

William Wilson – Spalding County Commissioner, Anthony Dukes, and Ray Leightner – Griffin Daily News.

Consistency with Approved Planning:

The design description presented herein and submitted for approval is consistent with the approved Revised 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.

CONCUR : *Karl Aspinwall 5-7-13*
Director of Engineering

APPROVE: *Bill A. M. M. G.* *5/13/13*
Chief Engineer Date

DATE OF LOCATION AND DESIGN APPROVAL: *May 15, 2013*
(To be entered by the State Conceptual Design Group Manager)

Attachments:

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

DETAILED COST ESTIMATE



Job: 0000409

JOB NUMBER 0000409

FED/STATE PROJECT NUMBER

SPEC YEAR: 01

DESCRIPTION: SR 16 AT CR 496/688/OLD 85 CONN./HOLLONVILLE RD.
STP00-0000-00(409)

ITEMS FOR JOB 0000409

0010 - ROADWAY

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0005	150-1000	1.000	LS	\$50,000.00000	TRAFFIC CONTROL - STP00-0000-00(409)	\$50,000.00
0010	210-0100	1.000	LS	\$50,000.00000	GRADING COMPLETE - STP00-0000-00(409)	\$50,000.00
0015	310-1101	1781.000	TN	\$20.03981	GR AGGR BASE CRS, INCL MATL	\$35,690.90
0020	402-3103	416.000	TN	\$69.51240	REC AC 9.5 MM SP,TPII,GP2, INCL BM & H L	\$28,917.16
0025	402-3121	617.000	TN	\$66.00296	RECYL AC 25MM SP,GP1/2,BM&HL	\$40,723.83
0030	402-3190	311.000	TN	\$70.21549	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	\$21,837.02
0035	413-1000	409.000	GL	\$2.42599	BITUM TACK COAT	\$992.23
0195	432-5010	4738.000	SY	\$3.49623	MILL ASPH CONC PVMT,VARB DEPTH	\$16,565.14
0250	439-0022	559.000	SY	\$66.00434	PLN PC CONC PVMT CL3 10" THK	\$36,896.43
0034	441-0018	130.000	SY	\$38.92454	DRIVEWAY CONCRETE, 8 IN TK	\$5,060.19
0049	441-0104	695.000	SY	\$36.51131	CONC SIDEWALK, 4 IN	\$25,375.36
0050	441-0303	4.000	EA	\$1,773.15376	CONC SPILLWAY, TP 3	\$7,092.62
0055	441-0754	254.000	SY	\$44.54232	CONC MEDIAN, 7 1/2 IN	\$11,313.75
0060	441-5008	233.000	LF	\$11.18000	CONC HEADER CURB, 6 IN, TP 7	\$2,604.94
0065	441-5011	344.000	LF	\$11.23000	CONC HDR CURB, 6 IN, TP 9A	\$3,863.12
0070	441-6222	2225.000	LF	\$14.20964	CONC CURB & GUTTER/ 8"X30"TP2	\$31,616.45
0075	446-1100	1061.000	LF	\$4.47806	PVMT REF FAB STRIPS, TP2,18 INCH WIDTH	\$4,751.22
0085	500-3200	11.000	CY	\$432.30026	CL B CONC	\$4,755.30
0190	550-1180	80.000	LF	\$32.95022	STM DR PIPE 18",H 1-10	\$2,636.02
0080	634-1200	28.000	EA	\$102.75191	RIGHT OF WAY MARKERS	\$2,877.05
SUBTOTAL FOR ROADWAY:						\$383,568.73

0020 - PERMANENT EROSION CONTROL

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0185	163-0240	24.000	TN	\$242.45037	MULCH	\$5,818.81
0090	700-6910	1.800	AC	\$643.85667	PERMANENT GRASSING	\$1,158.94
0095	700-7000	5.400	TN	\$32.38133	AGRICULTURAL LIME	\$174.86
0100	700-8000	2.520	TN	\$403.19649	FERTILIZER MIXED GRADE	\$1,016.06
0105	700-8100	90.000	LB	\$1.78696	FERTILIZER NITROGEN CONTENT	\$160.83
SUBTOTAL FOR PERMANENT EROSION CONTROL:						\$8,329.50

DETAILED COST ESTIMATE



Job: 0000409

0030 - TEMPORARY EROSION CONTROL

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0110	163-0232	0.900	AC	\$64.41916	TEMPORARY GRASSING	\$57.98
0115	163-0240	12.000	TN	\$263.63811	MULCH	\$3,163.66
0120	163-0300	4.000	EA	\$1,213.86821	CONSTRUCTION EXIT	\$4,855.47
0125	165-0010	1631.000	LF	\$0.57937	MAINT OF TEMP SILT FENCE, TP A	\$944.95
0130	165-0101	4.000	EA	\$472.40980	MAINT OF CONST EXIT	\$1,889.64
0135	171-0010	3262.000	LF	\$1.64162	TEMPORARY SILT FENCE, TYPE A	\$5,354.96
SUBTOTAL FOR TEMPORARY EROSION CONTROL:						\$16,266.66

0040 - SIGNING & MARKING

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0145	653-1501	2836.000	LF	\$0.44101	THERMO SOLID TRAF ST 5 IN, WHI	\$1,250.70
0140	653-1502	2263.000	LF	\$0.42134	THERMO SOLID TRAF ST, 5 IN YEL	\$953.49
SUBTOTAL FOR SIGNING & MARKING:						\$2,204.19

0050 - LANDSCAPING

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0170	700-9300	2000.000	SY	\$3.72220	SOD	\$7,444.40
0150	702-0105	3.000	EA	\$63.44724	BETULA NIGRA - HERITAGE RIVER BIRCH, 3 INCH CALIPER	\$190.34
0155	702-0330	215.000	EA	\$10.00000	HEMEROCALLIS SPECIES - DAYLILY, 1-GALLON	\$2,150.00
0160	702-0471	72.000	EA	\$140.00000	ILEX VOMITORIA NANA -	\$10,080.00
0165	702-0542	9.000	EA	\$107.46651	LAGERSTROEMIA INDICA - ACMA DWRF CRPEMRTL,6-8FT TREE-FMMIN3ST	\$967.20
0180	702-9005	100.000	LB	\$8.15818	SPRING APPLICATION FERTILIZER	\$815.82
0175	702-9025	136.000	SY	\$5.60705	LANDSCAPE MULCH	\$762.56
SUBTOTAL FOR LANDSCAPING:						\$22,410.32

0060 - LIGHTING

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0205	615-1200	660.000	LF	\$11.09930	DIRECTIONAL BORE - CONDUIT, NONMETAL, 2 IN	\$7,325.54
0210	647-2120	24.000	EA	\$285.57467	PULL BOX, PB-2	\$6,853.79
0215	681-4230	12.000	EA	\$4,840.00000	LT STD, 50' MH, POST TOP	\$58,080.00
0220	681-6446	48.000	EA	\$727.52500	LUMINAIRE,TP 4, 250W,HP SODIUM	\$34,921.20
0225	682-1505	6000.000	LF	\$1.30000	CABLE, TP RHH/RHW, AWG NO 8	\$7,800.00
0230	682-6222	720.000	LF	\$8.39289	CONDUIT, NONMETL, TP 2, 2 IN	\$6,042.88
0235	682-6233	1320.000	LF	\$2.19815	CONDUIT, NONMETL, TP 3, 2 IN	\$2,901.56
0240	682-9000	1.000	LS	\$17,033.70000	MAIN SVC PICK UP POINT	\$17,033.70
0245	682-9010	12.000	EA	\$603.31278	SVC POLE RISER	\$7,239.75
SUBTOTAL FOR LIGHTING:						\$148,198.42

TOTALS FOR JOB 0000409

DETAILED COST ESTIMATE



Job: 0000409

ITEMS COST:	\$580,977.82
COST GROUP COST:	\$0.00
ESTIMATED COST:	\$580,977.82
CONTINGENCY PERCENT:	0.00
ENGINEERING AND INSPECTION:	0.05
ESTIMATED COST WITH CONTINGENCY AND E&I:	\$610,026.71

PROJ. NO.

STP00-0000-00(409)

CALL NO.

P.I. NO.

0000409

DATE

4/30/2013

INDEX (TYPE)

DATE INDEX

REG. UNLEADED

Apr-13 \$ 3.498

DIESEL

\$ 3.970

LIQUID AC

\$ 565.00

Link to Fuel and AC Index:

<http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx>

LIQUID AC ADJUSTMENTS

PA=[((APM-APL)/APL)]xTMTxAPL

Asphalt

Price Adjustment (PA)

22780.8

\$

22,780.80

Monthly Asphalt Cement Price month placed (APM)

Max. Cap

60%

\$ 904.00

Monthly Asphalt Cement Price month project let (APL)

\$ 565.00

Total Monthly Tonnage of asphalt cement (TMT)

67.2

ASPHALT	Tons	%AC	AC ton
Leveling		5.0%	0
12.5 OGFC		5.0%	0
12.5 mm		5.0%	0
9.5 mm SP	416	5.0%	20.8
25 mm SP	617	5.0%	30.85
19 mm SP	311	5.0%	15.55
	1344		67.2

BITUMINOUS TACK COAT

Price Adjustment (PA)

\$ 595.52

\$

595.52

Monthly Asphalt Cement Price month placed (APM)

Max. Cap

60%

\$ 904.00

Monthly Asphalt Cement Price month project let (APL)

\$ 565.00

Total Monthly Tonnage of asphalt cement (TMT)

1.756696277

Bitum Tack

Gals	gals/ton	tons
409	232.8234	1.75669628

PROJ. NO.

STP00-0000-00(409)

CALL NO.

P.I. NO.

0000409

DATE

4/30/2013

BITUMINOUS TACK COAT (surface treatment)

Price Adjustment (PA)					0	\$	-
Monthly Asphalt Cement Price month placed (APM)		Max. Cap	60%	\$	904.00		
Monthly Asphalt Cement Price month project let (APL)				\$	565.00		
Total Monthly Tonnage of asphalt cement (TMT)					0		

Bitum Tack	SY	Gals/SY	Gals	gals/ton	tons
Single Surf. Trmt.		0.20	0	232.8234	0
Double Surf.Trmt.		0.44	0	232.8234	0
Triple Surf. Trmt		0.71	0	232.8234	0
					0

TOTAL LIQUID AC ADJUSTMENT						\$	23,376.32
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GEORGIA DEPARTMENT OF TRANSPORTATION
PRELIMINARY ROW COST ESTIMATE SUMMARY

Date: 4/23/2013 Project: STP00-00(409)
 Revised: County: Spalding
 PI: 000409
 Description: SR 16 @ CR 496/Old 85 Conn/Hollonville Road
 Project Termini: SR 16 @ CR 496/Old 85 Conn/Hollonville Road

Existing ROW: Varies
 Required ROW: Varies
 Parcels: 7

Land and Improvements _____ \$185,250.00

Proximity Damage	\$0.00
Consequential Damage	\$0.00
Cost to Cures	\$0.00
Trade Fixtures	\$0.00
Improvements	\$66,000.00

Valuation Services _____ \$13,750.00

Legal Services _____ \$79,725.00

Relocation _____ \$14,000.00

Demolition _____ \$0.00

Administrative _____ \$64,000.00

TOTAL ESTIMATED COSTS _____ \$356,725.00

TOTAL ESTIMATED COSTS (ROUNDED) _____ \$357,000.00

Preparation Credits	Hours	Signature

Prepared By: Dashone Alexander CG#: 286999 04/23/2013 (E)
 Approved By: Dashone Alexander CG#: 286999 04/23/2013 (E)

NOTE: No Market Appreciation is included in this Preliminary Cost Estimate

NOTICE OF LOCATION AND DESIGN APPROVAL

STP00-0000-00(409) Spalding County P.I. Number 0000409

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 May 15, 2013.

The project is located in Spalding County (Land Lots 014 & 015) at the intersection of SR 16/Newnan Road, CR 688/Old 85 Connector and CR 496/Hollonville Road, approximately thirteen (13) miles west of the City of Griffin in Spalding County, and one-half (1/2) mile east of the Coweta County line.

The project consists of replacing the current 2-way stop intersection at SR 16/Newnan Road, CR 688/Old 85 Connector and CR 496/Hollonville Road, with a single lane roundabout. 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:

Mike Williams
miwilliams@dot.ga.gov
1001 Highway 19 South
Griffin, GA 30223
770-228-7205

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:

Genetha Rice-Singleton
Office of Program Delivery
grice-singleton@dot.ga.gov
600 W. Peachtree St.
Atlanta, GA 30308
404-631-1522

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