



Engineering Services Committee Committee Room- 7/7/2008- 1:00 PM
Meeting

ENGINEERING SERVICES

1. Motion to approve an Option for Right-of-Way between Nilamkumar Patel and Manisha Patel as owners, and Augusta, Georgia, as optionee, in connection with the Alexander Drive Project, for 0.013 acre (579.17 sq. ft) in fee and 0.006 acre (259.94 sq. ft.) of permanent construction & maintenance easement (2811 Brickrun Way) for a purchase price of \$28,200.00. ☐ [Attachments](#)
2. Authorize the Engineering Department to award a Consultant Services Agreement to Repro Products, Inc. in the amount of \$49,895.00 for the implementation of Autodesk Civil 3D and staff training. ☐ [Attachments](#)
3. Approve funds to complete a 12" water line through Fairington subdivision to serve additional growth along Tobacco and Windsor Spring Rds. ☐ [Attachments](#)
4. Motion to approve a contract with the architect for the TEE Center project. ☐ [Attachments](#)
5. Motion to approve a Resolution to provide for the installation of arterial street lights for the New Savannah Road; and the assessment of the annual cost of maintaining and operating said street lights; to provide for the method and manner for funding of said arterial street lights, and for other purposes. (Requested by Commissioner Grantham) ☐ [Attachments](#)
6. Approve award of a contract with Total Systems Commissioning, Inc. for Building Commissioning Consulting in conjunction with the new Judicial Center in ☐ [Attachments](#)

the amount of \$96,496.00.

7. Approve award for additional design services in the amount of \$93,140.00 to W.R. Toole Engineers, Inc. (WRTE) in order to design a 16-inch Water Main extension to Old Savannah Rd from the current 24-inch water main design on Doug Barnard Parkway at the 90% stage of design. ☐ [Attachments](#)
8. Provide the Augusta-Richmond County Commission an update on the Third Level Canal improvements. ☐ [Attachments](#)
9. Approve extension of the lease agreement between Augusta and MAU for space within the Hatcher Building located at 501 Greene Street for a period of 30 months. The new rate is proposed to be \$13.25 per SF for the duration of the extension. (Referred from June 9 Engineering Services) ☐ [Attachments](#)
10. Motion to approve Georgia Power Company Governmental Encroachment Agreements Nos. 30948, 31027 and 31028. ☐ [Attachments](#)
11. Approve hiring Supervisor I and Assistant Manager positions for Ft.Gordon near salary mid-point. ☐ [Attachments](#)
12. Motion to approve execution of a contract with ATC Associates, Inc. for construction inspections and materials testing services associated with construction of the Webster Detention Center Expansion, the new Main Library and the new Judicial Center. ☐ [Attachments](#)
13. Approve (CPB #323-04-203823372) Change Number Three in the amount of \$220,000.00 with funding from SPLOST Phase III Contingency for project engineering and construction. Also approve award of construction contract to Blair Construction, Inc. in the amount of \$748,479.03 for the Pointe West Subdivision Drainage Improvements Project, subject to receipt of signed contract and proper bonds. Also approve Supplemental ☐ [Attachments](#)

Agreement Number Two to Cranston Engineering Group, P.C. in the amount of \$42,000.00 for additional services that includes construction observation and field engineering.

14. Approve Amendment #2 through the Utilities Department to Zimmerman, Evans, and Leopold Professional Design Services contract for additional design of the Rae's Creek Sanitary Trunk Sewer Replacement Project in the amount of \$33,200.00. Also approve the transfer of \$271,000.00 into the Construction budget for completion of the Engineering Department's portion of this project. ☐ [Attachments](#)
15. Approve delegating Signature Authority to City Administrator for Provisions within existing Ft. Gordon Contract. ☐ [Attachments](#)
16. Approve (CPB #323-04-296823516) Change Number Four in the amount of \$3,315,100.00 with fundings of \$2,167,667.00 from SPLOST Phase II Recapture, and \$1,000,000.00 from SPLOST Phase III Recapture for Project Engineering and Construction. Also approve award of Construction Contract to Mabus Brothers Construction, Co. in the amount of \$4,549,000.00 for the Windsor Spring Road Improvements Project, subject to receipt of a detailed project schedule, a contractor's project team approved by the Engineering Department, a traffic control plan, a staging plan, signed contract(s), and proper bonds. Also approve Supplemental Agreement Number Four to W.R. Toole Engineers, Inc. in the amount of \$196,100.00 for additional services that include construction observation and field engineering. ☐ [Attachments](#)



**Engineering Services Committee Meeting
7/7/2008 1:00 PM
Acquisition of Right-of-Way and Easement**

Department: County Attorney

Caption: Motion to approve an Option for Right-of-Way between Nilamkumar Patel and Manisha Patel as owners, and Augusta, Georgia, as optionee, in connection with the Alexander Drive Project, for 0.013 acre (579.17 sq. ft) in fee and 0.006 acre (259.94 sq. ft.) of permanent construction & maintenance easement (2811 Brickrun Way) for a purchase price of \$28,200.00.

Background: The property owners have 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

AUGUSTA, GEORGIA
OPTION FOR RIGHT-OF-WAY

GEORGIA, RICHMOND COUNTY

P.I.#: 0001794

S.S.N#:

Received of Augusta, Georgia, the sum of one (\$1.00) dollar, the receipt whereof is hereby acknowledged, and in consideration of the benefits derived by me from the proposed project mentioned herein, I bind myself, my heirs, executors and assigns as follows:

If the said Augusta, Georgia, shall within 60 days after date hereof, pay me the sum of \$ 28,200.00, then the undersigned agrees to execute and deliver to Augusta, Georgia, fee simple title and easements to the land owned by the undersigned, which is shown reflected in color on the right-of-way map attached hereto and made a part hereof by reference, to be used for highway purposes on the Alexander Drive Project, STP-0001-00(794), being Project Parcel 53, (Tax Map 013-1, Parcel(s) 250), consisting of 0.013 acre (579.17 sq. ft.) in fee and 0.006 acre (259.94 sq. ft.) of permanent construction & maintenance easement. Also granted is (are) N/A temporary driveway easement(s) on Alexander Drive Project, STP-0001-00(794).

It is agreed and understood that TEMPORARY EASEMENTS are limited to the period required for the construction of said project and upon completion and acceptance of same by the Department of Transportation from the contractor, said TEMPORARY EASEMENT will terminate.

It is agreed and understood that I, or any tenant, now in possession or any other persons having a claim or interest in subject property, will have not less than two (2) months from date of execution of a deed and easements (or for residential properties three (3) months from the date replacement housing is available, whichever is greater) to vacate the premises and that on vacating of said premises, only items of personal property will be removed, all items attached to the property and being classed as realty to remain. The above agreement to apply unless otherwise provided in Special Provision. If Augusta, Georgia, agrees to allow the Grantor or tenant in possession to occupy the subject premises beyond the two month period stated above, that person will be required to pay a rental fee of N/A payable each month in advance. Subsequent to the date of transfer of title to Augusta, Georgia, and prior to vacation of subject premises, the person in possession will hold Augusta harmless as to any claim in connection with the occupancy of said premises. The above option price includes payment for the right-of-way above described, together with all improvements wholly or partially situated thereon and the right to enter upon the adjacent lands not included in said required right-of-way and easements, for the purpose of removing or demolishing such improvements.

The undersigned further agrees that the Department will be designated an authorized agent for the removal of underground storage tank systems located wholly or partially in said right of way or easement.

*****SPECIAL PROVISION*****

Grantor may retain title to N/A for sum of \$ N/A, which shall be deducted from the option price at the time of closing, PROVIDED, he will obligate and firmly bind himself and his successors in title to strictly and faithfully comply with each of the following conditions:

1. Grantor will demolish or remove all above described improvements from the right-of-way, easements conveyed and set back area from the said right-of-way sufficient to comply with County Building Code requirements; however, in the absence of County Requirements, a minimum set back of 50 feet is required. All rubbish and debris must be removed to the satisfaction of authorized personnel of Augusta Engineering Department within 30 calendar days after notice to proceed.
2. Grantor will comply with all laws, ordinances, regulations, or building code applicable to demolition or removal of buildings in Richmond County, Georgia, and hold the Department of Transportation and Augusta, Georgia, harmless as to any claim in connection herein.
3. It is understood and agreed that no utility connections shall be made or allowed to relocated structures across or from a limited access right-of-way, and it is understood and agreed that grantor has agreed to bargain, sell, and convey to Augusta, Georgia, all existing utility rights, and Augusta will not be liable in any way for utility reconnections adjacent to acquired rights-of-way or any subsequent location improvements.
4. Grantor will leave on deposit with Augusta, Georgia, the additional sum of \$ N/A, which will be deducted from the aforesaid option price at closing. This sum will be held as a cash performance bond conditioned on the strict and faithful performance of the aforesaid obligations.

PROJECT PARCEL 53
(Tax Map 013-1, Parcel No 250)

INITIALS MP

Time is expressly made of the essence of this Special Provision and in the event grantor fails to comply with aforesaid obligations, all sums held by Augusta, Georgia, shall be retained as liquidated damages, and title to and the right to remove said structures shall vest in the Augusta, Georgia.

*****OTHER PROVISIONS*****

Grantor may execute and deliver fee simple title to Augusta, Georgia, to the above referenced right of way and an additional N/A acres of land owned by the undersigned adjacent to an abutting on the above numbered highway for the total consideration of \$ N/A which includes payment for the above referenced right of way requirements, other rights and conditions described herein and additional lands. This additional land being shown on the attached plat as Parcel No.

The undersigned herein agrees, for the same consideration, to provide, without cost to Augusta, Georgia, a quit claim deed or such other releases as may be required by the closing attorney from any tenant now in possession of subject property and any other parties having a claim or interest in subject property.

It is further agreed for said consideration to convey and relinquish to the City of Augusta all rights of access between the limited access highway and approaches thereto on the above numbered highway and all of the remaining real property of the undersigned except at such points as designated by the City of Augusta. This paragraph is not applicable unless access rights are indicated on the attached plat.

The said parcel of land as above indicated is shown upon plans on file in the office of Augusta Engineering, Augusta, Georgia, said plans being identified as Project Alexander Drive, STP-0001-00(794).

I (We) do (do not) elect to retain improvements as set out in Special Provision.

I (We) do (do not) elect to execute and deliver deeds set out in Other Provisions.

Witness my hand and seal this 5th day of June, 2008.

Signed, Sealed and Delivered
in the presence of:

Unofficial Witness

[Signature]
NOTARY PUBLIC

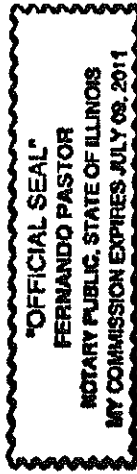
[Signature] (L.S.)

Nilamkumar Patel

[Signature] (L.S.)

Manisha Patel

_____(L.S.)

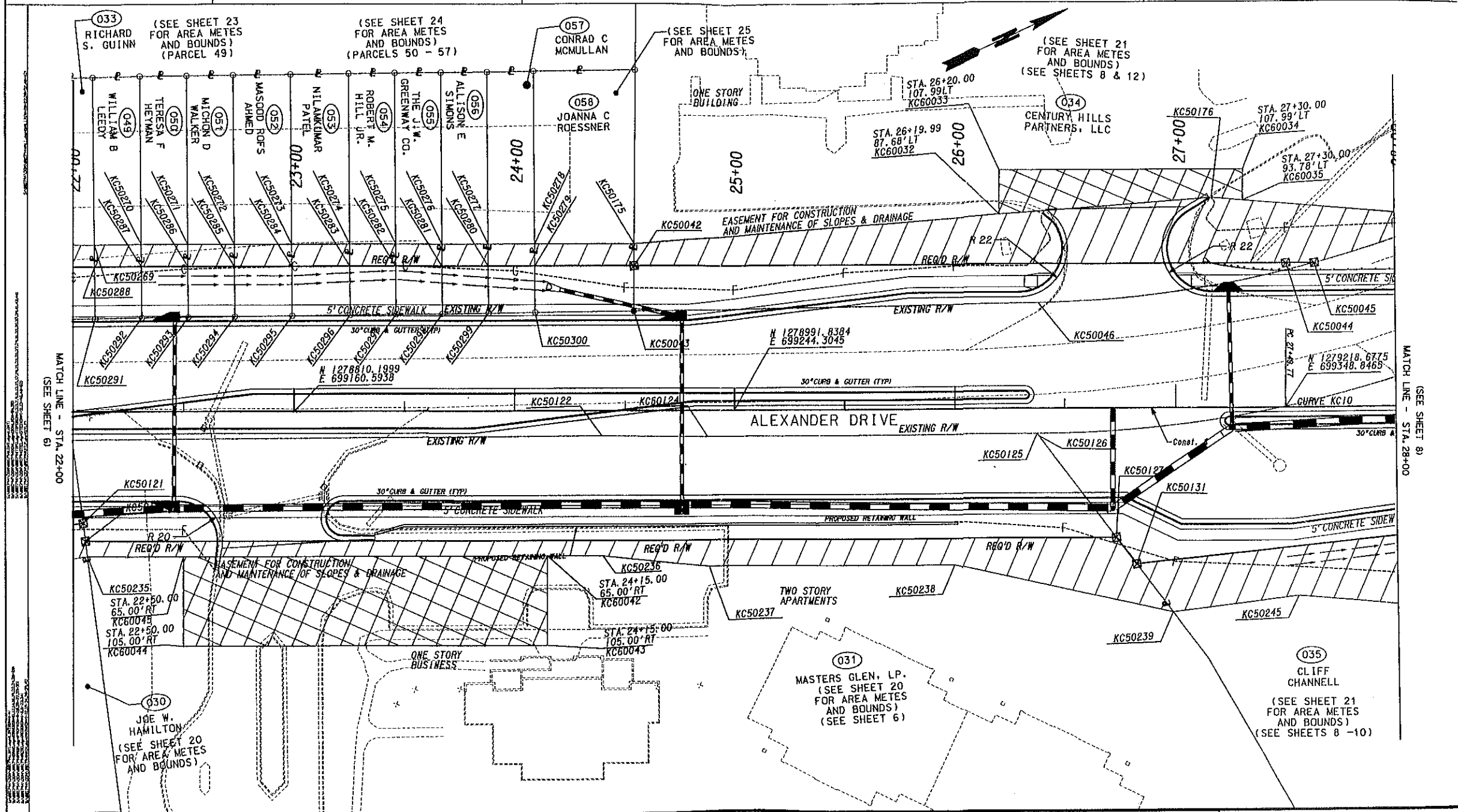


AUGUSTA, GEORGIA

Administrator

DATE _____

PROJECT PARCEL 53
(Tax Map 013-1, Parcel No 250)



PROPERTY AND EXISTING R/W LINE REQUIRED R/W LINE CONSTRUCTION LIMITS EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES EASEMENT FOR CONSTR OF SLOPES EASEMENT FOR CONSTR OF DRIVES	BEGIN LIMIT OF ACCESS.....BLA END LIMIT OF ACCESS.....ELA LIMIT OF ACCESS REQ'D R/W & LIMIT OF ACCESS SCALE IN FEET 0 20 40 80	Cranston, Engineering Group, P.C. 401 ALA STREET, P.O. BOX 100, ATLANTA, GEORGIA 30303 PH: 404.525.1100 FAX: 404.525.1101	DATE 01-31-07	REVISIONS REVISED EASEMENT & R/W FOR PARCELS 031, 034, 035	DATE	REVISIONS
			Item # 1			

STATE OF GEORGIA

DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO. STP-0001-00(794)

COUNTY RICHMOND

LAND LOT NO. N/A

LAND DISTRICT: N/A

GMD 90TH

DATE 5/4/06 SH 7 OF 25

PARCEL 050 R/W REQ'D R/W KC6113			
PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
KC50287	65.00 L	22+30.73	MAINLINE
	21.00	N 24°44'47.6" E	
KC50286	65.00 L	22+51.73	MAINLINE
	22.99	S 65°56'37.9" E	
KC50293	42.01 L	22+52.01	MAINLINE
	21.00	S 24°03'44.1" W	
KC50292	41.77 L	22+31.01	MAINLINE
	23.23	N 65°56'23.4" W	
KC50287	65.00 L	22+30.73	MAINLINE
REQD R/W	485.20	SF	
REQD R/W	0.011	ACRES	
REMAINDER	+/- 0.042	ACRES	

PARCEL 050 PERMANENT REQ'D PERM. EASW'T. KC6102			
PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
KC50270	75.00 L	22+30.62	MAINLINE
	21.00	N 24°44'47.6" E	
KC50271	75.00 L	22+51.62	MAINLINE
	10.00	S 65°55'16.2" E	
KC50286	65.00 L	22+51.73	MAINLINE
	21.00	S 24°44'47.6" W	
KC50287	65.00 L	22+30.73	MAINLINE
	10.00	N 65°55'16.2" W	
KC50270	75.00 L	22+30.62	MAINLINE
REQD EASW'T	209.97	SF	
REQD EASW'T	0.005	ACRES	

PARCEL 051 R/W REQ'D R/W KC6114			
PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
KC50286	65.00 L	22+51.73	MAINLINE
	21.00	N 24°44'47.6" E	
KC50285	65.00 L	22+72.73	MAINLINE
	22.74	S 65°56'15.8" E	
KC50294	42.26 L	22+73.00	MAINLINE
	20.99	S 24°03'44.1" W	
KC50293	42.01 L	22+52.01	MAINLINE
	22.99	N 65°56'37.9" W	
KC50286	65.00 L	22+51.73	MAINLINE
REQD R/W	479.98	SF	
REQD R/W	0.011	ACRES	
REMAINDER	+/- 0.042	ACRES	

PARCEL 051 PERMANENT REQ'D PERM. EASW'T. KC6103			
PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
KC50271	75.00 L	22+51.62	MAINLINE
	21.00	N 24°44'47.6" E	
KC50272	75.00 L	22+72.62	MAINLINE
	10.00	S 65°55'16.2" E	
KC50285	65.00 L	22+72.73	MAINLINE
	21.00	S 24°44'47.6" W	
KC50286	65.00 L	22+51.73	MAINLINE
	10.00	N 65°55'16.2" W	
KC50271	75.00 L	22+51.62	MAINLINE
REQD EASW'T	209.97	SF	
REQD EASW'T	0.005	ACRES	

PARCEL 052 R/W REQ'D R/W KC6115			
PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
KC50285	65.00 L	22+72.73	MAINLINE
	26.00	N 24°44'28.6" E	
KC50284	65.00 L	22+98.73	MAINLINE
	22.43	S 65°56'57.5" E	
KC50295	42.57 L	22+99.00	MAINLINE
	26.00	S 24°03'39.4" W	
KC50294	42.26 L	22+73.00	MAINLINE
	22.74	N 65°56'15.8" W	
KC50285	65.00 L	22+72.73	MAINLINE
REQD R/W	587.04	SF	
REQD R/W	0.013	ACRES	
REMAINDER	+/- 0.053	ACRES	

PARCEL 052 PERMANENT REQ'D PERM. EASW'T. KC6104			
PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
KC50272	75.00 L	22+72.62	MAINLINE
	26.00	N 24°44'28.6" E	
KC50273	75.00 L	22+98.61	MAINLINE
	10.00	S 65°55'16.2" E	
KC50284	65.00 L	22+98.73	MAINLINE
	26.00	S 24°44'28.6" W	
KC50285	65.00 L	22+72.73	MAINLINE
	10.00	N 65°55'16.2" W	
KC50272	75.00 L	22+72.62	MAINLINE
REQD EASW'T	259.95	SF	
REQD EASW'T	0.006	ACRES	

PARCEL 053 R/W REQ'D R/W KC6116			
PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
KC50284	65.00 L	22+98.73	MAINLINE
	26.01	N 24°43'55.4" E	
KC50283	65.00 L	23+24.73	MAINLINE
	22.12	S 65°56'15.3" E	
KC50296	42.88 L	23+25.00	MAINLINE
	26.00	S 24°03'39.4" W	
KC50295	42.57 L	22+99.00	MAINLINE
	22.43	N 65°56'57.5" W	
KC50284	65.00 L	22+98.73	MAINLINE
REQD R/W	579.17	SF	
REQD R/W	0.013	ACRES	
REMAINDER	+/- 0.053	ACRES	

PARCEL 053 PERMANENT REQ'D PERM. EASW'T. KC6105			
PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
KC50273	75.00 L	22+98.61	MAINLINE
	26.00	N 24°44'28.6" E	
KC50274	75.00 L	23+24.61	MAINLINE
	10.00	S 65°56'24.6" E	
KC50283	65.00 L	23+24.73	MAINLINE
	26.01	S 24°43'55.4" W	
KC50284	65.00 L	22+98.73	MAINLINE
	10.00	N 65°55'16.2" W	
KC50273	75.00 L	22+98.61	MAINLINE
REQD EASW'T	259.94	SF	
REQD EASW'T	0.006	ACRES	

PARCEL 054 R/W REQ'D R/W KC6117			
PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
KC50283	65.00 L	23+24.73	MAINLINE
	21.00	N 24°44'47.6" E	
KC50282	65.00 L	23+45.73	MAINLINE
	21.87	S 65°55'52.0" E	
KC50297	43.13 L	23+45.99	MAINLINE
	20.99	S 24°03'44.1" W	
KC50296	42.88 L	23+25.00	MAINLINE
	22.12	N 65°56'15.3" W	
KC50283	65.00 L	23+24.73	MAINLINE
REQD R/W	461.84	SF	
REQD R/W	0.011	ACRES	
REMAINDER	+/- 0.042	ACRES	

PARCEL 054 PERMANENT REQ'D PERM. EASW'T. KC6106			
PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
KC50274	75.00 L	23+24.61	MAINLINE
	21.01	N 24°44'06.5" E	
KC50275	75.00 L	23+45.62	MAINLINE
	10.00	S 65°55'16.2" E	
KC50282	65.00 L	23+45.73	MAINLINE
	21.00	S 24°44'47.6" W	
KC50283	65.00 L	23+24.73	MAINLINE
	10.00	N 65°56'24.6" W	
KC50274	75.00 L	23+24.61	MAINLINE
REQD EASW'T	209.97	SF	
REQD EASW'T	0.005	ACRES	

PARCEL 055 R/W REQ'D R/W KC6118			
PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
KC50282	65.00 L	23+45.73	MAINLINE
	21.00	N 24°44'47.6" E	
KC50281	65.00 L	23+66.73	MAINLINE
	21.62	S 65°56'55.3" E	
KC50298	43.39 L	23+66.99	MAINLINE
	21.00	S 24°03'04.0" W	
KC50297	43.13 L	23+45.99	MAINLINE
	21.87	N 65°55'52.0" W	
KC50282	65.00 L	23+45.73	MAINLINE
REQD R/W	456.63	SF	
REQD R/W	0.010	ACRES	
REMAINDER	+/- 0.043	ACRES	

PARCEL 055 PERMANENT REQ'D PERM. EASW'T. KC6107			
PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
KC50275	75.00 L	23+45.62	MAINLINE
	21.00	N 24°44'47.6" E	
KC50276	75.00 L	23+66.61	MAINLINE
	10.00	S 65°55'16.2" E	
KC50281	65.00 L	23+66.73	MAINLINE
	21.00	S 24°44'47.6" W	
KC50282	65.00 L	23+45.73	MAINLINE
	10.00	N 65°55'16.2" W	
KC50275	75.00 L	23+45.62	MAINLINE
REQD EASW'T	209.97	SF	
REQD EASW'T	0.005	ACRES	

PARCEL 056 R/W REQ'D R/W KC6119			
PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
KC50281	65.00 L	23+66.73	MAINLINE
	21.00	N 24°44'47.6" E	
KC50280	65.00 L	23+87.73	MAINLINE
	21.37	S 65°56'32.0" E	
KC50299	43.64 L	23+87.98	MAINLINE
	20.99	S 24°03'44.1" W	
KC50298	43.39 L	23+66.99	MAINLINE
	21.62	N 65°56'55.3" W	
KC50281	65.00 L	23+66.73	MAINLINE
REQD R/W	451.22	SF	
REQD R/W	0.010	ACRES	
REMAINDER	+/- 0.043	ACRES	

PARCEL 056 PERMANENT REQ'D PERM. EASW'T. KC6108			
PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
KC50276	75.00 L	23+66.61	MAINLINE
	21.00	N 24°44'47.6" E	
KC50277	75.00 L	23+87.61	MAINLINE
	10.00	S 65°55'16.2" E	
KC50280	65.00 L	23+87.73	MAINLINE
	21.00	S 24°44'47.6" W	
KC50281	65.00 L	23+66.73	MAINLINE
	10.00	N 65°55'16.2" W	
KC50276	75.00 L	23+66.61	MAINLINE
REQD EASW'T	209.97	SF	
REQD EASW'T	0.005	ACRES	

PARCEL 057 R/W REQ'D R/W KC6125			
PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
KC50279	65.00 L	24+08.73	MAINLINE
	21.12	S 65°56'08.1" E	
KC50300	43.89 L	24+08.98	MAINLINE
	20.99	S 24°03'44.1" W	
KC50299	43.64 L	23+87.98	MAINLINE
	21.37	N 65°56'32.0" W	
KC50280	65.00 L	23+87.73	MAINLINE
	21.00	N 24°44'47.6" E	
KC50279	65.00 L	24+08.73	MAINLINE
REQD R/W	445.96	SF	
REQD R/W	0.010	ACRES	
REMAINDER	+/- 0.043	ACRES	

PARCEL 057 PERMANENT REQ'D PERM. EASW'T. KC6109			
PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
KC50277	75.00 L	23+87.61	MAINLINE
	21.00	N 24°44'47.6" E	
KC50278	75.00 L	24+08.61	MAINLINE
	10.00	S 65°55'16.2" E	
KC50279	65.00 L	24+08.73	MAINLINE
	21.00	S 24°44'47.6" W	
KC50280	65.00 L	23+87.73	MAINLINE
	10.00	N 65°55'16.2" W	
KC50277	75.00 L	23+87.61	MAINLINE
REQD EASW'T	209.97	SF	
REQD EASW'T	0.005	ACRES	

PROPERTY AND EXISTING R/W LINE REQUIRED R/W LINE CONSTRUCTION LIMITS EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES EASEMENT FOR CONSTR OF SLOPES EASEMENT FOR CONSTR OF DRIVES		BEGIN LIMIT OF ACCESS.....BLA END LIMIT OF ACCESS.....ELA LIMIT OF ACCESS REQ'D R/W & LIMIT OF ACCESS		DATE	REVISIONS	DATE	REVISIONS	STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY MAP PROJECT NO: STP-0001-00(794) COUNTY: RICHMOND LAND LOT NO: N/A LAND DISTRICT: N/A GMD 90th DATE 05/04/06 SH 24 OF 25
					Item # 1			



**Engineering Services Committee Meeting
7/7/2008 1:00 PM
Agenda Item Civil 3D Award**

Department: Abie L. Ladson, PE, Director

Caption: Authorize the Engineering Department to award a Consultant Services Agreement to Repro Products, Inc. in the amount of \$49,895.00 for the implementation of Autodesk Civil 3D and staff training.

Background: Over the past two years, the Engineering Department has designed small to medium size projects in-house. The Department purchased four Civil 3D Licenses with the maintenance agreement and upgrades for \$15,500 in 2006. The Department also has in the budget to purchase an additional two licenses for \$13,900.00. An estimated \$181,000 has been saved by utilizing Autodesk Civil 3D software and the Engineering staff to design projects. The total investment cost (Software cost: \$29,400, and Proposed Implementation and Training Cost: \$49,895.00) is \$79,295.00. The current savings would more than pay for the additional software and training. Approximately, 25% of the software's capabilities are being utilized by staff. Training will allow the Engineering Department to maximize the program, and increase design productivity

Analysis: RFPs were received on May 20, 2008 with REPRO Products, Inc. having the highest evaluation score, and fee proposal. Results are as follow: CONSULTANTS EVALUATION SCORE REPRO Products, Inc. 90.81 Applied Software Technology, Inc. 65.19 CONSULTANTS SCOPE FEE 1.REPRO Products, Inc. \$49,895.00 2.Applied Software Technology, Inc. \$82,160.00 It is the Engineering Department recommendation to award this contract to REPRO Products.

Financial Impact: Funding is available in the amount of \$25,000 from account IMPACT: 101.04.1110/5212115 and \$24,895 from account #

325.04. 7/5212115207825097/5212115 upon Commission approval.

Alternatives: 1) Authorize the Engineering Department to award a Consultant Services Agreement to Repro Products, Inc. in the amount of \$49,895.00 for the implementation of Autodesk civil 3D and staff training. 2) Do not approve

Recommendation: Approve Alternative Number One.

Funds are Available in the Following Accounts: 101.04.1110/5212115 325.04.1197/5212115 207825097/5212115

REVIEWED AND APPROVED BY:

**Finance.
Administrator.
Clerk of Commission**

RFP #08-126

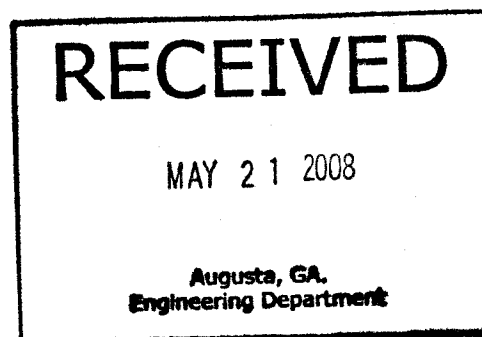
Autodesk Civil 3D Design

for The City of Augusta Engineering Department

Bid Opening Date: Tuesday, May 20, 2008 at 3:00 P.M.

Vendors:	Original	6 Copies
Horizon Engineering, Inc 1395 S Marietta Parkway Marietta, GA 30067		
Applied Software 2801 Buford Highway, Druid Chase, Ste 100 Atlanta, GA 30329	YES	YES
Corporate Office & Training Center 4485 S Atlanta Road Smyrna, GA 30080		
Repro Products, Inc. 4485 Atlanta Road Smyrna, GA 30080	YES	YES

Local vendors are
highlighted in blue.



Item # 2

Cumulative Totals for 08-126 Autodesk Civil 3D Design Training		
Eval. Comm #	Repro	Applied
1	86.5	69.25
2	92.5	58.75
3	94.5	71.75
4	89.75	61
Ranking	1	2



Applied Software FEE PROPOSAL for
Augusta-Richmond County Engineering Department RPF # 08-126

This fee is good for 120 days from the date of opening (May 20, 2008). These lump sum fees are with respect to the APPLIED SOFTWARE scope of services as defined in the Services to be Rendered (II. section) and the Work Plan and Overall Service Schedule (III. 3. Section) of the APPLIED SOFTWARE proposal:

1.	<i>Integration and Deployment set-up</i>	\$9,120.00
2.	<i>Assessment and Evaluation of current set-up</i>	\$15,880.00
3.	<i>On-site Training</i>	\$7,400.00
4.	<i>Development of Settings and Style Configuration</i>	\$6,400.00
5.	<i>Mentoring</i>	
	a. 100 hours of off-site	\$16,000.00
	b. 1-day per month on-site	\$27,360.00
	TOTAL	\$82,160.00
6.	<i>Optional Programs at additional cost</i>	
	a. Observe and advise on a large project	\$4,840.00
	b. On-site second Civil3D class	\$4,840.00
	c. Other ARCED request	to be determined
7.	<i>Reimbursable Expenses Budget</i>	Budget 15%
		\$12,000 Estimated





Repro Products, Inc.
4485 Atlanta Road
Smyrna, Ga. 30080

Task Order #1
Augusta-Richmond County
SERVICES TYPE: Integration, Configuration & Training

This Task Order #1 (the "Agreement") dated May 20, 2008 is made between **Repro Products, Inc.** (Repro) and **Augusta-Richmond County** (customer). The terms and conditions of the agreement shall apply to this Task Order, unless expressly set forth otherwise in this Task Order.

SCOPE OF WORK 31 day(s) This Scope of Work comprises a **Fast Track MAX** program for training and implementation services of Autodesk Civil 3D 2008 at Customer's offices to assist Customer in the implementation and training of Civil 3D 2008 (Customer Project).

&

POST ENGAGEMENT SERVICE CONTRACT 12 Month(s) This is one component of the **Fast Track MAX** program. Our Autodesk Certified Application Engineers will be working closely with your project team members to provide over the shoulder technical support, training and leadership. The post service engagement phase will focus on providing best practices related to current errors and technical support issues. Some of this support may be presented with Internet Based Solutions.

Repro Products, Inc., and Civil 3D Project Team* Qualifications:

Repro Products is an Authorized and Certified Autodesk Value Added Reseller and has been active in the Autodesk Software Product and Solutions industry for 15 years. We have served literally thousands of customers and pride ourselves on Implementing Autodesk Solutions successfully. We are the only Autodesk VAR with Certified Implementation experts in all of our key vertical areas of focus in the southeast.

Ray Howard – **Director of Software Solutions (18 years Civil industry experience)**

Tim Worley LSIT – **Civil Solutions Account Manager (14 years Survey/Civil industry experience)**

Dale Kruelle – **Civil 3D 2006 & 2007 Autodesk Implementation Certified Expert (ICE) (20 years Civil industry experience)**. Dale is only 1 of 51 Certified Implementation Experts in the Country for Civil 3D 2006 and only 1 of 46 Certified Implementation Experts for Civil 3D 2007. Collectively he is only 1 of 26 Certified on both these years combined. Dale has been an IT/CAD Manger in full Civil based production environments for more than 10 years and has implemented, trained and serviced Civil 3D in many Civil Engineering companies in the immediate Southeast region of the country.

Dave Young – **Civil 3D 2008 Autodesk Implementation Expert Program (AIEP) (12 years Civil industry experience)**. Dave is currently 1 of only 10 Certified Implementation Experts on the Civil 3D 2009 software product. Dave has been an IT/CAD Manger in full Civil/Industrial based production environments for more than 8 years and has helped implement, train, and service Civil 3D in many Civil Engineering companies in the immediate Southeast region of the country.

*It is not the intent to change the configuration of the Project Team during the duration of the contract.
Repro Products' Civil 3D Project Team personnel subject to change without notice based on situations outside of our control.

RPI Initials: BH
Cust Initials: Item # 2



Repro Products, Inc.
4485 Atlanta Road
Smyrna, Ga. 30080

TASK 1 - Process Assessment for Civil Engineering Group – 2 Day(s)

Repro Products will use on-site interviews to conduct a Process Assessment to evaluate Customer current work flows, processes and challenges. During the Process Assessment, Repro Products will gather the necessary information to evaluate the customer's use of existing CAD software and productivity. The Assessment will then be analyzed to determine the best possible strategy for an Autodesk Civil 3D implementation that will increase both the efficiency and productivity of the CAD technicians and engineers. An implementation strategy will then be determined for the customer. A follow up meeting/conference call will then be scheduled to debrief on the findings of said assessment and to discuss the implementation strategy for moving forward.

Resources:

- Autodesk Civil 3D 2006 & 2007 Implementation **Certified Expert**

RPI Initials: JBH
Cust Initials: Item # 2



Repro Products, Inc.
4485 Atlanta Road
Smyrna, Ga. 30080

TASK 2 – Style Configuration for Civil Engineering Group – 10 Day(s)

A Repro Products consultant will work with Customer's CAD management team to determine the current configuration and use of CAD standards. Repro Products will review a typical set of construction documents to determine the styles and templates that are necessary to complete a typical set of plans. Repro Products will meet with the Engineering Department to discuss proposed configurations and to obtain approval so as to create the following deliverables. Styles will be limited to the Engineering and Survey Group.

Deliverables:

1. **Template Creation:** RPI will create templates for Civil 3D and can include the following items per the clients request:
Layers, linetypes, lineweights, hatch patterns, text styles, dimension styles, layout tabs, company title blocks.
2. **Civil 3D Styles:** RPI will create the styles and command settings as per the table listed in APPENDIX A.
3. **Style Development** to be integrated into Template File(s)
4. **Plotter Configuration(s):** RPI will verify that the completed installation of Civil 3D can communicate with the current client plotter and successfully plot from Civil 3D.

Resources:

- Autodesk Civil 3D 2006 & 2007 Implementation Certified Expert
And/Or
- Autodesk Civil 3D Implementation Support Specialist

Customer Responsibilities:

The customer is responsible to insure that all analog and digital files are successfully delivered and received by the Repro Products Application Engineer. Please note: The requested assets are time sensitive in nature and should be treated as a top priority for the customer.

- Customer to provide a hardcopy set of typical construction documents
- Customer to provide a digital set of said construction documents
- Customer to provide a digital copy of all DWT template files
- Customer to provide a digital copy of all Plotter Configuration (PC3) files
- Customer to provide a digital copy of all Plot Style (CTB/STB) files
- Customer may be asked and will be expected to supply additional information as the discovery process unfolds

General Customer Concessions: (INCLUDED AS PART OF THIS CONTRACT)

- Tool Palettes and Sheet Set Manager are powerful productivity tools and are highly recommended, however they are not part of this contract and will not be configured unless otherwise specified in this contract.
- The use of Page Setups is highly recommended for successful plotting; however they are not part of this contract and will not be configured unless specified in this contract.

RPI Initials: JPH
Cust Initials: Item # 2



Repro Products, Inc.
4485 Atlanta Road
Smyrna, Ga. 30080

TASK 3 – Integration, Configuration & Set-Up – 1 Day(s)

A Repro Products consultant will be installing Autodesk Civil and Platform Products version 2008 on no more than 6 CAD Workstations. Prior to installing software the consultant will work with Customer's dedicated I.T. personnel to recommend standard file locations, folder names, directory structures and procedures for pushing the software solution out to client workstations. In addition to the installation, plotter connectivity and testing will be done on all 6 CAD Workstations.

The focus for the installation is as follows:

- Standard installation across all machines
- Standard project storage on server
- Standard plotting functionality

Deliverables:

- Custom Deliverables to be Integrated into shared Network Resources
- Training Data and Materials to be Pre-Loaded onto Workstations
- Software Installation of Civil 3D version 2008
- Current Service Packs & Hotfixes (if applicable)
- Express Tools

Resources:

- Autodesk Civil 3D 2006 & 2007 Implementation Certified Expert

Customer Responsibilities:

6 CAD Workstations to run Autodesk Civil 3D: Recommended Configuration

(Excluding server components that are used with Project Management capabilities) for with the following recommended configuration:

- Operating System: Microsoft® Windows® XP Professional or Home Edition, w/SP2 loaded and operational
- Processor: Intel® Pentium® IV processor, 3 GHz or higher
- Minimum 2 GB of RAM
- Free Disk Space: 5 GB for installation
- Video: 1280x1024 video display with true color
- Graphics: OpenGL-capable, workstation-class graphics card or DirectX® 9 support
- Pointing Device: Mouse, trackball, or compatible pointing device
- Browser: Microsoft Internet Explorer 6.0 (SP1 or later)

RPI Initials: JRH
Cust Initials: Item # 2



Repro Products, Inc.
4485 Atlanta Road
Smyrna, Ga. 30080

TASK 4 – Product Training (Solution Series) – 5 Day(s)

Repro will provide targeted product training. This training will be delivered in English and using the predefined templates, styles and office standards.

Deliverables:

- **One (1) day(s) of Product Training on Civil 3D: Designing Intersections & Cul de Sacs Autodesk Official Training Courseware (AOTC)**
- **Two (2) day(s) of Product Training on Civil 3D: Survey (Ascent Courseware)**
- **Two (2) day(s) of Product Training on Civil 3D: Corridors (Ascent Courseware)**
- **Certificates of Completion** for students attending and completing course
- **40 Continuing Educational Units** per Student (1 credit hour given per hour of training)

Resources:

- Autodesk Implementation Certified Expert (Dale Kruelle)
- Mobile Training Lab - Repro will provide all appropriate hardware for the training meeting minimum systems requirements for Civil 3D for up to 6 students
- Repro will provide all appropriate hardware for the training meeting minimum systems requirements for Civil 3D

Customer Responsibilities:

- Training will be delivered for a maximum of 6 trainees
- Customer is responsible for making sure all students attend training. If attendance is less than number of students listed above, additional training courses and/or refunds will not be granted.
- Customer responsible for securing appropriate location for training class, meeting minimum electricity and internet access needs for 7 workstations.

Autodesk Official Training Courseware (AOTC):

- 6 copies of **Civil 3D: Designing Intersections & Cul de Sacs Courseware**. Additional copies can be purchased for \$50 each.
- 6 copies of **Civil 3D: Survey (Ascent Courseware)**. Additional copies can be purchased for \$50 each.
- 6 copies of **Civil 3D: Corridors (Ascent Courseware)**. Additional copies can be purchased for \$50 each.

RPI Initials: JRH
Cust Initials: Item # 2



Repro Products, Inc.
4485 Atlanta Road
Smyrna, Ga. 30080

TASK 5 – Style Configuration Training – 1 Day(s)

Repro will provide targeted Style Configuration training. This training will be delivered in English. This class will geared towards training key personnel with the knowledge of Civil 3D Style Creation and Manipulation.

Deliverables:

- One (1) day(s) of Style Configuration and Manipulation Training for Autodesk Civil 3D 2008. This will be a custom training class targeted at Advanced Level Users

Resources:

- Autodesk Implementation Certified Expert (Dale Kruelle)
- Mobile Training Lab - Repro will provide all appropriate hardware for the training meeting minimum systems requirements for Civil 3D for up to 4 students
- Repro will provide all appropriate hardware for the training meeting minimum systems requirements for Civil 3D

Customer Responsibilities:

- Training will be delivered for a maximum of 4 trainees
- Customer is responsible for making sure all students attend training. If attendance is less than number of students listed above, additional training courses and/or refunds will not be granted.
- Customer responsible for securing appropriate location for training class, meeting minimum electricity and internet access needs for 5 workstations.

General Customer Concessions:

- The Customer understands that modifying Civil 3D Styles could result in a Corruption of the Style Development that occurred during Task #2 and **MANY** users will be adversely affected downstream if such corruption occurs

General Warnings:

- Repro Products does not advise that a large amount of employees be armed with the knowledge of Style Manipulation
- Repro Products is not responsible for changes in styles after the completion of this contract
- Services related to style repair pursuant of style corruption by Customer will result in additional Task Orders
- Repro Products recommends using professional services for all Style Development and Manipulation should the need arise

RPI Initials: JH
Cust Initials: Item # 2



Repro Products, Inc.
4485 Atlanta Road
Smyrna, Ga. 30080

TASK 6 – Mentoring – 12 Day(s)

The Implementation Certified Expert will be working closely with project team members on a live Pilot Project to provide over the shoulder technical support, training and leadership. The mentoring phase will focus on providing best practices related to current projects and future projects. Some of this mentoring can be presented in lecture style meetings.

All Mentoring Days will be On-Site in the Customers Office located in Augusta, Ga.

Deliverables:

- Twelve (12) day(s) delivered at (1) one day per month of Best Practice Mentoring
- Hands-On Civil 3D Pilot Project Process

Resources:

- Autodesk Civil 3D 2006 & 2007 Implementation Certified Expert

Customer Responsibilities:

- Any questions, data sets, drawing files relative to the scheduled Mentoring visit should be determined and available to the Application Engineer no less than 5 business days prior to the engagement.

General Concessions:

- The customer understands that without a solid mentoring program their contract classification moves down from an Implementation to Integration. True implementation is ONLY achieved through mentoring, adoption and understanding of new software process.
- The customer understands that the opportunity for their successful transition from Land Desktop and Civil Design to Civil 3D greatly diminishes based without the assistance of an On-Site ICE Application Engineer. Direct Consultation with an On-Site Expert has been proven to yield faster ROI's * than without.
- All per day schedules are based on a **First Come, First Served** basis.
- It is recommended that Mentoring be scheduled at the point of executing the contract to provide the proper flow and scheduling of the Civil 3D Implementation.

*ROI's are unique to every customer and Implementation situation and are subject to chance. Mentoring WILL reduce the adoption rate of the software and result in smaller ROI.

Schedule

The exact dates for this engagement will be confirmed after the Task Order is signed. Repro Products will work with customer to perform the work on a mutually agreed schedule. The **estimated** schedule is for work to be started and completed between June 1, 2008 and May 31, 2009. The addition of or reconfiguration of Mentoring Days could change the end date of the contract.

RPI Initials: JRH
Cust Initials: Item # 2



Repro Products, Inc.
4485 Atlanta Road
Smyrna, Ga. 30080

TASK 7 – Post Engagement Service Contract– 12 Month(s)

Our Autodesk Certified Application Engineers will be working closely with your project team members to provide over the shoulder technical support, training and leadership. The post service engagement phase will focus on providing best practices related to current errors and technical support issues. Some of this support may be presented with Internet Based Solutions.

Deliverables:

- *Twelve (12) month(s) or *Twenty (10) Hour(s) Civil 3D Implementation Support Contract
 - Telephone, Email and Internet Based Solution Technical Service Included
 - Live**, Hands-On Civil 3D Technicians
- *whichever comes first
**there are NO instant phone technicians available

Resources:

- Autodesk Civil 3D 2006, 2007 or 2008 Implementation Certified Expert And/Or
- Autodesk Civil 3D Implementation Support Specialist

SERVICES, TERMS AND CONDITIONS:

1. Repro Products commits to the following services:

- A. To provide contract holders with Telephone, Internet Based Solution i.e. Web Ex, Support Coverage for 10 hours or one year, whichever comes first. Contract expires 1 year from the signed date of this Task Order #1.
- B. To log all support calls immediately and respond sequentially within four hours or less.
- C. To work as a Liaison with Autodesk if necessary in regards to your issues.
- D. To pursue all support issues until a satisfactory resolution has been reached.

2. Client will agree to the following:

- A. To be willing to work with Support staff and Applications Engineers to attempt various Solution options.
- B. Understands that we DO NOT offer Instant Phone Support.
- C. Understands that service work is distributed from a queue and all technical support requests must be submitted via telephone (678-486-3171), internet <http://www.reproproducts.com/onlineSupport.asp> or email (support@reproproducts.com). All logged issues will be addressed by the appropriate technician.
- D. To seek to have current and new users trained in the particular application.
- E. All software and hardware warranties remain the sole responsibility of the client.
- F. Repro Products is not responsible for any damage, including loss of data, lost profits or incidental, consequential or indirect damages arising from the use of products or services from Repro Products.
- G. All post engagement technical support is based on a **First Come, First Served** basis.

3. The Technical Support Agreement includes the following provisions:

- A. Telephone, email and internet access to Technical Support for problem resolution, 8:30am-5:00pm Eastern Time, Monday-Friday, except legal holidays. Support calls will be assessed in 15 minute increments against allocated time.
- B. Customer understands that problems related to networking infrastructure, system hardware or unsupported third party software is not covered by this agreement.
- C. Customer understands that all software has limitations and users may experience technical support difficulties that may only be addressed through an Autodesk Service Pack or Upgraded Software Version.
- D. On-site Technical Support is available if necessary. On-site Support is subject to separate billing per current Repro Products Rate Schedules for travel and labor.
- E. On-site Support is not covered by this agreement.
- F. This Contract does not cover Autodesk Vault. The Autodesk Vault Product is considered a separate phase and Implementation Process.

RPI Initials: JH
Cust Initials: Item # 2



Repro Products, Inc.
4485 Atlanta Road
Smyrna, Ga. 30080

Pricing

The total fixed fee for completing the remaining Task in this Task Order #1 is **\$49,895**. This proposal is binding for 90 day(s) from the date of this task order. *

- All per day schedules are based on a **First Come, First Served** basis.
- It is recommended that Mentoring be scheduled at the point of executing the contract to provide the proper flow and scheduling of the Civil 3D Implementation.
- The customer understands that his workflow may be jeopardized while another contract is crafted, executed and the appropriate Application Engineer is scheduled.
- Alternate resources may be utilized for execution during Per Day Mentoring.

Pricing for change orders

Should customer desire to modify the scope of work after the project contract has been signed and the work authorized, written change orders will be developed and executed by both parties. Prior to customer's issuance of change orders, the Repro Products team will provide a detailed description of work to be completed, labor and duration. Customer will authorize the change order via a written notification prior to the Repro team initiating any work.

General Customer Responsibilities:

1. Customer will name a dedicated Project Manager to be the primary Repro Products contact.
2. Customer is responsible for scheduling and arranging for full attendance by appropriate personnel.
3. Customer will forward any documents or other requested information related to the background of the project.

Expenses:

- Repro Products will incur travel and living expenses during the course of this Task Order as outlined above. These costs are defined as normal and customary lodging, parking, and transportation to and from customer's office, meals, and mileage.
- Customer agrees to reimburse Repro Products for travel and living expenses associated with Repro Products associated on-site activities. All travel and living expenses will be invoiced **AT COST AND NOT TO EXCEED \$200 PER DAY**. Customer will only be billed for actual expenses related to the proposed effort.
- Customer agrees to reimburse Repro Products for Shipping Cost associated with Repro Products associated on-site activities. Shipping Cost will be incurred if the Customer chooses to utilize the Mobile Training Lab. Actual Shipping Cost will be calculated after class sizes and locations are determined.

RPI Initials: Jeh
Cust Initials: Item # 2



Repro Products, Inc.
4485 Atlanta Road
Smyrna, Ga. 30080

Procurement Options:

Approved Payment options:

Full Payment

- 100% at contract signing (day 0) (with approved net 30 account)

0-30-60

- 40% due at contract signing (day 0)
- 30% due on day 30
- 30% due on day 60

Optional Payment option:

Key Equipment Finance

- 12 month Lease (based on approval from Key)

References:

PBS&J

Rusty Richardson
(770) 933-0280
5665 New Northside Drive NW
Suite 400
Atlanta, Ga.
30328

Statewide Engineering

Scott Skinner
(912) 384-7723
516 East Ashley Street
Douglas, Ga.
31533-0018

Omni Consulting

Scott Bodkin
678-300-9682
315 Castlewood Rd.
Tyrone, Ga.
30290

RPI Initials: JPH
Cust Initials: Item # 2



Repro Products, Inc.
4485 Atlanta Road
Smyrna, Ga. 30080

Task Order Acceptance:

Each of the parties has caused this Task Order to be executed and does hereby warrant and represent that its respective signatory whose signature appears below has been and is on the date set forth above duly authorized by all necessary and appropriate corporate action to execute and make binding this Task Order.

During the term of this Task Order and for a period of twelve (12) months after the termination of this Task Order in any manner, neither party to this Task Order will, without express written consent of the other party, (1.) solicit employees of the other party to leave employment with such other party or otherwise terminate employment or (2.) hire any of the other party's employees. Further, the Customer during the term of this Task Order shall not solicit or encourage any other person or company to (a.) hire the employees of RPI or (b.) encourage the employees of RPI to leave employment with RPI for the purpose of such other person or company entering into an agreement with Customer to provide services similar to the Services provided by RPI under this Task Order.

Repro Products, Inc.

Signature

Title

Printed Name

Date

Augusta-Richmond County

Signature

Title

Printed Name

Date

Contract Instructions:

To accept this contract, please:

1. Print two (2) copies of this Task Order
2. Sign Both Copies (preferably in blue ink)
3. Generate a Purchase Order
4. Overnight **ALL PAGES** of documents to the following address:

Repro Products Inc.

Attn: Ray Howard
4485 Atlanta Road
Smyrna, Ga. 30080
Attn: Ray Howard
404-862-0853

5. One fully executed copy will be sent to the customer at the following address:

Augusta-Richmond County

Geri A. Sams
Procurement Department
530 Greene Street, Room 605
Augusta, Ga. 30901

RPI Initials: JBH
Cust Initials: Item # 2



Repro Products, Inc.
4485 Atlanta Road
Smyrna, Ga. 30080

APPENDIX A

Description	Included	NOT Included	Description	Included	NOT Included
General	X		Sample Line	X	
Multipurpose Styles	X		Sample Line Styles	X	
Label Styles	X		Label Styles	X	
Commands	X		Commands	X	
Point	X		Section	X	
User-Defined property Classifications		X	Section Styles	X	
Point Styles	X		Label Styles	X	
Label Styles	X		Section View	X	
Point File Formats	X		Section View Styles	X	
Description Key Sets	X		Group Plot Styles	X	
External Data References		X	Sheet Styles	X	
Table Styles	X		Label Styles	X	
Commands	X		Band Styles	X	
Surface	X		Commands	X	
Surface Styles	X		Pipe Network	X	
Label Styles	X		Part Lists	X	
Table Styles	X		Interference Styles	X	
Commands	X		Commands	X	
Parcel	X		Pipe	X	
User-Defined property Classifications		X	Pipe Styles	X	
Parcel Styles	X		Pipe Rule Set	X	
Label Styles	X		Label Styles	X	
Table Styles	X		Structure	X	
Commands	X		Structure Styles	X	
Grading	X		Structure Rule Set	X	
Grading Styles	X		Label Styles	X	
Grading Criteria Sets	X		Corridor	X	
Commands	X		Corridor Styles	X	
Alignments	X		Commands	X	
Alignment Styles	X		Assembly	X	
Label Styles	X		Assembly Styles	X	
Table Styles	X		Commands	X	
Commands	X		Subassembly	X	
Profile	X		Commands	X	
Profile Styles	X		Quantity Takeoff	X	
Label Styles	X		Quantity Takeoff Criteria	X	
Commands	X		Table Styles	X	
Profile View	X		Commands	X	
Profile View Styles	X		Survey	X	
Label Styles	X		Network Styles	X	
Band Styles	X		Figure Styles	X	
Commands	X				

RPI Initials: REH
Cust Initials: Item # 2



Repro Products, Inc.
4485 Atlanta Road
Smyrna, Ga. 30080

Task Order #1
Augusta-Richmond County
SERVICES TYPE: Integration, Configuration & Training

Pricing

The total fixed fee for completing the remaining Task in this Task Order #1 is **\$49,895**. This proposal is binding for 90 day(s) from the date of this task order. *

- All per day schedules are based on a **First Come, First Served** basis.
- It is recommended that Mentoring be scheduled at the point of executing the contract to provide the proper flow and scheduling of the Civil 3D Implementation.
- The customer understands that his workflow may be jeopardized while another contract is crafted, executed and the appropriate Application Engineer is scheduled.
- Alternate resources may be utilized for execution during Per Day Mentoring.

Pricing for change orders

Should customer desire to modify the scope of work after the project contract has been signed and the work authorized, written change orders will be developed and executed by both parties. Prior to customer's issuance of change orders, the Repro Products team will provide a detailed description of work to be completed, labor and duration. Customer will authorize the change order via a written notification prior to the Repro team initiating any work.

General Customer Responsibilities:

1. Customer will name a dedicated Project Manager to be the primary Repro Products contact.
2. Customer is responsible for scheduling and arranging for full attendance by appropriate personnel.
3. Customer will forward any documents or other requested information related to the background of the project.

Expenses:

- Repro Products will incur travel and living expenses during the course of this Task Order as outlined above. These costs are defined as normal and customary lodging, parking, and transportation to and from customer's office, meals, and mileage.
- Customer agrees to reimburse Repro Products for travel and living expenses associated with Repro Products associated on-site activities. All travel and living expenses will be invoiced **AT COST AND NOT TO EXCEED \$200 PER DAY**, and will be documented by Repro Products and submitted to Customer upon completion of the services outlined herein. Customer will only be billed for actual expenses related to the proposed effort.
- Customer agrees to reimburse Repro Products for Shipping Cost associated with Repro Products associated on-site activities. Shipping Cost will be incurred if the Customer chooses to utilize the Mobile Training Lab. Actual Shipping Cost will be calculated after class sizes and locations are determined.

RPI Initials: _____
Cust Initials: _____
Item # 2



Repro Products, Inc.
4485 Atlanta Road
Smyrna, Ga. 30080

Procurement Options:

Approved Payment options:

Full Payment

- 100% at contract signing (day 0) (with approved net 30 account)

0-30-60

- 40% due at contract signing (day 0)
- 30% due on day 30
- 30% due on day 60

Optional Payment option:

Key Equipment Finance

- 12 month Lease (based on approval from Key)

RPI Initials: _____
Cust Initials: _____

~~Item # 2~~



**Engineering Services Committee Meeting
7/7/2008 1:00 PM**

Approve Funds to complete a 12" water line through Fairington subdivision to serve additional growth along Tobacco and Windsor Spring Rds.

Department: Utilities

Caption: Approve funds to complete a 12" water line through Fairington subdivision to serve additional growth along Tobacco and Windsor Spring Rds.

Background: In February, 2007, AUD and Nordahl Homes entered into a cost-sharing agreement to provide water service to developing neighborhoods along Windsor Spring and Tobacco Rds. This agreement provided for AUD to pay the cost difference for material and labor between an 8" waterline and a 12" waterline. This allowed for AUD to meet the rapidly growing demand in that corridor while incurring reduced costs to meet that demand. The original funding of \$64, 989.00 provided the first phase, and AUD let a separate project to construct the line through Fairington neighborhood. Subsequently Nordahl Homes properties were purchased by Beazley Homes, and their contractor has completed the final section of line. AUD has approximately \$1.25 million in funding in the Windsor Spring Rd splost account to construct a 12" waterline and improve a sewerline in the right-of-way when This entire waterline section was completed for approximately \$425,000.00, and the remaining funds in the account can be used to extend the sewerline during the GDOT project.

Analysis: AUD has reviewed the proposed pricing and found it to be consistent with the average pricing information that AUD retains for bid analysis. The items are within 10% of the average price for all projects.

Financial Impact: AUD had approximately \$1.25 million in funding in the Windsor Spring Rd splost account to construct a 12" waterline and improve a sewerline in the right-of-way when

Windsor Spring Rd is widened. This entire waterline section was completed for approximately \$425,000.00, and the remaining funds in the account can be used to extend the sewerline during the GDOT project. Approximately \$20,428.00 from the SPLOST Fund, under account number 324-04-3510/202634766 would be used to pay for the construction of this phase of the water line.

Alternatives: There is no alternative.

Recommendation: Approve Funds to complete a 12" water line through Fairington subdivision to serve additional growth along Tobacco and Windsor Spring Rds.

Funds are Available in the Following Accounts: Approximately \$20,428.00 from the SPLOST Fund, under account number 324-04-3510/202634766 would be used to pay for the construction of this phase of the water line.

REVIEWED AND APPROVED BY:

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



**Engineering Services Committee Meeting
7/7/2008 1:00 PM
Architect for the TEE Center Project**

Department: Administrator's Office

Caption: Motion to approve a contract with the architect for the TEE Center project.

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
7/7/2008 1:00 PM
Arterial Street Lights Resolution**

Department: Clerk of Commission

Caption: Motion to approve a Resolution to provide for the installation of arterial street lights for the New Savannah Road; and the assessment of the annual cost of maintaining and operating said street lights; to provide for the method and manner for funding of said arterial street lights, 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

RESOLUTION

A RESOLUTION TO PROVIDE FOR THE INSTALLATION OF ARTERIAL STREET LIGHTS FOR THE NEW SAVANNAH ROAD; AND THE ASSESSMENT OF THE ANNUAL COST OF MAINTAINING AND OPERATING SAID STREET LIGHTS; TO PROVIDE FOR THE METHOD AND MANNER FOR FUNDING OF SAID ARTERIAL STREET LIGHTS, AND FOR OTHER PURPOSES.

WHEREAS, the provisions of 1970 Ga. L., p 1097, gives the Augusta-Richmond County Commission constitutional authorization to erect, establish, maintain and operate street lights within the county;

WHEREAS, pursuant to the AUGUSTA, GA CODE §7-3-1 *et seq.* further empowers the Augusta-Richmond County Commission to establish street light districts;

WHEREAS, the Augusta-Richmond County Commission resolved to provide funding for the Arterial and Interstate Light Program through a millage rate to be levied county-wide with a credit for such cost to be applied to the Urban Tax Districts;

WHEREAS, it is the Augusta-Richmond County Commission's desire to provide the safest environment possible for its citizens on the public thoroughways and streets by building, erecting, establishing, and maintaining all street lights and lamps for the illumination of the same;

THE AUGUSTA-RICHMOND COUNTY COMMISSION hereby resolves, that there be created and established within the Augusta-Richmond County Arterial Street Light District No. 23, which is delineated on the county map system attached hereto; and

Section One: BE IT FURTHER RESOLVED that the boundaries of the district as enumerated on said map be established as shown and delineated on said map as full and complete, as if the full legal description of the courses, distances and boundaries of said district are fully set forth herein.

Section Two: IT IS ORDERED by the Augusta-Richmond County Commission that the costs associated with Arterial Street Light District No. ____ be founded by the millage currently levied county-wide, wish a credit for such costs to be applied to the Urban Tax District.

Adopted this ____ day of _____, 2008.

David S. Copenhaver
As its Mayor

Attest:

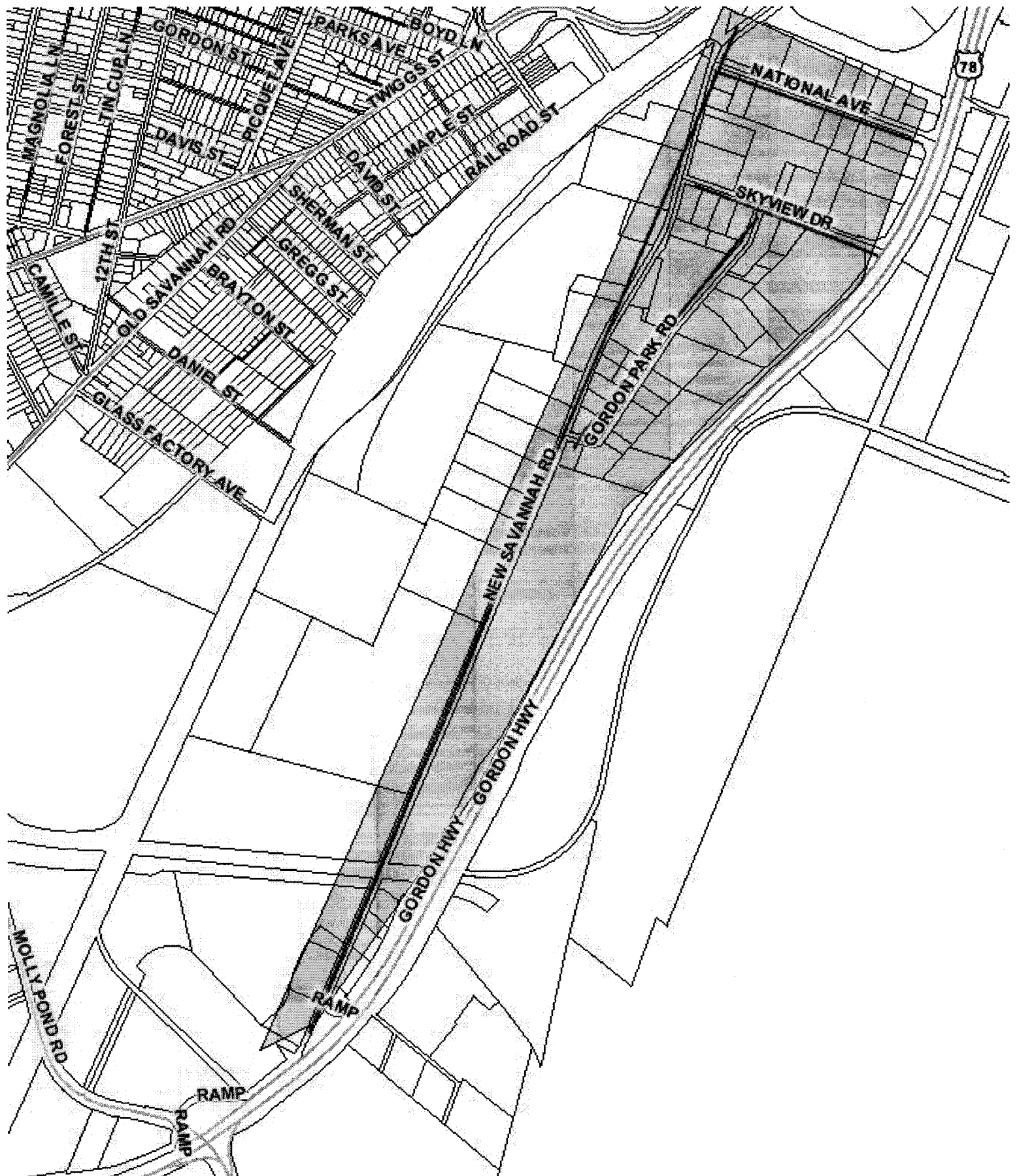
Lena J. Bonner, Clerk of Commission

Seal:

CERTIFICATION

The undersigned Clerk of Commission, Lena J. Bonner, hereby certifies that the foregoing Resolution was duly adopted by the Augusta-Richmond County Commission on _____, 2008 and that such Resolution 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 Resolution which was approved and adopted in the foregoing meeting(s).

Lena J. Bonner, Clerk of Commission





**Engineering Services Committee Meeting
7/7/2008 1:00 PM
Award Contract for Commissioning - New Judicial Center**

Department: Public Services - Facilities Management Division

Caption: Approve award of a contract with Total Systems Commissioning, Inc. for Building Commissioning Consulting in conjunction with the new Judicial Center in the amount of \$96,496.00.

Background: The architects for the new Judicial Center are presently in the design development stage, and the CM at Risk firm is also under contract. The Commissioning Consultant will develop and oversee an extensive quality assurance and testing program to govern the installation, start-up and interactive operation of engineered building systems, such as HVAC, fire alarm systems, security systems, and electrical systems.

Analysis: The recommended firm was chosen by the Selection Committee from a competitive process, via RFP 08-082. They are specialists in Building Commissioning and their fee is within budget. Commissioning services are recommended by the Georgia State Financing and Investment Commission for all State building projects costing in excess of \$2.5M. The County is expected to benefit through improved troubleshooting of systems during installation, start-up and operation, resulting in lower energy and maintenance costs over the life of the facility.

Financial Impact: The contract amount is \$96,496.00. Funds are available from SPLOST allocations for construction of the Judicial Center.

Alternatives: 1. Approve Award of a contract with Total Systems Commissioning, Inc. for Building Commissioning Consulting in conjunction with the new Judicial Center in the amount of \$96,496.00. 2. Contract with the second place firm. 3. Re-advertise 4. Do not utilize commissioning

Recommendation: #1. Approve Award of a contract with Total Systems Commissioning, Inc. for Building Commissioning Consulting in conjunction with the new Judicial Center in the amount of \$96,496.00.

Funds are Available in the Following Accounts: The contract amount is \$96,496.00. Funds are available from SPLOST allocations for construction of the Judicial Center.

REVIEWED AND APPROVED BY:

**Finance.
Administrator.
Clerk of Commission**

TECHNICAL EVALUATION FORM
RFQ #08-082; Building Commissioning Services
for Augusta Judicial Center

Cummulative Evaluation

	Responding Company	
	KLG Jones	TSC
Cummulative Score	85	86
		IPS
		64



**Engineering Services Committee Meeting
7/7/2008 1:00 PM**

Award Design Contract Modification for Doug Barnard Parkway Water Main

Department: Augusta Utilities Department

Caption: Approve award for additional design services in the amount of \$93,140.00 to W.R. Toole Engineers, Inc. (WRTE) in order to design a 16-inch Water Main extension to Old Savannah Rd from the current 24-inch water main design on Doug Barnard Parkway at the 90% stage of design.

Background: The Lumpkin Rd 20-inch Water Main Improvements project involves the design of 5,650 linear feet of 24-inch diameter ductile iron pipe from the HWY56 and Lumpkin Rd intersection to Doug Barnard intersection. Doug Barnard Parkway 24-inch Improvements project involves the design of 12,860 LF of 24-inch diameter ductile iron pipe along Doug Barnard Parkway, starting North of I-520 to the intersection of Gordon HWY. The design of both proposed 24-inch waterline is a transmission main that will allow the Augusta Utilities Department to supply surface water from the new N. Max Hicks Tobacco Road Water Treatment Plant into areas primarily served by the existing ground water system.

Analysis: The current design of the proposed 24-inch water main along Doug Barnard will require an extension of a 16-inch water main to tie to existing 16-inch water main on Old Savannah Rd. This will allow for the Hicks Water Treatment Plant to provide redundant feed to the downtown area. In addition, the design to extend an 8-inch water line for Boral Brick will complete the easement acquisition from Boral Brick. W.R. Toole Engineers, Inc. submitted two acceptable proposal for additional design fees to extend an 8-inch water line and a 16-inch water main from the 24-inch water main design which is currently at the 90% design phase. The staff of the utilities department has reviewed the proposal and recommend award of the additional design fees.

Financial Impact: The change order for this project is \$93,140.00. These funds are available from the following accounts:510043410-5212115/80210168-5212115

Alternatives: 1. Reject WRTE Proposal, which would delay the design of the project and the construction of the water main extension.
2. Approve WRTE Proposal for Additional Engineering Design Fee to complete the design of the two waterline projects.

Recommendation: It is recommended to award the Additional Design Fee to W.R. Toole Engineers, Inc. in the amount of \$93,140.00

Funds are Available in the Following Accounts: 510043410-5212115/80210168-5212115

REVIEWED AND APPROVED BY:

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



W R Toole Engineers, Inc.

Engineers * Consultants * Planners

March 13, 2008

Augusta Utilities Department
360 Bay Street, Suite 180
Augusta, GA 30901

ATTN: Mr. Justo Chacon

SUBJECT: Revised Proposal of Professional Services
Doug Barnard Water Main Improvements – Phase 3
TE Proposal No. P08-006

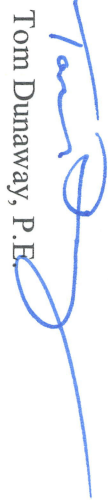
Mr. Chacon:

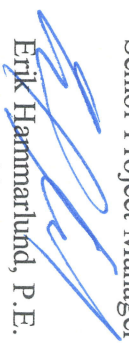
W. R. Toole Engineers appreciates this opportunity to submit the revised proposal for professional engineering services for the Doug Barnard Water Main Phase 3 Project. Per your request, services associated with the 60% design phase have been removed from the project. Specific tasks normally delivered at 60% phase, e.g., Contract Documents, Easement Maps and ES&PC plans, will be provided as part of the 90% phase submittal. Please find enclosed for your review an understanding of the required project scope and design issues, professional fee summary and man-hour estimate.

Again, thank you for the opportunity of providing you with this proposal.

Sincerely,

W. R. TOOLE ENGINEERS, INC.


Tom Dunaway, P.E.
Senior Project Manager


Erik Hammarlund, P.E.
Vice President

Attachments

DOUG BARNARD PARKWAY WATER MAIN PROJECT – PHASE III

Original Submittal: January 28, 2008

Revised: March 13, 2008¹

Project Limits:

The Phase III project will begin at the intersection of Gordon Highway and Doug Barnard Parkway. A 16-inch diameter water main will be connected to a 24-inch diameter main just northeast of the subject intersection. The main will be routed along the eastern right-of-way of Gordon Highway for approximately 850-feet. The new 16-inch main will be jacked or bored across Gordon Highway to the intersection of New Savannah Road. The new main will extend northeast along New Savannah Road, across Oates Creek, to near the FPL Food facility (formerly Shapiro Packing Co.). Connection to a recently installed 16-inch main will be made at this location.

Please reference the attached schematic.

Project Length:

The length of the project is approximately 2,200-feet.

Design Issues: The following services and design issues were considered for man-hour estimates.

- Coordination with AUD for connections at (1) Doug Barnard – Gordon Highway intersection and (2) New Savannah Road near FPL Foods.
- Evaluate pipe materials for new water main.
- Coordinate utility encroachment in right-of-way with Augusta, Georgia Engineering Department.
- Coordination required with Georgia Department of Transportation for utility permitting in R/W.
- Evaluate restrained joint and thrust restraint conditions.
- Coordination required with Army Corps of Engineers (USACE) for wetland impacts.²
- Coordination with Atlanta Gas Light Company/Southern Natural Gas for crossing of major gas mains.
- Coordination with Atlanta Gas Light Company/Southern Natural Gas for location of anode beds and potential conflicts with ductile iron water mains.
- Coordinate corrosion evaluation with DIPRA (Ductile Iron Pipe Research Association). W RTE understands that this service is provided by DIPRA at no charge for water mains 24-inch diameter and smaller.²
- Investigate alternative pipe materials in areas with anode beds or in areas with corrosive soils.
- Coordination with Georgia Power – Transmission / Distribution Departments.
- Easements could potentially impact 6-8 property owners.

- Coordinate a sub-surface investigation. Soil borings will be completed at 500-foot intervals and at jack or bore pit locations at depths up to 15 feet. The presence of groundwater and / or rock and specific utility construction concerns will be evaluated / addressed.
- Soil samples will be collected for any necessary corrosion engineering services.²

Deliverables: The following deliverables were considered for calculation of direct costs and fee estimates:

- 30% Preliminary Plans – 8 Sets
- Sub-surface investigation report.
- 90% Plans – 10 Sets (Including erosion control plans, compiled easement maps, technical specifications and contract documents)
- 100% Final Documents – 10 Sets; 3 of 10 sets (including 3 sets of technical specifications / Contract Documents) will be allocated for Augusta Procurement. Additionally, 2 sets will be allocated for EPD submittal.

NOTE: 1 set of pdf plans, specifications and Contract Documents will be sent to the local reproduction office at the direction of AUD.

Anticipated Services and Specific Tasks: The following services are anticipated and specific tasks/meetings are noted:

- Facilitate a Concept Development / Scoping Meeting. This meeting will review the proposed scope of work, probable alignment corridor, and tie-in locations. W RTE will document and distribute meeting minutes.
- Complete survey of project corridor and prepare base map. Survey corridor will be approximately 40-feet wide except at jack or bore and tie-in locations, where additional detail will be provided.
- Delineate wetlands and incorporate location into base map. Request jurisdictional verification from US Army Corps of Engineers.²
- Complete 30% Preliminary Plans and attend 30% Review Meeting.
- Initiate and maintain communication with utilities and permitting agencies.
- Complete sub-surface investigation along project centerline.
- Initiate corrosion investigation with DIPRA, as necessary, based on field reconnaissance, coordination with utility companies, sub-surface soil investigations.²
- Complete technical specifications and Contract Documents.
- Submit permit application(s) to respective review agencies.
- Complete 90% Plans and attend 90% Review Meeting.
- Provide one-time staking of proposed alignment.
- Secure all permits for construction.
- Complete 100% Final Plans and Specifications.
- Assist with Contractor pre-qualification, as necessary.
- Attend mandatory Pre-Bid Meeting.

- Attend Bid Opening.
- Review bids and Prepare bid recommendation and conformed documents.
- Complete one-time erosion control inspection per NPDES requirements.
- Provide Construction Surveillance (Engineer periodically visits site to observe construction status). WRTE assumed four (4) site visits during construction for the purposes of man-hour estimates.
- Attend bi-weekly meetings or as requested by AUD to track project progress.
- Compile and draft Record Drawings using AUD provided Contractor redline plans.

Anticipated Permits: The following permits are anticipated for construction:

- Approval of Plans by GDOT - Utility Encroachment Permit
- Approval of Plans by Augusta Engineering Department – Right of way Encroachment Permit
- Approval of Plans by Georgia Power – Encroachment Permit
- Approval of Plans by ACOE – Wetlands Nationwide Permit²
- Approval of Plans by GA EPD – Water System Extension

Professional Services: WRTE will provide all engineering services for this project with in-house personnel. Probable sub-consultant services will include surveying/base mapping, wetland delineation², environmental permitting² and soil testing.

Unforeseen Environmental Conditions (Corrosion Engineering)

WRTE will coordinate with the Ductile Iron Pipe Research Association (DIPRA) for field-testing to determine the need for corrosion or stray current mitigation. Currently, these services are free for ductile iron pipe with diameters less than 24-inch. However, should the DIPRA policy change or should there be a need for specific corrosion engineering services, WRTE will utilize the services of CORRPRO, Inc. (DIPRA recommended corrosion engineering services provider). A lump sum fee has been included in our proposal for these services, based on past experience with this issue. WRTE will not utilize these fees without submitting a separate fee proposal and receiving written authorization from AUD.

Professional Fees

WRTE proposes to provide our professional services on a lump sum fee basis. Our proposed fees are delineated into eight (8) tasks for project budgeting purposes (See Professional Fee Summary - next sheet). Should specific services not be required, e.g., Stream Buffer Variance or Corrosion Engineering services, WRTE will not invoice against that specific task. We understand that additional services, those not included in this scope of work, will be provided on an hourly rate basis or through a separate fee proposal.

References:

1. Sixty percent (60%) phase tasks removed at the request of Augusta Utilities Department. Specific tasks normally delivered at 60% phase, e.g., Contract Documents, Easement Maps and ES&PC plans, will be provided as part of the 90% phase submittal.
2. Services that will be provided only at the direction of Augusta Utilities Department. These services are included for information purposes only and do not imply that the services will be required for successful completion of the project.

Professional Fee Summary



W.R. Toole Engineers, Inc.

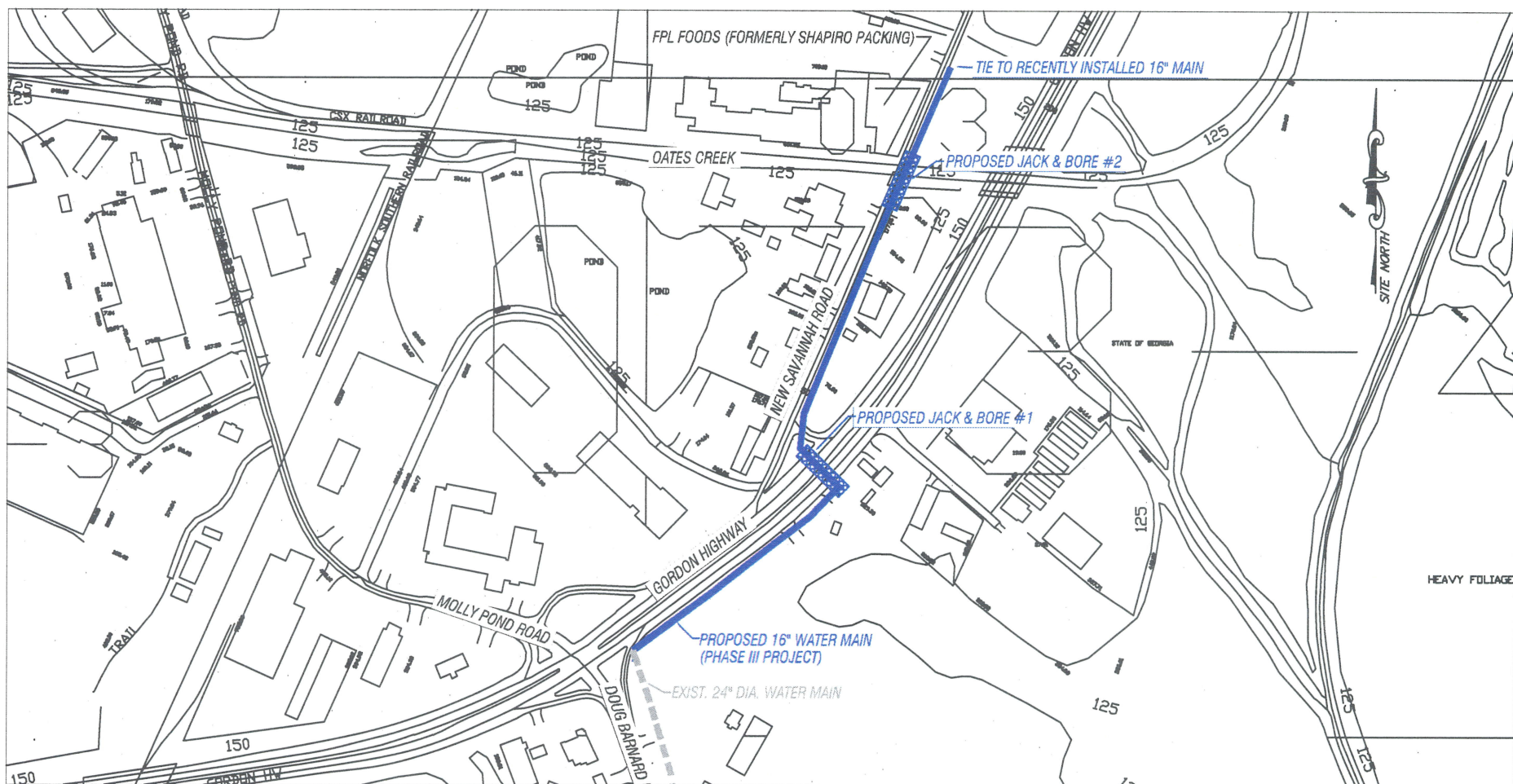
Augusta, Georgia Utilities Department -
Phase 3 - Doug Barnard Water Main Improvement Project

OPINION OF PROBABLE CONSTRUCTION COST		\$595,000.00	
Task	Description	Task Fee	Percentage of Construction Cost
1	Surveying / Basemapping	\$12,000.00	2.02%
2	Civil Engineering	\$38,600.00	6.49%
3	Geotechnical Services	\$4,040.00	0.68%
4	Construction Surveillance - Record Drawings	\$7,000.00	1.18%
5	Environmental Services - Wetland Delineation & Verification ¹	\$4,400.00	0.74%
6	Environmental Services - Corps of Engineers Nationwide Permit ¹	\$2,000.00	0.34%
7	Environmental Services - Stream Buffer Variance (Oates Creek) ¹	\$6,000.00	1.01%
8	Corrosion Engineering Services ¹	\$15,000.00	2.52%
1 - Potential services to be provided as determined during Project Development. W RTE will request AUD approval prior to providing any of the noted potential services.			
TOTALS		\$89,040.00	14.96%



Date: 3/14/2008
 Project: P08006
 Owner: AUD
 Doug Barnard
 Project Name: Phase 3
 County: Richmond

		Man-Hour Summary							
		Principal-In-Charge	Senior Engineer	Project Manager	Engineer	Engineering Technician	CAD Operator	Administrator	Total
Phase Description	Surveying	0	0	0	0	0	0	0	0
	Geotechnical	0	0	0	4	0	0	0	4
	Civil Engineering	0	0	93	180	0	215	4	492
	Environmental Services - Wetlands Delineation & Verification	0	0	0	0	0	0	0	0
	Environmental Services - Corps of Engineers NW Permitting*	0	0	0	12	0	20	0	32
	Environmental Services - Stream Buffer Variance*	0	0	0	0	0	0	0	0
	Corrosion Engineering Services*	0	0	0	0	0	0	0	0
	Construction Observation - Record Drawings	0	0	13	32	0	48	0	93
	* Potential services to be provided as determined during Project Development. WRTE will request AUD approval prior to providing any of the noted potential services.								
Totals		0	0	106	228	0	283	4	621



SHEET 1 OF 1



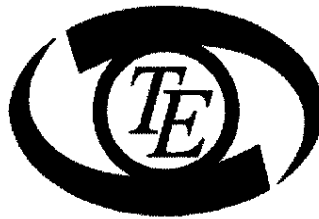
W R Toole Engineers, Inc.

1005 Broad St., Suite 200 • Augusta, Ga. 30901 • 706.722.4114 • www.wrtoole.com

Engineers • Consultants • Planners

DOUG BARNARD WATER MAIN
IMPROVEMENT PROJECT - PHASE III

NOT TO SCALE



W R Toole Engineers, Inc.

Engineers * Consultants * Planners

May 8, 2008

Augusta Utilities Department
360 Bay Street
Augusta, Georgia 30901

Reference: Doug Barnard Parkway Water Main Improvement Project – Boral Brick Fire Line
TE Proposal #P08039

Attention: Mr. Justo Chacon

Mr. Chacon:

WR Toole Engineers appreciates this opportunity to provide you with this proposal for professional engineering services associated with a proposed fire service line at the Boral Brick facility along Doug Barnard Parkway. Based on our recent field meeting, we understand the required scope of work includes the extension of 300-LF of 8-inch PVC water main into the Boral Facility for fire service purposes. The 8-inch water main will extend from the 24-inch main that is proposed as part of the Doug Barnard Parkway Water Main Installation Project – Phase I (Phase I) construction plans. We understand that the work subject to this proposal will be included as part of the Phase I construction plans.

Scope of Work

The scope of work will include field surveying, basemapping, civil engineering design, and easement map preparation. WRTE will update the Phase I construction plans to include the subject work.

Deliverables

WRTE will submit three plan sheets showing the proposed fire line extension. Additionally, WRTE will provide three (3) copies of the easement map for acquisition purposes.

Project Schedule

We will initiate field surveying services within five (5) days of your notice to proceed. Basemap updates should be completed five (5) days thereafter. Engineering design and easement map

1005 Broad Street, Suite 200, Augusta, GA 30901
phone – 706.722.4114 * fax - 706.722.6219 * www.wrtoole.com

Item # 7

preparation should be completed ten (10) days after receiving the basemap. A formal schedule will be submitted prior to initiating services.

Fee Schedule

WRTE proposes to complete the scope of work and provide the noted deliverables for a lump sum fee of \$4,100.

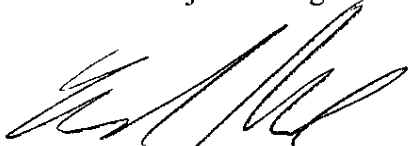
Again, we appreciate this opportunity to provide you with this proposal. We welcome the opportunity to discuss this proposal with you and will contact you during the week of May 12, 2008. In the interim, please feel free to contact our office with any questions.

Sincerely,

W.R. TOOLE ENGINEERS, INC.



Tom Dunaway, PE
Senior Project Manager



Erik Hammarlund, PE
Vice President



**Engineering Services Committee Meeting
7/7/2008 1:00 PM
Canal Improvements Update**

Department: Administrator's Office

Caption: Provide the Augusta-Richmond County Commission an update on the Third Level Canal improvements.

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
7/7/2008 1:00 PM**

Extension of lease for space in the Hatcher Building at 501 Greene Street

- Department:** Public Services - Facilities Management
- Caption:** Approve extension of the lease agreement between Augusta and MAU for space within the Hatcher Building located at 501 Greene Street for a period of 30 months. The new rate is proposed to be \$13.25 per SF for the duration of the extension. (Referred from June 9 Engineering Services)
- Background:** Plans for the Judicial Center are in progress with an anticipated completion in late 2010. Until then we need to continue to lease space for the District Attorney and other Departments located in the 500 building at the corner of 5th and Greene Street. The 30 month time frame will carry us through the middle of 2011 and allows for delays in construction of the Judicial Center. Annual costs for the various departments included are as listed on "Attachment 1". Lease terms are to remain unchanged.
- Analysis:** The SF rate of \$13.25 is competitive and reflects an increase of only 10% since the inception of the lease 7 years ago. This cost is set for the duration of the lease with no increase. There is no vacant property currently owned by Augusta that is suitable for use by these Departments. The cost of any relocation to other space at this time would be substantial for many reasons, not the least of which is the cost of data and communication access.
- Financial Impact:** The total annual cost for the leases is \$218,214.25 with the costs split between the Departments as noted on "Attachment 1". Funds are available under Object Code 52-24111 in the individual Department's budgets.
- Alternatives:** 1. Approve extension of the lease agreement between Augusta and MAU for space within the Hatcher Building located at 501 Greene Street for a period of 30 months. The

new rate is proposed to be \$13.25 per SF for the duration of the extension. 2. Do not approve the lease extension.

Recommendation:

#1. Approve extension of the lease agreement between Augusta and MAU for space within the Hatcher Building located at 501 Greene Street for a period of 30 months. The new rate is proposed to be \$13.25 per SF for the duration of the extension.

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

The total annual cost for the leases is \$218,214.25. Funds are available under Object Code 52-24111 in the individual Department's budgets.

REVIEWED AND APPROVED BY:

Clerk of Commission

Current Occupancy	Location	SF Utilized	Unit Cost	Annual Cost
District Attorney	4th Floor	10,000	\$13.25	\$132,500.00
DBE Coordinator	304	730	\$13.25	\$9,672.50
Public Services	307 & 301	1,920	\$13.25	\$25,440.00
SPLOST Program Manager	313	466	\$13.25	\$6,174.50
Soil Conservation	309 & 310	1,200	\$13.25	\$15,900.00
Augusta Cares	311 & 312	417	\$13.25	\$5,525.25
EEO	314	286	\$13.25	\$3,789.50
Law Office	302	1,450	\$13.25	\$19,212.50
TOTAL				\$218,214.25

12



**Engineering Services Committee Meeting
7/7/2008 1:00 PM**

Georgia Power Company Governmental Encroachment Agreements #30948, 31027 and 31028

Department: Augusta Utilities Department

Caption: Motion to approve Georgia Power Company Governmental Encroachment Agreements Nos. 30948, 31027 and 31028.

Background: The Augusta Utilities Department will be replacing a portion of the Butler Creek Sanitary Sewer trunk line. To reach this objective, construction must cross Georgia Power easements.

Analysis: Entering into an encroachment agreement with GPC will document the rights, obligations and responsibilities of all parties.

Financial Impact: None

Alternatives:

Recommendation: Approve the Georgia Power Company Governmental Encroachment Agreements Nos. 30948, 31027 and 31028.

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. # 6-2563

APPLICATION # 30948

SUBJECT: **GOSHEN-SOUTH AUGUSTA 230KV TRANSMISSION LINES RIGHT-OF-WAY**

The Georgia Power Company, hereinafter called the "Power Company," hereby consents **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 100' in width and extending in part through, **85TH** 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 **42" SANITARY SEWER** 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 AUGUST, 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 _____ day of _____, 20____.

WITNESS:

NOTARY PUBLIC:

UNDERSIGNED

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

GOVERNMENTAL ENCROACHMENT AGREEMENT FOR EASEMENT

L. F. # 6-2563

APPLICATION # 31027

SUBJECT: **GOSHEN-SOUTH AUGUSTA 230KV TRANSMISSION LINES RIGHT-OF-WAY**

The Georgia Power Company, hereinafter called the "Power Company," hereby consents **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 100' in width and extending in part through, **85TH** 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 **42" SANITARY SEWER** 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 AUGUST, 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 _____ day of _____, 20____.

WITNESS:

UNDERSIGNED

BY:

NOTARY PUBLIC:

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

PROPERTIES INFORMATION:

OWNER	TAX MAP	PARCEL	T.C.E. TO BE ACQUIRED	PERM. S.S. EASEMENT TO BE ACQUIRED
GEORGIA POWER COMPANY EASEMENT			1,580 SQ. FT., 0.04 ACRES	7,779 SQ. FT., 0.18 ACRES

Exhibit A
Governmental Encroachment Agreement for Easement

- T.C.E. TO BE ACQUIRED
- PERM. S.S. EASEMENT TO BE ACQUIRED
- EXISTING EASEMENT

NOTE: THIS EASEMENT MAP MAY NOT SHOW ALL EASEMENTS THAT ENCUMBER THIS PROPERTY.

EV-31027
Augusta, Georgia, a Political
Subdivision of the State of Georgia
Goshen-South Augusta 230 (Double Circuit)
Map N-275, sheet 6 of 13
Letter File 6-2563



— COMPILED EASEMENT MAP OF
GEORGIA POWER EASEMENT FOR —

AUGUSTA-RICHMOND
COUNTY COMMISSION

SHOWING PROPERTY LOCATED IN 85th G.M.D., IN AUGUSTA, GEORGIA.

RICHMOND COUNTY, GEORGIA

JUNE 20, 2007



— PREPARED BY —



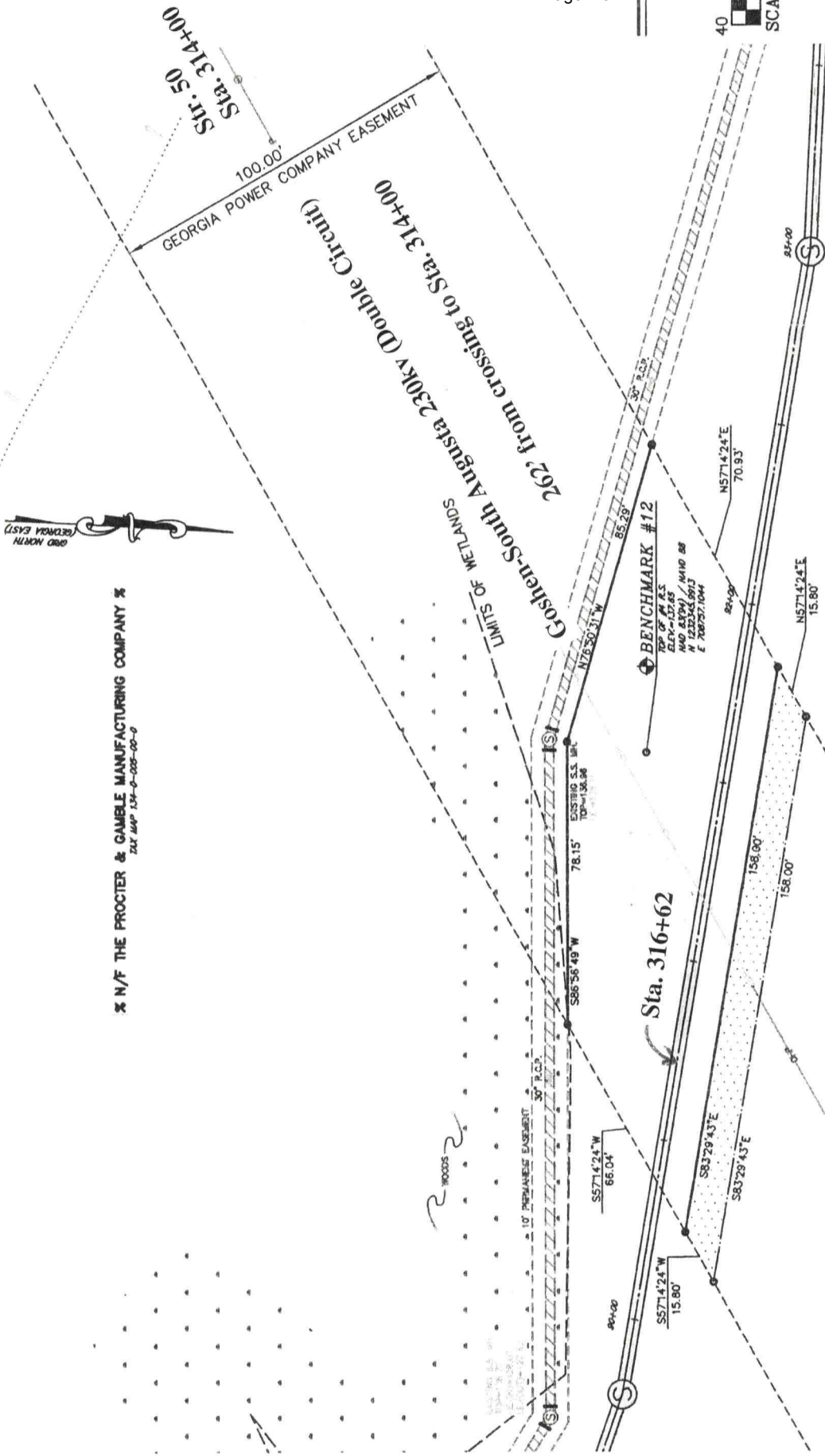
W R Toole Engineers, Inc.

349 Greene St. • Augusta, Ga. 30901 • 706.722.4114 • www.wrtoole.com

Engineers • Consultants • Planners

JOB #06009PERMIT.DWG TYJ

SHEET #1



Attachment number 4
Page 1 of 1

GOVERNMENTAL ENCROACHMENT AGREEMENT FOR EASEMENT

L. F. # 6-2030

APPLICATION # 31028

SUBJECT: **GOSHEN-WEST AUGUSTA 115KV TRANSMISSION LINES RIGHT-OF-WAY**

The Georgia Power Company, hereinafter called the "Power Company," hereby consents **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 175' in width and extending in part through, **123RD 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 **42" SANITARY SEWER** 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 AUGUST, 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:

NAME: _____

NOTARY PUBLIC: _____

TITLE: _____

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

GEORGIA POWER COMPANY

WITNESS:

BY:

NAME: Joe Cawley

NOTARY PUBLIC: _____

TITLE: Area Transmission Maintenance Supervisor

EXHIBIT "A" To Governmental Encroachment For Easement

PROPERTIES INFORMATION:

OWNER	TAX MAP	PARCEL	T.C.E. TO BE ACQUIRED	PERM. S.S. EASEMENT TO BE ACQUIRED
GEORGIA POWER COMPANY EASEMENT			1,921 SQ. FT., 0.04 ACRES	7,496 SQ. FT., 0.17 ACRES
ATLANTA GAS & LIGHT COMPANY			441 SQ. FT., 0.01 ACRES	1,910 SQ. FT., 0.04 ACRES

- T.C.E. TO BE ACQUIRED
- PERM. S.S. EASEMENT TO BE ACQUIRED
- EXISTING EASEMENT

NOTE: THIS EASEMENT MAP MAY NOT SHOW ALL EASEMENTS THAT ENCUMBER THIS PROPERTY.

EV-31028
Augusta, Georgia, a Political
Subdivision of the State of Georgia

Goshen-West Augusta 115kv
Map L-437, Sheet 8 of 20
123rd GMD Richmond County



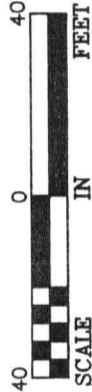
— COMPILED EASEMENT MAP OF
GEORGIA POWER EASEMENT FOR —

AUGUSTA-RICHMOND
COUNTY COMMISSION

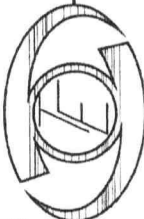
SHOWING PROPERTY LOCATED IN 85th G.M.D., IN AUGUSTA, GEORGIA..

RICHMOND COUNTY, GEORGIA

JUNE 20, 2007



— PREPARED BY —



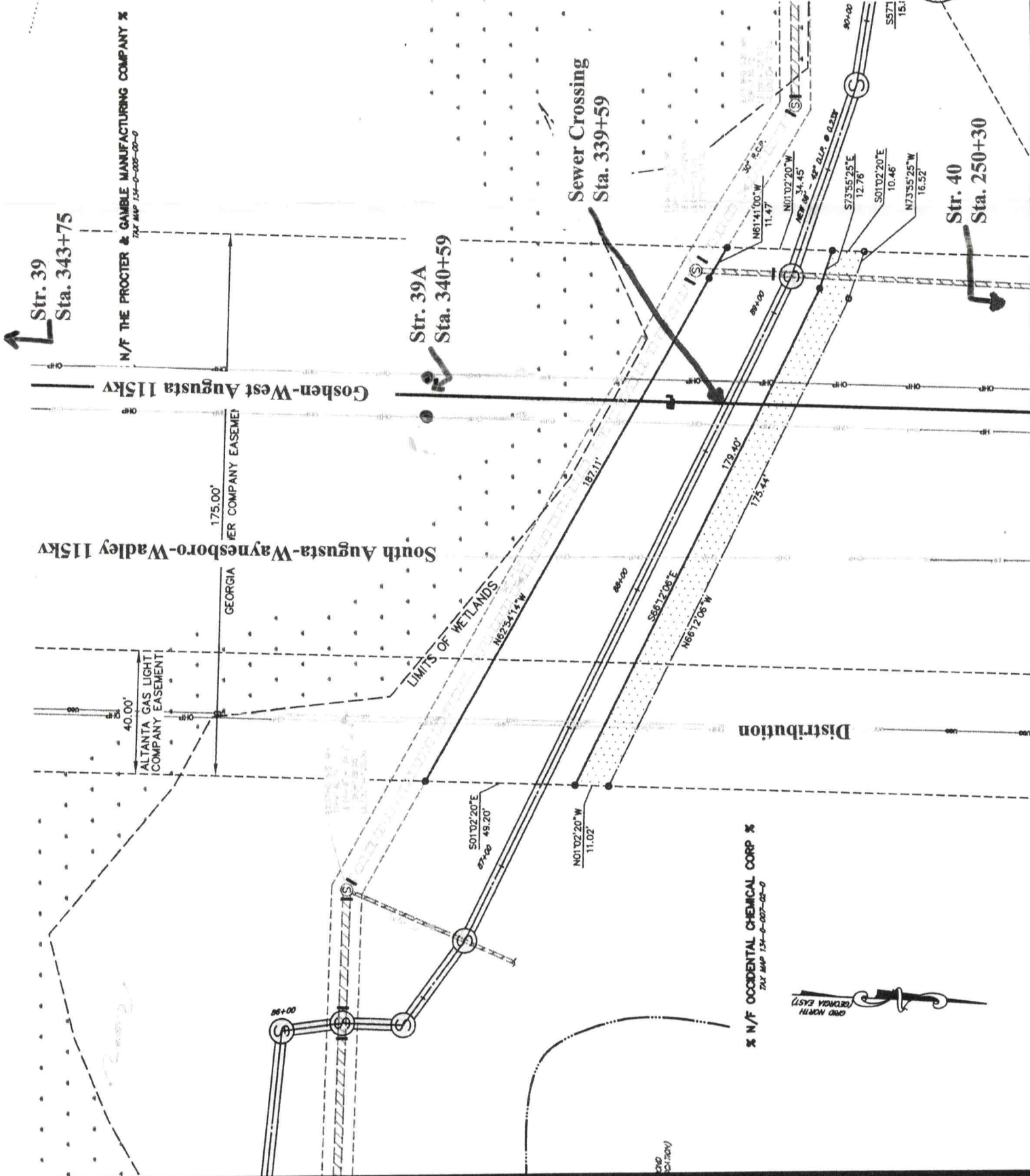
WR Toole Engineers, Inc.

349 Greene St. • Augusta, Ga. 30901 • 706.722.4114 • www.wrtoole.com

Engineers • Consultants • Planners

JOB #06009PERMIT.DWG TYJ

SHEET #1



Attachment number 6
Page 1 of 1



**Engineering Services Committee Meeting
7/7/2008 1:00 PM
Hiring Employees for Fort Gordon Staff**

Department: Utilities Department

Caption: Approve hiring Supervisor I and Assistant Manager positions for Ft. Gordon near salary mid-point.

Background: A selection committee recently interviewed candidates for the staff positions at Ft. Gordon. The candidates for two positions; Supervisor I and Assistant Manager possessed skills or experience which would warrant offering these candidates salaries which require Commission approval. Mr. James Young, candidate for the Assistant Manager position, is a previous employee of the privatization contractor at Ft. Gordon with 22 years experience. Mr. Ronnie Lee, candidate for the Supervisor I position, is a previous employee of the privatization contractor at Ft. Gordon with 17 years experience. Both candidates have extensive training and experience required to perform their respective jobs.

Analysis: Mr. James Young's recommended salary is \$45,000; the mid-point for Job Grade 47 is \$47,872. Mr. Ronnie Lee's recommended salary is \$38,000; the mid-point for Job Grade 43 is \$38,992.

Financial Impact: Funds are available in the Ft. Gordon staffing budget 506043430-5111110 to cover this agenda item request.

Alternatives: No alternatives are recommended.

Recommendation: We recommend Mr. Ronnie Lee be offered the position of Supervisor I at Ft. Gordon at a salary of \$38,000 and Mr. James Young be offered the position of Assistant Manager at Ft. Gordon at a salary of \$45,000.

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

506043430-5111110

REVIEWED AND APPROVED BY:

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



**Engineering Services Committee Meeting
7/7/2008 1:00 PM**

Motion to Approve Special Inspections and Construction Materials Testing Services on Multiple Projects

Department: Sheriff

Caption: Motion to approve execution of a contract with ATC Associates, Inc. for construction inspections and materials testing services associated with construction of the Webster Detention Center Expansion, the new Main Library and the new Judicial Center.

Background: The jail expansion is expected to break ground approximately July 23, 2008. The Library is expected to break ground by August 21, 2008. The Judicial Center is expected to break ground approximately November, 2008. It is recommended that Construction Materials Testing services, along with Special Inspections services, be performed in accordance with Chapter 17 of the jurisdictional International Building Code. A Selection Committee, consisting of representatives of Augusta's Procurement Office, the Administrator's Office, the project User Groups and the Capital Improvements Program Manager, evaluated each Respondent's submission (Technical Qualifications Statements and Cost Proposal) using established evaluation criteria stated in the RFP. A consolidation of each individual Committee member's ranking was made into a composite summary, resulting in ATC receiving the highest score.

Analysis: The referenced projects are all large, complex projects with aggressive schedules. They will benefit from the quality control enhancements that these "on call" services bring to the projects. The proposed materials testing and special inspections work will include quality control of the following: • Cast-in-place concrete • Structural Precast concrete • Reinforcing steel • Structural Steel • Metal Decking • Mortar & grout • Concrete masonry • Engineered fill • Anchor pull tests • Asphalt paving The services will be

Cover Memo

Item # 12

performed on an “on call” or “as needed” basis. Proposals were required to include a schedule of services, with uniform assumptions as far as quantities of each service. Thus the cost component of the proposals were fairly compared and scored. The contract will be established with the stated assumptions serving as a “Not to exceed” budget, with actual fees determined by actual quantities of tests/inspections, as determined by field conditions.

Financial Impact: The services will be performed on an “as needed” basis. A “Not to Exceed” contact amount of \$493,948.00 is proposed, with the amounts to be split among the three projects, as follows: Webster Detention Center: \$180,752.00 New Library: \$100,000.00 New Judicial Center: \$213,196.00

Alternatives: 1. Approve execution of a contract with ATC Associates, Inc. for construction inspections and materials testing services on the referenced projects. 2. Eliminate Special Inspections and rely solely on Design Team and Project Management to perform quality control oversight

Recommendation: Alternative 1. ATC Associates has full-time professionals certified to perform Special Inspections and materials testing. This expertise will be of significant benefit to the projects.

Funds are Available in the Following Accounts: FUNDS ARE AVAILABLE IN ACCOUNTS: Judicial Center: GL - 324-05-1120 / 201150500 Jail Expansion: GL – 325-05-1130 / 206351101 New Main Library: GL – 324-05-120 / 202150320

REVIEWED AND APPROVED BY:

**Finance.
Administrator.
Clerk of Commission**



Procurement Department

Mrs. Geri Sams, Director

April 28, 2008

To: Fred Russell, Administrator

Ref: RFP #08-076 Special Inspections and Material Testing Services for the Webster Detention Center, New Main Library, and New Judicial Center

Enclosed is a copy of the submittals received as it relates to the above referenced RFP Item 08-076. I have also attached a copy of the tabulation sheet and an evaluation criteria form.

The evaluation committee consisting of the following people will meet to review submittals on Wednesday, April 30, 2008 in the Procurement Conference Room at 11:30 a.m.

Charlie Toole – Sheriff's Office
Gary Swint – Library
Bob Munger - Heery
Lindsay Johnson – Heery (Judicial Center)
Phyllis Mills or Geri Sams - Procurement Department

Please be prepared to discuss your recommendations with the committee.

Thank you in advance for your prompt attention to this matter. Please do not hesitate to contact me if there are any questions on this item at (706) 821-2422.

Sincerely,

A handwritten signature in cursive script that reads "Geri" followed by a small "nw" in the bottom right corner.

Geri A. Sams, Director
Procurement Department

GAS/nw

Attachment (as indicated)

cc: All Committee Members

Room 605 - 530 Greene Street, Augusta Georgia 30911
(706) 821-2422 - Fax (706) 821-2811

www.augustaga.gov

Register at www.demandstar.com/supplier for automatic bid notification

Item # 12

RFP #08-076 Special Inspections & Material Testing Services For Multiple Projects Including: Additions & Renovations to the Webster Detention Center New Augusta Main Library New Judicial Center for The City of Augusta RFP Opening Date: Tuesday, March 25, 2008 @ 3:00 p.m.			
Vendors:	Original	6 Copies	Fee Proposal
S&ME 134 Suber Road Columbia, SC 29210	X	X	X
ATC Group Services, Inc. 1453 Greene St., Ste. A Augusta, GA 30901	X	X	X
QORE, Inc. 645 B Frontage Road NW Augusta, GA 30907	X	X	X

**AUGUSTA RICHMOND COUNTY CAPITAL IMPROVEMENTS
HEERY INTERNATIONAL, INC., PROGRAM MANAGER**

June 9, 2008

Ms. Geri Sams
Director of Procurement
Augusta Richmond County
530 Greene Street, Room 605
Augusta, GA 30911

RE: RFP #08-076; Special Inspections & Materials Testing Services for Multiple Projects

Dear Ms. Sams:

Nancy Williams and I have concluded our tabulations of the Committee evaluations for the referenced professional service proposals. The scores were as follows:

Firm	Committee member				Total Pts.	Rank
	1	2	3	4		
ATC	89	91	87	92	359	1
QORE	91	95	83	84	353	3
S&ME	87	92	89	90	358	2

It is my recommendation that negotiations commence with ATC to perform the referenced services, based on their supplied unit prices, since construction will soon be underway for a couple of the projects.

The Jail project is scheduled to break ground in approximately 6 weeks, and the Library project is expected to break ground on approximately September 1st. As such we could negotiate a single contract for both projects, or separate contracts for each project. There are advantages both ways.

If there are any questions, please don't hesitate to contact me.

Cordially,



Bob Munger, AIA, CCM, LEED® AP
HEERY INTERNATIONAL, INC.
Program Manager
ARC Capital Improvements

C: Fred Russell



1841 West Oak Parkway, Suite F
Marietta, Georgia 30062
www.atc.associates.com
770.427.9456
Fax 770.427.1907

March 25, 2008

Augusta-Richmond County Commission
ATTN: Ms. Geri Sams, Director of Procurement
Procurement Department
530 Greene Street, Room 605
Augusta, Georgia 30901

RE: RFP #08-076 – Special Inspections & Materials Testing
Services for the City of Augusta

Dear Ms. Sams:

ATC Associates Inc. (ATC) is pleased to submit our qualifications to provide the special inspections & materials testing services for the City of Augusta's projects.

Mr. Alex Goharioon, our Georgia area manager, will be your point-of-contact and administrator of all contractual matters. Please use the 1453 Greene Street, Suite A, Augusta, GA 30901 address for all correspondence. Our telephone number is 770.427.9456; fax 770.427.1907. Mr. Goharioon may be reached also by cell 770.595.8671 or email at alex.goharioon@atcassociates.com.

ATC has over 30 years of experience in the industry, and we are excited about building our relationship with the City as well as utilizing our local office in Augusta.

Should you have any questions or need any additional information, please do not hesitate to contact me.

Sincerely,

ATC Associates Inc.

A handwritten signature in black ink, appearing to read 'Alex Goharioon', is written over the printed name.

Alex Goharioon
Vice President

AG:et

COMPANY QUALIFICATIONS

Established in 1982, ATC Group Services Inc. d/b/a as ATC Associates Inc. (ATC) is a privately-owned corporation headquartered in Woburn, Massachusetts and incorporated in 1987 in the State of Delaware. ATC is a professional consulting engineering firm specializing in geotechnical, construction materials testing, special inspections, and environmental engineering services. Nationally, ATC employs over 1,600 professionals, technical, and support personnel serving a broad client base of over 8,000 customers from 65 offices in 36 states.

History and Growth of Firm

ATC is a nationally recognized professional engineering and environmental consulting firm. *Engineering News Record (ENR)* has ranked ATC 62nd among the Top 500 engineering design firms for 2007. We are also ranked among the Top 10 engineering firms in Georgia according to the *Atlanta Business Chronicle*.

Personnel Resources

ATC's diversified staff includes approximately 450 geotechnical and materials engineers, engineering geologist, and engineering technicians. Maintaining offices staffed with a broad range of engineers, scientists, geologists and technicians, ATC is prepared to address virtually any engineering, testing, or environmental challenge confronting large and small projects. ATC's well-qualified employee resources are here to meet your project needs.

Georgia Offices

Augusta

If selected for the City's projects, ATC's office located at 1453 Greene Street, Augusta will be utilized. This office was established in 2002 to provide services for our clients in the area. The Augusta office is approximately 9 miles from the Webster Detention Center project site, and less than a 3 minute drive from the new Main Library and new Judicial Center project sites. The Augusta office is set up to test soils and concrete and will be supported by the Atlanta office as needed.

Lawrenceville

We also have a satellite office in Gwinnett County located at 160 Stanley Court, Lawrenceville for use by our technicians for area projects with support from the Atlanta office.

Atlanta

The Atlanta (Marietta), Georgia office of ATC was established in 1973 as ATEC Associates, Inc. and has grown to perhaps the largest and most diversified geotechnical, materials testing and special inspection firms of this type in Georgia. Today, ATC employs approximately 145 full-time technical professionals and support staff in our Marietta office.

COMPANY QUALIFICATIONS

The 26,000SF Marietta office is equipped with owned and operated drill rigs and complete laboratories for testing soil, concrete, asphalt, masonry, roofing, fireproofing, steel, non-destructive testing of structural steel, and other construction materials. This includes a controlled humidity room for ASTM curing of concrete test cylinders, a concrete compression testing machine with a capacity of testing up to 21,000 psi concrete, masonry block testing machines, concrete mix design verification equipment, non-destructive structural steel testing equipment for steel and concrete, bolt-torque wrenches, liquid penetrant, magnetic particle, ultrasonic testing, windsor probe, swiss rebound hammer, windsor pin for mortar, and other required testing facilities.

Our laboratory facilities meet or exceed the basic requirements of ASTM E329 and are certified by AASHTO for the following:

- Soils – ASTM D3740, D421, D422, D698, D1140, D1557, D1883, D2216, D4318
- Portland Cement Concrete – ASTM C1077, C31, C39, C42, C78, C138, C143, C172, C173, C231, C617
- Aggregate – ASTM C1077, C40, C117, C127, C128, C136, C566, C702
- Hot Mix Asphalt – ASTM D3666, D4561, D2172, D2726, D5444, D6926, D6927

Our laboratory facilities have also been inspected by the National Bureau of Standards, Cement and Concrete Reference Laboratory (CCRL), Corps of Engineers, and the Concrete Advisory Board of Georgia.

The office has successfully provided geotechnical, environmental, materials testing and inspections on thousands of projects throughout the Southeast. We are a leader in providing these services for higher education projects. **We have 20 experienced soils and materials engineers with 12 registered as professional engineers and over 55 qualified construction materials engineering technicians certified by ACI and/or NICET, AWS, ICC or RCI.** The personnel by discipline for the Atlanta office include:

Geotechnical / Material Engineers (12 are registered professionals)	20
Construction Materials Technicians (Certified by ICC, NICET, ACI, AWS, and/or RCI)	55
Roofing and Waterproofing Specialists	5
NPDES (stormwater) GSWCC 1B Certified Inspectors	5
Environmental Professionals (Includes registered geologists, registered environmental engineers, asbestos and hazardous waste specialists)	30
Certified Industrial Hygienists	3
Administrative Support	15
CADD Operator & Drillers	4
Laboratory Experts	4

Insurance Information

ATC is financially very strong and will meet your insurance needs. Please refer to Appendix E for a sample certificate of insurance.

Insurance Agent: Lockton Insurance Agency of Houston
Contact: Sandra Rodriguez, 866-260-3538

COMPANY QUALIFICATIONS

Quality Assurance/Quality Control Program

ATC Associates' goal is to provide high quality service to our clients and to continually strive to achieve client satisfaction through quality, cost-effective work, and good communication.

We base our quality service on several components: well-trained technical and administrative staff who utilizes engineering, scientific, and administrative principles; systematic application of communication and documentation systems; and a thorough understanding of ATC and client requirements. Since our beginning, ATC has strived to provide quality work and service. More than 30 years of success and innovation as a firm attests to what we have achieved for our clients, employees, and company.

Our Quality Assurance Program includes reviews, evaluations, surveillance, and audits of the quality of the various work-related activities associated with construction materials testing services. The program also includes the documentation of (a) personnel qualifications, training, and certifications (b) personnel duties, c) calibration and maintenance of equipment, and (d) procedures used in the quality assurance and quality control functions. The plan describes the general requirements of the quality assurance program for organizing, planning, performing, reviewing, and documenting activities, which affect the quality evaluation of work conducted on projects by our staff.

In addition to our own quality assurance program, **ATC Associates laboratories meet or exceed** the basic requirements of ASTM E329 (Standard Recommended Practice for Inspection and Testing Agencies). Our laboratories are certified by AASHTO for soils (ASTM D3740), concrete (ASTM C1077) and asphalt (ASTM D3666, ASTM D4561). We have also been inspected by the National Bureau of Standards (CCRL), The US Army Corps of Engineers, and the Concrete Advisory Board of Georgia.

Reporting For Special Inspections & Materials Testing Services

For over 30 years, we have provided our services with a sense of urgency and reporting that makes a difference. ATC tailors paperwork and reporting systems to meet your requirements and specifications. Our field staff will provide you with a daily report (on-site), and we will make your job easier by issuing summary reports on soils, concrete, masonry, asphalt, reinforcing steel, and structural steel services. We will assemble all field reports and issue a summary report along with the deficiency report daily, and we can email them to the team.

- Our reporting process starts by establishing the report distribution list.
- Any customized reports or special needs identified by the Team are communicated to ATC.
- **Our Client Gateway Website will be set up and passwords will be communicated to the Team for access to all reports. This system is very easy to use and reports are uploaded daily along with project progress photos.**
- Concrete low breaks and other deficiencies are PRIORITY and will be emailed to the Team.
- Deficiency Reports will assist the Team in tracking the progress of any items needing correctional action, an RFI (steel), etc.



**Engineering Services Committee Meeting
7/7/2008 1:00 PM
Pointe West Subdv Drng Impvt Ch #3 & SA #2**

Department: Abie L. Ladson, PE, Director

Caption: Approve (CPB #323-04-203823372) Change Number Three in the amount of \$220,000.00 with funding from SPLOST Phase III Contingency for project engineering and construction. Also approve award of construction contract to Blair Construction, Inc. in the amount of \$748,479.03 for the Pointe West Subdivision Drainage Improvements Project, subject to receipt of signed contract and proper bonds. Also approve Supplemental Agreement Number Two to Cranston Engineering Group, P.C. in the amount of \$42,000.00 for additional services that includes construction observation and field engineering.

Background: The Augusta-Richmond Count Commission approved the Pointe West Subdivision Drainage Improvements Project to the One Percent Sales Tax Program to address a failed corrugated metal pipe and severe ditch erosion in the subdivision. Further evaluation was also identified that the detention pond downstream of the subdivision was not functioning properly and is also in need of construction modifications to avoid secondary impacts from the proposed improvements in Pointe West.

Analysis: Bids were received on May 23, 2008 with Blair Construction, Inc., being the low bidder. Bid results are as follow:
CONTRACTORS BID 1. Blair Construction, Inc. \$748,479.03 2. Mabus Brothers Const. Co. \$818,668.80 3. Beam's Contracting, Co. \$1,171,133.10 It is the Engineering Department recommendation to award this project to the low bidder Blair Construction, Inc. It is also essential that the Design Engineer of this project "Cranston Engineering Group, P.C." is involved in the day-to-day construction activities (construction inspection and field engineering) to help address the Engineering Department extensive work load. It is also the Engineering Department recommendation

Cover Memo

Item # 13

to approve the supplemental agreement for additional engineering services for this project.

Financial Impact: Funds are available in Phase III Contingency in the amount of \$220,000.00 to be transferred to the Pointe West construction budget upon Commission approval.

Alternatives: 1. Approve (CPB #323-04-203823372) Change Number Three in the amount of \$220,000.00 with funding from SPLOST Phase III Contingency for project engineering and construction. Also approve award of construction contract to Blair Construction, Inc. in the amount of \$748,479.03 for the Pointe West Subdivision Drainage Improvements Project, subject to receipt of signed contracts and proper bonds. Also approve Supplemental Agreement Number Two to Cranston Engineering Group, P.C. in the amount of \$42,000.00 for additional services that includes construction observation and field engineering. 2. Do not approve and eliminate project.

Recommendation: Approve Alternative Number One.

Funds are Available in the Following Accounts: 323-041110-296823444

REVIEWED AND APPROVED BY:

**Finance.
Administrator.
Clerk of Commission**

DO NOT PROCESS THIS DOCUMENT. (once approved by the Commission Engineering will send the original document(s) for execution to the Clerk of Commission Office. For questions please contact Engineering at ext 5070.)

Augusta-Richmond County, Georgia

CPB#323-04-203823372

**CAPITAL PROJECT BUDGET
POINTE WEST DRAINAGE IMPROVEMENTS
CHANGE NUMBER THREE**

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

Section 1: The project is authorized to CPB#323-041110-203823372. The funding for this project is needed for Advertising, Right of Way, Construction and Contingency. We propose to address the drainage issues. The total amount of \$220,000 will be funded by the Special Purpose Sales Tax Contingency Fund.

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

Special 1% Sales Tax, Phase III	\$ 600,000
Special 1% Sales Tax, Phase III	\$ 200,000
Special 1% Sales Tax, Phase III	\$ 220,000
	\$ 1,020,000

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

By Basin		By District
Raes Creek	\$ 1,020,000	7th \$ 1,020,000

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

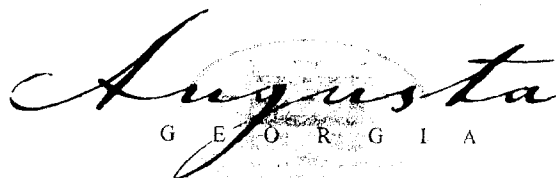
CPB#323-04-203823372

**CAPITAL PROJECT BUDGET
POINTE WEST DRAINAGE IMPROVEMENTS
CHANGE NUMBER THREE**

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT CPB</u>	<u>CPB CHANGE</u>	<u>NEW CPB</u>
SALES TAX, PHASE III 323-041110-6011110-296823333	(\$800,000)		(\$800,000)
SALES TAX, PHASE III CONTINGENCY 323-041110-6011110-296823444		(\$220,000)	(\$220,000)
TOTAL SOURCES:	(\$800,000)	(\$220,000)	(\$1,020,000)

USE OF FUNDS

ADVERTISING 323-041110-5233119-203823372	\$2,000		\$2,000
ENGINEERING 323-041110-5212115-203823372	\$78,000		\$78,000
RIGHT OF WAY 323-041110-5411120-203823372	\$40,000		\$40,000
CONSTRUCTION 323-041110-5414110-203823372	\$615,000	\$285,000	\$900,000
CONTINGENCY 323-041110-6011110-203823372	\$65,000	(\$65,000)	\$0
TOTAL USES:	\$800,000	\$220,000	\$1,020,000



ENGINEERING DEPARTMENT

Abie L. Ladson, PE, Director

MEMORANDUM

TO: Geri Sams, Procurement Director

FROM: Abie L. Ladson, PE, Director

DATE: Monday, June 02, 2008

SUBJECT: Point West Subdivision Drainage Improvements
(Bid Item # 08-128)
Project Number: 323-04-203823372
File Reference: 08-014(A)

Ms. Sams, it is strongly the recommendation of the Engineering Department to award the "Pointe West Subdivision Drainage Improvements Project" construction contract to Blair Construction, Inc. with a bid of \$748,479.03. They were the low bidder for this project.

The Engineer's Construction Estimate was \$789,910.00. This represents a -5.25% difference between Blair Construction, Inc. and the Engineer's Estimate.

Blair Construction, Inc. has also constructed many projects with Augusta-Richmond County over the past years, and has completed these projects on schedule and within the construction budget. A few of these projects are as follow:

1. Neely Road Improvement Project
2. Paving Dirt Roads (Whisnant Drive and Hauckman Hill Road)
3. Pinnacle Place Subdivision Drainage Improvements
4. Raes Creek, Section III
5. Winchester Subdivision Drainage Improvements

If you have any questions, or concerns please e-mail me, or give me a call.

Thank You,

ALL/scm

Attachments

cc: Phyllis Mills, Quality Assurance Analyst
Chiquita T. Johnson, General Counsel
Hameed Malik, PhD., PE, Assistant Director Engineering
Anthony (Tony) Williams, Construction Manager
File

Engineering Department
505 Telfair Street - Augusta, GA 30901
(706) 796-5040 - Fax (706) 796-5045
www.augustaga.gov

Item # 13



Cranston Engineering Group, P.C.
ENGINEERS - PLANNERS - SURVEYORS

452 ELLIS STREET, AUGUSTA, GEORGIA 30901
POST OFFICE BOX 2546, AUGUSTA, GEORGIA 30903
TELEPHONE 706-722-1588
FACSIMILE 706-722-8379
mail@cranstonengineering.com

THOMAS H. ROBERTSON, PE, AICP, RLS
JAMES B. CRANFORD, JR., PE
DENNIS J. WELCH, PE

J. CRAIG CRANSTON, PE, RLS
(RETIRED)

May 29, 2008

Mr. Abie Ladson, P.E.
Director of Engineering
Augusta Engineering Department
505 Telfair Street
Augusta, Georgia 30901

Re: Pointe West Subdivision Drainage Improvements
APD Bid No. 08-128
Our File No. 2004-0014

Dear Abie:

Please find enclosed a tabulation of the three bids received on May 23, 2008 for the above referenced project.

We recommend that the contract for construction be awarded to the low bidder per the tabulation, Blair Construction, Inc. in the amount of \$748,479.03.

Please advise us of the action of the Augusta Commission on this recommendation, and we will prepare the contract documents for execution.

Sincerely,

CRANSTON ENGINEERING GROUP, P.C.

D. Scott Williams, P.E.

DSW/dsw
Enclosure
cc Geri A. Sams



Cranston Engineering Group, P.C.
ENGINEERS - PLANNERS - SURVEYORS

452 ELLIS STREET, AUGUSTA, GEORGIA 30901
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THOMAS H. ROBERTSON, PE, AICP, RLS
JAMES B. CRANFORD, JR., PE
DENNIS J. WELCH, PE

J. CRAIG CRANSTON, PE, RLS
(RETIRED)

May 29, 2008

Mr. Abie Ladson, P.E.
Director of Engineering
Augusta Engineering Department
505 Telfair Street
Augusta, Georgia 30901

Re: Pointe West Subdivision Drainage Improvements
APD Bid No. 08-128
Our File No. 2004-0014

Dear Abie:

Please find enclosed a tabulation of the three bids received on May 23, 2008 for the above referenced project.

We recommend that the contract for construction be awarded to the low bidder per the tabulation, Blair Construction, Inc. in the amount of \$748,479.03.

Please advise us of the action of the Augusta Commission on this recommendation, and we will prepare the contract documents for execution.

Sincerely,

CRANSTON ENGINEERING GROUP, P.C.

D. Scott Williams, P.E.

DSW/dsw
Enclosure
cc Geri A. Sams

G:\AA-CORRESPONDENCE\2004-04-014 pointe west subd. drainage imp Recommendation Letter.wpd

Pointe West Subdivision Drainage Improvements

Project Number: 323-04-203823372

Beam's Contracting, Inc.				Blair Construction, Inc.				Mabus Brothers Construction Company, Inc.			
ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
601-1060	FORC. ACCOUNT	LS	1	\$ 70,000.00	\$ 70,000.00	\$ 70,000.00	\$ 70,000.00	\$ 70,000.00	\$ 70,000.00	\$ 70,000.00	\$ 70,000.00
161-9999	CONTROL OF EROSION AND SEDIMENTATION • TYPE "C" SILT FENCE • TEMPORARY GRASSING • CONSTRUCTION EXITS • CHECK DAMS • INLET SEDIMENT TRAPS • ROCK FILTER DAMS • FILTER RINGS • RETROFITTING MISCELLANEOUS EROSION • CONTROL STRUCTURES • MAINTENANCE OF SOIL EROSION AND SEDIMENTATION • LUMP SUM	LS	1	\$ 65,000.00	\$ 65,000.00	\$ 32,397.84	\$ 32,397.84	\$ 34,887.50	\$ 34,887.50	\$ 34,887.50	\$ 34,887.50
205-0001	UNCLASSIFIED EXCAVATION (TRENCH ROCK)	CV	250	\$ 68.00	\$ 17,000.00	\$ 37.10	\$ 9,275.00	\$ 65.00	\$ 16,250.00	\$ 65.00	\$ 16,250.00
206-0002	BORROW EXCAVATION, INCLUDING MATERIAL (PIPE BACKFILL)	CV	5,700	\$ 16.80	\$ 95,760.00	\$ 7.43	\$ 42,291.00	\$ 10.00	\$ 57,000.00	\$ 10.00	\$ 57,000.00
206-0020	SOLICITED BORROW EXCAVATION, INCLUDING MATERIAL (DAM REPAIR)	CV	500	\$ 18.00	\$ 9,000.00	\$ 8.48	\$ 4,240.00	\$ 13.70	\$ 6,850.00	\$ 13.70	\$ 6,850.00
207-0203	FOUNDATION BACKFILL MATERIAL, TYPE II (#57 STONE) FOR ADDITIONAL UNCLASSIFIED EXCAVATION	CV	400	\$ 29.35	\$ 11,740.00	\$ 16.43	\$ 6,572.00	\$ 29.50	\$ 11,800.00	\$ 29.50	\$ 11,800.00
210-0250	UNDEVELOPED EXCAVATION (UNSUITABLE MATERIAL)	CV	400	\$ 9.00	\$ 3,600.00	\$ 5.30	\$ 2,120.00	\$ 8.00	\$ 3,200.00	\$ 8.00	\$ 3,200.00
230-1000	LUMP SUM CONSTRUCTION • REMOVE AND RESET FENCES, ALL TYPES • REMOVE AND RESET GATES, ALL TYPES • REMOVE AND RESET YARD LAMPS, TYPE VARIES • REMOVE AND RESET SIGNS, TYPE VARIES • TRAFFIC CONTROL • CLEARING AND GRUBBING, INCLUDING POND • MISCELLANEOUS GRADING, INCLUDING POND • PROPERTY RESTORATION • REMOVAL OF EXISTING STORM HEADWALLS • MOBILIZATION & DEMOBILIZATION • BONDS AND INSURANCE • PERMANENT GRASSING • RESTORATION INCLUDING CONCRETE CURB AND GUTTER, STONE BASE AND ASPHALT PAVING • BYPASS PUMPING • RAISE LOWER MANHOLE TOPS AND VALVE BOXES TO GRADE SHORING, IF REQUIRED • TIES TO EXISTING STORM SEWER • RECONSTRUCT RETAINING WALLS, AS NECESSARY	LS	1	\$ 214,218.00	\$ 214,218.00	\$ 80,288.64	\$ 80,288.64	\$ 94,180.00	\$ 94,180.00	\$ 94,180.00	\$ 94,180.00
310-7040	GRADED AGGREGATE SURFACE COURSE, 4 INCH, INCLUDED MATERIAL	SY	1,250	\$ 4.85	\$ 6,062.50	\$ 4.15	\$ 5,187.50	\$ 4.17	\$ 5,212.50	\$ 4.17	\$ 5,212.50
500-3108	CLASS A CONCRETE, 12" (SANITARY SEWER ENCASMENT)	CY	10	\$ 216.20	\$ 2,162.00	\$ 71.65	\$ 716.50	\$ 110.00	\$ 1,100.00	\$ 110.00	\$ 1,100.00

DEDUCTIVE ALTERNATES

Beam's Contracting, Inc.

Blair Construction, Inc.

Mabus Brothers Construction
Company, Inc.

ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
	DEDUCTIVE ALTERNATE FOR ITEM 550-1360 TO USE CORRUGATED PLASTIC PIPE (C.P.P.) INSTEAD OF REINFORCED CONCRETE PIPE (R.C.P.)	LF	1025	\$ 70.00	\$ 71,750.00
	DEDUCTIVE ALTERNATE FOR ITEM 550-1361 TO USE CORRUGATED PLASTIC PIPE (C.P.P.) INSTEAD OF REINFORCED CONCRETE PIPE (R.C.P.)	LF	525	\$ 75.00	\$ 39,375.00
	DEDUCTIVE ALTERNATE FOR ITEM 550-1541 TO USE CORRUGATED PLASTIC PIPE (C.P.P.) INSTEAD OF REINFORCED CONCRETE PIPE (R.C.P.)	LF	95	\$ N/A	\$ 0.00
	DEDUCTIVE ALTERNATE FOR ITEM 550-1600 TO USE CORRUGATED PLASTIC PIPE (C.P.P.) INSTEAD OF REINFORCED CONCRETE PIPE (R.C.P.)	LF	315	\$ 145.00	\$ 45,675.00

UNIT PRICE	AMOUNT

UNIT PRICE	AMOUNT
\$ 14.54	\$ 14,903.50
\$ 18.69	\$ 9,812.25
\$ 12.33	\$ 1,171.35
\$ 20.97	\$ 6,605.55



Cranston Engineering Group, P.C.
ENGINEERS - PLANNERS - SURVEYORS

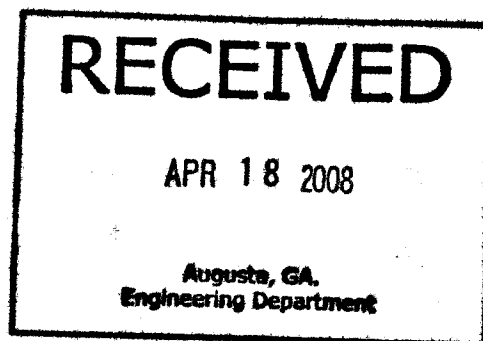
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THOMAS H. ROBERTSON, PE, AICP, RLS
JAMES B. CRANFORD, JR., PE
DENNIS J. WELCH, PE

J. CRAIG CRANSTON, PE, RLS
(RETIRED)

April 16, 2008

Mr. Abie Ladson, P.E.
Director of Engineering
Augusta Engineering Department
505 Telfair Street
Augusta, Georgia 30901



Re: Construction Phase Services Proposal
Pointe West Subdivision Drainage Improvements
Our File No. 2004-0014

Dear Abie:

In accordance with your April 3, 2008 telephone conversation with Tom Robertson of our office, we are pleased to offer the following proposal for accomplishing the necessary engineering services for administering the construction phase of 1) the storm culvert behind 2901 through 2923 Pointe West Drive (Phase IB); 2) improvements the drainage ditch behind 2957 through 2969 Pointe West Drive (Phase II); and 3) the repair of the existing detention pond dam and outlet structure (Phase III).

GENERAL:

The existing corrugated metal drainage pipe between 2907 and 2909 Point West Drive is not sufficiently sized to handle the projected design flows. The existing drainage ditch behind 2957 through 2969 Pointe West Drive has severely eroded over time and is beginning to encroach into the adjacent back yards and decks. The existing detention pond dam has been breached and the outlet pipe has been washed away resulting in no detention of the storm water flowing into the pond. We have previously completed the design and permitting phase for the improvements which will address these issues.

SCOPE OF WORK:

e will provide the following Construction Phase engineering services: conducting a pre-construction meeting with contractor and appropriate city personnel, making daily observations and reports of the construction work as it progresses to observe the progress and general quality (generally daily, but not full time), furnishing written bi-weekly status reports including copies of the daily reports for that period, issuing instructions to the contractor, reviewing shop drawings, reviewing

Mr. Abie Ladson, P.E.
April 16, 2008
Page 2

contractor's monthly applications for partial payment, determining the amounts owing to the contractor, interpreting the contract documents and technical specifications, consulting/coordinating as necessary with the City-County authorities and their representatives concerning their requirements, making a final inspection to determine whether or not the work has been completed substantially in accordance with the plans and specifications, and reviewing the contractor's application for final payment. Our base services do not include preparing digital construction as-builts from the contractor's red-lined drawings nor National Pollutant Discharge Elimination System (NPDES) permitting coordination, fees or monitoring as required by Permit No. 100002. However, our design team has the capability and experience to accomplish any or all of these tasks, if you should so desire.

It is our understanding that the Bidding Phase services for this project will be handled by City of Augusta personnel. However, should you need for our firm to supply any services during the bidding of the project, we can assist you to the extent that you desire on a time and material basis in accordance with our rates and charges in effect at the time the work is performed. We have enclosed a copy of our current rates and charges dated October 27, 2007 for your information. Typical Bidding Phase services include the following: preparing a schedule for bidding, preparing bidding documents, attending a pre-bid meeting with prospective bidders and appropriate city personnel, preparing any required addenda, assisting you with securing bids from qualified contractors, advising you concerning the award of a contract, preparing contract documents subject to your approval, and issuing a notice to proceed.

FEE PROPOSAL:

Our fee for the base Construction Phase engineering services proposed will be a lump sum of \$37,830.00. This fee is based on a construction period of six months. Should the construction period be extended beyond the six months established due to changes outside of our control, we would expect to negotiate revisions to our fees to cover the additional time. The fee can be broken down as follows:

Construction Phase Services

Pre-Construction Meeting	\$	1,060.00
Review of Contractor's Shop Drawings/Submittals	\$	1,465.00
Daily Observations and Reports	\$	21,567.00
Bi-Weekly Project Manager Observations and Status Reports	\$	6,155.00
Contractor Payment Application Review/Coordination	\$	2,283.00
General Coordination Between Owner and Contractor	\$	5,300.00

Construction Phase Services Total \$ 37,830.00 *

Optional Additional Services, Unit Price

Digital As-Built Drawings from Contractor's Red-Lined Plans	\$	1,050.00
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Mr. Abie Ladson, P.E.

April 16, 2008

Page 3

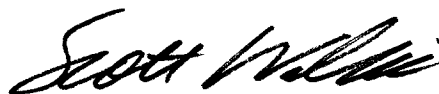
NPDES Storm Water Monitoring (\$920.00/Month, Total for Estimated 6 Months)	\$	5,520.00	
NPDES Permitting Fees	\$	665.00	
Completion of NPDES Notice of Intent	\$	535.00	*
Completion of NPDES Notice of Termination	\$	470.00	*
Estimated Optional Additional Services Total	\$	8,240.00	
<u>Optional Bidding Phase Services, Time and Material (Estimated Total)</u>	\$	3,100.00	*

We expect to submit periodic invoices covering the design work as it progresses and to receive payment within thirty days thereafter.

We appreciate the opportunity of making this proposal and trust that you find it satisfactory. Your signature in the space provided on a copy of this letter returned to use will be our authority to proceed. We are prepared to begin work immediately upon your direction. Should you have any question concerning the scope of the services offered or the fees, please do not hesitate to contact us.

Sincerely,

CRANSTON ENGINEERING GROUP, P.C.



D. Scott Williams, P.E.

DSW/dsw
Enclosure

ACCEPTED BY:

AUGUSTA ENGINEERING DEPARTMENT

BY: _____

TITLE: _____

DATE: _____



Cranston Engineering Group, P.C.
ENGINEERS - PLANNERS - SURVEYORS

452 ELLIS STREET, AUGUSTA, GEORGIA 30901
POST OFFICE BOX 2546, AUGUSTA, GEORGIA 30903
TELEPHONE 706-722-1588
FACSIMILE 706-722-8379
mail@cranstonengineering.com

THOMAS H. ROBERTSON, PE, AICP, RLS
JAMES B. CRANFORD, JR., PE
DENNIS J. WELCH, PE

J. CRAIG CRANSTON, PE, RLS
(RETIRED)

October 27, 2007

SCHEDULE OF RATES & CHARGES

TIME & MATERIAL BASIS

Personnel Charges:

Senior Principal Engineer/Planner	\$ 205.00/Hr.
Senior Principal Engineer	\$ 185.00/Hr.
Principal Engineer	\$ 170.00/Hr.
Sr. Professional Engineer/Project Manager	\$ 125.00/Hr.
Professional Engineer	\$ 115.00/Hr.
Project Engineer II	\$ 80.00/Hr.
Project Engineer I	\$ 70.00/Hr.
Engineering Technician II	\$ 70.00/Hr.
Engineering Technician I	\$ 65.00/Hr.
Landscape Designer I	\$ 70.00/Hr.
Planner	\$ 70.00/Hr.
Senior Land Surveyor	\$ 135.00/Hr.
Land Surveyor III	\$ 115.00/Hr.
Project Surveyor II	\$ 80.00/Hr.
Project Surveyor I	\$ 70.00/Hr.
Field Project Supervisor	\$ 60.00/Hr.
Survey Party - 2-Person	\$ 100.00/Hr.
Survey Party - 3-Person	\$ 125.00/Hr.
Survey Party - 4-Person	\$ 155.00/Hr.
Survey Party - GPS	\$ 180.00/Hr.
CADD Technician III	\$ 100.00/Hr.
CADD Technician II	\$ 55.00/Hr.
CADD Technician I	\$ 45.00/Hr.
Asst. CADD Technician	\$ 35.00/Hr.
Inspector II	\$ 70.00/Hr.
Inspector I	\$ 65.00/Hr.
Secretary	\$ 55.00/Hr.

Reimbursable Charges:

Travel Expenses:	
Mileage	\$0.56/mile
Lodging, etc.	Cost plus 15%
Reproduction:	
Paper Prints	\$0.50/Sq.Ft.
Mylar Prints	\$2.50/Sq.Ft.
Other Reimbursable Items:	Cost plus 15%



**Engineering Services Committee Meeting
7/7/2008 1:00 PM
Rae's Creek Trunk Sewer Replacement, Phase IV**

Department: Abie L. Ladson, PE, Director

Caption: Approve Amendment #2 through the Utilities Department to Zimmerman, Evans, and Leopold Professional Design Services contract for additional design of the Rae's Creek Sanitary Trunk Sewer Replacement Project in the amount of \$33,200.00. Also approve the transfer of \$271,000.00 into the Construction budget for completion of the Engineering Department's portion of this project.

Background: The Rae's Creek Sanitary Trunk Sewer Improvements Project is a Utilities Department project that is currently under construction. This project proposes to replace approximately 9,000 linear feet of sanitary sewer along Camellia Road and Dunnington Place. During construction the Utilities Department encountered drainage affecting the residents downstream, roadway, and subsurface soil material issues along Camellia Road between Walton Way and Lake Court. Any drainage and roadway issue not included in the original contract becomes the responsibility of the Engineering Department.

Analysis: A proposal was received from Zimmerman, Evans, and Leopold, Inc. to perform the supplemental design services for the Rae's Creek project. They are currently the Design Consultant for this project. The estimated cost for the design services is \$33,200.00. The design will take approximately two months to complete. The estimated construction cost is \$271,000.00, and construction should be completed within four months after the design completion.

Financial Impact: Funds are available in SPLOST account number 327-04-11106011110/296812333-6011110 upon Commission approval.

Alternatives: 1) Approve Amendment #2 through the Utilities Department to Zimmerman, Evans, and Leopold Professional Design Services contract for additional design of the Rae's Creek Sanitary Trunk Sewer Replacement Project in the amount of \$33,200.00. Also approve the transfer of \$271,000.00 into the Construction budget for completion of the Engineering Department's portion of this project. 2) Do not approve.

Recommendation: Approve Alternative Number One.

**Funds are
Available in the
Following
Accounts:** 327-041110-6011110 - 296812333-6011110

REVIEWED AND APPROVED BY:

**Finance.
Administrator.
Clerk of Commission**

DO NOT PROCESS THIS DOCUMENT. (once approved by the
Commission Engineering will send the original document(s) for execution to the
Clerk of Commission Office. For questions please contact Engineering at ext 5070.

Augusta-Richmond County, Georgia

CPB#327-04-000000000

**CAPITAL PROJECT BUDGET
RAE'S CREEK TRUNK SEWER REPLACEMENT, PHASE IV**

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

Section 1: This project is authorized to CPB#327-04-000000000. This project proposes to replace approximately 9,000 linear feet of sanitary sewer along Camellia Road and Dunnington Place.

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

Special 1% Sales Tax, Urban Phase III	\$304,200
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Section 3: The following amounts are appropriated for the project:

	By Basin	By District
Raes Creek	\$304,200	\$304,200

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#327-04-000000000

**CAPITAL PROJECT BUDGET
RAE'S CREEK TRUNK SEWER REPLACEMENT, PHASE IV**

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT CPB</u>	<u>CPB CHANGE</u>	<u>NEW CPB</u>
URBAN SPLOST PHASE III RECAPTURE 327-04-296812333	(\$304,200)		(\$304,200)
TOTAL SOURCES:	(\$304,200)	\$0	(\$304,200)
<u>USE OF FUNDS</u>			
ENGINEERING 327-04-1110-5212115-000000000	\$33,200		\$33,200
CONSTRUCTION 327-04-1110-5414110-000000000	\$271,000	\$0	\$271,000
TOTAL USES:	\$304,200	\$0	\$304,200

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**Engineering Services Committee Meeting
7/7/2008 1:00 PM
Signature Authorization for Fort Gordon Contract**

Department: Utilities Department

Caption: Approve delegating Signature Authority to City Administrator for Provisions within existing Ft. Gordon Contract.

Background: The Augusta Utilities Department is well under way with the contract with Ft. Gordon. We recently administrated a contract modification in which Ft. Gordon identified additional funds and requested AUD provide additional work. This additional work required a contract modification. AUD submitted the contract modifications through the Committee and Commission process. AUD received questions about the length of time required for contract modification provisions in the existing Ft. Gordon Contract. The Division Chief Contracting Officer in Ft. Belvoir, Virginia has suggested AUD explore option to minimize the time required. Depending on the timing of when an agenda item is prepared and submitted, the Committee and Commission approval process can take up to 8 weeks. Attached is an e-mail for the Division Chief Contracting Officer explaining "If funds are not obligated promptly once they are committed, we run the very real risk that the installation will attempt to "pull back unobligated dollars" to fill a shortfall somewhere else."

Analysis: From time to time, additional funds are obtained by Ft. Gordon. To include these additional funds in the existing Ft. Gordon Contract, a contract modification is required. We are requesting the Commission delegate the City Administrator with signature authority.

Financial Impact: No funds are being requested with this agenda item.

Alternatives: No alternatives are recommended.

Recommendation: We recommend Commission delegate the City Administrator with signature authority to execute contract modifications for the existing Ft. Gordon Contract.

Funds are Available in the Following Accounts: No funds are being requested with this agenda item.

REVIEWED AND APPROVED BY:

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



Engineering Services Committee Meeting
7/7/2008 1:00 PM
Windsor Springs Rd Impvts Agenda Item Change #4 & SA 4

Department: Abie L. Ladson, PE, Director

Caption: Approve (CPB #323-04-296823516) Change Number Four in the amount of \$3,315,100.00 with fundings of \$2,167,667.00 from SPLOST Phase II Recapture, and \$1,000,000.00 from SPLOST Phase III Recapture for Project Engineering and Construction. Also approve award of Construction Contract to Mabus Brothers Construction, Co. in the amount of \$4,549,000.00 for the Windsor Spring Road Improvements Project, subject to receipt of a detailed project schedule, a contractor's project team approved by the Engineering Department, a traffic control plan, a staging plan, signed contract(s), and proper bonds. Also approve Supplemental Agreement Number Four to W.R. Toole Engineers, Inc. in the amount of \$196,100.00 for additional services that include construction observation and field engineering.

Background: This project proposes to widen Windsor Spring Road and install curb and gutter, enclosed storm drainage, and sidewalk from Peach Orchard Road to Old Louisville Road.

Analysis: Bids were received on May 27, 2008 with Mabus Brothers Construction, Inc. being the low bidder. Bid results are as follow: CONTRACTORS BID 1.Mabus Brothers Const., Co. \$4,549,000.00 2.Beam's Contracting, Co. \$5,711,393.46 3.Blair Construction, Inc. \$5,876,543.21 It is the Engineering Department recommendation to award this project to the low bidder, subject to receipt of the following items: 1.Detailed Project Schedule 2.Contractor's Project Team Approval by AED 3.Traffic Control Plan 4.Staging Plan 5.Signed Contracts and Proper Bonds It is also essential that the Design Engineer of this project "W.R. Toole Engineers, Inc." is involved in the day-to-day construction activities (construction inspection and field engineering) to help address the Engineering Department extensive work load. It

Cover Memo

Item # 16

is also the Engineering Department recommendation to approve the supplemental agreement for additional engineering services for this project.

Financial Impact: Funds are available in SPLOST Phase II Recapture in the amount of \$2,167,667.00 and SPLOST Phase III Recapture in the amount of \$1,000,000.00 to be transferred to the Windsor Spring Road Improvements project construction budget upon Commission approval.

Alternatives: 1) Approve (CPB #323-04-296823516) Change Number Four in the amount of \$3,315,100.00 with fundings of \$2,167,667.00 from SPLOST Phase II Recapture, and \$1,000,000.00 from SPLOST Phase III Recapture for Project Engineering and Construction. Also approve award of Construction Contract to Mabus Brothers Construction, Co. in the amount of \$4,549,000.00 for the Windsor Spring Road Improvements Project, subject to receipt of a detailed project schedule, a contractor's project team approved by the Engineering Department, a traffic control plan, a staging plan, signed contract(s), and proper bonds. Also approve Supplemental Agreement Number Four to W.R. Toole Engineers, Inc. in the amount of \$196,100.00 for additional services that include construction observation and field engineering. 2) Do not approve and eliminate project.

Recommendation: Approve Alternative Number One.

Funds are Available in the Following Accounts: 322-041110-292822333 323-041110-296823333

REVIEWED AND APPROVED BY:

**Finance.
Administrator.
Clerk of Commission**

Augusta-Richmond County, Georgia

CPB#323-04-296823516

**CAPITAL PROJECT BUDGET
WINDSOR SPRING ROAD IMPROVEMENTS
CHANGE NUMBER THREE**

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

Section 1: The project change is authorized to CPB# 323-04-296823516.
This change is for the additional funds necessary for Engineering Services associated with the said project, in the total amount of \$55,600. These funds will come from The Project Contingency Account.

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

Special 1% Sales Tax, Phase I	\$ 280,000
Special 1% Sales Tax, Phase III	\$ 1,853,000
Special 1% Sales Tax, Phase I Recapture	\$ 12,917
Special 1 % Sales Tax, Phase II Recapture	\$ 16,883
	\$ 2,162,800

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

	By Basin	By District
Raes Creek	\$2,162,800	3rd \$ 2,162,800

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

Augusta-Richmond County, Georgia

CPB#323-04-296823516

**CAPITAL PROJECT BUDGET
WINDSOR SPRING ROAD IMPROVEMENTS
CHANGE NUMBER THREE**

Copy-Procurement Department

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT CPB</u>	<u>CPB CHANGE</u>	<u>NEW CPB</u>
SPECIAL 1% SALES TAX, PHASE I 321-04-1110-00000000-0000000000	(\$280,000)	\$0	(\$280,000)
Special 1% Sales Tax, Phase III 323-04-1110-00000000-0000000000	(\$1,853,000)	\$0	(\$1,853,000)
Special 1% Sales Tax, Phase I Recapture 321-04-1110-6011110-288821333	(\$12,917)		(\$12,917)
Special 1% Sales Tax, Phase II Recapture 322-04-1110-6011110-292822333	(\$16,883)		(\$16,883)
TOTAL SOURCES:	(\$2,162,800)	\$0	(\$2,162,800)

USE OF FUNDS

ENGINEERING 323-04-1110-5212115-296823516	\$116,100	\$55,600	\$171,700
RIGHT-OF-WAY 323-04-1110-5411120/296823516	\$400,000	\$0	\$400,000
ADVERTISING 323-04-1110-5233119/296823516	\$3,000	\$0	\$3,000
CONSTRUCTION 323-04-1110-5414110/296823516	\$1,430,000	\$0	\$1,430,000
CONTINGENCY 323-04-1110-6011110/296823516	\$213,700	(\$55,600)	\$158,100
			\$0
TOTAL USES:	\$2,162,800	\$0	\$2,162,800

DO NOT PROCESS THIS DOCUMENT. (once approved by the
Commission Engineering will send the original document(s) for execution to the
Clerk of Commission Office. For questions please contact Engineering at ext

Augusta-Richmond County, Georgia

CPB#323-04-296823516

**CAPITAL PROJECT BUDGET
WINDSOR SPRING ROAD IMPROVEMENTS
CHANGE NUMBER FOUR**

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

Section 1: The project change is authorized to CPB# 323-04-296823516.
This change is for the additional funds necessary for Engineering Services associated with the said project, in the total amount of \$3,167,667. These funds will come from Special 1% Sales Tax, Phase II Recapture and Phase III Recapture.

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

Special 1% Sales Tax, Phase I	\$ 280,000
Special 1% Sales Tax, Phase III	\$ 1,853,000
Special 1% Sales Tax, Phase I Recapture	\$ 12,917
Special 1 % Sales Tax, Phase II Recapture	\$ 16,883
Special 1 % Sales Tax, Phase II Recapture	\$ 2,167,667
Special 1 % Sales Tax, Phase III Recapture	\$ 1,000,000
	<u>\$ 5,330,467</u>

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

	By Basin		By District
Raes Creek	\$5,330,467	3rd	\$ 5,330,467

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#323-04-296823516

**CAPITAL PROJECT BUDGET
WINDSOR SPRING ROAD IMPROVEMENTS
CHANGE NUMBER FOUR**

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT CPB</u>	<u>CPB CHANGE</u>	<u>NEW CPB</u>
SPECIAL 1% SALES TAX, PHASE I 321-04-1110-00000000-0000000000	(\$280,000)	\$0	(\$280,000)
Special 1% Sales Tax, Phase III 323-04-1110-00000000-0000000000	(\$1,853,000)	\$0	(\$1,853,000)
Special 1% Sales Tax, Phase I Recapture 321-04-1110-6011110-288821333	(\$12,917)		(\$12,917)
Special 1% Sales Tax, Phase II Recapture 322-04-1110-6011110-292822333	(\$16,883)		(\$16,883)
Special 1% Sales Tax, Phase II Recapture 322-04-1110-6011110-292822333		(\$2,167,667)	(\$2,167,667)
Special 1% Sales Tax, Phase III Recapture 323-04-1110-6011110-296823333		(\$1,000,000)	(\$1,000,000)
TOTAL SOURCES:	(\$2,162,800)	(\$3,167,667)	(\$5,330,467)

USE OF FUNDS

ENGINEERING 323-04-1110-5212115-296823516	\$116,100	\$196,100	\$312,200
RIGHT-OF-WAY 323-04-1110-5411120/296823516	\$400,000	\$0	\$400,000
ADVERTISING 323-04-1110-5233119/296823516	\$3,000	\$0	\$3,000
CONSTRUCTION 323-04-1110-5414110/296823516	\$1,430,000	\$3,185,267	\$4,615,267
CONTINGENCY 323-04-1110-6011110/296823516	\$213,700	(\$213,700)	\$0
			\$0
TOTAL USES:	\$2,162,800	\$3,167,667	\$5,330,467

Augusta-Richmond County, Georgia

CPB#323-04-296823516

**CAPITAL PROJECT BUDGET
WINDSOR SPRING ROAD IMPROVEMENTS
CHANGE NUMBER FOUR**

Windsor Spring Road Improvements (#323-04-296823516) BID TABULATION

TE Job No. 07-009
6/24/2008

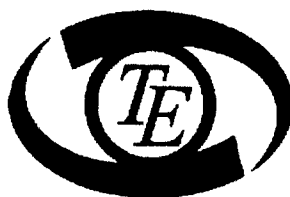
PAY ITEM	DESCRIPTION	UNITS	QTY	Blair Construction		Beam's Contracting		Mabus Bros. Const. Co.	
				UNIT	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
001-1000	FORCE ACCOUNT	LS	1	\$600,000.00	\$600,000.00	\$600,000.00	\$600,000.00	\$600,000.00	\$600,000.00
150-1000	TRAFFIC CONTROL	LS	1	\$114,342.00	\$114,342.00	\$80,000.00	\$80,000.00	\$50,000.00	\$50,000.00
153-1300	FIELD ENGINEERS OFFICE	LS	1	\$15,400.00	\$15,400.00	\$24,000.00	\$24,000.00	\$12,000.00	\$12,000.00
157-1001	CONSTRUCTION STAKING	LS	1	\$140,260.00	\$140,260.00	\$72,000.00	\$72,000.00	\$75,000.00	\$75,000.00
163-0232	TEMPORARY GRASSING	AC	3.5	\$1,300.00	\$4,550.00	\$1,135.00	\$3,972.50	\$900.00	\$3,150.00
163-2051	CONST. MAINT & REMOVE BALED STRAW EROSION CHECK	LF	1000	\$4.40	\$4,400.00	\$5.40	\$5,400.00	\$4.50	\$4,500.00
167-1000	WATER QUALITY MONITORING AND SAMPLING	EA	2	\$15,000.00	\$30,000.00	\$4,000.00	\$8,000.00	\$7,500.00	\$15,000.00
171-0030	TEMPORARY SILT FENCE (TYPE "C")	LF	12730	\$4.57	\$58,176.10	\$4.40	\$56,012.00	\$2.50	\$31,825.00
207-0203	FOUNDATION BACKFILL, TP 2	CY	1092	\$25.30	\$27,627.60	\$28.00	\$30,576.00	\$23.60	\$25,771.20
210-0100	GRADING COMPLETE	LS	1	\$536,329.13	\$536,329.13	\$287,012.00	\$287,012.00	\$214,562.40	\$214,562.40
230-1000	LUMP SUM CONSTRUCTION	LS	1	\$296,615.00	\$296,615.00	\$440,041.00	\$440,041.00	\$192,709.00	\$192,709.00
310-1101	GRADED AGGREGATE BASE COURSE, INCL MATL	TN	7400	\$21.90	\$162,060.00	\$22.00	\$162,800.00	\$15.95	\$118,030.00
318-3000	AGGREGATE SURFACE COURSE	TN	2300	\$19.99	\$45,977.00	\$20.00	\$46,000.00	\$13.45	\$30,935.00
402-1812	* RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	TN	8800	\$78.94	\$694,672.00	\$79.36	\$698,368.00	\$63.43	\$558,184.00
402-3121	* RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2 INCL BITUM MATL & H LIME	TN	3025	\$73.55	\$222,488.75	\$73.86	\$223,426.50	\$61.29	\$185,402.25
402-3130	* RECYCLED ASPH CONC 12.5MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	TN	3900	\$78.95	\$307,905.00	\$78.05	\$304,395.00	\$63.43	\$247,377.00
413-1000	* BITUM TACK COAT	GAL	2300	\$6.90	\$15,870.00	\$4.90	\$11,270.00	\$4.75	\$10,925.00
432-5010	MILL ASPH CONC PMT, VARIABLE DEPTH	SY	7300	\$2.50	\$18,250.00	\$2.40	\$17,520.00	\$2.00	\$14,600.00
441-0016	DRIVEWAY CONCRETE, 6 IN THICK	SY	2700	\$38.77	\$104,679.00	\$43.70	\$117,990.00	\$33.67	\$90,909.00
441-0104	CONC SIDEWALK, 4 IN	SY	4700	\$44.49	\$209,103.00	\$34.00	\$159,800.00	\$27.77	\$130,519.00
441-0748	CONC MEDIAN, 6 IN, (DOWELED, TP 7 FACE)	SY	175	\$41.63	\$7,285.25	\$54.00	\$9,450.00	\$39.67	\$6,942.25
441-5004	CONC HEADER CURB, 10 IN, TP 4	LF	200	\$16.77	\$3,354.00	\$18.00	\$3,600.00	\$18.33	\$3,666.00
441-6012	CONC CURB & GUTTER, 6 IN X 24 IN, TP 2	LF	1625	\$15.45	\$25,106.25	\$18.00	\$29,250.00	\$11.83	\$19,223.75
441-6022	CONC CURB & GUTTER, 6 IN X 30 IN, TP 2	LF	13750	\$14.75	\$202,812.50	\$20.00	\$275,000.00	\$12.66	\$174,075.00
500-3101	CLASS "A" CONCRETE	CY	115	\$654.39	\$75,254.85	\$628.74	\$72,305.10	\$840.00	\$96,600.00
500-3200	CLASS "B" CONCRETE	CY	80	\$545.27	\$43,621.60	\$206.20	\$16,496.00	\$730.00	\$58,400.00
500-3201	CLASS "B" CONCRETE RETAINING WALL	CY	170	\$294.12	\$50,000.40	\$696.00	\$118,320.00	\$830.00	\$141,100.00
500-3800	CLASS "A" CONCRETE, INCL REINF STEEL	CY	30	\$705.02	\$21,150.60	\$893.80	\$26,814.00	\$890.00	\$26,700.00
500-9999	CLASS "B" CONCRETE BASE AND PAVEMENT WIDENING	CY	300	\$190.00	\$57,000.00	\$201.00	\$60,300.00	\$115.00	\$34,500.00
511-1000	BAR REINF STEEL	LB	11000	\$1.82	\$20,020.00	\$1.20	\$13,200.00	\$1.25	\$13,750.00
550-1080	STORM DRAIN PIPE, 8 IN, H 1 - 10 (YARD DRAINS, PVC PIPE)	LF	1000	\$8.36	\$8,360.00	\$13.70	\$13,700.00	\$13.09	\$13,090.00
550-1120	STORM DRAIN PIPE, 12 IN, H 1 - 10 (YARD DRAINS, PVC	LF	1000	\$13.47	\$13,470.00	\$20.30	\$20,300.00	\$15.45	\$15,450.00
550-1150	STORM DRAIN PIPE, 15 IN, H 1 - 10 (YARD DRAINS, PVC	LF	1000	\$28.99	\$28,990.00	\$29.70	\$29,700.00	\$17.66	\$17,660.00
550-1180	STORM DRAIN PIPE, 18 IN, H 1 - 10 (R.C.P.)	LF	4100	\$38.00	\$155,800.00	\$31.80	\$130,380.00	\$27.48	\$112,668.00
550-1181	STORM DRAIN PIPE, 18 IN, H 1 - 10 DUCTILE IRON	LF	500	\$75.00	\$37,500.00	\$86.22	\$43,110.00	\$55.06	\$27,530.00

PAY ITEM	DESCRIPTION	UNITS	QTY	Blair Construction		Beam's Contracting		Mabus Bros.	
				UNIT	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
550-1240	STORM DRAIN PIPE, 24 IN, H 1 - 10 (R.C.P.)	LF	1356	\$50.00	\$67,800.00	\$41.00	\$55,596.00	\$34.43	\$46,687.08
550-1241	STORM DRAIN PIPE, 24 IN, H 1 - 10 CLASS IV (R.C.P.)	LF	120	\$54.00	\$6,480.00	\$46.92	\$5,630.40	\$36.89	\$4,426.80
550-1242	STORM DRAIN PIPE, 24 IN, H 1 - 10 DUCTILE IRON	LF	100	\$92.00	\$9,200.00	\$123.33	\$12,333.00	\$75.75	\$7,575.00
550-1300	STORM DRAIN PIPE, 30 IN, H 1 - 10 (R.C.P.)	LF	850	\$68.00	\$57,800.00	\$67.41	\$57,298.50	\$46.59	\$39,601.50
550-1301	STORM DRAIN PIPE, 30 IN, H 1 - 10 CLASS IV R.C.P.	LF	440	\$77.88	\$34,267.20	\$76.85	\$33,814.00	\$49.84	\$21,929.60
550-1360	STORM DRAIN PIPE, 36 IN, H 1 - 10 (R.C.P.)	LF	420	\$79.00	\$33,180.00	\$85.00	\$35,700.00	\$56.78	\$23,847.60
550-1420	STORM DRAIN PIPE, 42 IN, H 1 - 10 (R.C.P.)	LF	16	\$100.78	\$1,612.48	\$99.65	\$1,594.40	\$79.86	\$1,277.76
550-1421	STORM DRAIN PIPE, 42 IN, H 1 - 10 DUCTILE IRON	LF	50	\$351.18	\$17,559.00	\$248.26	\$12,413.00	\$200.09	\$10,004.50
550-4236	FLARED END SECTION 36 IN, STORM DRAIN (WITH TOE WALLS)	EA	1	\$975.70	\$975.70	\$840.00	\$840.00	\$1,665.00	\$1,665.00
603-0006	STONE BLANKET PROTECTION 6 IN	SY	250	\$4.65	\$1,162.50	\$12.75	\$3,187.50	\$22.26	\$5,565.00
603-1018	STONE PLAIN RIP - RAP, 18 IN	SY	250	\$55.00	\$13,750.00	\$38.00	\$9,500.00	\$37.00	\$9,250.00
610-0200	REM CHLK FENCE, ALL SIZES & TYPES	LF	4643	\$1.99	\$9,239.57	\$3.90	\$18,107.70	\$6.00	\$27,858.00
610-0220	REM WOOD FENCE	LF	1105	\$2.99	\$3,303.95	\$4.36	\$4,817.80	\$6.50	\$7,182.50
611-4001	RECONSTRUCT MINOR DRAINAGE STRUCTURE	EA	1	\$1,100.00	\$1,100.00	\$1,244.05	\$1,244.05	\$1,100.00	\$1,100.00
611-5030	RESET WOOD FENCE	LF	4643	\$9.99	\$46,383.57	\$7.63	\$35,426.09	\$4.00	\$18,572.00
611-8050	ADJUST MANHOLE TO GRADE	EA	25	\$14.00	\$350.00	\$15.26	\$381.50	\$11.50	\$287.50
611-8055	ADJUST MINOR STRUCTURE TO GRADE	EA	10	\$467.50	\$4,675.00	\$772.26	\$7,722.60	\$400.00	\$4,000.00
611-8120	ADJUST WATER METER TO GRADE	EA	6	\$792.00	\$4,752.00	\$1,229.05	\$7,374.30	\$1,220.00	\$7,320.00
611-8140	ADJUST WATER VALVE BOX TO GRADE	EA	3	\$88.00	\$264.00	\$118.00	\$354.00	\$119.79	\$359.37
611-9000	CAPPING MINOR STRUCTURE	EA	1	\$201.66	\$201.66	\$303.50	\$303.50	\$260.00	\$260.00
636-1020	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	SY	124	\$605.00	\$75,020.00	\$684.85	\$84,918.40	\$625.00	\$77,500.00
636-1031	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 6	SY	203	\$20.46	\$4,153.38	\$19.72	\$4,003.16	\$18.60	\$3,775.80
636-1032	HIGHWAY SIGNS, TP 2, MATL, REFL SHEETING, TP 6	SY	73	\$26.73	\$1,951.81	\$25.76	\$1,889.08	\$24.30	\$1,773.90
636-2070	GALV STEEL POSTS, TP 7	LF	550	\$40.48	\$22,264.00	\$39.00	\$21,405.00	\$36.80	\$20,336.00
639-2002	STEEL WIRE STRAND CABLE, 3/8 IN	LF	250	\$19.14	\$4,785.00	\$18.44	\$4,610.00	\$17.40	\$4,350.00
639-5000	PRESTRESSED CONC STRAIN POLE, TP IV	EA	6	\$3.74	\$22.44	\$3.60	\$21.60	\$3.40	\$20.40
641-1200	GUARD RAIL, TP 12	LF	425	\$6,908.00	\$2,946,900.00	\$6,656.80	\$2,819,040.00	\$6,280.00	\$2,658,400.00
641-5012	GUARDRAIL ANCHORAGE, TYPE 12	EA	7	\$34.16	\$239.12	\$25.50	\$178.50	\$23.40	\$163.80
647-1000	TRAFFIC SIGNAL, INSTALLATION NO. 1	EA	1	\$1,210.00	\$1,210.00	\$1,744.00	\$1,744.00	\$1,600.00	\$1,600.00
652-6501	SKIP TRAFFIC STRIPE, 5 IN, WHITE	LS	1	\$54,945.00	\$54,945.00	\$52,947.00	\$52,947.00	\$52,950.00	\$52,950.00
653-0100	THERMOPLASTIC PVMT MARKING, RR/HWY CROSSING SYMBOL	GLF	460	\$0.22	\$101.20	\$0.21	\$96.60	\$0.20	\$92.00
653-0110	THERMOPLASTIC PVMT MARKING, ARROW, TP 1	EA	2	\$385.00	\$770.00	\$371.00	\$742.00	\$350.00	\$700.00
653-0120	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	EA	41	\$66.00	\$2,706.00	\$63.60	\$2,609.60	\$60.00	\$2,460.00
653-0210	THERMOPLASTIC PVMT MARKING, WORD, TP 1	EA	6	\$71.50	\$429.00	\$68.90	\$413.40	\$65.00	\$390.00
653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	LF	1540	\$110.00	\$169,400.00	\$106.00	\$163,240.00	\$100.00	\$154,000.00
653-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	LF	12900	\$0.33	\$425.70	\$0.32	\$412.80	\$0.30	\$387.00
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	LF	590	\$0.27	\$158.10	\$0.27	\$158.10	\$0.25	\$147.00
				\$3.30	\$1,947.00	\$3.18	\$1,876.20	\$3.00	\$1,770.00

PAY ITEM	DESCRIPTION	UNITS	QTY	Blair Construction		Beam's Contracting		Mabus Bros. Const. Co.	
				UNIT	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	LF	6600	\$1.81	\$11,946.00	\$1.74	\$11,484.00	\$1.65	\$10,890.00
653-3501	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	GLF	1000	\$0.22	\$220.00	\$0.21	\$210.00	\$0.20	\$200.00
653-3502	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, YELLOW	GLF	7000	\$0.19	\$1,330.00	\$0.19	\$1,330.00	\$0.18	\$1,260.00
653-6004	THERMOPLASTIC TRAF STRIPING WHITE	SY	450	\$3.30	\$1,485.00	\$3.18	\$1,431.00	\$3.00	\$1,350.00
653-6006	THERMOPLASTIC TRAF STRIPING, YELLOW	SY	400	\$3.30	\$1,320.00	\$3.18	\$1,272.00	\$3.00	\$1,200.00
654-1001	RAISED PAVEMENT MARKERS, TP 1	EA	170	\$4.40	\$748.00	\$4.24	\$720.80	\$4.00	\$680.00
654-1003	RAISED PAVEMENT MARKERS TP 3	EA	124	\$4.40	\$545.60	\$4.24	\$525.76	\$4.00	\$496.00
668-1100	CATCH BASIN, GP 1	EA	73	\$2,918.44	\$213,046.12	\$2,588.00	\$188,924.00	\$1,988.00	\$145,124.00
668-1110	CATCH BASIN, GP 1, ADDL DEPTH	LF	35	\$94.38	\$3,303.30	\$149.60	\$5,236.00	\$158.50	\$5,547.50
668-1200	CATCH BASIN, GP 2	EA	4	\$4,784.17	\$19,136.68	\$3,488.78	\$13,955.12	\$3,577.00	\$14,308.00
668-2100	DROP INLET, GP 1	EA	5	\$1,563.76	\$7,818.80	\$1,388.00	\$6,940.00	\$1,577.00	\$7,885.00
668-2110	DROP INLET, GP1, ADDL DEPTH	LF	13	\$119.72	\$1,556.36	\$119.45	\$1,552.85	\$181.00	\$2,353.00
668-2200	DROP INLET, GP 2	EA	2	\$3,401.75	\$6,803.50	\$1,514.40	\$3,028.80	\$2,365.00	\$4,730.00
668-4300	STORM SEWER MANHOLE, TP 1	EA	7	\$1,587.13	\$11,109.91	\$1,516.45	\$10,615.15	\$1,619.00	\$11,333.00
668-4311	STORM SEWER MANHOLE, TP 1, ADDL DEPTH, CL 1	LF	4	\$119.62	\$478.48	\$130.35	\$521.40	\$181.00	\$724.00
668-4400	STORM SEWER, MANHOLE, TP 2	EA	1	\$3,752.10	\$3,752.10	\$2,397.44	\$2,397.44	\$2,101.00	\$2,101.00
668-4411	STORM SEWER, MANHOLE, TP 2, ADDL DEPTH, CL 1	LF	1	\$162.80	\$162.80	\$206.43	\$206.43	\$245.00	\$245.00
668-5000	JUNCTION BOX, WITH RING AND COVER	EA	2	\$5,688.65	\$11,377.30	\$1,188.34	\$2,376.68	\$3,864.00	\$7,728.00
668-7000	DRIVEWAY GRATE INLET, SPECIAL DESIGN, PIPE SIZE - 18"	EA	1	\$3,256.00	\$3,256.00	\$2,748.28	\$2,748.28	\$8,418.28	\$8,418.28
668-7015	DRAIN INLET, 15 IN (YARD DRAIN)	EA	61	\$302.50	\$18,452.50	\$1,399.27	\$85,355.47	\$399.54	\$24,371.94
670-9720	RELOCATE EXISTING WATER VALVE, INCL BOX	EA	2	\$430.10	\$860.20	\$442.96	\$885.92	\$300.00	\$600.00
670-9730	RELOCATE WATER METER, INCL BOX	EA	28	\$485.10	\$13,582.80	\$325.69	\$9,119.32	\$300.63	\$8,417.64
670-9920	REMOVE EXISTING FIRE HYDRANT	EA	4	\$732.60	\$2,930.40	\$460.55	\$1,842.20	\$501.25	\$2,005.00
700-6910	GRASSING PERMANENT (3.5 AC.)	AC	3.5	\$1,950.00	\$6,825.00	\$2,616.00	\$9,156.00	\$2,500.00	\$8,750.00
PAY ITEM 230 - 1000 LUMP SUM CONSTRUCTION INCLUDES, BUT NOT LIMITED TO THE FOLLOWING:									
	ANY WORK WITHOUT SPECIFIC ITEMS	LS	1					\$53,675.00	
	CLEARING AND GRUBBING	LS	1					\$35,000.00	
	OBTAINING, MAINTAINING AND RESTORATION OF BORROW AND/OR WASTE PITS	LS	1					\$2,000.00	
	REMOVALS	LS	1					\$55,634.00	
	BONDS	LS	1					\$23,000.00	
	INSURANCE	LS	1					\$23,000.00	
	WATER SERVICE, 1" COPPER, RECONNECT TO ADJUSTED METER BOX	LS	1					\$300.00	
	REMIT EXISTING FIRE HYDRANT TO AUGUSTA UTILITIES DEPARTMENT	LS	1					\$100.00	
PAY ITEM 210 -01000 GRADING COMPLETE									
	CUT	CY	6180					\$20.28	
	FILL:	CY	4400					\$20.28	

PAY ITEM	DESCRIPTION	UNITS	QTY	Blair Construction		Beam's Contracting		Mabus Bros. Const. Co.	
				UNIT	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	BORROW:								
	* NOTE QUANTITIES FOR INFORMATION ONLY								
S-11A	8" DIAMETER DUCTILE IRON SANITARY SEWER PIPE CLASS 350, DEPTH 8' TO 10', COATED WITH PROTECTO 401	LF	75	\$119.76	\$8,982.00	\$59.00	\$4,425.00	\$45.01	\$3,375.75
S-11B	10" DIAMETER DUCTILE IRON SANITARY SEWER PIPE CLASS 350, DEPTH 8' TO 10', COATED WITH PROTECTO 401	LF	325	\$140.21	\$45,568.25	\$60.57	\$19,685.25	\$51.79	\$16,831.75
S-11C	12" DIAMETER DUCTILE IRON SANITARY SEWER PIPE CLASS 350, DEPTH 8' TO 10', COATED WITH PROTECTO 401	LF	75	\$139.26	\$10,444.50	\$116.84	\$8,763.00	\$59.46	\$4,459.50
S-19	MISCELLANEOUS PIPE FITTINGS AND CONNECTIONS	LBS	500	\$3.42	\$1,710.00	\$3.38	\$1,690.00	\$3.94	\$1,970.00
W-2A	6" DIAMETER DUCTILE IRON WATER TRANSMISSION MAIN CLASS 350, STANDARD JOINT	LF	5600	\$25.16	\$140,896.00	\$26.76	\$149,856.00	\$16.97	\$95,032.00
W-2C	10" DIAMETER DUCTILE IRON WATER TRANSMISSION MAIN CLASS 350, STANDARD JOINT	LF	2300	\$35.54	\$81,742.00	\$36.08	\$82,984.00	\$26.90	\$61,870.00
W-2D	12" DIAMETER DUCTILE IRON WATER TRANSMISSION MAIN CLASS 350, STANDARD JOINT	LF	1000	\$43.37	\$43,370.00	\$44.86	\$44,860.00	\$34.25	\$34,250.00
W-2F	16" DIAMETER DUCTILE IRON WATER TRANSMISSION MAIN CLASS 350, STANDARD JOINT	LF	300	\$61.78	\$18,534.00	\$67.04	\$20,112.00	\$53.97	\$16,191.00
W-2G	18" DIAMETER DUCTILE IRON WATER TRANSMISSION MAIN CLASS 350, STANDARD JOINT	LF	1300	\$74.61	\$96,993.00	\$86.69	\$112,697.00	\$63.84	\$82,992.00
W-6	MISCELLANEOUS PIPE FITTINGS AND CONNECTIONS	LB	10000	\$3.42	\$34,200.00	\$2.40	\$24,000.00	\$3.94	\$39,400.00
W-7	6" DIAMETER TRANSITION COUPLINGS (6" HYMAX COUPLING OR EQUIVALENT)	EA	4	\$204.32	\$817.28	\$272.82	\$1,091.28	\$163.27	\$653.08
W-7	10" DIAMETER TRANSITION COUPLINGS (10" HYMAX COUPLING OR EQUIVALENT)	EA	4	\$320.65	\$1,282.60	\$390.82	\$1,563.28	\$248.28	\$993.12
W-7	12" DIAMETER TRANSITION COUPLINGS (12" HYMAX COUPLING OR EQUIVALENT)	EA	4	\$429.55	\$1,718.20	\$501.13	\$2,004.52	\$326.25	\$1,305.00
W-7	16" DIAMETER TRANSITION COUPLINGS (16" HYMAX COUPLING OR EQUIVALENT)	EA	4	\$941.32	\$3,765.28	\$1,005.48	\$4,021.92	\$802.21	\$3,208.84
W-7	18" DIAMETER TRANSITION COUPLINGS (18" HYMAX COUPLING OR EQUIVALENT)	EA	4	\$1,108.25	\$4,433.00	\$1,177.33	\$4,709.32	\$922.08	\$3,688.32
W-8	FIRE HYDRANT, INSTALLED COMPLETE WITH VALVE, LEAD PIPE, JOINT RESTRAINT, AND BLOCKING	EA	7	\$3,770.80	\$26,395.60	\$3,504.94	\$24,534.58	\$3,314.88	\$23,204.16
W-10A	6" IN-LINE GATE VALVE, INCLUDING VALVE BOX, INSTALLED, COMPLETE, OPEN LEFT	EA	40	\$794.60	\$31,784.00	\$677.09	\$27,083.60	\$558.25	\$22,330.00
W-10C	10" IN-LINE GATE VALVE, INCLUDING VALVE BOX, INSTALLED, COMPLETE, OPEN LEFT	EA	9	\$1,640.34	\$14,763.06	\$1,453.40	\$13,080.60	\$1,195.49	\$10,759.41

PAY ITEM	DESCRIPTION	UNITS	QTY	Blair Construction		Beam's Contracting		Mabus Bros. Const. Co.	
				UNIT	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
W-10D	12" IN-LINE GATE VALVE, INCLUDING VALVE BOX INSTALLED, COMPLETE, OPEN LEFT	EA	1	\$2,050.40	\$2,050.40	\$1,830.68	\$1,830.68	\$1,551.42	\$1,551.42
W-10F	16" IN-LINE GATE VALVE, INCLUDING VALVE BOX, INSTALLED, COMPLETE, OPEN LEFT	EA	3	\$8,116.16	\$24,348.48	\$7,643.39	\$22,930.17	\$4,751.00	\$14,253.00
W-10G	18" IN-LINE GATE VALVE, INCLUDING VALVE BOX, INSTALLED, COMPLETE, OPEN LEFT	EA	4	\$9,277.12	\$37,108.48	\$8,520.55	\$34,082.20	\$7,686.79	\$30,747.16
W-15	NEW 6" LONG SIDE WATER SERVICE, INSTALLED, INCLUDING RE-CONNECTION, COMPLETE	EA	12	\$2,323.47	\$27,881.64	\$1,295.82	\$15,549.84	\$1,300.00	\$15,600.00
W-16	NEW 6" SHORT SIDE WATER SERVICE, INSTALLED, INCLUDING RE-CONNECTION, COMPLETE	EA	29	\$785.66	\$22,784.14	\$518.15	\$15,026.35	\$520.00	\$15,080.00
W-18	TIE-IN TO EXISTING LINE	EA	1	\$1,570.80	\$1,570.80	\$16,429.50	\$16,429.50	\$455.00	\$455.00
Total Bid Tab					\$5,876,543.21		\$5,711,393.46		\$4,549,000.00
Submitted Bid					\$5,876,543.21		\$5,711,071.46		
Difference						Increase	\$322.00		



W R Toole Engineers, Inc.

Engineers * Consultants * Planners

June 11, 2008

City of Augusta, Georgia Engineering Department
505 Telfair Street
Augusta, Georgia 30901

Attention: Mr. Abie Ladson, PE; Director

Subject: Windsor Spring Road Improvement Project
Augusta, Georgia Project #323-04-296823516
Proposal for Construction Management & Inspection Services

Mr. Ladson:

W.R. Toole Engineers, Inc. appreciates this opportunity to provide Augusta Engineering Department with a proposal for Construction Management and Inspection services for the subject project. WRTE has successfully provided complete Construction Management services for similar roadway and infrastructure improvement projects. We are very familiar with the project and required project scope having provided Professional Engineering design services for the project.

The attached proposal outlines the project description, opinion of probable construction cost and our proposed scope of work for pre-construction, construction and post-construction phases.

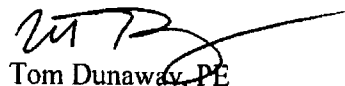
Again, thank you for the opportunity of providing you with this proposal. WRTE will contact you during the week of June 16t, 2008 to see if any additional information is needed.

Sincerely,

W.R. TOOLE ENGINEERS, INC.



Erik Hammarlund, PE
Vice President



Tom Dunaway, PE
Senior Project Manager

1005 Broad Street, Suite 200, Augusta, GA 30901
phone - 706.722.4114 * fax - 706.722.6219 * web - www.wrtoole.com

WINDSOR SPRING ROAD IMPROVEMENT PROJECT
CITY OF AUGUSTA, GEORGIA PROJECT #323-04-296823516

PROPOSAL FOR CONSTRUCTION MANAGEMENT & INSPECTION SERVICES

Project Location:

The section of Windsor Spring Road proposed for improvement is located between U.S. Highway 25 (Peach Orchard Road) and Old Louisville Road in Richmond County, Georgia.

Project Description:

Windsor Spring Road is an Urban Collector route with a 35-mph posted speed limit. The 1.14-mile project begins at Peach Orchard Road and ends at the Old Louisville Road intersection. Improvements include a widened road section to include a new center turn lane, new concrete curb & gutter, new pedestrian facilities (sidewalks), the replacement of an old bridge with a new box culvert, the replacement of open ditch sections with a new closed-pipe storm sewer system and improved traffic access to an Elementary School. Significant utility relocation will be required to facilitate construction.

W. R. Toole Engineers, Inc. (WRTE) originally prepared construction documents for the Windsor Spring Road Improvement Project and submitted these documents on May 1, 2000. WRTE was contracted again to update the construction documents to comply with new ADA standards and to reflect recently improved commercial properties in the project area. Final submittal of the updated construction documents is scheduled for late January 2008.

Opinion of Probable Construction Cost:

The opinion of probable construction cost is outlined below.

- **Windsor Spring Road Improvement Project: \$5,600,000**

Project Schedule:

WRTE estimates a 15-month construction schedule for this project.

Scope of Services:

WRTE understands that the scope of work includes the management and oversight of pre-construction, construction and post-construction project phases. Specific services that will be provided per phase include:

PRE-CONSTRUCTION

- Coordinate project advertisement with City of Augusta Procurement Department
- Coordinate Pre-Qualification of Contractors as necessary
- Attend Pre-Bid Meeting & Record Minutes
- Coordinate Meeting with GDOT
- Answer Pre-Bid Questions and Issue Addenda as necessary
- Attend Bid Opening and Review Project Bids / Contractor References
- Issue Award Recommendation
- Issue Notice of Intent to local review agency
- Coordinate Bond Requirements and Contact Execution
- Facilitate Budget and Schedule meeting with Project Stakeholders
- Solicit and Review preliminary Project Schedule (provided by Contractor)

CONSTRUCTION PHASE

- Facilitate Pre-Construction Meeting
- Prepare and distribute Communications Plan, Document Distribution Plan, Quality Control Plan
- Coordinate Utility Review Meeting with Contractor, City, and Utility owners
- Review Material Submittals
- Prepare and issue Notice to Proceed
- Facilitate Project Kick-Off Meeting (to include GDOT)
- Provide daily construction inspection for life of project. Inspection services will be provided to confirm that construction is in accordance with plans and specifications.¹
- Provide Field Engineering services based on presence of unforeseen conditions.
- Manage Change Order process
- Project Budget Control - Bid Schedule Quantity Management
- Review monthly Pay Requests and Issue Recommendations for Payment.
- Coordinate Weekly Site Meetings with Project Superintendent, City of Augusta and Engineer.
- Provide Monthly Project Budget Updates to Project Stakeholders
- Provide weekly and monthly Schedule Updates. Schedule updates will include tasks that have been completed, upcoming construction milestones, weather delays, extensions, etc.
- Assure that Record Drawings / Red-line As-Built are being maintained throughout construction
- Facilitate Punch List development meeting and follow-up correspondence

POST-CONSTRUCTION PHASE

- Coordinate final Quality Assessment meeting with Owner
 - Secure all Operations & Maintenance documents
 - Provide closeout documentation for relevant permits.
 - Develop Final Project Cost report
 - Facilitate Retainage distribution to Contractor
 - Facilitate Project Warranty meeting with all Project Stakeholders and Contractor
 - Compile Final Project Construction Management Manual including all testing and inspection reports, pay requests / distributions, closeout documents, etc.
 - Secure red line as-builts from Contractor. WRTE will prepare digital copies of red-line plans for delivery to Owner
-

Notes:

1. Inspection services are proposed for Augusta Engineering Department tasks only. We understand that Augusta Utilities Department will provide inspection services for their respective tasks.

Professional Fee Summary - Construction Management & Inspection			
 W.R. Toole Engineers, Inc.		Augusta, Georgia Engineering Department - Windsor Spring Road Widening Project	
OPINION OF PROBABLE CONSTRUCTION COST - AUGUSTA ENGINEERING DEPT. WORK		\$5,600,000.00	
Task	Description	Task Fee	Percentage of Construction Cost
1	Pre-Construction Phase	\$5,100.00	0.09%
2	Construction Phase	\$180,000.00	3.21%
3	Post Construction Phase	\$11,000.00	0.20%
		\$196,100.00	3.50%

6/5/2008

**AUGUSTA-RICHMOND COUNTY
DEPARTMENT OF PUBLIC WORKS & ENGINEERING
SUPPLEMENTAL AGREEMENT**

Project No. 323-04-296823516
SUPPLEMENTAL AGREEMENT NO. 4
P03054

WHEREAS, We, W. R. Toole Engineers, Inc., Consultant, entered into a contract with Augusta-Richmond County on October 5, 1999, for engineering design services associated with the Windsor Spring Road Improvements Project, Project No. 323-04-296823516, File Reference No. 03-014 (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 services required to assist in construction observation and field engineering.

It is agreed that as a result of the above modification the contract amount is increased by the amount of \$196,100.00 from \$171,680.50 to \$367,780.50.

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, W. R. Toole Engineers, Inc., 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

W. R. Toole Engineers, Inc.

Deke Copenhaver, Mayor

Approved: Date _____

Approved: Date _____
[ATTACH CORPORATE SEAL]

ATTEST:

Title: _____
Item # 16