

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE STP00-0000-00 (759) Lincoln **DATE** June 21, 2011
PI 0000759

FROM Vonda L. Everett, District Planning & Programming Engineer

TO Brent Story, State Design Policy Engineer
Attention: Dave Peters, State Conceptual Design Group Manager

SUBJECT **Request for Location and Design Approval**

Description and Project Proposal:

The project consists of the relocation of SR 79 along CR 278 / New Petersburg Road, beginning at the intersection with SR 43 / US 378 east of the City of Lincolnton to the intersection with existing SR 79. The proposed project length is 1.66 miles. The proposed typical section consists of one 12-foot lane in each direction with 10-foot shoulders, 4-foot of which is paved.

Concept Approval Date:

The original Concept Report was approved 12/19/2003. The revised Concept Report was approved 10/25/2005.

Concept Update:

There are no updates to the approved Concept Report.

Environmental Document Type, Approval Date and any Re-evaluations:

A Categorical Exclusion (CE) was completed on the project and was approved by FHWA on 6/21/2011. Signature page attached.

Public Involvement:

A Public Information Open House was held on October 28, 2008 at the Lincoln County High School from 4:00 to 7:00 p.m. Thirty-three people attended with 3 for, 1 conditional, 1 uncommitted and 2 against. A copy of the synopsis is attached.

Consistency with Approved Planning:

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

Recommendations:

RECOMMEND: Bill R. McManis
Director of Engineering

APPROVE: Deem R. 6/26/2011
Chief Engineer Date

DATE OF LOCATION AND DESIGN APPROVAL: June 29, 2011

Attachments: Notice of Location and Design Approval
Sketch Map
Cost Estimate
Categorical Exclusion (CE) signature page
PIOH Synopsis

NOTICE OF LOCATION AND DESIGN APPROVAL

STP00-0000-00 (759)

Lincoln County

P.I. No. 0000759

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 June 29, 2011.

The project consists of the relocation of SR 79 along CR 278 / New Petersburg Road, beginning at the intersection with SR 43 / US 378 east of the City of Lincoln to the intersection with existing SR 79. The proposed project length is 1.66 miles. The proposed typical section consists of one 12-foot lane in each direction with 10-foot shoulders, 4-foot of which is paved. This project is located in the 186th GMD.

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

Michael Keene, Area Engineer

mkeene@dot.ga.gov

4260 Frontage Road

Augusta, GA 30909

(706) 855-3466

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:

George M. Brewer

District Two Preconstruction Department

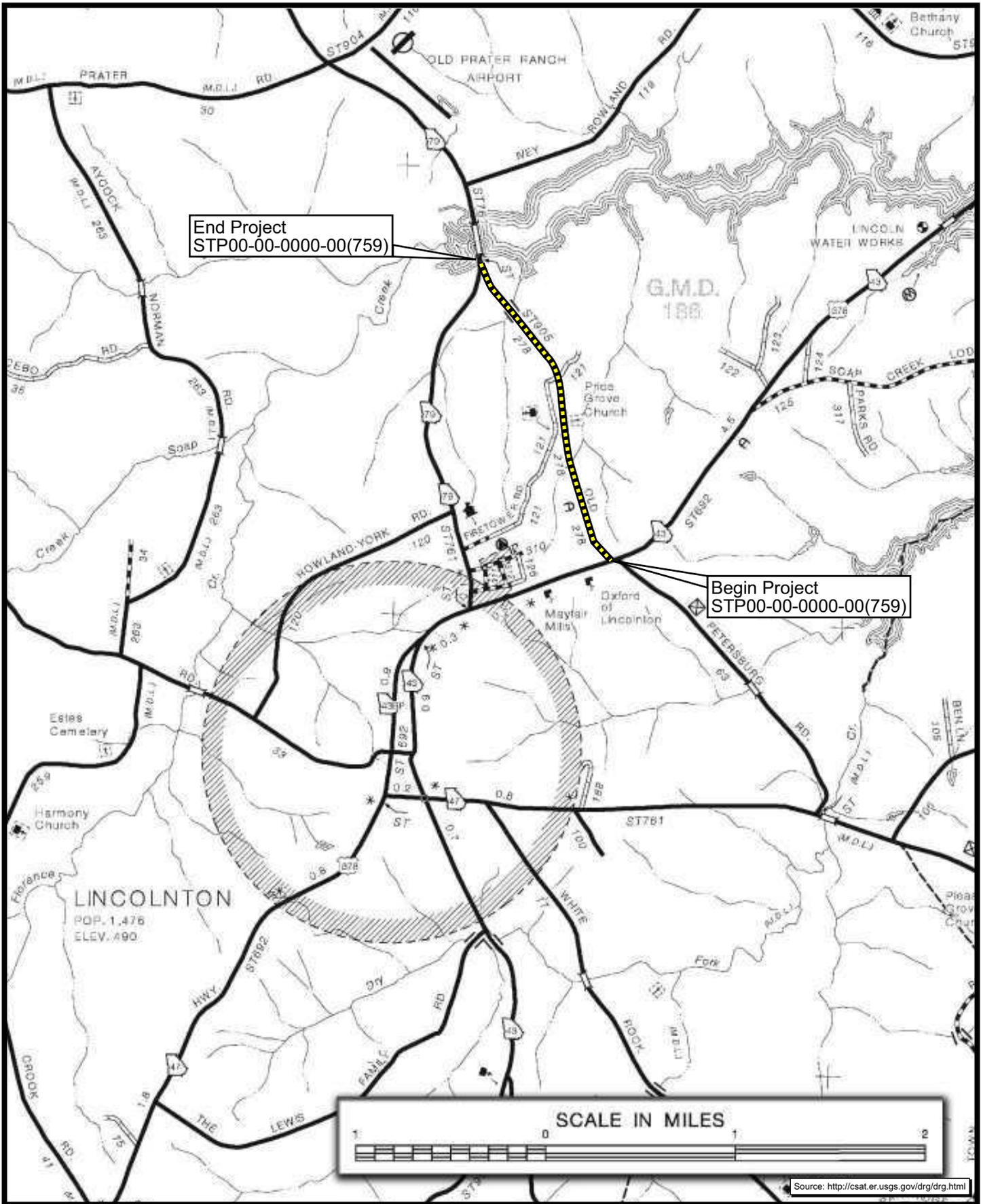
gbrewer@dot.ga.gov

P. O. Box 8

Tennille, GA 31089

(478) 552-4629

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



50506-090_EnvDoc_Grphs.FH11

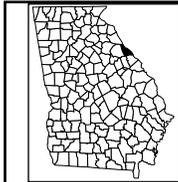


FIGURE 1 - Project Location Map

STP00-0000-00(759) P.I. 0000759
 Lincoln County
 Relocation of SR 79 Along CR 278
 from SR 79 to SR 43



DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE PROJECT No. , **OFFICE**
 DATE

P.I. No.

FROM

TO Ronald E. Wishon, Project Review Engineer

SUBJECT REVISIONS TO PROGRAMMED COSTS

PROJECT MANAGER

MNGT LET DATE

MNGT R/W DATE

PROGRAMMED COST (TPro W/OUT INFLATION)

LAST ESTIMATE UPDATE

CONSTRUCTION \$

DATE

RIGHT OF WAY \$

DATE

UTILITIES \$

DATE

REVISED COST ESTIMATES

CONSTRUCTION* \$

RIGHT OF WAY \$

UTILITIES \$

* Costs contain % Engineering and Inspection

REASON FOR COST INCREASE

Yearly cost update including updated quantities as well as the fuel and liquid AC adjustment.

CONTINGENCY SUMMARY

Construction Cost Estimate:	\$ 3,391,244.53	(Base Estimate)
Engineering and Inspection:	\$ 169,562.23	(Base Estimate x 5 %)
Total Fuel Adjustment	\$ 373,659.75	(From attached worksheet)
Total Liquid AC Adjustment	\$ 764,013.67	(From attached worksheet)
Construction Total:	\$ 4,698,480.18	

REIMBURSABLE UTILITY COST

Utility Owner

Reimbursable Cost

Attachments

DETAILED COST ESTIMATE



Job: 0000759_BT

JOB NUMBER: 0000759_BT

FED/STATE PROJECT NUMBER STP00-0000-00(759)

SPEC YEAR: 01

DESCRIPTION: ESTIMATE FOR LINCOLN CO. RELOCATION SR. 79

ITEMS FOR JOB 0000759_BT

0010 - ROADWAY

LINE	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0005	150-1000	1.000	LS	\$38,650.00	TRAFFIC CONTROL - STP00-0000-00(759)	\$38,650.00
0010	153-1300	1.000	EA	\$64,617.13	FIELD ENGINEERS OFFICE TP 3	\$64,617.13
0015	207-0203	162.000	CY	\$40.74	FOUND BK FILL MATL, TP II	\$6,599.36
0020	210-0100	1.000	LS	\$865,450.00	GRADING COMPLETE - STP00-0000-00(759)	\$865,450.00
0025	310-1101	19404.000	TN	\$16.17	GR AGGR BASE CRS, INCL MATL	\$313,781.89
0030	318-3000	1434.000	TN	\$17.91	AGGR SURF CRS	\$25,679.74
0035	402-1812	678.000	TN	\$76.86	RECYL AC LEVELING, INC BM&HL	\$52,110.27
0040	402-3102	3761.000	TN	\$66.66	REC AC 9.5 MM SP, TPII, BL 1 INCL BM & HL	\$250,696.19
0045	402-3121	11083.000	TN	\$62.61	RECYL AC 25MM SP, GP1/2, BM&HL	\$693,951.52
0050	402-3190	4923.000	TN	\$66.51	RECYL AC 19 MM SP, GP 1 OR 2, INC BM&HL	\$327,441.78
0055	413-1000	3419.000	GL	\$3.60	BITUM TACK COAT	\$12,322.01
0065	441-0016	78.000	SY	\$40.27	DRIVEWAY CONCRETE, 6 IN TK	\$3,141.44
0069	441-0018	357.000	SY	\$36.49	DRIVEWAY CONCRETE, 8 IN TK	\$13,026.33
0070	441-3999	655.000	LF	\$16.18	CONCRETE V GUTTER	\$10,597.55
0080	444-1000	12.000	LF	\$6.73	SAWED JTS IN EXIST PVMTS - PCC	\$80.74
0085	446-1100	4900.000	LF	\$3.35	PVMT REF FAB STRIPS, TP2, 18 INCH WIDTH	\$16,409.81
0090	456-2015	1.040	GLM	\$1,000.00	INDENT. RUMB. STRIPS - GRND-IN-PL (SKIP)	\$1,040.00
0095	500-3101	233.000	CY	\$427.29	CLASS A CONCRETE	\$99,558.95
0105	511-1000	25664.000	LB	\$0.60	BAR REINF STEEL	\$15,401.99
0110	550-1180	686.000	LF	\$28.91	STM DR PIPE 18", H 1-10	\$19,829.39
0115	550-1240	200.000	LF	\$40.06	STM DR PIPE 24", H 1-10	\$8,011.50
0120	550-2180	1100.000	LF	\$22.67	SIDE DR PIPE 18", H 1-10	\$24,937.91
0125	550-2240	380.000	LF	\$36.79	SIDE DR PIPE 24", H 1-10	\$13,978.50
0130	550-3318	4.000	EA	\$533.05	SAFETY END SECTION 18", STD, 4:1	\$2,132.18
0135	550-3324	4.000	EA	\$589.02	SAFETY END SECTION 24", STD, 4:1	\$2,356.10
0140	550-3618	56.000	EA	\$429.85	SAFETY END SECTION 18", SD, 6:1	\$24,071.51
0145	550-3624	18.000	EA	\$815.53	SAFETY END SECTION 24", SD, 6:1	\$14,679.45
0150	550-4218	4.000	EA	\$507.31	FLARED END SECT 18 IN, ST DR	\$2,029.23
0159	550-4224	2.000	EA	\$615.67	FLARED END SECT 24 IN, ST DR	\$1,231.34
0160	634-1200	95.000	EA	\$115.00	RIGHT OF WAY MARKERS	\$10,925.00
0165	641-1200	1010.000	LF	\$15.06	GUARDRAIL, TP W	\$15,208.35
0170	641-5001	4.000	EA	\$581.79	GUARDRAIL ANCHORAGE, TP 1	\$2,327.18
0175	641-5012	4.000	EA	\$1,734.40	GUARDRAIL ANCHORAGE, TP 12	\$6,937.60
0180	643-8200	1644.000	LF	\$2.15	BARRIER FENCE (ORANGE), 4 FT	\$3,540.81
0185	668-2100	4.000	EA	\$1,698.87	DROP INLET, GP 1	\$6,795.48
SUBTOTAL FOR ROADWAY:						\$2,969,548.23

0020 - EROSION CONTROL

LINE	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0190	603-2181	360.000	SY	\$44.00	STN DUMPED RIP RAP, TP 3, 18"	\$15,838.85
0195	603-7000	360.000	SY	\$4.25	PLASTIC FILTER FABRIC	\$1,529.07
0200	700-6910	29.000	AC	\$1,000.00	PERMANENT GRASSING	\$29,000.00
0205	700-7000	58.000	TN	\$65.00	AGRICULTURAL LIME	\$3,770.00
0215	700-8000	11.600	TN	\$350.00	FERTILIZER MIXED GRADE	\$4,060.00
0220	700-8100	1450.000	LB	\$2.30	FERTILIZER NITROGEN CONTENT	\$3,335.00
0225	710-9000	696.000	SY	\$3.95	PERM SOIL REINFORCING MAT	\$2,749.20
0230	716-2000	18116.000	SY	\$1.24	EROSION CONTROL MATS, SLOPES	\$22,463.84
SUBTOTAL FOR EROSION CONTROL:						\$82,745.96

DETAILED COST ESTIMATE



Job: 0000759_BT

0030 - TEMPORARY EROSION CONTROL

LINE	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0235	163-0232	15.000	AC	\$600.00	TEMPORARY GRASSING	\$9,000.00
0240	163-0240	532.000	TN	\$250.00	MULCH	\$133,000.00
0245	163-0300	2.000	EA	\$1,800.00	CONSTRUCTION EXIT	\$3,600.00
0250	163-0520	2500.000	LF	\$15.00	CONSTR AND REMOVE TEMP PIPE SLOPE DRAIN	\$37,500.00
0255	163-0527	185.000	EA	\$245.00	CNST/REM RIP RAP CKDM,STN P RIPRAP/SN BG	\$45,325.00
0260	163-0528	4380.000	LF	\$3.15	CONSTR AND REM FAB CK DAM -TP C SLT FN	\$13,797.00
0265	163-0550	4.000	EA	\$200.00	CONS & REM INLET SEDIMENT TRAP	\$800.00
0270	165-0030	3620.000	LF	\$1.50	MAINT OF TEMP SILT FENCE, TP C	\$5,430.00
0275	165-0041	4040.000	LF	\$2.50	MAINT OF CHECK DAMS - ALL TYPES	\$10,100.00
0280	165-0101	2.000	EA	\$700.00	MAINT OF CONST EXIT	\$1,400.00
0285	165-0105	4.000	EA	\$110.00	MAINT OF INLET SEDIMENT TRAP	\$440.00
0290	167-1000	2.000	EA	\$1,500.00	WATER QUALITY MONITORING AND SAMPLING	\$3,000.00
0295	167-1500	18.000	MO	\$1,000.00	WATER QUALITY INSPECTIONS	\$18,000.00
0300	171-0030	7240.000	LF	\$4.00	TEMPORARY SILT FENCE, TYPE C	\$28,960.00
SUBTOTAL FOR TEMPORARY EROSION CONTROL:						\$310,352.00

0040 - SIGNS AND MARKING

LINE	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0305	636-1020	212.000	SF	\$17.00	HWY SGN,TP1MAT,REFL SH TP3	\$3,604.00
0309	636-1029	53.000	SF	\$15.00	HWY SGN,TP2 MATL,REFL SH TP 3	\$795.00
0310	636-1033	139.000	SF	\$22.00	HWY SIGNS, TP1MAT,REFL SH TP 9	\$3,058.00
0315	636-2070	642.000	LF	\$9.00	GALV STEEL POSTS, TP 7	\$5,778.00
0319	636-2080	125.000	LF	\$12.00	GALV STEEL POSTS, TP 8	\$1,500.00
0320	652-5451	25770.000	LF	\$0.06	SOLID TRAF STRIPE, 5 IN, WHITE	\$1,594.39
0325	652-5452	18270.000	LF	\$0.09	SOLID TRAF STRIPE, 5 IN, YELLO	\$1,722.50
0330	652-5701	212.000	LF	\$3.08	SOLID TRAF STRIPE, 24", WHITE	\$653.05
0335	652-6501	400.000	GLF	\$0.09	SKIP TRAF STRIPE, 5 IN, WHITE	\$37.87
0340	652-6502	6230.000	GLF	\$0.05	SKIP TRAF STRIPE, 5 IN, YELLOW	\$341.78
0345	653-0120	17.000	EA	\$75.00	THERM PVMT MARK, ARROW, TP 2	\$1,275.00
0350	653-6004	226.000	SY	\$3.00	THERM TRAF STRIPING, WHITE	\$678.00
0355	653-6006	1825.000	SY	\$3.25	THERM TRAF STRIPING, YELLOW	\$5,931.25
0360	654-1001	266.000	EA	\$3.75	RAISED PVMT MARKERS TP 1	\$997.50
0365	654-1002	41.000	EA	\$4.00	RAISED PVMT MARKERS TP 2	\$164.00
0370	654-1003	117.000	EA	\$4.00	RAISED PVMT MARKERS TP 3	\$468.00
SUBTOTAL FOR SIGNS AND MARKING:						\$28,598.34

TOTALS FOR JOB 0000759_BT

ITEMS COST:	\$3,391,244.53
COST GROUP COST:	\$0.00
ESTIMATED COST:	\$3,391,244.53
CONTINGENCY PERCENT:	0.00
ENGINEERING AND INSPECTION:	0.00
ESTIMATED COST WITH CONTINGENCY AND E&I:	\$3,391,244.53

P.I. Number 000759

County Lincoln

Project Number STP00-0000-00 (759)

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

ENTER FPL DIESEL	3.923
ENTER FPM DIESEL	8.827

ENTER FPL UNLEADED	3.664
ENTER FPM UNLEADED	8.244

<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)	19404.000	0.29	5627.16	0.24	4656.96	
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)	20445.000	2.90	59290.50	0.71	14515.95	
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 <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=		64917.66		SUM QF UNLEADED=		19172.91	
DIESEL PRICE ADJUSTMENT(\$)				\$292,872.78			
UNLEADED PRICE ADJUSTMENT(\$)				\$80,786.97			

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

ENTER APL

ENTER APM

NO ADJUSTMENT: WITHIN 5% **NO ADJUSTMENT REQUIRED**

Use this side for Asphalt Emulsion Only		
L.I.N.	TYPE	ASPHALT EMULSION (GALLONS)
TMT =		<input type="text"/>
REMARKS:		

Use this side for Asphalt Cement Only		
L.I.N.	TYPE	TACK (GALLONS)
TMT =		<input type="text"/>
REMARKS:		

MONTHLY PRICE ADJUSTMENT(\$) **MISSING APL OR APM**

ADJUSTMENT SUMMARY

FUEL PRICE ADJUSTMENT (<i>ENGLISH 125% MAX</i>)	
DIESEL PRICE ADJUSTMENT(\$)	<u>\$292,872.78</u>
UNLEADED PRICE ADJUSTMENT(\$)	<u>\$80,786.97</u>
ASPHALT CEMENT PRICE ADJUSTMENT (<i>BITUMINOUS TACK COAT 125% MAX</i>)	<u>\$10,819.87</u>
400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT <i>125% MAX</i>	<u>\$753,193.80</u>
ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(<i>Surface Treatment 125% MAX</i>)	<u>MISSING APL OR APM</u>

REMARKS:

TOTAL ADJUSTMENTS **\$1,137,673.42**

Prepared By:

James R. Kitchings
Jim Kitchings
District Environmentalist
Georgia Department of Transportation

6/14/11
Date

Reviewed By:

George M. Brewer
George Brewer
District Preconstruction Engineer
Georgia Department of Transportation

6/14/2011
Date

Concurred By:

Glenn Bowman, P.E.
Glenn Bowman, P.E.
State Environmental Administrator
Georgia Department of Transportation

June 16, 2011
Date

Approved By:

Rodney N. Barry, P.E.
Rodney N. Barry, P.E.
Division Administrator
Federal Highway Administration

6/21/11
Date

Attachments appear in the following order:

1. Effects Evaluation
2. Correspondence
3. Report Coordination
4. Concept Report
4. Public Information Open House Materials

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE: P. I. No. 0000759 OFFICE: Environmental/Location
DATE: November 18, 2008

FROM Glenn Bowman, P.E., State Environmental/Location Engineer

TO Distribution Below

SUBJECT PUBLIC INFORMATION OPEN HOUSE SYNOPSIS

PROJECT No. & COUNTY: STP00-0000-00(759), Lincoln

PROJECT DESCRIPTION: The proposed realignment of SR 79 along County Road 278 / Petersburg Road to SR 43 east of the City of Lincoln.

DATE: November 28, 2008

NUMBER IN ATTENDANCE: 33

FOR: 3

CONDITIONAL: 1

UNCOMMITTED: 1

AGAINST: 2

OFFICIALS IN ATTENDANCE: Robert Seymour, Lincoln Co. Public Works
Alan Burke, Lincoln Co. Dev. Authority
Walter Norman, Lincoln Co. BOC
Randle Edwards, Lincoln Co. School Superintendent

ADDITIONAL COMMENTS: None

PREPARED BY: Jim Kitchings

TELEPHONE No.: (478) 553-2283

cc: Gerald M. Ross, P.E.
Anthony J.(Tony) Collins
Vonda Everett
Genetha Rice-Singleton
Zanda Crawford