ORIGINAL TO GENERAL FILES

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

OFFICE OF DESIGN POLICY & SUPPORT
INTERDEPARTMENTAL CORRESPONDENCE

FILE P.I. #0008719
CSSFT-0008-00(719)
GDOT District 6 - Cartersville
Whitfield County
SR 3 @ SR 71 Intersection Improvement

OFFICE Design Policy & Support

DATE February 16, 2011

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:

Genetha Rice-Singleton, Program Control Administrator
Ron Wishon, State Project Review Engineer
Phil Copeland, State Right-of-Way Administrator
Glenn Bowman, State Environmental Administrator
Bobby Hilliard, State Program Delivery Engineer
Kathy Zahul, State Traffic Engineer
Cindy VanDyke, State Transportation Planning Administrator
Angela Robinson, Financial Management Administrator
Devon Brooks, Area Engineer - D6, A5
Greg Hood, District Planning & Programming Engineer
DeWayne Comer, District Preconstruction Engineer
Kent Sager, District Engineer
Derrick Cameron, Project Manager
BOARD MEMBER - 9th Congressional District

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE CSSFT-0008-00(719), Whitfield County
P.I. No. 0008719
SR 3 @ SR 71, Intersection Improvement

OFFICE Traffic Operations

DATE January 28, 2011

FROM Kathy Zahul, P.E., State Traffic Engineer

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

SUBJECT **Request for Location Design and Approval**

Description and Project Proposal: The project begins on the North Dalton Bypass (SR 3/US41/US76) just east of the intersection with Glenwood Avenue and Cleveland Highway (SR 71) at MP 18.10 and ends at the west edge of the Norfolk Southern Railway overpass bridge at MP 18.37 for a total project length of 0.27 miles. The entire project is located within Whitfield County and the City of Dalton.

The project proposes improvements to the existing intersection of the North Dalton Bypass (SR 3/US41/US76) with Glenwood Avenue and Cleveland Highway (SR71). The North Dalton Bypass eastbound leg will be improved with an extended right turn lane and the addition of dual left turn lanes. The Glenwood Avenue leg will also be improved with dual left turn lanes that will relocate the raised median between Smith Industrial Boulevard and the North Dalton Bypass.

Concept Approval Date: *December 22, 2010*

Concept Update: *N/A*

Environmental Assessment and Reassessment Approval Date: The Programmatic Categorical Exclusion (PCE) for this project was approved on November 12, 2010.

Public Involvement:

- Public Hearing Open House Results: N/A
- Public Information Open House: N/A

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

Recommendations: It is recommended that the location and design for the project be approved and that the attached Notice be approved for advertising.

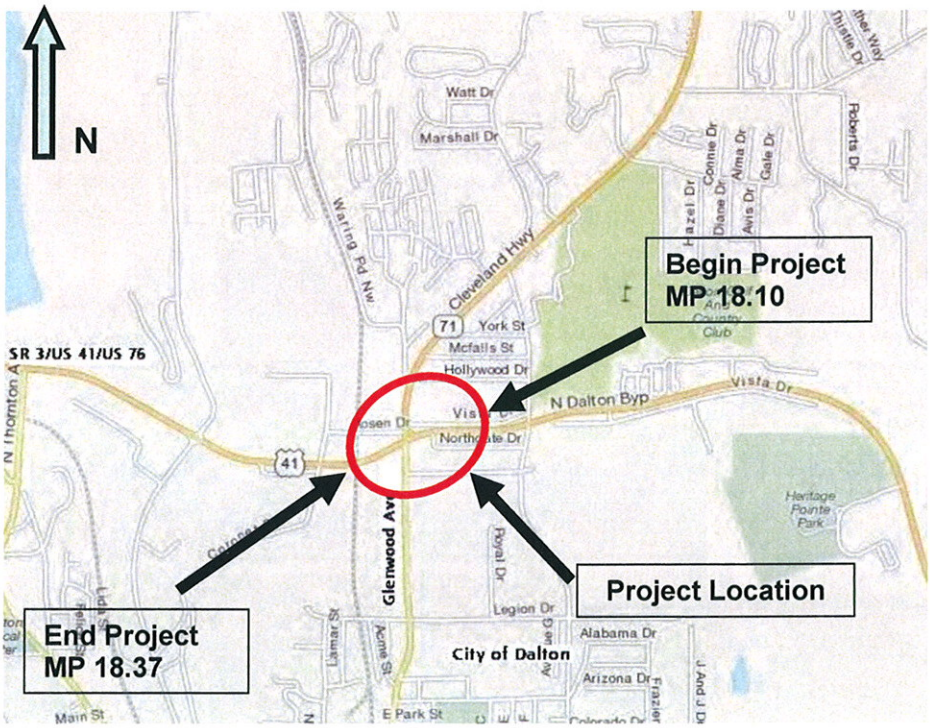
RECOMMEND: _____
Director of Engineering

APPROVE: _____ 2/11/2011
Chief Engineer Date

DATE OF LOCATION AND DESIGN APPROVAL: Feb 16, 2011
(To be entered by the State Conceptual Design Group Manager)

Attachments:

- Sketch Map
- Cost Estimate
- Notice of Location and Design Approval



Project Location Map

JOB ESTIMATE REPORT

JOB NUMBER : PI 0008719 SPEC YEAR: 01
DESCRIPTION: SR 3 @ SR 71
NORTH DALTON BYPASS @ GLENWOOD AVE/CLEVELAND HIGHWAY

ITEMS FOR JOB PI 0008719

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0001	150-1000		LS	TRAFFIC CONTROL - CSSFT-0008-00(719)	1.000	150000.00	150000.00
0005	210-0100		LS	GRADING COMPLETE - CSSFT-0008-00(719)	1.000	100000.00	100000.00
0013	310-5100		SY	GR AGGR BS CRS 10IN INCL MATL	1942.000	23.32	45298.39
0014	310-5120		SY	GR AGGR BS CRS 12IN INCL MATL	2033.000	31.93	64918.81
0015	318-3000		TN	AGGR SURF CRS	150.000	19.20	2880.89
0020	402-1812		TN	RECYL AC LEVELING,INC BM&HL	100.000	77.27	7727.36
0025	402-3121		TN	RECYL AC 25MM SP,GP1/2,BM&HL	559.000	73.72	41210.67
0034	402-3130		TN	RECYL AC 12.5MM SP,GP2,BM&HL	1270.000	73.91	93874.97
0035	402-3190		TN	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	473.000	146.72	69402.14
0040	413-1000		GL	BITUM TACK COAT	1000.000	2.01	2019.76
0044	430-0620		SY	PLN PC CONC PVMT/HES/ 12" TK	1516.000	72.00	109152.00
0045	432-5010		SY	MILL ASPH CONC PVMT,VARB DEPTH	13353.000	2.41	32204.50
0050	441-0104		SY	CONC SIDEWALK, 4 IN	860.000	29.87	25694.92
0055	441-0748		SY	CONC MEDIAN, 6 IN	575.000	34.09	19603.56
0060	441-6221		LF	CONC CURB & GUTTER/ 8"X30"TP1	1277.000	17.80	22736.42
0070	620-0100		LF	TEMP BARRIER, METHOD NO. 1	100.000	38.76	3876.84
0075	634-1200		EA	RIGHT OF WAY MARKERS	10.000	120.00	1200.00
0080	207-0203		CY	FOUND BKFILL MATL, TP II	70.000	56.96	3987.65
0085	550-1180		LF	STM DR PIPE 18",H 1-10	250.000	38.51	9629.52
0090	550-4218		EA	FLARED END SECT 18 IN, ST DR	1.000	585.84	585.84
0095	611-3000		EA	RECONSTR CATCH BASIN, GROUP 1	5.000	2565.14	12825.72
0100	611-3030		EA	REC STORM SEW MANHOLE, TYPE 1	1.000	1477.03	1477.03
0105	611-8000		EA	ADJUST CATCH BASIN TO GRADE	2.000	1769.46	3538.92
0110	668-1100		EA	CATCH BASIN, GP 1	2.000	2755.81	5511.62
0120	668-2100		EA	DROP INLET, GP 1	2.000	1955.45	3910.91
0130	668-4300		EA	STORM SEW MANHOLE, TP 1	2.000	2491.98	4983.96
0135	668-5000		EA	JUNCTION BOX	1.000	1837.03	1837.03
0140	163-0232		AC	TEMPORARY GRASSING	1.000	391.73	391.73
0145	163-0240		TN	MULCH	29.000	217.68	6312.81
0150	163-0300		EA	CONSTRUCTION EXIT	1.000	1356.85	1356.86
0155	163-0503		EA	CONSTR AND REMOVE SILT CONTROL GATE,TP 3	1.000	422.19	422.20
0160	163-0550		EA	CONS & REM INLET SEDIMENT TRAP	6.000	104.19	625.16
0165	165-0010		LF	MAINT OF TEMP SILT FENCE, TP A	850.000	0.69	590.67
0170	165-0087		EA	MAINT OF SILT CONTROL GATE, TP 3	1.000	148.19	148.19
0175	165-0101		EA	MAINT OF CONST EXIT	1.000	601.48	601.48
0180	165-0105		EA	MAINT OF INLET SEDIMENT TRAP	6.000	51.63	309.82
0185	167-1000		EA	WATER QUALITY MONITORING AND SAMPLING	2.000	478.38	956.77
0190	167-1500		MO	WATER QUALITY INSPECTIONS	12.000	690.77	8289.25
0195	171-0010		LF	TEMPORARY SILT FENCE, TYPE A	1700.000	0.99	1690.60
0200	700-6910		AC	PERMANENT GRASSING	2.000	648.62	1297.25
0205	700-7000		TN	AGRICULTURAL LIME	3.000	76.25	228.77
0210	700-7010		GL	LIQUID LIME	8.000	22.56	180.51
0215	700-8000		TN	FERTILIZER MIXED GRADE	1.000	426.71	426.71
0220	700-8100		LB	FERTILIZER NITROGEN CONTENT	103.000	1.77	182.70
0225	716-2000		SY	EROSION CONTROL MATS, SLOPES	551.000	1.04	577.70
0230	610-6515		EA	REM HIGHWAY SIGN, STD	8.000	105.21	841.71
0235	610-6873		EA	REM CONC STRAIN POLE	4.000	148.00	592.00
0240	611-5360		EA	RESET HIGHWAY SIGN	5.000	157.49	787.49

JOB ESTIMATE REPORT

0245	636-1033	SF	HWY SIGNS, TPIMAT,REFL SH TP 9	369.000	19.42	7166.14
0250	636-2080	LF	GALV STEEL POSTS, TP 8	364.000	9.30	3387.46
0255	639-2002	LF	STEEL WIRE STRAND CABLE, 3/8"	355.000	3.53	1255.45
0260	639-4003	EA	STRAIN POLE, TP III	5.000	5812.34	29061.72
0265	653-0120	EA	THERM PVMT MARK, ARROW, TP 2	70.000	66.92	4684.74
0270	653-0170	EA	THERM PVMT MARK, ARROW, TP 7	7.000	82.15	575.10
0275	653-0210	EA	THERM PVMT MARK, WORD , TP 1	12.000	93.13	1117.58
0280	653-1501	LF	THERMO SOLID TRAF ST 5 IN, WHI	10260.000	0.45	4681.84
0285	653-1502	LF	THERMO SOLID TRAF ST, 5 IN YEL	6376.000	0.47	3002.97
0290	653-1704	LF	THERM SOLID TRAF STRIPE,24",WH	291.000	3.75	1093.98
0295	653-1804	LF	THERM SOLID TRAF STRIPE, 8",WH	3213.000	1.68	5416.57
0300	653-1810	LF	THER SLD TRAF STRIPE, 10 IN, W	326.000	2.13	697.46
0305	653-3501	GLF	THERMO SKIP TRAF ST, 5 IN, WHI	11484.000	0.25	2928.31
0310	653-6004	SY	THERM TRAF STRIPING, WHITE	1159.000	2.94	3413.37
0315	653-6006	SY	THERM TRAF STRIPING, YELLOW	80.000	3.37	269.93
0320	654-1003	EA	RAISED PVMT MARKERS TP 3	360.000	4.29	1547.89
0324	639-5000	EA	PRESTRESSED CONC STR POLE, TP- AS DIRECTED BY ENGINEER	4.000	6331.95	25327.81
0330	647-1000	LS	TRAF SIGNAL INSTALLATION NO - AS DIRECTED BY ENGINEER	1.000	150000.00	150000.00
0335	647-2140	EA	PULL BOX, PB-4	1.000	1443.27	1443.27

ITEM TOTAL		1113561.18
INFLATED ITEM TOTAL		1113561.18

TOTALS FOR JOB PI 0008719

ESTIMATED COST:	1113561.15
CONTINGENCY PERCENT (0.0):	0.00
ESTIMATED TOTAL:	1113561.15

CONTINGENCY SUMMARY

Construction Cost Estimate:	$ 1,113,561.18	(Base Estimate)
Engineering and Inspection:	$ 55,678.06	(Base Estimate x 5 %)
Total Fuel Adjustment	$ 37,145.93	(From attached worksheet)
Total Liquid AC Adjustment	$ 70,728.14	(From attached worksheet)
Construction Total:	$ 1,277,113.30	

REIMBURSABLE UTILITY COST

Utility Owner	Reimbursable Cost

Attachments

NOTICE OF LOCATION AND DESIGN APPROVAL

CSSFT-0008-00(719), Whitfield County
P. I. NUMBER 0008719

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 approval is February 16, 2011.

The project proposes improvements to the existing intersection of the North Dalton Bypass (SR 3/US41/US76) with Glenwood Avenue and Cleveland Highway (SR71). The North Dalton Bypass eastbound leg will be improved with an extended right turn lane and the addition of dual left turn lanes. The Glenwood Avenue leg will also be improved with dual left turn lanes that will relocate the raised median between Smith Industrial Boulevard and the North Dalton Bypass. This project is located within land lots 142, 143, 162, and 163 in Whitfield County.

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

Devon Brooks
District 6, Dalton Area Engineer
E-Mail: dbrooks@dot.ga.gov
1313 North Tibbs Road
Dalton, GA 30720
Phone: (706) 272-2211

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:

Kathy Zahul, P.E.
State Traffic Engineer
Office of Traffic Operations
Email: kzahul@dot.ga.gov
935 East Confederate Avenue, Bldg. 24
Atlanta, Georgia 30316
(404) 635-8115

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