DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

OFFICE OF DESIGN POLICY & SUPPORT
INTERDEPARTMENTAL CORRESPONDENCE

FILE P.I. #0012878
Fayette County
GDOT District 3 - Thomaston
West Fayetteville Path from
SR 54 to CS 894/Lester Road

OFFICE Design Policy & Support

DATE December 7, 2016

FROM for Brent Story, State Design Policy Engineer

TO SEE DISTRIBUTION

SUBJECT **APPROVED LOCATION & DESIGN REPORT**

Attached is the approved Location and Design Report with Notice of Location & Design Approval for the above subject project.

Attachment

DISTRIBUTION:

Hiral Patel, Director of Engineering
Joe Carpenter, Director of P3/Program Delivery
Albert Shelby, State Program Delivery Engineer
Darryl VanMeter, State Innovative Delivery Engineer
Bobby Hilliard, Program Control Administrator
Cindy VanDyke, State Transportation Planning Administrator
Eric Duff, State Environmental Administrator
Bill DuVall, State Bridge Engineer
Andrew Heath, State Traffic Engineer
Angela Robinson, Financial Management Administrator
Lisa Myers, State Project Review Engineer
Richard Cobb, Location Bureau Chief
Michael Presley, District Engineer
Adam Smith, District Preconstruction Engineer
Harland Smith, District Planning & Programming Engineer
David Neighbors, Area Engineer - D3, A5
Ameenah Saleem, Project Manager
BOARD MEMBER - 3rd & 13th Congressional Districts

Rec'd 11-18-16

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE Fayette County
P.I. No. 0012878
TAP – West Fayetteville Path from SR 54 to
CS 894/Lester Road

OFFICE Program Delivery

DATE November 14, 2016

FROM Albert V. Shelby, III., State Program Delivery Administrator Albert Shelby

TO Office of Design Policy and Support (via Concepts Reports mailbox)

SUBJECT: **Submittal – Location and Design (L&D) Report**

The Office of Program Delivery hereby submits the attached Location and Design (L&D) Report for your review and approval.

If any additional information is needed, please contact Ameenah Saleem at 478-553-3308.

C.L.B.

AVS:CLB:KSD:ABS

Attachments: Preconstruction Status Report, Completed Location & Design approval request

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

LOCATION AND DESIGN REPORT

FILE: P.I. No. 0012878 **OFFICE** Program Delivery
Fayette County **DATE** November 14, 2016
TAP – West Fayetteville Path from SR 54 to CS 894/Lester Road

FROM: Albert V. Shelby, III., State Program Delivery Administrator

TO: Brent A. Story, P.E., State Design Policy and Support Engineer
Attn: Dave Peters, State Conceptual Design Group Manager

SUBJECT: Request for Location and Design Approval

Description and Project Proposal:
Project P.I. 0012878 proposes an improved pedestrian and cycling crossing facility at SR 54. The pedestrian bridge will be located approximately 941' west of Piedmont Fayette Hospital at the intersection of Togwatee Parkway at SR 54. The bridge will be a pre-fab truss bridge 12' wide and approximately 165' long. The bottom of the bridge will be elevated no less than 18'-6" above the pavement surface of SR 54. The shared-use trail will also be 12' wide and will ramp up to the overpass bridge. The proposed trail location north of SR 54 will continue northbound for approximately 380' to connect to Piedmont Fayette Hospital. On the south side of SR 54, the trail will ramp down into existing grade and continue east for approximately 350' along the south side of SR 54, outside of the existing right-of-way, before turning due south. The trail will run through a forested area for approximately 3,700', making at least two stream crossings, and connect to the existing shared-use trail along Lester Road. This project falls within Land Lots 7, 8, 97, and 128; the project is located in the 5th and 7th Land Districts.

Concept Approval Date: May 27, 2015

Concept Update: There are three stream crossings along the proposed alignment, two of which were originally proposed as wooden footbridges. However, due to constructability, environmental, and financial factors, these crossings have been altered to proposed culvert crossings instead. Additionally, mainline design features have been altered to allow for a minimum horizontal curve radius of 37'. The maximum grade has been increased to allow for trail segments to be between 5% to 8.33% grade for 200' between resting intervals, an 8.33% to 10% grade for 30' between resting intervals, and a 10% 12% grade for 10' between resting intervals as per the USDA Accessibility Guidebook for Outdoor Recreation and Trails standards. The preferred alternative now impacts seven parcels instead of five. The encroachment of these two properties is minimal, but has been accounted for in the ROW cost estimate (Attached).

Environmental Document: Pending 12-6-2016 KLP

~~***Temporary Route Needed:*** X No ☐ Yes ☐ Undetermined~~ DKP

Public Involvement:
A public meeting was held on June 17, 2014 with the Emory Springs Neighborhood. Attendees were shown a conceptual alignment for the proposed trail as well as typical sections of the trail. Due to impacts the trail alignment would have on the neighborhood property, as well as steep grade changes, the proposed alignment was shifted to avoid encroaching on the Emory Springs Neighborhood property to a location where the existing terrain was more accommodating for the vertical alignment of the trail.

A stakeholder meeting was held December 7, 2015 with the major commercial and public entities along the corridor. Attendees were shown the proposed alignment of the trail, as well as stream crossing locations and the truss bridge location over SR 54.

Consistency with Approved Planning:
The design description as presented herein and submitted for approval is consistent with the approved Concept Report.

Recommendations:
Recommend that the location and design for the project be approved and that the attached Notice be approved for advertising.

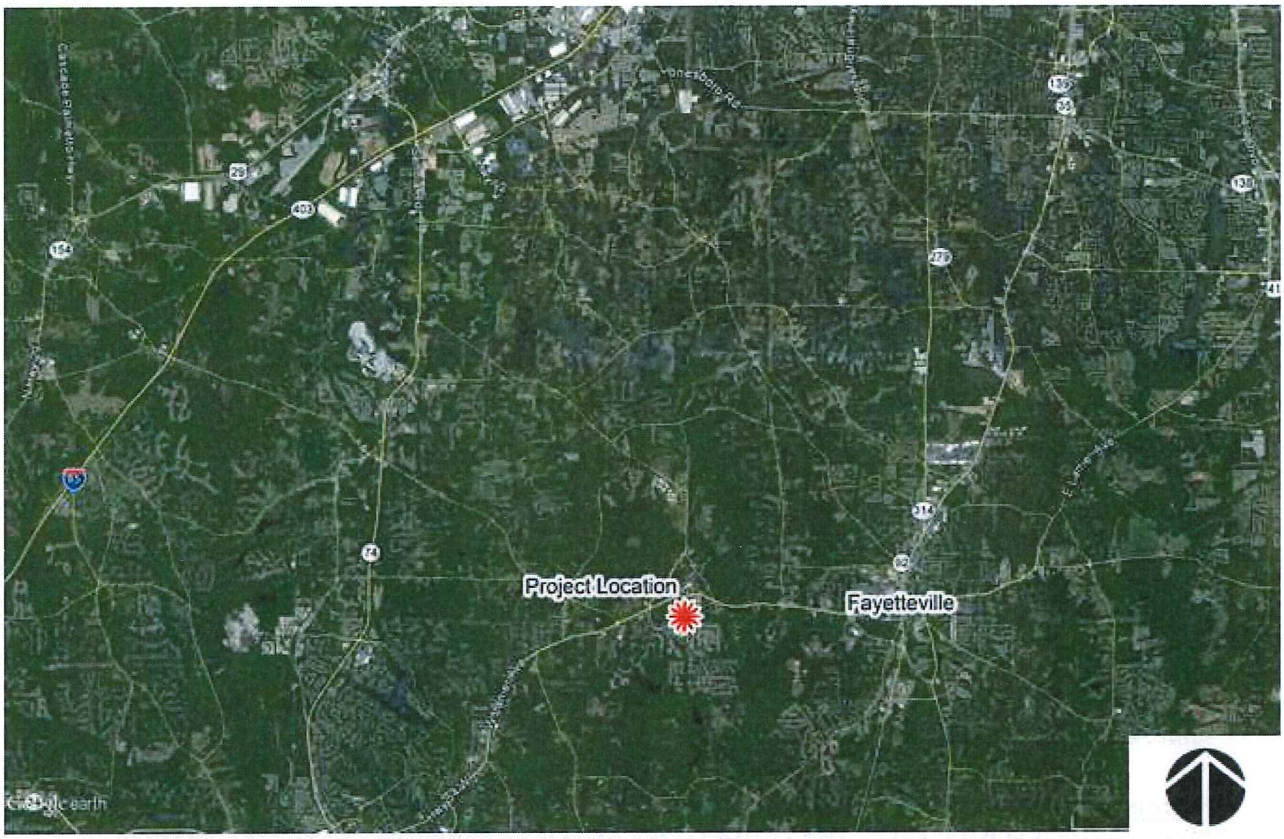
CONCUR: _____
GDOT Director of Engineering

APPROVE: Margaret B. Pickett 11/22/16
GDOT Chief Engineer Date

DATE OF LOCATION AND DESIGN APPROVAL December 7, 2016

Attachments:
- Location Map
- Project Layout
- Cost Estimate
- Notice of Location and Design Approval

Attachment - Location Map



STATE HIGHWAY AGENCY

DATE : 10/05/2016
PAGE : 1

JOB ESTIMATE REPORT

JOB NUMBER : 0012878 SPEC YEAR: 01
DESCRIPTION: SR 54 PED BRIDGE & TRAIL

COST GROUPS FOR JOB 0012878

COST GROUP	DESCRIPTION	QUANTITY	PRICE	AMOUNT	ACTIVE?
MISC	WOODEN HAND RAIL	1630.000	80.00000	130400.00	Y
MISC	BOX CULVERT	1.000	47500.00000	47500.00	Y
MISC	BOX CULVERT	1.000	47500.00000	47500.00	Y
ACTIVE COST GROUP TOTAL				225400.00	
INFLATED COST GROUP TOTAL				225400.00	

ITEMS FOR JOB 0012878

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0055	150-1000		LS	TRAFFIC CONTROL - 0012878	1.000	50000.00	50000.00
0060	210-0100		LS	GRADING COMPLETE - 0012878	1.000	200000.00	200000.00
0065	636-1033		SF	HWY SIGNS, TP1MAT,REFL SH TP 9	10.000	100.00	1000.00
0075	441-0105		SY	CONC SIDEWALK, 5 IN	11115.000	38.00	422370.00
0080	163-0232		AC	TEMPORARY GRASSING	3.000	400.00	1200.00
0085	163-0240		TN	MULCH	2.000	350.00	700.00
0090	163-0300		EA	CONSTRUCTION EXIT	3.000	2000.00	6000.00
0095	163-0529		LF	CNST/REM TEMP SED BAR OR BLD STRW CK DM	5450.000	3.00	16350.00
0100	165-0030		LF	MAINT OF TEMP SILT FENCE, TP C	5450.000	3.00	16350.00
0105	165-0071		LF	MAINT OF SEDIMENT BARRIER - BALED STRAW	5450.000	1.50	8175.00
0110	165-0101		EA	MAINT OF CONST EXIT	3.000	1000.00	3000.00
0120	534-1000		LS	PEDESTRIAN OVERPASS BRIDGE,STA 0012878	1.000	590000.00	590000.00
0125	500-3002		CY	CL AA CONCRETE	25.000	550.00	13750.00
0130	171-0030		LF	TEMPORARY SILT FENCE, TYPE C	10835.000	4.00	43340.00
0135	643-8200		LF	BARRIER FENCE (ORANGE), 4 FT	10835.000	2.00	21670.00
0140	700-6910		AC	PERMANENT GRASSING	3.500	600.00	2100.00
0145	211-0300		CY	BR EXCAV, STREAM CROSSING	20.000	27.63	552.66
0150	603-2181		SY	STN DUMPED RIP RAP, TP 3, 18"	142.000	38.58	5479.08
0155	441-3999		LF	CONCRETE V GUTTER	445.000	18.91	8418.83
0160	550-1180		LF	STM DR PIPE 18",H 1-10	206.000	49.27	10151.59
0165	550-1184		LF	STM DR PIPE 18",H 25-30	14.000	60.00	840.00
0170	550-1360		LF	STM DR PIPE 36",H 1-10	42.000	82.46	3463.61
0175	441-0303		EA	CONC SPILLWAY, TP 3	3.000	1604.82	4814.48
0180	627-1020		SF	MSE WALL FACE, 20 - 30 FT HT, WALL NO - 0012878	8430.000	60.00	505800.00
0185	627-1010		SF	MSE WALL FACE, 10 - 20 FT HT, WALL NO - 0012878	7385.000	60.00	443100.00
ITEM TOTAL							2378625.24
INFLATED ITEM TOTAL							2378625.24

STATE HIGHWAY AGENCY

DATE : 10/05/2016
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JOB ESTIMATE REPORT

TOTALS FOR JOB 0012878

ESTIMATED COST:	2604025.25
CONTINGENCY PERCENT (5.0):	130201.26
ESTIMATED TOTAL:	2734226.51

NOTICE OF LOCATION AND DESIGN APPROVAL
FAYETTE COUNTY
P.I. No. 0012878

Notice is hereby given in compliance with Georgia Code 22-2-109 and 32-3-5 that the Georgia Department of Transportation has approved the Location and Design of this project.

The date of location and design approval is: December 7, 2016

Project P.I. 0012878 proposes an improved pedestrian and cycling crossing facility at SR 54. The pedestrian bridge will be located approximately 941' west of Piedmont Fayette Hospital at the intersection of Togwotee Parkway at SR 54. The bridge will be a pre-fab truss bridge 12' wide and approximately 165' long. The bottom of the bridge will be elevated no less than 18'-6" above the pavement surface of SR 54. The shared-use trail will also be 12' wide and will ramp up to the overpass bridge. The proposed trail location north of SR 54 will continue northbound for approximately 380' to connect to Piedmont Fayette Hospital. On the south side of SR 54, the trail will ramp down into existing grade and continue east for approximately 350' along the south side of SR 54, outside of the existing right-of-way, before turning due south. The trail will run through a forested area for approximately 3,700', making at least two stream crossings, and connect to the existing shared-use trail along Lester Road. This project falls within Land Lots 7, 8, 97, and 128; the project is located in the 5th and 7th Land Districts.

The project is located in the City of Fayetteville in Fayette County. This West Fayetteville path would be from SR 54 to CS 894/Lester Road.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Fayette County Engineering Department:

Fayette County Engineering Department
Email: engineering@fayettecountyga.gov
115 McDonough Rd
Fayetteville, Georgia 30215
Phone: (770)-320-6010

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:

Phil Mallon P.E, County Engineer
Fayette County Engineering Department
Email: engineering@fayettecountyga.gov
115 McDonough Rd
Fayetteville, Georgia 30215
Phone: (770)-320-6010

Any written request or communication in reference to this project or notice SHOULD include the P.I. Number as noted at the top of this notice.