



Engineering Services Committee Committee Room- 5/27/2008- 1:00 PM
Meeting

ENGINEERING SERVICES

1. Motion to abandon a portion of Bennett Lane from its intersection with Miller Street to its intersection with D'Antignac Street. ☐ [Attachments](#)

2. Motion to approve an Option for Right-of-Way between Beverly F. Friend, as owner, and Augusta, Georgia, as optionee, in connection with the Alexander Drive Project, for 0.058 acre (2,546.05 sq. ft) in fee and 0.020 acre (881.16 sq. ft.) of permanent construction & maintenance easement for the following property located at 2502 Commons Trace for a purchase price of \$85,500.00. ☐ [Attachments](#)

3. Motion to approve an Option for the purpose of acquiring a Right-of-Way between Events Worldwide, Inc., as owner, and Augusta, Georgia, as optionee, in connection with the Alexander Drive Project, 0.096 acre (4,178.55 sq. ft) in fee and 0.046 acre (2,014.7 sq. ft.) of permanent construction & maintenance easement from the property located at 1062 Alexander Drive at a purchase price of \$60,000.00. ☐ [Attachments](#)

4. Motion to approve an Option for Right-of-Way between Curtis E. Peters as owner, and Augusta, Georgia, as optionee, in connection with the Alexander Drive Project, for 0.203 acre (8,831.40 sq. ft) in fee for the following property located at 2501 Carriage Creek for a purchase price of \$188,000.00. ☐ [Attachments](#)

5. Approve Change Order #1 for Blair Construction Inc. in the add amount of \$64,674.90 on the Roadway ☐ [Attachments](#)

Improvements for , AUD bond project #90110. This project is complete.

6. Approve Spirit Creek RFQ as retasked to WK Dickson ☐ [Attachments](#)
for \$125,000.
7. Presentation by Mr. Arthur Marshall of Custom Contractors & Associates, Inc. regarding a sewer easement at 2413 Budapest Ct. ☐ [Attachments](#)
8. Approve award for Additional construction materials and labor in the amount of \$21,255.30 to Lane Construction, Inc. for the GDOT Interstate 20 widening project. ☐ [Attachments](#)
9. Approve purchase of 35' manufactured Christmas Tree for Augusta Common from best bidder, Downtown Decorations of Syracuse, NY in response to RFB 08-118 in the amount of \$26,845 funded from capital account 272-04-2260-5423220. ☐ [Attachments](#)
10. Approve Change Order #1 to Blair Construction Company to make final quantity adjustments (deductions and overruns) in accordance with the terms of the unit price contract. ☐ [Attachments](#)
11. Motion to authorize condemnation on a portion of property # 124-0-006-01-0 1630 Doug Barnard Parkway, which is owned by Savannah Construction Services, LLC for 45,709 Sqaure Feet for a Permanent Easement and 42,709 Square Feet of Temporary Easement. AUD Project: 00007- Main Interceptor Upgrade, Phase II. ☐ [Attachments](#)
12. Motion to approve Georgia Power Company Governmental Encroachment Agreement #31021. ☐ [Attachments](#)
13. Motion to approve an Ordinance to amend Title 7, Chapter 3, Article 2 Section 7-3-8 of the Augusta Code to regulate maintenance or construction for private streets within Augusta-Richmond County for the purpose of police, fire, and other emergency vehicular access; to ☐ [Attachments](#)

repeal all ordinances and parts of ordinances in conflict herewith; to provide an effective date and for other purposes. (Requested by Commissioner Grantham)

14. Discuss the TEE Center progress. ☐ [Attachments](#)

15. Authorize the Engineering Department to approve Supplemental Agreement Number Three (3) with Jordan, Jones & Goulding (JJG) in the amount of \$529,267 which will allow the design changes to be implemented as mandated by the GDOT approved Value Engineering Study for the Windsor Spring Road improvement projects, Phase IV & V, CPB #323-04-299823766 & 323-04-299823786. Funds are available in SPLOST Phase III in the Windsor Spring Road Phase IV project right of way account. Funds from the Phase III project right of way account will be transferred in the amount of \$264,633.50 to each project engineering account. ☐ [Attachments](#)

www.augustaga.gov



**Engineering Services Committee Meeting
5/27/2008 1:00 PM
Abandonment of a portion of Bennett Lane**

Department:	Attorneys
Caption:	Motion to abandon a portion of Bennett Lane from its intersection with Miller Street to its intersection with D'Antignac Street.
Background:	Bennett Lane is a narrow alley way in the Laney Walker neighborhood. The Augusta Neighborhood Improvement Corporation has requested that this section of Bennett Lane be abandoned so that it may be turned into a green space to complement the construction of the planned "Enclaves" townhouses. The Augusta Neighborhood Improvement Corporation owns all of the adjacent property.
Analysis:	Because a single owner owns all of the adjacent property, there is no concern that abandonment will block egress or access to any property owner.
Financial Impact:	An appraisal is underway to provide a value for this tract of land. Pursuant to statute, this portion of Bennett Lane would be offered for sale to the adjacent property owner for the appraised value.
Alternatives:	Either approve or deny the motion to abandon Bennett Lane from its intersection with Miller Street to its intersection with D'Antignac Street.
Recommendation:	Approve the motion to abandon a portion of Bennett Lane from its intersection with Miller Street to its intersection with D'Antignac Street.
Funds are Available in the Following	

Accounts:

REVIEWED AND APPROVED BY:

**Administrator.
Clerk of Commission**



Engineering Services Committee Meeting
5/27/2008 1:00 PM
Acquisition of Right-of-Way and Easement, Alexander Drive Project

Department:	Attorneys
Caption:	Motion to approve an Option for Right-of-Way between Beverly F. Friend, as owner, and Augusta, Georgia, as optionee, in connection with the Alexander Drive Project, for 0.058 acre (2,546.05 sq. ft) in fee and 0.020 acre (881.16 sq. ft.) of permanent construction & maintenance easement for the following property located at 2502 Commons Trace for a purchase price of \$85,500.00.
Background:	The property owner has agreed to convey a certain right-of-way and easement to Augusta, Georgia, for the Alexander Drive project.
Analysis:	The purchase of the referenced property is necessary for the project.
Financial Impact:	The costs necessary for this purchase will be covered under the project budget.
Alternatives:	Deny the motion to approve the purchase of the referenced property.
Recommendation:	Approve the motion to purchase the referenced property
Funds are Available in the Following Accounts:	The costs necessary for this purchase will be covered under the project budget.

REVIEWED AND APPROVED BY:

Administrator.
Clerk of Commission



**Engineering Services Committee Meeting
5/27/2008 1:00 PM**

Acquisition of Right-of-Way and Easement, Alexander Drive Project, Events Worldwide

Department: Attorneys

Caption: Motion to approve an Option for the purpose of acquiring a Right-of-Way between Events Worldwide, Inc., as owner, and Augusta, Georgia, as optionee, in connection with the Alexander Drive Project, 0.096 acre (4,178.55 sq. ft) in fee and 0.046 acre (2,014.7 sq. ft.) of permanent construction & maintenance easement from the property located at 1062 Alexander Drive at a purchase price of \$60,000.00.

Background: The property owner has agreed to convey a certain right-of-way and easement to Augusta, Georgia, for the Alexander Drive project.

Analysis: The purchase of the referenced property is necessary for the project.

Financial Impact: The costs necessary for this purchase will be covered under the project budget.

Alternatives: Deny the motion to approve the purchase of the referenced property.

Recommendation: Approve the motion to purchase the referenced property.

Funds are Available in the Following Accounts: 323041110 -5411120 296823215 -5411120

REVIEWED AND APPROVED BY:

Administrator.
Clerk of Commission



**Engineering Services Committee Meeting
5/27/2008 1:00 PM
Acquisition of Right-of-Way and Easement, Curtis E. Peters**

Department: Attorneys

Caption: Motion to approve an Option for Right-of-Way between Curtis E. Peters as owner, and Augusta, Georgia, as optionee, in connection with the Alexander Drive Project, for 0.203 acre (8,831.40 sq. ft) in fee for the following property located at 2501 Carriage Creek for a purchase price of \$188,000.00.

Background: The property owner has agreed to convey a certain right-of-way to Augusta, Georgia, for the Alexander Drive project.

Analysis: The purchase of the referenced property is necessary for the project.

Financial Impact: The costs necessary for this purchase will be covered under the project budget.

Alternatives: Deny the motion to approve the purchase of the referenced property.

Recommendation: Approve the motion to purchase the referenced property.

Funds are Available in the Following Accounts: 323041110 -5411120 296823215 – 5411120

REVIEWED AND APPROVED BY:

**Administrator.
Clerk of Commission**



Engineering Services Committee Meeting

5/27/2008 1:00 PM

Approve Change Order #1 for Blair Construction Inc. in the add amount of \$64,674.90 on the Roadway Improvements for Benson Road, AUD bond project #90110.

Department:	Utilities
Caption:	Approve Change Order #1 for Blair Construction Inc. in the add amount of \$64,674.90 on the Roadway Improvements for , AUD bond project #90110. This project is complete.
Background:	Roadway Improvements for is a previously authorized project consisting of approximately 5000 LF of two lanes asphalt roadway extending from Richmond Hill Road to a proposed government complex.
Analysis:	During this project, several line items were adjusted creating an add scenario towards the final dollar amount billed during this project. In order to close out this project an add change order is necessary to balance out the remaining project funding.
Financial Impact:	Funds for this authorization can be charged to the Utilities Department's Renewal & Extension Budget. \$64,674.90 funded by account number: 507043410-5425110/80190110-5425110
Alternatives:	No alternatives.
Recommendation:	We recommend approving change order #1 for Blair Construction, Inc. in the add amount of \$64,674.90 in association with the Roadway Improvements for Benson Road, AUD bond project #90110. This change order is 2.8% of the original contract amount.
Funds are Available in the Following	\$64,674.90 from 507043410-5425110/80190110-5425110.

Accounts:

REVIEWED AND APPROVED BY:

Finance.

Procurement.

Administrator.

Clerk of Commission

Date: 4/11/2008

Re: Augusta Utilities Department
Project 90110, Roadway Improvements for Benson Road
Construction Change Order to the Roadway Improvements for Benson Road
Project # 90110.

Department: Utilities

Caption: Approve Change Order #1 for Blair Construction Inc. in the add amount of \$64,674.90 on the Roadway Improvements for Benson Road, AUD bond project #90110.

Background: Roadway Improvements for Benson Road is a previously authorized project consisting of approximately 5000 LF of two lanes asphalt roadway extending from Richmond Hill Road to a proposed government complex.

Analysis: During this project, several line items were adjusted creating an add scenario towards the final dollar amount billed during this project. In order to close out this project an add change order is necessary to balance out the remaining project funding.

Financial impact: Funds for this authorization can be charged to the Utilities Department's Renewal & Extension Budget.

\$64,674.90 funded by account number: 507043410-5425110/80190110-5425110

Alternatives: No alternatives.

Recommendation: We recommend approving change order #1 for Blair Construction, Inc. in the add amount of \$64,674.90 in association with the Roadway Improvements for Benson Road, AUD bond project #90110. This change order is 2.8% of the original contract amount.

Requested Agenda Date: April 28, 2008 (Engineering Services Committee Meeting)

**FUNDS ARE
AVAILABLE IN
THE FOLLOWING
ACCOUNTS:**

\$64,674.90 from 507043410-5425110/80190110-5425110.

CONSTRUCTION CONTRACT CHANGE ORDER

CO NUMBER	1
BID ITEM	06-145
DATE	03/11/2008

PROJECT TITLE Roadway Improvements for Benson Road
 ORIGINAL CONTRACT DATE 11/09/2006 PROJECT NUMBER 90110
 OWNER AUGUSTA, GEORGIA PO NUMBER P129393

The following change is hereby made to the contract for the above project:

Description of Change (for a more detailed description see attached proposal):
 This is an add type change order intended to adjust the bid amount quantities to the actual quantities utilized for this project, a detailed spread sheet has been prepared that documents all of the line items that were adjusted. (See spread sheet 90110 Benson Road CO 1 080310.xls)

PAYEE Blair Construction Company
 TOTAL AMOUNT OF THIS CHANGE ORDER \$ 64,674.90

The contract time will be effected by 96 calendar days as a result of this change.

ORIGINAL CONTRACT AMOUNT \$ 2,339,655.45
 PREVIOUS CHANGE ORDER (INCREASE) \$ 0.00
 THIS CHANGE ORDER (INCREASE) \$ 64,674.90
 TOTAL REVISED CONTRACT AMOUNT WITH CHANGE ORDER \$ 2,404,330.35

FUNDING NUMBER/ACCOUNT NUMBER 507043410 5425110

80190110 5425110

PROPOSED BY:

Blair Muhm
 CONTRACTOR

DATE:

4-10-08

REQUESTED BY:

R.C. Dobbins
 ENGINEER

DATE:

4-11-2008

SUBMITTED BY:

DEPARTMENT HEAD

DATE:

FINANCE ENDORSEMENT:

COMPTROLLER

DATE:

RECOMMENDED BY:

ADMINISTRATOR

DATE:

APPROVED BY:

MAYOR

DATE:

Augusta Capital Improvements Program
90110 Roadway Improvements for Benson Road
Change Order No. 1 (Final)

Item No.	Description of Work	Original				Final				Difference or Change Order Amount	
		Qty	Unit	Unit Price	Scheduled Value	Qty	Unit	Unit Price	Final Value	Qty	Value
P-6	6" thick concrete driveways, 3000 psi mix, GDOT 6050	63	SY	\$33.36	\$2,101.68	126.95	SY	\$33.36	\$4,235.05	63.95	\$2,133.37
P-7	30" concrete curb and gutter GDOT Standard 9032-B, Type 2	1544	LF	\$11.79	\$18,203.76	1604	LF	\$11.79	\$18,911.16	60.00	\$707.40
P-8	Concrete median, 4"	235	SY	\$26.90	\$6,321.50	289.84	SY	\$26.90	\$7,796.70	54.84	\$1,475.20
D-1	Storm Drain Pipe, 18", H 1-10, complete with bedding	2148	LF	\$30.13	\$64,719.24	2048	LF	\$30.13	\$61,706.24	-100.00	-\$3,013.00
D-4	Storm Drain Pipe, 36", H 1-10, complete with bedding	1183	LF	\$65.61	\$77,616.63	1223	LF	\$65.61	\$80,241.03	40.00	\$2,624.40
D-5	Storm Drain Pipe, 36", H 10-15, complete with bedding	162	LF	\$69.60	\$11,275.20	242	LF	\$69.60	\$16,843.20	80.00	\$5,568.00
D-16	Catch Basin, GP 2	8	EA	\$2,815.20	\$22,521.60	9	EA	\$2,815.20	\$25,336.80	1.00	\$2,815.20
D-19	Junction Box, GP 1	1	EA	\$2,661.10	\$2,661.10	3	EA	\$2,661.10	\$7,983.30	2.00	\$5,322.20
W-1A	8" diameter ductile iron water transmission main Class 350, standard joint, including Type II (No. 57 stone) bedding	180	LF	\$16.53	\$2,975.40	230	LF	\$16.53	\$3,801.90	50.00	\$826.50
W-1B	6" diameter ductile iron water transmission main Class 350, restrained joint, including Type II (No. 57 stone) bedding	1	LF	\$20.40	\$20.40	0	LF	\$20.40	\$0.00	-1.00	-\$20.40
W-2A	8" diameter ductile iron water transmission main Class 350, standard joint, including Type II (No. 57 stone) bedding	40	LF	\$21.10	\$844.00	34	LF	\$21.10	\$717.40	-6.00	-\$126.60
W-3A	12" diameter ductile iron water transmission main Class 350, standard joint, including Type II (No. 57 stone) bedding	5268	LF	\$26.61	\$139,915.38	5322	LF	\$26.61	\$141,618.42	64.00	\$1,703.04
W-3B	12" diameter ductile iron water transmission main Class 350, restrained joint, including Type II (No. 57 stone) bedding	1	LF	\$35.09	\$35.09	0	LF	\$35.09	\$0.00	-1.00	-\$35.09
W-5	Select backfill, GDOT Type I, Class I & II (sand/clay) - measured by in-place volume	4200	CY	\$0.50	\$2,100.00	0	CY	\$0.50	\$0.00	-4,200.00	-\$2,100.00
W-9	8" in-line gate valve, including valve box, installed, complete	1	EA	\$829.20	\$829.20	0	EA	\$829.20	\$0.00	-1.00	-\$829.20
W-10	12" in-line gate valve, including valve box, installed, complete	5	EA	\$1,491.09	\$7,455.45	13	EA	\$1,491.09	\$19,384.17	8.00	\$11,928.72
W-13	Polyethylene wrap of ductile iron water transmission main	1	LF	\$3.60	\$3.60	0	LF	\$3.60	\$0.00	-1.00	-\$3.60
W-14	Miscellaneous Class A concrete (thrust blocks, concrete encasement, etc.)	30	CY	\$106.37	\$3,191.10	3	CY	\$106.37	\$319.11	-27.00	-\$2,871.99
W-15	Asbestos cement or cast iron water main crossing, sizes vary	1	EA	\$1,776.75	\$1,776.75	0	EA	\$1,776.75	\$0.00	-1.00	-\$1,776.75
W-16	Clay pipe sewer crossings, sizes vary	1	EA	\$2,034.55	\$2,034.55	0	EA	\$2,034.55	\$0.00	-1.00	-\$2,034.55
W-17	3/4" AND 1" galvanized water service line removal and replacement w 1" copper line, complete	1	EA	\$727.95	\$727.95	0	EA	\$727.95	\$0.00	-1.00	-\$727.95
M-1	Clearing and grubbing	17	AC	\$4,510.00	\$76,670.00	28	AC	\$4,510.00	\$126,280.00	11.00	\$49,610.00
LD	Liquidated Damages	0	DAY	-\$250.00	\$0.00	26	DAY	-\$250.00	-\$6,500.00	26.00	-\$6,500.00
C/O # 1	Add change for items during project	1	LS		\$443,999.58	1	LS		\$508,674.48	0.00	\$64,674.90
	Total C/O # 1			\$64,674.90							
	Change order totals			\$64,674.90							
	Original contract amount			\$2,339,655.45							
GRAND TOTAL	Total - Adjusted Contract Amount				\$2,404,330.35						

1 of 1

90110 Benson Road CO 1 080310.xls, Summary

4/22/2008



Engineering Services Committee Meeting

5/27/2008 1:00 PM

Approve Spirit Creek RFQ as retasked to WK Dickson for \$125,000.

Department: Utilities

Caption: Approve Spirit Creek RFQ as retasked to WK Dickson for \$125,000.

Background: In spring of 2007, in order to comply with a Consent Order from EPD, AUD issued a RFQ for inspection and evaluation services on Spirit Creek. The intent was to find and then immediately fix any sources of infiltration or inflow into the Interceptor. After the RFQ was held, and WK Dickson was selected, the state lifted the Consent Order. Subsequently, AUD would like to restate the scope to include the downtown area, while retaining WK Dickson. In addition, although the original scope included funds for construction, this contract will not, but will be included as the construction projects are scoped by WK Dickson.

Analysis: This is part of a program to find and fix degraded assets downtown. This will be handled through a daily rate or a lump sum construction rate by request upon analysis of the system condition downtown.

Financial Impact: \$125,000.00 from account 507043420-5212115/80600040-5212115

Alternatives: None.

Recommendation: We recommend approving Spirit Creek RFQ as retasked to WK Dickson for \$125,000.

Funds are Available in the Following Accounts: \$125,000.00 from account 507043420-5212115/80600040-5212115

REVIEWED AND APPROVED BY:

Finance.

Procurement.

Administrator.

Clerk of Commission

Item # 6

Attachment number 1
Page 1 of 3

--	--

--	--	--	--	--	--	--

RFQ #07-127 EVALUATION SHEET
Spirit Creek Interceptor Evaluation &
I/I Removal Program for Augusta Utilities
Friday, May 11, 2007 @ 11:00 a.m.

Vendors:	Original	6 Copies	1. Experience in flow monitoring and data analysis with demonstrated ability to locate defects and quantify I/I sources, recommend repair methods, and estimate cost/benefit of those I/I repairs. A minimum of three (3) projects of similar character, size and scope must be presented. 30 Points	2. Experience in repair methods to eliminate I/I sources and document actual I/I removed. A minimum of three (3) projects of similar character, size and scope must be presented. 30 Points	3. Qualifications and experience of the project manager in similar projects. 20 points	4. Qualifications and experience of other key staff and subcontractors in flow monitoring and data analysis. 20 Points
Arcadis Corporate Center Dr., Ste 300 Raleigh, NC 27607	X	X				
Metals & Materials Engineers 1039 Industrial Court Suwanee, GA 30024	X	X				
Stevenson & Palmer Engineering 360 Bay Street, Suite 400 Augusta, GA 30901	X	X				
WK Dickson 1450 Green Street, Suite 225 Augusta, A 30909	X	X				
Woolpert 8601 Dunwoody Place, Suite 300 Atlanta, GA 30350	X	X				
EMC Engineering P.O. Box 8101 Savannah, GA 31412						
Cranston Engineering Co. 452 Ellis St. Augusta, GA 30901						
Toole Engineers 349 4th Street Augusta, GA						

User: Mills, Phyllis

Organization: City of Augusta, GA (Augusta Commission)

Logout | Help

[My DemandStar](#)[Buyers](#)[Account Info](#)[Log Bid](#)[\[View Bids\]](#)[Log Quote](#)[View Quotes](#)[Supplier Search](#)[Build Broadcast List](#)[Reports](#)

Planholders List

Member Name City of Augusta, GA (Augusta Commission)

Bid Number RFQ-07-127-0-2007/PJM

Bid Name Spirit Creek Interceptor Evaluation & I/I Removal Program

2 Document(s) found for this bid

34 Planholder(s) found.

[Add Planholder](#)

Supplier Name ▲	Phone	Fax	Doc Count	Attributes	Programs	Actions
AdaptToSolve, Inc.	7066163208	7068836153	2			Documents
AMJ Equipment Corporation	8636824500	8636870077	2			Documents
Arcadis	7704318666	7704352666	2			Documents
AUI, LLC	9313728500	9313722500	2	1. Small Business		Documents
Black & Veatch	8132810032	8132810881	2			Documents
Carollo Engineers, P.C.	9413719832	9413719873	2			Documents
Civil Services Inc	9046411834	9046450057	2	1. African American Owned		Documents
Construction Journal, Ltd.	8007855165	8005817204	2			Documents
Economics Research Associates	3104779585	3104781950	2			Documents
EffOne Software, Inc.	4088301010	6102960371	1			Documents

Page 1 of 4 first | previous | [next](#) | [last](#)Format for Printing No ☐DemandStar is a product of [Onvia, Inc.](#) (c) 1997-2008. All rights reserved. | [Terms of Use](#) | [Privacy](#)

User: Mills, Phyllis

Organization:

City of Augusta, GA (Augusta Commission)

Logout | Help

[My DemandStar](#)[Buyers](#)[Account Info](#)[Log Bid](#)[\[View Bids\]](#)[Log Quote](#)[View Quotes](#)[Supplier Search](#)[Build Broadcast List](#)[Reports](#)

Planholders List

Member Name City of Augusta, GA (Augusta Commission)

Bid Number RFQ-07-127-0-2007/PJM

Bid Name Spirit Creek Interceptor Evaluation & I/I Removal Program

2 Document(s) found for this bid

34 Planholder(s) found.

[Add Planholder](#)

Supplier Name ▲	Phone	Fax	Doc Count	Attributes	Programs	Actions
Environmental Systems Research Institute Inc.	9097932853	9097937512	2			Documents
Fishtec, Inc.	3865470765	3864241644	2	1. Small Business		Documents
FREYSSINET LLC	7033782500	7033782700	2			Documents
Gannett Fleming	7068551085	7068555183	2			Documents
GHD Consulting Inc.	9492500501	9492500541	2			Documents
Golder Associates Inc.	4258830777	4258825498	2			Documents
HDR, Inc.	6787754800	6787754848	2			Documents
Interra Hydro	5125897115	5125897116	2			Documents
KHA Fra Engineering Consultants, Inc.	4046938227	4045253611	2			Documents
Kimley-Horn	9196772000	9196772050	2			Documents

Page 2 of 4 [first](#) | [previous](#) | [next](#) | [last](#)Format for Printing No ☐DemandStar is a product of [Onvia, Inc.](#) (c) 1997-2008. All rights reserved. | [Terms of Use](#) | [Privacy](#)

User: Mills, Phyllis

Organization: City of Augusta, GA (Augusta Commission)

Logout | Help

[My DemandStar](#)[Buyers](#)[Account Info](#)[Log Bid](#)[\[View Bids\]](#)[Log Quote](#)[View Quotes](#)[Supplier Search](#)[Build Broadcast List](#)[Reports](#)

Planholders List

Member Name City of Augusta, GA (Augusta Commission)

Bid Number RFQ-07-127-0-2007/PJM

Bid Name Spirit Creek Interceptor Evaluation & I/I Removal Program

2 Document(s) found for this bid

34 Planholder(s) found.

[Add Planholder](#)

Supplier Name ▲	Phone	Fax	Doc Count	Attributes	Programs	Actions
LPA Group Incorporated	8032542211	8037799341	1			Documents
McConnell, Jones, Lanier and Murphy LLP	7139681600	7139681601	2	1. African American Owned 2. Small Business		Documents
McGraw-Hill Construction Dodge	2399392525	2399392331	2			Documents
Metals & Materials Engineers, LLC	6787302000	6784829677	2			Documents
Munifinancial	9515873500	9515873500	1			Documents
O'Brien & Gere	3154376100	3154637554	2			Documents
OLH, Inc.	4048810099	4048818429	2	1. African American Owned 2. Small Business 3. Woman Owned		Documents
Onvia, Inc. - Content Department	2063739500	8882637801	2			Documents
Parsons Corporation	8132618376	8132618376	2			Documents
Shoremaster	6785285670	6785285670	1			Documents

Page 3 of 4 [first](#) | [previous](#) | [next](#) | [last](#)

Format for Printing No

DemandStar is a product of Onvia, Inc. (c) 1997-2008. All rights reserved. | [Terms of Use](#) | [Privacy](#)

User: Mills, Phyllis

Organization: City of Augusta, GA (Augusta Commission)

Logout | Help

[My DemandStar](#)[Buyers](#)[Account Info](#)[Log Bid](#)[\[View Bids\]](#)[Log Quote](#)[View Quotes](#)[Supplier Search](#)[Build Broadcast List](#)[Reports](#)

Planholders List

Member Name City of Augusta, GA (Augusta Commission)**Bid Number** RFQ-07-127-0-2007/PJM**Bid Name** Spirit Creek Interceptor Evaluation & I/I Removal Program

2 Document(s) found for this bid

34 Planholder(s) found.

[Add Planholder](#)

Supplier Name ▲	Phone	Fax	Doc Count	Attributes	Programs	Actions
Simpson Gumpertz & Heger Inc.	7819079000	7819079009	2			Documents
Teltronics, Inc.	9417535000	9417517754	2	1. Small Business		Documents
The RMPK Group	9419541718	9419540231	2	1. Small Business		Documents
Woolpert LLP	7045256284	7045258529	2			Documents

Page 4 of 4 [first](#) | [previous](#) | [next](#) | [last](#)Format for Printing ☐ No ☒[Search](#)[<< Return](#)[Export to Excel](#)DemandStar is a product of [Onvia, Inc.](#) (c) 1997-2008. All rights reserved. | [Terms of Use](#) | [Privacy](#)



**Engineering Services Committee Meeting
5/27/2008 1:00 PM
Arthur Marshall**

Department: Clerk of Commission

Caption: Presentation by Mr. Arthur Marshall of Custom Contractors
& Associates, Inc. regarding a sewer easement at 2413
Budapest Ct.

Background:

Analysis:

Financial Impact:

Alternatives:

Recommendation:

**Funds are
Available in the
Following
Accounts:**

REVIEWED AND APPROVED BY:

Clerk of Commission

AGENDA ITEM REQUEST FORM**Commission/Committee: (Please check one)**

- ☒ **Commission**
☐ **Public Services Committee**
☐ **Administrative Services Committee**
☐ **Engineering Services Committee**
☐ **Finance Committee**
☐ **Public Safety Committee**

Contact Information for Individual/Presenter Making the Request:Name: Arthur Marshall Custom Contractors & Associates, Inc.Address: 432 South Belair Rd Martinez, GA 30907Telephone Number: 706 922-1402 706 836-1500Fax Number: 706 364-1515E-Mail Address: dnewman@bmcwork.com**Caption/Topic of Discussion to be placed on the Agenda:**Sewer Easement at 2413 Budapest Ct.

_____**Please send this request form to the following address:**

Ms. Lena J. Bonner
Clerk of Commission
Room 806 Municipal Building
530 Greene Street
Augusta, GA 30911

Telephone Number: 706-821-1820
Fax Number: 706-821-1838
E-Mail Address: lbonner@augustaga.gov

Requests may be faxed, e-mailed or delivered in person and must be received in the Clerk's Office no later than 5:00 p.m. on the Wednesday preceding the Commission or



Engineering Services Committee Meeting

5/27/2008 1:00 PM

Award Change Order for Lane Construction for Augusta Utilities Department

Department:	Utilities Department
Caption:	Approve award for Additional construction materials and labor in the amount of \$21,255.30 to Lane Construction, Inc. for the GDOT Interstate 20 widening project.
Background:	The GDOT Interstate 20 widening project required movement of existing water and sewer mains under Washington Road at the Interstate 20 crossing. \$452,500.00 was the bid for the project and has been previously approved and paid by Augusta-Richmond County to Lane Construction. There were previously unforeseen changes needed in the design in order to work around existing circumstances in the project area that merit the additional costs.
Analysis:	The costs requested are in line with current material and labor costs.
Financial Impact:	The change order for this project \$21,255.30. These funds are available from the following accounts: 507043420-5425210/80700070-5425210
Alternatives:	1. Approve Change order to Lane Construction in the amount of \$21,255.30.
Recommendation:	It is recommended to award the change order to lane Construction, Inc. in the amount of \$21,255.30.
Funds are Available in the Following Accounts:	507043420-5425210/80700070-5425210

REVIEWED AND APPROVED BY:

Finance.

Procurement.

Administrator.

Clerk of Commission



**Engineering Services Committee Meeting
5/27/2008 1:00 PM
Award Purchase of Manufactured Tree**

Department: Public Services - Facilities Management Division

Caption: Approve purchase of 35' manufactured Christmas Tree for Augusta Common from best bidder, Downtown Decorations of Syracuse, NY in response to RFB 08-118 in the amount of \$26,845 funded from capital account 272-04-2260-5423220.

Background: Each year Augusta spends between \$12,000 and \$15,000 to locate, purchase, harvest, deliver, erect and decorate the Christmas tree for Augusta Common. There is a more cost effective alternative. We can replace the live tree with a 35' tall manufactured tree using energy efficient C-7 LED bulbs. This would eliminate the recurring annual cost to procure and deliver the harvested tree. Erection time would be reduced since we could check the lights on the ground before the tree is assembled. The LED bulbs use only 10 to 20% of the energy required by the C-7 incandescent lights we have been using. This would be a very "green" artificial tree. The proposed tree also allows us to increase the height in 3' increments up to 50' if we so desire and funding becomes available. Estimated payback is less than 3 years. Additional funds are available in this account to allow us to purchase a storage trailer for the tree to protect it from the elements in the off season.

Analysis: The low bidder, Christmas Lights Etc. included several exceptions to the terms of the sale on their bid submission resulting in the submission of a product that does not comply with the specifications. Specifically, the framework was a smaller size, the branches are a lighter gage metal, Staff would have to install all of the almost 4000 bulbs, the tree is made in China as opposed to the USA and they would not provide a representative on location the first year the tree is erected to instruct our personnel in proper techniques. As such our best value is from the second bidder. The price differential is \$296

Financial Impact: The cost of the purchase is \$26,845.00 to be funded from funded from capital account 272-04-2260-5423220.

Alternatives: 1. Approve purchase of 35' manufactured Christmas Tree for Augusta Common from best bidder, Downtown Decorations of Syracuse, NY in response to RFB 08-118 in the amount of \$26,845 funded capital account 272-04-2260-5423220. 2. Do not approve the purchase.

Recommendation: Approve purchase of 35' manufactured Christmas Tree for Augusta Common from best bidder, Downtown Decorations of Syracuse, NY in response to RFB 08-118 in the amount of \$26,845 funded from capital account 272-04-2260-5423220.

Funds are Available in the Following Accounts: FUNDS ARE AVAILABLE IN ACCOUNT: 272-04-2260-5423220 tc

REVIEWED AND APPROVED BY:

**Finance.
Administrator.
Clerk of Commission**



**Engineering Services Committee Meeting
5/27/2008 1:00 PM**

Change Order #1 for the Fairington Subdivision 12" Water Main Project (10208)

Department:	Utilites
Caption:	Approve Change Order #1 to Blair Construction Company to make final quantity adjustments (deductions and overruns) in accordance with the terms of the unit price contract.
Background:	After construction was completed there were line items that were not utilized or fully billed and were removed from the contract. There were also some line items that did exceed the contract quantities but ultimately did not cause the project to exceed the original budget. These items will serve to improve the water systems and roadways in the area.
Analysis:	Approving this change order will adjust the final contract quantities to match the actual final quantities in accordance with the provisions of the unit price contract.
Financial Impact:	(\$63,212.32) credited to the 2000 Bond Issue, under account number 511043410-5425110/ 80210208-5425110
Alternatives:	Disapprove this change order and risk delays in contract close out and potential claim from the Contractor.
Recommendation:	Approve Change Order #1 in the deductive amount of (\$63,212.32) to Blair Construction Company on the Fairington Subdivision 12" Water Main Project.
Funds are Available in the Following Accounts:	These funds are available from the following accounts: \$63,212.32 from account 511043410-5425110/ 80210208-5425110

REVIEWED AND APPROVED BY:

Finance.

Procurement.

Administrator.

Clerk of Commission

Augusta Utilities Department
Fairington 12" Water Main Extension Project (10208)
Change Order No. 1 (Final) Summary

Item No.	Description of Work	Original Qty	Unit	Unit Price	Original Scheduled Value	Final Qty	Final Value	Difference (CO Value)
	Water Main							
1	120" Diameter PVC Water Transmission Main C905, Class 200	40	L.F.	\$58.00	\$2,320.00	8	\$464.00	-\$1,856.00
2	28" Diameter Ductile Iron Transmission Main Class 350, Standard Joint	20	L.F.	\$21.78	\$435.60	0	\$0.00	-\$435.60
3	12" Diameter Ductile Iron Water Transmission Main Class 350, Standard Joint	2400	L.F.	\$29.00	\$69,600.00	2374	\$68,846.00	-\$754.00
4	12" Diameter Ductile Iron Water Transmission Main Class 350, Restrained Joint	1500	L.F.	\$31.79	\$47,685.00	1370	\$43,552.30	-\$4,132.70
5	Miscellaneous Pipe Fittings and Connections	8500	LB	\$1.23	\$10,455.00	5021.4	\$6,176.32	-\$4,278.68
6	6" Diameter Transition Couplings	4	EA	\$389.02	\$1,556.08	0	\$0.00	-\$1,556.08
7	Fire Hydrant, with Valve, Lead Pipe, Joint Restraint, and Blocking - Installed	5	EA	\$3,051.09	\$15,255.45	5	\$15,255.45	\$0.00
8	12" In-line Gate Valve, Including Valve Box - Installed	8	EA	\$1,250.00	\$10,000.00	7	\$8,750.00	-\$1,250.00
9	12" Tapping Sleeve, Valve, Valve Box, Complete	1	EA	\$5,177.55	\$5,177.55	1	\$5,177.55	\$0.00
10	New 1" Long Side Water Service	10	EA	\$787.50	\$7,875.00	0	\$0.00	-\$7,875.00
11	New 1" Short Side Water Service	10	EA	\$567.00	\$5,670.00	0	\$0.00	-\$5,670.00
11	Polyethylene Wrap of Ductile Iron Water Main	3900	L.F.	\$1.50	\$5,850.00	0	\$0.00	-\$5,850.00
12	Tie to Existing Line	1	EA	\$892.50	\$892.50	1	\$892.50	\$0.00
14	Miscellaneous Class A Concrete	75	C.Y.	\$95.00	\$7,125.00	6	\$570.00	-\$6,555.00
15	Asbestos Cement or Cast Iron Water Main Crossings	1	EA	\$2,500.00	\$2,500.00	0	\$0.00	-\$2,500.00
16	Pavement Structures							
17	Asphalt Overlay, Type F, 1.5" Thick	6500	SY	\$6.25	\$40,625.00	6070	\$37,937.50	-\$2,687.50
18	Graded Aggregate Base, 10 1/2" Thick, 7" Wide and Asphalt Patch 2 1/2" Thick	1550	SY	\$22.11	\$34,270.50	1468	\$32,457.48	-\$1,813.02
19	Asphalt Leveling	50	TN	\$83.26	\$4,163.00	26	\$2,164.76	-\$1,998.24
13	Milling 0"-1.5"	1500	SY	\$5.40	\$8,100.00	0	\$0.00	-\$8,100.00
	24" Concrete Curb and Gutter Removal and Replacement	100	L.F.	\$16.25	\$1,625.00	170	\$2,762.50	\$1,137.50
21	Miscellaneous							
25	Flowable Fill	100	C.Y.	\$55.00	\$5,500.00	5	\$275.00	-\$5,225.00
26	Foundation Backfill, GA Type II	100	C.Y.	\$17.50	\$1,750.00	0	\$0.00	-\$1,750.00
27	Clearing and Grubbing	2	AC	\$4,725.00	\$9,450.00	2	\$9,450.00	\$0.00
28	Fence Removal and Replacement, New, Replace in Kind	75	L.F.	\$12.60	\$945.00	70	\$882.00	-\$63.00
22	Lump Sum Construction							

Augusta Utilities Department

[illegible]



**Engineering Services Committee Meeting
5/27/2008 1:00 PM
Condemnation - Savannah Construction Services, LLC**

Department: Attorney - Stephen E. Shepard

Caption: Motion to authorize condemnation on a portion of property # 124-0-006-01-0 1630 Doug Barnard Parkway, which is owned by Savannah Construction Services, LLC for 45,709 Sqaure Feet for a Permanent Easement and 42,709 Square Feet of Temporary Easement. AUD Project: 00007- Main Interceptor Upgrade, Phase II.

Background: The appraised value of the easement is \$5,425.00. Negotiations with the company have been unsuccessful.

Analysis: Condemnation is required in order to aquire the easement.

Financial Impact: The necessary costs will be covered by project budget.

Alternatives: Deny authorization to condemn.

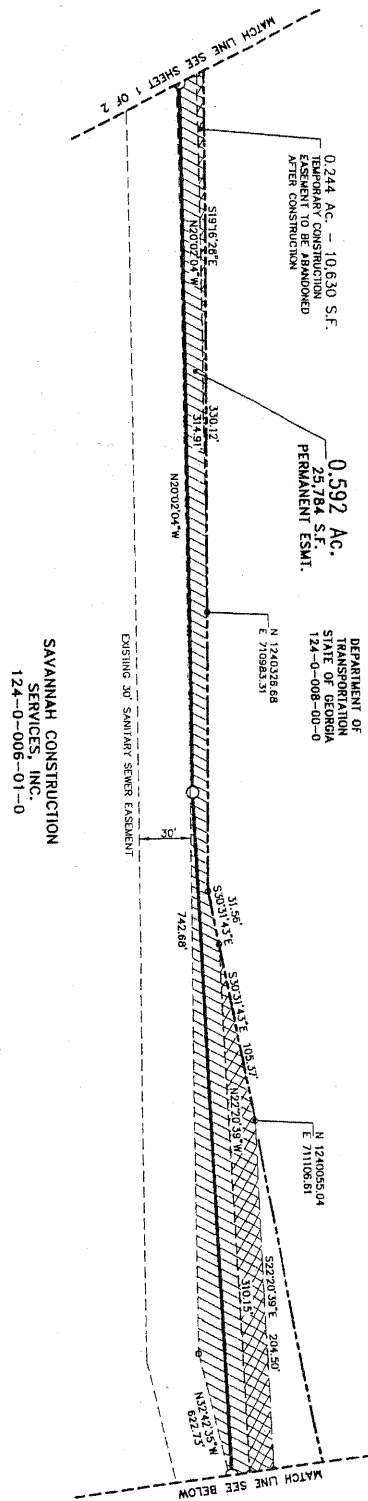
Recommendation: Approve the authorization to condemn.

Funds are Available in the Following Accounts: G/L 510043420-5411120 J/L 80300007-5411120

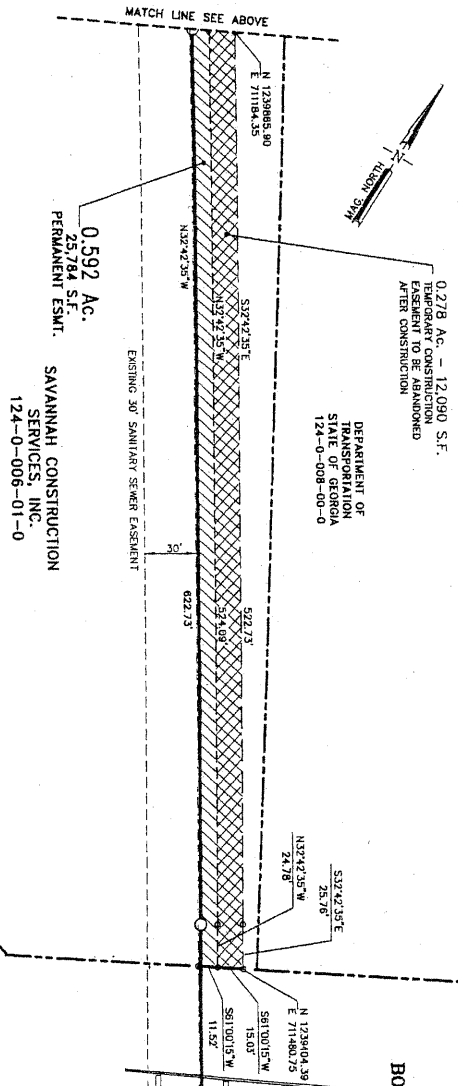
REVIEWED AND APPROVED BY:

**Finance.
Administrator.
Clerk of Commission**

In my opinion, this plot is a correct representation of the land plotted and meets the requirements of law.



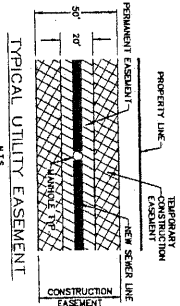
Item # 11



BOBBY JONES EXPRESSWAY (1-620)
BRIDGE OVER EXISTING INTERCEPTOR

NOTE:
THIS LOT IS SUBJECT TO ALL EASEMENTS AND ENCUMBRANCES OF RECORD OR NOT SHOWN HEREON OR NOT.
THIS PLAT HAS BEEN CALCULATED FOR CLOSURE TO MORE THAN ONE FOOT IN 76000 FEET.

- DEED AND PLAT REFERENCES:
1. DEED BOOK 1068, PAGE 703
 2. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 3. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 4. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 5. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 6. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 7. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 8. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 9. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 10. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 11. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 12. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 13. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 14. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 15. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 16. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 17. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 18. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 19. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 20. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 21. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 22. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 23. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 24. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 25. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 26. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 27. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 28. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 29. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 30. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 31. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 32. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 33. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 34. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 35. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 36. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 37. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 38. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 39. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 40. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 41. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 42. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 43. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 44. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 45. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 46. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 47. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 48. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 49. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 50. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 51. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 52. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 53. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 54. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 55. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 56. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 57. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 58. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 59. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 60. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 61. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 62. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 63. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 64. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 65. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 66. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 67. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 68. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 69. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 70. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 71. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 72. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 73. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 74. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 75. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 76. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 77. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 78. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 79. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 80. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 81. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 82. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 83. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 84. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 85. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 86. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 87. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 88. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 89. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 90. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 91. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 92. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 93. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 94. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 95. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 96. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 97. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 98. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 99. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92
 100. DEPT. OF TRANSPORTATION STATE OF GEORGIA PROJECT #124-0-008-00-0 DATED 3/18/92



NOTE:
ACCORDING TO FEMA FIRM PANEL NUMBER 13018-070 E, THE PROPERTY IS LOCATED IN ZONES "AE" & "X".

Utility Easement		Augusta-Richmond County Commission Augusta, Ga.	
Plat for:		Description: SHOWING A 30' PERMANENT EASEMENT AND A 15' TEMPORARY EASEMENT ON EACH SIDE OF THE PERMANENT EASEMENT THIRD TAX MAP 124-0-006-01-0	
COUNTY OF: RICHMOND		STATE OF: GEORGIA	
DRAWING SCALE: 0 25 50 100		DATE: 09-10-2007	
EQUIPMENT USED: TOTAL STATION		DRAWN BY: J. L. BROWN	
ANGULAR CLOSURE: 00'-00"-00"/STA.		TRAVERSE CLOSURE: 00'-00"-00"/STA.	
ADJUSTMENT: NONE		PROFESSIONAL SEAL: J. L. BROWN, PROFESSIONAL SURVEYOR, NO. 3466	

SHEET 2 OF 2



**Engineering Services Committee Meeting
5/27/2008 1:00 PM
Georgia Power Company Governmental Encroachment Agreement #31021**

Department: Augusta Utilities Department

Caption: Motion to approve Georgia Power Company Governmental Encroachment Agreement #31021.

Background: AUD Project 10158 - Doug Barnard Parkway Water Main entails crossing a Georgia Power Company easement.

Analysis: In order to cross another entity's easement, we need to enter into an agreement with them regarding specific rights and restrictions.

Financial Impact: None

Alternatives:

Recommendation: Approve motion to approve Georgia Power Company Governmental Encroachment Agreement #31021.

Funds are Available in the Following Accounts: N/A

REVIEWED AND APPROVED BY:

**Finance.
Procurement.
Administrator.
Clerk of Commission**

GOVERNMENTAL ENCROACHMENT AGREEMENT FOR EASEMENT

L. F. # 6-2677

APPLICATION # 31021

SUBJECT: FENWICK STREET-SOUTH AUGUSTA 115KV TRANSMISSION LINES RIGHT-OF-WAY

The Georgia Power Company, hereinafter called the "Power Company," hereby consents for **AUGUSTA, GEORGIA, A POLITICAL SUBDIVISION OF THE STATE OF GEORGIA**, hereinafter called the "Undersigned," to use an area within the Power Company's subject electric transmission line right(s)-of-way described as follows:

Said right(s)-of-way being 160' in width and extending in part through, **1588TH** District/GMD, of **RICHMOND** County, Georgia, on which the Power Company has constructed and now maintains and operates said electric transmission lines by virtue of certain easements heretofore acquired by the Power Company. The said right(s)-of-way is shown on plat attached hereto and made a part hereof as Exhibit A.

The use of the area by the Undersigned within said right(s)-of-way, pursuant to this consent, shall be limited to the construction, operation and maintenance of **24" WATER LINE** at the location and to the extent as shown on said attached plat. It is specifically understood that no buildings or other obstructions of any type will be permitted within or on subject transmission line right(s)-of-way.

The plans and specifications as submitted by the Undersigned meet the Power Company's approval provided the Undersigned conforms to the following terms and conditions:

1. The Undersigned agrees to obtain all necessary rights from the owners of the lands crossed by the Power Company's right(s)-of-way.
2. The Undersigned agrees to use said area within the Power Company's right(s)-of-way in such a manner as will not interfere with the Power Company's activities and facilities as now, or hereafter, exist thereon (hereinafter Power Company's "activities" and "facilities".)
3. The Undersigned agrees that the use of Power Company's right(s)-of-way as herein provided shall in no way affect the validity of the Power Company's easement(s) and shall in no way modify or restrict the use or rights of the Power Company, its successors or assigns, in and to the area to be used. The Undersigned acknowledges the Power Company's right and title to said easement(s) and the priority of the Power Company's right of use and hereby agrees not to resist or assail said priority.
4. The use of said area within said right(s)-of-way by the Undersigned shall be at the sole risk and expense of the Undersigned, and the Power Company is specifically relieved of any responsibility for damage to the facilities and property of the Undersigned resulting or occurring from the use of said right(s)-of-way by the Power Company as provided herein. The Undersigned covenants not to sue Power Company in that instance.
5. The Undersigned hereby agrees and covenants not to use and will prohibit agents, employees and contractors of Undersigned from using any tools, equipment or machinery within ten (10) feet of the Power Company's overhead conductors. The Undersigned agrees to comply with Official Code of Georgia, Section 46-3-30 et seq., (HIGH-VOLTAGE SAFETY ACT) and any and all Rules and Regulations of the State of Georgia promulgated in connection therewith, all as now enacted or as hereinafter amended; and further agrees to notify any contractor(s) that may be employed by the Undersigned to perform any of the work referred to in this Agreement of the existence of said code sections and regulations by requiring said work to be performed in compliance with said code sections and regulations by including same as a requirement in its request for bids and including said requirements in any contract let as a result of said bid. The Undersigned further agrees and covenants to warn all persons whom the Undersigned knows or should reasonably anticipate for any reason may resort to the vicinity of such conductors of the fact that such conductors are (a) electrical conductors, (b) energized, (c) uninsulated and (d) dangerous.
6. Notwithstanding anything to the contrary contained herein, the Undersigned agrees to reimburse the Power Company for all cost and expense for any damage to the Power Company's facilities resulting from the use by the Undersigned of said area within said right(s)-of-way. Also, the Undersigned agrees that if in the opinion of the Power Company, it becomes necessary, as a result of the exercise of the permission herein granted, to relocate, rearrange, change or raise any of the Power Company's facilities, to promptly reimburse the Power Company for all cost and expense involved in such relocation, rearrangement or raising of said facilities.
7. The Undersigned agrees to notify or have the Undersigned's contractor notify the Power Company's Representative in **Augusta, Georgia**, Phone: **706-667-5654**, at least three (3) business days prior to actual construction on the Power Company's right(s)-of-way.
8. The Undersigned agrees, to the extent it may lawfully do so, to indemnify and save harmless and defend the Power Company from the payment of any sum or sums of money to any persons whomsoever (including third persons, subcontractors, the Undersigned, the Power Company and agents and employees of them) on account of claims or suits growing out of injuries to persons (including death) or damage to property

(including property of the Power Company) in any way attributable to or arising out of the use of the right(s)-of-way, by the Undersigned as herein provided, including (but without limiting the generality of the foregoing) all liens, garnishments, attachments, claims, suits, judgments, costs, attorney's fees, cost of investigation and of defense, and excepting only those situations where the personal injury or property damage claimed have been caused by reason of the sole negligence on the part of the Power Company, its agents or employees.

9. The Undersigned hereby agrees to incorporate in any and all of its contracts and/or agreements, for any work or construction done on or to said described right(s)-of-way, with any and all third persons, contractors, or subcontractors, a provision requiring said third parties, contractors or subcontractors to indemnify and defend Power Company, its agents and employees as provided for above from payment of any sum or sums of money by reason of claims or suits resulting from injuries (including death) to any person or damage to any property which is in any manner attributable to or resulting from the construction, use or maintenance of the Undersigned's facilities, projects or programs conducted on Power Company's right(s)-of-way herein described, and excepting only those situations where the personal injury or property damage claimed have been caused by reason of the sole negligence on the part of the Power Company, its agents or employees.

10. The Undersigned further agrees to carry, if performing work or construction, and to require that any such third party, contractor or subcontractor doing or providing any such work or construction on said right(s)-of-way carry liability insurance which shall specifically cover such contractually assumed liability. A certificate of such insurance issued by the appropriate insurance company shall be furnished to the Power Company upon request, said amount of insurance to be not less than \$2,000,000 per occurrence for bodily injury and property damage which arise out of or result from the Undersigned's operations under this agreement. The Power Company shall be named as an additional insured on this liability insurance coverage.

11. The Power Company has the right to remove all trees and brush from the limits of the right(s)-of-way. However, Power Company will permit some planting of shrubbery and *low growing trees* provided these plants do not interfere with the access to and operation of Power Company's facilities and are planted at a distance greater than twenty-five (25) feet from any structure or attachment thereto. A *planted low growing tree* is defined as a tree which grows no more than 15 feet in height at maturity.

12. The Undersigned agrees that all construction activity shall be conducted at a distance greater than twenty-five feet (25') from any structure or attachment thereto.

13. This Agreement shall inure to the benefit of and be binding upon the parties, their heirs, successors and/or assigns.

The Undersigned hereby accepts the foregoing consent, and has by Resolution of the Commissioners, or by other legal and proper authorization, duly adopted (a copy of which will be furnished to Power Company on request), authorized the execution and acceptance of this Agreement subject to the terms and conditions set forth above and in the event the Undersigned fails to perform as herein provided and shall not have executed and returned this Agreement on or before the **1ST of JUNE, 2008**, this Agreement shall become void and no use of the Power Company's right(s)-of-way as herein provided for shall be made.

IN WITNESS WHEREOF, this Agreement has been duly executed, this the ____ day of _____, 20____.

UNDERSIGNED

WITNESS:

BY:

NOTARY PUBLIC:

NAME:

TITLE:

The Power Company has by its duly authorized agent executed this Agreement, this the ____ day of _____, 20____.

GEORGIA POWER COMPANY

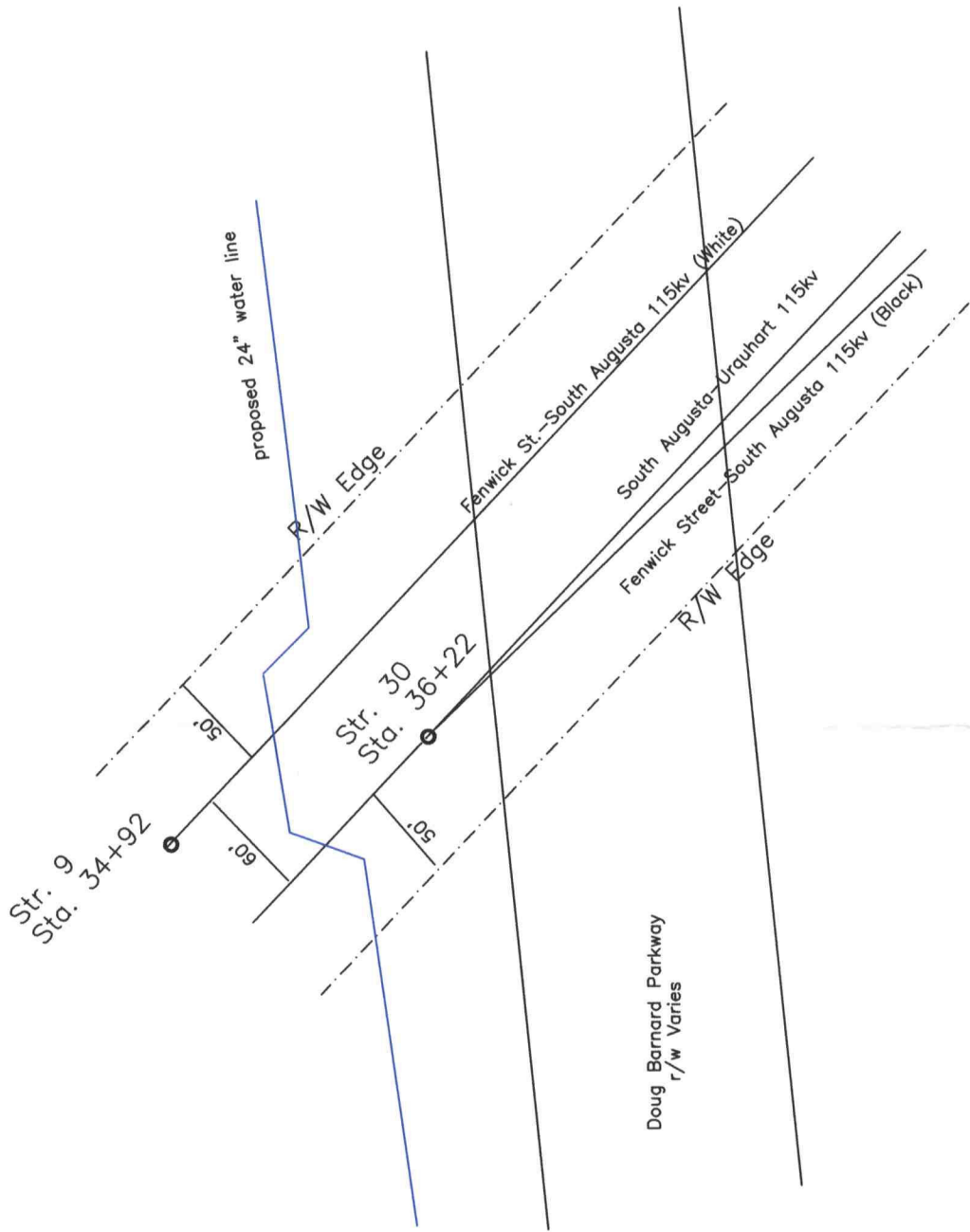
WITNESS:

BY:

NOTARY PUBLIC:

NAME: Joe Cawley

TITLE: Area Transmission Maintenance Supervisor



Augusta Georgia, A Political Subdivision
of the State of Georgia
89th GMD of Richmond County
Fenwick Street - South Augusta 115kv
Map #N-333-7, Sheet 1 of 3
Double Circuit -
- Fenwick St.-South Augusta 115kv
- Urquhart Jct.-South Augusta 115kv
Letter File - 6-2677
1588th GMD Richmond County

Exhibit "A"



Item # 12

Undersigned Initials _____
Power Company Initials _____



**Engineering Services Committee Meeting
5/27/2008 1:00 PM
Ordinance for Maintenance of Private Streets**

Department: Clerk of Commission

Caption: Motion to approve an Ordinance to amend Title 7, Chapter 3, Article 2 Section 7-3-8 of the Augusta Code to regulate maintenance or construction for private streets within Augusta-Richmond County for the purpose of police, fire, and other emergency vehicular access; to repeal all ordinances and parts of ordinances in conflict herewith; to provide an effective date and for other purposes. (Requested by Commissioner Grantham)

Background:

Analysis:

Financial Impact:

Alternatives:

Recommendation:

**Funds are
Available in the
Following
Accounts:**

REVIEWED AND APPROVED BY:

Clerk of Commission

ORDINANCE NO. _____

AN ORDINANCE TO AMEND TITLE 7, CHAPTER 3, ARTICLE 2 SECTION 7-3-8 OF THE AUGUSTA- CODE TO REGULATE MAINTENANCE OR CONSTRUCTION FOR PRIVATE STREETS WITHIN AUGUSTA-RICHMOND COUNTY FOR THE PURPOSE OF POLICE, FIRE, AND OTHER EMERGENCY VEHICULAR ACCESS; TO REPEAL ALL ORDINANCES AND PARTS OF ORDINANCES IN CONFLICT HERewith; TO PROVIDE AN EFFECTIVE DATE AND FOR OTHER PURPOSES.

WHEREAS, Pursuant to the Constitution of the State of Georgia Augusta-Richmond County Commission is charged with providing certain services which include but are not limited to police, fire and emergency rescue services;

WHEREAS, It is a necessity to promote and protect the public health, safety, and welfare of Augusta-Richmond County citizens;

WHEREAS, The Augusta-Richmond County Commission finds it necessary to have unobstructed, safe, and continuous access to residences and buildings;

WHEREAS, The Augusta-Richmond County Commission needs to ensure that police, fire and emergency services can safely and quickly enter and exit private property that is unobstructed, safe and provides continuous vehicle access at all times;

THE AUGUSTA-RICHMOND COUNTY COMMISSION HEREBY ORDAINS AS FOLLOWS:

SECTION 1. That Section 7-3-8 of Title 7, Chapter 3, Article 2 be amended by adding subsections (a), (b) and (c) as set forth in "Exhibit A" hereto.

SECTION 2. This ordinance shall become effective upon its adoption in accordance with applicable laws.

SECTION 3. All ordinances or parts of ordinances in conflict herewith are hereby repealed.

Adopted this ____ day of _____, 2008.

David S. Copenhaver
As its Mayor

Attest:

Lena J. Bonner, Clerk of Commission

Seal:

CERTIFICATION

The undersigned Clerk of Commission, Lena J. Bonner, hereby certifies that the foregoing Ordinance was duly adopted by the Augusta-Richmond County Commission on _____, 2008 and that such Ordinance has not been modified or rescinded as of the date hereof and the undersigned further certifies that attached hereto is a true copy of the Ordinance which was approved and adopted in the foregoing meeting(s).

Lena J. Bonner, Clerk of Commission

Published in the Augusta Chronicle.

Date: _____

Exhibit A

(a) The Augusta-Richmond County Commission desires to protect the health, safety and welfare of its citizens by ensuring that emergency vehicles have access to private roads and streets in the safest possible manner, and that, the County be reimbursed for costs of such maintenance services, and provide other assurances:

(b)The provisions of this article shall apply to incorporated areas within Augusta-Richmond County under the jurisdiction of the Board of Commissioners.

(c) The Engineering Maintenance Department is responsible for the administration of the program and will enter into a release with the owner(s) of the property regarding ingress and egress to the property and the costs and /or expenses associated with making the improvements.



**Engineering Services Committee Meeting
5/27/2008 1:00 PM
TEE Center Update**

Department:

Caption: Discuss the TEE Center progress.

Background:

Analysis:

Financial Impact:

Alternatives:

Recommendation:

**Funds are
Available in the
Following
Accounts:**

REVIEWED AND APPROVED BY:

**Administrator.
Clerk of Commission**



**Engineering Services Committee Meeting
5/27/2008 1:00 PM
Windsor Springs Road SA#3**

Department: Abie L. Ladson, P.E., Engineering

Caption: Authorize the Engineering Department to approve Supplemental Agreement Number Three (3) with Jordan, Jones & Goulding (JJG) in the amount of \$529,267 which will allow the design changes to be implemented as mandated by the GDOT approved Value Engineering Study for the Windsor Spring Road improvement projects, Phase IV & V, CPB #323-04-299823766 & 323-04-299823786. Funds are available in SPLOST Phase III in the Windsor Spring Road Phase IV project right of way account. Funds from the Phase III project right of way account will be transferred in the amount of \$264,633.50 to each project engineering account.

Background: This is a Georgia Department of Transportation (GDOT) project that will widen and reconstruct Windsor Spring Road to 4 lanes with 19' raised median from State Route 88 in Hephzibah to Tobacco Road and replace the bridges over Norfolk Southern Railroad and Spirit Creek. Augusta Engineering Department is responsible for development of the Preliminary Engineering activities and hired JJG to accomplish these activities. The estimated construction cost is \$29.3 million for Phase IV and \$18.5 million for Phase V. Construction funds are currently in the GDOT Long Range program for Phase IV & Phase V.

Analysis: JJG entered into an agreement with Augusta-Richmond County on June 27, 2001 to provide engineering and design services for the Windsor Spring Road corridor from State Route 88 in Hephzibah to Tobacco Road. GDOT policy mandates that all projects that have preliminary engineering, right of way and construction costs that exceed \$25 million shall participate in the Value Engineering process. The purpose of the Value Engineering process is for an independent team of design professionals, assigned by

GDOT, to review the approved Concept Report and preliminary design plans to see if any cost savings can be identified through changes in the design practices and policy. The Value Engineering Study for these projects was performed October 9 – 12, 2007 and identified 25 cost saving recommendations. Based on additional review and input from the Engineering Department, the list of recommendations was reduced to 11. The recommendations were approved by the GDOT Chief Engineer on March 2, 2008 and the anticipated right of way and construction costs are \$5,213,297 (see attachment for a list of the approved recommendations and cost savings) In addition to the design and engineering changes associated with the Value Engineering Study, a new side street, Laurel Oaks, has been constructed and this street will need to be incorporated into the design of the Windsor Spring Road corridor

Financial Impact: JG has proposed a total cost of \$529,267 (see attachment for the cost associated with each individual task) and funds are available in SPLOST Phase III Windsor Spring Road Phase IV project right of way account. GDOT has agreed to fund and acquire the right of way on Phase IV so the \$1,500,000 already identified for this work can be redirected to other places.

Alternatives: Authorize the Engineering Department to approve supplemental Agreement Number Three (3) with Jordan, Jones & Goulding (JJG) in the amount of \$529,267 which will allow the design changes to be implemented as mandated by the GDOT approved Value Engineering Study for the Windsor Spring Road improvement projects, Phase IV & V, CPB #323-04-299823766 & 323-04 -299823786. Funds are available in SPLOST Phase IV in the Windsor Spring Road Phase IV project right of way account. Funds from the Phase IV project right of way account will be transferred in the amount of \$264,633.50 to each project engineering account. 2) Do not approve the request and jeopardize the progress of these important projects to south Augusta.

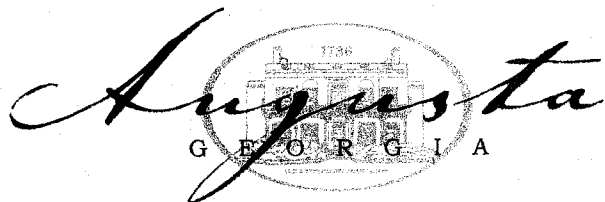
Recommendation: Approve Alternative Number One

Funds are Available in the Following Accounts: 323041110-5411120, 299823766-5212115 & 299823786-5212115

REVIEWED AND APPROVED BY:

**Finance.
Administrator.
Clerk of Commission**

ENGINEERING DEPARTMENT



Abie L. Ladson, P.E.
Director

March 26, 2008

Ryan W. Triick, P. E., Project Manager
Jordan, Jones & Goulding
6801 Governors Lake Parkway, Building 200
Norcross, GA 30071

Dear Mr. Triick:

RE: Improvements to Windsor Spring Road, Phase IV & Phase V
ARC Project Numbers: 323-04-299823766 & 323-04-299823786
GDOT Project Numbers: STP-7007 (6) PI 250610 & BRSLB-7007 (7) PI 250615
STP-1105 (4) PI 245320 & BHSLB-1105 (5) PI 245325
File Reference Number: 08-014 (A)

This office is in receipt of the correspondence from you dated March 14, 2008, concerning the cost proposal to incorporate the engineering and design changes associated with the Value Engineering Study that was mandated by GDOT and was approved by GDOT on February 26, 2008, on the noted projects. To process this request, please have the appropriate representative from your company execute the enclosed three (3) original documents identified as Supplemental Agreement 3, and return them to my attention at the Engineering Department as soon as possible.

Please contact me at 770-862-4024 if you have any questions.

Sincerely,

David O. Griffith, Acting Project Manager
Augusta Engineering Department

C: Abie Ladson, P.E., Director, Engineering Department
Tony Williams, Construction Manager, Engineering Department
Preconstruction File

**AUGUSTA-RICHMOND COUNTY
ENGINEERING DEPARTMENT
SUPPLEMENTAL AGREEMENT**

Project Nos. STP-7007 (6) & STP-1105 (4) PI 250610 & 254320
SUPPLEMENTAL AGREEMENT NO. 3
P.O 53296

WHEREAS, We, **Jordan, Jones & Goulding**, Consultant, entered into a contract with Augusta-Richmond County on June 27, 2001, for engineering design services associated with the improvements to Windsor Spring Road from State Route 88 in Hephzibah to Tobacco Road, projects STP-7007 (6) & STP-1105 (4), File Reference No. 08-014 (A), and

WHEREAS, certain revisions to the design requested by Augusta-Richmond County are not covered by the scope of the original contract, we desire to submit the following Supplemental Agreement to-wit:

Additional engineering and design services in accordance with the GDOT mandated Value Engineering Study that was approved by GDOT on February 26, 2008.

It is agreed that as a result of the above described modification, the contract amount is increased by \$529,267.00 from \$1,623,647.71 to a new total of \$2,152,914.71.

Any modifications to submittal dates shall be as identified in the attached proposal. This agreement in no way modifies or changes the original contract of which it becomes a part, except as specifically stated herein.

NOW, THEREFORE, We, **Jordan, Jones & Goulding**, Consultant, hereby agree to said Supplemental Agreement consisting of the above mentioned items and prices, and agree that this Supplemental Agreement is hereby made a part of the original contract to be performed under the specifications thereof, and that the original contract is in full force and effect, except insofar as it might be modified by this Supplemental Agreement.

This _____ day of _____, 2008.

RECOMMEND FOR APPROVAL:

CITY OF AUGUSTA-RICHMOND COUNTY
AUGUSTA, GEORGIA

Mayor

Approved: Date _____

ATTEST:

Title: _____
(SA02 - For changes greater than \$20,000)

Approved: Date _____
[ATTACHED CORPORATE SEAL]

ATTEST:

Title: _____



Jordan, Jones & Goulding

6801 Governors Lake Parkway • Building 200

Norcross, Georgia 30071

T: 770.455.8555 • F: 770.455.7391 • www.jig.com

March 14, 2008

Mr. Abie Ladson, P.E.
Director of Public Works & Engineering
Augusta-Richmond County
505 Telfair Street
Augusta, Georgia 30901

RE: Windsor Spring Road – Phase IV and V
Project Nos. STP00-7007-00(006), BRSLB-7007-00(007),
STP00-1105-00(004), BHSLB-1105-00(005)
Request for Supplemental Agreement #3

Dear Mr. Ladson:

The purpose of this letter is to request the County's favorable consideration of a supplemental agreement to the Windsor Spring Road – Phase IV and V (collectively "the Project"). The rationale for the requested supplemental agreement is discussed below.

Background: A Value Engineering (VE) Study was held October 9-12, 2007 under the direction and requirement of Georgia DOT, as the project has an estimated cost greater than \$25 million. The VE Study Team reviewed the plans to determine if there were any opportunities for cost savings and/or safety improvements. To reduce project costs statewide, GDOT, through the VE Study, is now allowing changes in design practice and policy.

The VE Team developed a list of potential design recommendations. JIG (not a member of the VE Team) reviewed the recommendations to evaluate whether they were feasible (with regards to design standards and requirements), and whether the associated cost savings were accurate. Based on our evaluation, the original list of 25 recommendations was reduced to 11. These 11 recommendations were presented at the VE Implementation meeting held February 13th, 2008 and were approved by Gerald Ross, Chief Engineer, on March 2nd, 2008. The anticipated reduction in construction cost and ROW cost is \$5,213,297.

As a result of the approved alternatives that were approved, significant revisions to the plans will be required. As you are aware, JIG has discussed these revisions with County staff during the VE process and noted that additional effort will be required to address the VE recommendations. The revisions to the plans are as follows:



Windsor Spring Road – Phase IV and V
Request for Supplemental Agreement #3
March 14, 2008



Task 1 - Recommendations TS-04, TS-06 and TS-07

Recommendation TS-04 removed the 4-foot wide bike lanes and 5-foot wide concrete sidewalks from the typical section and replaced them with 8-foot wide asphalt multi-use trails in the shoulder on each side. Recommendation TS-06 reduced the width of the travel lanes including the left and right turn lanes from 12 feet to 11 feet. Recommendation TS-07 reduced the median width from 20 feet to 19 feet. All of these recommendations were approved to reduce the right of way impacts to the Windsor Spring Road corridor.

These three recommendations are grouped together as the effort to make the revisions will be completed as one task. The changes to the typical section will require revising the edges of pavement, shifting all of the drainage structures, adjusting the top of elevations, pipe lengths, invert elevations, revising the drainage areas and drainage calculations, updating the drainage ditches, revising all of the striping and most of the signing, resetting the strain pole locations for the signal layouts, revising the right of way and easements, modifying the driveway profiles, revising the preliminary bridge layouts and the hydraulic study, and relocating the erosion measures.

These revisions affect the plans as noted above as well as the typical sections, staging sheets, cross sections, and quantities.

Task 2 - Recommendation TS-11

In a number of locations along Windsor Spring Road, the longitudinal storm systems are designed on both sides of the road. VE Recommendation TS-11 reduces the quantity of longitudinal pipe by running longitudinal pipe on one side of the road and using cross drain pipes to carry water from one side to the other. It was decided at the VE Implementation Meeting that this recommendation would be considered only in areas that used 18 inch pipe. JJC will revise the design as noted above, but will avoid using cross drain pipes that will impact the staging of construction.

These changes will affect the construction sheets, drainage profiles and will require some modifications to the staging plans.

Revising the drainage profiles and calculations, will be performed in Task 1.

Task 3 - Recommendation B-3

Recommendation B-3 will eliminate the 90-degree corners on slope paving at the bridges to reduce the amount of concrete.

This revision requires several changes on the plan sheets and adjustment to the quantities.

Task 4 - Recommendation G-1

Recommendation G-1 will sharpen the horizontal curve along Windsor Spring Road in the vicinity of Spirit Creek to reduce the shift of the alignment and save right of way costs. Currently, the proposed alignment is offset approximately 100 feet to the west of the existing alignment. This provided for a smoother curve that meets current GDOT standards and allows



Windsor Spring Road – Phase IV and V
Request for Supplemental Agreement #3
March 14, 2008



the bridge to be constructed without staging. The new curve will still meet GDOT standards, but the bridge will require stage construction.

Revisions will be made to the alignment and profile including the addition of a station equation. Many of the changes to the edges of pavement and drainage will be addressed under Task 1. Additional effort will be required to revise Plantation Road (both the alignment and the profile) and redesign the bridge preliminary layout to include staging. The hydraulic study will be revised to account for the shift of the alignment across Spirit Creek.

Task 5 - Recommendation G-3

Recommendation G-3 will realign Diamond Lakes Way and Turkey Trail Road with Windsor Spring Road from an 80 degree skew to perpendicular at 90 degrees.

The revisions to the plans include designing a new alignment and revising the profile, adjusting the edges of pavement and revising the drainage design. This will also require revisions to the staging, signing and marking, signal plans and the cross sections.

Task 6 - Recommendation G-6

Recommendation G-6 requires creating a new alignment to connect Railroad Avenue and Ebenezer Drive.

The revisions to the plans include creating the new alignment, profile, edges of pavement, right of way, drainage and cross sections. The erosion control, staging and signing and marking plans and quantities will all be revised per the additional alignment.

Task 7 - Recommendation G-7

Recommendation G-7 will remove the extension of Spirit Creek Road east across Windsor Spring Road.

The revisions to the plans will be the removal of the alignment, edges of pavement, drainage, cross sections and the profile. The typical sections, erosion control, staging, signing and marking, quantities will all be revised per the removal of the alignment.

Task 8 - Environmental

Many of the VE recommendations listed above require additional environmental effort. Specifically, the revisions to the typical sections and the new alignment connecting Railroad Avenue and Ebenezer Drive will require additional effort and/or rework to the documents already prepared.

Environmental impacts including history and ecology will need to be updated due to the change in typical section and new alignment. An updated history survey and associated report will be required. Also, due to the proximity of the homes and business to the corridor, an updated assessment of effects associated with the history field survey will also be required. The previous NEPA documentation did not include ecological studies or associated impacts within the areas of new alignment; therefore ecological field studies and an addendum to the approved ecology report are also necessary.



Windsor Spring Road – Phase IV and V
Request for Supplemental Agreement #3
March 14, 2008



Community impacts including neighborhood cohesion, land use, and indirect and cumulative impacts will be reevaluated and updated due to the change in typical section and new alignment. A Public Information Open House has also been requested by FHWA in order to obtain input from the community regarding the changes.

A Reevaluation for the approved FONSI will include all required information as well as the above mentioned data and discussion associated with Task 8.

Task 9 - Project Management and Administration

All of the above tasks require additional project management and administration. Rather than list hours in each task, this time has been grouped together in one task.

Task 10 - Value Engineering Study Preparation, Attendance and Response

The original scope did not include a VE Study. JJC prepared displays of the two projects for the VE Study and handouts for the VE Study team (12 distributions) including the entire set of construction plans, concept reports, and the construction cost estimates. JJC also attended the meeting to present the project and responded during the week to answer questions as needed. JJC also reviewed and responded to the VE Team recommendations to provide GDOT and Augusta-Richmond County with practical analysis of the VE recommendations.

Task 11 - Addition of Laurel Oaks Side Street

A new subdivision is under construction and has access to Windsor Spring Road north of Willis Foreman Road. A new side street connection will be required including an alignment, profile, cross sections, drainage analysis, right of way and survey.

The revisions to the plans will include the typical sections and quantities, the signing and marking, staging and the erosion control plans.

Note: Recommendations G-13 and CPS-1 are approved, but will not require additional effort. Recommendation G-13 states to evaluate the intersections of Plantation Road and Boykin Road for signal warrants. This effort was completed previously while completing the traffic study. The study stated that neither of these intersections warranted a signal.

Recommendation CPS-1 states to release Phase IV and Phase V as one construction contract. As agreed upon at the VE Implementation Meeting, Phases IV and V will be completed as two stand alone set of plans that can be bid as one contract. If, in the future, if it is determined to combine Phase IV and Phase V, additional effort will be required to revise the plans.



Windsor Spring Road – Phase IV and V
Request for Supplemental Agreement #3
March 14, 2008



Total Supplemental

Our lump sum fee for the above tasks is as follows:

Task 1 – Recommendations TS-04, TS-06 & TS-07	\$259,860
Task 2 – Recommendation TS-11	\$ 7,650
Task 3 – Recommendation B-3	\$ 605
Task 4 – Recommendation G-1	\$ 85,390
Task 5 – Recommendation G-3	\$ 12,745
Task 6 – Recommendation G-6	\$ 23,535
Task 7 – Recommendation G-7	\$ 4,535
Task 8 – Environmental	\$ 67,850
Task 9 – Project Management and Administration	\$ 12,300
Task 10 – Value Engineering Study Preparation, Attendance and Response	\$ 23,240
Task 11 – Addition of Laurel Oaks Side Street	\$ 5,585
Direct Costs (subconsultant signal design; survey; printing; travel)	<u>\$ 25,972</u>
	\$529,267

Upon approval of this Supplemental Agreement, JIG will proceed with the VE recommendations and we anticipate requesting Preliminary Field Plan Review (PFPR) in April 2008. If you have any questions or concerns in regards to this supplemental agreement, please feel free to contact our office.

Sincerely,
JORDAN, JONES & GOULDING, INC.

By: Ryan W. Triick, P.E.
Project Manager

By : Kenneth L. Anderson, P.E.
Sr. Vice President–Transportation Services



Windsor Spring Road - Phase IV V
Request for Supplemental Agreement #3
March 14, 2008

Phase IV
Project STP-7007(6) P.I. No. 250610
Project BRSLB-7007(7) P.I. No. 250615
Phase V
Project STP-1105(4) P.I. No. 245320
Project BHSLB-1105(5) P.I. No. 245325

	Principal	Project Manager	Sr Engineer	Engineer	Designer	Sr Env Scientist	Proj Env Scientist	Proj Env Scientist	Clerical
Task 1 - Recommendations TS-04, TS-06 & TS-07									
Remove 4 ft bike lanes from both sides of Windsor Spring Road									
Reduce lanes from 12 ft to 11 ft wide									
Reduce median from 20 ft to 19 ft wide									
Construction Plans									
Typical Sections									
Construction Sheet		1	4						
Driveway Profiles		8	120	80	80				
Drainage Profiles		1	40	40	8				
Drainage Calculations		2	120	160	40				
Drainage Map		2	120	40					
Cross Sections		4	24		4				
Signing & Marking		2	24		16				
Incorporating Bike Lanes at intersection		2	60	160					
Staging Plan Sheets		8	24	40	16				
Erosion BMP Sheets		2	60	80	24				
Quantities		2	60	80	24				
QC		6	80	80	32				
Bridge Plans		16	40	40	40				
Revise Preliminary Layout - Railroad Bridge	4				60				
Revise Preliminary Layout - Spirit Creek					60				
Revise Concept Report		24	16		8				
Misc									
TOTALS:	4	200	792	840	412	0	0	0	0

Task 2 - Recommendation TS-11									
Reduce to single longitudinal system with laterals									
Construction Plans									
Typical Sections									
Construction Sheet		8	32	8					
Driveway Profiles									
Drainage Profiles									
Drainage Calculations									
Drainage Map									
Cross Sections									
Quantities									
QC									
TOTALS:	2	12	36	8	0	0	0	0	0

Task 3 - Recommendation B-3									
Eliminate 90-degree corners on slope paving at the bridge over Norfolk Southern Railway									
Construction Plans									
Construction Sheet		1	2		2				
Quantities									
TOTALS:	0	1	2	0	2	0	0	0	0

Item # 15

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE: STP-1105(4) & BHLB-1105(5) Richmond **OFFICE:** Engineering Services
STP-7007(6) & BRSLB-7007(7) Richmond
P.I. Nos.: 245320, 345325, 250610, & 250615
Windsor Springs Road Widening

DATE: February 26, 2008

FROM: Brian K. Summers, PE, Project Review Engineer *REN*

TO: Ben Buchan, PE, State Urban Design Engineer

SUBJECT: IMPLEMENTATION OF VALUE ENGINEERING STUDY ALTERNATIVES

Recommendations for implementation of Value Engineering Study Alternatives are indicated in the table below. Incorporate the VE alternatives recommended for implementation to the extent reasonable in the design of the project.

ALT #	Description	Potential Savings/UCC	Implement	Comments
TYPICAL SECTIONS				
TS-1	Eliminate sidewalk on both sides of roadway in undeveloped areas	\$554,334	No	There are numerous residential areas as well as schools along the corridor. The sidewalk would provide connectivity for pedestrian traffic.
TS-2	Eliminate bike lanes on both sides of roadway	\$1,625,155	No	Since TS-4 will be implemented this VE Alternative is no longer applicable.
TS-3	Construct multi-use path on the left side of road and sidewalk on the right	\$1,898,396	No	Since TS-4 will be implemented this VE Alternative is no longer applicable.
TS-4	Construct multi-use paths in lieu of bike lanes and sidewalks on both sides of the road	\$2,171,621	Yes	This should be done.

STP-1105(4), BHLB-1105(5) STP-7007(6) & BRSLB-7007(7) Richmond
P.I. Nos. 245320, 345325, 250610, & 250615
Implementation of Value Engineering Study Alternatives
Page 2.

ALT #	Description	Potential Savings/LCC	Implement	Comments
TYPICAL SECTIONS - continued				
TS-5	Reduce the 16-ft urban shoulder to a 12-ft urban shoulder	\$885,233	No	The 16-ft. shoulders would better accommodate the multi-use paths as well as the numerous utilities along the corridor.
TS-6	Use 11-ft. travel lanes in lieu of 12-ft. travel lanes	\$864,238	Yes	This should be done.
TS-7	Reduce median width on Windsor Spring Road to 18-ft.	\$147,180 (proposed) \$92,840 (actual)	Yes	This will be modified to a 19-ft. width to be used in conjunction with TS-6 so that an 8-ft. wide median can be used at the left turn lane locations.
TS-8	Use 8 in. x 24 in. Type 2 curb and gutter instead of 8 in. x 30 in. Type 2 curb and gutter	\$286,910	No	Would require a re-design of the Drainage System. The number of additional catch basins could be significant and would minimize the cost savings for this VE Alternative.
TS-9	Use rural shoulders from STA 154+60 to STA 214+10	\$779,310	No	Since Multi Use Paths will be used on this project it is felt that a consistent typical section should be used throughout the limits of this project to provide pedestrian connectivity.
TS-11	Modify drainage to a single longitudinal storm drain with laterals	Design Suggestion	Yes	This should be done.

STP-1105(4), BHLB-1105(5) STP-7007(6) & BRSLB-7007(7) Richmond
P.I. Nos. 245320, 345325, 250610, & 250615
Implementation of Value Engineering Study Alternatives
Page 3.

ALT #	Description	Potential Savings/ICC	Implement	Comments
BRIDGES				
B-1	Omit end spans on the bridge over the Norfolk Southern Railroad and replace with MSE Walls	\$434,134	No	Based on a more detailed cost estimate provided by the Design Consultant, the cost savings is approximately \$21,337 which doesn't include the re-design costs.
B-2	Lower profile grade line at the Spirit Creek Bridge by 2 ft ±	\$87,100	No	Based on a more detailed cost estimate provided by the Design Consultant, the cost savings is approximately \$21,100. Also, the community coordination required by FEMA has already been completed and any changes would require additional community coordination.
B-3	Eliminate 90° corners on slope paving at the bridge over Norfolk Southern Railway	Design Suggestion	Yes	This should be done.
GEOMETRY				
G-1	Flatten mainline curve correction in the vicinity of Spirit Creek	\$149,575	Yes	This should be done.
G-2	Reduce mainline curve and widen to the left in the vicinity of Turkey Trail Road	\$408,000	No	Would result in impacts to a Regional Park which would require that a Section 4(F) evaluation been completed which would impact the project's schedule.

STP-1105(4), BHLB-1105(5) STP-7007(6) & BRSLB-7007(7) Richmond
P.I. Nos. 245320, 345325, 250610, & 250615
Implementation of Value Engineering Study Alternatives
Page 4.

ALT #	Description	Potential Savings/LCC	Implement	Comments
GEOMETRY - continued				
G-3	Provide a 90° skew angle at the Diamond Lakes Way and Turkey Trail Road intersection	-\$39,450 (cost increase)	Yes	This would result in better sight distance at this intersection.
G-6	Connect Ebenezer Drive (north and south) to Railroad Avenue and eliminate the Windsor Spring Road to Ebenezer Road (north and south) connections	-\$20,830 (cost increase)	Yes	This would result in better sight distance at this intersection.
G-7	Eliminate Spirit Creek Road Extension	\$1,995,303	Yes	This should be done.
G-9	Provide access road to commercial properties near intersection with Tobacco Road Windsor Spring Road in lieu of driveways	-\$197,119 (cost increase)	No	Results in additional costs and would create a new County Road that the County would have to maintain.
G-10	Use abandoned Windsor Spring Road at Plantation Road as a frontage road	\$2,743	No	Results in safety and operational concerns since the frontage road will tie so closely to Windsor Springs Road on Plantation Road and could back up traffic on both Windsor Springs Road as well as Plantation Road.
G-11	Eliminate design carryover associated with an overlay for the proposed elevations for the profile grade line	Design Suggestion	No	An overlay is not proposed on this project.

STP-1105(4), BHLB-1105(5) STP-7007(6) & BRSLB-7007(7) Richmond
P.I. Nos. 245320, 345325, 250610, & 250615
Implementation of Value Engineering Study Alternatives
Page 5.

ALT #	Description	Potential Savings/LCC	Implement	Comments
GEOMETRY - continued				
G-13	Evaluate signal warrants at Plantation Road and Boykin Road	Design Suggestion	Yes	This should be done
G-14	Keep the proposed Spirit Creek Road extension and cul-de-sac Travis Road	\$81,570	No	As noted in VI Alternative G-7, Spirit Road will be deleted from this project
CONTRACT PACKING AND STAGING (CP)				
CPS-1	Release Phase IV and Phase V as one construction contract	Design Suggestion	Yes	This should be done
CPS-2	Segregate Spirit Creek Road extension into a separate project	Design Suggestion	No	As noted in VI Alternative G-7, Spirit Road will be deleted from this project

A meeting was held on February 13, 2008 and Wayne Mote, David Griffith, and Ryan Truck with JJ & G, Ben Buchan, Darrell Richardson, and Jan Hilliard with Urban Design, and Brian Summers, Ron Wishon and Lisa Myers of Engineering Services were in attendance.

Additional information was provided by the Project Manager on February 25, 2008.

The results above reflect the consensus of those in attendance and those who provided input.

Approved:

Dale M.R.

Date: 3/2/08

Gerald M. Ross, P. E., Chief Engineer

BKS/REW

**STP-1105(4), BHLB-1105(5) STP-7007(6) & BRSLB-7007(7) Richmond
P.I. Nos. 245320, 345325, 250610, & 250615
Implementation of Value Engineering Study Alternatives
Page 6.**

Attachments

c: Gus Shanine, FHWA
Todd Long
Paul Liles
Bill Duvall
Bill Ingalsbe
Doug Franks
Darrell Richardson
Jan Hilliard
James Magnus
Rusty Merritt
Michael Keene
Terrell McMillan
Ken Werho
Nabil M. Raad
Alexis John
Lisa Myers

Augusta-Richmond County, Georgia

CPB#323-04-299823766

**CAPITAL PROJECT BUDGET
WINDSOR SPRING ROAD IMPROVEMENTS, SECTION IV
(WILLIS FOREMAN RD TO TOBACCO RD)
CHANGE NUMBER FOUR**

BE IT ORDAINED by the Commission-Council of Augusta-Richmond County, Georgia that the following Capital Project Budget is hereby adopted:

Section 1: This project be set up is authorized to CPB#323-04-299823766. The funding for this project is needed for Engineering. We propose to realign Travis Road with Spirit Creek Road. Funding will come from the project Right of Way account Special 1% Sales Tax, Phase IV Funds.

Section 2: The following revenues are anticipated to be available to the Consolidated Government to complete the project.

Special 1% Sales Tax, Phase III	\$ 1,560,500
Special 1% Sales Tax, Phase IV	<u>\$ 600,000</u>
	\$ 2,160,500

Section 3: The following amounts are appropriated for the project:

By Basin		By District	
4th, 6th, & 8th	\$2,160,500	McBean & Spirit Creek	\$ 2,160,500

Section 4: Copies of this Capital Project Budget shall be made available to the Comptroller for direction in carrying out this project.

Adopted this _____ day of _____.

Approved

Honorable Deke Copenhaver, Mayor

Original-Commission Council Office
Copy-Engineering Department
Copy-Finance Department
Copy-Procurement Department

Augusta-Richmond County, Georgia

CPB#323-04-299823766

**CAPITAL PROJECT BUDGET
WINDSOR SPRING ROAD IMPROVEMENTS, SECTION IV
(WILLIS FOREMAN RD TO TOBACCO RD)
CHANGE NUMBER FOUR**

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT CPB</u>	<u>CPB CHANGE</u>	<u>NEW CPB</u>
SALES TAX, PHASE III 323041110-000000-299823766	(\$1,000)	\$0	(\$1,000)
SALES TAX, PHASE III 323041110-000000-000000000	(\$1,559,500)		(\$1,559,500)
SPECIAL 1% SALES TAX, PHASE IV 324041110-000000-202824766	(\$600,000)	\$0	(\$600,000)
TOTAL SOURCES:	(\$2,160,500)	\$0	(\$2,160,500)
<u>USE OF FUNDS</u>			
ADVERTISING 323041110-5233119-299823766	\$1,000		\$1,000
ENGINEERING 323041110-5212115-299823766	\$871,926	\$264,633.50	\$1,136,559.00
RIGHT OF WAY 323041110-5411120-299823766	\$1,228,075	(\$264,633.50)	\$963,441.00
UTILITIES 323041110-5414510-299823766	\$50,000	\$0	\$50,000
SIGNAL 323041110-5414610-299823766	\$5,000		\$5,000
CONTINGENCY 323041110-6011110-299823766	\$4,500		\$4,500
TOTAL USES:	\$2,160,500	\$0	\$2,160,500

Augusta-Richmond County, Georgia

CPB#323-04-299823786

**CAPITAL PROJECT BUDGET
WINDSOR SPRING ROAD IMPROVEMENTS, SECTION V
(WILLIS FOREMAN RD TO TOBACCO RD)
CHANGE NUMBER FOUR**

BE IT ORDAINED by the Commission-Council of Augusta-Richmond County, Georgia that the following Capital Project Budget is hereby adopted:

Section 1: This project be set up is authorized to CPB#323-04-299823786. The funding for this project is needed for Engineering. We propose to realign Travis Road with Spirit Creek Road. Funding will come from the project Right of Way account Special 1% Sales Tax, Phase IV Funds.

Section 2: The following revenues are anticipated to be available to the Consolidated Government to complete the project.

Special 1% Sales Tax, Phase III	\$	1,560,500
Special 1% Sales Tax, Phase IV	\$	600,000
	\$	2,160,500

Section 3: The following amounts are appropriated for the project:

By Basin		By District	
4th, 6th, & 8th	\$2,160,500	McBean & Spirit Creek	\$ 2,160,500

Section 4: Copies of this Capital Project Budget shall be made available to the Comptroller for direction in carrying out this project.

Adopted this _____ day of _____.

Approved

Honorable Deke Copenhaver, Mayor

Original-Commission Council Office
Copy-Engineering Department
Copy-Finance Department
Copy-Procurement Department

Augusta-Richmond County, Georgia

CPB#323-04-299823786

**CAPITAL PROJECT BUDGET
WINDSOR SPRING ROAD IMPROVEMENTS, SECTION V
(WILLIS FOREMAN RD TO TOBACCO RD)
CHANGE NUMBER FOUR**

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT CPB</u>	<u>CPB CHANGE</u>	<u>NEW CPB</u>
SALES TAX, PHASE III 323041110-000000-299823786	(\$1,000)	\$0	(\$1,000)
SALES TAX, PHASE III 323041110-000000-000000000	(\$1,559,500)		(\$1,559,500)
SPECIAL 1% SALES TAX, PHASE IV 324041110-000000-203824786	(\$600,000)	\$0	(\$600,000)
TOTAL SOURCES:	(\$2,160,500)	\$0	(\$2,160,500)
 <u>USE OF FUNDS</u>			
ADVERTISING 323041110-5233119-299823786	\$1,000		\$1,000
ENGINEERING 323041110-5212115-299823786	\$871,926	\$264,633.50	\$1,136,559.00
RIGHT OF WAY 323041110-5411120-299823786	\$1,228,075	(\$264,633.50)	\$963,441.00
UTILITIES 323041110-5414510-299823786	\$50,000	\$0	\$50,000
SIGNAL 323041110-5414610-299823786	\$5,000		\$5,000
CONTINGENCY 323041110-6011110-299823786	\$4,500		\$4,500
TOTAL USES:	\$2,160,500	\$0	\$2,160,500