



# MEMORANDUM

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**To:** Mayor and City Councilors

**From:** Rich Olson, City Manager  
Paul Fredette, Public Works Director

**Date:** February 19, 2015

**Re:** Consideration – Award of Construction Bid for Greenway Trail Project

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***BACKGROUND:***

In 2005, the City received a set-aside grant from Federal Highway Administration transportation funds for the construction of a bikeway along the north side of Halstead Boulevard Extended. Along the way, this project has encountered many complications that have resulted in long delays to get to the construction phase of the project. Some of the delays included a redesign to place the bikeway on the south side of City Center West, projected cost overruns that have resulted in the phasing of the entire project as originally conceived, negotiation with the developers of what we now know as the Tanglewood Pavilions project and the securing of easements on private properties. Finally, we have solicited bids to construct the greenway trail and we are ready to start construction

***ANALYSIS:***

After two mandatory pre-bid meetings (the second required because we did not have the required three bidders the first time), the City opened the contractors' bids for the construction of the bikeway. At the second bid opening, there were only two qualified bidders; however, in conformance with purchasing regulations, we were able to open the bids. The low bid of \$552,215.25 was submitted by Barnhill Contracting Company. The second bid submitted by RPC Contracting, Inc., was for \$708,541.65. A copy of the bid tabulation is attached.

The Federal Highway Administration grant for this project is for 80% of the project cost with a ceiling on the grant amount of \$640,943.00. Engineering, survey, permit and other related administrative costs to date are approaching \$190,000 and with the anticipated construction phase cost for inspection and contract administration of about \$45,000, the City can expect a total project cost of about \$790,000. The City will need to pay 100% of the cost over \$512,756. The City's total match will be \$274,245.

***FINANCIAL:***

The Finance Committee discussed this matter during their meeting of February 19, 2015. Upon motion by Mayor Peel, seconded by Councilman Donnelly, the committee unanimously recommended approval by the City Council.

***STAFF RECOMMENDATION:***

By motion, authorize the City Manager to enter into a construction contract with Barnhill Contracting Company in the amount of \$552,215.25 for the construction of the greenway trail project, after approval of the construction contract by NCDOT.

PF/vdw

**CITY OF ELIZABETH CITY  
BID TAB**

TIP No: EB-4991

Date: February 12, 2015

County: PASQUOTANK

Description: HALSTEAD BOULEVARD GREENWAY TRAIL

LINE ITEM	DESCRIPTION	QTY	UNIT	BARNHILL CONST.		RPC	
				Unit Price	Ext. Price	Unit Price	Ext. Price
10	Mobilization	1	LS	27,000.00	27,000.00	65,000.00	65,000.00
20	Construction Surveying	1	LS	9,750.00	9,750.00	15,000.00	15,000.00
30	Grading	1	LS	143,000.00	143,000.00	179,900.00	179,900.00
40	Undercut Excavation	500	LS	26.00	13,000.00	33.50	16,750.00
50	Foundation Conditioning, Geotextile	700	LS	3.00	2,100.00	5.00	3,500.00
60	Foundation Conditioning Material, Minor Structures	60	LS	60.00	3,600.00	40.00	2,400.00
70	24" RC Drainage Pipe, Class III	384	LS	45.00	17,280.00	85.50	32,832.00
80	12" RC Pipe Culverts, Class III	52	LS	45.00	2,340.00	57.10	2,969.20
90	15" RC Pipe Culverts, Class III	794	LS	32.00	25,408.00	58.10	46,131.40
100	18" RC Pipe Culverts, Class III	179	LS	43.00	7,697.00	71.70	12,834.30
110	24" RC Pipe Culverts, Class III	36	45	45.00	1,620.00	94.50	3,402.00
120	36" RC Pipe Culverts, Class III	13	LS	100.00	1,300.00	233.50	3,035.50
130	12" RC Pipe End Section (Flared)	2	LS	480.00	960.00	550.00	1,100.00
140	15" RC Pipe End Section (Flared)	5	LS	615.00	3,075.00	580.00	2,900.00

LINE ITEM	DESCRIPTION	QTY	UNIT	Unit Price	Ext. Price	Unit Price	Ext. Price
150	18" RC Pipe End Section (Flared)	2	LS	660.00	1,320.00	700.00	1,400.00
160	36" RC Pipe End Section (Flared)	1	LS	1,500.00	1,500.00	1,750.00	1,750.00
170	Pipe Removal	36	LS	20.00	720.00	32.00	1,152.00
180	Aggregate Base Course	2061	LS	41.00	84,501.00	35.00	72,135.00
190	Incidental Stone Base	40	LS	48.00	1,920.00	50.00	2,000.00
200	Asphalt Concrete Surface Course, Type SF9.5A	567	LS	70.00	39,690.00	70.00	39,690.00
210	Asphalt Binder for Plant Mix	40	LS	615.00	24,600.00	635.70	25,428.00
220	Patching Existing Pavement	15	LS	138.00	2,070.00	385.00	5,775.00
230	Reinforced Endwalls	2	LS	1,560.00	3,120.00	2,000.00	4,000.00
240	Masonry Drainage Structure	15	LS	1,750.00	26,250.00	2,000.00	30,000.00
250	Masonry Drainage Structure	0.3	LS	1,000.00	300.00	2,000.00	600.00
260	Frame with Grate, STD 840.14	4	LS	475.00	1,900.00	426.00	1,704.00
270	Frame with Grate & Hood, STD 840.03, TYPE E	1	LS	540.00	540.00	506.00	506.00
280	Frame with Cover, STD 840.52	10	LS	355.00	3,550.00	334.00	3,340.00
290	2'-6" Concrete Curb & Gutter	380	LS	24.00	9,120.00	25.00	9,500.00
300	Retrofit Existing Curb Ramp	1	LS	1,300.00	1,300.00	700.00	700.00
310	Detectable Warning Strips for Asphalt Trail	5	LS	955.00	4,775.00	980.00	4,900.00
320	Adjustments of Manholes	1	LS	1,000.00	1,000.00	600.00	600.00

LINE ITEM	DESCRIPTION	QTY	UNIT	Unit Price	Ext. Price	Unit Price	Ext. Price
330	Rip Rap, Class B	175	LS	65.00	11,375.00	75.00	13,125.00
340	Geotextile for Drainage	480	LS	4.00	1,920.00	3.50	1,680.00
350	Contractor Furnished, Type D Sign	45	LS	21.50	967.50	20.40	918.00
360	Contractor Furnished, Type E Sign	60	LS	19.80	1,188.00	21.00	1,260.00
370	Ground Mounted Sign Support (4x4 Wood)	125	LS	5.80	725.00	8.50	1,062.50
380	Sign Erection, Type D (Ground Mounted)	11	LS	95.00	1,045.00	175.00	1,925.00
390	Sign Erection, Type E (Ground Mounted)	29	LS	75.00	2,175.00	120.00	3,480.00
400	Temporary Traffic Control	1	LS	20,000.00	20,000.00	27,950.00	27,950.00
410	Generic Traffic Control Item (Bollard)	15	LS	650.00	9,750.00	1,160.00	17,400.00
420	Paint Pavement Marking Lines (4")	2600	LS	1.00	2,600.00	1.00	2,600.00
430	Paint Pavement Marking Lines (24")	200	LS	2.00	400.00	2.00	400.00
440	Paint Pavement Marking Characters	36	LS	75.00	2,700.00	25.00	900.00
450	Object Markers (Type 3)	8	LS	158.00	1,264.00	100.00	800.00
460	Temporary Silt Fence	4000	LS	2.15	8,600.00	3.00	12,000.00
470	Stone for Erosion Control, (Class B)	25	LS	65.00	1,625.00	100.00	2,500.00
480	Sediment Control Stone	15	LS	54.00	810.00	50.00	750.00
490	Temporary Mulching	1	LS	1,050.00	1,050.00	1,200.00	1,200.00
500	Seed for Temporary Seeding	170	LS	4.75	807.50	5.65	960.50

LINE ITEM	DESCRIPTION	QTY	UNIT	Unit Price	Ext. Price	Unit Price	Ext. Price
510	Fertilizer for Temporary Seeding	0.25	LS	1,200.00	300.00	1,400.00	350.00
520	Silt Excavation	140	LS	10.00	1,400.00	45.00	6,300.00
530	Mattings for Erosion Control	300	LS	2.75	825.00	2.75	825.00
540	1/4" Hardware Cloth	50	LS	10.00	500.00	5.00	250.00
550	Seeding and Mulching	4	LS	1,781.00	7,124.00	1,926.25	7,705.00
560	Seed for Repair Seeding	85	LS	12.50	1,062.50	14.00	1,190.00
570	Fertilizer for Repair Seeding	0.15	LS	2,000.00	300.00	2,000.00	300.00
580	Seed for Supplemental Seeding	85	LS	5.95	505.75	7.25	616.25
590	Removal of Existing Structure 17+39 (Headwall)	1	LS	1,760.00	1,760.00	3,250.00	3,250.00
600	Removal of Existing Structure 23+32 (Headwall)	1	LS	1,210.00	1,210.00	2,000.00	2,000.00
610	Generic Structure Item (54" Wooden Guardrail)	48	LS	40.00	1,920.00	40.00	1,920.00
<b>TOTAL</b>				223,675.20	552,215.25	316,647.90	708,551.65