

# COUNTY COUNCIL OF BEAUFORT COUNTY

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DEPUTY COUNTY ADMINISTRATOR

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COUNTY ATTORNEY

SUZANNE M. RAINEY  
CLERK TO COUNCIL

## AGENDA PUBLIC FACILITIES COMMITTEE

Monday, November 4, 2013

4:00 p.m.

Conference Room, Building 2  
Beaufort Industrial Village  
102 Industrial Village Road, Beaufort

### Committee Members:

Gerald Dawson, Chairman  
Steve Fobes, Vice Chairman  
Cynthia Bensch  
Rick Caporale  
Brian Flewelling  
William McBride  
Jerry Stewart

### Staff Support:

Rob McFee, Division Director

### 1. CALL TO ORDER – 4:00 P.M.

### 2. CONSIDERATION OF CONTRACT AWARD

A. New Signal Construction of US 278 at New Hampton Parkway within the Town of Bluffton ([backup](#))

### 3. CONSIDERATION OF CHANGE ORDERS

A. Additional Engineering Services for Design Build Dirt Road Paving Contract 45 ([backup](#))

B. Additional Engineering Services for Design Build Dirt Road Paving Contract 46 ([backup](#))

C. Change Order 13 for SC 170 Widening Construction Elliptical Piping Quantity Adjustments (discussion only)

### 4. ADJOURNMENT





## MEMORANDUM

**TO:** Councilman Gerald Dawson, Chairman, Public Facilities Committee

**VIA:** Gary Kubic, County Administrator  
Bryan Hill, Deputy County Administrator *BH*  
Alicia Holland, Interim Chief Financial Officer *AH*  
Robert McFee, Director of Engineering and Infrastructure *RM*  
Dave Thomas, Purchasing Director *DT*

**FROM:** Colin Kinton, PE, Traffic & Transportation Engineering *CK*

**SUBJ:** **US 278 AT NEW HAMPTON PARKWAY MAST ARM TRAFFIC SIGNAL INSTALLATION**

**DATE:** October 31, 2013

**BACKGROUND:** In May 2013, County Council approved the construction of the US 278 Frontage Road at Island West for a total contract value of \$598,389. The construction project is underway and should be finished by early 2014. The signal installation for New Hampton Parkway and US 278 was not included in the Island West Frontage Road construction bids. Traffic Engineering requested quotes from **SCDOT approved state contractors:**

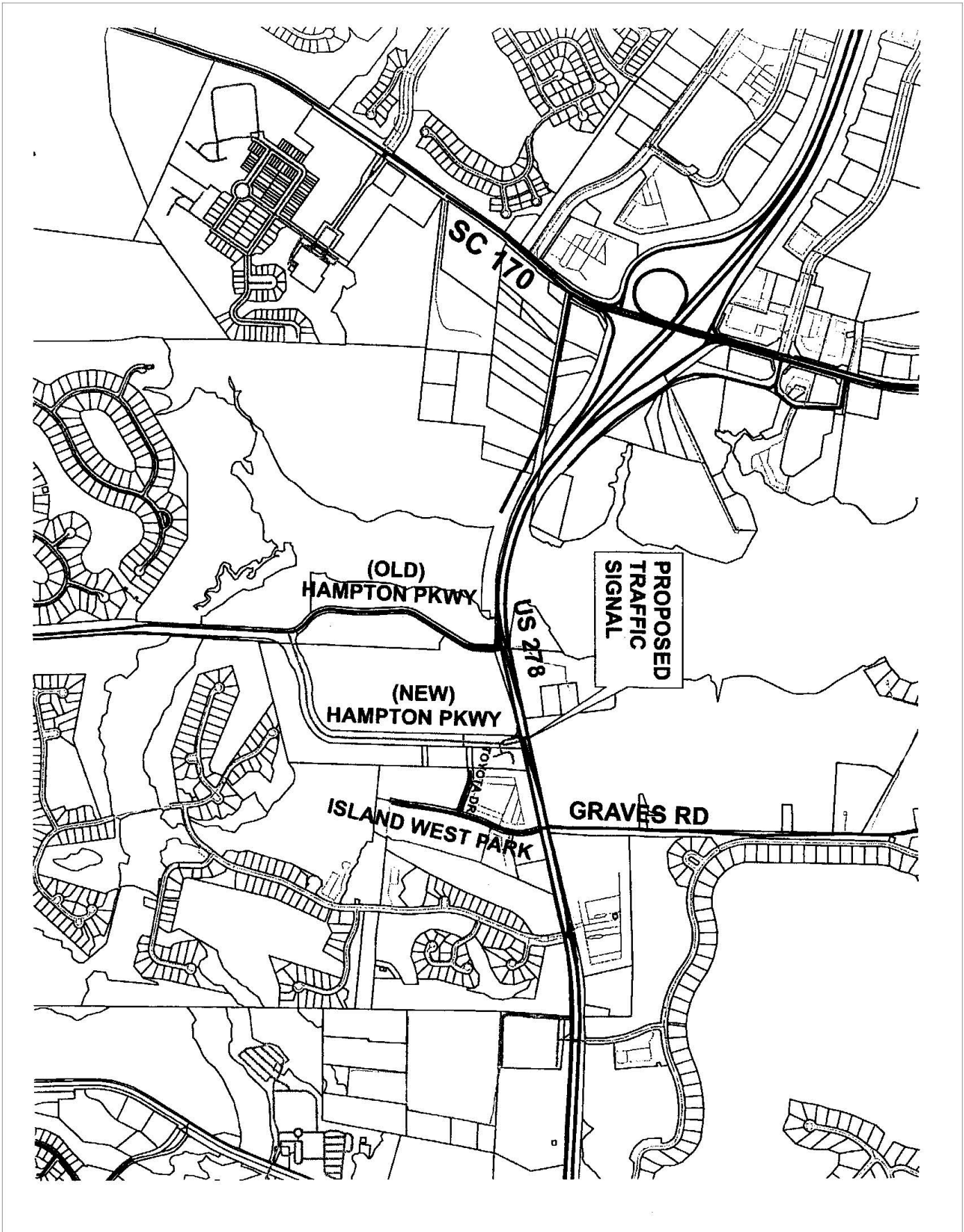
<u>Contractor</u>	<u>Contract Price</u>
Carolina Traffic Controls	\$155,469.03
Walker Brothers, Inc	\$164,166.25
Premier Constructors	\$171,946.75
J Moore Electrical Contractors, Inc	\$204,371.70
MCH & Sons Contracting, LLC	No Response

The engineer's estimate for the contract is \$166,784.90. There will also be additional costs for County provided equipment (cabinet, controller, networking and emergency pre-emption equipment) totaling \$25,000.

**FUNDING:** Sales Tax Project 2d for US 278 Frontage Roads, \$80,469.03 - Account # 33402-54504 with an available funding budget of \$1,764,778. Harris Teeter will be contributing \$100,000 for the signalization of the intersection with New Hampton Parkway/US 278. Additionally, on April 9, 2012, County Council approved US 278 Frontage Road at Island West as an eligible one cent sales tax project with a funding allocation of \$800,000.

**RECOMMENDATION:** The Public Facilities Committee approve and recommend to County Council a contract with Carolina Traffic Controls in the amount of \$155,469.03 plus \$25,000 for County provided equipment for a total project cost of \$180,469.03 for the installation of the mast arm traffic signal at US 278 and the New Hampton Parkway from the funding sources listed above.

Attachment: Location Map





COUNTY COUNCIL OF BEAUFORT COUNTY  
 BEAUFORT COUNTY ENGINEERING DIVISION  
 Building 3, 102 Industrial Village Road  
 Post Office Drawer 1228, Beaufort, SC 29901-1228  
 Phone: (843) 470-2625 Fax: (843) 470-2630

TO: Councilman Gerald Dawson, Chairman, Public Facilities Committee

VIA: Gary Kubic, County Administrator  
 Bryan Hill, Deputy Administrator  
 Alicia Holland, Interim Financial Officer  
 Dave Thomas, Purchasing Director

FROM: Robert McFee, Director of Engineering & Infrastructure

SUBJ: **Change Order for Additional Engineering Services for Design Build Dirt Road Paving Contract #45**

DATE: October 30, 2013

**BACKGROUND.** Design Build Dirt Road Paving Contract #45 was awarded to Lane Construction with Andrews & Burgess as the design engineer team member by County Council in March 2012. The following four dirt roads to be improved were included Contract #45.

Fergusons Lane	Hilton Head	Salt Creek Drive, West	Burton
Gumwood Drive	Lady's Island	River Oaks Road	Sheldon

The engineering design work scope included basic roadway survey, parcel research, and a written solicitation to request right of way agreements from each parcel owner. As the right of way acquisition moved forward, there was very poor owner response to the right of way agreements. The Public Facilities Committee requested that more effort and sensitivity to community input be invested with additional owner contact and community meetings to facilitate understanding of the roadway design and right of way agreements. This effort varies by road depending on the number of parcels needed for right of way. The County had also begun to use condemnations for right of acquisition for non-responsive parcels where the majority of the owners along the road had provided right of way.

Contract #45 had a total of 4 condemnations for roads listed above. Each condemnation requires additional survey, documentation, and condemnation exhibits for legal use. This approach by the design engineer was successful in obtaining all rights of way for all roads in the contract. The total amount of additional services was \$12,721.88. The Engineering Department recommends a change order for the additional engineering services be approved by the Public Facilities Committee. Contract #45 as well as any project change orders are funded by both BCTC/Tag funds. Available C fund balance is \$1.1 million. Available Tag fund balance is \$1.8 million. This represents a change of 1.4% of the contract.

**FOR ACTION.** Public Facilities Committee on November 4, 2013.

**RECOMMENDATION.** That the Public Facilities Committee approve a change order for Contract #45 for additional engineering services totaling \$12,721.88.

JRMjr/DS/mjh

Attachment: Contract 45 Additional Engineering Services Worksheet



**Contract 45 Additional Services  
ROW Acquisition  
Revised October 30, 2013**

Task Description	Principal \$143 per hour	Project Manager \$93 per hour	Engineer \$82 per hour	Technician \$71 per hour	Clerical \$44 per hour	Survey Technician \$71 per hour	Party Chief \$71 per hour	2-Man Survey Crew \$115 per hour	A&B Total Man-hours	A&B Total Man-hour Cost	Lane OH&P	Total Additional Service
<b>CONTRACT #45</b>												
<b>Fergusons</b>												
ROW Research, Survey, and Letters		2.5	9		2	2	4		19.5	\$1,484.50		
Meetings, & Property Owner Communication			9						9	\$738.00		
Condemnation									0	\$0.00		
<b>Total ROW</b>		<b>2.5</b>	<b>18</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>28.5</b>	<b>\$2,222.50</b>	<b>\$555.63</b>	<b>\$2,778.13</b>
<b>Salt Creek</b>												
ROW Research, Survey, and Letters			10	3			3		16	\$1,246.00		
Meetings, & Property Owner Communication			1.5						1.5	\$123.00		
Condemnation			3						3	\$246.00		
<b>Total ROW</b>		<b>0</b>	<b>14.5</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>20.5</b>	<b>\$1,615.00</b>	<b>\$403.75</b>	<b>\$2,018.75</b>
<b>Gunwood</b>												
ROW Research, Survey, and Letters			16			11.5	4		31.5	\$2,412.50		
Meetings, & Property Owner Communication			2						2	\$164.00		
Condemnation			2	6	1.25				9.25	\$645.00		
<b>Total ROW</b>		<b>0</b>	<b>20</b>	<b>6</b>	<b>1.25</b>	<b>11.5</b>	<b>4</b>	<b>0</b>	<b>42.75</b>	<b>\$3,221.50</b>	<b>\$805.38</b>	<b>\$4,026.88</b>
<b>River Oaks</b>												
ROW Research, Survey, and Letters			24		1.25		8.5		33.75	\$2,626.50		
Meetings, & Property Owner Communication			6						6	\$492.00		
Condemnation									0	\$0.00		
<b>Total ROW</b>		<b>0</b>	<b>30</b>	<b>0</b>	<b>1.25</b>	<b>0</b>	<b>8.5</b>	<b>0</b>	<b>39.75</b>	<b>\$3,118.50</b>	<b>\$779.63</b>	<b>\$3,898.13</b>
<b>CONTRACT #45 SUBTOTAL</b>												<b>\$12,721.88</b>





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TO: Councilman Gerald Dawson, Chairman, Public Facilities Committee

VIA: Gary Kubic, County Administrator  
Bryan Hill, Deputy Administrator  
Alicia Holland, Interim Financial Officer  
Dave Thomas, Purchasing Director

FROM: Robert McFee, Director of Engineering & Infrastructure

SUBJ: **Change Order for Additional Engineering Services for  
Design Build Dirt Road Paving Contract #46**

DATE: October 30, 2013

**BACKGROUND.** Design Build Dirt Road Paving Contract #46 was awarded to Lane Construction with Andrews & Burgess as the design engineer team member by County Council in March 2012. Halifax Drive, Queens Road, CeeCee Road, and Inglewood Circle on St Helena Island are four of the dirt roads to be improved in Contract #46.

The engineering design work scope included basic roadway survey, parcel research, and a written solicitation to request right of way agreements from each parcel owner. As the right of way acquisition moved forward, there was very poor owner response to the right of way agreements. The Public Facilities Committee requested that more effort and sensitivity to community input be invested with additional owner contact and community meetings to facilitate understanding of the roadway design and right of way agreements. This effort varies by road depending on the number of parcels needed for right of way. The County had also begun to use condemnations for right of acquisition for non-responsive parcels where the majority of the owners along the road had provided right of way.

Contract #46 had a total of 30 condemnations for the four roads listed above. Each condemnation requires additional survey, documentation, and condemnation exhibits for legal use. This approach by the design engineer was successful in obtaining all rights of way for all roads in the contract. The total amount of additional services is \$35,430.31. The Engineering Department recommends a change order for the additional engineering services be approved by the Public Facilities Committee. Contract #46 as well as any project change orders are funded by BCTC funds. This represents a change of 2.2% of the contract.

**FOR ACTION.** Public Facilities Committee on November 4, 2013.

**RECOMMENDATION.** That the Public Facilities Committee approve a change order for Contract #46 for additional engineering services totaling \$35,430.31.

JRMjr/DS/mjh

Attachment: Additional Engineering Services Worksheet

Contract/46.rds/PFCappCOEngServ



**Contract 46 Additional Services  
ROW Acquisition  
Revised Oct 30, 2013**

Task Description	Principal \$143 per hour	Project Manager \$93 per hour	Engineer \$82 per hour	Technician \$71 per hour	Clerical \$44 per hour	Survey Technician \$71 per hour	Party Chief \$71 per hour	2-Man Survey Crew \$115 per hour	A&B Total Man-hours	A&B Total Man-hour Cost	Lane OH&P	Total Additional Service
<b>CONTRACT #46</b>												
<b>Halifax</b>												
ROW Research, Survey, and Letters	1	1.5	27	13	1.25	7.5	2.5		53.75	\$4,184.50		
Meetings, & Property Owner Communication		0	10						10	\$820.00		
Condemnation	0.5	0	8						8.5	\$727.50		
<b>Total ROW</b>	<b>1.5</b>	<b>1.5</b>	<b>45</b>	<b>13</b>	<b>1.25</b>	<b>7.5</b>	<b>2.5</b>	<b>0</b>	<b>72.25</b>	<b>\$5,732.00</b>	<b>\$1,433.00</b>	<b>\$7,165.00</b>
<b>Queens</b>												
ROW Research, Survey, and Letters	1	9	22	7.75	1	15	2.5	3.75	62	\$5,052.00		
Meetings, & Property Owner Communication		12							12	\$1,116.00		
Condemnation	0.5	1	4	9	0.5				15	\$1,082.00		
<b>Total ROW</b>	<b>1.5</b>	<b>22</b>	<b>26</b>	<b>16.75</b>	<b>1.5</b>	<b>15</b>	<b>2.5</b>	<b>3.75</b>	<b>89</b>	<b>\$7,250.00</b>	<b>\$1,812.50</b>	<b>\$9,062.50</b>
<b>Cae Cae</b>												
ROW Research, Survey, and Letters	1	12	16	4	0.75	22	3		58.75	\$4,663.00		
Meetings, & Property Owner Communication		11							11	\$1,023.00		
Condemnation	0.5	1		7					8.5	\$661.50		
<b>Total ROW</b>	<b>1.5</b>	<b>24</b>	<b>16</b>	<b>11</b>	<b>0.75</b>	<b>22</b>	<b>3</b>	<b>0</b>	<b>78.25</b>	<b>\$6,347.50</b>	<b>\$1,586.88</b>	<b>\$7,934.38</b>
<b>Inglewood</b>												
ROW Research, Survey, and Letters	2.5	2	41	4	1.5		13.75		64.75	\$5,231.75		
Meetings, & Property Owner Communication		0	24						24	\$1,968.00		
Condemnation		4	15	3					22	\$1,815.00		
<b>Total ROW</b>	<b>2.5</b>	<b>6</b>	<b>80</b>	<b>7</b>	<b>1.5</b>	<b>0</b>	<b>13.75</b>	<b>0</b>	<b>110.75</b>	<b>\$9,014.75</b>	<b>\$2,253.69</b>	<b>\$11,268.44</b>
<b>CONTRACT #46 SUBTOTAL</b>												<b>\$35,430.31</b>