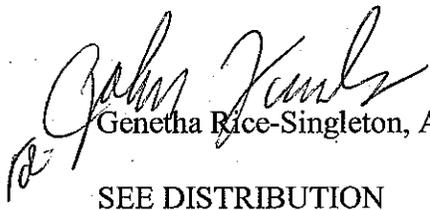


**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0006469, Fulton County **OFFICE** Preconstruction
CSBRG-0006-00(469)
CR 581/Bethsaida Road over
Morning Creek Tributary-Bridge Replacement **DATE** July 17, 2007

FROM  Genetha Rice-Singleton, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT APPROVED PROJECT CONCEPT REPORT

Attached for your files is the approval for subject project.

Attachment

DISTRIBUTION:

Brian Summers
Glenn Bowman
Ken Thompson
Michael Henry
Keith Golden
Mike Lobdell
Angela Alexander
Paul Liles
Bryant Poole
BOARD MEMBER

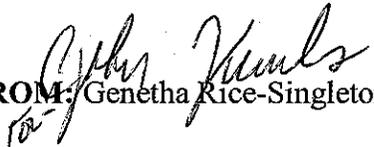
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE: P.I. No. 0006469, Fulton County
CSBRG-0006-00(469)
CR 581/Bethsaida Rd. over Morning Creek Tributary-
Bridge Replacement

OFFICE: Preconstruction

DATE: July 10, 2007


FROM: Genetha Rice-Singleton, Assistant Director of Preconstruction

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

SUBJECT: PROJECT CONCEPT REPORT

This project is the replacement of a structurally deficient bridge on CR 581/Bethsaida Road over Morning Creek Tributary, 3.4 miles east of Union City, Georgia. The existing bridge, constructed in 1952, is load limited with a sufficiency rating of 12. County Road 581 at this location is a rural two lane roadway with 11' lanes and 6' grass shoulders. Traffic is projected to be 5200 VPD and 7000 VPD in the years 2010 and 2030 respectively. The proposed speed design is 55 MPH.

The project proposes to construct a new 60' x 48' concrete bridge over Morning Creek Tributary at the existing bridge site. The approaches will consist of two, 12' lanes with 4' bike lanes, 10' urban shoulders that include 2.5' curb and gutter and a 5' sidewalk. The bridge typical section will consist of two, 12' lanes in each direction with 4' bike lanes and 6' sidewalks. The construction will be staged with two lanes maintained on the existing bridge while a portion of the new bridge of roughly the same dimensions is constructed parallel to the existing bridge. Traffic will be routed on the new structure. The remaining portion of the new bridge will be constructed after the demolition of the existing structure.

Environmental concerns include requiring a COE 404 permit; Categorical Exclusion will be prepared; a Public hearing is not required; Time saving procedures is appropriate.

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>FUNDING</u>	<u>PROG DATE</u>
Construction (includes E&C)	\$ 1,590,000	\$ 548,000	L1C0	2011
Right-of-way & utilities*	Local	Local		

P.I. No. 0006469, Fulton County
July 10, 2007

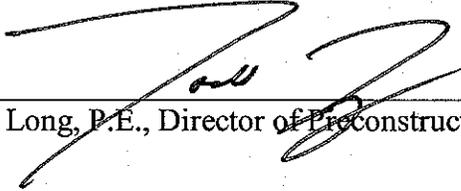
* PFA agreement required Fulton do right-of-way and utilities 8-15-06

I recommend this project concept be approved.

GRS: JDQ

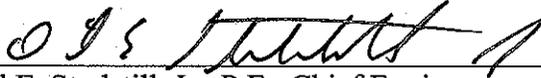
Attachment

CONCUR



Todd I. Long, P.E., Director of Preconstruction

APPROVED



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

PRECONSTRUCTION STATUS REPORT

PROJ ID	COUNTY	DESCRIPTION	MGMT. ROW DATE	SCHED DATE	MGMT. LET DATE
0006469	Fulton	CR 581/BETHSAIDA RD @ MORNING CREEK TRIBUTARY	Jan-08	Oct-10	May-10

CSBRG-0006-00(469) **FIELD DIST: 7**
TIP #: FS-205 **TWIN:** **US:**
MPO: Atlanta TMA **EST DATE: 12/16/05**
MODEL YR: .2020
PROJ MGR: Lobdell, Mike **PROJ LENGTH: 0.40**
PROG: Replacement **TYPE WORK: Bridges**
TYPE:
CONCEPT: **LET RESP: DOT** Congressional Districts: 13

Phase	Approved	Proposed	Cost	Fund	Status
PE	2006	2006	150,000.00	LIC0	AUTHORIZED
ROW	LOCL	LOCL	100,000.00	LOC	PRECST
CST	2010	2011	548,000.00	LIC0	PRECST

SCHED START	SCHED FINISH	ACTIVITY	ACTUAL START	ACT/EST FINISH	PCT	DISTRICT COMMENTS
		Define Project Concept	10/16/06	3/15/07	63	FULTON (11/2/06) ICTM HELD 10/16/06. (5/23/07) CTM HELD 5/15/07. CONCEPT WORK CONTINUES. FIELD SURVEY DUE SOON.
		Concept Meeting	5/15/07	5/15/07	100	
7/6/07	8/9/07	Concept Submittal and Review			0	
8/10/07	8/23/07	Receive Preconstruction Concept Approval			0	
8/23/07	8/23/07	Management Concept Approval Complete			0	
9/14/07	9/14/07	Public Information Open House Held			0	
8/24/07	3/28/08	Environmental Approval			0	
6/21/07	11/26/75	Field Surveys/SDE	2/1/07	6/5/07	100	
6/22/07	11/28/08	Preliminary Plans	6/17/07		6	
11/30/07	5/22/08	Preliminary Bridge Design			0	
8/24/07	9/28/07	Underground Storage Tanks			0	
12/31/07	6/13/08	404 Permit Obtainment			0	
12/22/08	12/23/08	FFPR Inspection			0	
1/28/09	4/21/09	R/W Plans Preparation			0	
6/17/09	6/22/09	R/W Plans Final Approval			0	
1/28/09	1/30/09	L & D Report Development and Approval			0	
6/23/09	8/17/10	R/W Acquisition			0	
11/13/09	11/26/09	Stake R/W			0	
1/28/09	2/6/09	Soil Survey			0	
1/28/09	3/4/09	Bridge Foundation Investigation			0	
2/2/09	1/4/10	Final Design			0	
3/3/09	10/12/09	Final Bridge Plans Preparation			0	
1/26/10	1/27/10	FFPR Inspection			0	
2/10/10	2/23/10	FFPR Response			0	

BIKE PROVISIONS INCLUDED?: N MEASUREMENT E CONSULTANT: N UT EST:

Bridge: BRIDGE REQUIRED
Design: GLF/MC
LGPA: LGPA AGREEMENT REQ FULTON DO ROW & UTILITIES 8-15-06.
Utility: Need plans 05/2004
EMG: BRIDGE REPLACEMENT

R/W INFORMATION:

PREL PARCEL CT: **TOTAL PARCEL CT:** **ACQUIRED BY:** LOC **ACQ MGR:**
UNDER-REVIEW CT: **RELEASED** **OPT-PEND CT:** **DEEDS CT:** **COND-PEND CT:** **COND-FILED CT:**
RW CERT DT: **ACQUIRED CT:** **RELOCATION CT:**

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

District Seven Preconstruction

PROJECT CONCEPT REPORT

Bethsaida Road/CR 581 @ Morning Creek Tributary Bridge Replacement

Project Number: CSBRG-0006-00(469)

County: Fulton

P. I. Number: 0006469

Federal Route Number: N/A

State Route Number: N/A

SEE ATTACH
LOCATION SKETCH

Recommendation for approval:

DATE 6/8/07

Mark T. Miller
Project Manager

DATE 6/8/07

Bruce K. Summer
District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

Office of Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety & Design Engineer

DATE 7/16/07

Bruce K. Summer *REW*
Project Review Engineer

DATE _____

State Bridge Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District Seven Preconstruction

PROJECT CONCEPT REPORT

Bethsaida Road/CR 581 @ Morning Creek Tributary Bridge Replacement

Project Number: CSBRG-0006-00(469)

County: Fulton

P. I. Number: 0006469

Federal Route Number: N/A

State Route Number: N/A

SEE ATTACH
LOCATION SKETCH

Recommendation for approval:

DATE 6/8/07


Project Manager

DATE 6/8/07


District Engineer

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DATE _____

State Transportation Planning Administrator

DATE _____

Office of Financial Management Administrator

DATE _____

State Environmental/Location Engineer

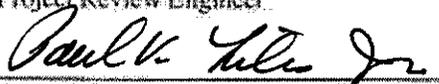
DATE _____

State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DATE 7/2/07


State Bridge Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District Seven Preconstruction

PROJECT CONCEPT REPORT

Bethsaida Road/CR 581 @ Morning Creek Tributary Bridge Replacement

Project Number: CSBRG-0006-00(469)

County: Fulton

P. I. Number: 0006469

Federal Route Number: N/A

State Route Number: N/A

SEE ATTACH
LOCATION SKETCH

Recommendation for approval:

DATE 6/8/07

W. J. Miller

Project Manager

DATE 6/8/07

Ben R. ...

District Engineer

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

DATE 6/18/07

Angela S. Alexander

State Transportation Planning Administrator

DATE _____

Office of Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge Engineer

6-12-07
WB

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District Seven Preconstruction

PROJECT CONCEPT REPORT

Bethsaida Road/CR 581 @ Morning Creek Tributary Bridge Replacement

Project Number: CSBRG-0006-00(469)

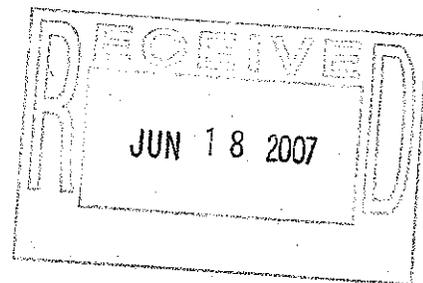
County: Fulton

P. I. Number: 0006469

Federal Route Number: N/A

State Route Number: N/A

SEE ATTACH
LOCATION SKETCH



Recommendation for approval:

DATE 6/8/07

[Signature]
Project Manager

DATE 6/8/07

[Signature]
District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE 6-13-07

[Signature]
Office of Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P.I. No. 0006469 **OFFICE:** Environment/Location
DATE: June 20, 2007
FROM: 
Harvey D. Keeper, State Environmental/Location Engineer
TO: Genetha Rice-Singleton, Assistant Director of Preconstruction
SUBJECT: **PROJECT CONCEPT REPORT**
CSBRG-0006-00(469) / Fulton County
Bethsaida Rd / CR 581 @ Morning Creek Tributary Bridge Replacement

The above subject concept report has been reviewed. Nine (9) months may not be enough time to complete environmental if timing is not right to complete the required seasonal aquatic survey for fish and mussels.

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

HDK/lc

Attachment

cc: Brian Summers
Bryant Poole
Keith Golden
Angela Alexander
Jamie Simpson

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District Seven Preconstruction

PROJECT CONCEPT REPORT

Bethsaida Road/CR 581 @ Morning Creek Tributary Bridge Replacement

Project Number: CSBRG-0006-00(469)

County: Fulton

F. I. Number: 0006469

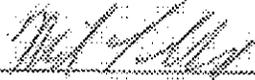
Federal Route Number: N/A

State Route Number: N/A

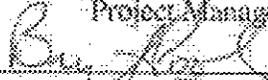
SEE ATTACH
LOCATION SKETCH

Recommendation for approval:

DATE 6/8/07


Project Manager

DATE 6/2/07


District Engineer

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

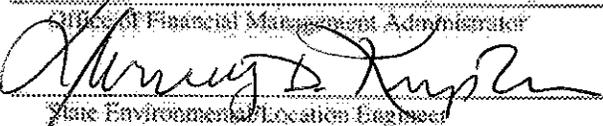
DATE _____

State Transportation Planning Administrator

DATE _____

Chief of Financial Management Administrator

DATE 6.19.07


State Environmental Location Engineer

DATE _____

State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge Engineer

SCORING RESULTS AS PER MOG 2440-2

Project Number: CSBRG-0006-00(469)		County: Fulton		PI No.: 0006469	
Report Date: June 8, 2007		Concept By: DOT Office: District 7			
<input checked="" type="checkbox"/> Concept Stage					
Project Type: Choose One From Each Column		<input type="checkbox"/> Major	<input checked="" type="checkbox"/> Urban	<input type="checkbox"/> ATMS	
		<input checked="" type="checkbox"/> Minor	<input type="checkbox"/> Rural	<input checked="" type="checkbox"/> Bridge Replacement	
				<input type="checkbox"/> Building	
				<input type="checkbox"/> Interchange Reconstruction	
				<input type="checkbox"/> Intersection Improvement	
				<input type="checkbox"/> Interstate	
				<input type="checkbox"/> New Location	
				<input type="checkbox"/> Widening & Reconstruction	
				<input type="checkbox"/> Miscellaneous	
FOCUS AREAS	SCORE	RESULTS			
Presentation	100				
Judgment	100				
Environmental	100				
Right of Way	100				
Utility	100				
Constructability	100				
Schedule	100				

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

District Seven Preconstruction

PROJECT CONCEPT REPORT

Bethsaida Road/CR 581 @ Morning Creek Tributary Bridge Replacement

Project Number: CSBRG-0006-00(469)

County: Fulton

P. I. Number: 0006469

Federal Route Number: N/A

State Route Number: N/A

SEE ATTACH
LOCATION SKETCH

Recommendation for approval:

DATE 6/8/07

[Signature]
Project Manager

DATE 6/8/07

[Signature]
District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

Office of Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge Engineer

Project Concept Report page: 3
Project Number: CSBRG-0006-00(469)
F. I. Number: 0006469
County: Fulton

Need and Purpose: Project CSBRG-0006-00(469) will replace the bridge located on Bethsaida Road/CR 581 at the Morning Creek Tributary 3.4 miles east of the City of Union City in south Fulton County.

The bridge was constructed in 1952 and the sufficiency rating is 12.80. The bridge is on the current Highway Bridge Replacement and Rehabilitation Program (HBRRP) selection list updated by the Bridge Maintenance Office. Based on DOT-MOG-2405-1, a bridge with a sufficiency rating less than 50 and on the current HBRRP selection list is eligible for replacement.

The proposed project is programmed in the DOT's Work Construction Program with construction date for 2010 and recommended in the approved Atlanta's 2030 Regional Transportation Plan (FS-206). The proposed project length is 0.38 miles.

This section of Bethsaida Road/CR 581 is classified as an urban minor arterial, and is on a designated school bus route. The posted speed is 35 mph. The Annual Average Daily Traffic (AADT) along this section of roadway is 5,200 vehicles for 2010 with 2 percent trucks, and the projected traffic would be 7,000 AADT for 2030.

Accidents along Bethsaida Road/CR 581, in the area of the proposed project, for 2002, 2003 and 2004 have not increased. In 2002 there were 5 accidents (0 accidents along the bridge) with no fatalities. In 2003 there were 7 accidents (0 accidents along the bridge) with no fatalities and in 2004 there were 4 accidents (0 accidents along the bridge) and no fatalities. In all three years, accident rates below the statewide average for accident rates. Most of the accidents were classified as "angle" and "not a collision with a motor vehicle".

There are no other projects within the immediate project area that are in the Department's Construction Work Program.

Description of the proposed project: This project is located on Bethsaida Road/CR 581 from MP 2.63 to MP 3.01 in Fulton County and about 3.4 miles east of the City of Union City. It consists of replacing the structurally deficient bridge (Structure ID 121-0294-0) on Bethsaida Road/CR 581 over the Morning Creek Tributary with a new bridge place along the current alignment. The new bridge will be staged in order to maintain traffic along Bethsaida Road/CR 581, because the shortest off-site detour provides an undesirable travel delay time for both school busses and emergency response vehicles that would have to travel the detour. The proposed length of the project is approximately 0.38 miles.

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

This project is air quality exempt because it does not increase capacity.

PDP Classification: Major Minor

Project Concept Report page: 4
Project Number: CSBRG-0006-00(469)
P. I. Number: 0006469
County: Fulton

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

Functional Classification: Urban Minor Arterial

U. S. Route Number(s): N/A

County Route Number(s): 581

Traffic (AADT):

Current Year: 5,200 (2010)

Design Year: 7,000 (2030)

Existing design features:

- Typical Section: Bethsaida Road/CR 581 consists of two 11' lanes (one in each direction) with 6' rural shoulders.
- Posted speed: 35mph Minimum radius for curve: 340 ft.
- Maximum super-elevation rate for curve: 6%
- Maximum grade: 6%
- Width of right of way: Approximately 60 ft.
- Major structures: Bridge 121-0294-0 over Morning Creek Tributary, Length = 60', Width = 24.4', Sufficiency Rating = 12.80
- Major interchanges or intersections along the project: None
- Existing length of roadway segment: 0.38 miles

Proposed Design Features:

- Proposed typical section(s): The proposed roadway will consist of two 12-foot wide lanes (one in each direction) with 10' urban shoulders that includes 2.5' curb & gutter and a 5' sidewalk while the new bridge will consist of two 12-foot wide lanes (one in each direction) with 4-foot bike lanes and 6-foot sidewalks.
- Proposed Design Speed Mainline: 35 mph
- Proposed Maximum grade Mainline: 6% Maximum grade allowable: 8%
- Proposed Maximum grade driveway: 20%
- Proposed Minimum radius for curve: 1000 ft Minimum radius allowable: 340 ft.
- Proposed Maximum super-elevation rate for curve: 6%
- Right of way
 - Width 60
 - Easements: Temporary (), Permanent (X), Utility (), Other ()
 - Type of access control: Full (), Partial (), By Permit (X), Other ()
 - Number of parcels: 4 Number of displacements:
 - Business: 0
 - Residences: 0
 - Mobile homes: 0
 - Other: 0

Project Concept Report page: 5
 Project Number: CSBRG-0006-00(469)
 P. I. Number: 0006469
 County: Fulton

- Structures:

Bridges: A new bridge over the Morning Creek Tributary, Length = 60', Width = 48'.
 The bridge will be a one span bridge with pre-stressed/post-tensioned concrete beams on concrete end bents.

- Major intersections and interchanges: None

- Traffic control during construction: Traffic will be maintained throughout the project by use of stage construction

- Design Exceptions to controlling criteria anticipated:

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

- Design Variances: None Anticipated

- Environmental concerns: None Anticipated

- Level of environmental analysis:

- Are Time Savings Procedures appropriate? Yes (X), No ()
- Categorical exclusion (X)
- Environmental Assessment/Finding of No Significant Impact (FONSI) ()
- Environmental Impact Statement (EIS) ()

- Utility involvements:

- Atlanta Gas Light
- Fulton County Water & Sewer
- Georgia Power
- AT&T Telecommunication
- Comcast Cable

Project Concept Report page: 6
Project Number: CSBRG-0006-00(469)
P. I. Number: 0006469
County: Fulton

Project responsibilities:

- Design: GDOT
- Right of Way Acquisition: Fulton County ✓
- Relocation of Utilities: Fulton County
- Letting to contract: GDOT ✓
- Supervision of construction: GDOT
- Providing material pits: Contractor
- Providing detours: N/A

Coordination

- Initial Concept Meeting date and brief summary: October 16, 2006
- Concept meeting date and brief summary: May 15, 2007
- P. A. R. meetings, dates and results: N/A
- FEMA, USCG, and/or TVA: N/A
- Public involvement: TBD
- Local government comments: None
- Other projects in the area: None
- Other coordination to date: N/A
- Railroads: N/A
- **VE: No.**

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process: 9 Months.
- Time to complete preliminary construction plans: 6 Months.
- Time to complete right of way plans: 2 Months.
- Time to complete the Section 404 Permit: 0 Months.
- Time to complete final construction plans: 4 Months.
- Time to complete to purchase right of way: 12 Months.

Other alternates considered:

- No build.
- In place replacement with using an off-site detour. This alternative was not considered due to the project's proximity to a local fire station and schools.

Comments: None to Date.

Project Concept Report page 7
Project Number: CSBRG-0006-00(469)
P. I. Number: 0006469
County: Fulton

Attachments:

1. Cost Estimates:
 - a. Construction including E&C,
 - b. Right of Way, and
 - c. Utilities.
2. Typical sections,
3. Bridge Inventory,
4. Minutes of Initial Concept and Concept meetings,
5. Location and Design Notice

Estimate Report for file "CSBRG-0006-00(469)"

Section ROADWAY					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	200000.00	TRAFFIC CONTROL - CSBRG-0006-00(469)	200000.00
167-1000	2	EA	1363.64	WATER QUALITY MONITORING AND SAMPLING	2727.28
167-1500	12	MO	1047.62	WATER QUALITY INSPECTIONS	12571.44
210-0100	1	LS	200000.00	GRADING COMPLETE - CSBRG-0006-00(469)	200000.00
310-1101	1518	TN	17.72	GR AGGR BASE CRS, INCL MATL	26898.96
402-1812	250	TN	90.00	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	22500.00
402-3112	363	TN	90.00	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	32670.00
402-3130	549	TN	90.00	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	49410.00
402-3143	605	TN	90.00	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL	54450.00
413-1000	94	GL	2.07	BITUM TACK COAT	194.58
433-1200	107	SY	180.97	REINF CONC APPROACH SLAB, INCL SLOPED EDGE	19363.79
441-0104	3445	SY	39.88	CONC SIDEWALK, 4 IN	137386.60
441-6022	3100	LF	19.37	CONC CURB & GUTTER, 6 IN X 30 IN, TP 2	60047.00
446-1100	600	LF	5.28	PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH	3168.00
550-1180	400	LF	42.82	STORM DRAIN PIPE, 18 IN, H 1-10	17128.00
550-4218	4	EA	688.02	FLARED END SECTION 18 IN, STORM DRAIN	2752.08
603-2024	300	SY	51.41	STN DUMPED RIP RAP, TP 1, 24 IN	15423.00
603-7000	300	SY	4.98	PLASTIC FILTER FABRIC	1494.00
634-1200	4	EA	104.65	RIGHT OF WAY MARKERS	418.60
641-1100	50	LF	53.72	GUARDRAIL, TP T	2686.00
641-1200	300	LF	18.49	GUARDRAIL, TP W	5547.00
641-5001	2	EA	648.84	GUARDRAIL ANCHORAGE, TP 1	1297.68
641-5012	2	EA	1829.52	GUARDRAIL ANCHORAGE, TP 12	3659.04
668-1100	8	EA	2891.31	CATCH BASIN, GP 1	23130.48
Section Sub Total:					\$894,923.53

Section EROSION CONTROL					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	1	AC	564.57	TEMPORARY GRASSING	564.57
163-0240	100	TN	178.21	MULCH	17821.00
163-0300	2	EA	2571.07	CONSTRUCTION EXIT	5142.14
163-0521	8	EA	214.41	CONSTRUCT AND REMOVE TEMPORARY DITCH CHECKS	1715.28
165-0030	1400	LF	1.74	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	2436.00
165-0040	8	EA	82.07	MAINTENANCE OF EROSION CONTROL CHECKDAMS/DITCH CHECKS	656.56
165-0101	2	EA	677.10	MAINTENANCE OF CONSTRUCTION EXIT	1354.20
171-0030	2800	LF	4.06	TEMPORARY SILT FENCE, TYPE C	11368.00
700-6910	2	AC	971.51	PERMANENT GRASSING	1943.02
700-7000	3	TN	60.28	AGRICULTURAL LIME	180.84
700-7010	3	GL	19.81	LIQUID LIME	59.43
700-8000	1	TN	348.95	FERTILIZER MIXED GRADE	348.95
700-8100	42	LB	2.15	FERTILIZER NITROGEN CONTENT	90.30
Section Sub Total:					\$43,680.29

Project Concept Report page: 9
 Project Number: CSBRG-0006-00(469)
 P. I. Number: 0006469
 County: Fulton

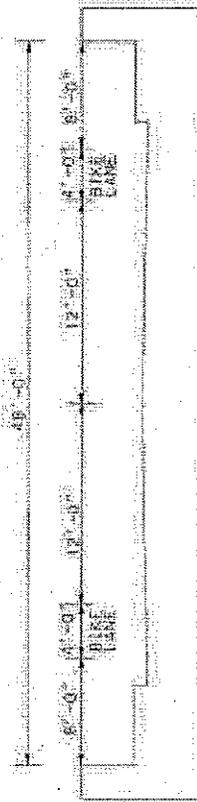
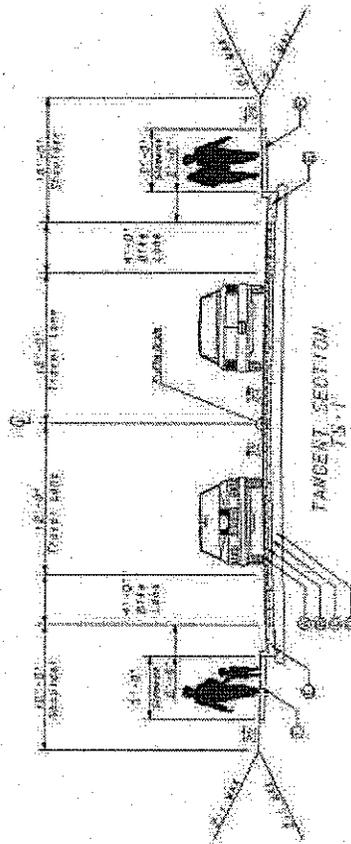
Section SIGNING & MARKING					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1033	54	SF	19.27	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	1040.58
636-2070	90	LF	8.29	GALV STEEL POSTS, TP 7	746.10
653-1501	3100	LF	0.60	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	1860.00
653-1502	3100	LF	0.61	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	1891.00
654-1001	86	EA	3.63	RAISED PVMT MARKERS TP 1	312.18
657-1054	100	LF	4.66	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, WHITE, TP PB	466.00
657-6054	100	LF	4.41	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, YELLOW, TP PB	441.00
Section Sub Total:					\$6,756.86

Section BRIDGE					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
540-1101	1	LS	140400.00	REMOVAL OF EXISTING BR, STA NO -	140400.00
999-9999	1	Lump Sum	358800.00	LUMP SUM BRIDGE @ \$115/SF	358800.00
Section Sub Total:					\$499,200.00

Total Estimated Cost: \$1,444,560.68

Subtotal Construction Cost	\$1,444,560.68
E&C Rate 10.0 %	\$144,456.07
Inflation Rate 0.0 % @ 0.0 Years	\$0.00
Total Construction Cost	\$1,589,016.75
Right Of Way	\$0.00
ReImb. Utilities	\$0.00
Grand Total Project Cost	\$1,589,016.75

PROPOSED TYPICAL SECTION
 FOR BRIDGE OVER THE MORNING CREEK TRIBUTARY
 CROSSING 0008-0004-0004-01 - FULTON COUNTY



Attachment 3

Bridge Inventory Data Listing

Georgia Department of Transportation

SHEET RAVING: 12.80

Structure ID: 121-0394-0

Fulton

Location & Geography

Structure ID: 121-0394-0
 200 Bridge Information:
 *6A Feature Int: MORNING CREEK TRID
 *6B Critical Bridge: CR00391
 *7A Route Number Carried: BETHLEHEM ROAD
 *7B Facility Carried: 3.4 MI E OF UNION CITY
 *9 Location: 2007
 2 DGT District: 12 Date: 2/21/2007
 307 Year Pass: 00 Date: 2/1/1901
 *91 Inspection Frequency: 00 Date: 2/1/1901
 *92A Erect Cr. Insp. Freq: 00 Date: 2/1/1901
 *92B Underwater Insp Freq: 00 Date: 2/1/1901
 *92C Other Spec. Insp Freq: 00000
 *4 Phase Code: 1
 *5 Inventory Route (GUL): 4
 Type: 1
 Designation: 09104
 Number: 33 - 33.6140 FMMS Prefix: 00
 Direction: 84 - 36120 FMMS Suffix: 000
 *16 Latitude: MP 0.00
 *17 Longitude: 000 % Shared: 00
 98 Boulder Bridges: 0000000000000000
 99 ID Number: 0
 *100 STRAHNET: 1
 12 Base Highway Network: 1210581000
 13 AARS Inventory Route: 0
 13B Sub Inventory Route: N
 101 Parallel Structure: 2
 *103 Direction of Traffic: 002.83
 *264 Road Inventory Mile Post: 49
 *208 Inspection Area: sign
 Engineer's Initial: (21-09104M-000)34E

*104 Highway System: 0
 *26 Functional Classification: 16
 *204 Federal Route Type: M No. 09104
 *105 Federal Lands Highway: 0
 *110 Truck Route: 0
 *206 School Bus Route: 1
 *217 Benchmark Elevation: 0000.00
 *218 Datum: 0
 *19 Bypass Length: 02
 *20 Toll: 3
 *21 Maintenance: 02
 *22 Owner: 02
 *21 Design Load: 0
 *37 Historical Significance: 5
 *205 Congressional District: 13
 *27 Year Constructed: 1952
 *106 Year Reconstructed: 0000
 *33 Bridge Median: 0
 *34 Slew: 00
 *35 Structure Flared: 0
 *36 Navigation Control: 0
 *213 Special Steel Design: 0
 *267 Type of Paint: 0
 *42 Type of Service on: 1
 Type of Service under: 3
 *214 Movable Bridge: C.K.O.O
 *203 Type Bridge: 3
 *259 Pile Encasement: 1 01
 *43 Structure Type Main: 002
 *45 No. Spans Main: 0 00
 *44 Structure Type Appr: 0000
 *46 No. Spans Appr: 0
 *220 Bridge Curve Horiz: 0
 *111 Pier Protection: 0
 *107 Deck Structure Type: 2
 *108 Wearing Surface Type: 5
 Membrane Type: 0
 Deck Protection: 0

Signs & Attachments
 *235 Expansion Joint Type: 02
 *242 Deck Drains: 1
 *243 Ramp Location: 0.00
 Height: 0.00
 Width: 0.4
 *238 Curb Height: 1
 Club Material: 2.2
 *239 Handrail: 0
 *240 Median Barrier Ref: 0
 *231 Bridge Median Height: 0.0
 * Bridge Median Width: 0.0
 *230 Curbside Loc. Dir. Rear: 0
 Fwd: 0
 Opto. Dir. Rear: 0
 Oppo. Fwd: 0
 *244 Approach Slab: 0
 *224 Retaining Wall: 0
 *233 Posted Speed Limit: 35
 *256 Warning Sign: 0
 *234 Delimitor: 0
 *235 Hazard Boards: 1
 *237 Utilities - Gas: 32
 Water: 31
 Electric: 00
 Telephone: 32
 Sewer: 00
 *247 Lighting - Street: 0
 Navigation: 0
 Aerial: 0
 *248 County Constituency No.: 00

Structure ID: 121-0294-0

Programming Data

201 Project No.: UNBNDOWN
202 Plans Available: 0
240 Prep. Proj. No.: CSBRG-0106-00 (469)
250 Approval Status: 0.0.0.0
251 P. No.: 0008469
252 Contract Date: 2/1/1991
260 Economic No.: 00000
25 Type Work: 11.1
94 Bridge Imp. Cost: \$96
95 Roadway Imp. Cost: \$59
96 Total Imp. Cost: \$180
76 Imp. Length: 000271
97 Imp. Years: 1990
11 Abutment ADT: 007575 Year: 2025

Hydraulic Data

215 Waterway Data:
Highwater Elev.: 0000.0 Year: 1900
Flood Elevation: 0000.0 Freq: 00
Avg. Streambed Elev.: 0000.0
Bramage Area: 000000
Area of Opening: 0
13 Scour Critical: 0
216 Water Depth: 0
215 Slope Protection: 0
219 Pender System: 0
220 Dolphin: 0
223 Culvert Cover:
Type: 0
No. Barrels: 0
Width: 0.00 Height: 0.00
Length: 0
Approach: 0
265 Driv. Insp. Area: 0
Location ID No.: 121-0104M-000-318

Measurements

*29 ADT: 0
109# Tracks: 0
*28 Lanes On: 0
210# Tracks On: 0
*48 Max. Span Length: 0
*49 Structure Length: 0
51 Br. Rwy. Width: 23.70
52 Deck Width: 24.40
*47 Tot. Horiz. Cl.: 23.70
50 Corb. Sidewalk Width: 0.507
52 Approach Rwy. Width: 0.20
*22# Rubber Width: 5.0 Type: 8 R: 5.0
Rear Lt.: 7.0 Type: 5 R: 5.0
Pavement Width: 20.0 Type: 2
Rear: 20.0 Type: 2
Intersection Rear: 1 Fwd: 0
Transition: 0
App. G. Rail: 0
App. Rail End: 0
53 Minimum Cl. Over: 99.99
Under: N 03.00
*22# Minimum Vertical Cl: 99.99
Act. Qdm. Dir: 99.99
Oppo. Dir: 99.99
Paved Chn. Dir: 00.00
Oppo. Dir: 00.00
55 Lateral Underl. Rr: N 99.0
56 Lateral Underl. Lr: 0
*10 Max Min Vert Cl: 99.99 * Dsr: 0
39 New Vert Cl: 000 Horiz: 0000
116# Vert Cl Class: 000
245 Deck Thickness Maint: 4.00
Deck Thick. Approach: 0.00
216 Overlay Thickness: 4.00
212 Year Last Paved: Supp: 0000 Slab: 0000

008650 Year: 2005

0
02 Under: 00
00 Under: 00
0050
60
23.70
24.40
23.70
0.507
0.20
5.0 Type: 8 R: 5.0
7.0 Type: 5 R: 5.0
20.0 Type: 2
20.0 Type: 2
1 Fwd: 0
0
0
0
99.99
N 03.00
99.99
99.99
00.00
00.00
N 99.0
0
99.99 * Dsr: 0
000 Horiz: 0000
000
4.00
0.00
4.00
Supp: 0000 Slab: 0000

Ratings

65 Inventory Rating Method: 2
63 Operating Rating Method: 2
66 Inventory Type: 2 Rating: 13
64 Operating Type: 2 Rating: 18
23 Calculated Leads
H-Modified: 08.1
HS-Modified: 13.1
Type 3: 10.1
Type 3s2: 20.1
Timber: 15.1
00.0
00.0
261 H Inventory Rating: 11
262 H Operating Rating: 2
67 Structural Evaluation: 6
58 Deck Condition: 6
59 Superstructure Condition: 6
*227 Collision Damage: 0
60A Substructure Condition: 3
60B Scour Condition: 6
60C Underwater Condition: N
71 Waterway Adequacy: 8
61 Channel Protection Cont: 7
68 Deck Geometry: 2
69 Under-Cr. Horiz/Wart: N
72 Appr. Alignment: 8
73 Culvert: N
Posting Data
70 Bridge Posting Required: 4
41 Signet Open, Posted, CL: P
*103 Temporary Structure: 0
232 Posted Leads
H-Modified: 08
HS-Modified: 13
Type 3: 10
Type 3s2: 20
Timber: 15
00
252 Notification Date: 2/1/1991
258 Post Notify Date: 2/1/1991

Minutes of Initial Concept Team Meeting
Bethsaida Rd @ Morning Creek Tributary
CSBRG-0006-00(469)
P.I. No. 0006469
Fulton County

The meeting was held on October 16, 2006 in the Pre-Construction conference room of the Georgia Department of Transportation District 7 at 11 am.

In attendance:

Mae Cranford	GDOT	404-463-4947	mac.cranford@dot.state.ga.us
Gerald Ford	GDOT	404-463-4947	gerald.ford@dot.state.ga.us
David Robbins	GDOT	404-463-4947	davidm.robbins@dot.state.ga.us
Scott Lee	GDOT	404-463-4947	scott.lee@dot.state.ga.us
Mike Lobdell	GDOT	404-463-4947	mike.lobdell@dot.state.ga.us
Michael Lankford	GDOT	404-559-6699	michael.lankford@dot.state.ga.us
Yulonda Pride-Foster	GDOT	404-463-4953	yulonda.pride-foster@dot.state.ga.us
Alex Laffey	GDOT	404-463-4968	alex.laffey@dot.state.ga.us

Mac Cranford opened the meeting and discussed the project.

Mr. Cranford mentioned that the typical section will stay a 2-lane rural roadway with improvements to the lane and shoulder widths.

Mrs. Yulonda Pride-Foster mentioned that Bellsouth has fiber optic line and that Atlanta Gas Light has a 4" gas line on the bridge.

Mr. Cranford discussed closing Bethsaida Rd and using an off-site detour. Mr. Lobdell and Mr. Lankford agreed that closing the road would benefit both the schedule and the project's budget. Mr. Lobdell expressed concern about fire response times, school bus routes, & bike routes.

Mr. Lankford mentioned to add a pay item to the cost estimate for removal of the existing bridge.

Concept Meeting Minutes
Project No. CSBRG-0006-00(149)
P.I. No. 0006469
CR 581/Bethsaida Rd @ Morning Creek Tributary

The meeting was held in District 7 Conference Room 144 at 10:00 a.m. on May 15, 2007.
Those in attendance were:

Mac Cranford	GDOT	770-986-1097	mac.cranford@dot.state.ga.us
Jason Brown	AGL	404-584-4184	jasbrown@aglresources.com
David Robbins	GDOT	770-986-1098	davidm.robbins@dot.state.ga.us
Antonio Valenzuela	Fulton County	404-672-0520	antonio.valenzuela@fultoncountyga.gov
Scott Lee	GDOT	770-986-1261	scott.lee@dot.state.ga.us
Mike Lobdell	GDOT	770-986-1257	mike.lobdell@dot.state.ga.us
Yulonda Pride Foster	GDOT	770-986-1117	yulonda.pride-foster@dot.state.ga.us
Richard Stanley	GDOT	404-326-5340	richard.stanley@dot.state.ga.us
Abul Howlader	Fulton County	404-612-7537	abul.howlader@fultoncountyga.gov
Doug Abrams	Comcast	770-559-6637	doug_abrams@cable.comcast.com
Gerald Ford	GDOT	770-986-1115	gerald.ford@dot.state.ga.us

Mac Cranford opened the meeting and explained that the project is an off-system bridge replacement on CR 581 over Morning Creek Tributary. The existing bridge is two lanes, no sidewalks, with a 12 inch water line, 4 inch gas line, and telephone line attached. The existing bridge is supported by timbers and has a sufficiency rating of 12.8. CR 581 in this area is not on a bike trail but is on a school bus route and currently carries approximately 5000 vehicles per day with a LOS of "C".

Yulonda Pride Foster asked Jason Brown if they intended to attach the gas line to the new bridge. Mr. Brown indicated that it had not been decided whether to connect to the new bridge or bore under the creek. The decision will be made after they have the opportunity to see preliminary plans. Mike Lobdell stated that GDOT would try to leave the overhead utility lines in place which are on the south side of the bridge.

After much discussion with Antonio Valenzuela with Fulton County, it was decided to stage construction on the bridge instead of using a detour. The bridge will be widened to include bike lanes, gutter, and a 6' sidewalk on each side. This will make the bridge 48' wide. The shoulders leading to the bridge will be 10' rural shoulders. Antonio indicated that the county would not have a problem with any additional right-of-way that this widening may require.

NOTICE OF LOCATION AND DESIGN APPROVAL

Project No. CSBRG-0006-00(469), Fulton County
P.L. No. 0006469

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 17, 2007

The project is located entirely within Fulton County, in Land District 13, Land Lots 161 and 192. The project is also 100 percent within Congressional District 13.

This project is a 0.38-mile bridge replacement project that will replace the existing bridge (Structure ID 121-0294-0) over Morning Creek Tributary on CR 581/Bethsaida Rd. The project extends approximately 500 feet in both directions from the existing bridge. A minor amount of additional right-of-way and permanent and temporary construction easements will be required to complete the project, but no displacements anticipated.

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.

Ernay Robinson, District 7 Area 3 Engineer
Georgia Department of Transportation
District Seven Area Three Office
940 Virginia Avenue
Hapeville, Georgia 30354
Telephone: 404-559-6655
Facsimile: 404-299-4387
ernay.robinson@dot.state.ga.us

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 7 Preconstruction Engineer
Georgia Department of Transportation
District Seven Office
5025 New Peachtree Road
Chamblee, Georgia 30341
Telephone: 770-986-1257
Facsimile: 770-986-1406
mike.lobdell@dot.state.ga.us

Any written request or communication in reference to this project or notice should include the Project and Project Identification Numbers as noted at the top of this notice.