



**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
REVISED PROJECT CONCEPT REPORT  
Safe Routes to School**

Project Type: Safe Routes to School  
 GDOT District: 7  
 Federal Route Number: N/A

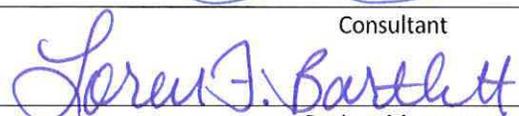
P.I. Number: 0010401  
 County: Cobb  
 State Route Number: N/A

Original Description of Proposed Project	Revised Description of Proposed Project
<p>Construction/improvements near Cheatham Hill Elementary School would include the following:</p> <ul style="list-style-type: none"> <li>• New sidewalk connecting existing intermittent sidewalk along the south side of Irwin Road between Wilkes Way and Irwin Lake and along the north side of Irwin Road beginning at Irwin Lake and ending at existing sidewalk approximately 300' northwest of Bondford Pass.</li> <li>• Widen existing Irwin Road bridge over Noses Creek by 8' to allow for 5' minimum sidewalk.</li> <li>• New sidewalk along the west side of John Ward Road beginning at existing sidewalk approximately 400' south of Brookmont Trace and ending at Brookmont Trace.</li> <li>• The total length of new sidewalk near Cheatham Hill Elementary would be approximately 2100'.</li> </ul>	<p>Construction/improvements near Cheatham Hill Elementary School would include the following:</p> <ul style="list-style-type: none"> <li>• New sidewalk connecting existing intermittent sidewalk along the south side of Irwin Road between Wilkes Way and Irwin Lake and along the north side of Irwin Road beginning at Irwin Lake and ending at existing sidewalk approximately 300' northwest of Bondford Pass.</li> <li>• Widen existing Irwin Road bridge over Noses Creek by 8' to allow for 5' minimum sidewalk.</li> <li>• The total length of new sidewalk near Cheatham Hill Elementary would be approximately 2100'.</li> </ul>

**Reason for amendment:** The proposed sidewalk along John Ward Rd was constructed by Cobb County DOT recently.

**Submitted for approval:**

  
 \_\_\_\_\_  
 Consultant

  
 \_\_\_\_\_  
 Project Manager

DATE: 9/18/2013

DATE: 9/18/2013

**Approvals:**

Concur:  DATE: 9/19/13  
State Innovative Program Delivery Engineer

Approve:  DATE: 9/23/13  
Director of Engineering

Right-of-Way Acquisition	N/A
Utility Relocation	Utility
Letting to Contract	GDOT
Construction Supervision	GDOT
Providing Material Pits	N/A
Providing Detours	N/A
Environmental Studies, Documents, & Permits	GDOT
Environmental Mitigation	GDOT, if applicable
Construction Inspection & Materials Testing	GDOT

Lighting required:  No  Yes

Concept Meeting: March 1, 2012

**Other projects in the area:**

- PI # 0006868 – (Under Construction or Complete) Intersection Improvement: CR 4402/Sandy Plains Road at CR 4406/East Piedmont Road
- PI # 0004508 – Bicycle/Pedestrian Facility Enhancement: SR 120 from Casteel Road/Old Hamilton Road to Villa Rica Way, Phase 1

Other coordination to date: None.

**Project Cost Estimate and Funding Responsibilities:**

	Breakdown of PE	ROW	Utility	CST*	Environmental Mitigation	Total Cost
By Whom	GDOT	N/A	T.B.D.	GDOT	None Anticipated	
\$ Amount	\$140,000	N/A	T.B.D.	<del>\$441,778</del>	None Anticipated	<del>-\$581,778</del>
Date of Estimate	3/22/2011			<del>5/1/2012</del> 9/18/2013 <i>SS</i>		

\*CST Cost includes: Construction, 5% Engineering and Inspection, and Liquid AC Adjustment.

*\$424,370 SS* *\$424,370 SS*

**ADDITIONAL INFORMATION**

**Alternative selection:**

**Preferred Alternative:** The preferred alternative consists of pedestrian and bicycle infrastructure improvements in Marietta, GA, in the vicinity of Cheatham Hill Elementary School and Kincaid Elementary School, through the installation of new sidewalks to connect to existing sidewalks, and improvements to sidewalks in need of repair or replacement. Crosswalks, signage, and ADA compliant wheelchair ramps would be provided where necessitated by crossings. All improvements would be constructed within the existing right-of-way. The preferred alternative also proposes to widen the north side of the existing Irwin Road bridge over Noses Creek by 8' to allow for 5' minimum sidewalk.

Estimated Property Impacts:	None	Estimated Total Cost:	<del>\$581,778</del> <i>\$424,370 SS</i>
Estimated ROW Cost:	\$0	Estimated CST Time:	T.B.D.

**Rationale:** The preferred alternative promotes walking and bicycling as set forth in the Safe Routes to School program while also meeting the priorities listed by the locals. While a timber/boardwalk pedestrian bridge (alternative 1) would provide pedestrians with greater separation from vehicular traffic, the potential for environmental impacts would be higher (than the preferred) as would maintenance and

# DETAILED COST ESTIMATE



Job: 0010401\_SRTS

JOB NUMBER: 0010401\_SRTS

FED/STATE PROJECT NUMBER

SPEC YEAR: 01

DESCRIPTION: COST EST - COBB SRTS - WIDEN BRIDGE OVER NOSES CREEK

**ITEMS FOR JOB 0010401\_SRTS**

Item Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0100	001-0000	1,000	\$	\$100,000.00	MISC ITEMS - WIDEN EXISTING BRIDGE	\$100,000.00
0080	009-3000	1,000	LS	\$20,000.00	MISCELLANEOUS CONSTRUCTION - INSTALLATION OF MID-BLOCK CROSSING	\$20,000.00
0005	150-1000	1,000	LS	\$14,000.00	TRAFFIC CONTROL - 0010401	\$14,000.00
0015	163-0240	200,000	TN	\$263.73	MULCH	\$52,746.10
0021	165-0010	2000,000	LF	\$0.55	MAINT OF TEMP SILT FENCE, TP A	\$1,097.22
0125	167-1000	2,000	EA	\$72.11	WATER QUALITY MONITORING AND SAMPLING	\$144.23
0130	167-1500	6,000	MO	\$384.05	WATER QUALITY INSPECTIONS	\$2,304.32
0020	171-0010	4000,000	LF	\$1.51	TEMPORARY SILT FENCE, TYPE A	\$6,044.88
0010	210-0100	1,000	LS	\$80,000.00	GRADING COMPLETE - 0010401	\$80,000.00
0032	310-5060	160,000	SY	\$15.67	GR AGGR BS CRS 6IN INCL MATL	\$2,507.40
0025	441-0104	250,000	SY	\$20.09	CONC SIDEWALK, 4 IN	<del>\$5,022.50</del> \$4,313.50 OS
0028	441-0108	56,000	SY	\$47.54	CONC SIDEWALK, 8 IN	\$2,662.24
0035	441-4030	7,500	SY	\$50.85	CONC VALLEY GUTTER, 8 IN	\$379.87
0030	441-6216	500,000	LF	\$14.20	CONC CURB & GUTTER/ 8"X24"TP2	\$7,099.97
0031	444-1000	500,000	LF	\$3.53	SAWED JTS IN EXIST PVMTS - PCC	\$1,763.15
0033	500-3200	13,700	CY	\$161.21	CL B CONC	\$2,208.54
0085	550-1180	500,000	LF	\$34.35	STM DR PIPE 16",H 1-10	\$17,174.16
0086	550-4218	2,000	EA	\$841.75	FLARED END SECT 18 IN, ST DR	\$1,283.49
0110	611-5551	2,000	EA	\$785.00	RESET SIGN	\$1,570.00
0115	638-1033	18,000	SF	\$22.13	HWY SIGNS, TP1MAT,REFL SH TP 9	\$398.27
0120	638-2070	180,000	LF	\$8.47	GALV STEEL POSTS, TP 7	\$1,523.90
0103	641-1100	40,000	LF	\$79.46	GUARDRAIL, TP T	\$3,178.34
0101	641-5001	1,000	EA	\$597.44	GUARDRAIL ANCHORAGE, TP 1	\$597.44
0102	641-5012	1,000	EA	\$1,834.84	GUARDRAIL ANCHORAGE, TP 12	\$1,834.84
0058	653-1704	2000,000	LF	\$5.06	THERM SOLID TRAF STRIPE,24",WH	\$10,129.50
0055	653-1804	5000,000	LF	\$2.14	THERM SOLID TRAF STRIPE, 8",WH	\$10,705.70
0070	668-1100	3,000	EA	\$2,247.05	CATCH BASIN, GP 1	\$6,741.14
0040	700-6910	2,000	AC	\$581.58	PERMANENT GRASSING	\$1,163.17
0016	701-0020	20,000	LB	\$3.16	FERTILIZER MIXED GRADE	\$63.11
0060	754-6000	1,000	EA	\$1,654.99	BICYCLE RACK - KINCAID ELEMENTARY	\$1,654.99
0085	999-3800	1,000	EA	\$10,000.00	RECTANGULAR RAPID BEACON ASSY - PAIR OF RRFB; KINCAID MID-BLOCK	\$10,000.00
<b>SUBTOTAL FOR :</b>						<del>\$400,804.00</del> \$404,162.60 OS

**TOTALS FOR JOB 0010401\_SRTS**

ITEMS COST:	<del>\$420,234.00</del> \$404,162.60 OS
COST GROUP COST:	\$0.00
ESTIMATED COST:	<del>\$420,234.00</del> \$404,162.60 OS
CONTINGENCY PERCENT:	0.00
ENGINEERING AND INSPECTION:	0.05
ESTIMATED COST WITH CONTINGENCY AND E&I:	<del>\$441,040.50</del> \$424,370.73 OS