

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

**OFFICE OF DESIGN POLICY & SUPPORT
INTERDEPARTMENTAL CORRESPONDENCE**

FILE P.I. #0010033 **OFFICE** Design Policy & Support

Cobb County **DATE** 01/19/2010
SR 5 CONN @ 1-575 & CR 4661/MALL
BLVD

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:

Bryant Poole, District Engineer
Scott Lee, for District Preconstruction Engineer
Genetha Rice-Singleton, Program Control Administrator
Glenn Bowman, State Environmental Administrator
Kathy Zahul, State Traffic Engineer
Ron Wishon, State Project Review Engineer
Phil Copeland, Right of Way Administrator
Angela Robinson, Financial Management Administrator
Cindy VanDyke, State Transportation Planning Administrator
Mac Cranford, District Planning & Programming Engineer
Sebastian Nesbitt, Area Engineer (D7A2)

BOARD MEMBER - 11th Congressional District

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE 0010033 Cobb County **OFFICE** District 7 Preconstruction
SR 5 Conn. at I-575 and CR 4661/Mall Blvd **DATE** December 15, 2010

FROM: Bryant Poole, Metro District Engineer

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

SUBJECT **Request for Location and Design Approval**

Description and Project Proposal: The project consists of intersection improvements along Barrett Parkway at the vicinity of I-575. These intersections include Barrett Parkway at the I-575 northbound on-ramp, Barrett Parkway at the I-575 southbound off-ramp, and Barrett Parkway at Mall Boulevard.

At the intersection of Barrett Parkway at the I-575 northbound ramp, an additional left-turn lane will be provided to create dual left-turn lanes on the eastbound leg of Barrett Parkway to serve traffic heading to I-575 northbound. See typical section no. 3 for the proposed lane configuration. The existing median barrier will be shortened to create this additional left-turn lane. The existing traffic island at the northbound ramp will be reconstructed to receive the additional left turn lane. Existing traffic signals will be modified to accommodate this additional left-turn lane.

At the intersection of Barrett Parkway at the I-575 southbound on-ramp, an additional left-turn lane will be provided to create dual left-turn lanes on the westbound leg of Barrett Parkway to serve traffic heading to I-575 southbound. See typical section no. 2 for the proposed lane configuration. The existing median barrier will be shortened to create this additional left-turn lane. Existing Concrete Island at the southbound on-ramp will be reconstructed to receive the additional left turn lane. At the I-575 southbound off-ramp leg of this intersection, an additional right-turn lane will be provided to create dual right-turn lanes. See typical section no. 5 for the proposed lane configuration. This additional right-turn lane will provide direct access to Mall Boulevard via a proposed median-separated westbound slip lane. This new lane will extend between the I-575 southbound ramp and Mall Boulevard. The existing right-turn lane will be utilized by traffic heading west on Barrett Parkway past Mall Boulevard. See typical section no. 1 for the proposed lane configuration. Existing traffic signals will be modified to accommodate these additional turn lanes at this intersection.

At the intersection of Barrett Parkway at Mall Boulevard, an additional southbound left-turn lane will be provided on the southbound leg of Mall Boulevard. This new left-turn lane will be created by widening the southbound leg of Mall Boulevard toward the median and toward the west. A raised median will be maintained at the center to separate the northbound and southbound traffic along Mall Boulevard. New sidewalk will be constructed along the both sides of Mall Boulevard. See typical section no. 4 for proposed lane configuration. Existing traffic signals at this intersection will be modified to convert the split phasing signal operation to protected-permissive type signal phasing.

Concept Approval Date: November 16, 2010

Concept Update: There have been no changes made since the concept was approved.

Environmental Document Type, Approval Date & any Reevaluations

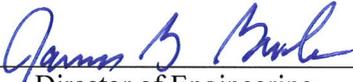
⇒ Programmatic Categorical Exclusion approved November 9, 2010

Public Involvement:

- Other than discussions and presentations at the Town Center Area Community Improvement District (the project sponsor) regular meetings, there has been no additional public involvement. No public involvement is required for the environmental document.

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 subject project be approved and that the attached Notice be approved for advertising.

RECOMMEND: 
Director of Engineering

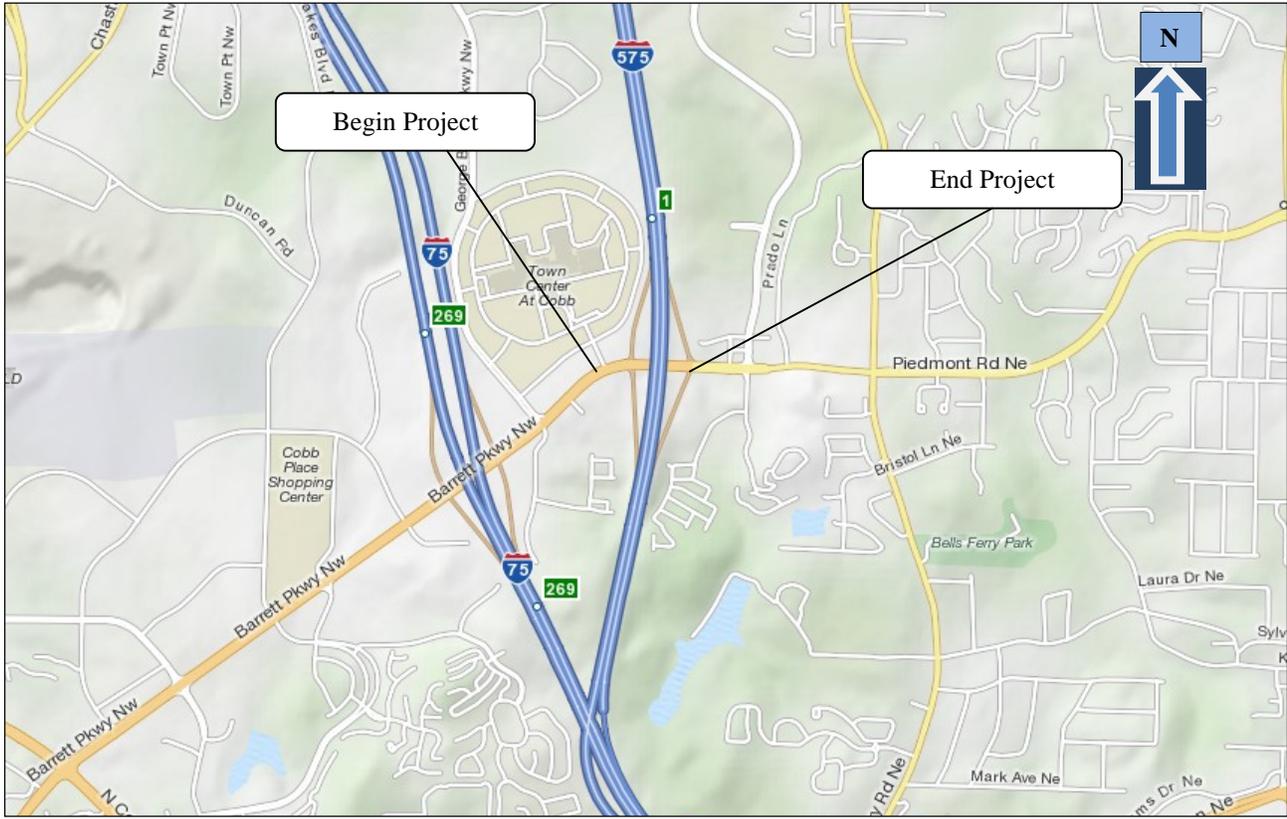
APPROVE: 
Chief Engineer

11/16/10
Date

DATE OF LOCATION AND DESIGN APPROVAL: Jan 19, 2011
(To be entered by the State Conceptual Design Group Manager)

Attachments:

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



LOCATION SKETCH



NOT TO SCALE

Estimated Cost:		
Item	Total Amount	
	State	Local
R/W	\$0	\$368,309.62
Utilities	\$0	\$15,000.00
Construction	\$1,484,416.99	\$0
Fuel/Liquid AC Adjustment	\$142,146.42	\$0
E&I 6%	\$89,065.02	\$0
Total Construction	\$1,715,628.43	\$0

JOB ESTIMATE REPORT

JOB NUMBER : 0010033 SPEC YEAR: 01
 DESCRIPTION: SR 5 CONNECTOR @ I-575 AND CR 4661/MALL BLVD

ITEMS FOR JOB 0010033

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	150-1000		LS	TRAFFIC CONTROL - PROJECT NO. TCID-23	1.000	250000.00	250000.00
0010	210-0100		LS	GRADING COMPLETE - PROJECT NO. TCID-23	1.000	150000.00	150000.00
0015	310-1101		TN	GR AGGR BASE CRS, INCL MATL	1900.000	18.21	34607.70
0020	402-1812		TN	RECYL AC LEVELING, INC BM&HL	290.000	77.43	22456.21
0025	402-3121		TN	RECYL AC 25MM SP, GP1/2, BM&HL	480.000	69.48	33352.51
0030	402-3130		TN	RECYL AC 12.5MM SP, GP2, BM&HL	2200.000	67.76	149081.75
0035	402-3190		TN	RECYL AC 19 MM SP, GP 1 OR 2 , INC BM&HL	350.000	72.65	25428.81
0040	441-0104		SY	CONC SIDEWALK, 4 IN	500.000	31.10	15554.12
0045	441-0204		SY	PLAIN CONC DITCH PAVING, 4 IN	270.000	32.85	8870.58
0050	441-0303		EA	CONC SPILLWAY, TP 3	1.000	2041.13	2041.14
0055	441-0740		SY	CONC MEDIAN, 4 IN COLORED STAMPED	810.000	46.00	37260.00
0060	441-4030		SY	CONC VALLEY GUTTER, 8 IN	180.000	45.71	8229.49
0064	441-5007		LF	CONC HEADER CURB, 8 IN, TP 7	230.000	15.00	3450.00
0065	441-5052		LF	CONC DWL INT CURB, TP 2, DOWELS	780.000	35.00	27300.00
0070	441-5057		LF	CONC DWL INT CURB, TP 7, DOWELS	1700.000	12.91	21959.44
0075	441-6222		LF	CONC CURB & GUTTER/ 8"X30"TP2	960.000	16.24	15591.90
0080	446-1100		LF	PVMT REF FAB STRIPS, TP2, 18 INCH WIDTH	3400.000	4.17	14208.29
0085	500-3101		CY	CLASS A CONCRETE	4.000	357.49	1429.96
0090	500-3201		CY	CL B CONC, RET WALL	71.000	543.38	38580.57
0095	500-9999		CY	CL B CONC, BASE OR PVMT WIDEN	37.000	156.00	5772.32
0100	550-1180		LF	STM DR PIPE 18", H 1-10	130.000	33.33	4333.90
0105	550-3618		EA	SAFETY END SECTION 18", SD, 6:1	1.000	578.28	578.29
0110	515-1002		LF	FERROUS MET HDRAIL, TWO PIPE	170.000	75.00	12750.00
0115	600-0001		CY	FLOWABLE FILL	45.000	168.20	7569.27
0120	603-2018		SY	STN DUMPED RIP RAP, TP 1, 18"	12.000	47.40	568.85
0125	603-7000		SY	PLASTIC FILTER FABRIC	12.000	3.91	46.93
0130	611-3000		EA	RECONSTR CATCH BASIN, GROUP 1	2.000	2027.50	4055.00
0135	611-9000		EA	CAPPING MINOR STRUCTURE	1.000	819.69	819.69
0140	621-4083		LF	CONC SIDE BARRIER, TYPE 7T, MOD	60.000	65.00	3900.00
0145	634-1200		EA	RIGHT OF WAY MARKERS	12.000	105.25	1263.08
0150	641-1200		LF	GUARDRAIL, TP W	400.000	17.42	6971.29
0155	641-5001		EA	GUARDRAIL ANCHORAGE, TP 1	2.000	648.00	1296.02
0160	650-1100		EA	IMPACT ATTENUATOR UNIT, TYPE P- TYPE P3-B-30	2.000	15000.00	30000.00
0165	668-1100		EA	CATCH BASIN, GP 1	1.000	1987.17	1987.18
0170	163-0232		AC	TEMPORARY GRASSING	1.000	371.18	371.18
0175	163-0240		TN	MULCH	9.000	310.91	2798.19
0180	163-0300		EA	CONSTRUCTION EXIT	1.000	1333.64	1333.65

JOB ESTIMATE REPORT

0185	163-0550	EA	CONS & REM INLET SEDIMENT TRAP	17.000	130.62	2220.60
0190	165-0010	LF	MAINT OF TEMP SILT FENCE, TP A	490.000	0.73	358.49
0195	165-0101	EA	MAINT OF CONST EXIT	1.000	506.65	506.65
0200	165-0105	EA	MAINT OF INLET SEDIMENT TRAP	17.000	42.44	721.63
0205	171-0010	LF	TEMPORARY SILT FENCE, TYPE A	980.000	1.90	1867.69
0210	700-6910	AC	PERMANENT GRASSING	1.000	734.14	734.14
0215	700-7000	TN	AGRICULTURAL LIME	1.000	74.89	74.90
0220	700-7010	GL	LIQUID LIME	1.000	25.73	25.73
0225	700-8000	TN	FERTILIZER MIXED GRADE	1.000	429.39	429.39
0230	700-8100	LB	FERTILIZER NITROGEN CONTENT	7.000	2.21	15.51
0235	716-2000	SY	EROSION CONTROL MATS, SLOPES	170.000	1.12	190.92
0240	610-6515	EA	REM HIGHWAY SIGN, STD	14.000	76.19	1066.71
0245	615-1200	LF	DIRECTIONAL BORE - 3 INCH	415.000	10.23	4249.26
0250	615-1200	LF	DIRECTIONAL BORE - 5 INCH	900.000	9.31	8379.64
0255	636-1020	SF	HWY SGN,TP1MAT,REFL SH TP3	129.000	14.76	1904.97
0260	636-1029	SF	HWY SGN,TP2 MATL,REFL SH TP 3	17.000	17.12	291.13
0265	639-2002	LF	STEEL WIRE STRAND CABLE, 3/8"	158.000	3.57	564.88
0270	639-3004	EA	STEEL STRAIN POLE, TP IV	2.000	12000.00	24000.00
0275	639-3004	EA	STEEL STRAIN POLE, TP IV WITH 55' MAST ARM	1.000	14700.70	14700.70
0280	639-3004	EA	STEEL STRAIN POLE, TP IV WITH 65' MAST ARM	1.000	16200.70	16200.70
0285	639-3004	EA	STEEL STRAIN POLE, TP IV WITH 80' MAST ARM	2.000	18500.00	37000.00
0290	639-3004	EA	STEEL STRAIN POLE, TP IV WITH 65' & 70' TANDEM MAST ARMS	1.000	23500.00	23500.00
0295	647-1000	LS	TRAF SIGNAL INSTALLATION NO - NO-1	1.000	125000.00	125000.00
0300	647-1000	LS	TRAF SIGNAL INSTALLATION NO - NO-2	1.000	85000.00	85000.00
0305	647-1000	LS	TRAF SIGNAL INSTALLATION NO - NO-3	1.000	85000.00	85000.00
0310	647-2160	EA	PULL BOX, PB-6	2.000	1096.27	2192.56
0315	647-2170	EA	PULL BOX, PB-7	2.000	1890.63	3781.28
0320	653-0120	EA	THERM PVMT MARK, ARROW, TP 2	32.000	69.07	2210.48
0325	653-0130	EA	THERM PVMT MARK, ARROW, TP 3	4.000	91.46	365.85
0330	653-1501	LF	THERMO SOLID TRAF ST 5 IN, WHI	3100.000	0.42	1326.92
0335	653-1502	LF	THERMO SOLID TRAF ST, 5 IN YEL	1440.000	0.48	692.86
0340	653-1704	LF	THERM SOLID TRAF STRIPE,24",WH	210.000	3.51	738.65
0345	653-1804	LF	THERM SOLID TRAF STRIPE, 8",WH	3440.000	1.72	5927.60
0350	653-0210	EA	THERM PVMT MARK, WORD , TP 1	4.000	103.92	415.69
0355	653-3501	GLF	THERMO SKIP TRAF ST, 5 IN, WHI	2240.000	0.27	606.46
0360	653-6004	SY	THERM TRAF STRIPING, WHITE	565.000	2.94	1664.32
0365	653-6006	SY	THERM TRAF STRIPING, YELLOW	5.000	3.61	18.07
0370	654-1003	EA	RAISED PVMT MARKERS TP 3	110.000	3.91	430.72
0375	682-6120	LF	CONDUIT, RIGID, 2 IN	100.000	11.04	1104.71
0380	682-6233	LF	CONDUIT, NONMETL, TP 3, 2 IN	3500.000	2.96	10374.04
0385	687-1050	LS	TRAFFIC SIGNAL DATABASE CONVERSION	1.000	5000.00	5000.00
0390	935-1115	LF	OUT PLNT FBR OPT CBL,LOOSE TB,SM,48 FBR	855.000	2.10	1799.33

DATE : 10/15/2010

PAGE : 3

JOB ESTIMATE REPORT

0395	935-1511	LF	OUT PLNT FBR OPT CBL,DROP,SM,6 FBR	300.000	1.99	598.97
0400	935-3101	EA	FIBER OPTIC CLOSURE,UNDRGRD,6 FIBER	2.000	631.47	1262.94
0405	935-3105	EA	FIBER OPTIC CLOSURE,UNDRGRD,48 FIBER	2.000	531.90	1063.80
0410	935-3602	EA	FBR. OP. CLOS., FDC PRE-TERM., TYP. A, 6	2.000	478.97	957.95
0415	935-4010	EA	FIBER OPTIC SPLICE, FUSION	156.000	41.80	6521.51
0420	935-8000	LS	TESTING	1.000	1500.00	1500.00
0425	939-2305	EA	FIELD SWITCH, TYPE C	2.000	2357.01	4714.03
0430	939-8000	LS	TESTING	1.000	2250.00	2250.00
0435	938-1100	EA	INT VIDEO DET SYS ASMBLY, TP A	6.000	4989.37	29936.25
0440	938-1101	EA	INT VIDEO DET SYS ASMBLY, TP B	1.000	8602.82	8602.83
0445	938-1200	EA	PROGRAMMING MONITOR, TYPE A	1.000	362.03	362.03
0450	938-1210	EA	OUTPUT EXPANSION MODULE, TP A	2.000	486.45	972.90

JOB ESTIMATE REPORT

=====							
0455	938-8000	LS	TESTING	1.000	2050.00	2050.00	
0460	413-1000	GL	BITUM TACK COAT	1900.000	2.71	5153.29	

ITEM TOTAL						1484416.96	
INFLATED ITEM TOTAL						1484416.96	
TOTALS FOR JOB 0010033							

ESTIMATED COST:						1484416.99	
CONTINGENCY PERCENT (0.0):						0.00	
ESTIMATED TOTAL:						1484416.99	

Special Provision, Section 109-Measurement and Payment
FUEL PRICE ADJUSTMENT (ENGLISH 125% MAX)

ENTER FPL DIESEL	2.89
ENTER FPM DIESEL	6.503

ENTER FPL UNLEADED	2.602
ENTER FPM UNLEADED	5.8545

<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)	1900.000	0.29	551.00	0.24	456.00	
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)	3320.000	2.90	9628.00	0.71	2357.20	
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 <u>Plan Quantity</u> (LB) Section 501				8.00		1.50		
Stru Steel <u>Plan Quantity</u> (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 <u>Plan Quantity</u> (LB) Section 511				8.00		1.50		
Stru Reinf <u>Plan Quantity</u> (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=				10179.00	SUM QF UNLEADED=		2813.20	
DIESEL PRICE ADJUSTMENT(\$)					\$33,829.91			
UNLEADED PRICE ADJUSTMENT(\$)					\$8,417.94			

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/asphalccementindex.aspx>

ENTER APL

ENTER APM

125.00%	INCREASE ADJUSTMENT
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Use this side for Asphalt Emulsion Only

L.I.N.	TYPE	ASPHALT EMULSION (GALLONS)
TMT = <input style="width: 100px;" type="text"/>		
REMARKS: <input style="width: 90%; height: 20px;" type="text"/>		

Use this side for Asphalt Cement Only

L.I.N.	TYPE	TACK (GALLONS)
TMT = <input style="width: 100px;" type="text"/>		
REMARKS: <input style="width: 90%; height: 20px;" type="text"/>		

MONTHLY PRICE ADJUSTMENT(\$)	
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ADJUSTMENT SUMMARY

FUEL PRICE ADJUSTMENT (<i>ENGLISH 125% MAX</i>)	
DIESEL PRICE ADJUSTMENT(\$)	<u>\$33,829.91</u>
UNLEADED PRICE ADJUSTMENT(\$)	<u>\$8,417.94</u>
ASPHALT CEMENT PRICE ADJUSTMENT (BITUMINOUS TACK COAT 125% MAX)	<u>\$4,680.97</u>
400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX	<u>\$95,217.60</u>
ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)	

REMARKS:	<input type="text"/>
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TOTAL ADJUSTMENTS	\$142,146.42
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Preliminary Right of Way Cost Estimate

Date: August 5, 2010

Project: TCID-23

Existing/Required R/W:

Project Termini:

Project Description:

Land:

P.I. Number: 0010033

No. Parcels: 3

Commercial					
ROW	5767.95 s.f	@	\$25.00/s.f.	=	\$144,198.75
Easement	5421.61 s.f	@	\$5.00/s.f.	=	\$27,108.05
Industrial					
	s.f	@	\$	/s.f.	= \$
Residential					
	s.f	@	\$	/s.f.	= \$
Agricultural					
	s.f	@	\$	/s.f.	= \$
TOTAL					\$171306.8

Improvements:

Relocation:

Commercial	@	\$25,000/parcel	=	\$
Residential	@	\$40,000/parcel	=	\$

TOTAL **\$0**

Damages: Proximity **\$0**

Consequential	\$0
Cost to Cure	\$0

TOTAL **\$0**

SUB-TOTAL: **\$171,306.80**

	Net Cost		\$171306.80
	Scheduling Contingency	55 %	\$94218.74
	Adm/Court Cost	60 %	\$102,784.08
TOTAL			\$368,309.62

Total Cost **\$368,309.62**

Prepared By: _____

Reviewed / Approved: _____

LaShone Alexander
R/W Cost Estimator

Note: Accuracy of estimate is the sole responsibility of the Preparer.

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

REVISED: 2-8-08

Poudel, Shamir

From: Rikard, Andy [Andy.Rikard@cobbcounty.org]
Sent: Tuesday, July 27, 2010 4:23 PM
To: Poudel, Shamir
Cc: Hudgins, James; Wright, Michael
Subject: TR448/ TCID-23, PI 0010033, I-575 @ Barrett Parkway Utility Cost Estimate

Utility Cost Estimate for project TCID 23:

<u>Company</u>	<u>Relocation Cost</u>	<u>Reimbursement Cost</u>	<u>Comments</u>
Atlanta Gas Light	\$ 7,000.00	\$0.00	Minor adjustments/ services
AT&T Networks	\$120,000.00	\$0.00	Copper/ Fiber, aerial/ underground
Cobb EMC fixtures	\$55,000.00	\$15,000.00	Three phase aerial/ underground/ services/ Lighting
Cobb Water System	\$ 5,000.00	\$0.00	Minor adjustments/ Fire Hydrants/ Valves
Comcast	\$16,000.00	\$0.00	Coaxial/ Fiber aerial
Total	\$203,000.00	\$15,000.00	

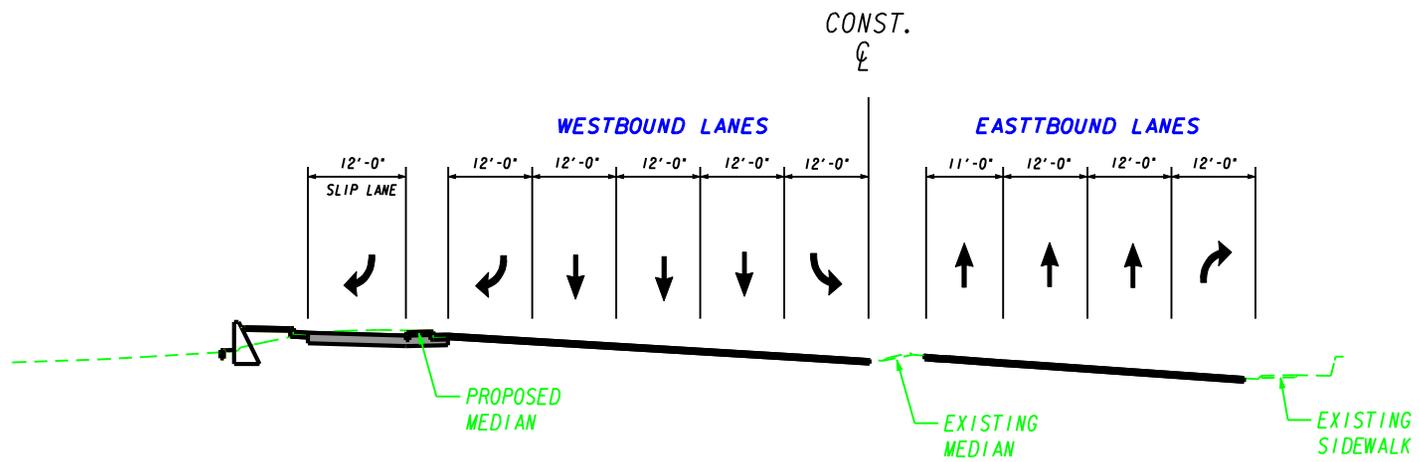
- 1.) GDOT utility permits will be required for this project.
- 2.) Utility Cost estimate based on preliminary utility information.

Please let me know if you have any questions. Thanks,

Andy Rikard | CCDOT Construction Department |
andy.rikard@cobbcounty.org or andy.rikard@arcadis-us.com
ARCADIS U.S., Inc. | 1890 County Services Pkwy | Marietta, GA 30008
T. 770.528.3660 | C. 404.516.4443 | F. 770.528.2129
www.arcadis-us.com
Please consider the environment before printing this email.

Cobb County...Expect the Best

www.cobbcounty.org



TYPICAL SECTION 1
 SR 5 CONN/BARRETT PKWY
 (BETWEEN MALL BLVD & I-575 SB RAMPS)
 N. T. S.

CONST.



WESTBOUND LANES

EASTBOUND LANES

11'-0"

11'-0"

11'-0"

11'-0"

11'-0"

11'-0"

11'-0"

11'-0"



EXISTING
SIDEWALK

EXISTING
SIDEWALK

TYPICAL SECTION 2
SR 5 CONN/BARRETT PKWY
(BETWEEN I-575 SB RAMPS & I-575 BRIDGE)
N. T. S.

CONST.



WESTBOUND LANES

EASTBOUND LANES

11'-0"

11'-0"

11'-0"

11'-0"

11'-0"

11'-0"

11'-0"

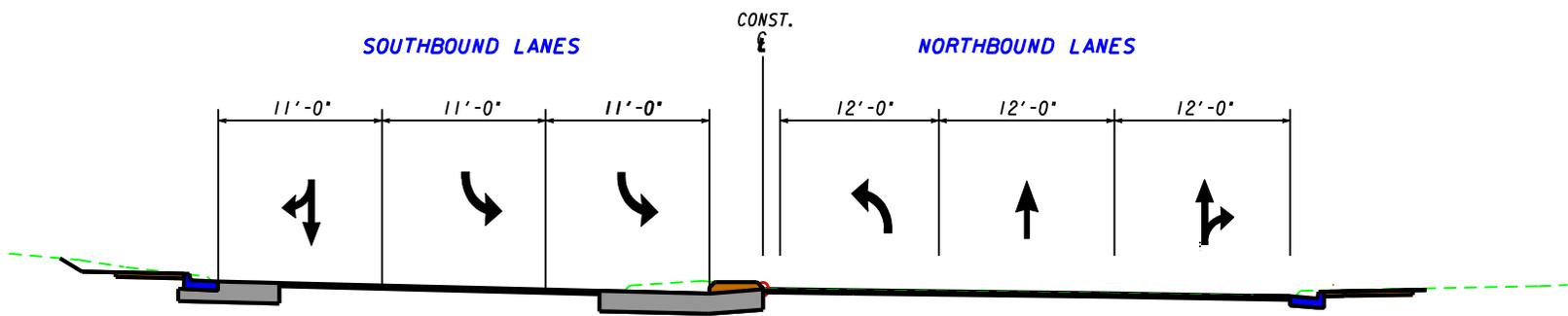
11'-0"



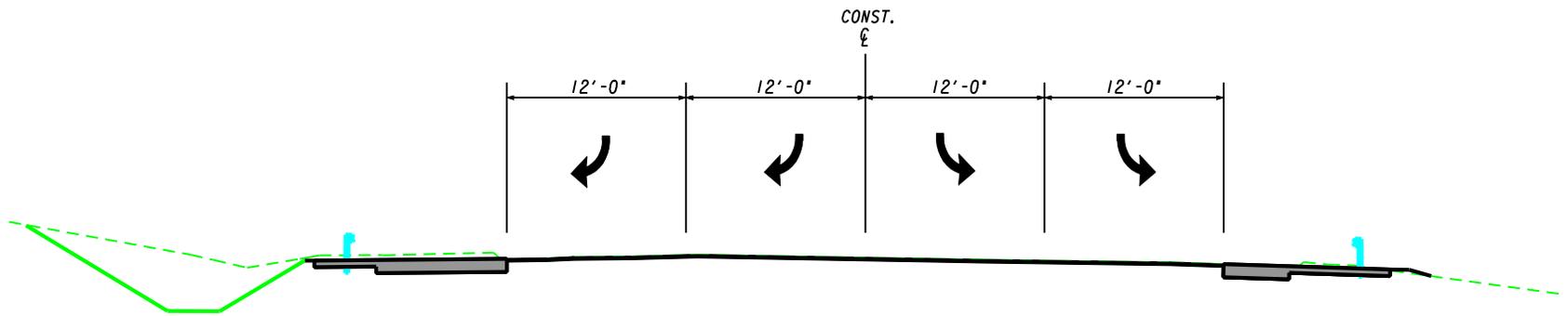
EXISTING
SIDEWALK

EXISTING
SIDEWALK

TYPICAL SECTION 3
SR 5 CONN/BARRETT PKWY
(BETWEEN I-575 BRIDGE & I-575 NB RAMPS)
N. T. S.



TYPICAL SECTION 4
MALL BOULEVARD
(LOOKING NORTH)
N. T. S.



TYPICAL SECTION 5
I-575 SOUTHBOUND OFF-RAMP
(LOOKING NORTH)
N. T. S.

NOTICE OF LOCATION AND DESIGN APPROVAL

COBB COUNTY **P. I. NO. 0010033**

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 January 19, 2011

The project is located in unincorporated Cobb County, Land Lots 580, 581, 644 and 645 in the 16th Land District. The length of this project is approximately 0.29 miles. The project consists of intersection improvement along SR 5 Conn. at its intersection with I-575 and Mall Blvd.

The purpose of this project is to improve operations at these intersections. This project will mitigate congestion on SR 5 Conn. in the peak travel periods by adding a second left turn lane from Barrett Pkwy. to the I-575 on-ramps creating dual left turn lanes for both on ramps. Another lane will be added to the I-575 south bound off ramp to SR 5 Conn. which will mitigate traffic stacking back onto I-575. This additional lane will be a barrier separated lane to Mall Blvd. Also, an additional south bound lane will be added to Mall Blvd. so that the split phased traffic signal operation can be converted to protected-permissive type signal phasing. SR 5 Conn. will consist of 11 ft lanes with existing 30" curb and gutter between the interstate ramps and 12' lanes before and after the ramps. The I-575 south bound off ramp will consist of 4 - 12' lanes with a 10' right and 6' left shoulders. Mall Blvd. will consist of 3 - 11' lanes in the south bound direction and the existing lanes will be retained in the north bound direction.

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:

Sebastian Nesbitt, Area Two Engineer
Georgia Department of Transportation
1269 Kennestone Circle
Marietta, Ga. 30066
E-mail: snesbitt@dot.ga.gov
Phone: (404) 559-6699

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:

Scott Lee, Project Manager (acting)
Georgia Department of Transportation
5025 New Peachtree Road
Chamblee, Georgia 30341
E-mail: slee@dot.ga.gov
Phone: (770) 986-1257

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.