

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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

**FILE** P.I. #422120 **OFFICE** Design Policy & Support  
EDS00-0084-00(023)  
GDOT District 4 - Tifton  
GDOT District 5 - Jesup  
Clinch/Ware Counties **DATE** July 29, 2011  
SR 38/US 84 from west of Woodyard Creek/Clinch  
to west of Greasy Creek/Ware

**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  
Ken Thompson, Location Bureau Chief  
Ben Rabun, State Bridge Engineer  
Angela Robinson, Financial Management Administrator  
Andy Casey, State Roadway Design Engineer  
Jerry Hughes, Area Engineer - D4, A1  
Shane Pridgen, District Planning & Programming Engineer  
Brent Thomas, District Preconstruction Engineer  
Joe Sheffield, District Engineer  
Jack Walker, Area Engineer - D5, A2  
Teresa Scott, District Planning & Programming Engineer  
Brad Saxon, District Preconstruction Engineer  
Karon Ivery, District Engineer  
Jeremy Busby, Project Manager  
BOARD MEMBER - 1st Congressional District

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

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## INTERDEPARTMENT CORRESPONDENCE

**FILE** EDS00-0084-00(023) Clinch/Ware County  
PI# 422120

**OFFICE** Program Delivery

**DATE** July 19, 2011

**FROM** Bobby K. Hilliard, PE, State Program Delivery Engineer

**TO** Brent A. Story, PE, State Design Policy Engineer

**SUBJECT** **REQUEST FOR LOCATION AND DESIGN APPROVAL**

Description and Project Proposal: Project EDS00-0084-00(023) in Clinch and Ware Counties would widen SR38/US84 from 2 to 4 lanes from just west of Woodyard Creek in Clinch County to just west of Greasy Branch in Ware County. The proposed project includes replacing the existing bridges at 7 locations. The project is approximately 11.6 miles in length, beginning at MP 15.38 in Clinch County and ending at MP 3.99 in Ware County.

Concept Approval Date: 9/10/1992. A revised concept was approved on 1/27/2011.

Concept Update: None

Environmental Document: FONSI approved 7/12/2011

Public Involvement: The most recent Public Information Open House was held on February 22, 2011. Of the 120 attendees, 5 expressed support and 2 expressed conditional support of the project with zero attendees in opposition. The following public officials were in attendance:

- Kenton McLaine, Clinch County Commission
- Peg Blitch, Mayor of Homerville
- Keith Flesher, Homerville City Manager
- Danny Yarbrough, Waycross City Commissioner
- Jimmy Brown, Ware County Board of Commissioners
- Barry Deas, Ware County Board of Education

Other public meetings were held on 1/31/2006 and 6/26/2007.

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

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

RECOMMEND:

Bill R McMillan  
Director of Engineering

APPROVE:

Deanna  
Chief Engineer

7/27/2011  
Date of Approval

DATE OF LOCATION AND DESIGN APPROVAL:

JULY 29, 2011

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

Attachments:

- Location Map
- Cost Estimates
- Notice of Location and Design Approval



# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

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INTERDEPARTMENT CORRESPONDENCE

**FILE** EDS00-0084-00(023), Clinch/Ware Counties  
SR38/US84 from west of Woodyard Creek to  
west of Greasy Creek  
P.I. No. 422120

**OFFICE** Program Delivery

**DATE** August 25, 2010

**FROM:** Bobby K. Hilliard, P.E., State Program Delivery Engineer

**TO :** Ronald E. Wishon, Project Review Engineer

**SUBJECT:** REVISIONS TO PROGRAMMED COSTS

**PROJECT MANAGER:** Jeremy Busby

MNGT LET DATE: 12/15/14

MNGT R/W DATE: 6/15/12

**PROGRAMMED COST (TPro W/OUT INFLATION)**

**LAST ESTIMATE UPDATE**

CONSTRUCTION \$39,438,332.00

DATE: 7/23/09

RIGHT OF WAY \$5,944,500.00

DATE: 7/23/09

UTILITIES \$57,152.00

DATE: 7/23/09

**REVISED COST ESTIMATES**

CONSTRUCTION\* \$56,281,858

RIGHT OF WAY \$6,917,500

UTILITIES\*\* \$477,200

RAILROAD \$930,800

MITIGATION \$3,428,973

\* Costs contain 5% Engineering and Inspection and 0% Construction Contingencies and Fuel and Liquid AC Adjustments.

\*\* Costs contain 0% contingency

**REASON FOR COST INCREASE:** The 2009 estimate had errors in the earthwork calculations. This estimate corrects the earthwork calculations.

**CONTINGENCY SUMMARY**

Construction Cost Estimate:	\$45,844,404	(Base Estimate)
Engineering and Inspection:	\$2,292,220	(Base Estimate x 5 %)
Construction Contingency:	\$0	(Base Estimate x 0 %) (The Construction Contingency is based on the Project Improvement Type in TPro.)
Total Fuel Adjustment	\$3,735,467	(From attached worksheet)
Total Liquid AC Adjustment	\$4,409,767	(From attached worksheet)
<b>Construction Total:</b>	<b>\$</b>	
Utility Cost Estimate:	\$477,200	
Utility Contingency:	\$0 (0%)	
<b>Utility Total:</b>	<b>\$477,200</b>	

**REIMBURSABLE UTILITY COST**

<u>Utility Owner</u>	<u>Reimbursable Costs</u>
Bellsouth/AT&T SE	\$3200
Georgia Power (Transmission)	\$396,000
Windstream	\$78,000
CSX Transportation	\$930,800
_____	_____
_____	_____
_____	_____
_____	_____

Attachments

cc:  
Genetha Rice-Singleton, Program Control Administrator

STATE HIGHWAY AGENCY

DATE : 08/25/2010  
PAGE : 1

JOB ESTIMATE REPORT

JOB NUMBER : 422120-  
DESCRIPTION: SR38/US84 FROM W OF WOODYARD CREEK TO W OF GREASY BRANCH

SPEC YEAR: 01

COST GROUPS FOR JOB 422120-

COST GROUP	DESCRIPTION	ALTY	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT	ACTIVE?
BASE	BASE/AGGREGATE (TN)						0.00	Y
ASPH	ASPHALT (TN)						0.00	Y
ERTHCY	EARTHWORK (CY)							Y
EROC	EROSION CONTROL (SY)							Y
PFPM	PERFORMED PLASTIC PAVEMENT MARKING/SYMBOLS							Y
CONC	CONCRETE (SY)							Y
ACTIVE COST GROUP TOTAL								0.00
INFLATED COST GROUP TOTAL								0.00

ITEMS FOR JOB 422120-

LINE	ITEM	ALTY	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	150-1000		LS	TRAFFIC CONTROL - EDS00-0084-00 (023)	1.000	782059.85	782059.85
0010	150-5010		EA	TRAF CTRL,PORABLE IMPACT ATTN	4.000	13117.98	52471.95
0015	153-1300		EA	FIELD ENGINEERS OFFICE TP 3	1.000	78728.23	78728.23
0020	201-1500		LS	CLEARING & GRUBBING -	1.000	3367400.00	3367400.00
0025	205-0001		CY	UNCLASS EXCAV	241679.000	6.04	1459741.16
0030	318-3000		TN	AGGR SURF CRS	3000.000	31.61	94857.39
0035	441-0016		SY	DRIVEWAY CONCRETE, 6 IN TK	7700.000	36.80	283435.46
0040	441-0106		SY	CONC SIDEWALK, 6 IN	14900.000	48.67	725220.55
0045	441-4020		SY	CONC VALLEY GUTTER, 6 IN	1510.000	32.74	49443.29
0050	441-6012		LF	CONC CURB & GUTTER/ 6"X24"TP2	17000.000	21.93	372875.11
0055	446-1100		LF	PVMT REF FAB STRIPS, TP2,18 INCH WIDTH	64100.000	3.55	227608.20
0060	456-2015		GLM	INDENT. RUMB. STRIPS - GRND-IN-PL (SKIP)	20.000	826.33	16526.61
0065	500-3200		CY	CL B CONC	65.000	527.61	34295.24
0070	634-1200		EA	RIGHT OF WAY MARKERS	600.000	93.71	56229.89
0075	641-1100		LF	GUARDRAIL, TP T	1400.000	43.80	61322.53
0080	641-1200		LF	GUARDRAIL, TP W	7100.000	15.25	108338.33
0085	641-5001		EA	GUARDRAIL ANCHORAGE, TP 1	12.000	649.99	7799.90
0090	641-5012		EA	GUARDRAIL ANCHORAGE, TP 12	38.000	1851.74	70366.44
0100	310-5120		SY	GR AGGR BS CRS 12IN INCL MATL	322475.000	21.21	6839814.07
0110	402-3121		TN	RECYL AC 25MM SP,GP1/2,BM&HL	72580.000	66.78	4847240.06
0115	402-3130		TN	RECYL AC 12.5MM SP,GP2,BM&HL	36290.000	61.10	2217556.34
0120	402-3190		TN	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	48390.000	62.90	3043762.45
0125	413-1000		GL	BITUM TACK COAT	37390.000	2.00	75036.87
0130	433-1200		SY	REF CONC APPR SL/I SLOPED EDGE	3700.000	177.27	655930.71
0135	550-1180		LF	STM DR PIPE 18",H 1-10	19555.000	41.21	805956.98
0140	550-2180		LF	SIDE DR PIPE 18",H 1-10	1830.000	28.96	52999.56
0145	550-3318		EA	SAFETY END SECTION 18",STD,4:1	11.000	719.34	7912.76

JOB ESTIMATE REPORT

0150	EA	550-4118	FLARED END SECT 18 IN, SIDE DR	74.000	565.16	41821.91
0155	EA	668-2100	DROP INLET, GP 1	109.000	2657.50	289668.09
0160	SF	636-1020	HWY SGN,TP1MAT,REFL SH TP3	400.000	16.44	6576.62
0165	SF	636-1033	HWY SIGNS, TP1MAT,REFL SH TP 9	1100.000	18.63	20499.14
0170	LF	636-2070	GALV STEEL POSTS, TP 7	3300.000	8.55	28239.65
0175	LF	636-2080	GALV STEEL POSTS, TP 8	40.000	10.45	418.28
0180	LF	636-2090	GALV STEEL POSTS, TP 9	280.000	11.21	3139.69
0185	EA	652-0120	PAVEMENT MARKING, ARROW, TP 2	90.000	29.87	2688.95
0190	LF	652-5451	SOLID TRAF STRIPE, 5 IN, WHITE	20000.000	0.07	1585.60
0195	LF	652-5452	SOLID TRAF STRIPE, 5 IN, YELLO	19000.000	0.06	1295.99
0200	LF	653-1501	THERMO SOLID TRAF ST 5 IN, WHI	112000.000	0.32	36322.72
0205	LF	653-1502	THERMO SOLID TRAF ST, 5 IN YEL	110000.000	0.33	36379.20
0210	LF	653-1704	THERM SOLID TRAF STRIPE,24",WH	370.000	4.16	1540.34
0215	GLF	653-3501	THERMO SKIP TRAF ST, 5 IN, WHI	114000.000	0.17	20368.38
0220	SY	653-6004	THERM TRAF STRIPING, WHITE	1500.000	3.50	5252.48
0225	SY	653-6006	THERM TRAF STRIPING, YELLOW	2000.000	3.26	6530.28
0230	EA	654-1001	RAISED PVMT MARKERS TP 1	280.000	3.75	1052.36
0235	EA	654-1003	RAISED PVMT MARKERS TP 3	1600.000	4.46	7146.10
0240	EA	654-1010	RAISED PVMT MARKERS TP 10	50.000	35.54	1777.25
0245	AC	163-0232	TEMPORARY GRASSING	115.000	563.70	64826.01
0250	TN	163-0240	MULCH	3300.000	190.38	628259.61
0255	EA	163-0300	CONSTRUCTION EXIT	40.000	1804.31	72172.52
0260	EA	163-0503	CONSTR AND REMOVE SILT CONTROL GATE, TP 3	45.000	544.40	24498.34
0265	LF	163-0520	CONSTR AND REMOVE TEMP PIPE SLOPE DRAIN	600.000	20.94	12568.99
0270	EA	163-0523	CONSTR AND REM TEMP DCH CK - TP C SLT FN	30.000	169.73	5092.19
0275	LF	163-0530	CONSTR AND REMOVE BALED STRW EROSION CHK	16000.000	4.65	74478.08
0280	EA	163-0550	CONS & REM INLET SEDIMENT TRAP	85.000	339.25	28836.38
0285	LF	165-0030	MAINT OF TEMP SILT FENCE, TP C	57000.000	0.71	40954.50
0290	EA	165-0040	MAINT OF EROSION CTRL CHKDAMS/DITCH CHKS	30.000	94.01	2820.37
0295	LF	165-0050	MAINT OF SILT RETENTION BARRIER	1200.000	9.67	11605.69
0300	LF	165-0070	MAINT OF BALED STRAW EROSION CHECK	8000.000	1.50	12030.48
0305	EA	165-0087	MAINT OF SILT CONTROL GATE, TP 3	45.000	171.63	7723.60
0310	EA	165-0101	MAINT OF CONST EXIT	40.000	608.13	24325.33
0315	EA	167-1000	WATER QUALITY MONITORING AND SAMPLING	14.000	1471.04	20594.68
0320	LF	171-0030	TEMPORARY SILT FENCE, TYPE C	57000.000	4.04	230495.46
0325	SY	603-2180	STN DUMPED RIP RAP, TP 3, 12"	850.000	46.59	39602.66
0330	SY	603-7000	PLASTIC FILTER FABRIC	850.000	6.08	5169.65
0335	AC	700-6910	PERMANENT GRASSING	230.000	576.99	132709.41
0340	GL	700-7010	LIQUID LIME	570.000	12.59	7179.41
0345	TN	700-8000	FERTILIZER MIXED GRADE	230.000	324.75	74693.14
0350	LB	700-8100	FERTILIZER NITROGEN CONTENT	10.000	3.62	36.20
0355	SY	715-2200	BITUM TRID ROVING, WATERWAYS	71000.000	1.98	141213.32
0360	SY	716-2000	EROSION CONTROL MATS, SLOPES	57000.000	1.89	108289.17
0370	LS	543-9000	CONSTR OF BRIDGE COMPLETE - LITTLE SUWANEE CREEK	1.000	684000.00	684000.00
0375	LS	543-9000	CONSTR OF BRIDGE COMPLETE - BOX CREEK	1.000	1140000.00	1140000.00
0380	LS	543-9000	CONSTR OF BRIDGE COMPLETE - PETERS BRANCH	1.000	684000.00	684000.00

STATE HIGHWAY AGENCY

DATE : 08/25/2010  
PAGE : 3

JOB ESTIMATE REPORT

ITEM	QTY	UNIT	DESCRIPTION	EST. PRICE	TOTAL
0385	543	9000	CONSTR OF BRIDGE COMPLETE - CANE CREEK	1.000	1824000.00
0390	543	9000	CONSTR OF BRIDGE COMPLETE - WOODYARD CREEK OVERFLOW	1.000	666000.00
0395	543	9000	CONSTR OF BRIDGE COMPLETE - WOODYARD/DARBY CREEK	1.000	1332000.00
0400	540	1101	REM OF EX BR, STA NO - 483+00	1.000	104720.00
0405	540	1101	REM OF EX BR, STA NO - 409+00	1.000	65688.00
0410	540	1101	REM OF EX BR, STA NO - 359+00	1.000	98532.00
0415	540	1101	REM OF EX BR, STA NO - 256+00	1.000	74256.00
0420	540	1101	REM OF EX BR, STA NO - 166+00	1.000	164220.00
0425	540	1101	REM OF EX BR, STA NO - 73+00	1.000	74256.00
0430	540	1101	REM OF EX BR, STA NO - 28+00	1.000	131376.00
0435	109	0100	PRICE ADJ - UNLEADED FUEL	1.000	954661.33
0440	109	0200	PRICE ADJ - DIESEL FUEL	1.000	2653226.14
0445	109	0300	PRICE ADJ - ASPHALT CEMENT	1.000	4409767.17
0450	109	2305	FUEL PRI ADJ, UNL FUEL, (BRIDGE)	1.000	18587.77
0455	109	2310	FUEL PRI ADJ, DIESEL, (BRIDGE)	1.000	108991.61
0460	511	1000	BAR REINF STEEL	1.000	109815.000
0465	500	3101	CLASS A CONCRETE	890.000	861.81
0470	550	1240	STM DR PIPE 24",H 1-10	1710.000	45.24
0475	550	1300	STM DR PIPE 30",H 1-10	1985.000	62.07
0480	550	1360	STM DR PIPE 36",H 1-10	1180.000	71.67
0485	550	1480	STM DR PIPE 48",H 1-10	1150.000	134.03
0490	550	2240	SIDE DR PIPE 24",H 1-10	230.000	34.91
0495	550	2300	SIDE DR PIPE 30",H 1-10	190.000	37.77
0500	550	2360	SIDE DR PIPE 36",H 1-10	105.000	62.39
0505	550	3324	SAFETY END SECTION 24",STD,4:1	2.000	1156.43
0510	550	3330	SAFETY END SECTION 30",STD,4:1	1.000	1687.30
0515	550	3336	SAFETY END SECTION 36",STD,4:1	1.000	2067.90
0520	550	4124	FLARED END SECT 24 IN, SIDE DR	8.000	478.08
0525	550	4130	FLARED END SECT 30 IN, SIDE DR	4.000	877.40
0530	550	4218	FLARED END SECT 18 IN, ST DR	111.000	730.04
0535	550	4224	FLARED END SECT 24 IN, ST DR	6.000	848.40
0540	550	4230	FLARED END SECT 30 IN, ST DR	10.000	896.44
0545	550	4236	FLARED END SECT 36 IN, ST DR	6.000	1083.96
0550	668	1100	CATCH BASIN, GP 1	116.000	2574.02
0555	668	1110	CATCH BASIN, GP 1, ADDL DEPTH	107.000	262.63
0560	668	2110	DROP INLET, GP 1, ADDL DEPTH	8.000	276.86
0565	668	2200	DROP INLET, GP 2	2.000	3501.44
0570	668	2210	DROP INLET, GP 2, ADDL DEPTH	2.000	323.82
0575	668	4300	STORM SEW MANHOLE, TP 1	8.000	2554.28
0580	668	4311	ST SEW MANHOLE,TP 1,A DEP,CL 1	4.000	316.01
0585	206	0002	BORROW EXCAV, INCL MATL	642581.000	8.31
0590	310	5140	GR AGGR BS CRS, 14", INCL MATL	117410.000	25.32
ITEM TOTAL					53989637.52
INFLATED ITEM TOTAL					53989637.52

TOTALS FOR JOB 422120-

ESTIMATED COST: 53989637.53  
CONTINGENCY PERCENT ( 0.0 ): 0.00  
ESTIMATED TOTAL: 53989637.53

JOB ESTIMATE REPORT

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CALL NO.

EDS00-0084-00(023)
422120-
8/24/2010

PROJ. NO.  
P.I. NO.  
DATE

Link to Fuel and AC Index:  
<http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx>

INDEX (TYPE)	DATE	INDEX
REG. UNLEADED	Aug-10	\$ 2.625
DIESEL		\$ 2.886
LIQUID AC		\$ 458.00

**LIQUID AC ADJUSTMENTS**

PA=[((APM-APL)/APL)-0.05]xTMTxAPL

Asphalt				
Price Adjustment (PA)				\$ 4,321,504.80
Monthly Asphalt Cement Price month placed (APM)			125%	\$ 1,030.50
Monthly Asphalt Cement Price month project let (APL)				\$ 458.00
<b>Total Monthly Tonnage of asphalt cement (TMT)</b>				<b>7863</b>

ASPHALT	Tons	%AC	AC ton
Leveling		5.0%	0
12.5 OGFC		5.0%	0
12.5 mm	36290	5.0%	1814.5
9.5 mm SP		5.0%	0
25 mm SP	72580	5.0%	3629
19 mm SP	48390	5.0%	2419.5
	<b>157260</b>		<b>7863</b>

**BITUMINOUS TACK COAT**

Price Adjustment (PA)				\$ 88,262.37
Monthly Asphalt Cement Price month placed (APM)			125%	\$ 1,030.50
Monthly Asphalt Cement Price month project let (APL)				\$ 458.00
<b>Total Monthly Tonnage of asphalt cement (TMT)</b>				<b>160.5938235</b>

Bitum Tack			
Gals	gals/ton	tons	
37390	232.8234	160.593823	

CALL NO.

EDS00-0084-00(023)	
422120-	
8/24/2010	

PROJ. NO.

P.I. NO.

DATE

**BITUMINOUS TACK COAT (surface treatment)**

Price Adjustment (PA) \$ - \$  
 Monthly Asphalt Cement Price month placed (APM) \$ 1,030.50  
 Monthly Asphalt Cement Price month project let (APL) \$ 458.00  
 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

**TOTAL LIQUID AC ADJUSTMENT** \$ 4,409,767.17

CALL NO.

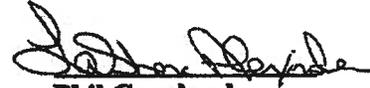
EDS00-0084-00(023)
422120-
8/24/2010

PROJ. NO.  
P.I. NO.  
DATE

<b>FUEL ADJUSTMENTS - ROADWAY</b>		REGULAR UNLEADED		DIESEL		TOTALS
FPA = (((FPM-FPL)/FPL)-10]xQx[F]FPL						
<b>GRADED AGGREGATE BASE (Section 310)</b>						
Fuel Price Adjustment (FPA)			\$ 217,200.03	\$	288,545.07	\$ 505,745.09
Monthly Fuel Price for month work was accomplished (FPM)		Max. Cap	5.906	\$	6.494	
Monthly Fuel Price for month when project was let (FPL)			2.625	\$	2.886	
Quantity Placed (Q)		Ton	299793			
Fuel Usage Factor (F)			0.24		0.29	
<b>ASPHALT (Sections 400 and 402)</b>						
Fuel Price Adjustment (FPA)			\$ 337,057.32	\$	1,513,597.62	\$ 1,850,654.94
Monthly Fuel Price for month work was accomplished (FPM)		Max. Cap	5.906	\$	6.494	
Monthly Fuel Price for month when project was let (FPL)			2.625	\$	2.886	
Quantity Placed (Q)		Ton	157260			
Fuel Usage Factor (F)			0.71		2.90	
<b>EARTHWORK (Section 205 and 206)</b>						
Fuel Price Adjustment (FPA)			\$ 400,403.98	\$	851,083.45	\$ 1,251,487.43
Monthly Fuel Price for month work was accomplished (FPM)		Max. Cap	5.906	\$	6.494	
Monthly Fuel Price for month when project was let (FPL)			2.625	\$	2.886	
Quantity Placed (Q)		Cy	884260			
Fuel Usage Factor (F)			0.15		0.29	
<b>CONCRETE PAVEMENT (Section 430)</b>						
Fuel Price Adjustment (FPA)			\$ -	\$	-	\$ -
Monthly Fuel Price for month work was accomplished (FPM)		Max. Cap	5.906	\$	6.494	
Monthly Fuel Price for month when project was let (FPL)			2.625	\$	2.886	
Quantity Placed (Q)		Sy				
Fuel Usage Factor (F)			0.20		0.25	
<b>TOTAL ROADWAY FUEL ADJUSTMENTS</b>			\$ 954,661.33	\$ 2,653,226.14	\$	<b>3,607,887.47</b>



# Preliminary Right of Way Cost Estimate



**Phil Copeland**  
Right of Way Administrator  
By: LaShone Alexander

Date: June 15, 2010

Project: EDS 84 (23) Clinch/Ware County

P.I. Number: 422120 & 422125

Existing/Required R/W: Varies /Varies

No. Parcels: 109

Project Terminal : East C.L. Homerville to East of Manor

Project Description: SR 38/ US 84 Widening and Reconstruction

## Land:

Residential/Agricultural ( 1 to 5 acre tracts)			
15 acres @ \$4500/acre	=	\$ 67,500	
Agricultural/Residential (5 acres & above)			
24 acres @ \$3500/acre	=	\$ 84,000	
Large Tract, Timberland (100 acres & above)			
105 acres @ \$1800/acre	=	\$189,000	
Easement (Construction Easement from R.R.)			
32 acres @ \$1800/acre x 50%	=	\$ 28,800	
			\$ 369,300

## Improvements :

20 Residences, 1 s-w mobile home  
3 frame sheds, 1 truck scale & 2 buildings = \$ 1,185,000

Relocation: Commercial (2) @ \$25,000 = \$ 50,000  
Residential (21) @ \$40,000 = \$ 840,000

Damage : Proximity - 7 residences, 1 convenience store = \$ 145,000  
Consequential, Cost to Cure  
1 gas canopy & UST's = \$ 200,000

2,420,000

Net Cost \$ 2,789,300

Net Cost		\$ 2,789,300
Scheduling Contingency	55 %	1,534,115
Adm/Court Cost	60 %	<u>2,594,049</u>
		\$ 6,917,464

**Total Cost \$6,917,500**

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

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

FILE

Project No: EDS00-0084-00(023)  
County: CLINCH/WARE

OFFICE: Tifton  
DATE: June 21, 2010

P.I. #: 422120-

Description: **SR 38/US84 FM W OF WOODYARD CK/CLINCH TO W OF GREASY CK/WARE**

FROM  Tim Warren, P.E., District Utilities Engineer

TO Jeremy Busby, Project Manager

SUBJECT **UPDATED- UTILITY COST ESTIMATE - (VIA EMAIL)**

A review of utilities located on the above referenced project has been conducted based on the latest available plans.. Listed below is a breakdown of the anticipated reimbursable and non-reimbursable cost.

<u>Utility Owner</u>	<u>Reimbursable</u>	<u>Non-Reimbursable</u>	<u>Estimate Based on</u>
Atlanta Gas Light -	\$0.00	\$239,000.00	Site Visit / Available Drawings
Bellsouth/AT&T SE	\$3,200.00	\$268,000.00	Site Visit / Available Drawings
Georgia Power Co (Transmission)	\$396,000.00	\$0.00	Site Visit / Available Drawings
Windstream Communications	\$78,000.00	\$502,000.00	Site Visit / Available Drawings
Manor Water Association	\$0.00	\$206,000.00	Site Visit / Available Drawings
COMCAST CABLE	\$0.00	\$107,000.00	Site Visit / Available Drawings
Georgia Power (Distribution) -	\$0.00	\$296,000.00	Site Visit / Available Drawings
<b>Total</b>	<b>\$477,200.00</b>	<b>\$1,618,000.00</b>	

**\*\* Indicates Potential Utility Aid Request from Local Gov't**

If additional information is needed, please contact me or Bill Cooper, Assistant District Utilities Engineer at (229) 386-3288.

TW:BC:KC:ec

c: Jeff Baker, P.E., State Utilities Engineer  
Brent Thomas, District Preconstruction Engineer  
Angela Robinson, State Financial Management Administrator



EDS00-0084-00(023)

6/23/2010

PI#422120

Clinch/Ware County

SR38/US84 from W of Woodyard Creek to W of Greasy Branch

River Basin:	Satilla River
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**Wetlands:**

Req'd Credits	Rate (\$/credit)	Cost (\$)
974.48	3500	\$3,410,680

**Streams:**

Req'd Credits	Rate (\$/credit)	Cost (\$)
406.5	45	\$18,293

Total Mitigation Costs	\$3,428,973 *
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\* this cost represent mitigation for entire US84 corridor, including PI#'s 422125, 522770, 522775, and 522780

# NOTICE OF LOCATION AND DESIGN APPROVAL

**EDS00-0084-00(023)**

**P.I. Number: 422120**

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 29, 2011**

Project EDS00-0084-00(023) PI#422120- in Clinch/Ware County would widen SR38/US84 from just west of Woodyard Creek in Clinch County to just west of Greasy Branch in Ware County. The project proposes to replace the existing bridges over Woodyard Creek, Woodyard Creek Overflow, Cane Creek, Peters Branch, Box Creek, Little Suwanee Creek, and the Suwanee Creek. The project is approximately 11.6 miles in length, beginning at MP 15.38 in Clinch County and ending at MP 3.99 in Ware County. The project is within GMD 1224 and 1389 in Clinch County and GMD 1490, 1231, and 1082 in Ware 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:

Jerry Hughes, Area Engineer

[jhughes@dot.ga.gov](mailto:jhughes@dot.ga.gov)

1411 Madison Highway, Valdosta, GA 31601

229-333-5287

Corey Knox, Area Engineer

[cknox@dot.ga.gov](mailto:cknox@dot.ga.gov)

104 N Nichols Street, Waycross, GA 31501

912-285-6009

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](mailto:bhilliard@dot.ga.gov)

600 West Peachtree Street, Atlanta, GA 30308

404-631-1930

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.