

**A RESOLUTION OF THE TOWNSHIP OF NORTH BRUNSWICK
AUTHORIZING THE AWARD OF CONTRACT BID21003
TO LUCAS BROTHERS, INC.
FOR THE LIVINGSTON AVENUE WATER AND SEWER IMPROVEMENT PROJECT**

WHEREAS, the Township is the owner of the Water Treatment Plant and Distribution System that includes main water lines that run under Livingston Avenue that conveys “potable” water to its customers; and

WHEREAS, in addition, the Township is the owner of the Municipal Sewer Distribution System that includes main sewer lines that run under Livingston Avenue that conveys wastewater to the Middlesex County Utility Authority (MCUA) for treatment and processing; and

WHEREAS, the New Jersey Department of Transportation (NJDOT) owns and maintains Route 26, known as Livingston Avenue in North Brunswick; and

WHEREAS, in 2019 when the NJDOT notified the Township of their plans to mill and pave a section of Livingston Avenue, from Yorke Road to Nassau Street, the Township reviewed the condition of the municipal water and sewer lines under the roadway to make sure any necessary repairs were made prior to the commencement of work; and

WHEREAS, municipal engineering firm CME Associates has been engaged by the Township to review and prepare plans and specifications for necessary water and sewer work to be done by the Township; and

WHEREAS, the Township of North Brunswick filed separate loan applications with the New Jersey Department of Environmental Protection (NJDEP) for Finance Assistance through the New Jersey Infrastructure Bank (NJ I-Bank) Financing Program for the respective Water and Sanitary Sewer portions of the Project; and

WHEREAS, it is anticipated the Township of North Brunswick will receive NJDEP Finance Assistance through the New Jersey Infrastructure Bank (NJ I-Bank) Financing Program for the Sanitary Sewer portion of the Project and the balance for the Water Improvements will be funded from traditional financing under existing Water Capital Ordinances; and

WHEREAS, on March 15, 2021 the Township Council approved Resolution 87-3.21 authorizing advertisement for receipt of bids for the Livingston Avenue Water and Sewer Improvements Project, BID21003; and

WHEREAS, the Municipal Clerk witnessed the receipt of three bids on June 24, 2021 and the lowest qualifying bid was submitted by Lucas Brothers Inc. of Morganville, NJ with a corrected base bid of \$6,425,393.00 for Items 1 through 124; and

WHEREAS, CME Associates, Engineering firm for this project, the Purchasing Agent and Legal Counsel have reviewed the qualifications and bid submitted by Lucas Brothers Inc. and determined them responsive under the provisions of the Local Public Contracts Law (N.J.S.A. 40A:11-1 et seq.) and all other provisions of the revised statutes of the State of New Jersey.

NOW THEREFORE, BE IT RESOLVED, that the bid submitted by Lucas Brothers Inc. is hereby accepted.

BE IT FURTHER RESOLVED, Township Council of the Township of North Brunswick does hereby authorize the Mayor to execute and Township Clerk to witness an agreement with Lucas Brothers Inc. for the Livingston Avenue Water and Sewer Improvements Project, Contract BID21003, in the amount of \$6,425,393.00 for Items 1 through 124, subject to approval under the New Jersey Department of Environmental Protection (NJDEP) for the state funded sewer portion of the project.

CERTIFICATION

I, Cavel Gallimore, Chief Financial Officer of the Township of North Brunswick, certify that funds in the following accounts totaling \$6,425,393.00 are available under Contract BID21003:

\$4,092,729.24 Water:

\$ 538,302.21 are available in Water Capital Ordinance 19-10 account C-06-55-C19-191-101,

\$ 600,000.00 are available in Water Capital Ordinance 19-21 account C-06-55-C20-190-101, and

\$2,954,427.03 are available in Water Capital Ordinance 20-07 account C-06-55-C20-201-101.

\$2,332,663.76 Sewer:

\$ 423,473.90 are available in Sewer Capital Ordinance 19-22 account C-08-55-C20-190-901, and

\$1,909,189.86 are available in Sewer Capital Ordinance 20-08 account C-08-55-C20-200-101.

Cavel Gallimore
Chief Financial Officer

Michael C. Hritz
Director of Community Development

Justine Progebin
Business Administrator

Ronald Gordon, Esq.
Township Attorney
Approved as to legal form

RECORDED VOTE:

COUNCIL MEMBER	YES	NO	ABSTAIN	NOTES
MEHTA				
LOPEZ				
GUADAGNINO				
ANDREWS				
DAVIS				
SOCIO				
MAYOR WOMACK				

I hereby certify that the above Resolution was duly adopted by the Township Council of the Township of North Brunswick, County of Middlesex, at its meeting held on July 13, 2021.

Lisa Russo
Township Clerk

RECEIPT OF BIDS

June 24, 2021

Results from the receipt of bids on Thursday, June 24, 2021, at 11:00 a.m., Municipal Complex, 710 Hermann Road, North Brunswick, NJ.

Present: Justine Progebin, Business Administrator/Purchasing Agent
Michael Hritz, Director Community Development
Scott Kunz, Senior Engineering Aide
James Lambert, CME Associates
Louis Ploskonka, CME Associates
Samantha Sickles, Purchasing Asst.
Nellie Sowell, Clerk 2

Resolution #87-3.21 adopted on March 15, 2021 by the Township Council authorizing receipt of bids and advertised in the Home News & Tribune as according to law.

Ms. Sowell asked for any additional bids.

11:00 a.m. Receipt of bids is closed.

The following receipt of bids were received:

<u>Contract BID21003</u> Livingston Avenue Water and Sewer Improvement Project	<u>Bond</u> 10% Bid Bond Required	<u>Total</u> Items 1-124 inclusive
Lucas Brothers Inc. 80 Amboy Road Morganville, NJ 07751		\$6,425,425.00 \$6,425,393.00 as corrected
Montana Construction 80 Contant Avenue Lodi, NJ 07644		\$8,510,792.00
BlackRock Enterprises 1316 Englishtown Road Old Bridge, NJ 08857		\$11,084,523.01

A report will be presented to the Township Council for possible awards at the next Township Council Meeting.

Lisa Russo
Municipal Clerk

JOHN H. ALLGAIR, PE, PP, LS (1983-2001)
DAVID J. SAMUEL, PE, PP, CME
JOHN J. STEFANI, PE, LS, PP, CME
JAY B. CORNELL, PE, PP, CME
MICHAEL J. McCLELLAND, PE, PP, CME
GREGORY R. VALES, PE, PP, CME



TIM W. GILLEN, PE, PP, CME (1991-2019)
BRUCE M. KOCH, PE, PP, CME
LOUIS J. PLOSKONKA, PE, CME
TREVOR J. TAYLOR, PE, PP, CME
BEHRAM TURAN, PE, LSRP
LAURA J. NEUMANN, PE, PP
DOUGLAS ROHMEYER, PE, CFM, CME
ROBERT J. RUSSO, PE, PP, CME
JOHN J. HESS, PE, PP, CME

July 2, 2021

Ms. Justine Progebin
Business Administrator
Township of North Brunswick
710 Hermann Road
North Brunswick, NJ 08902

**Re: Livingston Avenue Wastewater Collection System
and Water System Rehabilitation
Contract No. BID21003
Township of North Brunswick
Our File No.: PNO00449.01**

Dear Ms. Progebin,

On June 24, 2021 three (3) bids were received for the Livingston Avenue Wastewater Collection System and Water System Rehabilitation Project as indicated on the attached summary of bids.

The apparent low bid was submitted by Lucas Brothers, Inc. of Morganville, New Jersey with a bid of \$6,425,425.00 for items 1 through 124 inclusive, which is \$2,085,367.00 under the price bid by the second lowest bidder. The second lowest bid was submitted by Montana Construction Corp., Inc. of Lodi, New Jersey with a bid of \$8,510,792.00 for items 1 through 124 inclusive.

The apparent low bid submitted by Lucas Brothers, Inc. contained a mathematical error in the summation of the total bid amount. The mathematical error resulted in a decrease of \$32.00 to the total bid amount. We have recalculated the totals accordingly, resulting in a decrease in the total base bid from \$6,425,425.00 to \$6,425,393.00. It should also be noted that Lucas Brothers, Inc. included penny bids for twelve (12) of the one hundred twenty-four (124) bid items.

Regarding the addition errors contained in the apparent low bid, it should be noted that Section B 2.5 in the Instruction to Bidders of the bid documents indicates that in case of a conflict, words will take precedence over numbers, and unit prices shall take precedence over total price extensions, and the sum of individual items, including unit prices multiplied by estimated quantities, and/or individual lump sum and/or allowance amounts will take precedence over the Total Bid or Alternate Bid price.

It is our understanding that the apparent low bid is within the available funding for the Project. Accordingly, should the aforementioned irregularities be deemed curable and should there be no other irregularities in the apparent low bid as determined by the Township Attorney, we recommend award of the Project to Lucas Brothers, Inc. for the total bid amount with the aforementioned addition corrections, which still renders Lucas Brothers, Inc. the apparent low bidder for items 1 through 124 inclusive in the amount of \$6,425,393.00, subject to written



Ms. Justine Progebin
Township of North Brunswick
Re: Livingston Avenue Wastewater Collection System
and Water System Rehabilitation

July 2, 2021
Our File No. PNO00449.01
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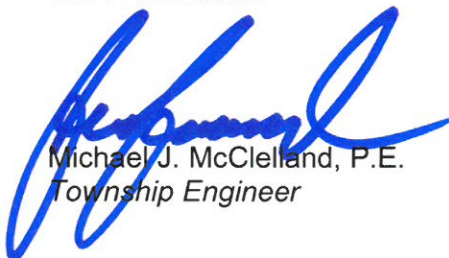
approval from the New Jersey Infrastructure Bank, certification of funds by the Township's Chief Financial Officer, review and approval by the Township Attorney including verification that the bonding and surety company is licensed to do business in the State of New Jersey and appears in the current list of "Surety Companies Acceptable on Federal Bonds", by the U.S. Treasury Department, verification that the Contractor has sealed the bid with their corporate seal where appropriate and the submission of the required performance bonds and insurance certificates for the Project.

Any award of the project should be further subject to the Contractor Lucas Brothers, Inc. submitting a certification indicating that the work required under bid item nos. 11, 12, 19, 65, 80, 81, 82, 83, 84, 91, 93 and 94 will be provided at the prices bid, if and where ordered by the Township.

Original bid packages submitted by the three (3) bidders have been forwarded to the Township Attorney for his review.

Should you have any questions regarding this matter, please do not hesitate to contact this office.

Very truly yours,
CME Associates



Michael J. McClelland, P.E.
Township Engineer

MM/KC/MD/cc
Enclosures

cc: Mayor & Township Council
Justine Progebin, Business Administrator
Lisa Russo, Township Clerk
Scott Kunz, Engineering Project Manager
Ronald Gordon, Esq.

SUMMARY OF BIDS RECEIVED ON JUNE 24, 2021
BY THE GOVERNING BODY OF THE TOWNSHIP OF NORTH BRUNSWICK
FOR THE LIVINGSTON AVE. WASTEWATER COLLECTION SYSTEM & WATER SYSTEM REHABILITATION



NAME:		Lucas Brothers, Inc.		Montana Construction Corp, Inc.		Black Rock Enterprises, LLC		PARLIN, NEW JERSEY		
ADDRESS:		80 Anboy Road		80 Content Avenue		1316 Englishtown Road				
CITY / STATE:		Morganville, NJ 07751		Lodi, NJ 07644		Old Bridge, NJ 08857				
BID GUARANTEE:		YES		YES		YES				
SURETY:		10% NTE \$20,000.00		10% NTE \$20,000.00		10% NTE \$20,000.00				
ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	Environmental Protection Measures	LUMP SUM	\$ 10,000.00	\$ 10,000.00	\$ 100,000.00	\$ 100,000.00	\$ 25,000.00	\$ 25,000.00		
2	Mobilization	LUMP SUM	\$ 175,000.00	\$ 175,000.00	\$ 200,000.00	\$ 200,000.00	\$ 815,000.00	\$ 815,000.00		
3	Breakaway barricade	53 UN	\$ 1.00	\$ 53.00	\$ 1.00	\$ 53.00	\$ 111.00	\$ 5,883.00		
4	Drum	286 UN	\$ 1.00	\$ 286.00	\$ 1.00	\$ 286.00	\$ 55.00	\$ 15,730.00		
5	Traffic cone	286 UN	\$ 1.00	\$ 286.00	\$ 1.00	\$ 286.00	\$ 12.00	\$ 3,432.00		
6	Construction signs	499 SF	\$ 16.00	\$ 7,984.00	\$ 10.00	\$ 4,990.00	\$ 18.00	\$ 8,982.00		
7	Traffic control truck with mounted crash cushion	240 DAY	\$ 106.00	\$ 25,440.00	\$ 100.00	\$ 24,000.00	\$ 200.00	\$ 48,000.00		
8	Two (2) portable variable message signs	240 DAY	\$ 140.00	\$ 33,600.00	\$ 50.00	\$ 12,000.00	\$ 75.00	\$ 18,000.00		
9	Two (2) flashing arrow boards, 4' x 8'	240 DAY	\$ 14.00	\$ 3,360.00	\$ 25.00	\$ 6,000.00	\$ 50.00	\$ 12,000.00		
10	Traffic director, municipal police allowance (\$200,000.00)	ALLOWANCE	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00		
11	Remove existing curb or curb and gutter	853 LF	\$ 0.01	\$ 8.53	\$ 20.00	\$ 17,060.00	\$ 6.00	\$ 5,118.00		
12	Remove existing walks	13,243 SF	\$ 0.01	\$ 132.43	\$ 3.00	\$ 39,729.00	\$ 3.00	\$ 39,729.00		
13	Remove and dispose of existing sanitary sewer manholes	9 UN	\$ 1.00	\$ 9.00	\$ 2,500.00	\$ 22,500.00	\$ 5,000.00	\$ 45,000.00		
14	Clearing Site (L.S. \$100,000.00)	LUMP SUM	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00		
15	Excavation, unclassified	682 CY	\$ 20.00	\$ 13,640.00	\$ 20.00	\$ 13,640.00	\$ 38.00	\$ 25,916.00		
16	Driveway excavation, unclassified	341 CY	\$ 20.00	\$ 6,820.00	\$ 20.00	\$ 6,820.00	\$ 50.00	\$ 17,050.00		
17	Excavation, test pit (Min. unit price bid \$10.00/CY)	500 CY	\$ 250.00	\$ 125,000.00	\$ 10.00	\$ 5,000.00	\$ 200.00	\$ 100,000.00		
18	Disposing of contaminated (hazardous) soil (Allowance: \$100,000.00)	ALLOWANCE	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00		
19	NJDOT No. 57 type stone	500 CY	\$ 0.01	\$ 5.00	\$ 10.00	\$ 5,000.00	\$ 45.00	\$ 22,500.00		
20	2" To 2-1/2" clean stone subbase (Min. unit price bid \$10.00/CY)	100 CY	\$ 10.00	\$ 1,000.00	\$ 10.00	\$ 1,000.00	\$ 10.00	\$ 1,000.00		
21	NJDOT No. 57 stone bedding, 6" thick for sewer main pipe trench (Min. unit price bid \$10.00/CY)	6,795 CY	\$ 10.00	\$ 67,950.00	\$ 10.00	\$ 67,950.00	\$ 40.00	\$ 271,800.00		
22	Dense graded aggregate for sewer main pipe trench (Min. unit price bid \$10.00/CY)	1,914 CY	\$ 10.00	\$ 19,140.00	\$ 40.00	\$ 76,560.00	\$ 40.00	\$ 76,560.00		
23	Composite sand/ash/pozzolan mix for sewer main pipe trench	79 CY	\$ 35.00	\$ 2,765.00	\$ 1.00	\$ 79.00	\$ 250.00	\$ 19,750.00		
24	Reset existing casting	8 UN	\$ 120.00	\$ 960.00	\$ 250.00	\$ 2,000.00	\$ 750.00	\$ 6,000.00		
25	Hot mix asphalt, sidewalk, 6" thick	234 SY	\$ 90.00	\$ 21,060.00	\$ 94.00	\$ 21,996.00	\$ 65.00	\$ 15,210.00		
26	Concrete sidewalk, 4" thick	12,107 SF	\$ 12.00	\$ 145,284.00	\$ 10.00	\$ 121,070.00	\$ 8.50	\$ 102,909.50		
27	Concrete driveways, reinforced, 6" thick	2,814 SF	\$ 12.00	\$ 33,768.00	\$ 12.00	\$ 33,768.00	\$ 10.00	\$ 28,140.00		
28	Concrete driveways, reinforced, 10" thick, commercial	2,076 SF	\$ 14.00	\$ 29,064.00	\$ 15.00	\$ 31,140.00	\$ 12.50	\$ 25,950.00		
29	Hot mix asphalt driveway, 2" thick	36 SY	\$ 100.00	\$ 3,600.00	\$ 35.00	\$ 1,260.00	\$ 45.00	\$ 1,620.00		
30	Hot mix asphalt driveway, 6" thick, commercial	124 SY	\$ 110.00	\$ 13,640.00	\$ 94.00	\$ 11,656.00	\$ 65.00	\$ 8,060.00		
31	Aggregate driveway, 4" thick	4 SY	\$ 80.00	\$ 320.00	\$ 35.00	\$ 140.00	\$ 50.00	\$ 200.00		
32	Detectable warning surface	31 SY	\$ 450.00	\$ 13,950.00	\$ 230.00	\$ 7,130.00	\$ 700.00	\$ 21,700.00		
33	Brick paver sidewalk	460 SF	\$ 14.00	\$ 6,440.00	\$ 30.00	\$ 13,800.00	\$ 18.00	\$ 8,280.00		
34	Concrete pad for bus shelter, reinforced 6" thick	81 SF	\$ 12.00	\$ 972.00	\$ 15.00	\$ 1,215.00	\$ 18.00	\$ 1,458.00		
35	8" x 16" concrete vertical curb	853 LF	\$ 40.00	\$ 34,120.00	\$ 45.00	\$ 38,385.00	\$ 40.00	\$ 34,120.00		
36	8" x 18" concrete vertical curb	644 LF	\$ 40.00	\$ 25,760.00	\$ 50.00	\$ 32,200.00	\$ 45.00	\$ 28,980.00		
37	Regulatory and warning signs	88 SF	\$ 40.00	\$ 3,520.00	\$ 40.00	\$ 3,520.00	\$ 40.00	\$ 3,520.00		
38	Project Sign	1 UN	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,500.00	\$ 2,500.00		
39	Furnish and install bus shelter	1 UN	\$ 61,000.00	\$ 61,000.00	\$ 35,000.00	\$ 35,000.00	\$ 40,000.00	\$ 40,000.00		
40	Abandon existing sanitary sewer pipes and fill with grout	682 LF	\$ 8.20	\$ 5,592.40	\$ 15.00	\$ 10,230.00	\$ 35.00	\$ 23,870.00		
41	8" PVC SDR-35 gravity sanitary sewer, 0' to 6' deep	1,347 LF	\$ 70.00	\$ 94,290.00	\$ 350.00	\$ 471,450.00	\$ 145.00	\$ 195,315.00		
42	8" PVC SDR-35 gravity sanitary sewer, 6' to 8' deep	647 LF	\$ 85.00	\$ 54,995.00	\$ 400.00	\$ 258,800.00	\$ 150.00	\$ 97,050.00		
43	8" PVC SDR-35 gravity sanitary sewer, 8' to 10' deep	212 LF	\$ 100.00	\$ 21,200.00	\$ 400.00	\$ 84,800.00	\$ 175.00	\$ 37,100.00		
44	10" PVC SDR-35 gravity sanitary sewer, 10' to 12' deep	61 LF	\$ 180.00	\$ 10,980.00	\$ 500.00	\$ 30,500.00	\$ 225.00	\$ 13,725.00		
45	Clean and line 10" dia. sanitary sewer main using cured-in-place pipe lining	4,268 LF	\$ 46.00	\$ 196,328.00	\$ 55.00	\$ 234,740.00	\$ 55.00	\$ 234,740.00		
46	Provide labor, equipment, materials and supervision for pre-linear video inspection of sanitary sewers	4,268 LF	\$ 3.75	\$ 16,005.00	\$ 5.00	\$ 21,340.00	\$ 6.00	\$ 25,608.00		
47	Pressure testing and grouting of sanitary sewer joints	100 UN	\$ 140.00	\$ 14,000.00	\$ 10.00	\$ 1,000.00	\$ 50.00	\$ 5,000.00		
48	Manhole rehabilitation - 8' to 10' deep	1 UN	\$ 11,000.00	\$ 11,000.00	\$ 9,000.00	\$ 9,000.00	\$ 9,500.00	\$ 9,500.00		
49	Manhole rehabilitation - 10' to 12' deep	6 UN	\$ 11,000.00	\$ 66,000.00	\$ 5,700.00	\$ 34,200.00	\$ 6,500.00	\$ 39,000.00		
50	Manhole rehabilitation - 12' to 14' deep	2 UN	\$ 11,000.00	\$ 22,000.00	\$ 10,600.00	\$ 21,200.00	\$ 11,000.00	\$ 22,000.00		
51	Manhole rehabilitation - 14' to 16' deep	4 UN	\$ 11,000.00	\$ 44,000.00	\$ 9,700.00	\$ 38,800.00	\$ 10,000.00	\$ 40,000.00		
52	Manhole rehabilitation - 16' to 18' deep	1 UN	\$ 11,000.00	\$ 11,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,500.00	\$ 20,500.00		
53	Temporary Bypass System	LUMP SUM	\$ 72,000.00	\$ 72,000.00	\$ 5,000.00	\$ 5,000.00	\$ 15,000.00	\$ 15,000.00		
54	4' dia. precast concrete sanitary sewer manhole, 0' to 6' deep	4 UN	\$ 21,675.00	\$ 86,700.00	\$ 10,000.00	\$ 40,000.00	\$ 8,500.00	\$ 34,000.00		
55	4' dia. precast concrete sanitary sewer manhole, 6' to 8' deep	3 UN	\$ 24,000.00	\$ 72,000.00	\$ 10,000.00	\$ 30,000.00	\$ 9,500.00	\$ 28,500.00		
56	4' dia. precast concrete sanitary sewer manhole, 8' to 10' deep	1 UN	\$ 25,000.00	\$ 25,000.00	\$ 15,000.00	\$ 15,000.00	\$ 12,000.00	\$ 12,000.00		
57	4' dia. precast concrete sanitary sewer manhole, 10' to 12' deep	2 UN	\$ 25,000.00	\$ 50,000.00	\$ 20,000.00	\$ 40,000.00	\$ 16,500.00	\$ 33,000.00		
58	Reconstruct sanitary sewer manhole	1 UN	\$ 20,000.00	\$ 20,000.00	\$ 2,500.00	\$ 2,500.00	\$ 5,000.00	\$ 5,000.00		
59	8"x4" PVC SDR-35 wye	34 UN	\$ 55.00	\$ 1,870.00	\$ 3,000.00	\$ 102,000.00	\$ 1,000.00	\$ 34,000.00		
60	4" dia. PVC SDR-35 cleanouts	34 UN	\$ 70.00	\$ 2,380.00	\$ 500.00	\$ 17,000.00	\$ 2,000.00	\$ 68,000.00		
61	4" PVC SDR-35 sanitary sewer lateral	359 LF	\$ 110.00	\$ 39,490.00	\$ 1.00	\$ 359.00	\$ 100.00	\$ 35,900.00		
62	4" dia. PVC SDR-35 sloped sanitary sewer riser connection	352 LF	\$ 2.40	\$ 844.80	\$ 1.00	\$ 352.00	\$ 150.00	\$ 52,800.00		
63	Connect to existing sanitary sewer main	14 UN	\$ 1,900.00	\$ 26,600.00	\$ 1,000.00	\$ 14,000.00	\$ 6,500.00	\$ 91,000.00		
64	Cleaning of sewers	4,268 LF	\$ 2.70	\$ 11,523.60	\$ 5.00	\$ 21,340.00	\$ 5.75	\$ 24,541.00		
65	Mechanical cleaning of sewers	300 LF	\$ 0.01	\$ 3.00	\$ 5.00	\$ 1,500.00	\$ 12.00	\$ 3,600.00		
66	Testing, gravity sanitary sewer	2,265 LF	\$ 2.20	\$ 4,983.00	\$ 3.00	\$ 6,795.00	\$ 6.50	\$ 14,722.50		
67	Reinforced concrete steps, Class B	3 CY	\$ 2,100.00	\$ 6,300.00	\$ 1,750.00	\$ 5,250.00	\$ 500.00	\$ 1,500.00		
68	Topsailing, 4" thick	3,695 SY	\$ 7.00	\$ 25,865.00	\$ 10.00	\$ 36,950.00	\$ 8.00	\$ 29,560.00		
69	Fertilizing	3,695 SY	\$ 0.60	\$ 2,217.00	\$ 1.00	\$ 3,695.00	\$ 2.00	\$ 7,390.00		
70	Sodding	3,695 SY	\$ 8.00	\$ 29,560.00	\$ 5.00	\$ 18,475.00	\$ 10.00	\$ 36,950.00		
NON-FUNDED ITEMS										
71	Traffic stripes, latex, 8"	100 LF	\$ 2.30	\$ 230.00	\$ 2.00	\$ 200.00	\$ 2.50	\$ 250.00		
72	Traffic marking lines, 4"	6,500 LF	\$ 0.75	\$ 4,875.00	\$ 1.00	\$ 6,500.00	\$ 0.75	\$ 4,875.00		
73	Fuel price adjustment (\$20,000.00)	DOLLARS	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00		
74	Asphalt price adjustment (\$35,000.00)	DOLLARS	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00		
75	Remove existing fire hydrant, run-out, and valve, salvage hydrant to owner	19 UN	\$ 10.00	\$ 190.00	\$ 1,500.00	\$ 28,500.00	\$ 2,000.00	\$ 38,000.00		
76	Remove existing reinforced concrete pavement slab	13,740 SY	\$ 1.50	\$ 20,610.00	\$ 1.00	\$ 13,740.00	\$ 35.00	\$ 480,900.00		
77	Dense graded aggregate base course (Min. unit price bid \$10.00/CY)	107 CY	\$ 10.00	\$ 1,070.00	\$ 60.00	\$ 6,420.00	\$ 45.00	\$ 4,815.00		
78	HMA milling, 3" or less	5,555 SY	\$ 6.00	\$ 33,330.00	\$ 10.00	\$ 55,550.00	\$ 6.00	\$ 33,330.00		
79	Hot mix asphalt 9.5M64 surface and leveler course	221 TON	\$ 105.00	\$ 23,205.00	\$ 220.00	\$ 48,620.00	\$ 95.00	\$ 20,995.00		
80	Hot mix asphalt 19M64 base course	5,264 TON	\$ 0.01	\$ 52.64	\$ 75.00	\$ 394,800.00	\$ 85.00	\$ 447,440.00		
81	Temporary pavement 19M64 base course, 2" thick	800 TON	\$ 0.01	\$ 8.00	\$ 1.00	\$ 800.00	\$ 87.00	\$ 69,600.00		
82	Tack Coat	230 GAL	\$ 0.01	\$ 2.30	\$ 6.00	\$ 1,380.00	\$ 5.00	\$ 1,150.00		
83	Prime Coat	101 GAL	\$ 0.01	\$ 1.01	\$ 6.00	\$ 606.00	\$ 0.01	\$ 1.01		
84	Polymerized joint adhesive	16,780 LF	\$ 0.01	\$ 167.80	\$ 1.00	\$ 16,780.00	\$ 1.00	\$ 16,780.00		
85	15" dia. Reinforced concrete pipe (RCP), class v storm sewer with watertight gaskets	170 LF	\$ 65.00	\$ 11,050.00	\$ 175.00	\$ 29,750.00	\$ 150.00	\$ 25,500.00		
86	14"x23" Elliptical reinforced concrete pipe (ERCP), class v storm sewer with flexible watertight gaskets	30 LF	\$ 125.00	\$ 3,750.00	\$ 240.00	\$ 7,200.00	\$ 350.00	\$ 10,500.00		
87	Dense graded aggregate for water main pipe trench (Min. unit price bid \$10.00/CY)	7,163 CY	\$ 10.00	\$ 71,630.00	\$ 10.00	\$ 71,630.00	\$ 40.00	\$ 286,520.00		
88	Composite sand/ash/pozzolan mix for water main pipe trench	792 CY	\$ 35.00	\$ 27,720.00	\$ 1.00	\$ 792.00	\$ 250.00	\$ 198,000.00		
89	Convert inlet to type E	2 UN	\$ 3,000.00	\$ 6,000.00	\$ 2,500.00	\$ 5,000.00	\$ 2,500.00	\$ 5,000.00		
90	Roadway trench repair	7,073 SY	\$ 66.00	\$ 466,818.00	\$ 5.00	\$ 35,365.00	\$ 75.00	\$ 530,475.00		
91	Temporary trench repair	7,073 SY	\$ 0.01	\$ 70.73	\$ 1.00	\$ 7,073.00	\$ 30.00	\$ 212,190.00		
92	Impervious trench stops	76 UN	\$ 1.00	\$ 76.00	\$ 1.00	\$ 76.00	\$ 1.00	\$ 76.00		
93	Remove existing water distribution piping	3,515 LF	\$ 0.01	\$ 35.15	\$ 10.00	\$ 35,150.00	\$ 1.00	\$ 3,515.00		
94	Abandon existing water distribution piping and fill with grout (if and where ordered)	10,093 LF	\$ 0.01	\$ 100.93	\$ 15.00	\$ 151,395.00	\$ 5.00	\$ 50,465.00		
95	Reset									