

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** P. I. No. 770933-, Fulton County      **OFFICE** Preconstruction  
CM000-00SW-00(004)  
SR 140/Holcombe Bridge Road Sidewalks

**DATE** June 1, 2009

**FROM**  Genetha Rice-Singleton, Assistant Director of Preconstruction

**TO**  SEE DISTRIBUTION

**SUBJECT** APPROVED REVISED PROJECT CONCEPT REPORT

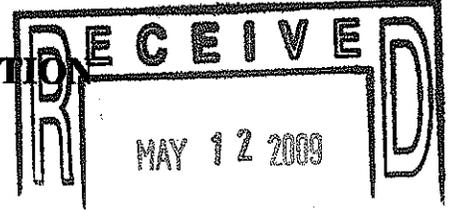
Attached for your files is the approval for subject project.

Attachment

**DISTRIBUTION:**

Ron Wishon  
Glenn Bowman  
Ken Thompson  
Michael Henry  
Keith Golden  
Rachel Brown  
Paul Liles  
Mike Lobdell  
Scott Lee  
BOARD MEMBER

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA



INTERDEPARTMENT CORRESPONDENCE

**FILE:** CM000-00SW-00(004), Fulton County  
P.I. Number 770933  
Holcomb Bridge Road from Old Holcombe Bridge Rd to east of S.R. 400

**OFFICE:** District 7/Chamblee/Metro

**DATE:** May 8, 2009  
*M.A. Brown*

**FROM:** Rachel Brown, District Seven Engineer

**TO:** Genetha Rice-Singleton, Assistant Director of Preconstruction

**SUBJECT:** Revised Project Concept Report

Attached is the original copy of the Revised Concept Report for your further handling for approval in accordance with the Plan Development Process (PDP).

The typical section for this project would remain the same as described in the approved concept report, but with the following exceptions: The median and lane widths will be reduced to accommodate sidewalks on both sides of SR 140/Holcomb Bridge Road from station 16+00 to station 25+30. The existing raised 20-foot-wide median on the bridge will be reduced to 14 feet. The existing six 12-foot-wide travel lanes will be reduced to 11 feet each. The existing 96-foot bridge width will be retained, placing 6-foot sidewalks adjacent to a reconstructed side barrier. The existing side barrier, including handrail, will be reconstructed to maintain the required height of 3 ft – 6 in. The proposed bridge section change plus tapers, impact the roadway section from station 16+00 to 25+30. The proposed improvements will provide pedestrian access along both sides of SR 140 from Old Holcomb Bridge Road to Dogwood Road station without widening the existing bridge. The revised concept will not change the project termini, alignment, right-of-way limits, access control, or controlling criteria.

The revised 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 *5/11/09*

*Angela J. Alexander*  
State Transportation Planning Administrator

cc: Ron Wishon, State Project Review Engineer  
Glenn S. Bowman, State Environment/Location Engineer  
Keith Golden, State Traffic Safety and Design Engineer  
Angela Alexander, State Transportation Planning Administrator  
Angela Whitworth, State Transportation Financial Management Administrator  
Paul Liles, State Bridge Design Engineer

## REVISED PROJECT CONCEPT REPORT

**Need and Purpose:** The purpose of this project is to mitigate congestion by reducing vehicle trips and providing linkage to MARTA. The proposed project will improve pedestrian traffic along Holcomb Bridge Road by providing safe pedestrian and bicycle access for MARTA riders and others in the area to the Chattahoochee River and adjoining recreational facilities. The project will also provide access to the numerous commercial enterprises along Holcomb Bridge Road.

**Project Location:** Holcomb Bridge Sidewalks, project no. CM000-00SW-00-(004), Fulton County, P.I. 770933 consists of adding 5-foot sidewalks, along both sides of Holcomb Bridge Road between Old Holcomb Bridge Road and the SB entrance and exit ramps to GA SR 400.

Approximate Sidewalk Length = 4,514 feet  
Roadway Length = 2,597 feet = 0.49 miles

Total Project Length: 0.49 miles

**Description of the approved concept:** The original concept report was approved on December 12, 2000. The original scope of work included sidewalk construction from SR 400 to Old Holcomb Bridge Way. Proposed improvements also included a symmetrical bridge widening to accommodate 6-foot-wide sidewalks on both sides of SR 140 over Big Creek. Due to cost constraints, the City of Roswell first revised the Concept report in April 2007. The description of the approved 2007 revision is given in following two paragraphs.

The typical section for this project would remain the same as described in the concept report, but with the following exceptions: Instead of construction 5-foot sidewalks on both sides of the Holcomb Bridge Road from Old Holcomb Bridge Road to Dogwood Road, only one 5-foot sidewalk would be constructed on the south side of Holcomb Bridge Road from Old Holcomb Bridge Road to Dogwood Road. This scope revision would only require widening the bridge over Big Creek on the south side of the roadway, instead of both sides. At least 70% of the construction cost associated with this project is related to bridge improvements, so any reduction in the scope of the bridge improvements equates to significant reduction in project construction cost.

As an alternative for walking along the north side of Holcomb Bridge Road, pedestrians would be redirected to take a parallel route on existing sidewalks along Old Holcomb Bridge Road and Dogwood Road, see attached drawing. The parallel route along Old Holcomb Bridge Road/Dogwood Road is approximately 2400 feet long, or twice the direct route along the north side of Holcomb Bridge Road, which is approximately 1200 feet long. Under this revised concept, pedestrians would also have the option of crossing Holcomb Bridge Road within the crosswalks at the intersections of Old Holcomb Bridge Road or Dogwood Road and crossing Big Creek on the south side of the roadway.

**PDP Classification:** Major \_\_\_\_\_ Minor  X

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

**Functional Classification:** Principal Arterial

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

**State Route Number(s):** SR 141

**Traffic (AADT) as shown in the approved concept:**

Current Year: 73,250 (1998)

Design Year: 92,087 (2021)

**Proposed features to be revised:**

**Approved Typical Section:** Revised typical section (station 16+00 to station 25+30). The typical section as approved consists of six 12-foot-wide travel lanes with a 20-foot-wide raised median. The bridge over Big Creek would be widened on the south side to accommodate a 6-foot-wide sidewalk. As currently approved, the project would restrict pedestrian access to the south side of SR 140/Holcomb Bridge Road from Old Holcomb Bridge Road to Dogwood Road station 14+50 to station 25+00. Pedestrian traffic on the north side of SR 140 over Big Creek is required to use an alternative pedestrian route along Old Holcomb Bridge Road and Dogwood Road. This alternative route has been available since 2003, however pedestrian traffic predominantly uses the existing bridge on SR 140.

**Describe the revised feature to be approved:**

**Revised Typical Section:** As shown on the proposed typical section, the median and lane widths will be reduced to accommodate sidewalks on both sides of SR 140/Holcomb Bridge Road from station 16+00 to station 25+30. The existing raised 20-foot-wide median on the bridge will be reduced to 14 feet. The existing six 12-foot-wide travel lanes will be reduced to 11 feet each. The existing 96-foot bridge width will be retained, placing 6-foot sidewalks adjacent to a reconstructed side barrier. The existing side barrier, including handrail, will be reconstructed to maintain the required height of 3 ft – 6 in. The proposed bridge section change plus tapers, impact the roadway section from station 16+00 to 25+30. The proposed improvements will provide pedestrian access along both sides of SR 140 from Old Holcomb Bridge Road to Dogwood Road station without widening the existing bridge. The revised concept will not change the project termini, alignment, right-of-way limits, access control, or controlling criteria.

**Updated traffic data (AADT):**

Current Year: 72,120 (2006)

Design Year: 81,290 (2030)

**Programmed/Schedule:** The scheduled letting for construction is August 2009 (FY2010). The right-of-way phase is currently complete.

**VE Study Required:** Yes ( ) No (X)

**Revised cost estimate:** See attachment

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

This project does not propose to add capacity; therefore it conforms to the Regional Transportation Plan.

**Recommendation:** The District 7 Office of Preconstruction recommends that the revision to the concept for this project be approved.

Attachments:  
Revised Cost Estimate  
Location Sketch  
Typical Sections

Concur: *Vereth Rice-Sykes* <sup>mailed</sup>  
Director of Preconstruction

Approve: *Dee M. Rice*  
Chief Engineer

Project Number: CM000-00SW-00(004)

PI No: 770933

County: FULTON

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Construction Cost (Base)	\$707,561.02
Construction Engineering and Inspection (Local Let)	\$0.00
Construction Contingency (3% from CST Cont. sheet)	\$21,226.83
Total Fuel Adjustment (From worksheet)	\$20,859.57
<b>TOTAL CONSTRUCTION COST</b>	<b>\$749,647.42</b>

Utility Costs (Reimbursable)	\$0.00
Utility Contingency (30% Reimbursable)	\$0.00
<b>TOTAL UTILITY COST</b>	<b>\$0.00</b>

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<b>TOTAL ROW COST</b>	<b>\$0.00</b>
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<b>GRAND TOTAL PROJECT COST</b>	<b>\$749,647.42</b>
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**Adjustment Summary From work sheet**

Diesel Price Adjustment	\$6,625.93
Unleaded Price Adjustment	\$1,451.03
AC Price Adjustment BT	\$1,960.47
AC Price Adjustment 400/402	\$10,822.14
<b>Total Fuel Adjustment</b>	<b>\$20,859.57</b>

### Estimate Report for file "770933\_ROSWELL(FFPR)\_2007-07-10\_2009-03-23"

<b>Section ROADWAY</b>					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	44000.00	TRAFFIC CONTROL - CM-00SW(4)	44000.00
210-0100	1	LS	50000.00	GRADING COMPLETE - CM-00SW(4)	50000.00
310-5120	1168	SY	22.76	GR AGGR BASE CRS, 12 INCH, INCL MATL	26583.68
402-3121	256	TN	60.11	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	15388.16
402-3130	57	TN	64.00	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	3648.00
402-3190	128	TN	68.26	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	8737.28
413-1000	930	GL	2.15	BITUM TACK COAT	1999.50
432-5010	150	SY	1.24	MILL ASPH CONC PVMT, VARIABLE DEPTH	186.00
441-0104	2286	SY	34.66	CONC SIDEWALK, 4 IN	79232.76
441-0754	468	SY	62.93	CONCRETE MEDIAN, 7 1/2 IN	29451.24
441-5002	110	LF	12.82	CONCRETE HEADER CURB, 6 IN, TP 2	1410.20
441-5008	460	LF	18.74	CONCRETE HEADER CURB, 6 IN, TP 7	8620.40
441-5057	640	LF	15.60	CONC DOWELED INTEGRAL CURB, TP 7, INCL DOWELS	9984.00
441-6216	956	LF	12.32	CONC CURB & GUTTER, 8 IN X 24 IN, TP 2	11777.92
444-1000	640	LF	2.71	SAWED JOINTS IN EXIST PAVEMENTS - PCC	1734.40
500-3201	114	CY	554.30	CLASS B CONCRETE, RETAINING WALL	63190.20
550-1180	32	LF	38.29	STORM DRAIN PIPE, 18 IN, H 1-10	1225.28
611-4001	1	EA	2495.26	RECONSTR MINOR DRAINAGE STR	2495.26
634-1200	24	EA	96.88	RIGHT OF WAY MARKERS	2325.12
641-1100	75	LF	52.30	GUARDRAIL, TP T	3922.50
641-1200	825	LF	18.14	GUARDRAIL, TP W	14965.50
641-5001	2	EA	675.50	GUARDRAIL ANCHORAGE, TP 1	1351.00
641-5012	2	EA	1864.63	GUARDRAIL ANCHORAGE, TP 12	3729.26
668-1100	4	EA	2499.45	CATCH BASIN, GP 1	9997.80
<b>Section Sub Total:</b>					<b>\$395,955.46</b>

<b>Section UTILITY ITEMS</b>					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
610-6575	1	EA	0.00	REM HYDRANT	0.00
611-8010	2	EA	1755.00	ADJUST HYDRANT TO GRADE	3510.00
611-8050	3	EA	1088.90	ADJUST MANHOLE TO GRADE	3266.70
611-8120	3	EA	444.44	ADJUST WATER METER BOX TO GRADE	1333.32
611-8140	10	EA	670.67	ADJUST WATER VALVE BOX TO GRADE	6706.70
670-4000	1	EA	2713.16	FIRE HYDRANT	2713.16
<b>Section Sub Total:</b>					<b>\$17,529.88</b>

<b>Section TRAFFIC SIGNS &amp; MARKING</b>					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1033	60	SF	20.25	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	1215.00
636-2070	164	LF	9.01	GALV STEEL POSTS, TP 7	1477.64
652-0120	5	EA	49.00	PAVEMENT MARKING, ARROW, TP 2	245.00
652-5452	1620	LF	0.22	SOLID TRAFFIC STRIPE, 5 IN, YELLOW	356.40
652-6501	4471	GLF	0.13	SKIP TRAFFIC STRIPE, 5 IN, WHITE	581.23
652-9001	269	SY	2.25	TRAFFIC STRIPE, WHITE	605.25
653-1501	2420	LF	0.46	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	1113.20
653-1704	207	LF	3.46	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	716.22
653-1804	3293	LF	1.68	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	5532.24
656-0050	4544	LF	2.01	REMOVE EXIST SOLID TRAF STRIPE, 5 IN, THERMOPLASTIC	9133.44
656-1050	5560	GLF	0.00	REMOVE EXIST SKIP TRAF STRIPE, 5 IN, THERMOPLASTIC	0.00

656-3600	140	SY	0.00	REMOVE EXIST TRAF STRIPE, ALL KINDS & TYPES	0.00
657-1054	520	LF	3.74	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, WHITE, TP PB	1944.80
657-3054	1040	GLF	2.64	PREFORMED PLASTIC SKIP PVMT MKG, 5 IN, WHITE, TP PB	2745.60
657-6054	520	LF	3.74	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, YELLOW, TP PB	1944.80
<b>Section Sub Total:</b>					<b>\$27,610.82</b>

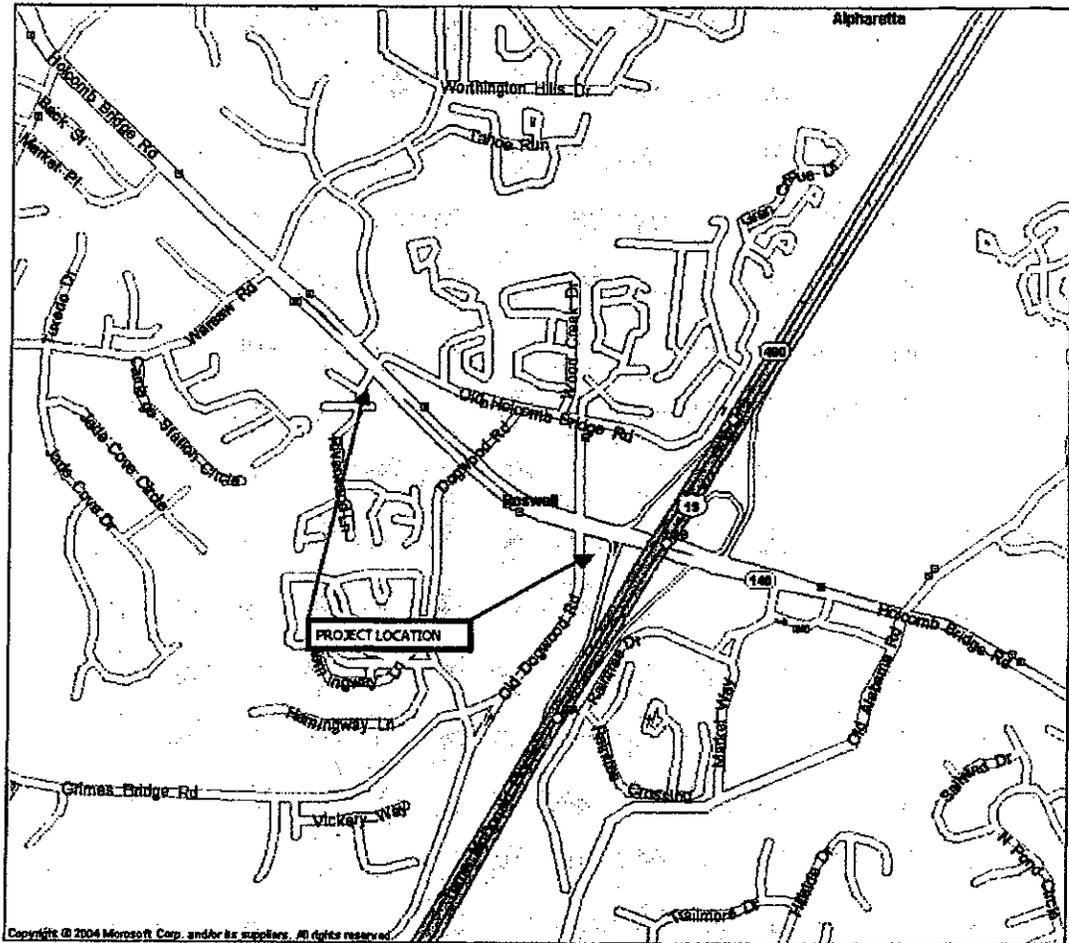
**Section EROSION CONTROL**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	2	AC	375.19	TEMPORARY GRASSING	750.38
163-0240	10	TN	164.91	MULCH	1649.10
163-0550	17	EA	208.95	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	3552.15
165-0010	1385	LF	0.73	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	1011.05
165-0030	600	LF	0.79	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	474.00
165-0105	17	EA	85.71	MAINTENANCE OF INLET SEDIMENT TRAP	1457.07
167-1000	2	EA	559.68	WATER QUALITY MONITORING AND SAMPLING	1119.36
167-1500	12	MO	746.02	WATER QUALITY INSPECTIONS	8952.24
171-0010	1385	LF	2.38	TEMPORARY SILT FENCE, TYPE A	3296.30
171-0030	600	LF	3.67	TEMPORARY SILT FENCE, TYPE C	2202.00
700-6910	2	AC	824.81	PERMANENT GRASSING	1649.62
700-7000	15	TN	65.41	AGRICULTURAL LIME	981.15
700-7010	5	GL	22.15	LIQUID LIME	110.75
700-8000	5	TN	458.16	FERTILIZER MIXED GRADE	2290.80
700-8100	100	LB	2.34	FERTILIZER NITROGEN CONTENT	234.00
700-9300	3450	SY	3.57	SOD	12316.50
716-2000	2000	SY	0.96	EROSION CONTROL MATS, SLOPES	1920.00
<b>Section Sub Total:</b>					<b>\$43,966.47</b>

**Section BRIDGES**

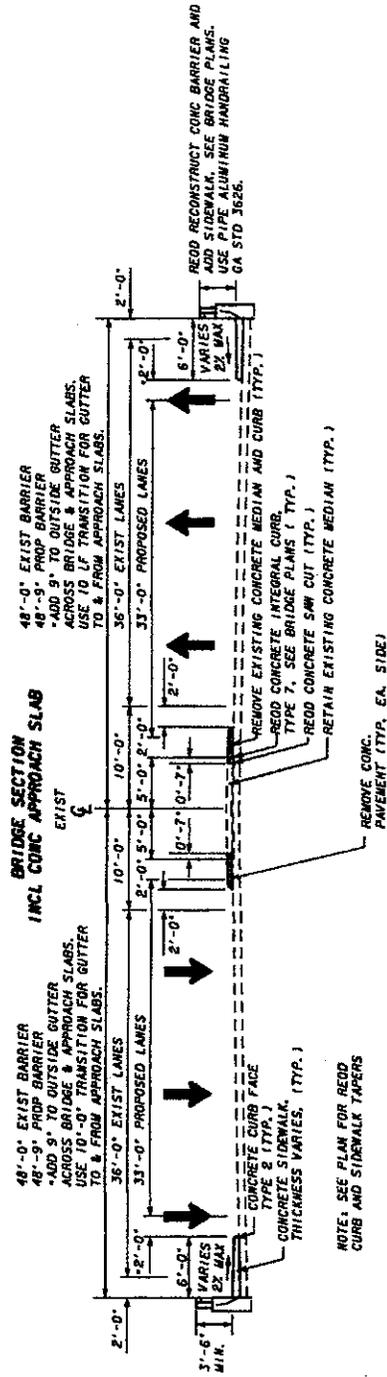
Item Number	Quantity	Units	Unit Price	Item Description	Cost
500-0100	1913	SY	4.41	GROOVED CONCRETE	8436.33
500-1006	140	LS	768.16	SUPERSTR CONCRETE, CL AA, BR NO -1 (CM-00SW(4))	107542.40
511-3000	23014	LS	0.95	SUPERSTR REINF STEEL, BR NO - 1(CM-00SW(4))	21863.30
516-1100	460	LF	53.07	ALUM HANDRAIL, STD 3626	24412.20
540-1202	1	LS	46324.56	REMOVAL OF PARTS OF EXISTING BRIDGE, BR NO - 1(CM-00SW(4))	46324.56
620-0100	460	LF	30.26	TEMPORARY BARRIER, METHOD NO. 1	13919.60
<b>Section Sub Total:</b>					<b>\$222,498.39</b>

**Total Estimated Cost: \$707,561.02**



**Project Location Sketch**  
**CM000-00SW-00(004)**

STATE	PROJECT NUMBER	DATE
GA.	CM-00587(1)	6 15



CITY OF ROSWELL  
TRANSPORTATION DEPARTMENT  
TYPICAL SECTIONS  
PROJECT CM-00587(1)  
COUNTY FULTON  
DATE



DATE	REVISED	DATE	REVISED

SCALE 1" = 5'  
SCALE IN FEET