ORIGINAL TO GENERAL FILES

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

OFFICE OF DESIGN POLICY & SUPPORT
INTERDEPARTMENTAL CORRESPONDENCE

FILE P.I. #0000408
STP00-0000-00(408)
GDOT District 3 - Thomaston
Spalding County
SR 16 @ CR 35/Vaughn Rd & CR 507/Rover Rd-
Turn Lanes

OFFICE Design Policy & Support

DATE March 7, 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
Russell McMurry, State Roadway Design Engineer
Mark Sanford, Area Engineer - D3, A5
Jack Reed, District Planning & Programming Engineer
Bill Rountree, District Preconstruction Engineer
David Millen, District Engineer
Kimberly Nesbitt, Project Manager
BOARD MEMBER - 3rd Congressional District

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE STP00-0000-00(408) Spalding County
P.I. No. 0000408
SR 16 @ CR 35/Vaughn Road &
CR 507/Rover Zetella Road

OFFICE Program Delivery

DATE February 8, 2011

FROM Bobby Hilliard, P.E.; State Program Delivery Engineer B.H.

TO Brent Story, P.E.; State Design Policy Engineer
ATTN: Dave Peters

SUBJECT **Request for Location and Design Approval**

Description and Project Proposal:
The project is located in Spalding County at the intersection of SR 16/Newnan Road and CR 35/Vaughn Road and CR 507/Rover Zetella Road, approximately six (6) miles west of the City of Griffin in Spalding County, and three (3) miles north of the Pike County line. The project will begin at mile post 6.84 and end at mile post 7.29 on SR 16/Newnan Road. The intersection of SR 16/Newnan Road and CR 35/Vaughn Road and CR 507/Rover Zetella Road is located at mile post 7.0. The project consists of widening SR 16/Newnan Road, CR 35/Vaughn Road, and CR 507/Rover Zetella Road for inclusion of left and right turn lanes on all approaches. A stop and go traffic signal will also be installed.

SR 16/Newnan Road will be widened for eastbound and westbound left and right turn lanes, respectively, onto CR 35/Vaughn Road and CR 507/Rover Zetella Road. CR 35/Vaughn Road and CR 507/Rover Zetella Road will be widened for a southbound and northbound left and right turn lanes, respectively, onto SR 16/Newnan Road. The shoulders on SR 16/Newnan Road will be ten (10) feet wide with six and a half (6.5) feet being paved and three and a half (3.5) feet being grassed. The shoulders on CR 35/Vaughn Road and CR 507/Rover Zetella Road will be eight (8) feet wide with four (4) feet paved and four (4) feet grassed.

Concept Approval Date:
Original Concept Approval: November 1, 2001
Revised Concept Approval: February 8, 2011

Concept Update:
None

Environmental Document Type, Approval Date & any Reevaluations:
Categorical Exclusion was approved on July 29, 2008.

Public Involvement:
None

- Public Hearing Open House Results: Due to the minor nature of the project, no public hearing has been held.
- Public Information Open House: Due to the minor nature of the project, no public information open house has been held.

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.

RECOMMEND: James B. Burks
Director of Engineering

APPROVE: Gerald M. Ross
Chief Engineer

3·1·11
Date

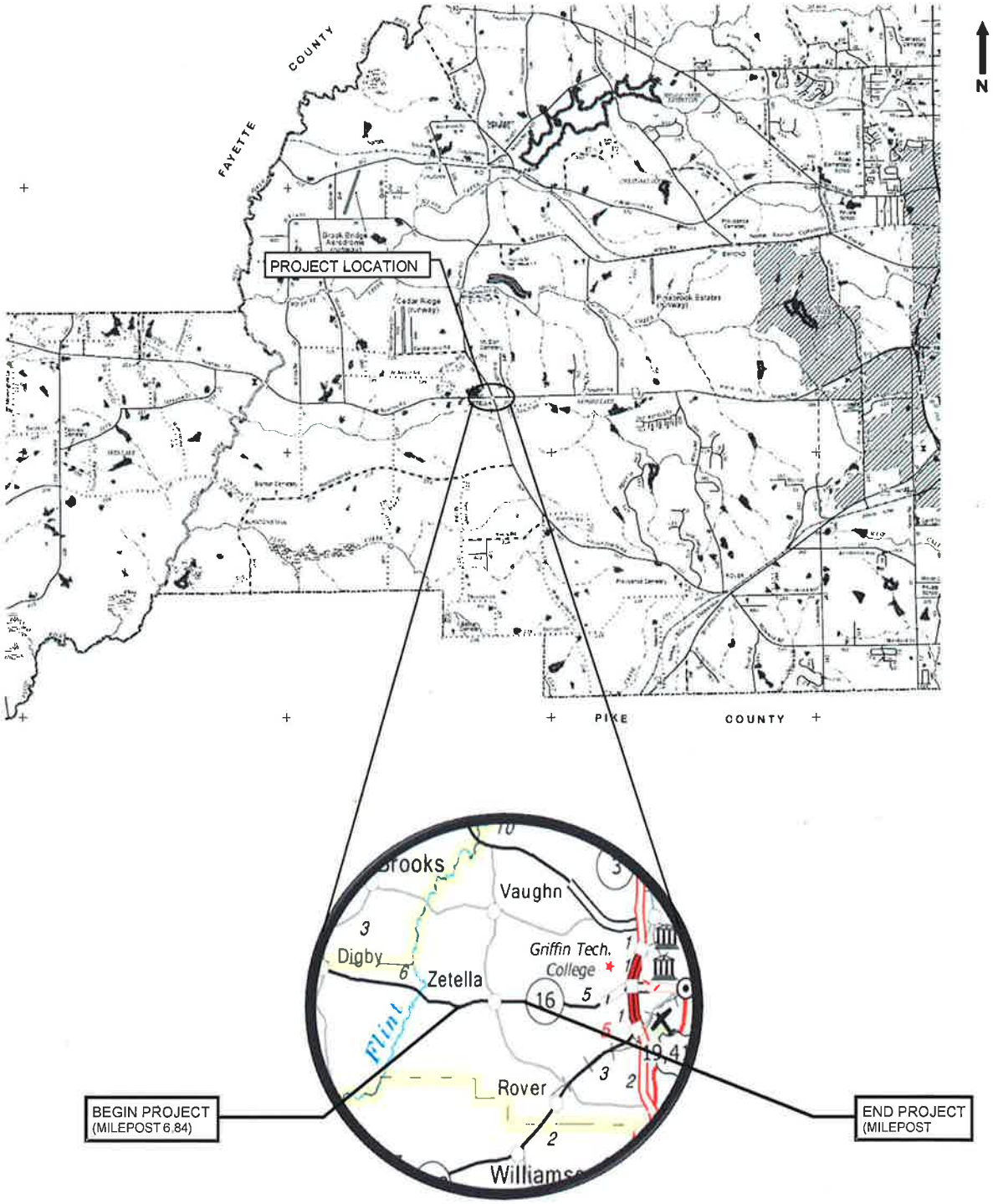
DATE OF LOCATION AND DESIGN APPROVAL: March 7, 2011
(To be entered by the State Conceptual Design Group Manager)

Attachments:

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

REVISED PROJECT CONCEPT REPORT
P. I. Number: 0000408
Project Number: STP00-0000-00(408)
County: Spalding

SITE LOCATION MAP



DATE : 10/26/2010
PAGE : 1

JOB DETAIL ESTIMATE

JOB NUMBER : 0000408 SPEC YEAR: 01
DESCRIPTION: SR 16 AT CR 35/VAUGHN AND CR 507/ROVER RD.-TURN LANES

ITEMS FOR JOB 0000408

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	150-1000		LS	TRAFFIC CONTROL - STP00-0000-00(408)	1.000	50000.00	50000.00
0010	210-0100		LS	GRADING COMPLETE - STP00-0000-00(408)	1.000	50000.00	50000.00
0015	310-1101		TN	GR AGGR BASE CRS, INCL MATL	7100.000	16.30	115777.57
0020	318-3000		TN	AGGR SURF CRS	216.000	21.73	4694.32
0025	402-1812		TN	RECYL AC LEVELING,INC BM&HL	2785.000	62.11	173001.83
0030	402-3121		TN	RECYL AC 25MM SP,GP1/2,BM&HL	2770.000	58.88	163110.12
0035	402-3130		TN	RECYL AC 12.5MM SP,GP2,BM&HL	1730.000	67.38	116575.60
0040	402-3190		TN	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	1200.000	67.17	80610.28
0045	413-1000		GL	BITUM TACK COAT	1550.000	2.28	3539.55
0050	432-5010		SY	MILL ASPH CONC PVMT,VARB DEPTH	10050.000	2.26	22732.80
0055	441-0014		SY	DRIVEWAY CONCRETE, 4 IN TK	151.000	24.33	3674.33
0060	444-1000		LF	SAWED JTS IN EXIST PVMTS - PCC	22.000	4.11	90.47
0065	446-1100		LF	PVMT REF FAB STRIPS, TP2,18 INCH WIDTH	7370.000	2.66	19674.44
0070	456-2015		GLM	INDENT. RUMB. STRIPS - GRND-IN-PL (SKIP)	1.000	1055.54	1055.55
0075	550-1180		LF	STM DR PIPE 18",H 1-10	305.000	28.54	8706.67
0080	550-1240		LF	STM DR PIPE 24",H 1-10	279.000	35.96	10035.35
0085	550-1300		LF	STM DR PIPE 30",H 1-10	87.000	47.05	4093.57
0090	550-2180		LF	SIDE DR PIPE 18",H 1-10	424.000	23.16	9823.22
0095	550-3318		EA	SAFETY END SECTION 18",STD,4:1	3.000	483.98	1451.95
0100	550-3324		EA	SAFETY END SECTION 24",STD,4:1	2.000	837.29	1674.58
0105	550-3330		EA	SAFETY END SECTION 30",STD,4:1	2.000	1654.64	3309.29
0110	550-3418		EA	SAFETY END SECTION 18",SD,4:1	20.000	527.84	10556.80
0115	550-4218		EA	FLARED END SECT 18 IN, ST DR	3.000	396.48	1189.46
0120	550-4224		EA	FLARED END SECT 24 IN, ST DR	2.000	497.22	994.45
0125	634-1200		EA	RIGHT OF WAY MARKERS	78.000	89.45	6977.28
0130	641-1200		LF	GUARDRAIL, TP W	1225.000	15.54	19044.02
0135	641-5001		EA	GUARDRAIL ANCHORAGE, TP 1	2.000	614.12	1228.24
0140	641-5012		EA	GUARDRAIL ANCHORAGE, TP 12	2.000	1786.25	3572.52
0145	643-8200		LF	BARRIER FENCE (ORANGE), 4 FT	265.000	3.99	1059.93
0150	167-1000		EA	WATER QUALITY MONITORING AND SAMPLING	2.000	331.91	663.82
0155	167-1500		MO	WATER QUALITY INSPECTIONS	14.000	403.31	5646.40
0160	603-2024		SY	STN DUMPED RIP RAP, TP 1, 24"	85.000	43.28	3679.33
0165	603-7000		SY	PLASTIC FILTER FABRIC	85.000	4.47	380.31
0170	700-6910		AC	PERMANENT GRASSING	8.000	401.21	3209.74
0175	700-7000		TN	AGRICULTURAL LIME	30.000	39.44	1183.40
0180	700-7010		GL	LIQUID LIME	25.000	19.78	494.74
0185	700-8000		TN	FERTILIZER MIXED GRADE	7.000	404.88	2834.18
0190	700-8100		LB	FERTILIZER NITROGEN CONTENT	500.000	1.75	879.74
0195	710-9000		SY	PERM SOIL REINFORCING MAT	2531.000	3.94	9995.45
0200	716-2000		SY	EROSION CONTROL MATS, SLOPES	9330.000	0.84	7909.79
0205	163-0232		AC	TEMPORARY GRASSING	4.000	40.97	163.90
0210	163-0240		TN	MULCH	131.000	189.29	24798.04

JOB DETAIL ESTIMATE

0215	163-0300	EA	CONSTRUCTION EXIT	3.000	1118.35	3355.07
0220	163-0503	EA	CONSTR AND REMOVE SILT CONTROL GATE,TP 3	18.000	329.87	5937.71
0225	163-0520	LF	CONSTR AND REMOVE TEMP PIPE SLOPE DRAIN	500.000	12.74	6373.81
0230	163-0527	EA	CNST/REM RIP RAP CKDM,STN P RIPRAP/SN BG	26.000	210.08	5462.24
0235	163-0528	LF	CONSTR AND REM FAB CK DAM -TP C SLT FN	964.000	3.74	3606.54
0240	163-0542	EA	CONSTR & REM STONE FILTER RING	12.000	352.59	4231.19
0245	165-0010	LF	MAINT OF TEMP SILT FENCE, TP A	985.000	1.04	1027.56
0250	165-0030	LF	MAINT OF TEMP SILT FENCE, TP C	4275.000	0.57	2475.61
0255	165-0041	LF	MAINT OF CHECK DAMS - ALL TYPES	1214.000	0.90	1104.52
0260	165-0087	EA	MAINT OF SILT CONTROL GATE, TP 3	18.000	74.87	1347.74
0265	165-0101	EA	MAINT OF CONST EXIT	3.000	299.07	897.22
0270	165-0111	EA	MAINT OF STONE FILTER RING	12.000	149.93	1799.23
0275	171-0010	LF	TEMPORARY SILT FENCE, TYPE A	1965.000	2.48	4892.83
0280	171-0030	LF	TEMPORARY SILT FENCE, TYPE C	8550.000	2.93	25126.57
0285	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 1-0000408	1.000	100000.00	100000.00
0290	639-3004	EA	STEEL STRAIN POLE, TP IV	4.000	12284.80	49139.21
0295	653-0120	EA	THERM PVMT MARK, ARROW, TP 2	26.000	68.86	1790.48
0300	653-6004	SY	THERM TRAF STRIPING, WHITE	153.000	3.00	460.20
0305	653-6006	SY	THERM TRAF STRIPING, YELLOW	1284.000	2.77	3558.21
0310	653-1501	LF	THERMO SOLID TRAF ST 5 IN, WHI	9925.000	0.28	2830.31
0315	653-1502	LF	THERMO SOLID TRAF ST, 5 IN YEL	4100.000	0.36	1482.56
0320	653-1704	LF	THERM SOLID TRAF STRIPE,24",WH	272.000	4.10	1117.25
0325	653-1804	LF	THERM SOLID TRAF STRIPE, 8",WH	1020.000	1.76	1797.97
0330	653-3501	GLF	THERMO SKIP TRAF ST, 5 IN, WHI	855.000	0.26	227.09
0335	654-1001	EA	RAISED PVMT MARKERS TP 1	260.000	3.23	841.78
0340	654-1003	EA	RAISED PVMT MARKERS TP 3	115.000	2.97	342.10
0345	636-1029	SF	HWY SGN,TP2 MATL,REFL SH TP 3	320.000	13.37	4278.88
0350	636-2080	LF	GALV STEEL POSTS, TP 8	416.000	9.30	3872.84
0355	441-0740	SY	CONC MEDIAN, 4 IN	53.000	16.70	885.61
0360	441-0104	SY	CONC SIDEWALK, 4 IN	75.000	54.53	4089.96

ITEM TOTAL 1194445.31
INFLATED ITEM TOTAL 1194445.31

TOTALS FOR JOB 0000408

ESTIMATED COST: 1194445.32
CONTINGENCY PERCENT (0.0): 0.00
ESTIMATED TOTAL: 1194445.32

Date 10/26/2010

P.I. Number 0000408 County SPALDING

Project Number STP00-0000-00(408)

Special Provision, Section 109-Measurement and Payment

FUEL PRICE ADJUSTMENT *(ENGLISH 125% MAX)*

ENTER FPL DIESEL	2.933
ENTER FPM DIESEL	6.599

ENTER FPL UNLEADED	2.62
ENTER FPM UNLEADED	5.895

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

INCREASE ADJUSTMENT
125.00%

INCREASE ADJUSTMENT
125.00%

ROADWAY ITEMS	QUANTITY	DIESEL FACTOR	GALLONS DIESEL	UNLEADED FACTOR	GALLONS UNLEADED	REMARKS
Excavations paid as specified by Sections 205 (CUBIC YARD)		0.29		0.15		
Excavations paid as specified by Sections 206 (CUBIC YARD)		0.29		0.15		
GAB paid as specified by the ton under Section 310 (TON)	7171.000	0.29	2079.59	0.24	1721.04	
Hot Mix Asphalt paid as specified by the ton under Sections 400 (TON)		2.90		0.71		
Hot Mix Asphalt paid as specified by the ton under Sections 402 (TON)	8485.000	2.90	24606.50	0.71	6024.35	
PCC Pavement paid as specified by the square yard under Section 430 (SY)		0.25		0.20		

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS
Bridge Excavation (CY) Section 211				8.00		1.50		
Class __Concrete (CY) Section 500				8.00		1.50		
Class __Concrete (CY) Section 500				8.00		1.50		
Class __Concrete (CY) Section 500				8.00		1.50		
Superstru Con Class__(CY) Section 500				8.00		1.50		
Superstru Con Class__(CY) Section 500				8.00		1.50		
Superstru Con Class__(CY) Section 500				8.00		1.50		
Concrete Handrail (LF) Section 500				8.00		1.50		
Concrete Barrier (LF) Section 500				8.00		1.50		

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS
Stru Steel Plan Quantity (LB) Section 501				8.00		1.50		
Stru Steel Plan Quantity (LB) Section 501				8.00		1.50		
PSC Beams_____ (LF) Section 507				8.00		1.50		
PSC Beams_____ (LF) Section 507				8.00		1.50		
PSC Beams_____ (LF) Section 507				8.00		1.50		
Stru Reinf Plan Quantity(LB) Section 511				8.00		1.50		
Stru Reinf Plan Quantity(LB) Section 511				8.00		1.50		
Bar Reinf Steel (LB) Section 511				8.00		1.50		
Piling___inch (LF) Section 520				8.00		1.50		
Piling___inch (LF) Section 520				8.00		1.50		
Piling___inch (LF) Section 520				8.00		1.50		
Piling___inch (LF) Section 520				8.00		1.50		
Piling___inch (LF) Section 520				8.00		1.50		
Piling___inch (LF) Section 520				8.00		1.50		
Drilled Caisson,___ (LF) Section 524				8.00		1.50		
Drilled Caisson,___ (LF) Section 524				8.00		1.50		
Drilled Caisson,___ (LF) Section 524				8.00		1.50		
Pile Encasement,___(LF) Section 547				8.00		1.50		
Pile Encasement,___(LF) Section 547				8.00		1.50		

SUM QF DIESEL=	26686.09	SUM QF UNLEADED=	7745.39

DIESEL PRICE ADJUSTMENT($)	$90,010.85
UNLEADED PRICE ADJUSTMENT($)	$23,336.86

ASPHALT CEMENT PRICE ADJUSTMENT
(BITUMINOUS TACK COAT 125% MAX)

APPLICABLE TO CONTRACTS/PROJECTS CONTAINING THE 413 SPECIFICATION, SECTION 413.5.01 ADJUSTMENTS
ASPHALT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT

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

ENTER APL: 450 ENTER APM: 1012.5

125.00%	INCREASE ADJUSTMENT

L.I.N.	TYPE	TACK (GALLONS)	TACK (TONS)	REMARKS
413-1000		1550	6.6574	

TMT = 6.6574

PRICE ADJUSTMENT($)	$3,595.00

400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX

ENTER APL: 450 ENTER APM: 1012.5

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

125.00%	INCREASE ADJUSTMENT

L.I.N. / Spec Number	MIX TYPE	HMA	JMF AC%	AC	REMARKS
402-1812	4.75 mm	2785	5.00	139.25	LEVELING
402-3121	25 mm SP	2770	5.00	138.50	
402-3130	12.5 mm SP	1730	5.00	86.50	
402-3190	19 mm SP	1200	5.00	60.00	
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			TMT =	424.25	

PRICE ADJUSTMENT($)	$229,095.00

ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)

APPLICABLE TO CONTRACTS CONTAINING THE 413 SPEC. SECTION 413.5.01 ADJUSTMENTS ASPHALT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT

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

ENTER APL 450 ENTER APM 1012.5

125.00%	INCREASE ADJUSTMENT

Use this side for Asphalt Emulsion Only

L.I.N.	TYPE	ASPHALT EMULSION (GALLONS)

TMT =

REMARKS:

Use this side for Asphalt Cement Only

L.I.N.	TYPE	TACK (GALLONS)

TMT =

REMARKS:

MONTHLY PRICE ADJUSTMENT($)	

ADJUSTMENT SUMMARY

FUEL PRICE ADJUSTMENT *(ENGLISH 125% MAX)*

DIESEL PRICE ADJUSTMENT($)	$90,010.85
UNLEADED PRICE ADJUSTMENT($)	$23,336.86
ASPHALT CEMENT PRICE ADJUSTMENT (BITUMINOUS TACK COAT 125% MAX)	$3,595.00
400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX	$229,095.00
ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)	

REMARKS:

TOTAL ADJUSTMENTS	$346,037.71

DWM 10/08

Preliminary Right of Way Cost Estimate

Phil Copeland
Right of Way Administrator
By: LaShone B. Alexander

Date: August 25, 2010
Project: STP00-0000-00(408) Spalding — **P.I. Number:** 0000408
Existing/Required R/W: Varies/Varies — **No. Parcels:** 23
Project Terminal : SR 16/Newnan Road @ CR 35/Vaughn Rd & CR 507/Rover Zetella Road
Project Description: SR 16/Newnan Road @ CR 35/Vaughn Rd & CR 507/Rover Zetella Road

Land:	Commercial	0.658 acres @ $150,000/acre	$ 98,700
	Commercial Easement	0.164 acres @ $150,000/acre @ 50%	$ 12,319
	Agricultural	2.40 acres @ $ 15,000/acre	$ 36,000
	Residential RW	1.79 acres @ $ 30,000/acre	$ 53,700
			200,719
Improvements : landscaping, gas station, misc. site improvements			1,000,000
Relocation:	Commercial (1)	25,000	25,000
	Residential (0)		0
Damage :	Proximity		
	Consequential		
	Cost to Cure		0
		Net Cost	$ 1,225,719

Net Cost		$ 1,225,719
Scheduling Contingency	55 %	674,145
Adm/Court Cost	60 %	1,139,918
		$ 3,039,783

Total Cost $3,039,800

Note: The Market Appreciation (40%) is not included in the updated Preliminary Cost Estimate.

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE **STP00-0000-00(408), Spalding County, P.I. # 0000408**
SR-16 @ CR 35/Vaughn Rd & CR 507/Rover Rd - Turn Lanes

OFFICE Thomaston

DATE October 27, 2010

FROM Kerry Gore, District Utilities Engineer

TO Kimberly Nesbitt, Project Manager

SUBJECT **PRELIMINARY UTILITY COST (ESTIMATE)**

As requested by your office, we are furnishing you with a Preliminary Utility Cost estimate for each utility with facilities potentially located within the project limits.

FACILITY OWNER	NON-REIMBURSABLE	REIMBURSABLE
BellSouth d/b/a AT&T Georgia	316,250	345,000
Central Georgia EMC	0	148,350
Charter Communications	23,000	0
Georgia Power (Distribution)	0	115,000
Georgia Power (Transmission)	0	172,500
Spalding County Water	103,500	0
TOTALS	**$442,750**	**$780,850**

Total Preliminary Utility Cost Estimate **$1,223,600**.

If you have any questions, please contact Kerry Gore at 706-646-6692.

KG/pls

cc: Jeff Baker, P.E., State Utilities Engineer *(via: e-mail)*
Angela Robinson, Office of Financial Management *(via: e-mail)*
Mark Sanford, Area Engineer *(via: e-mail)*

NOTICE OF LOCATION AND DESIGN APPROVAL

STP00-0000-00(408) Spalding County
P.I. Number 0000408

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 March 7, 2011.

The project is located in Spalding County (Land Lots 29, 30, 35, & 36) at the intersection of SR 16/Newnan Road and CR 35/Vaughn Road and CR 507/Rover Zetella Road, approximately six (6) miles west of the City of Griffin in Spalding County, and three (3) miles north of the Pike County line.

SR 16/Newnan Road will be widened for eastbound and westbound left and right turn lanes onto CR 35/Vaughn Road and CR 507/Rover Zetella Road, respectively. CR 35/Vaughn Road and CR 507/Rover Zetella Road will be widened for southbound and northbound left and right turn lanes, respectively, onto SR 16/Newnan Road. A stop and go traffic signal will also be installed.

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:

Mark Sanford
msanford@dot.ga.gov
1001 Highway 19 South
Griffin, GA 30223
770-228-7337

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:

Bobby Hilliard
Office of Program Delivery
bhilliard@dot.ga.gov
600 W. Peachtree St.
Atlanta, GA 30308
404-631-1122

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.