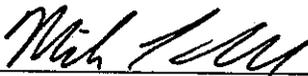
Project Number: BHMLB-9003(8)
County: Cobb
P.I. Number: 752710
Cobb County Project Number: TR291
Federal Route Number: N/A
State Route Number: N/A

See Page 2 for Project Location & Regional Map

Recommendation for approval:

DATE 10/15/04

DATE 10/15/04



Project Manager


District Engineer

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

DATE

State Transportation Planning Administrator

DATE

State Transportation Financial Management Administrator

DATE

State Environmental / Location Engineer

11-3-04
DATE



State Traffic Safety & Design Engineer

DATE

Project Review Engineer

DATE

State Bridge & Structural Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

Project Number: BHMLB-9003(8)
County: Cobb
P.I. Number: 752710
Cobb County Project Number: TR291
Federal Route Number: N/A
State Route Number: N/A

See Page 2 for Project Location & Regional Map

Recommendation for approval:

DATE 10/15/04

Wick / 04
Project Manager

DATE 10/15/04

Buddy [Signature]
District Engineer

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

DATE _____

State Transportation Planning Administrator

10-20-04

DATE _____

James [Signature]
State Transportation Financial Management Administrator

DATE _____

State Environmental / Location Engineer

DATE _____

State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge & Structural Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

Project Number: BHMLB-9003(8)
County: Cobb
P.I. Number: 752710
Cobb County Project Number: TR291
Federal Route Number: N/A
State Route Number: N/A

See Page 2 for Project Location & Regional Map

Recommendation for approval:

DATE 10/15/04

DATE 10/15/04

Mark [Signature]
Project Manager
Brendly [Signature]
District Engineer

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

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

DATE 11/11/04

Paul V. Tullis Jr.
State Bridge & Structural Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

Project Number: BHMLB-9003(8)
County: Cobb
P.I. Number: 752710
Cobb County Project Number: TR291
Federal Route Number: N/A
State Route Number: N/A

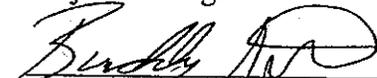
See Page 2 for Project Location & Regional Map

Recommendation for approval:

DATE 10/15/04

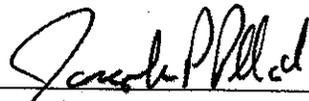

Project Manager

DATE 10/15/04


District Engineer

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

11/11/04
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

DATE

State Bridge & Structural Engineer