

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

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

FILE P.I. # 0010451

OFFICE Design Policy & Support

Lanier County
GDOT District 4 - Tifton
Lanier County Primary, Elementary
& Middle Schools - S.R.T.S.

DATE 4/8/2013

FROM  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
Andy Casey, State Roadway Design Engineer
Attn: Sandy Griffin, District Design Engineer
Tamaya Huff, State Pedestrian and Bicycle Coordinator
Joe Sheffield, District Engineer
Brent Thomas, District Preconstruction Engineer
Tim Warren, District Utilities Engineer
Aghdas Ghazi, Project Manager
BOARD MEMBER - 8th Congressional District

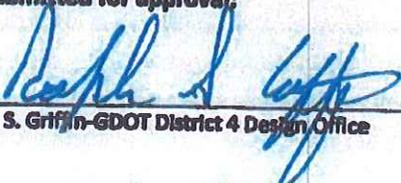
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
REVISED PROJECT CONCEPT REPORT

Project Type: SRTS
GDOT District: 4
Federal Route Number: 221
Project Number: N/A

P.I. Number: 0010451
County: Lanier
State Route Number: 31

Project description is revised to remove East Franklin Avenue due to lack of sufficient ROW.

Submitted for approval:


Ralph S. Griffin - GDOT District 4 Design Office

3-21-13
DATE


GDOT Project Manager

3/21/2013
DATE

Approval:

Concur. State program Delivery Engineer

3-27-13
DATE


Approve: Director of Engineering

4/2/2013
DATE

PLANNING, APPROVED CONCEPT, & BACKGROUND DATA

Project Justification Statement:

The project is a Safe Routes to School (SRTS) infrastructure project that will improve pedestrian and bicycle accessibility for students within a two-mile radius of Lanier County Primary School, Lanier County Elementary School, and Lanier County Middle School in Lakeland, GA.

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.

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 Lanier County School District applied for, and was awarded, SRTS funding in response to a GDOT call for SRTS applications.

Due to gaps in existing sidewalks and existing sidewalks in need of repair or replacement, students walking or bicycling to school must do so on existing shoulder on portions of SR 31/US 221/South Valdosta Road, West Patten Avenue, East Franklin Avenue, Berrien Avenue, and Park Drive.

The SRTS project would improve pedestrian and bicycle accessibility and connectivity by addressing gaps in existing sidewalks and existing sidewalks in need of repair or replacement.

Description of the approved concept:

This project consists of pedestrian and bicycle infrastructure improvements in Lakeland, GA in the vicinity of Lanier County Primary, Elementary, and Middle Schools. The project will improve pedestrian and bicycle accessibility and connectivity through the installation of new sidewalks, as well as pavement markings and wheel chair ramp improvements. All improvements will be constructed within the existing Right-of-Way. Sidewalks will be constructed/improved at the following locations:

- Along the South side of West Patten Street beginning at existing sidewalk adjacent to Lanier County Middle School and ending at South Pafford Street.
- Along the north side of West Patten Street beginning at South Pafford Street and ending at existing sidewalk on South Valdosta Road. Sidewalk here should be constructed as to discourage vehicles from traveling over or parking on the sidewalk. Existing, flush sidewalks do not have a positive barrier for drivers, who currently tend to park or drive on the sidewalk.
- Approximately 260' north of West Patten Street, connecting the Primary School entrance to existing sidewalk along South Valdosta Road.

County: Lanier

- Along the south side of East Franklin Avenue beginning at South Valdosta Road and extending approximately 250' east.
- Along the north side of East Berrien Avenue beginning at South Valdosta Road and extending approximately 230' east.
- South of Park Drive, connecting the elementary school entrance to existing sidewalk and allowing for connectivity to proposed improvements.

New crosswalks will be provided at the following locations:

- Across Park Drive at South Valdosta Road
- Across South Valdosta Road at Park Drive and east Franklin Avenue.
- Across East Patten Street at South Valdosta Road and S. Pafford Street.
- Across bus lane (adjacent to Lanier County Middle School) near intersection of South Pafford Street and West Patten Street.

A multi-use path will be constructed along Park Drive from South Valdosta Road to South Oak Street. The multiuse path will connect to existing and proposed sidewalks with a midblock crossing across South Valdosta Road. A rectangular Rapid Flashing Beacon(RRFB) will be installed for the midblock crosswalk at Park Drive across South Valdosta Road. ADA compliant wheelchair ramps will be installed or upgraded where necessitated by crossings.

PDP Classification: Major Minor

Federal Oversight: Full Oversight Exempt State Funded Other

Projected Traffic as shown in the approved Concept Report: *ADT or AADT*

Open Year (20XX): N/A

Design Year (20YY): N/A

Updated Traffic: *ADT or AADT*

Open Year (20XX): N/A

Design Year (20YY): N/A

Functional Classification (Mainline): *Functional Classification*

- SR 31/US 221/ South Valdosta Road: Rural Minor Arterial
- West Patten Avenue: Rural Local Road
- East Franklin Avenue: Rural Local Road
- Berrien Avenue: Rural Local Road
- Park Drive: Rural Local Road

VE Study anticipated: No Yes Completed – Date:

PROPOSED REVISIONS

Approved Features:	Proposed Features:
Pedestrian and bicycle infrastructure improvements along the south side of East Franklin Avenue beginning at South Valdosta Road and extending approximately 250' east.	<i>Remove pedestrian and bicycle infrastructure improvements along the south side of East Franklin Avenue beginning at South Valdosta Road and extending approximately 250' east.</i>
Reason(s) for change: <i>The existing ROW along East Franklin Avenue is approximately 30' which is insufficient to provide sidewalks along this street.</i>	

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: *Proposed revisions will not affect environmental impacts along the project.*

Have proposed revisions been reviewed by environmental staff? No Yes

Environmental responsibilities (Studies/Documents/Permits): *GDOT*

PROJECT COST & ADDITIONAL INFORMATION

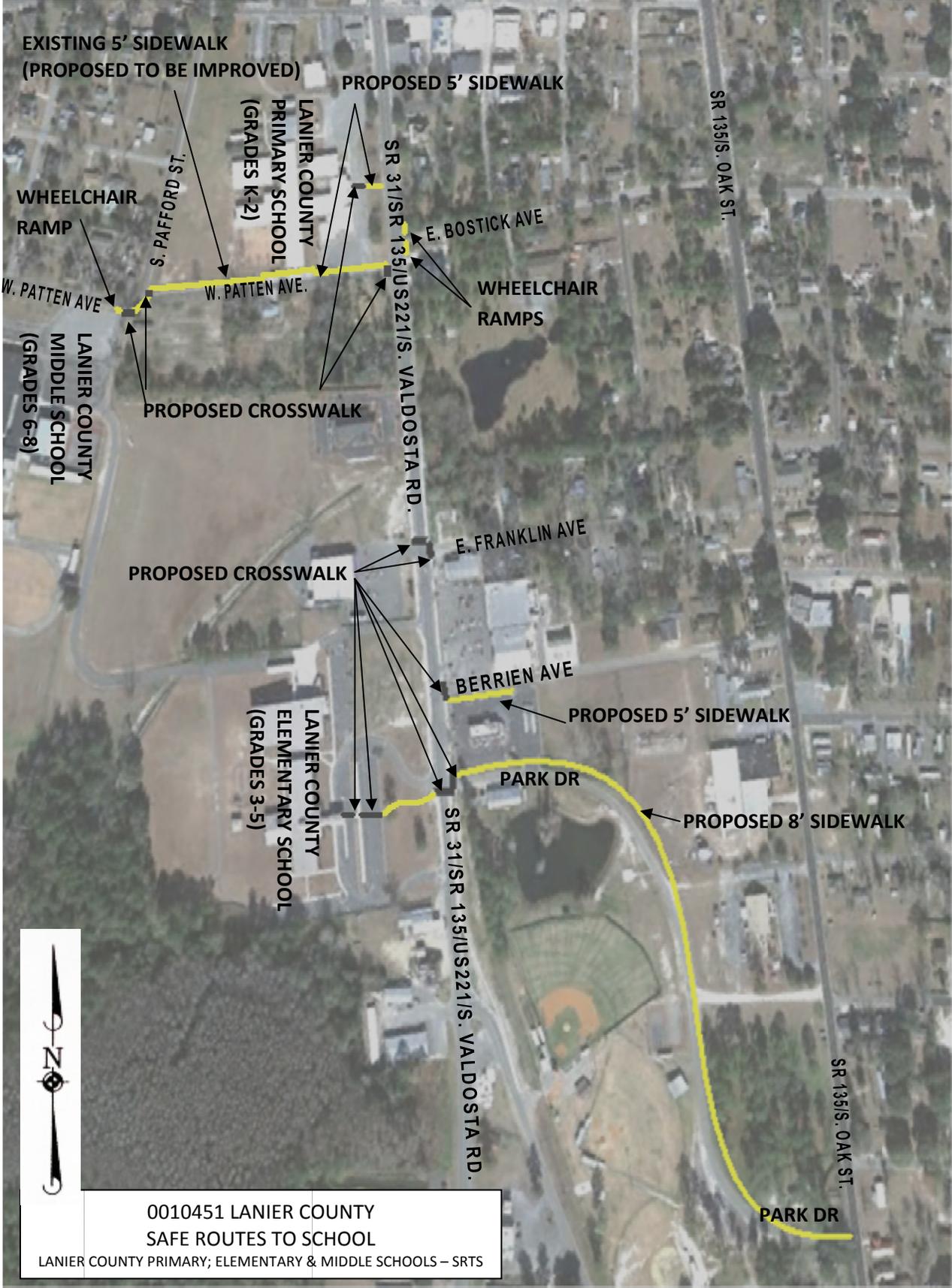
Updated Cost Estimate		Date of Estimate
Base Construction Cost:	\$183,252.88	3/19/2012
Engineering and Inspection:	\$9,162.64	3/19/2012
Liquid AC Adjustment:	N/A	N/A
<u>Total Construction Cost:</u>	\$192,415.52	
Right-of-Way:	N/A	N/A
Utilities (reimbursable costs):	N/A	N/A
Environmental Mitigation:	N/A	N/A
TOTAL PROJECT COST:	\$192,415.52	

Recommendation: The District 4 design office recommends that this revision be approved.

Comments:

Attachments:

1. Sketch map
2. Cost Estimate(s)



EXISTING 5' SIDEWALK
(PROPOSED TO BE IMPROVED)

PROPOSED 5' SIDEWALK

WHEELCHAIR
RAMP

LANIER COUNTY
PRIMARY SCHOOL
(GRADES K-2)

SR 31/SR 135/US221/S. VALDOSTA RD.

E. BOSTICK AVE

SR 135/S. OAK ST.

W. PATTEN AVE

W. PATTEN AVE.

WHEELCHAIR
RAMPS

LANIER COUNTY
MIDDLE SCHOOL
(GRADES 6-8)

PROPOSED CROSSWALK

PROPOSED CROSSWALK

E. FRANKLIN AVE

BERRIEN AVE

PROPOSED 5' SIDEWALK

LANIER COUNTY
ELEMENTARY SCHOOL
(GRADES 3-5)

PARK DR

PROPOSED 8' SIDEWALK

SR 31/SR 135/US221/S. VALDOSTA RD.

SR 135/S. OAK ST.

PARK DR



0010451 LANIER COUNTY
SAFE ROUTES TO SCHOOL

LANIER COUNTY PRIMARY; ELEMENTARY & MIDDLE SCHOOLS – SRTS

DETAILED COST ESTIMATE



Job: 0010451 LANIER

JOB NUMBER: 0010451_LANIER

FED/STATE PROJECT NUMBER 0010451

SPEC YEAR: 01

DESCRIPTION: LANIER COUNTY PRIMARY, ELEMENTARY, & MIDDLE SCHOOLS - SRTS

ITEMS FOR JOB 0010451 LANIER

0010 - ROADWAY

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0005	150-1000	1.000	LS	\$29,350.00000	TRAFFIC CONTROL - 0010451	\$29,350.00
0006	150-7010	8.000	EA	\$1,100.00000	TEMP CURB CT, WHEELCHR RMPS	\$8,800.00
0010	210-0100	1.000	LS	\$9,114.00000	GRADING COMPLETE - 0010451	\$9,114.00
0015	441-0104	2384.000	SY	\$28.80000	CONC SIDEWALK, 4 IN	\$68,659.20
0080	550-1180	75.000	LF	\$40.00733	STM DR PIPE 18",H 1-10	\$3,000.55
0085	550-3518	2.000	EA	\$621.05625	SAFETY END SECTION 18",STD,6:1	\$1,242.11
SUBTOTAL FOR ROADWAY:						\$120,165.86

0020 - TEMPORARY EROSION CONTROL

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0035	163-0232	0.130	AC	\$408.57024	TEMPORARY GRASSING	\$53.11
0040	163-0240	2.080	TN	\$254.75000	MULCH	\$529.88
0045	165-0030	1090.000	LF	\$2.26000	MAINT OF TEMP SILT FENCE, TP C	\$2,463.40
0050	171-0030	2180.000	LF	\$7.10000	TEMPORARY SILT FENCE, TYPE C	\$15,478.00
SUBTOTAL FOR TEMPORARY EROSION CONTROL:						\$18,524.39

0030 - PERMANENT EROSION CONTROL

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0055	700-6910	0.130	AC	\$2,226.31000	PERMANENT GRASSING	\$289.42
0065	700-7000	0.260	TN	\$56.88075	AGRICULTURAL LIME	\$14.79
0070	700-8000	0.110	TN	\$473.86839	FERTILIZER MIXED GRADE	\$52.13
0075	700-8100	6.500	LB	\$4.91730	FERTILIZER NITROGEN CONTENT	\$31.96
SUBTOTAL FOR PERMANENT EROSION CONTROL:						\$388.30

0040 - SIGNING AND MARKING

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0095	636-1020	10.000	SF	\$21.69463	HWY SGN,TP1MAT,REFL SH TP3	\$216.95
0100	636-1033	105.000	SF	\$20.44237	HWY SIGNS, TP1MAT,REFL SH TP 9	\$2,146.45
0105	636-2070	280.000	LF	\$8.23306	GALV STEEL POSTS, TP 7	\$2,305.26
0110	647-5230	2.000	EA	\$5,632.79733	SIGNAL ASS, FLASHING SCHOOL,CO	\$11,265.59
0020	653-1704	28.000	LF	\$7.28000	THERM SOLID TRAF STRIPE,24",WH	\$203.84
0025	653-1804	2788.000	LF	\$2.16508	THERM SOLID TRAF STRIPE, 8",WH	\$6,036.24
0111	999-3800	2.000	EA	\$11,000.00000	RECTANGULAR RAPID BEACON ASSY	\$22,000.00
SUBTOTAL FOR SIGNING AND MARKING:						\$44,174.33

TOTALS FOR JOB 0010451 LANIER

ITEMS COST:	\$183,252.88
COST GROUP COST:	\$0.00
ESTIMATED COST:	\$183,252.88
CONTINGENCY PERCENT:	0.00
ENGINEERING AND INSPECTION:	0.05
ESTIMATED COST WITH CONTINGENCY AND E&I:	\$192,415.52