

ORIGINAL TO GENERAL FILES

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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

**FILE** P.I. #0007531 **OFFICE** Design Policy & Support  
CSHPP-0007-00(531)  
GDOT District 2 - Tennille  
Baldwin County **DATE** February 24, 2011  
East Greene St. Ext. in Milledgeville

**FROM**  Brent Story, State Design Policy Engineer

**TO** SEE DISTRIBUTION

**SUBJECT** APPROVED REVISED CONCEPT REPORT

Attached is the approved Revised Concept Report for the above subject project.

Attachment

DISTRIBUTION:

Genetha Rice-Singleton, Program Control Administrator  
Ron Wishon, State Project Review Engineer  
Glenn Bowman, State Environmental Administrator  
Ken Thompson, Statewide Location Bureau Chief  
Kathy Zahul, State Traffic Engineer  
Cindy VanDyke, State Transportation Planning Administrator  
Bobby Hilliard, State Program Delivery Engineer  
Georgene Geary, State Materials & Research Engineer  
Angela Robinson, Financial Management Administrator  
Jeff Baker, State Utilities Engineer  
Jack (Gus) Cooper, District Utilities Engineer  
George Brewer, District Preconstruction Engineer  
Jimmy Smith, District Engineer  
Vonda Everett, Project Manager  
BOARD MEMBER - 12th Congressional District

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

District 2

REVISED PROJECT CONCEPT REPORT

Project Number: CSHPP-0007-00 (531)

County: Baldwin

P. I. Number: 0007531

Federal Route Number: N/A

State Route Number: N/A

*In an effort to reduce construction costs, the scope of the project was reduced while still maintaining the stated Need and Purpose of improving access. The revised concept begins at the intersection of Greene Street and Warren Street instead of the intersection with South Elbert Street. Curb and gutter and sidewalks will be eliminated.*

Submitted for approval:

DATE 1/26/11

Shrijal Amin, Moreland Altobelli Associates  
Design Consultant Name and Firm Name

DATE 2/1/11

Richard W. Bentley  
Local Government

DATE \_\_\_\_\_

\_\_\_\_\_  
Design Phase Office Head

DATE 1/26/11

Glenn M. Brown  
Office Head (Project manager's Office)

DATE 1-26-11

Yondad Everett  
Project Manager

Recommendation for approval:

DATE 2/2/11

Glenn Bowman (recommendation on file) / KLP  
State Environmental Administrator

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Program (RTP) and/or the State Transportation Improvement Program (STIP).

DATE 2/7/11

Cindy VanDyke (recommendation on file) / KLP  
State Transportation Planning Administrator

**Need and Purpose:**

The proposed project would construct a two-lane urban roadway. The purpose of this project is to provide multi-modal access to the Oconee River Greenway Riverfront Park and Trails. This recreational community and cultural resource does not have adequate access from the City of Milledgeville and from the Georgia College & State University main campus. Without the extension of Greene Street, there would be inadequate access for vehicles, bikes and pedestrians to reach the park facilities and greenway trails along the Oconee River.

**Project Location:**

The revised project will begin at the intersection of Greene Street and Warren Street and end at the future proposed entrance to the Oconee River Greenway Riverfront Park and Trails.

**Description of the approved concept:** The proposed project would construct a 20-foot wide two-lane extension of Greene Street (CS 582) from Warren Street to the entrance to the Oconee River Greenway Riverfront Park and Trails. Additionally, the project would resurface and add curb and gutter to Greene Street (CS 582) from Elbert Street to Warren Street and provide a 5-foot sidewalk on the south side of the road. At the intersection of Elbert Street, a 150-foot left turn lane would be constructed to accommodate a future traffic signal installation at this intersection. The Greene Street extension would also include curb and gutter and a 5-foot sidewalk on the south side of the road. Bikes would be accommodated on Greene Street by sharing the travel way with vehicles due to the low volume of vehicular traffic. The approximate length of the extension is 0.28 mile (1,500 feet).

**PDP Classification:** Minor  Major

**Federal Oversight:** Full Oversight , Exempt , State Funded , or Other

**Functional Classification:** Urban, Local

**U. S. Route Number(s):** N/A

**State Route Number(s):** N/A

**Traffic (AADT) as shown in the approved concept:**

Base Year 2009: 100 vpd Design Year 2029: 200 vpd

**Updated traffic data (AADT):**

Base Year 2012: 100 vpd Design Year 2032: 200 vpd

**Approved Programmed/Schedule:**

P.E.: 2008 R/W: LOCL Construction: 2012

**VE Study Required:** Yes  No

**Benefit/Cost Ratio:** N/A

**Is the project located in an ozone Non-attainment area?** Yes  No

**Is the project located in a PM2.5 Non-attainment area?** Yes  No

<p><b>Approved features:</b></p> <p>The project began at the intersection of Greene Street and South Elbert Street, STA. 11+00, and ended at STA. 27+50, where it tied into the future Oconee River Greenway Riverfront Park and Trail. From its intersection with South Elbert Street to its intersection with South Warren Street, Greene Street was to be improved with overlay, curb &amp; gutter, a sidewalk, and urban drainage. From its intersection with South Warren Street to its end at the Greenway Trail, Greene Street was to be extended with full depth construction, curb &amp; gutter, a sidewalk, and urban drainage.</p>	<p><b>Proposed Features:</b></p> <p>The project begins at the intersection of Greene Street and South Warren Street, STA. 16+00, and ends at STA. 27+50, where it ties into the future Oconee River Greenway Riverfront Park and Trail. From the beginning at the intersection with South Warren Street to the end at the Greenway Trail, Greene Street is to be extended with full depth construction, 2 ft. paved shoulders, and roadside drainage. There will be no landscaping design.</p>
<p><b>Reason for Change:</b></p> <p>The changes include removal of landscape items and shortening the length of the project. Also, a rural typical section will be utilized in lieu of an urban section with curb and gutter and longitudinal drainage. This revision is being made in an effort to reduce the construction cost of the project while still maintaining the stated Need and Purpose which is to improve access to the park facilities.</p>	

**Potential Environmental Impacts of proposed Revision:**

The environmental document has been approved and the impacts are reduced due to a shortened project.

**Have proposed Revisions Been Reviewed by Environmental Staff?** Yes (X) No ( )

**NEPA:** The environmental document will not need to be reevaluated due to this revision.

**Ecology:** There are no additional effects to any ecological systems due to this revision.

**Archeology:** There are no additional impacts to archeological resources due to this revision.

**History:** There are no additional impacts to historic resources due to this revision.

**Air/Noise:** There will be no additional air/noise analysis required for this revision.

**Public Involvement:** No additional public outreach will be required due to this revision.

<b>Updated Cost Estimate</b>	
Base Construction Cost	\$314,527.68
Engineering and Inspection	\$50,720.85
Fuel & Asphalt Adjustment	\$50,064.13
<u>Total Construction Cost</u>	\$415,312.66
Right-of-Way	N/A
Utilities (reimbursable)	LOCAL
Environmental Mitigation	N/A

**Recommendation:**

Recommend that the proposed revision to the concept be approved for implementation.

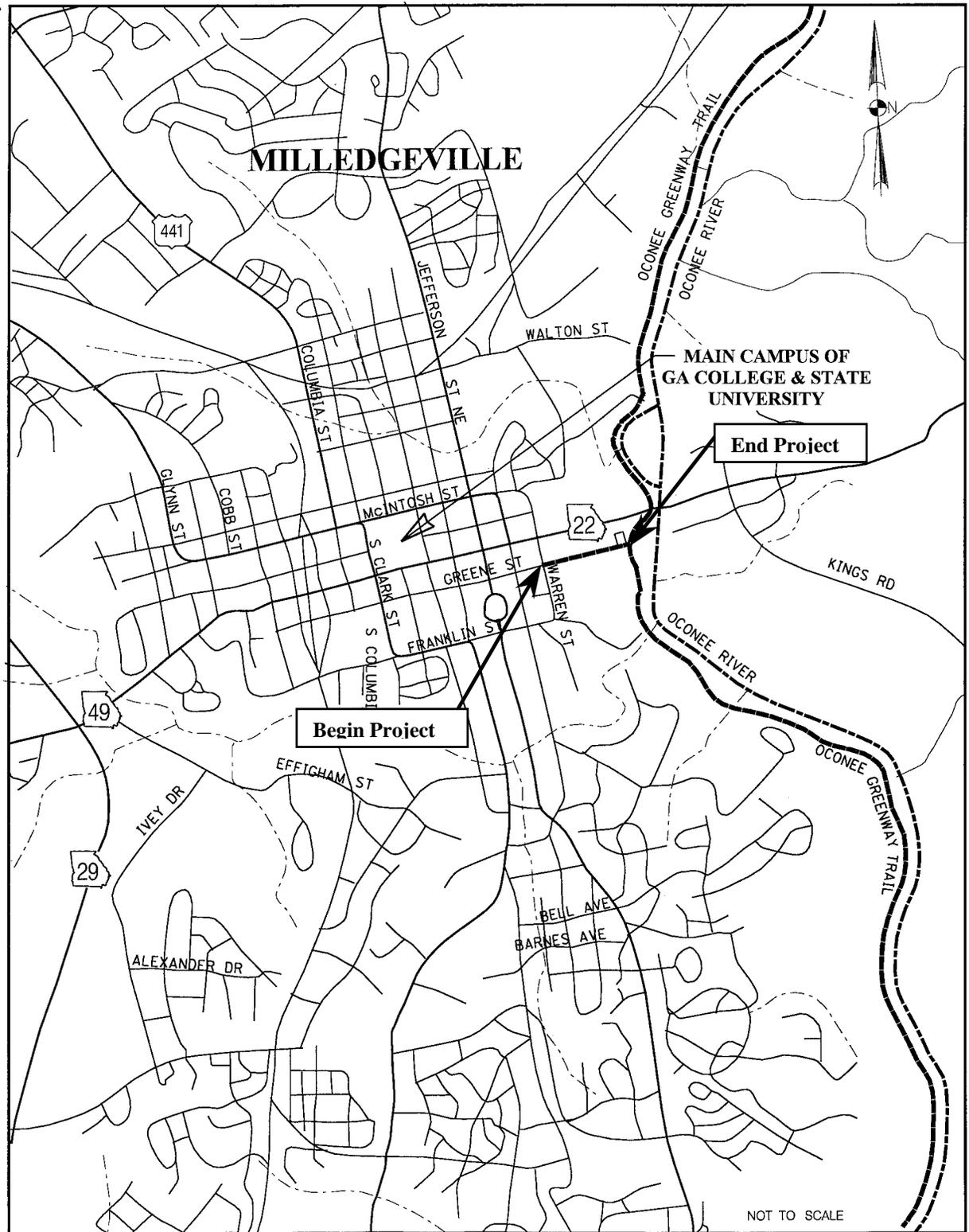
Approve:   
Director of Engineering

Approve:   
Chief Engineer

Date: 2-23-11

Attachments:

1. Sketch Map
2. Cost Estimates
3. Typical Section



STATE HIGHWAY AGENCY  
JOB ESTIMATE REPORT  
ITEMS FOR JOB 0007531

DATE : 01/04/2011

JOB NUMBER : 0007531  
DESCRIPTION: GREENE STREET EXTENSION  
SPEC YEAR: 01

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	310-5080		SY	GR AGGR BS CRS 8IN INCL MATL	2778.000	13.95	38772.18
0010	402-3110		TN	RECY ASPH 9.5 MMSP,GPIOR2,INCL B M & HL	175.000	80.54	14096.05
0015	402-3121		TN	RECYL AC 25MM SP,GP1/2,BM&HL	500.000	76.78	38390.29
0020	402-3190		TN	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	500.000	78.20	39102.94
0025	413-1000		GL	BITUM TACK COAT	400.000	3.39	1356.83
0030	432-5010		SY	MILL ASPH CONC PVMT,VARB DEPTH	100.000	10.50	1050.93
0035	150-1000		LS	TRAFFIC CONTROL - 0007531	1.000	50000.00	50000.00
0040	210-0100		LS	GRADING COMPLETE - 0007531	1.000	100000.00	100000.00
0045	550-1240		LF	STM DR PIPE 24",H 1-10	40.000	43.63	1745.20
0050	550-3324		EA	SAFETY END SECTION 24",STD,4:1	2.000	927.47	1854.96
0055	636-1020		SF	HWY SGN,TP1MAT,REFL SH TP3	35.000	16.22	568.04
0060	636-1033		SF	HWY SIGNS, TP1MAT,REFL SH TP 9	35.000	22.30	780.55
0065	636-2070		LF	GALV STEEL POSTS, TP 7	25.000	10.98	274.61
0070	636-2080		LF	GALV STEEL POSTS, TP 8	120.000	10.08	1210.39
0075	653-1501		LF	THERMO SOLID TRAF ST 5 IN, WHI	2750.000	0.43	1201.20
0080	653-1502		LF	THERMO SOLID TRAF ST, 5 IN YEL	2950.000	0.36	1082.06
0085	653-1704		LF	THERM SOLID TRAF STRIPE,24",WH	40.000	4.33	173.26
0090	653-1804		LF	THERM SOLID TRAF STRIPE, 8",WH	700.000	1.78	1251.08
0095	163-0232		AC	TEMPORARY GRASSING	1.000	89.75	89.76
0100	163-0240		TN	MULCH	6.000	332.98	1997.92
0105	163-0300		EA	CONSTRUCTION EXIT	1.000	1291.22	1291.23
0110	163-0550		EA	CONS & REM INLET SEDIMENT TRAP	2.000	158.89	317.78
0115	165-0010		LF	MAINT OF TEMP SILT FENCE, TP A	170.000	0.89	152.48
0120	165-0030		LF	MAINT OF TEMP SILT FENCE, TP C	400.000	0.96	387.78
0125	165-0086		EA	MAINT OF SILT CONTROL GATE, TP 2	3.000	198.34	595.03
0130	165-0101		EA	MAINT OF CONST EXIT	1.000	261.28	261.28
0135	165-0105		EA	MAINT OF INLET SEDIMENT TRAP	2.000	53.66	107.34
0140	167-1000		EA	WATER QUALITY MONITORING AND SAMPLING	1.000	555.11	555.12
0145	167-1500		MO	WATER QUALITY INSPECTIONS	12.000	598.10	7177.29
0150	171-0010		LF	TEMPORARY SILT FENCE, TYPE A	340.000	2.13	726.95
0155	171-0030		LF	TEMPORARY SILT FENCE, TYPE C	800.000	3.00	2405.37
0160	603-2018		SY	STN DUMPED RIP RAP, TP 1, 18"	35.000	64.23	2248.27
0165	603-7000		SY	PLASTIC FILTER FABRIC	300.000	3.74	1123.53
0170	700-6910		AC	PERMANENT GRASSING	1.000	584.74	584.74
0175	700-7000		TN	AGRICULTURAL LIME	4.000	42.11	168.46
0180	700-7010		GL	LIQUID LIME	7.000	20.62	144.36
0185	700-8000		TN	FERTILIZER MIXED GRADE	2.000	481.90	963.82
0190	700-8100		LB	FERTILIZER NITROGEN CONTENT	120.000	2.65	318.60

TOTALS FOR JOB 0007531

ESTIMATED COST:

314527.68

P.I. Number 7531 County Baldwin Date 1/7/2011  
 Project Number CSHPP-0007-00 (531)

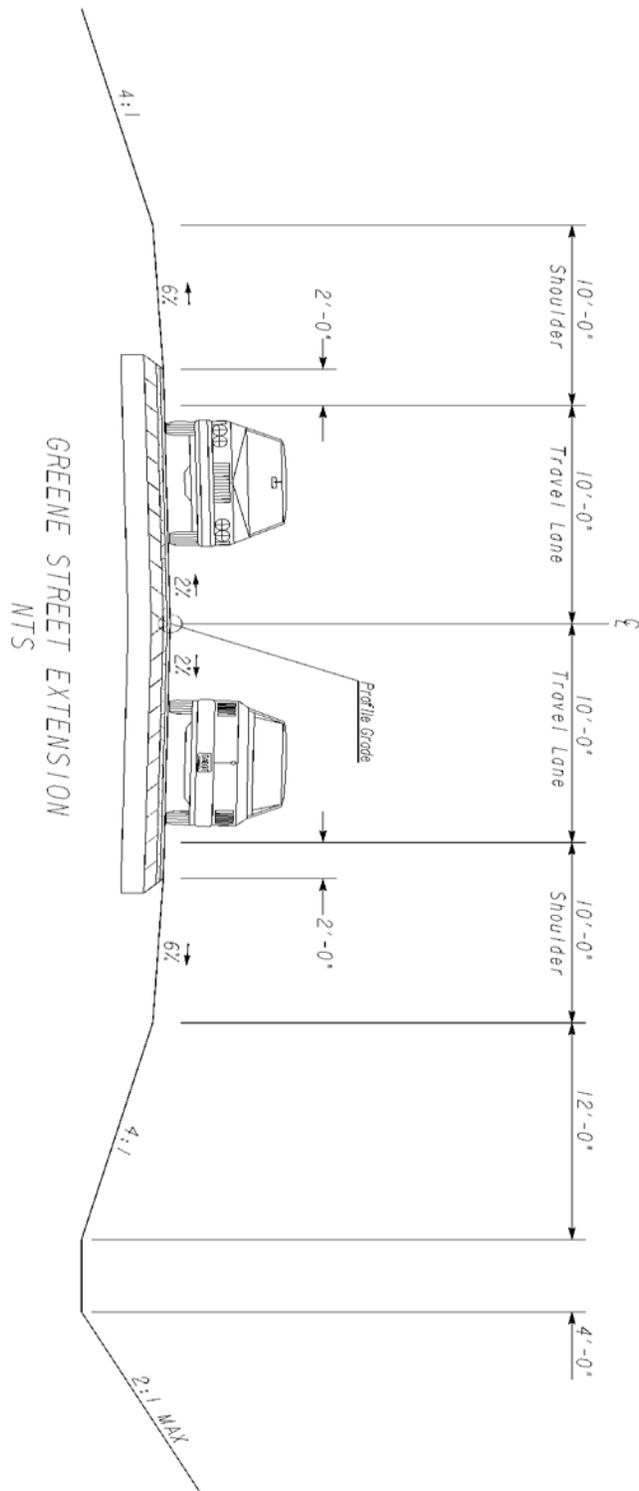
Special Provision, Section 109-Measurement and Payment								
FUEL PRICE ADJUSTMENT (ENGLISH 125% MAX)								
ENTER FPL DIESEL		3.092		ENTER FPL UNLEADED		2.776		
ENTER FPM DIESEL		6.957		ENTER FPM UNLEADED		6.246		
<a href="http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx">http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx</a>								
INCREASE ADJUSTMENT				INCREASE ADJUSTMENT				
125.00%				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)	1222.000	0.29	354.38	0.24	293.28			
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)	1175.000	2.90	3407.50	0.71	834.25			
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		35.76		8.00		1.50		
Class __ Concrete (CY) Section 500		533.26		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		833.50		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		40.99		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		98.14		8.00		1.50	
PSC Beams____ (LF) Section 507		194.20		8.00		1.50	
PSC Beams____ (LF) Section 507		142.17		8.00		1.50	
Stru Reinf Plan Quantity (LB) Section 511		0.89		8.00		1.50	
Stru Reinf Plan Quantity (LB) Section 511				8.00		1.50	
Bar Reinf Steel (LB) Section 511		0.85		8.00		1.50	
Piling__inch (LF) Section 520		63.64		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	
<b>SUM QF DIESEL=</b>		<b>3761.88</b>	<b>SUM QF UNLEADED=</b>		<b>1127.53</b>		
<b>DIESEL PRICE ADJUSTMENT(\$)</b>		<b>\$13,376.49</b>					
<b>UNLEADED PRICE ADJUSTMENT(\$)</b>		<b>\$3,599.53</b>					



<b>ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)</b>					
APPLICABLE TO CONTRACTS CONTAINING THE 413 SPEC. SECTION 413.5.01 ADJUSTMENTS ASPHALT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT					
<a href="http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx">http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx</a>					
ENTER APL <input style="width: 50px;" type="text"/>		ENTER APM <input style="width: 50px;" type="text"/>			
MISSING APL OR APM			MISSING APL OR APM		
Use this side for Asphalt Emulsion Only			Use this side for Asphalt Cement Only		
L.I.N.	TYPE	ASPHALT EMULSION (GALLONS)	L.I.N.	TYPE	TACK (GALLONS)
TMT =		<input style="width: 80px;" type="text"/>	TMT =		<input style="width: 80px;" type="text"/>
REMARKS:			REMARKS:		
MONTHLY PRICE ADJUSTMENT(\$)			MISSING APL OR APM		

<b><u>ADJUSTMENT SUMMARY</u></b>	
FUEL PRICE ADJUSTMENT (ENGLISH 125% MAX)	
DIESEL PRICE ADJUSTMENT(\$)	<b><u>\$13,376.49</u></b>
UNLEADED PRICE ADJUSTMENT(\$)	<b><u>\$3,599.53</u></b>
ASPHALT CEMENT PRICE ADJUSTMENT (BITUMINOUS TACK COAT 125% MAX)	<b><u>\$940.11</u></b>
400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX	<b><u>\$32,148.00</u></b>
ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)	<b><u>MISSING APL OR APM</u></b>
REMARKS:	<input style="width: 100%; height: 20px;" type="text"/>
<b>TOTAL ADJUSTMENTS</b>	<b>\$50,064.13</b>





Thomas D. Moreland, PE  
President

Buddy Gratton, PE  
Executive Vice President

George M. Byrd, PE  
Senior Vice President

Vickie E. Moreland  
Senior Vice President

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Vice President

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Richard C. Boullain, PE  
Vice President

Bradley M. Hale, PE  
Vice President

Albert J. Joyner, Jr.  
Vice President

January 26, 2011

Vonda Everett  
GDOT  
P.O. Box 8  
Tennille, GA 31089

RE: Revised Concept Report  
Project Number: CSHPP-0007-00 (531), Baldwin County  
P. I. Number: 0007531  
East Greene Street Extension

Dear Mrs. Everett,

This correspondence is to certify that the attached Revised Concept Report for the subject project has been prepared and reviewed in a manner consistent with Moreland Altobelli Associates QC/QA Program.

If the Department needs any further assistance or additional information in regards to the preparation of the concept, please feel free to contact me at (770) 263-5945.

Sincerely,

Shrujal H. Amin, P.E.  
Project Manager

CC: File 08100

