



Engineering Services Committee Meeting Commission Chamber- 2/21/2011- 1:00 PM

ENGINEERING SERVICES

1. Approve the change order to Jeffery Harris Trucking Inc. in the amount of \$24,500 for the removal of 220 LF x 36" of failed CMP and installation of 220 x 36" LF of HDPE. ☐ [Attachments](#)

2. Approve supplemental agreement with B&E Electrical in the amount of \$258,212.30 for the Gordon Highway Adaptive Signal Project to install a traffic signal at the intersection of Jimmie Dyess Parkway and Harper Franklin Avenue as well as provide signal connectivity with Gate 1, install pedestrian facilities and intersection modifications as requested by AED. ☐ [Attachments](#)

3. Motion to approve an Option for the purposes of acquiring a Right-of-Way between William C. Howard, as owner, and Augusta, Georgia, as optionee, in connection with the Traffic Safety Improvements Project, in fee simple, consisting of (200 sq. ft.) more or less; and (N/A sq. ft.) of permanent easement, more or less; and (N/A sq. ft.) of temporary construction easement, private, at the purchase price of \$1,000.00. ☐ [Attachments](#)

4. Motion to discuss the implementation of Realizing The Garden City: The Augusta Sustainable Development Agenda. (Referred from February 7 Engineering Services meeting) ☐ [Attachments](#)

5. Discuss Regency Mall property. (Requested by Commissioner Johnson) ☐ [Attachments](#)

6. Discuss expanding service area solid waste collection contract. (Requested by Commissioner Lockett) ☐ [Attachments](#)

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Engineering Services Committee Meeting
2/21/2011 1:00 PM
Change Order: 4115 Burning Tree Lane

Department: Public Services - Maintenance Division

Caption: Approve the change order to Jeffery Harris Trucking Inc. in the amount of \$24,500 for the removal of 220 LF x 36" of failed CMP and installation of 220 x 36" LF of HDPE.

Background: The additional 220 LF is extremely needed but was unable to be detected until the original pipe was exposed. It is imperative that the additional work be performed to prevent future damage to private property.

Analysis: The added pipe was not apart of the original scope of work as there were no visible signs of deteriorate until the original pipe was exposed.

Financial Impact: Funds are available in SPLOST IV, Grading and Drainage. Account # 324041110/201824021

Alternatives: 1. Approve the change order to Jeffery Harris Trucking, Inc., in the amount of \$24,500 for the installation of 220 x 36" of HDPE. 2. None

Recommendation: Approve the change order

Funds are Available in the Following Accounts: 324041110/201824021

REVIEWED AND APPROVED BY:

Finance.
Procurement.
Law.
Administrator.
Clerk of Commission



Engineering Services Committee Meeting
2/21/2011 1:00 PM
Gordon Highway Adaptive Signal Project - SA1

Department: Abie L. Ladson, PE, CPESC, Director of Engineering

Caption: Approve supplemental agreement with B&E Electrical in the amount of \$258,212.30 for the Gordon Highway Adaptive Signal Project to install a traffic signal at the intersection of Jimmie Dyess Parkway and Harper Franklin Avenue as well as provide signal connectivity with Gate 1, install pedestrian facilities and intersection modifications as requested by AED.

Background: The citizens of Breckenridge and Elderberry subdivisions requested that the intersection of Jimmie Dyess Parkway (SR 383) and Harper-Franklin Avenue be investigated to determine if signalization, safety, or other operational improvements are warranted. In October 2010, a signal warrant and operational study was performed in accordance with the methodology presented in Manual on Uniform Traffic Control Devices. This study concluded that based on traffic volumes and accident history a signal was warranted at the intersection. Signal plans were submitted to Georgia DOT in November 2010 and signal permit was issued in February 2011.

Analysis: Based on existing traffic volumes, the intersection Jimmie Dyess Parkway (SR 383) and Harper Franklin Avenue meets the criteria established by the MUTCD at the 100% volume requirements for four of the nine signal warrants: Warrant 1 – Eight Hour Vehicular Volume; Warrant 2 – Four Hour Vehicular Volume; Warrant 3 – Peak Hour; and Warrant 7 – Crash Experience.

Financial Impact: Funds are available in SPLOST Phase IV Fund balance and the original developer has agreed to fund \$100,000 of the installation costs to be reimbursed to the county as property parcels are sold

Alternatives: 1) Approve supplemental agreement of B&E Electrical to install a traffic signal at the intersection of Jimmie Dyess Parkway and Harper Franklin Avenue. 2) Do not approve and upgrade signal at a later date that may result in increased costs due to sidewalk, landscaping, and street lighting replacement.

Recommendation: Approve Alternative Number One.

Funds are Available in the Following Accounts: SPLOST Phase IV Fund balance

Cover Memo

REVIEWED AND APPROVED BY:

Finance.

Procurement.

Law.

Administrator.

Clerk of Commission

Please do not process this document. Once approved by the Commission the original will be sent to the Clerk of Commission for execution. For information reference this request, contact Engineering at ext 5070. Thanks

ENGINEERING DEPARTMENT SUPPLEMENTAL AGREEMENT

Augusta Richmond County Project Number(s):	N/A
Supplemental Agreement Number:	1
Purchase Order Number:	P185907

WHEREAS, We, "B/E Electrical Contractor.", entered into a contract with Augusta-Richmond County on "September 21, 2010", for "**Gordon Highway Adaptive Traffic Control System**", Project No. N/A, File Reference No. 10-014 (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 services to install a traffic signal at the intersection of
Jimmie Dyess Parkway and Harper Franklin Avenue***

It is agreed that as a result of the above described modification the contract amount is increased by **\$258,212.30.00** from **\$104,660.00** to a new total of **\$362,872.30.**

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, "B/E Electrical Contractor.", 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 _____, 2011.

RECOMMEND FOR APPROVAL:

CITY OF AUGUSTA-RICHMOND COUNTY
AUGUSTA, GEORGIA

Honorable Mayor, Deke Copenhaver
Approved: Date _____

Approved: Date _____
[ATTACHED CORPORATE SEAL]

ATTEST:

Title: _____

**GORDON HIGHWAY ADAPTIVE CONTROL SYSTEM
SUPPLEMENTAL PROPOSAL**

Date: 01-14-2011

**JIMMIE DYESS PARKWAY AT HARPER FRANKLIN AVENUE
SIGNAL INSTALLATION
PROJECT NUMBER:**

In strict accordance with the Contract Documents and in consideration of the amounts shown on the Bid Schedule attached hereto and totaling:

Two hundred & fifty-eight thousand - two hundred & twelve dollars & thirty cents
DOLLARS (\$ 258,212.³⁰)

The undersigned hereby agrees that, upon written acceptance of this bid, he will within 10 days of receipt of such notice execute a formal contract agreement with the OWNER, and that he will provide the bond or guarantees required by the Contract Documents.

The undersigned hereby agrees that, he will commence the work within 10 calendar days after the date of written notice to proceed, and that he will complete the work within 180 calendar days.

The undersigned acknowledges receipt of the following addenda:

Respectfully submitted

BIE Electrical Contractors, Inc.
(Name of Firm)

6136 Columbia Rd. Gresham, OR 97030
(Business Address)

By: Rosa Ann Bower

Title: President

**JIMMY DYESS PARKWAY AT HARPER FRANKLIN AVENUE
SIGNAL INSTALLATION
PROJECT NUMBER:**

ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
ROADWAY ITEMS					
001-1000	FORCE ACCOUNT	LS	1	20,000.00	20,000.00
150-1000	TRAFFIC CONTROL	LS	1	7200. ⁰⁰	7200. ⁰⁰
441-0140	CONCRETE SIDEWALK, 6 IN	SY	145	67.16	9738.20
610-0714	REMOVE MEDIAN	SY	248	33.00	8,184. ⁰⁰
SIGNING & MARKING					
636-1029	HIGHWAY SIGNS, TP 2 MATL REFLECTIVE SHEETING TP 3	SF	33	39.30	1303.50
653-0120	Preformed Plastic THERMOPLASTIC PAVEMENT MARKING, ARROW, TYPE 2	EA	23	354. ⁰⁰	8142. ⁰⁰
653-0130	Preformed Plastic THERMOPLASTIC PAVEMENT MARKING, ARROW, TYPE 3	EA	2	530. ⁰⁰	1060. ⁰⁰
653-1501	Preformed Plastic THERMOPLASTIC SOLID TRAFFIC STRIPE, 5 IN WHITE	LF	150	4.65	697.50
653-1502	Preformed Plastic THERMOPLASTIC SOLID TRAFFIC STRIPE, 5 IN YELLOW	LF	300	4.65	1395. ⁰⁰
653-1704	Preformed Plastic THERMOPLASTIC SOLID TRAFFIC STRIPE, 24 IN WHITE	LF	165	17.66	2913.90
653-1804	Preformed Plastic THERMOPLASTIC SOLID TRAFFIC STRIPE, 8 IN WHITE	LF	1170	7.01	8201.70
653-2840	Preformed Plastic THERMOPLASTIC PAVEMENT MARKING WORD, TYPE 1	EA	1	590. ⁰⁰	590. ⁰⁰
653-3501	Preformed Plastic THERMOPLASTIC SKIP TRAFFIC STRIPE, 5 IN WHITE	GLF	100	3.48	348. ⁰⁰
656-0050	REMOVE EXIST SOLID TRAF STRIPE, 5 IN THERMOPLASTIC	LF	80	.90	72. ⁰⁰
656-0240	REMOVE EXIST SOLID TRAF STRIPE, 24 IN THERMOPLASTIC	LF	26	3.00	78. ⁰⁰
656-1050	REMOVE EXIST SKIP TRAF STRIPE, 5 IN THERMOPLASTIC	GLF	80	.80	64. ⁰⁰
SIGNAL ITEMS					
615-1200	DIRECTIONAL BORE - 5 IN	LF	335	10.50	3517.50
639-4004	PRESTRESSED CONCRETE STRAIN POLE, TP IV	EA	4	5279. ⁰⁰	21,116. ⁰⁰
647-1000	TRAFFIC SIGNAL INSTALLATION NO. 1	LUMP	1	55,655. ⁰⁰	55,655. ⁰⁰
682-6110	CONDUIT, RIGID, TP 2 1 IN	LF	40	↑	↑

Price
← Includes
the next
5 items
↓

682-6120	CONDUIT, RIGID, TP 2 2 IN	LF	15	↑	↑
682-6222	CONDUIT, NONMETAL, TP 2, 2 IN	LF	160	↑	↑
682-6233	CONDUIT, NONMETAL, TP 3, 2 IN	LF	820	↑	↑
935-8000	TESTING	LUMP	LUMP	↑	↑
COMMUNICATION ITEMS					
615-1200	DIRECTIONAL BORE - 5 IN	LF	140 24	10.50	1,470.00
647-2140	PULL BOX ASSEMBLY, TYPE 4	EA	7.5	980.00	6,860.00
647-2150	PULL BOX ASSEMBLY, TYPE 5	EA	1	1,140.00	1,140.00
682-6222	CONDUIT, NONMETAL TP 3-2IN	LF	3000 2628	6.50	19,500.00
935-1113	OUTSIDE PLANT FIBER OPTIC CABLE, LOOSE TUBE, SINGLE MODE, 24 FIBER	LF	3900 2966	4.80	18,720.00
935-1511	OUTSIDE PLANT FIBER OPTIC CABLE, LOOSE TUBE, SINGLE MODE, 6 FIBER	LF	420 65	8.30	3,486.00
935-3103	FIBER OPTIC CLOSURE, UNDERGROUND, 24 FIBER	EA	1		NA
935-3203	FIBER OPTIC CLOSURE, AERIAL (SEALED), 24 FIBER	EA	2	850.00	1,700.00
935-4010	FIBER OPTIC SPLICE, FUSION	EA	4	75.00	300.00
935-6572	EXTERNAL STAR TRANSCEIVER, 1310 SINGLE MODE	EA	4 2	60.00	240.00
935-8000	TESTING	LUMP	LUMP	2000.00	2000.00
INSYNC ADAPTIVE CONTROL SYSTEM					
N/A	Complete InSync® Fusion Installation per Specs provided by Rhythym Engineering	1	EA	49940.00	49,940.00

2" Rigid Conduit Pole Riser

2 EA 250.00 1,700.00

1/4" Span Wire

400 LF 2.20 880.00



**Engineering Services Committee Meeting
2/21/2011 1:00 PM
Option for Right of Way**

Department: Law

Caption: Motion to approve an Option for the purposes of acquiring a Right-of-Way between William C. Howard, as owner, and Augusta, Georgia, as optionee, in connection with the Traffic Safety Improvements Project, in fee simple, consisting of (200 sq. ft.) more or less; and (N/A sq. ft.) of permanent easement, more or less; and (N/A sq. ft.) of temporary construction easement, private, at the purchase price of \$1,000.00.

Background: The property owner has agreed to convey a certain right-of-way and easement to Augusta, Georgia, for the Traffic Safety Improvements 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

Recommendation: Approve the motion

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

REVIEWED AND APPROVED BY:

**Finance.
Law.
Administrator.
Clerk of Commission**

AUGUSTA, GEORGIA
OPTION FOR RIGHT-OF-WAY

GEORGIA, RICHMOND COUNTY

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:

~~\$\$\$~~
1000.00

If the said Augusta, Georgia, shall within 60 days after date hereof, pay me the sum of ~~\$800.00~~; 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 TRAFFIC SAFETY IMPROVEMENTS PROJECT, being Tax Map 035-2, Parcel(s) 062, consisting of 200 sq. ft. in fee, more or less, and N/A sq. ft. of permanent drainage, utility and maintenance easement, more or less, and N/A sq. ft. of temporary construction easement, more or less, on project TRAFFIC SAFETY IMPROVEMENTS PROJECT.

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

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 the TRAFFIC SAFETY IMPROVEMENTS PROJECT.

Witness my hand and seal this 4 day of Feb., 20 11.

Signed, Sealed and Delivered
in the presence of:

W. E. S.
Unofficial Witness
Amy Burton
NOTARY PUBLIC

AMY BURTON
NOTARY PUBLIC
Richmond County
State of Georgia
My Comm. Expires April 26, 2014

William C. Howard (L.S.)

(L.S.)

(L.S.)

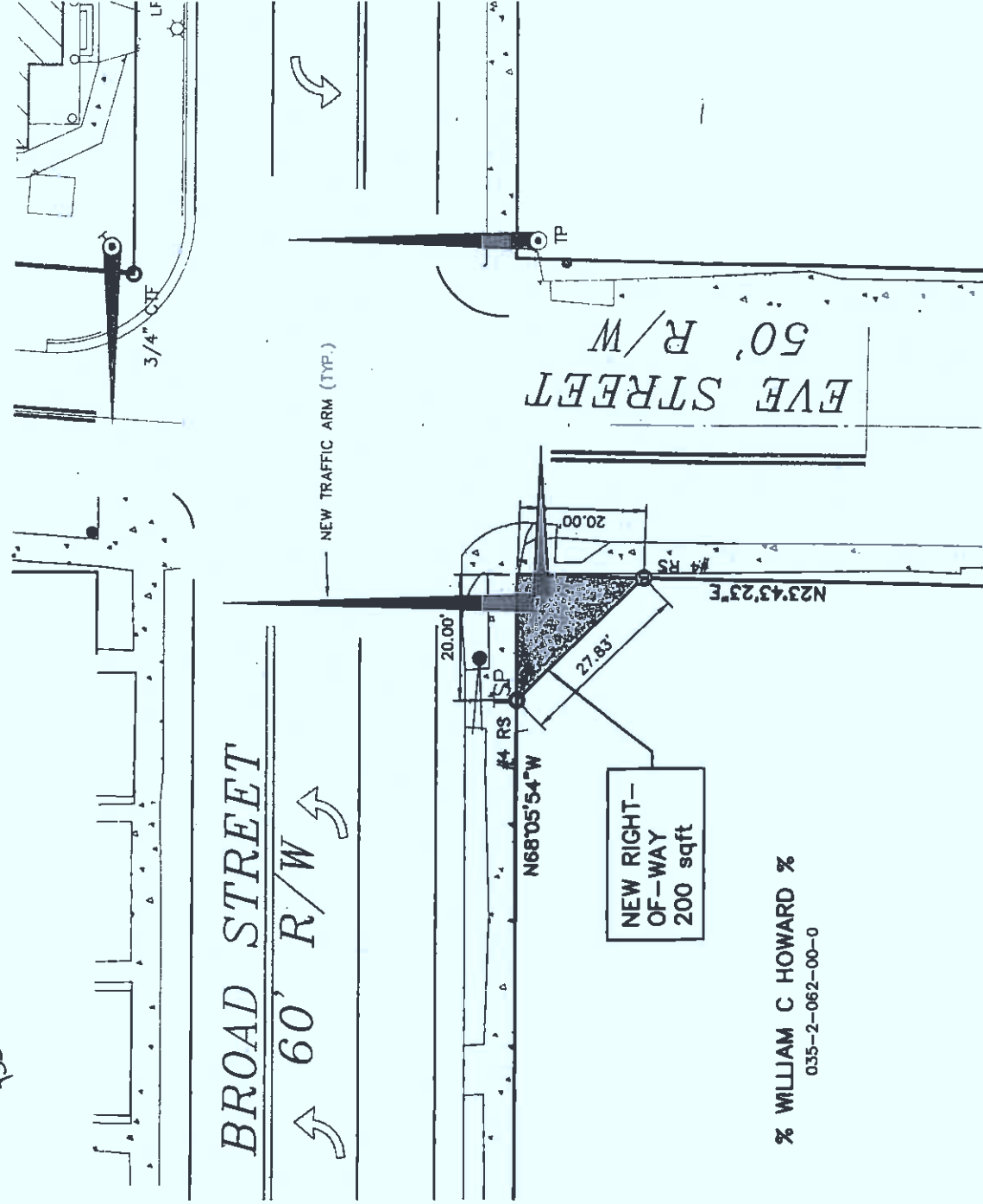
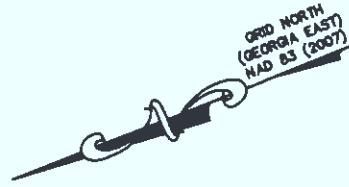
Accepted by:
AUGUSTA, GEORGIA

Administrator

DATE _____

Tax Map 35-2, Parcel No. 62.

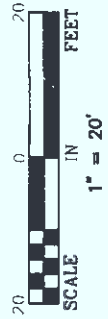
INITIALS _____



% WILLIAM C HOWARD %
035-2-062-00-0

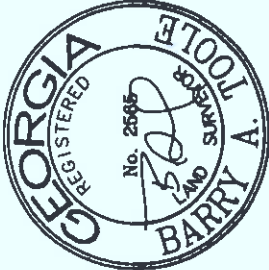
PLAT FOR
AUGUSTA-RICHMOND
COUNTY COMMISSION

SHOWING PROPERTY LOCATED IN THE CITY OF AUGUSTA
RICHMOND COUNTY, GEORGIA



OCTOBER 26, 2010
REV. 11-2-10 (TAV MAP NO.)

-Prepared By-



Toole Surveying Company, Inc.
308 4th Street-----Phone (706) 722-4115-----Augusta, Georgia 30901
Fax (706) 722-4118 ----- www.toolesurveying.com



**Engineering Services Committee Meeting
2/21/2011 1:00 PM
Realizing The Garden City**

Department: Administrator

Caption: Motion to discuss the implementation of Realizing The Garden City: The Augusta Sustainable Development Agenda. (Referred from February 7 Engineering Services meeting)

Background:

Analysis:

Financial Impact:

Alternatives:

Recommendation:

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

REVIEWED AND APPROVED BY:

Clerk of Commission



**Engineering Services Committee Meeting
2/21/2011 1:00 PM
Regency Mall Property**

Department: Clerk of Commission

Caption: Discuss Regency Mall property. (Requested by Commissioner Johnson)

Background:

Analysis:

Financial Impact:

Alternatives:

Recommendation:

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

REVIEWED AND APPROVED BY:

Clerk of Commission



**Engineering Services Committee Meeting
2/21/2011 1:00 PM
Solid Waste Collection**

Department: Clerk of Commission

Caption: Discuss expanding service area solid waste collection contract. (Requested by Commissioner Lockett)

Background:

Analysis:

Financial Impact:

Alternatives:

Recommendation:

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

REVIEWED AND APPROVED BY:

Clerk of Commission
