



Municipality of Princeton

Municipal Building
400 Witherspoon Street
Princeton, NJ 08540-3496

Department of Community Development
Office of the Engineer
Telephone (609)921-7077
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ROBERT V. KISER, P.E.
Director of Engineering

MEMORANDUM

TO: Robert Bruschi, Administrator

FROM: Robert V. Kiser, P.E., Director of Engineering

DATE: July 3, 2013

RE: **Improvements to Moore Street, Park Place, Vandeventer Avenue, and Willow Street
Bid Award Recommendation**

Bids for the second advertisement of the above referenced project were received on July 2, 2013. The initial bids received on June 4, 2013 were rejected, and authorization to re-advertise was given by Council on June 10, 2013. Four (4) bids were received as detailed by the attached tabulation of bids. The bids received are as follows:

	<u>Contractor</u>	<u>Bid Amount</u>
1	S. Brothers Inc. South River, NJ	\$1,693,127.24
2	Black Rock Enterprises LLC Old Bridge, NJ	\$1,798,000.00
3	Montana Construction Lodi, NJ	\$2,070,301.00
4	Top Line Construction Somerville, NJ	\$2,072,100.09

This project provides for new sanitary sewer installation and associated resurfacing of Willow Street in accordance with the easement agreement previously approved by Council; sanitary sewer repairs and replacements; drainage improvements; granite curb improvements; sidewalk replacements where necessary; and roadway repair and resurfacing of Moore Street (Nassau Street to Franklin Avenue), Park Place, Vandeventer Avenue, and Branch Alley.

Based on the above, S. Brothers Inc. of South River, NJ is the low bidder with a bid amount of \$1,693,127.24. The lowest responsible bid received in June 2013 was Black Rock Enterprises in

the amount of \$1,860,550.11. The new bid by S. Brothers Inc. realizes a savings of \$167,422.87 from the previous bid.

S. Brothers Inc. has successfully completed numerous projects in Princeton. Recent completed projects include Scott Lane and Bainbridge Street; Harriett Drive; Spring Street; South Tulane Street and Lincoln Court.

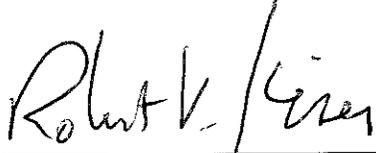
The funding for this project comes from NJDOT FY 2012 Municipal Aid funds and various capital accounts. A breakdown of this funding is as follows:

<u>Fund Source</u>	<u>Amount</u>
NJDOT Municipal Aid	\$220,000 reimbursable grant
Sewer Capital Funds	\$880,568.07
Engineering Capital Funds	\$812,559.17
Total	\$1,693,127.24

Sufficient funds are available for this bid award from NJDOT Municipal Aid Grant funding and capital as indicated above and as confirmed by Sandy Webb, CFO.

I have also discussed these bids with Robert Hough, P.E., Director of Infrastructure and Operations, and it is our joint recommendation that a contract be awarded to S. Brothers Inc. of South River, NJ in their low bid amount of \$1,693,127.24, contingent upon receiving concurrence from NJDOT Local Government Services. This award is to be made per the attached Resolution for Council's consideration.

Please contact either myself, Deanna Stockton, P.E., Assistant Engineer, or Robert Hough, P.E., PSOC Manager, if you have any questions.



Robert V. Kiser, P.E., Director of Engineering

Attachments

RVK/dls

- c: Arun Kumar, NJDOT Local Government Services (Trenton Office)
- Linda S. McDermott, Municipal Clerk
- Edwin W. Schmierer, Municipal Attorney
- Robert Hough, P.E., Director of Infrastructure and Operations
- Deanna Stockton, P.E., Assistant Engineer
- Robert Pagan, Assistant Engineer
- Chris Knigge, Engineering Aide
- Rosanna Roberto, Bookkeeper/Secretary

**RESOLUTION 2013-R
OF THE MAYOR AND COUNCIL
OF THE MUNICIPALITY OF PRINCETON
RESOLUTION**

WHEREAS, Council rejected the initial bids for the Improvements to Moore Street, Park Place, Vandeventer Avenue, and Willow Street and authorized the re-advertisement for bids at their regularly scheduled meeting on June 10, 2013; and

WHEREAS, Princeton has advertised for and received bids in accordance with the provisions of the New Jersey Local Public Contracts Law, *N.J.S.A. 40A:11-2 et seq.* for Capital Improvements to Moore Street, Park Place, Vandeventer Avenue, and Willow Street; and

WHEREAS, Princeton has received four (4) bids to undertake and complete said work; and

WHEREAS, in reviewing said bids Princeton has determined that the lowest responsible bidder is S. Brothers of South River, NJ in the amount of \$1,693,127.24; and

WHEREAS, the S. Brothers Inc. bid is lower than the lowest responsible bid results received in June 2013; and

WHEREAS, Princeton has appropriated funds for this capital project which include the receipt of the New Jersey Department of Transportation FY 2012 Municipal Aid Grant in the amount of \$220,000; and

WHEREAS, Princeton wishes to award a contract to undertake and complete said work to the aforementioned lowest responsible bidder.

NOW, THEREFORE, BE IT RESOLVED by the Princeton Council and the Municipality of Princeton as follows:

1. The Mayor and Clerk of Princeton are hereby authorized and directed to enter into an agreement with S. Brothers Inc. of South River, NJ, for a sum not to exceed \$1,693,127.24 to undertake and complete various improvements of Moore Street, Park Place, Vandeventer Avenue, and Willow Street,

all in accordance with the terms and conditions with the Bid Documents which are on file in the office of the Clerk.

2. The award of this contract is being made subject to the review, approval and concurrence by the New Jersey Department of Transportation in accordance with said Department's Local Municipal Grant Program.

3. A certified true copy of this Resolution shall be furnished upon its adoption to the New Jersey Department of Transportation and S. Brothers Inc. of South River, NJ.

Councilperson	Absent	Present	1 st	2 nd	Yea	Nay	Abstain	Disqualified
Ms. Butler								
Mrs. Crumiller								
Ms. Howard								
Mr. Liverman								
Mr. Miller								
Mr. Simon								
Mayor Lempert								

I, Linda S. McDermott, Clerk of the Municipality of Princeton, do hereby certify that the above is a true and complete copy of a resolution adopted by the Mayor and Council of said Municipality at a meeting held July 8, 2013.

IN WITNESS WHEREOF, I hereunto set my hand and affix the corporate seal of said Municipality, this 8th day of July, 2013.

Linda S. McDermott
Municipal Clerk

IMPROVEMENTS TO MOORE STREET, PARK PLACE, VANDEVENTER AVENUE WILLIOW STREET
 FY 2012 MUNICIPAL AID

BID TABULATION
 Bid Opening: July 2, 2013 @ 2:30 pm

ITEM	DESCRIPTION	UNIT	QUANTITY	Engineer's Estimate		S. Brothers Inc. South River, NJ		Black Rock Enterprises, LLC Old Bridge, NJ		Montana Construction Lodi, NJ		Top Line Construction Corp. Somerville, NJ	
				UNIT COST	EXTENDED COST	UNIT COST	EXTENDED COST	UNIT COST	EXTENDED COST	UNIT COST	EXTENDED COST	UNIT COST	EXTENDED COST
1	SITE PREPARATION AND MAINTENANCE	L.S.	1	\$65,000.00	\$65,000.00	\$444,800.00	\$444,800.00 #1	\$378,223.95	\$378,223.95	\$125,000.00	\$125,000.00	\$320,000.00	\$320,000.00
2A	TREE AND STUMP REMOVAL, 6" AND GREATER DIAMETER, IF AND WHERE DIRECTED	EA	4	\$650.00	\$2,600.00	\$150.00	\$600.00	\$500.00	\$2,000.00	\$1,500.00	\$6,000.00	\$500.00	\$2,000.00
2B	STUMP REMOVAL BY PULLING OR GRINDING	EA	2	\$200.00	\$400.00	\$300.00	\$600.00	\$300.00	\$600.00	\$500.00	\$1,000.00	\$300.00	\$600.00
3	TEST PITS, IF AND WHERE DIRECTED	C.Y.	44	\$45.00	\$1,980.00	\$0.01	\$0.44	\$25.00	\$1,100.00	\$1.00	\$44.00	\$134.26	\$5,907.44
4A	REMOVAL OF BRICK CROSSWALK AND FOUNDATION	S.Y.	404	\$35.00	\$14,140.00	\$6.00	\$2,424.00	\$25.00	\$10,100.00	\$15.00	\$6,060.00	\$24.49	\$9,893.96
4B	ROADWAY EXCAVATION, UNCLASSIFIED	C.Y.	25	\$15.00	\$375.00	\$36.00	\$900.00	\$35.00	\$875.00	\$50.00	\$1,250.00	\$58.14	\$1,453.50
5	TRENCH EXCAVATION, ROCK	C.Y.	10	\$150.00	\$1,500.00	\$250.00	\$2,500.00	\$225.00	\$2,250.00	\$250.00	\$2,500.00	\$291.63	\$2,916.30
6	TEMPORARY TRENCH RESTORATION, PAVED AREAS, 2" THICK	TON	184	\$155.00	\$28,520.00	\$80.00	\$14,720.00	\$75.00	\$13,800.00	\$80.00	\$11,040.00	\$50.00	\$9,200.00
7A	PROFILE MILLING, 1/2" - 2" THICK, 6' WIDE	S.Y.	4333	\$3.75	\$16,248.75	\$2.75	\$11,915.75	\$3.50	\$15,165.50	\$4.00	\$17,332.00	\$5.05	\$21,881.65
7B	MILLING BITUMINOUS CONCRETE, 1"-3" THICK	S.Y.	1201	\$4.50	\$5,404.50	\$2.75	\$3,302.75	\$3.50	\$4,203.50	\$6.00	\$7,206.00	\$5.83	\$7,001.83
8	SUBGRADE REPAIRS, IF AND WHERE DIRECTED	C.Y.	10	\$50.00	\$500.00	\$45.00	\$450.00	\$0.01	\$0.10	\$100.00	\$1,000.00	\$0.01	\$0.10
9	DGABC, 6" THICK	C.Y.	91	\$20.00	\$1,820.00	\$35.00	\$3,185.00	\$27.00	\$2,457.00	\$100.00	\$9,100.00	\$27.62	\$2,513.42
10	LEVELING COURSE, HOT MIX ASPHALT 9.5M64	TON	365	\$80.00	\$29,200.00	\$77.00	\$28,105.00	\$82.00	\$29,980.00	\$90.00	\$32,850.00	\$88.22	\$32,200.30
11	HOT MIX ASPHALT 19M64 BASE COURSE, 5" THICK	TON	632	\$95.00	\$60,040.00	\$88.00	\$42,976.00	\$95.00	\$60,040.00	\$75.00	\$47,400.00	\$124.31	\$78,563.92
12	HOT MIX ASPHALT 9.5M64 SURFACE COURSE, 2" THICK	TON	1661	\$75.00	\$124,575.00	\$77.00	\$127,897.00	\$82.00	\$136,202.00	\$85.00	\$141,185.00	\$98.98	\$159,422.78
13	ASPHALT PRICE ADJUSTMENT	L.S.	1	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00 #2	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
14	NIGHT TIME RESURFACING	L.S.	1	\$10,000.00	\$10,000.00	\$12,000.00	\$12,000.00	\$9,500.00	\$9,500.00	\$7,500.00	\$7,500.00	\$4,000.00	\$4,000.00
15	BITUMINOUS CONCRETE DRIVEWAYS	S.Y.	150	\$35.00	\$5,250.00	\$40.00	\$6,000.00	\$45.00	\$6,750.00	\$60.00	\$9,000.00	\$45.06	\$6,759.00
16	DECORATIVE DRIVEWAY STONE	S.Y.	17	\$15.00	\$255.00	\$30.00	\$510.00	\$50.00	\$850.00	\$60.00	\$1,020.00	\$75.00	\$1,275.00
17A	SANITARY SEWER MAIN CLEANING (INITIAL AND FINAL)	L.F.	1064	\$2.50	\$2,660.00	\$1.00	\$1,064.00	\$2.25	\$2,394.00	\$25.00	\$26,600.00	\$7.70	\$8,192.80
17B	SANITARY SEWER MAIN VIDEO INSPECTION (INITIAL AND FINAL)	L.F.	1064	\$2.50	\$2,660.00	\$1.00	\$1,064.00	\$2.25	\$2,394.00	\$25.00	\$26,600.00	\$4.95	\$5,266.80
17C	LINER PIPE, 8" DIAMETER	L.F.	1064	\$55.00	\$58,160.00	\$36.00	\$38,304.00	\$40.00	\$42,560.00	\$75.00	\$79,800.00	\$40.70	\$43,304.80

IMPROVEMENTS TO MOORE STREET, PARK PLACE, VANDEVENTER AVENUE WILLOW STREET
 FY 2012 MUNICIPAL AID

BID TABULATION
 Bid Opening: July 2, 2013 @ 2:30 pm

ITEM	DESCRIPTION	UNIT	QUANTITY	Engineer's Estimate		S. Brothers Inc. South River, NJ		Black Rock Enterprises, LLC Old Bridge, NJ		Montana Construction Lodi, NJ		Top Line Construction Corp. Somerville, NJ	
				UNIT COST	EXTENDED COST	UNIT COST	EXTENDED COST	UNIT COST	EXTENDED COST	UNIT COST	EXTENDED COST	UNIT COST	EXTENDED COST
17D	SANITARY SEWER MAIN POINT REPAIR / REPLACEMENT, 0' - 8' DEPTH, IF AND WHERE DIRECTED	EA.	4	\$4,000.00	\$16,000.00	\$2,500.00	\$10,000.00	\$3,000.00	\$12,000.00	\$12,500.00	\$50,000.00	\$4,132.82	\$16,530.48
17E	SANITARY SEWER MAIN POINT REPAIR / REPLACEMENT, 8' - 12' DEPTH, IF AND WHERE DIRECTED	EA.	2	\$5,000.00	\$10,000.00	\$3,500.00	\$7,000.00	\$4,000.00	\$8,000.00	\$15,000.00	\$30,000.00	\$7,949.84	\$15,899.68
17F	SEWER LATERAL REACTIVATION	EA.	17	\$15.00	\$255.00	\$0.01	\$0.17	\$100.00	\$1,700.00	\$2,500.00	\$42,500.00	\$165.00	\$2,805.00
18A	ADDITIONAL STONE FOUNDATION MATERIAL - 3/4" CLEAN STONE, IF AND WHERE DIRECTED (MIN. UNIT PRICE OF \$20.00 / CY)	C.Y.	35	\$25.00	\$875.00	\$20.00	\$700.00	\$20.00	\$700.00	\$30.00	\$1,050.00	\$20.00	\$700.00
18B	SOIL AGGREGATE DESIGNATION L-2 - SANITARY TRENCHES (MIN. UNIT PRICE OF \$20.00 / CY)	C.Y.	60	\$20.00	\$1,200.00	\$20.00	\$1,200.00	\$20.00	\$1,200.00	\$30.00	\$1,800.00	\$20.00	\$1,200.00
18C	SANITARY SEWER LATERAL VIDEO INSPECTION	L.F.	400	\$4.00	\$1,600.00	\$1.00	\$400.00	\$2.50	\$1,000.00	\$25.00	\$10,000.00	\$3.87	\$1,548.00
18D	SANITARY SEWER LATERAL INSTALLATION, 4" 5" OR 6" PVC, SEWER MAIN TO R.O.W. LINE	L.F.	537	\$145.00	\$77,865.00	\$130.00	\$69,810.00	\$55.00	\$29,535.00	\$100.00	\$53,700.00	\$150.00	\$80,550.00
18E	SANITARY SEWER LATERAL INSTALLATION, 4" 5" OR 6" PVC, R.O.W. LINE TO BUILDING, IF AND WHERE DIRECTED	L.F.	125	\$120.00	\$15,000.00	\$130.00	\$16,250.00	\$55.00	\$6,875.00	\$100.00	\$12,500.00	\$130.00	\$16,250.00
18F	SANITARY SEWER LATERAL REPLACEMENT, 4" 5" OR 6", SEWER MAIN TO R.O.W. LINE, WITH CLEANOUT, TRENCHLESS TECHNIQUE, 20' MIN LENGTH	L.F.	1016	\$110.00	\$111,760.00	\$130.00	\$133,280.00	\$105.00	\$106,890.00	\$125.00	\$127,000.00	\$121.45	\$123,393.20
18G	SANITARY SEWER LATERAL REPLACEMENT, 4" 5" OR 6", R.O.W. TO BUILDING, TRENCHLESS TECHNIQUE, 20' MIN LENGTH, IF AND WHERE DIRECTED	L.F.	823	\$110.00	\$90,530.00	\$30.00	\$24,690.00	\$105.00	\$86,415.00	\$125.00	\$102,875.00	\$98.45	\$81,024.35
18H	SANITARY SEWER LATERAL SPOT REPAIR AND TESTING, 4" 5" OR 6", R.O.W. TO BUILDING, 10' MAX LENGTH, IF AND WHERE DIRECTED	EA.	8	\$1,500.00	\$12,000.00	\$500.00	\$4,000.00	\$1,000.00	\$8,000.00	\$2,250.00	\$18,000.00	\$1,000.00	\$8,000.00
18I	ADDITIONAL SANITARY SEWER MAIN REPLACEMENT, IF AND WHERE DIRECTED	L.F.	49	\$50.00	\$2,450.00	\$80.00	\$3,920.00	\$80.00	\$3,920.00	\$100.00	\$4,900.00	\$111.09	\$5,443.41
18J	SANITARY SEWER LATERAL CLEANOUT AT R.O.W. LINE	EA.	23	\$350.00	\$8,075.00	\$200.00	\$4,600.00	\$200.00	\$4,600.00	\$1,350.00	\$31,050.00	\$50.00	\$1,150.00
18K	SANITARY SEWER LATERAL CLEANOUT AT BUILDING, IF AND WHERE DIRECTED	EA.	6	\$100.00	\$600.00	\$200.00	\$1,200.00	\$200.00	\$1,200.00	\$1,500.00	\$9,000.00	\$0.01	\$0.06
18L	8" P.V.C. SANITARY SEWER (0 - 8' DEEP)	L.F.	573	\$100.00	\$57,300.00	\$110.00	\$63,030.00	\$112.00	\$64,176.00	\$170.00	\$97,410.00	\$153.27	\$87,823.71

IMPROVEMENTS TO MOORE STREET, PARK PLACE, VANDEVENTER AVENUE WILLOW STREET
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ITEM	DESCRIPTION	UNIT	QUANTITY	Engineer's Estimate		S. Brothers Inc. South River, NJ		Black Rock Enterprises, LLC Old Bridge, NJ		Montana Construction Lodi, NJ		Top Line Construction Corp. Somerville, NJ	
				UNIT COST	EXTENDED COST	UNIT COST	EXTENDED COST	UNIT COST	EXTENDED COST	UNIT COST	EXTENDED COST	UNIT COST	EXTENDED COST
18M	8" P.V.C. SANITARY SEWER (8'-12' DEEP)	L.F.	166	\$120.00	\$19,920.00	\$120.00	\$19,920.00	\$115.00	\$19,090.00	\$185.00	\$30,710.00	\$166.11	\$27,574.26
18N	12" P.V.C. SANITARY SEWER (0-8' DEEP)	L.F.	516	\$110.00	\$56,760.00	\$130.00	\$67,080.00	\$125.00	\$64,500.00	\$185.00	\$95,460.00	\$125.33	\$64,670.28
18O	12" P.V.C. SANITARY SEWER (8'-12' DEEP)	L.F.	250	\$150.00	\$37,500.00	\$140.00	\$35,000.00	\$140.00	\$35,000.00	\$240.00	\$60,000.00	\$171.87	\$42,957.50
18P	12" P.V.C. SANITARY SEWER (12'-16' DEEP)	L.F.	239	\$185.00	\$44,225.00	\$150.00	\$35,850.00	\$165.00	\$39,435.00	\$275.00	\$66,725.00	\$185.42	\$44,315.38
18Q	SANITARY SEWER UNDERDRAIN REPLACEMENT, 4" 6", 8", OR 10" IF AND WHERE DIRECTED	L.F.	25	\$90.00	\$2,250.00	\$0.01	\$0.25	\$1.00	\$25.00	\$100.00	\$2,500.00	\$48.62	\$1,215.50
18R	PROTECTION AND REPLACEMENT OF RESIDENTIAL WATER SERVICE LINE, OUTSIDE R.O.W.	L.F.	86	\$20.00	\$1,720.00	\$0.01	\$0.86	\$1.00	\$86.00	\$25.00	\$2,150.00	\$0.01	\$0.86
18S	PROTECTION AND REPLACEMENT OF RESIDENTIAL WATER SERVICE LINE, WITHIN R.O.W.	L.F.	135	\$20.00	\$3,100.00	\$0.01	\$1.55	\$1.00	\$155.00	\$25.00	\$3,875.00	\$0.01	\$1.55
18T	BITUMINOUS CONCRETE DRIVEWAY RESTORATION OUTSIDE R.O.W., 7" THICK	S.Y.	10	\$35.00	\$350.00	\$19.00	\$190.00	\$1.00	\$10.00	\$65.00	\$650.00	\$0.01	\$0.10
18U	STONE DRIVEWAY RESTORATION, 4" THICK, OUTSIDE R.O.W.	S.Y.	20	\$15.00	\$300.00	\$0.01	\$0.20	\$1.00	\$20.00	\$25.00	\$500.00	\$0.01	\$0.20
18V	CONCRETE SIDEWALK, 5" THICK, OUTSIDE R.O.W.	S.Y.	22	\$50.00	\$1,100.00	\$0.01	\$0.22	\$1.00	\$22.00	\$75.00	\$1,650.00	\$0.01	\$0.22
18W	LAWN AREA RESTORATION OUTSIDE R.O.W., (MIN. UNIT PRICE OF \$5.00 / S.Y.)	S.Y.	72	\$6.50	\$468.00	\$5.00	\$360.00	\$5.00	\$360.00	\$10.00	\$720.00	\$5.00	\$360.00
18X	4" DIA. SANITARY SEWER MANHOLE (0-8' DEEP)	EA.	5	\$3,500.00	\$17,500.00	\$2,500.00	\$12,500.00	\$3,400.00	\$17,000.00	\$5,000.00	\$25,000.00	\$4,572.71	\$22,863.55
18Y	4" DIA. SANITARY SEWER MANHOLE (8'-12' DEEP)	EA.	2	\$3,800.00	\$7,600.00	\$3,500.00	\$7,000.00	\$4,000.00	\$8,000.00	\$7,500.00	\$15,000.00	\$5,175.75	\$10,351.50
18Z	4" DIA. SANITARY SEWER DROP MANHOLE (12'-16' DEEP)	EA.	1	\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00	\$8,500.00	\$8,500.00	\$15,000.00	\$15,000.00	\$6,030.37	\$6,030.37
19A	REMOVE EXISTING STORM STRUCTURE	EA.	5	\$1,200.00	\$6,000.00	\$200.00	\$1,000.00	\$375.00	\$1,875.00	\$500.00	\$2,500.00	\$45.75	\$228.75
19B	REMOVE EXISTING STORM SEWER PIPE	C.Y.	36	\$55.00	\$2,340.00	\$3.00	\$108.00	\$40.00	\$1,440.00	\$250.00	\$9,000.00	\$40.67	\$1,464.12
20A	REINFORCED CONCRETE PIPE, 36", CL. IV	L.F.	108	\$85.00	\$9,180.00	\$128.00	\$13,824.00	\$286.00	\$30,780.00	\$275.00	\$29,700.00	\$492.13	\$53,150.04
20B	REINFORCED CONCRETE PIPE, 15", CL. IV	L.F.	115	\$55.00	\$7,475.00	\$88.00	\$7,820.00	\$75.00	\$8,625.00	\$125.00	\$14,375.00	\$95.00	\$10,925.00
20C	REINFORCED CONCRETE ELLIPTICAL PIPE, 29" X 45", CL. IV	L.F.	109	\$105.00	\$11,445.00	\$184.00	\$17,876.00	\$275.00	\$29,975.00	\$400.00	\$43,600.00	\$145.00	\$15,805.00
21	DUCTILE IRON PIPE, 20", CL. 52	L.F.	18	\$65.00	\$1,170.00	\$148.00	\$2,664.00	\$200.00	\$3,600.00	\$350.00	\$6,300.00	\$220.00	\$3,960.00

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				UNIT COST	EXTENDED COST	UNIT COST	EXTENDED COST	UNIT COST	EXTENDED COST	UNIT COST	EXTENDED COST	UNIT COST	EXTENDED COST
22A	SIDEWALK GROSS DRAIN W/ SLOID COVER	L.F.	63	\$25.00	\$1,575.00	\$132.00	\$8,316.00	\$65.00	\$4,095.00	\$300.00	\$18,900.00	\$150.00	\$9,450.00
22B	TRENCH DRAIN, 12" W/ SLOTTED GRATE	L.F.	24	\$120.00	\$2,880.00	\$250.00	\$6,000.00	\$270.00	\$6,480.00	\$400.00	\$9,600.00	\$180.00	\$3,840.00
23A	DISCHARGE HEADER, 6" SCH. 80 PVC PIPE, IF AND WHERE DIRECTED	L.F.	10	\$27.00	\$270.00	\$12.00	\$120.00	\$50.00	\$500.00	\$75.00	\$750.00	\$64.06	\$640.60
23B	DISCHARGE HEADER, 8" SCH. 80 PVC PIPE	L.F.	174	\$30.00	\$5,220.00	\$14.00	\$2,436.00	\$55.00	\$9,570.00	\$80.00	\$13,920.00	\$52.95	\$9,213.30
23C	SUMP PUMP AND ROOF DRAIN CONNECTION, 4" SCH. 40 PVC PIPE	L.F.	12	\$12.00	\$144.00	\$12.00	\$144.00	\$20.00	\$240.00	\$75.00	\$900.00	\$18.30	\$219.60
23D	SUMP PUMP AND ROOF DRAIN CONNECTION, 6" SCH. 40 PVC PIPE	L.F.	60	\$13.00	\$780.00	\$12.00	\$720.00	\$22.00	\$1,320.00	\$100.00	\$6,000.00	\$19.52	\$1,171.20
23E	SUMP PUMP AND ROOF DRAIN CLEANOUT, 4"	EA.	10	\$150.00	\$1,500.00	\$150.00	\$1,500.00	\$350.00	\$3,500.00	\$1,200.00	\$12,000.00	\$299.57	\$2,995.70
23F	SUMP PUMP AND ROOF DRAIN CLEANOUT, 6"	EA.	3	\$175.00	\$525.00	\$150.00	\$450.00	\$400.00	\$1,200.00	\$1,300.00	\$3,900.00	\$323.97	\$971.91
24A	STORM SEWER INLET STRUCTURE, TYPE 'B'	EA.	5	\$2,400.00	\$12,000.00	\$2,200.00	\$11,000.00	\$3,400.00	\$17,000.00	\$3,000.00	\$15,000.00	\$4,547.39	\$22,736.95
24B	STORM SEWER INLET STRUCTURE, TYPE 'B2'	EA.	3	\$3,700.00	\$11,100.00	\$3,000.00	\$9,000.00	\$5,000.00	\$15,000.00	\$3,500.00	\$10,500.00	\$7,679.57	\$23,038.71
24C	STORM DRAINAGE INLET CURB PIECE, TYPE 'B' W/ TYPE 'C' MARKINGS (EMBEDDED)	EA.	17	\$350.00	\$4,250.00	\$300.00	\$5,100.00	\$390.00	\$6,630.00	\$1,500.00	\$25,500.00	\$389.44	\$6,280.48
24D	TYPE 'B' INLET FRAME & GRATE, WITH ECO MARKINGS (EMBEDDED)	EA.	4	\$375.00	\$1,500.00	\$900.00	\$3,200.00	\$975.00	\$3,500.00	\$1,500.00	\$6,000.00	\$1,020.92	\$4,083.68
24E	TYPE 'D' INLET FRAME & GRATE, WITH ECO MARKINGS (EMBEDDED)	EA.	3	\$325.00	\$975.00	\$740.00	\$2,220.00	\$800.00	\$2,400.00	\$1,500.00	\$4,500.00	\$1,033.68	\$3,101.04
24F	TYPE 'E' INLET FRAME & GRATE, WITH ECO MARKINGS (EMBEDDED)	EA.	2	\$450.00	\$900.00	\$880.00	\$1,760.00	\$900.00	\$1,800.00	\$1,500.00	\$3,000.00	\$1,134.94	\$2,269.88
24G	MANHOLE/INLET RECONSTRUCTION	EA.	3	\$1,800.00	\$5,400.00	\$800.00	\$2,400.00	\$2,000.00	\$6,000.00	\$3,000.00	\$9,000.00	\$2,002.71	\$6,008.13
24H	5' DIA. STORM SEWER MANHOLE (12' - 16' DEEP)	EA.	1	\$6,500.00	\$6,500.00	\$9,000.00	\$9,000.00	\$9,900.00	\$9,900.00	\$7,000.00	\$7,000.00	\$14,979.98	\$14,979.98
24I	STORM SEWER DOGHOUSE MANHOLE	EA.	2	\$2,600.00	\$5,200.00	\$7,000.00	\$14,000.00	\$9,000.00	\$18,000.00	\$7,500.00	\$15,000.00	\$12,419.20	\$24,838.40
25	RESET EXISTING INLET OR MANHOLE CASTING	EA.	21	\$175.00	\$3,675.00	\$250.00	\$5,250.00	\$200.00	\$4,200.00	\$500.00	\$10,500.00	\$285.08	\$5,986.68
26	BICYCLE SAFE GRATES W/ ECO MARKINGS (EMBEDDED)	EA.	2	\$180.00	\$360.00	\$300.00	\$600.00	\$400.00	\$800.00	\$750.00	\$1,500.00	\$288.21	\$576.42
27	RESET GAS AND WATER VALVE BOXES	EA.	26	\$35.00	\$650.00	\$100.00	\$2,600.00	\$35.00	\$910.00	\$50.00	\$1,300.00	\$18.30	\$475.80
28A	RESET GRANITE CURB	L.F.	495	\$30.00	\$14,850.00	\$19.00	\$9,405.00	\$48.00	\$23,760.00	\$20.00	\$9,900.00	\$69.24	\$34,273.80
28B	GRANITE CURB, IF AND WHERE DIRECTED	L.F.	15	\$85.00	\$1,275.00	\$57.00	\$855.00	\$72.00	\$1,080.00	\$50.00	\$750.00	\$97.47	\$1,462.05
29	CONCRETE CURB, 6" X 8" X 18"	L.F.	735	\$22.00	\$16,170.00	\$26.00	\$19,110.00	\$27.00	\$19,845.00	\$20.00	\$14,700.00	\$36.99	\$28,657.65

BID TABULATION
Bid Opening: July 2, 2013 @ 2:30 pm

ITEM	DESCRIPTION	UNIT	QUANTITY	Engineer's Estimate		S. Brothers Inc. South River, NJ		Black Rock Enterprises, LLC Old Bridge, NJ		Montana Construction Lodi, NJ		Top Line Construction Corp. Somerville, NJ	
				UNIT COST	EXTENDED COST	UNIT COST	EXTENDED COST	UNIT COST	EXTENDED COST	UNIT COST	EXTENDED COST	UNIT COST	EXTENDED COST
30A	CONCRETE SIDEWALK, 5" THICK	S.Y.	1401	\$60.00	\$84,060.00	\$64.00	\$75,664.00	\$64.00	\$89,664.00	\$65.00	\$77,065.00	\$80.33	\$112,542.33
30B	CONCRETE SIDEWALK AND DRIVEWAY APRON, 8" THICK WITH WIRE MESH	S.Y.	514	\$75.00	\$38,550.00	\$80.00	\$30,840.00	\$78.00	\$40,092.00	\$70.00	\$35,980.00	\$123.87	\$63,608.18
30C	CONCRETE, MISCELLANEOUS, IF AND WHERE DIRECTED	C.Y.	25	\$300.00	\$7,500.00	\$100.00	\$2,500.00	\$100.00	\$2,500.00	\$250.00	\$6,250.00	\$289.94	\$6,498.50
31	RESET EXISTING BLUESTONE SIDEWALK	S.Y.	10	\$85.00	\$850.00	\$19.00	\$190.00	\$120.00	\$1,200.00	\$85.00	\$850.00	\$122.47	\$1,224.70
32A	DETECTABLE WARNING SURFACES, CAST IRON, 24" X 24" SQUARE PLATES	EA.	54	\$150.00	\$8,100.00	\$240.00	\$12,960.00	\$275.00	\$14,850.00	\$250.00	\$13,500.00	\$549.00	\$29,546.00
32B	DETECTABLE WARNING SURFACES, CAST IRON, 24" DEEP RADIAL SEGMENT PLATES	EA.	72	\$160.00	\$11,520.00	\$300.00	\$21,600.00	\$400.00	\$28,800.00	\$250.00	\$18,000.00	\$634.40	\$45,678.80
33A	BARRICADES, TYPE III	EA.	20	\$10.00	\$200.00	\$0.01	\$0.20	\$95.00	\$1,700.00	\$100.00	\$2,000.00	\$0.01	\$0.20
33B	CONSTRUCTION SIGNS	S.F.	200	\$3.00	\$600.00	\$0.01	\$2.00	\$9.00	\$1,800.00	\$12.00	\$2,400.00	\$0.01	\$2.00
33C	DRUMS	EA.	40	\$3.00	\$120.00	\$0.01	\$0.40	\$5.00	\$2,200.00	\$75.00	\$3,000.00	\$0.01	\$0.40
33D	TRAFFIC CONES	EA.	50	\$1.00	\$50.00	\$0.01	\$0.50	\$15.00	\$750.00	\$20.00	\$1,000.00	\$0.01	\$0.50
33E	PORTABLE VARIABLE MESSAGE SIGN	EA.	1	\$1,200.00	\$1,200.00	\$1,000.00	\$1,000.00	\$6,500.00	\$6,500.00	\$5,000.00	\$5,000.00	\$6,346.59	\$6,346.59
34A	TRAFFIC STRIPING, 4" WIDE, THERMOPLASTIC	L.F.	1643	\$1.80	\$2,957.40	\$0.75	\$1,232.25	\$0.65	\$1,067.95	\$1.00	\$1,643.00	\$0.59	\$969.37
34B	TRAFFIC MARKING, STOP BARS AND CROSSWALKS, LONG-LIFE, THERMOPLASTIC	S.F.	2866	\$5.40	\$15,476.40	\$1.95	\$5,588.70	\$2.00	\$5,732.00	\$1.00	\$2,866.00	\$1.68	\$4,814.88
34C	TRAFFIC MARKING, INLET ARROW AND HYDRANT TYPAROP, LONG-LIFE, THERMOPLASTIC	EA.	24	\$10.00	\$240.00	\$95.00	\$2,280.00	\$120.00	\$2,880.00	\$50.00	\$1,200.00	\$82.50	\$1,980.00
35	DRY-LAID FIELDSTONE WALL, IF AND WHERE DIRECTED	F.F.	130	\$45.00	\$5,850.00	\$60.00	\$7,800.00	\$48.00	\$6,240.00	\$125.00	\$16,250.00	\$91.50	\$11,895.00
36	LAWN AREA CONSTRUCTION	S.Y.	100	\$5.00	\$500.00	\$4.00	\$400.00	\$6.00	\$600.00	\$5.00	\$500.00	\$12.26	\$1,226.00
37	RESET MONUMENTS	EA.	4	\$600.00	\$2,400.00	\$1,000.00	\$4,000.00	\$700.00	\$2,800.00	\$500.00	\$2,000.00	\$650.00	\$2,640.00
38	AS-BUILT DRAWINGS	L.S.	1	\$7,500.00	\$7,500.00	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,500.01	\$5,500.01
SUBTOTAL					\$1,389,899.05	\$1,618,127.24	#3	\$1,723,000.00		\$1,995,301.00		\$1,997,100.09	
TOTAL COST				L.S.	1	\$75,000.00	\$75,000.00	#4	\$1,693,127.24		\$75,000.00		\$75,000.00
					\$1,464,899.05		\$1,798,000.00		\$2,070,301.00		\$75,000.00		\$2,072,100.09

IMPROVEMENTS TO MOORE STREET, PARK PLACE, VANDEVENTER AVENUE WILLLOW STREET
 FY 2012 MUNICIPAL AID

BID TABULATION
 Bid Opening: July 2, 2013 @ 2:30 pm

ITEM	DESCRIPTION	UNIT	QUANTITY	Engineer's Estimate		S. Brothers Inc. South River, NJ		Black Rock Enterprises, LLC Old Bridge, NJ		Montana Construction Lodi, NJ		Top Line Construction Corp. Somerville, NJ	
				UNIT COST	EXTENDED COST	UNIT COST	EXTENDED COST	UNIT COST	EXTENDED COST	UNIT COST	EXTENDED COST	UNIT COST	EXTENDED COST
	Roadway Cost				\$674,448.00		\$561,715.25		\$575,552.00		\$1,043,725.00		\$719,433.56
	Sewer Cost				\$790,451.05		\$1,131,411.99		\$1,222,448.00		\$1,026,576.00		\$1,352,666.53

- #1 The extended cost for this item was written in to the bid as \$451,800.
- #2 The extended cost for this item was written in to the bid as \$14,000.
- #3 The subtotal amount written into the bid was \$1,627,127.20. This amount is \$9,999.96 more than the actual extended cost based on the contractor's unit prices bid.
- #4 The total amount written into the bid was \$1,702,127.24. This amount is \$9,000.00 more than the actual extended cost based on the contractor's unit prices bid.

Robert V. Kiser, P.E.
 Robert V. Kiser, P.E., Municipal Engineer