

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

**OFFICE OF DESIGN POLICY & SUPPORT
INTERDEPARTMENTAL CORRESPONDENCE**

FILE P.I. # 0010392

OFFICE Design Policy & Support

Muscogee County
GDOT District 3 - Thomaston
SRTS - Clubview Elementary School

DATE 8/6/2013

FROM  for Brent Story, State Design Policy Engineer

TO SEE DISTRIBUTION

SUBJECT APPROVED REVISED CONCEPT REPORT

Attached is the approved Revised Concept Report for the above subject project.

Attachment

DISTRIBUTION:

Bobby Hilliard, Program Control Administrator
Genetha Rice-Singleton, State Program Delivery Engineer
Glenn Bowman, State Environmental Administrator
Cindy VanDyke, State Transportation Planning Administrator
Kathy Zahul, State Traffic Engineer
Angela Robinson, Financial Management Administrator
Lisa Myers, State Project Review Engineer
Charles "Chuck" Hasty, State Materials Engineer
Mike Bolden, State Utilities Engineer
Ken Thompson, Statewide Location Bureau Chief
Emmanuella Myrthil, State Safety Program Coordinator
Thomas Howell, District Engineer
Bill Rountree, District Preconstruction Engineer
Kerry Gore, District Utilities Engineer
Charles Robinson, Project Manager
BOARD MEMBER - 2nd Congressional District

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
REVISED PROJECT CONCEPT REPORT**

Project Type: Safe Routes to School
GDOT District: 3
Federal Route Number: N/A
Project Number: N/A

P.I. Number: 0010392
County: Muscogee
State Route Number: N/A

The proposed revision to the approved concept consists of a change in project termini, which would reduce the project footprint.

Submitted for approval:



Brent Story – GDOT Office of Design Policy & Support

7-30-13

DATE



Charles Robinson - GDOT Project Manager

7/30/13

DATE

Approvals:

Concur: 

State Program Delivery Engineer

DATE: 7/31/2013

Approve: 

Director of Engineering

DATE: 8/5/13

PLANNING, APPROVED CONCEPT, & BACKGROUND DATA

Project Justification Statement:

The proposed project is a Safe Routes to School (SRTS) infrastructure project to improve and encourage pedestrian and bicycle travel within a two mile radius of Clubview Elementary School. Clubview Elementary school is located on Edgewood Road in the city of Columbus, Muscogee County, Georgia, in the proximity of Interstate 185/SR 411.

The SRTS infrastructure program administered by the Federal Highway Administration is intended to promote walking and bicycling by students living within a two-mile radius of a school. The desired outcomes of the SRTS infrastructure program include increased health and fitness for students, as well as accessibility and environmental benefits for the community at large.

The Federal SRTS program was created by Section 1404 of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), which was signed into public law (P.L. 109-59) on August 10, 2005. As a result of this legislation, every state now has dedicated dollars to help with infrastructure improvements (e.g. new sidewalks and traffic calming projects) and non-infrastructure activities to encourage and enable students to walk and bicycle to school.

Clubview Elementary School has been selected for this initiative to improve insufficient walkways, and crossings near the school.

The Clubview Elementary SRTS project would target specific areas identified to:

- Upgrade and/or introduce ADA compliant sidewalks improving pedestrian accessibility and connectivity
- Upgrade and/or introduce ADA compliant cross walks for secure foot travel
- Upgrade and/or introduce signage for speed reduction in the vicinity of the school

The project would improve pedestrian accessibility through the installation of concrete sidewalks along Clubview Drive, Lynda Lane, and Sue Mack Drive. New curb ramps would be incorporated at each curb cut, while highly visible crosswalks and signage would be place at select intersections of the proposed walkways. It is suggested two (2) bicycle racks be added in front of the school. Supplementary signs along Edgewood Road are also recommended to remind motorists of the speed limit inside of the school zone.

Description of the approved concept:

The proposed project consists of pedestrian improvements for students of Clubview Elementary. All improvements would be constructed within existing right-of-way at the following locations:

1. Clubview Drive from Lynda Lane and Nancy Street (approximately 612 feet long)
2. Lynda Lane from Clubview Drive to Sue Mack Drive (approximately 972 feet long)
3. Sue Mack Drive from Lynda Lane to Edgewood Road (approximately 1,430 feet long)

Improvements at each location would include installation of 5 foot sidewalks and signage along the local streets to provide sufficient areas for students to walk to school. All curb cuts would have ADA compliant sidewalk ramps with truncated domes. Where appropriate, new crosswalks would be introduced.

PDP Classification: Major Minor

Federal Oversight: Full Oversight Exempt State Funded Other

Projected Traffic as shown in the approved Concept Report: N/A

Functional Classification (Mainline): Urban Local Road (Sue Mack Drive)

PROPOSED REVISIONS

Approved Features:	Proposed Features:
<p>Project Termini: The approved features consist of ADA-compliant improvements (sidewalks, crosswalks and appropriate signage) to facilitate student pedestrian travel to and from Clubview Elementary. All improvements would be constructed within existing right-of-way at the following locations:</p> <ul style="list-style-type: none"> • Clubview Drive, from Lynda Lane and Nancy Street (approximately 612 feet long) • Lynda Lane, from Clubview Drive to Sue Mack Drive (approximately 972 feet long) • Sue Mack Drive, from Lynda Lane to Edgewood Road (approximately 1,430 feet long) <p>Improvements would include where appropriate the installation of 5 foot sidewalks, curb-cut sidewalk ramps, crosswalks, and signage.</p>	<p>Project Termini: The proposed revision would consist of removing the previously approved ADA-compliant pedestrian improvements at the following locations:</p> <ul style="list-style-type: none"> • Clubview Drive, from Lynda Lane and Nancy Street (approximately 612 feet long) • Lynda Lane, from Clubview Drive to Sue Mack Drive (approximately 972 feet long) • Sue Mack Drive, from Lynda Lane to Nancy Street (approximately 714 feet long) <p>The previously approved ADA-compliant pedestrian improvements would remain at the following location:</p> <ul style="list-style-type: none"> • Sue Mack Drive, from Nancy Street to Edgewood Road (approximately 716 feet long)
<p>Reason(s) for change: Request from project sponsor to reduce project scope/termini.</p>	

ENVIRONMENTAL

Project Air Quality:

Is the project located in a PM 2.5 Non-attainment area? No Yes
 Is the project located in an Ozone Non-attainment area? No Yes
 Is a Carbon Monoxide hotspot analysis required? No Yes

Potential environmental impacts of proposed revision: No anticipated environmental effects – a reduction in the project footprint is proposed.

Have proposed revisions been reviewed by environmental staff? No Yes

Environmental responsibilities (Studies/Documents/Permits): GDOT

PROJECT COST & ADDITIONAL INFORMATION

Updated Cost Estimate		Date of Estimate
Base Construction Cost:	\$142,500.00	7/19/2013
Engineering and Inspection:	\$7,100.00	7/19/2013
Liquid AC Adjustment:	Not applicable	
<u>Total Construction Cost:</u>	\$149,600.00	
Right-of-Way:	Not Applicable	
Utilities (reimbursable costs):	Not Applicable	
Environmental Mitigation:	Not Applicable	
TOTAL PROJECT COST:	\$149,600.00	

Recommendation: Recommend that the proposed revision to the concept be approved for implementation.

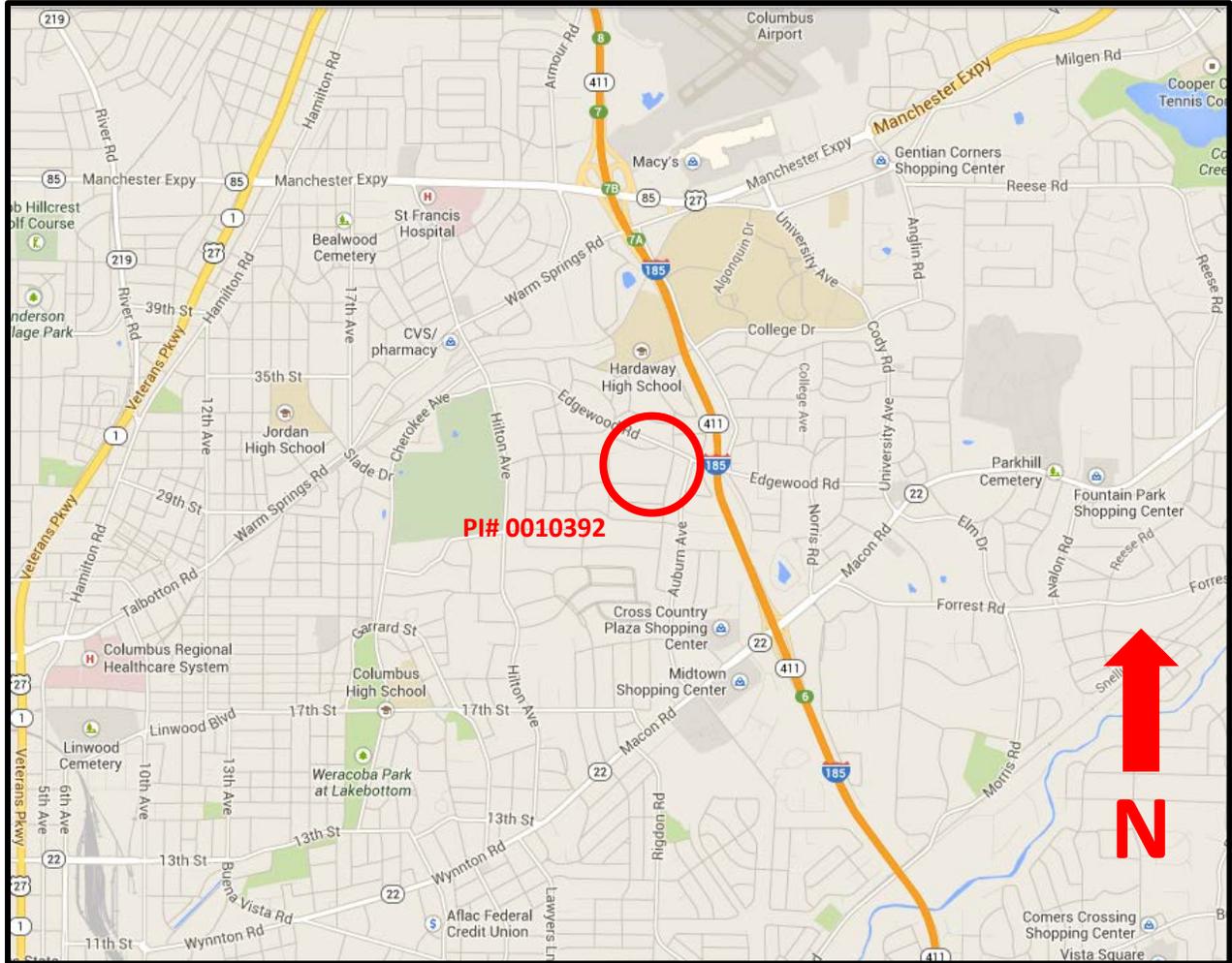
Comments: None

Attachments:

1. Project Location Map
2. Typical Section
3. Cost Estimate(s)

PROJECT LOCATION:

Columbus, GA





Revised Project End

Revised Project Begin

Clubview
Elementary School

Nancy Street

Roswell Lane

Sue Mack Drive

Edgewood Road

Auburn Ave

Erma Dr

Roswell Ln

Sue Mack Dr

Auburn Ave

Nancy St

Roswell Ln

411

185

185

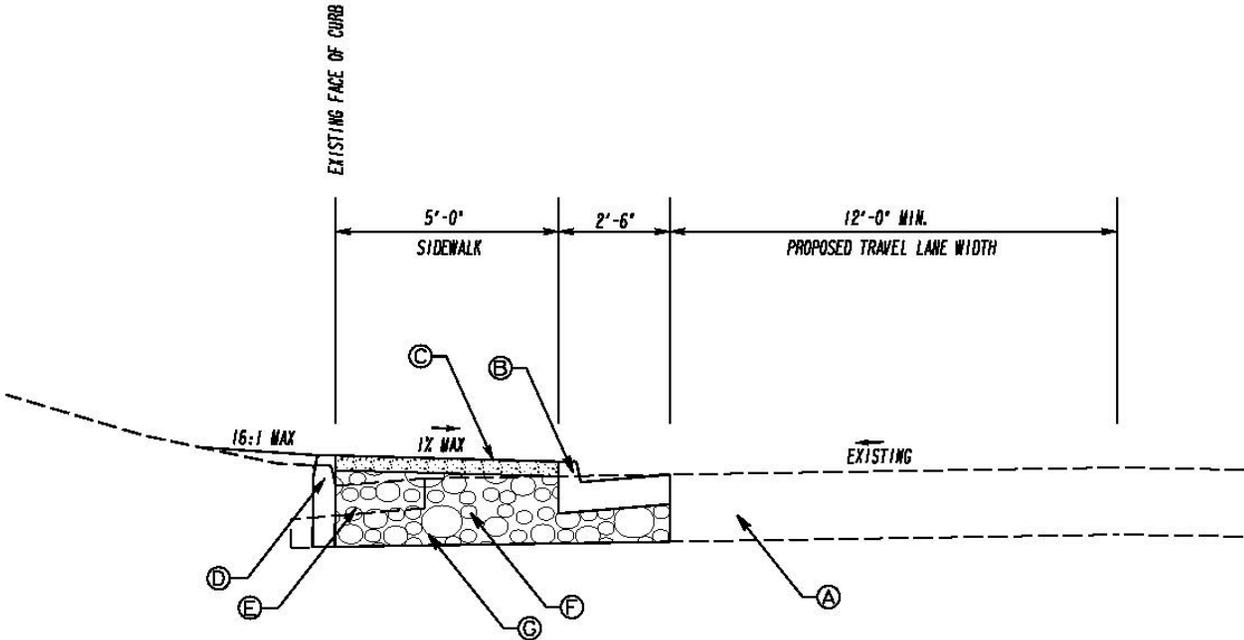
411

185

PI# 0010396 Muscogee County Safe Routes to School – Clubview ES Proposed Typical Section

DETAILS:

- A – Existing Pavement - to be retained
- B – Proposed Curb/Gutter
- C - Proposed 4 inch Sidewalk
- D – Proposed Header Curb
- E – Existing Curb/Gutter - to be removed
- F – Existing Pavement – to be removed
- F – Proposed Graded Aggregate Base



Sue Mack Drive, from Nancy Street to Edgewood Road

DETAILED COST ESTIMATE



Job: 0010392

JOB NUMBER 0010392

FED/STATE PROJECT NUMBER

SPEC YEAR: 01

DESCRIPTION: SRTS MUSCOGEE COUNTY SCHOOLS
PREFERRED ALTERNATIVE

ITEMS FOR JOB 0010392

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0005	150-1000	1.000	LS	\$25,000.00000	TRAFFIC CONTROL - TRAFFIC CONTROL - 0010398	\$25,000.00
0085	163-0232	1.000	AC	\$474.81156	TEMPORARY GRASSING	\$474.81
0010	163-0240	10.000	TN	\$264.03000	MULCH	\$2,640.30
0090	163-0300	2.000	EA	\$958.41955	CONSTRUCTION EXIT	\$1,916.84
0095	163-0550	1.000	EA	\$191.89079	CONS & REM INLET SEDIMENT TRAP	\$191.89
0100	165-0010	800.000	LF	\$0.78014	MAINT OF TEMP SILT FENCE, TP A	\$624.11
0105	165-0101	2.000	EA	\$371.04444	MAINT OF CONST EXIT	\$742.09
0110	165-0105	1.000	EA	\$66.29029	MAINT OF INLET SEDIMENT TRAP	\$66.29
0115	171-0010	800.000	LF	\$2.44366	TEMPORARY SILT FENCE, TYPE A	\$1,954.93
0035	210-0100	1.000	LS	\$35,000.00000	GRADING COMPLETE - GRADING COMPLETE - 0010398	\$35,000.00
0040	310-1101	702.000	TN	\$17.97470	GR AGGR BASE CRS, INCL MATL	\$12,618.24
0175	441-0018	55.000	SY	\$44.13809	DRIVEWAY CONCRETE, 8 IN TK	\$2,427.59
0045	441-0104	360.000	SY	\$30.50885	CONC SIDEWALK, 4 IN	\$10,983.19
0050	441-0108	57.000	SY	\$30.38317	CONC SIDEWALK, 8 IN	\$1,731.84
0055	441-5003	740.000	LF	\$17.79378	CONC HEADER CURB, 8", TP 3	\$13,167.40
0060	441-6222	830.000	LF	\$16.60657	CONC CURB & GUTTER/ 8"X30"TP2	\$13,783.45
0180	500-9999	50.000	CY	\$171.60151	CL B CONC,BASE OR PVMT WIDEN	\$8,580.08
0145	550-1180	15.000	LF	\$30.51933	STM DR PIPE 18",H 1-10	\$457.79
0160	636-1033	15.000	SF	\$21.63705	HWY SIGNS, TP1MAT,REFL SH TP 9	\$324.56
0165	636-2070	74.000	LF	\$7.17592	GALV STEEL POSTS, TP 7	\$531.02
0170	643-8200	746.000	LF	\$1.58020	BARRIER FENCE (ORANGE), 4 FT	\$1,178.83
0075	653-1704	30.000	LF	\$3.68455	THERM SOLID TRAF STRIPE,24",WH	\$110.54
0080	653-1804	200.000	LF	\$1.88693	THERM SOLID TRAF STRIPE, 8",WH	\$377.39
0150	668-1100	1.000	EA	\$2,147.15930	CATCH BASIN, GP 1	\$2,147.16
0155	668-4300	1.000	EA	\$1,938.05176	STORM SEW MANHOLE, TP 1	\$1,938.05
0125	700-7000	1.000	TN	\$76.21658	AGRICULTURAL LIME	\$76.22
0130	700-8000	1.000	TN	\$418.36524	FERTILIZER MIXED GRADE	\$418.37
0135	700-8100	50.000	LB	\$2.64472	FERTILIZER NITROGEN CONTENT	\$132.24
0120	700-9300	175.000	SY	\$5.57324	SOD	\$975.32
0185	708-1000	30.000	CY	\$54.49443	PLANT TOPSOIL	\$1,634.83
0140	716-2000	200.000	SY	\$1.27040	EROSION CONTROL MATS, SLOPES	\$254.08
SUBTOTAL FOR :						\$142,459.45

TOTALS FOR JOB 0010392

DETAILED COST ESTIMATE



Job: 0010392

ITEMS COST:	\$142,459.45
COST GROUP COST:	\$0.00
ESTIMATED COST:	\$142,459.45
CONTINGENCY PERCENT:	0.00
ENGINEERING AND INSPECTION:	0.05
ESTIMATED COST WITH CONTINGENCY AND E&I:	\$149,582.42