

ORIGINAL TO GENERAL FILES

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

OFFICE OF DESIGN POLICY & SUPPORT INTERDEPARTMENTAL CORRESPONDENCE

FILE P.I. #132950-
STP00-0013-01(063)
GDOT District 1 - Gainesville
Gwinnett & Hall Counties
Widening: SR 13/Buford Hwy from
CS 1120/Sawnee Ave (Gwinnett) to SR 347 (Hall)

OFFICE Design Policy & Support

DATE July 24, 2013

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:

Bobby Hilliard, Program Control Administrator
Genetha Rice-Singleton, State Program Delivery Engineer
Glenn Bowman, State Environmental Administrator
Kathy Zahul, State Traffic Engineer
Phil Copeland, State Right-of-Way Administrator
Lisa Myers, State Project Review Engineer
Cindy VanDyke, State Transportation Planning Administrator
Ken Thompson, Location Bureau Chief
Angela Robinson, Financial Management Administrator
Bayne Smith, District Engineer
Brent Cook, District Preconstruction Engineer
Kim Coley, District Planning & Programming Engineer
Matthew Needham, Area Engineer - D1, A1
Brandon Kirby, Project Manager
BOARD MEMBER - 7th & 9th Congressional Districts

Project Number: STP00-0013-01(063)

Counties: Gwinnett & Hall

P. I. Number: 132950

- A public information open house was held on October 4, 2012 at which 39 people were in attendance. Of the comments received, 2 were in support of the project, 2 were in opposition, 1 was uncommitted and 0 offered conditional support. Concerns included the cul-de-sac design of Bryant Rd and the relocation of the proposed swale on the O'Connor property.

Consistency with Approved Planning:

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

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

CONCUR: *[Signature]* 7/17/2013
Director of Preconstruction

APPROVE: *[Signature]*
Chief Engineer

7/22/13
Date

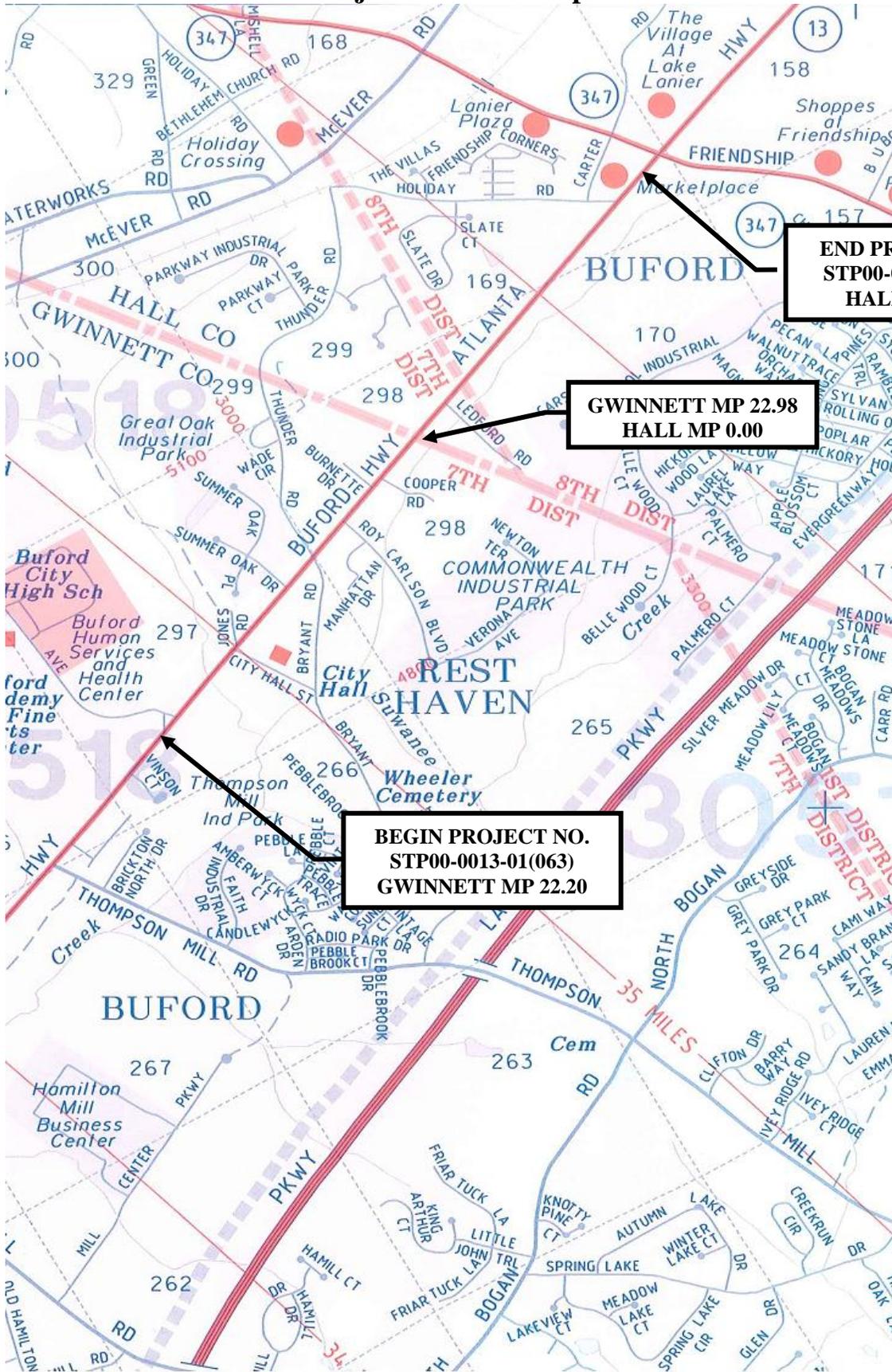
DATE OF LOCATION AND DESIGN APPROVAL: July 24, 2013

Attachments:

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

(to be entered by the State
Conceptual Design Group
Manager)

Project Location Map



DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE PROJECT No. , , OFFICE

DATE

P.I. No. *Per Kirby for*

FROM

TO Lisa L. Myers, Project Review Engineer

SUBJECT REVISIONS TO PROGRAMMED COSTS

PROJECT MANAGER

MNGT LET DATE

MNGT R/W DATE

PROGRAMMED COST (TPro W/OUT INFLATION)

CONSTRUCTION \$

RIGHT OF WAY \$

UTILITIES \$

LAST ESTIMATE UPDATE

DATE

DATE

DATE

REVISED COST ESTIMATES

CONSTRUCTION* \$

RIGHT OF WAY \$

UTILITIES \$

* Costs contain > % Engineering and Inspection

REASON FOR COST INCREASE

CONTINGENCY SUMMARY

Construction Cost Estimate:	\$ 6,844,787.86	(Base Estimate)
Engineering and Inspection:	\$ 342,239.39	(Base Estimate x 5 %)
Total Liquid AC Adjustment	\$ 719,371.43	(From attached worksheet)
Construction Total:	\$ 7,906,398.68	

REIMBURSABLE UTILITY COST

Utility Owner

Reimbursable Cost

Attachments

JOB DETAIL ESTIMATE

JOB NUMBER : STP00-0013-01 C SPEC YEAR: 01
DESCRIPTION: SR 13/BUFORD HIGHWAY WIDENING FROM SAWNEE AVE TO SR 347

ITEMS FOR JOB STP00-0013-01 C

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0003	150-1000		LS	TRAFFIC CONTROL - STP00-0013-01(063)	1.000	200000.00	200000.00
0004	150-5010		EA	TRAF CTRL, PORTABLE IMPACT ATTN	9.000	5760.85	51847.71
0005	205-0001		CY	UNCLASS EXCAV	48668.000	2.30	111936.40
0010	206-0002		CY	BORROW EXCAV, INCL MATL	24927.000	4.22	105191.94
0015	310-1101		TN	GR AGGR BASE CRS, INCL MATL	61000.000	12.35	753446.38
0020	402-3121		TN	RECYL AC 25MM SP, GP1/2, BM&HL	22000.000	62.96	1385319.98
0025	402-3130		TN	RECYL AC 12.5MM SP, GP2, BM&HL	6900.000	71.44	492994.65
0030	402-3190		TN	RECYL AC 19 MM SP, GP 1 OR 2, INC BM&HL	9100.000	63.86	581194.52
0035	413-1000		GL	BITUM TACK COAT	8200.000	2.26	18569.15
0040	441-0014		SY	DRIVEWAY CONCRETE, 4 IN TK	630.000	28.58	18005.40
0045	441-0016		SY	DRIVEWAY CONCRETE, 6 IN TK	230.000	30.57	7032.46
0050	441-0104		SY	CONC SIDEWALK, 4 IN	9400.000	20.23	190169.99
0055	441-0740		SY	CONC MEDIAN, 4 IN	1300.000	18.85	24506.14
0060	441-4020		SY	CONC VALLEY GUTTER, 6 IN	520.000	36.39	18926.16
0065	441-4030		SY	CONC VALLEY GUTTER, 8 IN	80.000	40.67	3253.97
0070	441-5002		LF	CONC HEADER CURB, 6" TP 2	810.000	11.85	9605.88
0075	441-5004		LF	CONC HEADER CURB, 10" TP 4	60.000	17.88	1072.80
0080	441-6222		LF	CONC CURB & GUTTER/ 8"X30" TP2	16750.000	6.39	107188.61
0085	441-6740		LF	CONC CURB & GUTTER/ 8"X30" TP7	16750.000	10.88	182333.30
0089	620-0200		LF	TEMP BARRIER, METHOD NO. 2	2650.000	50.13	132864.96
0090	641-1200		LF	GUARDRAIL, TP W	3400.000	6.92	23551.36
0095	641-2200		LF	DBL FACED GUARDRAIL, TP W	140.000	20.31	2843.40
0100	641-5000		EA	GUARDRAIL ANCHORAGE, SPCL DES	2.000	1986.80	3973.60
0105	641-5001		EA	GUARDRAIL ANCHORAGE, TP 1	10.000	6908.20	6908.20
0110	641-5012		EA	GUARDRAIL ANCHORAGE, TP 12	10.000	1865.37	18653.72
0115	441-0304		EA	CONC SPILLWAY, TP 4	1.000	1750.00	1750.00
0120	500-3101		CY	CLASS A CONCRETE	475.000	365.00	173375.99
0125	500-3800		CY	CL A CONC, INCL REINF STEEL	15.000	901.11	13516.72
0130	511-1000		LB	BAR REINF STEEL	63000.000	0.47	29781.99
0135	550-1180		LF	STM DR PIPE 18", H 1-10	11700.000	29.52	345491.76
0140	550-1181		LF	STM DR PIPE 18", H 10-15	90.000	34.15	3073.50
0145	550-1240		LF	STM DR PIPE 24", H 1-10	2040.000	36.70	74883.71
0150	550-1300		LF	STM DR PIPE 30", H 1-10	1250.000	51.01	63766.20
0155	550-1360		LF	STM DR PIPE 36", H 1-10	260.000	59.68	15519.13
0160	550-3318		EA	SAFETY END SECTION 18", STD, 4:1	5.000	577.94	2889.72
0165	550-4118		EA	FLARED END SECT 18 IN, SIDE DR	5.000	323.64	1618.20
0170	550-4218		EA	FLARED END SECT 18 IN, ST DR	3.000	474.42	1423.26
0175	550-4224		EA	FLARED END SECT 24 IN, ST DR	2.000	584.31	1168.63
0180	603-2180		SY	STN DUMPED RIP RAP, TP 3, 12"	1400.000	33.12	46368.00
0185	603-7000		SY	PLASTIC FILTER FABRIC	1400.000	5.65	7917.77
0190	611-8000		EA	ADJUST CATCH BASIN TO GRADE	2.000	2107.68	4215.36
0195	611-8050		EA	ADJUST MANHOLE TO GRADE	1.000	860.09	860.10

JOB DETAIL ESTIMATE

Item No.	Description	EA	2137.77	133.000	284324.56
0200	CATCH BASIN, GP 1	EA	2137.77	133.000	284324.56
0205	DROP INLET, GP 1	EA	1780.35	32.000	56971.41
0210	STORM SEW MANHOLE, TP 1	EA	1723.23	4.000	6892.96
0215	TEMPORARY GRASSING	AC	27.59	14.000	386.35
0220	MULCH	TN	248.76	50.000	12438.07
0225	CONSTRUCTION EXIT	EA	1180.72	6.000	7084.34
0229	CONSTR AND REMOVE SILT CONTROL GATE, TP 1	EA	450.68	2.000	901.36
0230	CONSTR & REM SEDIMENT BASIN, TP 1, STA NO- XX+XX	EA	8220.20	1.000	8220.20
0235	MAINT OF TEMP SILT FENCE, TP A	LF	0.38	1300.000	506.53
0240	MAINT OF TEMP SILT FENCE, TP C	LF	0.58	2950.000	1716.25
0245	MAINT OF TEMP SEDIMENT BASIN, STA NO -	EA	1228.23	1.000	1228.23
0250	MAINT OF CONST EXIT	EA	484.33	6.000	2906.00
0255	WATER QUALITY MONITORING AND SAMPLING	EA	396.38	1.000	396.38
0260	WATER QUALITY INSPECTIONS	MO	408.06	18.000	7345.16
0265	TEMPORARY SILT FENCE, TYPE A	LF	2.00	2600.000	5201.35
0270	TEMPORARY SILT FENCE, TYPE C	LF	3.96	5900.000	23420.23
0275	CLEARING & GRUBBING -	LS	245000.00	1.000	245000.00
0280	PERMANENT GRASSING	AC	591.94	14.000	8287.19
0285	AGRICULTURAL LIME	TN	47.27	120.000	5672.70
0295	FERTILIZER MIXED GRADE	TN	455.05	10.000	4550.52
0300	FERTILIZER NITROGEN CONTENT	LB	1.93	1000.000	1932.69
0305	EROSION CONTROL MATS, SLOPES	SY	1.01	4000.000	4059.72
0310	HWY SGN, TP1MAT, REFL SH TP3	SF	14.58	35.000	510.52
0315	HWY SGN, TP2 MATL, REFL SH TP 3	SF	15.06	150.000	2260.34
0320	HWY SIGNS, TP1MAT, REFL SH TP 9	SF	12.27	200.000	2454.36
0325	HWY SIGNS, TP 2MAT, REFL SH TP 9	SF	20.22	30.000	606.64
0330	GALV STEEL POSTS, TP 7	LF	11.99	50.000	599.62
0335	GALV STEEL POSTS, TP 8	LF	9.44	400.000	3778.38
0340	THERM PVMT MARK, ARROW, TP 2	EA	72.19	60.000	4331.78
0345	THERM PVMT MARK, ARROW, TP 7	EA	80.40	8.000	643.26
0346	THERMO SOLID TRAF ST 5 IN, WHI	LF	0.13	38456.000	5096.57
0347	THERM SOLID TRAF STRIPE, 24", WH	LF	5.55	350.000	1945.63
0348	THERM SOLID TRAF STRIPE, 8", WH	LF	2.62	9200.000	24112.56
0349	THERMO SKIP TRAF ST 5 IN, WHI	GLF	0.23	19228.000	4501.66
0350	THERM TRAF STRIPING, WHITE	SY	3.00	550.000	1651.81
0354	THERM TRAF STRIPING, YELLOW	SY	2.81	300.000	843.66
0355	RAISED PVMT MARKERS TP 1	EA	4.12	100.000	412.17
0360	RAISED PVMT MARKERS TP 3	EA	3.89	800.000	3119.20
0365	STEEL STRAIN POLE, TP IV	EA	10486.91	20.000	209738.26
0369	TRAF SIGNAL INSTALLATION NO -	LS	100000.00	1.000	100000.00
0370	STP00-0013-01(063) TRAF SIGNAL #1	LS	100000.00	1.000	100000.00
0375	TRAF SIGNAL INSTALLATION NO -	EA	955.26	2.000	1910.52
0380	PULL BOX, PB-4	EA	1233.84	3.000	3701.52
0385	PULL BOX, PB-5	EA	3.39	1100.000	3733.26
0390	CONDUIT, NONMETL, TP 3, 2 IN	LF	1.16	3000.000	3480.00
0395	OUT PLNT FBR OPT CBL, LOOSE TB, SM, 72 FBR	LF	2.43	300.000	729.00
0395	OUT PLNT FBR OPT CBL, DROP, SM, 12 FBR	LF			

STATE HIGHWAY AGENCY

CEC_2013-06-05.TXT
 JOB DETAIL ESTIMATE

0400	935-3103	EA	FIBER OPTIC CLOSURE, UNDRGRD, 24 FBR	3.000	555.56	1666.68
0405	935-4010	EA	FIBER OPTIC SPLICE, FUSION	12.000	30.46	365.52
0410	939-6000	EA	HUB UNINTERRUPTIBLE POWER SUPPLY	3.000	2928.38	8785.14
0415	500-3101	CY	CLASS A CONCRETE	850.000	365.00	310251.78
0425	153-1300	EA	FIELD ENGINEERS OFFICE TP 3	1.000	75408.77	75408.78
0430	634-1200	EA	RIGHT OF WAY MARKERS	225.000	99.06	22289.63
0435	163-0503	EA	CONSTR AND REMOVE SILT CONTROL GATE, TP 3	44.000	319.66	14065.31
0440	165-0085	EA	MAINT OF SILT CONTROL GATE, TP 1	2.000	110.40	220.80
0445	165-0087	EA	MAINT OF SILT CONTROL GATE, TP 3	44.000	70.92	3120.58
ITEM TOTAL						6844787.84
INFLATED ITEM TOTAL						6844787.86

TOTALS FOR JOB STP00-0013-01 (

ESTIMATED COST:

CONTINGENCY PERCENT (0.0):

ESTIMATED TOTAL:

6844787.86
 0.00
 6844787.86

NOTICE OF LOCATION AND DESIGN APPROVAL

Project Number: STP-0013-01(063)

Gwinnett/Hall Counties

P. I. NUMBER: 132950

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 July 24, 2013

The project consists of the widening of Buford Highway (SR 13), an urban minor arterial, from Sawnee Avenue in Gwinnett County to SR 347 in Hall County. The proposed typical section includes an urban four-lane divided highway (two 11-foot travel lanes in either direction) with a 20-foot raised grass median, auxiliary lanes at major intersections, 12-foot urban shoulders, curb and gutter, and five-foot sidewalks on the east side and eight-foot sidewalks on the west side. The existing right-of-way varies from approximately 80 to 100 feet. The proposed right-of-way would vary from 90 to 114 feet on Buford Highway (SR 13) and 84 to 105 feet on adjacent side streets. The total length of the project would be approximately 1.65 miles. The existing roadway currently consists of two lanes with a variable width, two-way left turn lane and right turn lanes at most major intersections.

This project is located 54 percent within Gwinnett County and Congressional District No. 7, and 46 percent within Hall County and Congressional District No. 9. This project is located in Land Lots 169, 170, 297 & 298. This project is located in Georgia Militia District 1255.

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

Matt Needham
mneedham@dot.ga.gov
2594 Gillsville Highway
Gainesville, GA 30507
706.535.5759

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and submitting a written request to:

Genetha Rice-Singleton, P.E., State Program Delivery Engineer
Georgia Department of Transportation
Office of Program Delivery 25th
600 West Peachtree Street NW
Atlanta, GA 30308
Email: grice-singleton@dot.ga.gov
404.631.1522

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.