

COUNTY COUNCIL OF BEAUFORT COUNTY
ADMINISTRATION BUILDING
BEAUFORT COUNTY GOVERNMENT ROBERT SMALLS COMPLEX
100 RIBAUT ROAD
POST OFFICE DRAWER 1228
BEAUFORT, SOUTH CAROLINA 29901-1228

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CHAIRMAN

GERALD W. STEWART
VICE CHAIRMAN

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COUNTY ATTORNEY

SUZANNE M. RAINEY
CLERK TO COUNCIL

AGENDA
PUBLIC FACILITIES COMMITTEE

Monday, August 31, 2015

4:00 p.m.

Executive Conference Room

Administration Building

Beaufort County Government Robert Smalls Complex

100 Ribaut Road, Beaufort

Committee Members:

Gerald Dawson, Chairman
Roberts "Tabor" Vaux, Vice Chairman
Cynthia Bensch
Rick Caporale
Steve Fobes
Alice Howard
William McBride

Staff Support:

Andrew Dalkos, Division Director
IT Systems Management
Colin Kinton, Division Director
Transportation Engineering
Eric Larson, Division Director
Environmental Engineering
Robert McFee, Division Director
Facilities and Construction Engineering

1. CALL TO ORDER – 4:00 P.M.
2. BOUNDARY STREET REDEVELOPMENT CONSTRUCTION IMPROVEMENTS
([backup](#))
3. BOUNDARY STREET REDEVELOPMENT CONSTRUCTION MANAGEMENT AND
CONSTRUCTION ENGINEERING INSPECTION SERVICES ([backup](#))
4. ADJOURNMENT

2015 Strategic Plan Committee Assignments

Law Enforcement Center Study
Windmill Harbour Entrance Solution and Funding
Bridge Replacement Plan
Sidewalks / Biking in Rural Areas Plan and Funding





COUNTY COUNCIL OF BEAUFORT COUNTY
BEAUFORT COUNTY ENGINEERING DEPARTMENT

104 Industrial Village Road, Building #3, Beaufort, SC 29906

Post Office Drawer 1228, Beaufort, SC 29901-1228

Telephone: 843-255-2700 Facsimile: 843-255-9420

TO: Councilman Gerald Dawson, Chairman, Public Facilities Committee

VIA: Gary Kubie, County Administrator *GKubie*
William Prokop, City Manager *WProkop*
Josh Gruber, Deputy County Administrator *JGruber*
Alicia Holland, Assistant County Administrator for Finance *AH*
Kathy Todd, City Finance Director *KMT*

FROM: Robert McFee, PE, Division Director of Construction, Engineering & Facilities *Robert McFee*

SUBJ: Boundary Street Redevelopment Construction - IFB #062315E

DATE: August 25, 2015

BACKGROUND. Beaufort County received bids for the construction component of the Boundary Street Redevelopment Project on July 7, 2015. This project consists of the conversion of the existing 5-lane roadway to a 4-lane boulevard from Neil Road to Greenlawn Drive and includes street lighting, sidewalks, a multi-use path, landscaping, undergrounding of overhead utilities and the realignment of the intersection of SC 170 and Boundary Street. Also included in this project is the construction of a new 0.52 mile parallel City road for First Street and existing Polk and Palmetto Streets as outlined in the approved Boundary Street Master Plan adopted by the City in August 2006.

The following firm submitted a bid for the subject project on July 7, 2015.

Bidder	ADDRESS	AMOUNT
Preferred Materials, Inc. (PMI)	Savannah, GA	\$ 18,765,274.84
Engineers Estimate		\$20,094,355.00

PMI's bid submittal has been reviewed and a contract award concurrence package has been sent to SCDOT and the FHWA. The SCDOT and FHWA review is being conducted in parallel with the County review and award process. Contract award will be finalized once all approvals have been secured.

SMB OUTREACH PLAN. The Beaufort County Small & Minority Business Participation solicitation will not apply to this contract due to sources of funding. PMI met the project DBE goal of 13.0%. PMI's total DBE goal is 14.9%.

AH **FUNDING.** Please see the attached August 20, 2015 Boundary Street Parallel Road Funding Financial Worksheet.

FOR ACTION. Public Facilities Committee Meeting on August 31, 2015.

RECOMMENDATION. The Public Facilities Committee approve and recommend to County Council approval of a contract award to Preferred Materials, Inc., for construction of the Boundary Street Redevelopment in the amount of \$18,765,274.84 from the funding sources listed above. Council award is contingent on approval by SCDOT and the Federal Highway Administration.

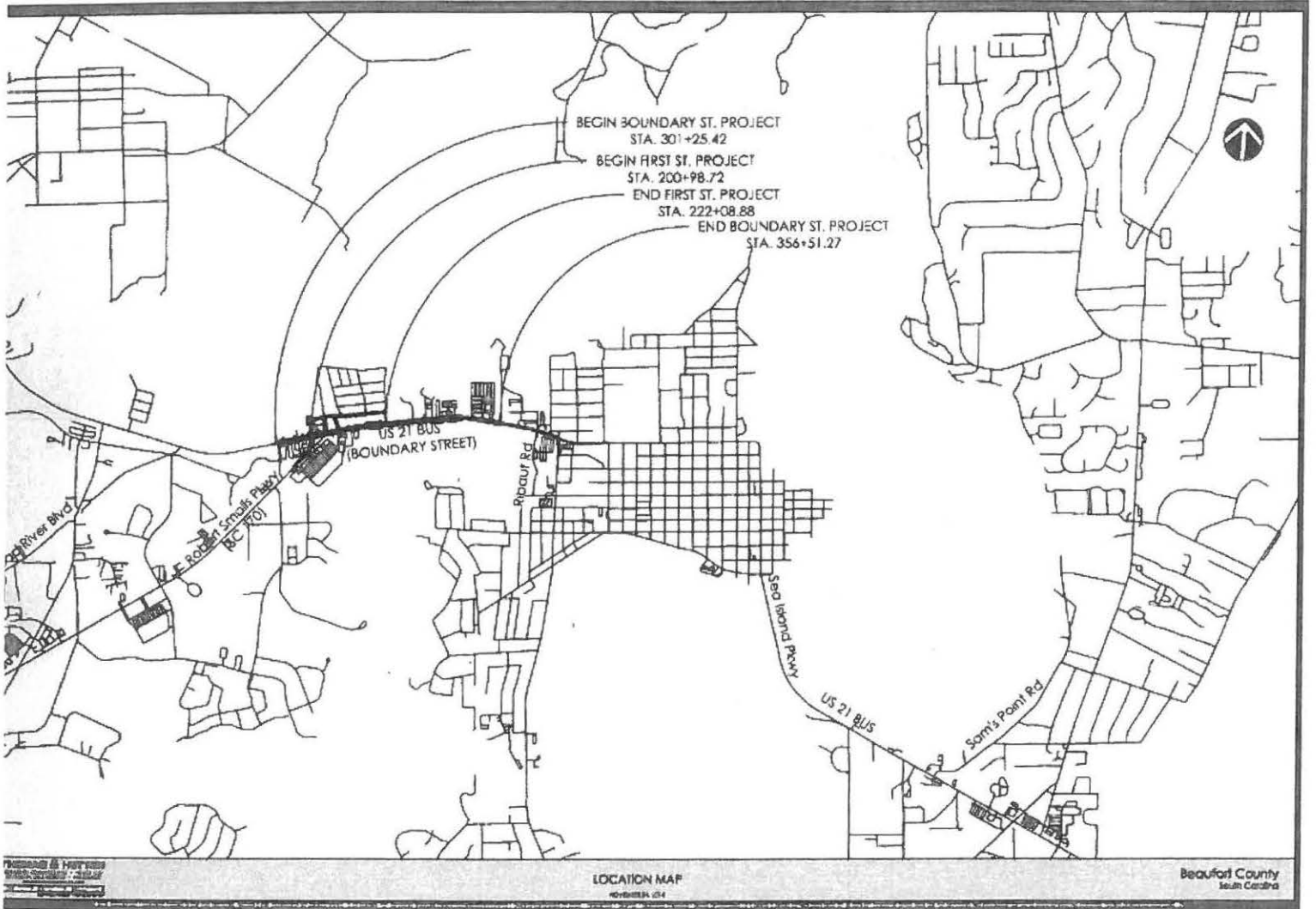
Attachments: 1) 8/20/15 Boundary Street/Parallel Road Funding Financial Worksheet
2) Location Map
3) Thomas & Hutton Bid Certification
4) DBE Documents

cc: Monica Spells, Assistant County Administrator for Civic Engagement *MSpells*
Dave Thomas, Purchasing Director *DT*

BOUNDARY STREET AND PARALLEL ROAD
FUNDING BY SOURCE COMPARED TO PROJECT BUDGET
AS OF AUGUST 20, 2015

		Original Budget 2012	Budget Amended as of June 30, 2015	Budget Amended as of August 20, 2015
<u>Funding Sources</u>				
	Federal Grant	\$ 12,635,000	\$ 12,635,000	\$ 12,635,000
	Beaufort County Sales Tax Fund	11,346,115	11,346,115	11,346,115
	Beaufort County Road Impact Fees	300,000	300,000	1,369,243
	City of Beaufort TIF II	2,912,695	6,964,853	8,223,000
	Total Funding Sources	<u>\$ 27,193,810</u>	<u>\$ 31,245,968</u>	<u>\$ 33,573,358</u>
<u>Project Budget</u>				
<u>BOUNDARY STREET</u>				
SC 170 Realignment				
	ROW	\$ 500,000	\$ 423,949	\$ 423,949
	Construction	3,500,000	-	-
Multi Use Path				
	ROW	200,000	376,120	376,120
	Construction	900,000	-	-
Multiway Boulevard				
	ROW	3,000,000	2,750,439	2,750,125
	Construction	9,297,000	14,665,275	14,665,275
	Duct Bank	2,900,000	-	-
	Pre-Grant Expenditures	1,700,695	1,700,695	1,700,695
	Engineering and other costs	-	-	1,230,045
	Construction, Engineering and Inspection (CEI)	1,200,000	1,200,000	1,968,800
	Contingency for Utilities	-	2,300,000	2,300,000
	Project Contingency	-	1,242,780	1,637,139
	Boundary Street subtotal	<u>23,197,695</u>	<u>24,659,258</u>	<u>27,052,148</u>
<u>PARALLEL ROAD</u>				
	ROW	1,300,000	1,340,595	1,167,766
	Construction	1,500,000	4,100,000	4,100,000
	Pre-Grant Expenditures	746,115	746,115	746,115
	Project Contingency	-	400,000	500,000
	Engineering and other costs	-	-	7,329
	Duct Bank	450,000	-	-
	Parallel Road subtotal	<u>3,996,115</u>	<u>6,586,710</u>	<u>6,521,210</u>
	Total Project Budget	<u>\$ 27,193,810</u>	<u>\$ 31,245,968</u>	<u>\$ 33,573,358</u>

LOCATION MAP



BEAUFORT COUNTY ENGINEERING DIVISION

ENGINEER'S OPINION OF COST-US 21 BUSINESS/BOUNDARY STREET IMPROVEMENTS FROM NEIL TO GREENLAWN INCLUDING FIRST ST (PARALLEL RD)

ITEM	DESCRIPTION	QUANTITY	UNITS	Preferred Materials, Inc.		Engineer's Opinion	
				UNIT PRICE	PRICE	UNIT PRICE	PRICE
1031000	MOBILIZATION	NEC	LS	\$ 940,000.00	\$ 940,000.00	\$ 1,377,032.50	\$ 1,377,032.50
1050800	CONSTRUCTION STAKES, LINES & GRADES	NEC	LS	\$ 133,900.00	\$ 133,900.00	\$ 160,037.50	\$ 160,037.50
1071000	TRAFFIC CONTROL	NEC	LS	\$ 740,000.00	\$ 740,000.00	\$ 591,477.50	\$ 591,477.50
1080300	CPM PROGRESS SCHEDULE	NEC	LS	\$ 30,900.00	\$ 30,900.00	\$ 24,425.00	\$ 24,425.00
2011001	CLEARING & GRUBBING WITHIN RIGHT OF WAY	NEC	LS	\$ 1,497,000.00	\$ 1,497,000.00	\$ 1,404,465.00	\$ 1,404,465.00
2021000	REMOVAL OF STRUCTURES & OBSTRUCTIONS	NEC	LS	\$ 174,300.00	\$ 174,300.00	\$ 224,520.00	\$ 224,520.00
2021005	REMOVAL & DISPOSAL OF EXISTING CATCH BASINS	23	EA	\$ 164.00	\$ 3,772.00	\$ 631.50	\$ 14,524.50
2021010	REMOVAL & DISPOSAL OF EXISTING DROP INLETS	17	EA	\$ 164.00	\$ 2,788.00	\$ 631.50	\$ 10,735.50
2021015	REMOVAL & DISPOSAL OF EXISTING MANHOLES	11	EA	\$ 164.00	\$ 1,804.00	\$ 631.50	\$ 6,946.50
2021020	REMOVAL & DISPOSAL OF EXISTING JUNCTION BOX	1	EA	\$ 164.00	\$ 164.00	\$ 631.50	\$ 631.50
2021205	REMOVAL & DISPOSAL OF LOW LEVEL CONTAMINATED SOIL	200	TON	\$ 101.15	\$ 20,230.00	\$ 107.50	\$ 21,500.00
2023000	REMOVAL & DISPOSAL OF EXISTING PAVEMENT	10600	SY	\$ 5.69	\$ 60,314.00	\$ 16.70	\$ 177,020.00
2025000	REMOVAL & DISPOSAL OF EXISTING ASPHALT PAVEMENT	24400	SY	\$ 7.88	\$ 192,272.00	\$ 15.53	\$ 378,810.00
2031000	UNCLASSIFIED EXCAVATION	10155	CY	\$ 11.90	\$ 120,844.50	\$ 19.36	\$ 196,550.03
2033000	BORROW EXCAVATION	8750	CY	\$ 31.69	\$ 277,287.50	\$ 33.17	\$ 290,193.75
2034000	MUCK EXCAVATION	500	CY	\$ 22.69	\$ 11,345.00	\$ 19.17	\$ 9,582.50
2040055	STRUCTURE EXCAVATION (RETAINING WALL)	700	CY	\$ 20.00	\$ 14,000.00	\$ 45.00	\$ 31,500.00
2052000	NO. 57 STONE FOR BACKFILL	970	TON	\$ 66.15	\$ 64,165.50	\$ 62.73	\$ 60,848.10
2081001	FINE GRADING	20427	SY	\$ 3.19	\$ 65,162.13	\$ 5.63	\$ 115,004.01
2103000	FLOWABLE FILL	931	CY	\$ 177.00	\$ 164,787.00	\$ 198.00	\$ 184,338.00
3050108	GRADED AGGR.BASE COURSE-8"UNIF (Emergency Turn around)	56	SY	\$ 29.55	\$ 1,654.80	\$ 35.00	\$ 1,960.00
3069900	MAINTENANCE STONE	2200	TON	\$ 50.19	\$ 110,418.00	\$ 50.75	\$ 111,650.00
3100310	HOT MIX ASPHALT BASE COURSE-TYPE A (Full Depth Road <6'D/W)	7765	TON	\$ 78.91	\$ 612,736.15	\$ 126.50	\$ 982,272.50
4011004	LIQUID ASPHALT BINDER PG64-22 (Roadway-overlay,full depth,driveway)	1210	TON	\$ 524.00	\$ 634,040.00	\$ 711.13	\$ 860,461.25
4013990	MILLING EXISTING ASPHALT PAVEMENT (VARIABLE)	9025	SY	\$ 4.75	\$ 42,868.75	\$ 4.65	\$ 41,966.25
4012060	FULL DEPTH ASPHALT PATCH-6" UNIF.	4550	SY	\$ 44.04	\$ 200,382.00	\$ 46.38	\$ 211,006.25
4020320	HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (Full Depth Rd,Leveling>2")	4365	TON	\$ 80.78	\$ 352,604.70	\$ 85.38	\$ 372,661.88
4030320	HOT MIX ASPHALT SURFACE COURSE TYPE B (Overlay/Full Depth Road, D/W)	6325	TON	\$ 83.73	\$ 529,592.25	\$ 75.95	\$ 480,383.75
4030360	HOT MIX ASPHALT SURFACE COURSE TYPE E (Leveling <2")	2390	TON	\$ 79.52	\$ 190,052.80	\$ 82.95	\$ 198,250.50
6020104	CONSTRUCTION ZONE ELECTRIC CHANGEABLE MESSAGE SIGN FOR MAINT	8	EA	\$ 15,141.00	\$ 121,128.00	\$ 13,575.00	\$ 108,600.00
6041150	BARRICADE - TYPE 2	50	LF	\$ 36.05	\$ 1,802.50	\$ 67.52	\$ 3,376.00
6041200	BARRICADE - TYPE 3	310	LF	\$ 30.39	\$ 9,420.90	\$ 75.69	\$ 23,463.90
6051120	PERMANENT CONSTRUCTION SIGNS (GROUND MOUNTED)	702	SF	\$ 6.70	\$ 4,703.40	\$ 6.38	\$ 4,475.25
6051125	PERMANENT CONSTRUCTION SIGNS (BARRICADE MOUNTED)	256	SF	\$ 8.76	\$ 2,242.56	\$ 19.65	\$ 5,030.40
609105A	PAVEMENT MARKINGS(TEMP-PAINT) 4" WHITE BROKEN LINES	7100	LF	\$ 0.18	\$ 1,278.00	\$ 0.16	\$ 1,100.50
609105B	PAVEMENT MARKINGS(TEMP-PAINT) 4" YELLOW BROKEN LINES	2100	LF	\$ 0.18	\$ 378.00	\$ 0.14	\$ 283.50
609115A	PAVEMENT MARKINGS(TEMPORARY-PAINT)-4" WHITE SOLID LINES	10000	LF	\$ 0.18	\$ 1,800.00	\$ 0.35	\$ 3,500.00
609115B	PAVEMENT MARKINGS(TEMPORARY-PAINT)-4" YELLOW SOLID LINES	33000	LF	\$ 0.18	\$ 5,940.00	\$ 0.10	\$ 3,135.00
609125A	PAVEMENT MARKINGS(TEMPORARY-PAINT)-8" WHITE SOLID LINES	6665	LF	\$ 1.03	\$ 6,864.95	\$ 1.07	\$ 7,098.23
609125B	PAVEMENT MARKINGS(TEMPORARY-PAINT)-8" YELLOW SOLID LINES	200	LF	\$ 1.03	\$ 206.00	\$ 1.07	\$ 213.00
609135A	PAVEMENT MARKINGS(TEMPORARY-PAINT)-24"WHITE SOLID LINES	1680	LF	\$ 3.09	\$ 5,191.20	\$ 3.20	\$ 5,367.60
609135B	PAVEMENT MARKINGS(TEMPORARY-PAINT)-24"YELLOW SOLID LINES	100	LF	\$ 3.09	\$ 309.00	\$ 3.20	\$ 319.50
609160A	PAVEMENT MARKINGS(TEMPORARY-PAINT)-WHITE SINGLE ARROW	92	EA	\$ 67.00	\$ 6,164.00	\$ 48.25	\$ 4,439.00
609165A	PAVEMENT MARKINGS(TEMP-PAINT)-WHITE COMBINATION ARROWS	15	EA	\$ 88.00	\$ 1,320.00	\$ 53.50	\$ 802.50
609180A	PAVEMENT MARKINGS(TEMPORARY-PAINT)-WHITE WORD 'ONLY	60	EA	\$ 98.00	\$ 5,880.00	\$ 58.75	\$ 3,525.00
6092100	TEMPORARY CLEAR PAVEMENT MARKERS MONO-DIR.-4"x4"	336	EA	\$ 5.15	\$ 1,730.40	\$ 4.80	\$ 1,611.12
6092150	TEMPORARY YELLOW PAVEMENT MARKERS MONO-DIR.-4"x4"	361	EA	\$ 5.15	\$ 1,859.15	\$ 4.80	\$ 1,731.00
6092155	TEMPORARY YELLOW PAVEMENT MARKERS BI-DIR.-4"x4"	175	EA	\$ 5.15	\$ 901.25	\$ 4.80	\$ 839.13
6271005	4" WHITE BROKEN LINES(GAPS EXCL.)THERMOPLASTIC- 90 MIL	4500	LF	\$ 1.03	\$ 4,635.00	\$ 0.96	\$ 4,297.50

BEAUFORT COUNTY ENGINEERING DIVISION

ENGINEER'S OPINION OF COST-US 21 BUSINESS/BOUNDARY STREET IMPROVEMENTS FROM NEIL TO GREENLAWN INCLUDING FIRST ST (PARALLEL RD)

ITEM	DESCRIPTION	QUANTITY	UNITS	Preferred Materials, Inc.		Engineer's Opinion	
				UNIT PRICE	PRICE	UNIT PRICE	PRICE
6271010	4" WHITE SOLID LINES (PVT. EDGE LINES) THERMO - 90 MIL.	5000	LF	\$ 0.57	\$ 2,850.00	\$ 0.66	\$ 3,300.00
6271015	8" WHITE SOLID LINES THERMOPLASTIC - 125 MIL.	3865	LF	\$ 1.85	\$ 7,150.25	\$ 3.73	\$ 14,416.45
6271025	24" WHITE SOLID LINES (STOP/DIAG LINES)-THERMO-125 MIL	1030	LF	\$ 6.18	\$ 6,365.40	\$ 11.21	\$ 11,546.30
6271030	WHITE SINGLE ARROWS (LT, STRGT, RT) THERMO-125 MIL.	38	EA	\$ 114.00	\$ 4,332.00	\$ 79.88	\$ 3,035.25
6271035	WHITE WORD MESSAGE "ONLY"-THERMOPLASTIC - 125 MIL.	26	EA	\$ 309.00	\$ 8,034.00	\$ 159.75	\$ 4,153.50
6271040	WHITE COMBINATION ARROWS(STR&RT.OR STR<)THERMO-125MIL	5	EA	\$ 170.00	\$ 850.00	\$ 90.53	\$ 452.63
6271064	4" YELLOW BROKEN LINES(GAPS EXC)THERMOPLASTIC - 90 MIL.	220	LF	\$ 0.57	\$ 125.40	\$ 0.81	\$ 178.20
6271074	4" YELLOW SOLID LINES(PVT.EDGE LINES) THERMO-90 MIL.	15200	LF	\$ 0.57	\$ 8,664.00	\$ 0.54	\$ 8,132.00
6271078	8" YELLOW SOLID LINES THERMOPLASTIC - 125 MIL.	665	LF	\$ 2.06	\$ 1,369.90	\$ 3.73	\$ 2,480.45
6271080	24" YELLOW SOLID LINES - THERMOPLASTIC - 125 MIL.	290	LF	\$ 6.18	\$ 1,792.20	\$ 11.21	\$ 3,250.90
6301100	PERMANENT YELLOW PAVEMENT MARKERS BI-DIR.- 4"x4"	135	EA	\$ 4.38	\$ 591.30	\$ 4.26	\$ 575.10
6302001	PERMANENT CLEAR/RED PAVEMENT MARKERS- BI-DIR.- 4"x4"	205	EA	\$ 4.38	\$ 897.90	\$ 4.26	\$ 873.30
6510105	FLAT SHEET, TYPE III, FIXED SZ. & MSG. SIGN	861	SF	\$ 16.48	\$ 14,189.28	\$ 28.65	\$ 24,667.65
6510106	FLAT SH.1-3,SIZE DETER BY MSG.	60	SF	\$ 21.63	\$ 1,297.80	\$ 24.98	\$ 1,498.50
6510108	FLAT SHEET, TYPE VIII OR IX OVERHEAD	255	SF	\$ 36.05	\$ 9,192.75	\$ 24.79	\$ 6,321.45
6513020	MOUNTING ASSEMBLY FOR F.S. SIGN ERCTD ON MAST ARM	25	EA	\$ 257.50	\$ 6,437.50	\$ 275.00	\$ 6,875.00
6531210	U-SECTION POST FOR SIGN SUPPORTS - 3P	1456	LF	\$ 8.76	\$ 12,754.56	\$ 15.38	\$ 22,393.28
6531215	U-SEC. POST FOR SGN BRAC. - 2P	72	LF	\$ 7.21	\$ 519.12	\$ 13.51	\$ 972.36
6651005	LIGHT STANDARD ANCHORAGE	159	EA	\$ 1,133.00	\$ 180,147.00	\$ 795.50	\$ 126,484.50
6651091	SINGLE LIGHT DECORATIVE POLE	159	EA	\$ 4,223.00	\$ 671,457.00	\$ 2,168.50	\$ 344,791.50
6888110	INSTALL STREET LIGHT LUMINAIRE	159	EA	\$ 670.00	\$ 106,530.00	\$ 1,959.00	\$ 311,481.00
0	FURNISH & INSTALL 2.0" GALVANIZED RIGID CONDUIT TO TIMBER BOARDWK	1180	LF	\$ 23.69	\$ 27,954.20	\$ 32.30	\$ 38,114.00
0	FURNISH & INSTALL 4.0" GALVANIZED RIGID CONDUIT TO TIMBER BOARDWK	545	LF	\$ 46.35	\$ 25,260.75	\$ 65.59	\$ 35,746.55
06750272	FURNISH ADDTL CONDUIT WITHIN DIRBORE	6440	LF	\$ 3.09	\$ 19,899.60	\$ 9.41	\$ 60,600.40
6750275	1.0" SCHEDULE 80 PVC CONDUIT	350	LF	\$ 7.21	\$ 2,523.50	\$ 7.95	\$ 2,780.75
6750278	2.0" SCHEDULE 80 PVC CONDUIT	3145	LF	\$ 8.24	\$ 25,914.80	\$ 10.07	\$ 31,654.43
6760060	2" SCH 80 HDPE CONDUIT (TRENCHLESS)	4695	LF	\$ 16.48	\$ 77,373.60	\$ 19.37	\$ 90,942.15
6760085	6" SCH 80 HDPE CONDUIT (TRENCHLESS)	2145	LF	\$ 36.05	\$ 77,327.25	\$ 58.11	\$ 124,645.95
6770389	NO. 14 COPPER WIRE, 4 CONDUCTOR - GRAY	4160	LF	\$ 2.06	\$ 8,569.60	\$ 1.90	\$ 7,883.20
6770393	NO. 14 COPPER WIRE, 8 CONDUCTOR (BLACK)	9420	LF	\$ 2.16	\$ 20,347.20	\$ 2.28	\$ 21,477.60
6770416	CATEGORY 5 CABLE - SHIELDED	350	LF	\$ 2.06	\$ 721.00	\$ 2.14	\$ 749.00
6770470	FIBER OPTIC CABLE-SINGLE MODE	7800	LF	\$ 2.58	\$ 20,124.00	\$ 2.05	\$ 15,951.00
6770476	FIBER OPTIC INTERCONNECT CENTR	7	EA	\$ 1,545.00	\$ 10,815.00	\$ 1,296.00	\$ 9,072.00
6770480	FIB. OPTIC TRANSREC.(5MFO)	7	EA	\$ 3,090.00	\$ 21,630.00	\$ 1,572.00	\$ 11,004.00
6770482	FIBER OPTIC MODEM	7	EA	\$ 1,545.00	\$ 10,815.00	\$ 1,597.50	\$ 11,182.50
6770486	FIBEROPTIC REPAIR SPLICE OH/UG	7	EA	\$ 1,545.00	\$ 10,815.00	\$ 1,228.50	\$ 8,599.50
6770489	FURNISH & INSTALL SPREADSPECTRUM RADIO HUB ASSEMBLY (LOCAL)	18	EA	\$ 2,266.00	\$ 40,788.00	\$ 4,223.00	\$ 76,014.00
6770494	FLUSH MOUNTED WIRELESS SENSORS	291	EA	\$ 695.25	\$ 202,317.75	\$ 631.32	\$ 183,714.12
6770495	WIRELESS REPEATER	40	EA	\$ 1,545.00	\$ 61,800.00	\$ 1,861.50	\$ 74,460.00
6770496	RECEIVER (ACCESS POINT)	9	EA	\$ 1,236.00	\$ 11,124.00	\$ 2,304.50	\$ 20,740.50
6770497	MASTER CONTACT CLOSURE CARD	18	EA	\$ 3,605.00	\$ 64,890.00	\$ 4,122.00	\$ 74,196.00
6770498	CONTACT CLOSURE CARD	26	EA	\$ 721.00	\$ 18,746.00	\$ 726.96	\$ 18,900.83
6770499	MOUNT KIT ACCESS POINT/REPEAT.	58	EA	\$ 257.50	\$ 14,935.00	\$ 261.95	\$ 15,192.81
6770500	ACCESS BOX	18	EA	\$ 103.00	\$ 1,854.00	\$ 102.33	\$ 1,841.94
6770501	EPOXY TUBES	305	EA	\$ 154.50	\$ 47,122.50	\$ 89.54	\$ 27,308.18
6770505	FURNISH EXPOXY APPLICATOR	1	EA	\$ 206.00	\$ 206.00	\$ 158.21	\$ 158.21
6800499	ELECTRICAL SERVICE FOR TRAFFIC SIGNAL	7	EA	\$ 772.50	\$ 5,407.50	\$ 4,500.33	\$ 31,502.31
6800518	13"x24"x18"D.ELEC.FLUSH UNDGRD.ENCLOSURE-(STR.POLY.CONC.)HD	32	EA	\$ 386.25	\$ 12,360.00	\$ 357.30	\$ 11,433.60
6845480	FURNISH & INSTALL 4" BREAK-AWAY ALUMINUM PEDESTAL POLE	12	EA	\$ 566.50	\$ 6,798.00	\$ 900.36	\$ 10,804.26
6865720	12" 4 SECTION SIGNAL HEAD	12	EA	\$ 669.50	\$ 8,034.00	\$ 799.30	\$ 9,591.60

BEAUFORT COUNTY ENGINEERING DIVISION

ENGINEER'S OPINION OF COST-US 21 BUSINESS/BOUNDARY STREET IMPROVEMENTS FROM NEIL TO GREENLAWN INCLUDING FIRST ST (PARALLEL RD)

ITEM	DESCRIPTION	QUANTITY	UNITS	Preferred Materials, Inc.		Engineer's Opinion	
				UNIT PRICE	PRICE	UNIT PRICE	PRICE
6865723	12" 3 SECTION SIGNAL HEAD	50	EA	\$ 618.00	\$ 30,900.00	\$ 646.71	\$ 32,335.25
6865761	F&I 1 WAY 1 SECT. HAND/MAN PED. SIGNAL AHEAD	18	EA	\$ 592.25	\$ 10,660.50	\$ 520.00	\$ 9,360.00
6865784	FURNISH & INSTALL 1-WAY-1SECT. PEDSTRN SIGNAL HD W/HAND/MAN COUNTDOWN LED MODULE & CLAMSHELL MOUNT FOR SIDE POLE (LEFT)	12	EA	\$ 592.25	\$ 7,107.00	\$ 645.65	\$ 7,747.74
6865785	FURNISH & INSTALL 1-WAY-1SECT. PEDSTRN SIGNAL HD W/HAND/MAN COUNTDOWN LED MODULE & CLAMSHELL MOUNT FOR SIDE POLE (RIGHT)	12	EA	\$ 592.25	\$ 7,107.00	\$ 650.80	\$ 7,809.54
6865796	F&I-PED PUSH BUT.SOLID STATE W/ LIGHT&TONE ASSEM 9"x12" & SIGN	40	EA	\$ 257.50	\$ 10,300.00	\$ 248.59	\$ 9,943.40
6865831	VEH.TRAF.SGNL.MTG./MAST ARM	62	EA	\$ 206.00	\$ 12,772.00	\$ 307.56	\$ 19,068.41
6865836	BCKPLT. W/ RETROREFL. BORDERS	62	EA	\$ 154.50	\$ 9,579.00	\$ 133.00	\$ 8,246.00
6865840	PEDEST.TRAF.SGNL.MTG/POST TOP	8	EA	\$ 154.50	\$ 1,236.00	\$ 87.60	\$ 700.80
6865841	PEDEST.TRAF.SGNL.MTG/SIDE POLE	40	EA	\$ 103.00	\$ 4,120.00	\$ 92.16	\$ 3,686.20
6865842	PEDEST.TRAF.SGNL.MTG/ DUAL POST TOP	5	EA	\$ 180.25	\$ 901.25	\$ 227.65	\$ 1,138.25
6885982	REMOVE FOUNDATION OF STEEL / RAIN POLE - 18" BELOW GRADE	1	LS	\$ 1,648.00	\$ 1,648.00	\$ 1,360.00	\$ 1,360.00
6885990	REMOVAL,SALVAGE,&DISP.OF EXISTING TRAF. SIGNAL EQUIPMENT	5	EA	\$ 772.50	\$ 3,862.50	\$ 1,070.00	\$ 5,350.00
6885992	TEMPORARY ADJUSTMENT OF TRAFFIC SIGNAL EQUIPMENT	7	EA	\$ 1,545.00	\$ 10,815.00	\$ 1,076.00	\$ 7,532.00
6885996	TEMPORARY TIMING ADJUSTMENTS PER SITE VISIT	7	EA	\$ 103.00	\$ 721.00	\$ 662.00	\$ 4,634.00
6886055	TRAFFIC ADAPTIVE SYSTEM	7	EA	\$ 46,350.00	\$ 324,450.00	\$ 29,573.00	\$ 207,011.00
6888167	POWDERCOATING PER MAST ARM OVER GALVANIZED	24	EA	\$ 1,854.00	\$ 44,496.00	\$ 1,402.00	\$ 33,648.00
6888168	DECORATIVE OPTION PER MAST ARM	24	EA	\$ 3,605.00	\$ 86,520.00	\$ 1,202.50	\$ 28,860.00
6888172	DES.FURN&INST.STLPOLEW/MASTARM w/o FOUNDATION	8	EA	\$ 15,450.00	\$ 123,600.00	\$ 16,041.00	\$ 128,328.00
6888174	INSTALL FOUNDATION FOR MAST ARM INCLUDING CONCRETE AND REBAR	16	EA	\$ 6,180.00	\$ 98,880.00	\$ 12,053.00	\$ 192,848.00
6888178	DESIGN, FURNISH & INSTALL STEEL POLE WITH TWIN MAST ARM W/O FOUNDATION	9	EA	\$ 17,510.00	\$ 157,590.00	\$ 21,702.50	\$ 195,322.50
6888225	FURNISH AND INSTALL CONTROLLER AND 332/336 CABINET - BASE MOUNTED	7	EA	\$ 13,390.00	\$ 93,730.00	\$ 1,336.30	\$ 9,354.10
7011401	CONC./STRUC-CL 4000(RET WALL)	130	CY	\$ 1,185.00	\$ 154,050.00	\$ 629.25	\$ 81,802.50
7031105	REINFORCING STEEL FOR STRUCTURE (RETAINING WALL)	1300	LB	\$ 2.06	\$ 2,678.00	\$ 5.00	\$ 6,500.00
7065080	TREATED STRUCTURAL TIMBER BOARDWALK	975	LF	\$ 331.66	\$ 323,368.50	\$ 442.23	\$ 431,169.38
7141113	18" RC PIPE CUL-CLASS III	12	LF	\$ 59.01	\$ 708.12	\$ 65.13	\$ 781.50
7141133	18" RC PIPE CUL-CLASS V	28	LF	\$ 61.40	\$ 1,719.20	\$ 70.00	\$ 1,960.00
7143615	15" SMOOTH WALL PIPE	58	LF	\$ 71.99	\$ 4,175.42	\$ 56.13	\$ 3,255.54
7143618	18" SMOOTH WALL PIPE	4159	LF	\$ 60.49	\$ 251,577.91	\$ 67.95	\$ 282,604.05
7143624	24" SMOOTH WALL PIPE	1327	LF	\$ 71.85	\$ 95,344.95	\$ 81.08	\$ 107,593.16
7143630	30" SMOOTH WALL PIPE	544	LF	\$ 104.00	\$ 56,576.00	\$ 163.62	\$ 89,009.28
7143636	36" SMOOTH WALL PIPE	720	LF	\$ 170.00	\$ 122,400.00	\$ 128.17	\$ 92,282.40
7143642	42" SMOOTH WALL PIPE	420	LF	\$ 195.00	\$ 81,900.00	\$ 374.10	\$ 157,122.00
7149999	CLEANING EXISTING PIPE	5650	LF	\$ 15.45	\$ 87,292.50	\$ 11.23	\$ 63,421.25
7182000	BRICK MASONRY (REINFORCED)	90	CY	\$ 1,236.00	\$ 111,240.00	\$ 1,278.00	\$ 115,020.00
7191005	CATCH BASIN -TYPE 1	26	EA	\$ 3,400.00	\$ 88,400.00	\$ 2,715.00	\$ 70,590.00
7191050	CATCH BASIN -TYPE 1 SPECIAL	1	EA	\$ 7,150.00	\$ 7,150.00	\$ 2,900.00	\$ 2,900.00
7191006	CATCH BASIN -TYPE 1 W 4X4 BOX	6	EA	\$ 3,880.00	\$ 23,280.00	\$ 3,435.50	\$ 20,613.00
7191605	CATCH BASIN -TYPE 16	30	EA	\$ 5,800.00	\$ 174,000.00	\$ 4,404.50	\$ 132,135.00
7191611	CATCH BASIN -TYPE 16 WITH MODIFIED BOX (NO. 1)	2	EA	\$ 8,590.00	\$ 17,180.00	\$ 6,500.00	\$ 13,000.00
7191625	CATCH BASIN -TYPE 17	22	EA	\$ 6,485.00	\$ 142,670.00	\$ 4,476.50	\$ 98,483.00
7191631	CATCH BASIN -TYPE 17 WITH MODIFIED BOX (NO.1)	5	EA	\$ 7,260.00	\$ 36,300.00	\$ 6,500.00	\$ 32,500.00
7191632	CATCH BASIN -TYPE 17 WITH MODIFIED BOX (NO.2)	1	EA	\$ 8,080.00	\$ 8,080.00	\$ 6,500.00	\$ 6,500.00
7191633	CATCH BASIN -TYPE 17 WITH MODIFIED BOX (NO.3)	2	EA	\$ 8,010.00	\$ 16,020.00	\$ 6,500.00	\$ 13,000.00
7191650	CATCH BASIN -TYPE 18	8	EA	\$ 8,350.00	\$ 66,800.00	\$ 5,431.50	\$ 43,452.00
7192010	DROP INLET (24" X 24")	17	EA	\$ 2,073.00	\$ 35,241.00	\$ 2,082.00	\$ 35,394.00
7192020	DROP INLET (24" X 36")	32	EA	\$ 2,580.00	\$ 82,560.00	\$ 2,129.00	\$ 68,128.00
7192105	MANHOLE	31	EA	\$ 3,170.00	\$ 98,270.00	\$ 2,837.00	\$ 87,947.00

BEAUFORT COUNTY ENGINEERING DIVISION

ENGINEER'S OPINION OF COST-US 21 BUSINESS/BOUNDARY STREET IMPROVEMENTS FROM NEIL TO GREENLAWN INCLUDING FIRST ST (PARALLEL RD)

ITEM	DESCRIPTION	QUANTITY	UNITS	Preferred Materials, Inc.		Engineer's Opinion	
				UNIT PRICE	PRICE	UNIT PRICE	PRICE
7192107	MANHOLE WITH STANDARD 4' X 4' BOX	2	EA	\$ 3,640.00	\$ 7,280.00	\$ 5,500.00	\$ 11,000.00
7192108	MANHOLE WITH STANDARD 5' X 5' BOX	4	EA	\$ 3,640.00	\$ 14,560.00	\$ 5,994.50	\$ 23,978.00
7192260	48" X 48" JUNCTION BOX	3	EA	\$ 3,355.00	\$ 10,065.00	\$ 4,587.00	\$ 13,761.00
7195551	MANUFACTURED STORMWATER TREATMENT DEVICE (MTD) TYPE I	5	EA	\$ 57,770.00	\$ 288,850.00	\$ 61,820.00	\$ 309,100.00
7196000	EXTRA DEPTH OF BOX	32	LF	\$ 256.00	\$ 8,192.00	\$ 326.00	\$ 10,432.00
7197110	ADJUST CATCH BASIN	5	EA	\$ 3,085.00	\$ 15,425.00	\$ 2,322.00	\$ 11,610.00
7198292	CATCH BASIN T-17 (CONVERT CB, TYPE 6)	7	EA	\$ 5,215.00	\$ 36,505.00	\$ 3,715.00	\$ 26,005.00
7198420	MANHOLE-CONVERT D.I. 24" X 36"	4	EA	\$ 4,475.00	\$ 17,900.00	\$ 2,614.50	\$ 10,458.00
7198495	MANHOLE-CONVERT CATCH BASIN	6	EA	\$ 4,751.00	\$ 28,506.00	\$ 2,336.00	\$ 14,016.00
7201000	CONCRETE CURB (9" X 15")	15700	LF	\$ 22.66	\$ 355,762.00	\$ 17.01	\$ 266,978.50
7201001	CONCRETE HEADER CURB (SPECIAL DETAIL)	2200	LF	\$ 26.78	\$ 58,916.00	\$ 21.30	\$ 46,860.00
7203110	CONC CURB & GUTTER (1'-6") VERT.	13225	LF	\$ 22.66	\$ 299,678.50	\$ 19.17	\$ 253,523.25
7203120	CONC. C & G (1'-6") SLOPING	800	LF	\$ 22.66	\$ 18,128.00	\$ 19.17	\$ 15,336.00
7204100	CONCRETE SIDEWALK (4" UNIFORM)	10745	SY	\$ 49.44	\$ 531,232.80	\$ 41.54	\$ 446,293.58
7204900	DETECTABLE WARNING MATERIAL	913	SF	\$ 61.80	\$ 56,423.40	\$ 33.17	\$ 30,284.21
7205000	CONCRETE DRIVEWAY (6" UNIFORM)	3750	SY	\$ 70.04	\$ 262,650.00	\$ 57.51	\$ 215,662.50
7206000	CONCRETE MEDIAN	405	SY	\$ 70.04	\$ 28,366.20	\$ 57.51	\$ 23,291.55
7207000	CONCRETE FLUME	2	EA	\$ 824.00	\$ 1,648.00	\$ 426.00	\$ 852.00
7209000	PEDESTRIAN RAMP CONSTRUCTION	1825	SY	\$ 195.70	\$ 357,152.50	\$ 140.58	\$ 256,558.50
7209100	SURFACE APPLIED DETECTABLE WARNING	40	SF	\$ 51.50	\$ 2,060.00	\$ 26.21	\$ 1,048.40
8020100	PLANTED MEDIAN SUBSURFACE DRAINAGE	4455	SY	\$ 72.93	\$ 324,903.15	\$ 69.38	\$ 309,065.63
8021204	4" PERFORATED PIPE UNDERDRAIN	352	LF	\$ 38.10	\$ 13,411.20	\$ 30.75	\$ 10,822.24
8041020	RIP-RAP (CLASS B)	60	TON	\$ 101.28	\$ 6,076.80	\$ 112.16	\$ 6,729.30
8048200	GEOTEXTILE FOR EROSION CONTROL UNDER RIPRAP (CLASS 2) TYPE A	60	SY	\$ 4.51	\$ 270.60	\$ 7.71	\$ 462.60
8068142	ORNAMENTAL STEEL PICKET FENCE, 42"	290	LF	\$ 51.50	\$ 14,935.00	\$ 50.50	\$ 14,645.00
8071000	RESET FENCE	661	LF	\$ 15.45	\$ 10,212.45	\$ 23.88	\$ 15,781.38
8080000	MOVING ITEMS	NEC	LS	\$ 92,700.00	\$ 92,700.00	\$ 90,350.00	\$ 90,350.00
8090050	RIGHT OF WAY REPORT	NEC	LS	\$ 515.00	\$ 515.00	\$ 5,757.50	\$ 5,757.50
8091010	RIGHT OF WAY MARKER (REBAR&CAP)	218	EA	\$ 56.65	\$ 12,349.70	\$ 72.15	\$ 15,728.70
8091050	RIGHT OF WAY PLAT	NEC	LS	\$ 9,373.00	\$ 9,373.00	\$ 9,846.50	\$ 9,846.50
8100100	PERMANENT COVER	3.35	ACRE	\$ 1,854.00	\$ 6,210.90	\$ 1,477.00	\$ 4,947.95
8100200	TEMPORARY COVER	1.675	ACRE	\$ 1,236.00	\$ 2,070.30	\$ 1,030.50	\$ 1,726.09
8104005	FERTILIZER (NITROGEN)	335	LB	\$ 3.09	\$ 1,035.15	\$ 2.07	\$ 693.45
8104010	FERTILIZER (PHOSPHORIC ACID)	335	LB	\$ 3.09	\$ 1,035.15	\$ 2.07	\$ 693.45
8104015	FERTILIZER (POTASH)	335	LB	\$ 3.09	\$ 1,035.15	\$ 2.07	\$ 693.45
8105005	AGRICULTURAL GRANULAR LIME	6700	LB	\$ 0.41	\$ 2,747.00	\$ 0.28	\$ 1,876.00
8109001	SOIL TEST	3	EA	\$ 103.00	\$ 309.00	\$ 120.50	\$ 361.50
8109050	SELECTIVE WATERING	72370	GAL	\$ 0.13	\$ 9,408.10	\$ 0.10	\$ 7,237.00
8109901	MOWING	9.05	ACRE	\$ 257.50	\$ 2,330.38	\$ 197.75	\$ 1,789.64
8110220	DOUBLE-SHREDDED HARDWOOD MULCH	21150	SF	\$ 0.67	\$ 14,170.50	\$ 0.39	\$ 8,142.75
8112000	5.0 ONCE WEED FABIC	32475	SF	\$ 0.26	\$ 8,443.50	\$ 0.25	\$ 7,956.38
8110003	LANDSCAPING ITEM NO.1	176	EA	\$ 419.21	\$ 73,780.96	\$ 570.50	\$ 100,408.00
8110003	LANDSCAPING ITEM NO.2	53	EA	\$ 339.90	\$ 18,014.70	\$ 337.00	\$ 17,861.00
8110003	LANDSCAPING ITEM NO.3	79	EA	\$ 37.08	\$ 2,929.32	\$ 23.25	\$ 1,836.75
8110003	LANDSCAPING ITEM NO.4	215	EA	\$ 45.32	\$ 9,743.80	\$ 27.03	\$ 5,810.38
8110003	LANDSCAPING ITEM NO.5	2171	EA	\$ 5.90	\$ 12,808.90	\$ 5.98	\$ 12,971.73
8110003	LANDSCAPING ITEM NO.6	5778	EA	\$ 5.90	\$ 34,090.20	\$ 5.23	\$ 30,218.94
8110003	LANDSCAPING ITEM NO.7	292	EA	\$ 15.60	\$ 4,555.20	\$ 26.20	\$ 7,648.94
8110003	LANDSCAPING ITEM NO.8	462	EA	\$ 5.90	\$ 2,725.80	\$ 9.11	\$ 4,206.51
8110003	LANDSCAPING ITEM NO.9	10739	EA	\$ 6.03	\$ 64,756.17	\$ 5.19	\$ 55,681.72
8115500	TREE WATERING BAG SYSTEM	282	EA	\$ 487.19	\$ 137,387.58	\$ 34.34	\$ 9,682.47

BEAUFORT COUNTY ENGINEERING DIVISION

ENGINEER'S OPINION OF COST-US 21 BUSINESS/BOUNDARY STREET IMPROVEMENTS FROM NEIL TO GREENLAWN INCLUDING FIRST ST (PARALLEL RD)

ITEM	DESCRIPTION	QUANTITY	UNITS	Preferred Materials, Inc.		Engineer's Opinion	
				UNIT PRICE	PRICE	UNIT PRICE	PRICE
8151112	TEMPORARY EROSION CONTROL BLANKET (CLASS B)	0.056	MSY	\$ 2,575.00	\$ 144.20	\$ 1,947.50	\$ 109.06
8151201	HYDRAULIC EROSION CONTROL PRODUCT (HECP) - TYPE 1	3.35	ACRE	\$ 515.00	\$ 1,725.25	\$ 515	\$ 1,725.25
8152004	INLET STRUCTURE FILTER - TYPE F (WEIGHTED)	1342	LF	\$ 10.21	\$ 13,701.82	\$ 13.19	\$ 17,700.98
8152006	INLET STRUCTURE FILTER- TYPE F (NON-WEIGHTED)	1128	LF	\$ 9.55	\$ 10,772.40	\$ 8.93	\$ 10,067.40
8152007	SEDIMENT TUBES FOR DITCH CHECKS	182	LF	\$ 8.08	\$ 1,470.56	\$ 8.93	\$ 1,624.35
8153000	SILT FENCE	14304	LF	\$ 2.01	\$ 28,751.04	\$ 2.53	\$ 36,189.12
8153090	REPLACE/REPAIR SILT FENCE	1431	LF	\$ 2.47	\$ 3,534.57	\$ 4.26	\$ 6,096.06
8154000	SILT BASINS	103	CY	\$ 22.51	\$ 2,318.53	\$ 20.47	\$ 2,107.90
8154010	CLEANING SILT BASINS	375	CY	\$ 21.53	\$ 8,073.75	\$ 26.34	\$ 9,875.63
8154050	REMOVAL OF SILT RETAINED BY SILT FENCE	3871	LF	\$ 3.07	\$ 11,883.97	\$ 4.56	\$ 17,632.41
8156210	INLET STRUCTURE FILTER - TYPE B	49	EA	\$ 420.00	\$ 20,580.00	\$ 172.84	\$ 8,468.92
8156300	SEDIMENT DAM RIPRAP	232	TON	\$ 101.56	\$ 23,561.92	\$ 109.93	\$ 25,502.60
8156405	AGGREGATE NO.5 FOR EROSION CONTROL (6" UNIFORM)	46	SY	\$ 30.12	\$ 1,385.52	\$ 35.35	\$ 1,626.10
8156490	STABILIZED CONSTRUCTION ENTRANCE	2300	SY	\$ 22.88	\$ 52,624.00	\$ 24.47	\$ 56,269.50
XXXXXXX	MEDIAN BIO SWALE	815	SY	\$ 133.00	\$ 108,395.00	\$ 100.00	\$ 81,500.00
B990097	UTILITY DUCT BANK SYSTEM	14350	LF	\$ 191.58	\$ 2,749,173.00	\$ 237.50	\$ 3,408,125.00
B990393	PERMEABLE INTERLOCKING CONCRETE PAVERS	372	SF	\$ 15.45	\$ 5,747.40	\$ 16.75	\$ 6,975.00
9510900	AS-BUILD CONSTRUCTION PLANS	1	LS	\$ 22,660.00	\$ 22,660.00	\$ 34,530.00	\$ 34,530.00
	PROJECT SUBTOTAL COST				\$ 18,765,274.84		\$ 20,094,355.97

This is an accurate Abstract of Bid submitted July 7, 2015.

Donald L Williams

Project Manager - Reviewer

To the best of my knowledge, information and belief, this bid tabulation is any accurate summary of the bid received on July 7, 2015.

Doyle D. Kelley, Jr.

Certified by Doyle D. Kelley, Jr., P.E.

FE Registration # 19083 / Thomas & Hutton

DISADVANTAGED BUSINESS ENTERPRISES (DBE)
COMMITAL SHEET

Information must be shown on this sheet as required by the supplemental specifications entitled "Instructions to Bidders - Federal Projects" and "Disadvantaged Business Enterprises (DBE) - Federal Projects" included in this proposal.

FAILURE TO PROVIDE ALL INFORMATION REQUIRED ON THIS FORM MAY RESULT IN THE AWARD BEING MADE TO THE NEXT LOWEST RESPONSIBLE BIDDER.

1 Name & Address of DBE's (Subcontractor or Supplier)	2 Percent †	3 Description of Work and Approximate Quantity 6 (show percent when appropriate)				5 Dollar Value
		Item	Qty.	Unit	4 Unit Price	
W. M. ROEBUCK, INC 4850 FISH HATCHERY RD LEXINGTON, SC 29073	14.90	See attached				2,796,342 ⁰⁰

- 1 The designation of Firm A and/or B is not considered acceptable. I hereby certify that this company has communicated with and received quotes from the DBE's listed above and that they are willing to perform the work as listed above and that this company is committed to utilizing the above firm(s) on this contract.
- 2 Percent - show percent of total contract amount committed to each DBE listed.
- 3 All information requested must be included unless item is listed in proposal on a lump sum basis.
- 4 Unit Price - show unit price quoted by DBE.
- 5 Dollar Value - extended amount based on Quantity and Unit Price.
- 6 Applies to lump sum items only.

This form may be reproduced or additional sheets added in order to provide all requested information. (See Instructions to Bidders - Federal Projects).

SWORN to before me 7th
 day of July, 2015
Pamela M. Sahr (Seal)
 Notary Public
 My Commission Expires April 18, 2017

Preferred Materials, Inc.
 Company
 By: Grant Peterson
 Title: Authorized Employee



COUNTY COUNCIL OF BEAUFORT COUNTY
BEAUFORT COUNTY ENGINEERING DEPARTMENT
104 Industrial Village Road, Building #3, Beaufort, SC 29906
Post Office Drawer 1228, Beaufort, SC 29901-1228
Telephone: 843-255-2700 Facsimile: 843-255-9420

TO: Councilman Gerald Dawson, Chairman, Public Facilities Committee

VIA: Gary Kubic, County Administrator *GKubic*
William Prokop, City Manager *WProkop*
Josh Gruber, Deputy County Administrator *JGruber*
Alicia Holland, Assistant County Administrator for Finance *AH*
Kathy Todd, City Finance Director *KMT*

FROM: Robert McFee PE, Division Director of Construction Engineering & Facilities *Robert McFee*

SUBJ: **Boundary Street Redevelopment Construction Management & Construction Engineering Inspection Services RFP # 053015E**

DATE: August 25, 2015

BACKGROUND. Beaufort County issued a Request for Proposals from qualified firms to provide CM/CEI Services for the Boundary Street Redevelopment as part of the TIGER Grant/County 1% Sales Tax project. The following two firms submitted qualifications and proposals on June 2, 2015 for this work.

	<u>Proposal Amount</u>
Infrastructure Consulting & Engineering (ICE), 26 John Gault Road, Beaufort, SC	\$1,968,800
RY Design Services, LLC, North Augusta, SC	\$ 150,000

The qualifications-based selection process for professional services differs from a typical proposal, in that the proposers detail their qualifications and outline how they would accomplish the project within a specified budget amount. In this regard, proposals are reviewed on the basis of the qualifications and proposal scope rather than on the lowest price. A selection committee consisting of the City Manager, City Finance Director, City Senior CIP Manager, County Division Director of Construction Engineering & Facilities, and SCDOT Project Engineer reviewed and evaluated the proposals.

As a result of the proposal evaluations, the selection committee chose ICE as the proposer providing the most qualified CM/CEI services approach for this project. ICE has in-depth knowledge of roadway construction and extensive experience with SCDOT projects and project requirements. ICE has provided CM/CEI services for numerous projects across the state as well as the widening of US 278 and SC 170 in Beaufort County. Also, ICE is currently an SCDOT on call CM/CEI consultant.

SMB OUTREACH PLAN. This solicitation sought proposals only and did not require proposers to seek quotes from potential local small and minority subcontractors.

On the basis of the qualification of the firm and the value offered, the selection committee recommends award of the CM/CEI Services for Boundary Street Redevelopment to ICE in the amount of \$1,968,800.

AA **FUNDING.** Please see the attached August 20, 2015 Boundary Street/Parallel Road Funding Financial Worksheet.

ACTION. Public Facilities Committee Meeting on August 31, 2015.

RECOMMENDATION. The Public Facilities Committee approve and recommend to County Council approval of a contract award to ICE for CM/CEI Service for the Boundary Street Redevelopment project for a total contract amount of \$1,968,800.

JRM/mjh

Attachments: 1) 8/20/15 Boundary Street/Parallel Road Funding Financial Worksheet
2) ICE Price Proposal & Certification

cc: Monica Spells, Assistant County Administrator for Civic Engagement *Spells*
Dave Thomas, Purchasing Director *DT*

BOUNDARY STREET AND PARALLEL ROAD
FUNDING BY SOURCE COMPARED TO PROJECT BUDGET
AS OF AUGUST 20, 2015

		Original Budget 2012	Budget Amended as of June 30, 2015	Budget Amended as of August 20, 2015
<u>Funding Sources</u>				
Federal Grant		\$ 12,635,000	\$ 12,635,000	\$ 12,635,000
Beaufort County Sales Tax Fund		11,346,115	11,346,115	11,346,115
Beaufort County Road Impact Fees		300,000	300,000	1,369,243
City of Beaufort TIF II		2,912,695	6,964,853	8,223,000
Total Funding Sources		<u>\$ 27,193,810</u>	<u>\$ 31,245,968</u>	<u>\$ 33,573,358</u>
<u>Project Budget</u>				
<u>BOUNDARY STREET</u>				
SC 170 Realignment				
	ROW	\$ 500,000	\$ 423,949	\$ 423,949
	Construction	3,500,000	-	-
Multi Use Path				
	ROW	200,000	376,120	376,120
	Construction	900,000	-	-
Multiway Boulevard				
	ROW	3,000,000	2,750,439	2,750,125
	Construction	9,297,000	14,665,275	14,665,275
	Duct Bank	2,900,000	-	-
Pre-Grant Expenditures		1,700,695	1,700,695	1,700,695
Engineering and other costs		-	-	1,230,045
Construction, Engineering and Inspection (CEI)		1,200,000	1,200,000	1,968,800
Contingency for Utilities		-	2,300,000	2,300,000
Project Contingency		-	1,242,780	1,637,139
Boundary Street subtotal		<u>23,197,695</u>	<u>24,659,258</u>	<u>27,052,148</u>
<u>PARALLEL ROAD</u>				
	ROW	1,300,000	1,340,595	1,167,766
	Construction	1,500,000	4,100,000	4,100,000
Pre-Grant Expenditures		746,115	746,115	746,115
Project Contingency		-	400,000	500,000
Engineering and other costs		-	-	7,329
Duct Bank		450,000	-	-
Parallel Road subtotal		<u>3,996,115</u>	<u>6,586,710</u>	<u>6,521,210</u>
Total Project Budget		<u>\$ 27,193,810</u>	<u>\$ 31,245,968</u>	<u>\$ 33,573,358</u>

RFP NO. 053015E

EXHIBIT A

PAGE 1 of 3

PRICE PROPOSAL AND CERTIFICATION

The undersigned Infrastructure Consulting & Engineering, PLLC, having carefully examined the information
(Name of Offeror)

contained in the Beaufort County RFP Number # 053015E dated June 2, 2015, proposes to provide road, roadway inspection and project management services to Beaufort County Government, as outlined in this proposal, at the price and project time specified below:

Price: \$1,968,800.35

In compliance with the Request for Proposal # 053015E, and subject to all conditions thereof, the undersigned agrees:

- (a) This quote, as stated, is open for acceptance for a period of 90 calendar days from the date of opening; and
- (b) To furnish all services, materials, and equipment necessary and incidental to perform the subject audits.

CERTIFICATION

CONTRACTOR

HAS A FEDERAL AGENCY OR A FEDERALLY CERTIFIED STATE OR LOCAL AGENCY PERFORMED ANY REVIEW OF YOUR ACCOUNTS OR RECORDS IN CONNECTION WITH ANY GRANT OR CONTRACT WITHIN ANY GRANT OR CONTRACT WITHIN THE PAST TWELVE MONTHS?

YES

NO

(IF "YES" GIVE NAME, ADDRESS, AND TELEPHONE NUMBER OF REVIEWING OFFICE.)

RFP NO. 053015EEXHIBIT APAGE 2 of 3

This proposal is submitted for use in connection with and in response to Beaufort County RFP # 053015E. This is to certify, to the best of my knowledge and belief, that the cost and pricing data summarized herein are complete, current, and accurate as of June 2, 2015, and that a financial accounting capability exists to fully and accurately account for the financial transactions under this project. I further certify that I understand that the sub-agreement price may be subject to downward renegotiation and/or recoupment where the above cost and pricing data have been determined, as a result of audit, not to have been complete, current, and accurate as of the date above.

This cost proposal is made without prior understanding, agreement, or connections with any corporation, firm, or person submitting a proposal for the same service and is in all respect fair and without collusion or fraud. I agree to abide by all conditions of this proposal and certify that I am authorized to sign this proposal.

Signature of Offeror's Representative authorized to enter into contract with Beaufort County Council:

FIRM NAME: Infrastructure Consulting & Engineering, PLLC

BY: William L Coleman DATE: June 2, 2015
(Signature)

TYPE/PRINT: William L Coleman, III, P.E. COO/ Executive Vice President
(Name) (Title)

ADDRESS: 1691 Turnbull Ave
(Street Address and/or P. O. Box Number)

North Charleston

SC

29405

(City)

(State)

(Zip Code)

PHONE: (843) 266-3581 (843) 200-6196
(Area Code) Phone Number (Area Code) Phone Number

FEDERAL ID#: 45-3175330 S.C. TAX #: N/A

EXHIBIT AEXHIBIT A

IS YOUR FIRM:	1.	SOLE PROPRIETORSHIP	<u> </u>	YES	<u> </u>	NO
	2.	PARTNERSHIP	<u> X </u>	YES	<u> </u>	NO
	3.	CORPORATION	<u> </u>	YES	<u> </u>	NO

IF COMPANY IS A SOLE PROPRIETORSHIP, LIST THE OWNER=S FULL LEGAL NAME:

IF COMPANY IS A PARTNERSHIP, LIST THE PARTNERS= FULL LEGAL NAMES:

Elham Farzam

William L. Coleman, III

Peter Graf

IF COMPANY IS A CORPORATION, LIST THE FULL LEGAL NAME, AS LISTED ON THE CORPORATE CHARTER:

IS THIS FIRM A MINORITY, OR WOMAN-OWNED BUSINESS ENTERPRISE?

 YES X NO IF YES, SPECIFY: MBE WBE

HAS THIS FIRM BEEN CERTIFIED AS A MINORITY/WOMAN-OWNED BUSINESS ENTERPRISE BY ANY GOVERNMENTAL AGENCY? _____ YES X NO

IF YES, SPECIFY GOVERNMENTAL AGENCY: _____

DATE OF CERTIFICATION: _____

Certification regarding Debarment, Suspension, Ineligibility, and Voluntary Exclusion:

The contractor certifies, by submission of this qualification statement or acceptance of a contract, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any State, Federal department, or agency. It further agrees by submitting this qualification statement that it will include this clause without modification in all lower tier transactions, solicitations, proposals, contracts, and subcontracts. Where the bidder/contractor or any lower tier participant is unable to certify to this statement, it shall attach an explanation to this solicitation/bid. State whether or not your company has been involved in any litigation within the past five (5) years, arising out of your performance. Circle Yes or No. If you answer yes, explain fully if it has been involved in any litigation involving performance.

Man-Hour Estimated Costs

Position:	Hrs/Wk:	Weeks:	Rate:	Totals:
Project Manager (O)	5	104	\$67.00	\$34,840.00
CEI Manager (F)	40	104	\$62.00	\$257,920.00
Lead Inspector (F)	45	104	\$29.00	\$135,720.00
Senior Inspector (F)	45	87	\$27.00	\$105,705.00
Inspector (F)	45	15	\$25.00	\$16,875.00
Engineering Support (O)	2	52	\$55.00	\$5,720.00
CPM Schedule Review (O)	1	104	\$53.00	\$5,512.00
Survey Manager (PLS) (O)	2	104	\$51.00	\$10,608.00
Surveying Support (2-man crew) (F)	4	96	\$63.50	\$24,384.00
Utility Coordination (O)	2	26	\$54.00	\$2,808.00
Document Control (F)	40	104	\$22.00	\$91,520.00
(F) - Field Labor / (O) - Office Labor				\$691,612.00

Direct Costs

Item:	Quantity:	Months:	Cost:	Totals:
Internet Cards	3	24	\$75.00	\$5,400.00
Vehicle	3	24	\$975.00	\$70,200.00
Mileage (For Survey & Support)	1080	24	\$0.55	\$14,256.00
Lodging	2	24	\$1,300.00	\$62,400.00
Field Office (Furnished w/ services)	1	24	\$2,250.00	\$54,000.00
Nuclear Gauge	1	24	\$275.00	\$6,600.00
*Misc. Equipment (Office & Field)	1	24	\$200.00	\$4,800.00
				\$217,656.00

* Misc. Equipment - May include office items, measuring tapes, scales, paint, safety equipment, shovels, manuals, additional material testing supplies, etc.

Additional Contract Requirements

Laboratory / Testing Allowance (back-up list to be provided)	\$25,000.00
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Total Estimated Cost	Total Labor:	\$691,612.00
	Field Labor:	\$632,124.00
	Field OH (123%):	\$777,512.52
	Office Labor:	\$59,488.00
	Office OH (163%):	\$96,965.44
	Labor + Overhead:	\$1,566,089.96
	Profit (10%):	\$156,609.00
	FCC (.22%):	\$3,445.40
	Direct Expenses:	\$242,656.00
	Total Estimated Cost:	<u>\$1,968,800.35</u>