



10:34 am  
SS

**LUCAS BROTHERS, INC.**  
80 AMBOY ROAD  
MORGANVILLE, NEW JERSEY 07751  
(732) 536-6663

Township of North Brunswick  
710 Hermin Road  
North Brunswick, NJ  
Bid: Livingston Ave Wastewater Collection System and water  
System Rehabilitation  
6/24/21 11:00 AM



LIVINGSTON AVENUE WASTEWATER COLLECTION SYSTEM AND  
 WATER SYSTEM REHABILITATION  
 TOWNSHIP OF NORTH BRUNSWICK

C-30

C4. THE BIDDER WILL SATISFACTORILY COMPLETE THE WORK ON THIS CONTRACT FOR THE FOLLOWING PRICES

ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
<b>NEW JERSEY INFRASTRUCTURE BANK FUNDED ITEMS</b>						
1	Environmental Protection Measures	LUMP SUM	\$	10,000. <sup>00</sup>	\$	10,000. <sup>00</sup>
2	Mobilization in accordance with N.J.A.C. 7:14-2.9	LUMP SUM	\$	175,000. <sup>00</sup>	\$	175,000. <sup>00</sup>
3	Breakaway barricade (If and where ordered)	53 UN	\$	1. <sup>00</sup>	\$	53. <sup>00</sup>
4	Drum (If and where ordered)	286 UN	\$	1. <sup>00</sup>	\$	286. <sup>00</sup>
5	Traffic cone (If and where ordered)	286 UN	\$	1. <sup>00</sup>	\$	286. <sup>00</sup>
6	Construction signs (If and where ordered)	499 SF	\$	16. <sup>00</sup>	\$	7,984. <sup>00</sup>
7	Traffic control truck with mounted crash cushion	240 DAY	\$	106. <sup>00</sup>	\$	25,440. <sup>00</sup>
8	Two (2) portable variable message signs (If and where ordered)	240 DAY	\$	140. <sup>00</sup>	\$	33,600. <sup>00</sup>
9	Two (2) flashing arrow boards, 4' x 8' (If and where ordered)	240 DAY	\$	14. <sup>00</sup>	\$	3,360. <sup>00</sup>
10	Traffic director, municipal police allowance (If and where ordered)	ALLOWANCE	\$200,000.00		\$200,000.00	
11	Remove existing curb or curb and gutter (including sawcutting) (If and where ordered)	853 LF	\$	0.01	\$	8.53
12	Remove existing walks (If and where ordered)	13,243 SF	\$	0.01	\$	132.43
13	Remove and dispose of existing sanitary sewer manholes	9 UN	\$	1. <sup>00</sup>	\$	9. <sup>00</sup>
14	Clearing Site	LUMP SUM	\$100,000.00		\$100,000.00	

LIVINGSTON AVENUE WASTEWATER COLLECTION SYSTEM AND  
 WATER SYSTEM REHABILITATION  
 TOWNSHIP OF NORTH BRUNSWICK

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C4. THE BIDDER WILL SATISFACTORILY COMPLETE THE WORK ON THIS CONTRACT FOR THE FOLLOWING PRICES

ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
<b>NEW JERSEY INFRASTRUCTURE BANK FUNDED ITEMS</b>						
15	Excavation, unclassified (If and where ordered)	682 CY	\$	20. <sup>00</sup>	\$	13,640. <sup>00</sup>
16	Driveway excavation, unclassified (If and where ordered)	341 CY	\$	20. <sup>00</sup>	\$	6,820. <sup>00</sup>
17	Excavation, test pit (Min. \$10.00/CY) (If and where ordered)	500 CY	\$	250. <sup>00</sup>	\$	125,000. <sup>00</sup>
18	Disposing of contaminated (hazardous) soil (If and where ordered)	ALLOWANCE	\$100,000.00		\$100,000.00	
19	NJDOT No. 57 type stone (If and where ordered)	500 CY	\$	0.01	\$	5. <sup>00</sup>
20	2" To 2-1/2" clean stone subbase (Minimum unit price bid \$10.00/CY) (If and where ordered)	100 CY	\$	10. <sup>00</sup>	\$	1,000. <sup>00</sup>
21	NJDOT No. 57 stone bedding, 6" thick for sewer main pipe trench (Minimum unit price bid \$10.00/CY) (If and where ordered)	6,795 CY	\$	10. <sup>00</sup>	\$	67,950. <sup>00</sup>
22	Dense graded aggregate for sewer main pipe trench (Minimum unit price bid \$10.00/CY) (If and where ordered)	1,914 CY	\$	10. <sup>00</sup>	\$	19,140. <sup>00</sup>
23	Composite sand/ash/pozzolan mix for sewer main pipe trench (If and where ordered)	79 CY	\$	35. <sup>00</sup>	\$	2,765. <sup>00</sup>
24	Reset existing casting	8 UN	\$	120. <sup>00</sup>	\$	960. <sup>00</sup>
25	Hot mix asphalt, sidewalk, 6" thick	234 SY	\$	90. <sup>00</sup>	\$	21,060. <sup>00</sup>
26	Concrete sidewalk, 4" thick (including bedding) (If and where ordered)	12,107 SF	\$	12. <sup>00</sup>	\$	145,284. <sup>00</sup>
27	Concrete driveways, reinforced, 6" thick	2,814 SF	\$	12. <sup>00</sup>	\$	33,768. <sup>00</sup>



LIVINGSTON AVENUE WASTEWATER COLLECTION SYSTEM AND  
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C4. THE BIDDER WILL SATISFACTORILY COMPLETE THE WORK ON THIS CONTRACT FOR THE FOLLOWING PRICES

ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
<b>NEW JERSEY INFRASTRUCTURE BANK FUNDED ITEMS</b>						
28	Concrete driveways, reinforced, 10" thick, commercial	2,076 SF	\$	14. <sup>00</sup>	\$	29,064. <sup>00</sup>
29	Hot mix asphalt driveway, 2" thick	36 SY	\$	100. <sup>00</sup>	\$	3,600. <sup>00</sup>
30	Hot mix asphalt driveway, 6" thick, commercial	124 SY	\$	110. <sup>00</sup>	\$	13,640. <sup>00</sup>
31	Aggregate driveway, 4" thick	4 SY	\$	80. <sup>00</sup>	\$	320. <sup>00</sup>
32	Detectable warning surface	31 SY	\$	450. <sup>00</sup>	\$	13,950. <sup>00</sup>
33	Brick paver sidewalk	460 SF	\$	14. <sup>00</sup>	\$	6,440. <sup>00</sup>
34	Concrete pad for bus shelter, reinforced 6" thick (including bedding)	81 SF	\$	12. <sup>00</sup>	\$	972. <sup>00</sup>
35	8" x 16" concrete vertical curb (If and where ordered)	853 LF	\$	40. <sup>00</sup>	\$	34,120. <sup>00</sup>
36	8" x 18" concrete vertical curb (If and where ordered)	644 LF	\$	40. <sup>00</sup>	\$	25,760. <sup>00</sup>
37	Regulatory and warning signs	88 SF	\$	40. <sup>00</sup>	\$	3,520. <sup>00</sup>
38	Project Sign (If and where ordered)	1 UN	\$	2,000. <sup>00</sup>	\$	2,000. <sup>00</sup>
39	Furnish and install bus shelter	1 UN	\$	61,000. <sup>00</sup>	\$	61,000. <sup>00</sup>
40	Abandon existing sanitary sewer pipes and fill with grout and where ordered)	682 LF (If	\$	8.20	\$	5,592.40



LIVINGSTON AVENUE WASTEWATER COLLECTION SYSTEM AND  
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C4. THE BIDDER WILL SATISFACTORILY COMPLETE THE WORK ON THIS CONTRACT FOR THE FOLLOWING PRICES

ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
<b>NEW JERSEY INFRASTRUCTURE BANK FUNDED ITEMS</b>						
41	8" PVC SDR-35 gravity sanitary sewer, 0' to 6' deep including excavation, NJDOT No. 57 stone backfill around and to 1" over the top of the pipe, bypass pumping where required, fittings, geotextile filter fabric, cleaning, flushing, connection to existing gravity sanitary sewer, dewatering and sheeting where required, video inspection, backfilling and all associated work in accordance with the Contract Documents	1,347 LF	\$	70. <sup>00</sup>	\$	94,240. <sup>00</sup>
42	8" PVC SDR-35 gravity sanitary sewer, 6' to 8' deep including excavation, NJDOT No. 57 stone backfill around and to 1" over the top of the pipe, bypass pumping where required, fittings, geotextile filter fabric, cleaning, flushing, connection to existing gravity sanitary sewer, dewatering and sheeting where required, video inspection, backfilling and all associated work in accordance with the Contract Documents	647 LF	\$	85. <sup>00</sup>	\$	54,995. <sup>00</sup>
43	8" PVC SDR-35 gravity sanitary sewer, 8' to 10' deep including excavation, NJDOT No. 57 stone backfill around and to 1" over the top of the pipe, bypass pumping where required, fittings, geotextile filter fabric, cleaning, flushing, connection to existing gravity sanitary sewer, dewatering and sheeting where required, video inspection, backfilling and all associated work in accordance with the Contract Documents	212 LF	\$	100. <sup>00</sup>	\$	21,200. <sup>00</sup>
44	10" PVC SDR-35 gravity sanitary sewer, 10' to 12' deep including excavation, NJDOT No. 57 stone backfill around and to 1" over the top of the pipe, bypass pumping where required, fittings, geotextile filter fabric, cleaning, flushing, connection to existing gravity sanitary sewer, dewatering and sheeting where required, video inspection, backfilling and all associated work in accordance with the Contract Documents	61 LF	\$	180. <sup>00</sup>	\$	10,980. <sup>00</sup>

LIVINGSTON AVENUE WASTEWATER COLLECTION SYSTEM AND  
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C4. THE BIDDER WILL SATISFACTORILY COMPLETE THE WORK ON THIS CONTRACT FOR THE FOLLOWING PRICES

ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
<b>NEW JERSEY INFRASTRUCTURE BANK FUNDED ITEMS</b>						
45	Clean and line 10" dia. sanitary sewer main using cured-in-place pipe lining including all labor, included but not limited to; traffic control; cured in place pipe liner as measured along the center line of the installed pipe liner; removal of protruding laterals; making connections to existing manholes; hydrophilic seals at manhole liner terminations; reinstatement of house services; testing of liner samples; post liner CCTV inspection; clean up and restoration; and all else necessary and incidental, in accordance with the Contract Documents	4,268 LF	\$	46. <sup>00</sup>	\$	196,328. <sup>00</sup>
46	Provide labor, equipment, materials and supervision for pre-liner video inspection of sanitary sewers including but not limited to: traffic control; summary reports, including DVDs and inspection logs; clean up and restoration; and all else necessary and incidental, in accordance with the Contract Documents or as directed by the Engineer	4,268 LF	\$	3.75	\$	16,005. <sup>00</sup>
47	Pressure testing and grouting of sanitary sewer joints including but not limited to; furnishing equipment, labor and material; traffic control; pressure testing; grout; pressure injection of grout; pressure testing and grouting all leaking joints and pipe defects prior to installation of CIPP clean up and restoration; and all else necessary and incidental, in accordance with the Contract Documents or as directed by the Engineer. (If and where ordered)	100 UN	\$	140. <sup>00</sup>	\$	14,000. <sup>00</sup>
48	Manhole rehabilitation - 8' to 10' deep	1 UN	\$	11,000. <sup>00</sup>	\$	11,000. <sup>00</sup>
49	Manhole rehabilitation - 10' to 12' deep	6 UN	\$	11,000. <sup>00</sup>	\$	66,000. <sup>00</sup>
50	Manhole rehabilitation - 12' to 14' deep	2 UN	\$	11,000. <sup>00</sup>	\$	22,000. <sup>00</sup>

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LIVINGSTON AVENUE WASTEWATER COLLECTION SYSTEM AND  
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 TOWNSHIP OF NORTH BRUNSWICK

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C4. THE BIDDER WILL SATISFACTORILY COMPLETE THE WORK ON THIS CONTRACT FOR THE FOLLOWING PRICES

ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
<b>NEW JERSEY INFRASTRUCTURE BANK FUNDED ITEMS</b>						
51	Manhole rehabilitation - 14' to 16' deep	4 UN	\$ 11,000.	<sup>00</sup>	\$ 44,000.	<sup>00</sup>
52	Manhole rehabilitation - 16' to 18' deep	1 UN	\$ 11,000.	<sup>00</sup>	\$ 11,000.	<sup>00</sup>
53	Temporary Bypass System - including but not limited to; labor, equipment, materials and supervision for Temporary Bypassing of sanitary sewage flow for cured-in-place pipe installation; traffic control; set up, disassembly, and relocation; pumps, standby equipment, piping, plugs, fuel, clean up and restoration; and all else necessary and incidental, in accordance with the Contract Documents	LUMP SUM	<del>\$ 72,000.</del>	<sup>00</sup>	\$ 72,000.	<sup>00</sup>
54	4' dia. precast concrete sanitary sewer manhole, 0' to 6' deep including excavation, 6" of NJDOT No. 57 stone bedding, concrete mat, casting and cover, ladder rungs, flexible mechanical connections, dewatering and sheeting where required, backfilling and all associated work in accordance with the Contract Documents	4 UN	\$ 21,675.	<sup>00</sup>	\$ 86,700.	<sup>00</sup>
55	4' dia. precast concrete sanitary sewer manhole, 6' to 8' deep including excavation, 6" of NJDOT No. 57 stone bedding, concrete mat, casting and cover, ladder rungs, flexible mechanical connections, dewatering and sheeting where required, backfilling and all associated work in accordance with the Contract Documents	3 UN	\$ 24,000.	<sup>00</sup>	\$ 72,000.	<sup>00</sup>
56	4' dia. precast concrete sanitary sewer manhole, 8' to 10' deep including excavation, 6" of NJDOT No. 57 stone bedding, concrete mat, casting and cover, ladder rungs, flexible mechanical connections, dewatering and sheeting where required, backfilling and all associated work in accordance with the Contract Documents	1 UN	\$ 25,000.	<sup>00</sup>	\$ 25,000.	<sup>00</sup>

LIVINGSTON AVENUE WASTEWATER COLLECTION SYSTEM AND  
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 TOWNSHIP OF NORTH BRUNSWICK

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C4. THE BIDDER WILL SATISFACTORILY COMPLETE THE WORK ON THIS CONTRACT FOR THE FOLLOWING PRICES

ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
<b>NEW JERSEY INFRASTRUCTURE BANK FUNDED ITEMS</b>						
57	4' dia. precast concrete sanitary sewer manhole, 10' to 12' deep including excavation, 6" of NJDOT No. 57 stone bedding, concrete mat, casting and cover, ladder rungs, flexible mechanical connections, dewatering and sheeting where required, backfilling and all associated work in accordance with the Contract Documents	2 UN	\$	25,000. <sup>00</sup>	\$	50,000. <sup>00</sup>
58	Reconstruct sanitary sewer manhole	1 UN	\$	20,000. <sup>00</sup>	\$	20,000. <sup>00</sup>
59	8"x4" PVC SDR-35 wye (If and where ordered)	34 UN	\$	55. <sup>00</sup>	\$	1,870. <sup>00</sup>
60	4" dia. PVC SDR-35 cleanouts, including concrete marker, brass cap, PVC SDR-35 pipe, wye and connection to existing lateral (If and where ordered)	34 UN	\$	70. <sup>00</sup>	\$	2,380. <sup>00</sup>
61	4" PVC SDR-35 sanitary sewer lateral including 45° bend, excavation, backfill, NJDOT type 57 stone bedding, and all associated work in accordance with the Contract Documents (If and where ordered)	359 LF	\$	110. <sup>00</sup>	\$	39,490. <sup>00</sup>
62	4" dia. PVC SDR-35 sloped sanitary sewer riser connection (If and where ordered)	352 LF	\$	2.40	\$	844.80
63	Connect to existing sanitary sewer main including transition coupling and concrete encasement (If and where ordered)	14 UN	\$	1,900. <sup>00</sup>	\$	26,600. <sup>00</sup>
64	Cleaning of sewers	4,268 LF	\$	2.70	\$	11,523.60
65	Mechanical cleaning of sewers (If and where ordered)	300 LF	\$	0.01	\$	3. <sup>00</sup>
66	Testing, gravity sanitary sewer	2,265 LF	\$	2.20	\$	4,983. <sup>00</sup>



LIVINGSTON AVENUE WASTEWATER COLLECTION SYSTEM AND  
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 TOWNSHIP OF NORTH BRUNSWICK

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C4. THE BIDDER WILL SATISFACTORILY COMPLETE THE WORK ON THIS CONTRACT FOR THE FOLLOWING PRICES

ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
<b>NEW JERSEY INFRASTRUCTURE BANK FUNDED ITEMS</b>						
67	Reinforced concrete steps, Class B (If and where ordered)	3 CY	\$	2,100. <sup>00</sup>	\$	6,300. <sup>00</sup>
68	Topsoiling, 4" thick, including fine grading (If and where ordered)	3,695 SY	\$	7. <sup>00</sup>	\$	25,865. <sup>00</sup>
69	Fertilizing (If and where ordered)	3,695 SY	\$	0.60	\$	2,217. <sup>00</sup>
70	Sodding (If and where ordered)	3,695 SY	\$	8. <sup>00</sup>	\$	29,560. <sup>00</sup>

LIVINGSTON AVENUE WASTEWATER COLLECTION SYSTEM AND  
 WATER SYSTEM REHABILITATION  
 TOWNSHIP OF NORTH BRUNSWICK

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C4. THE BIDDER WILL SATISFACTORILY COMPLETE THE WORK ON THIS CONTRACT FOR THE FOLLOWING PRICES

ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
NON-FUNDED ITEMS						
71	Traffic stripes, latex, 8" (If and where ordered)	100 LF	5	2.30	\$	230. <sup>00</sup>
72	Traffic marking lines, 4" (If and where ordered)	6,500 LF	\$	0.75	\$	4,875. <sup>00</sup>
73	Fuel price adjustment (if and where ordered)	DOLLARS		\$20,000.00		\$20,000.00
74	Asphalt price adjustment (If and where ordered)	DOLLARS		\$35,000.00		\$35,000.00
75	Remove existing fire hydrant, run-out, and valve, salvage hydrant to owner (If and where ordered)	19 UN	\$	10. <sup>00</sup>	\$	190. <sup>00</sup>
76	Remove existing reinforced concrete pavement slab (If and where ordered)	13,740 SY	\$	1.50	\$	20,610. <sup>00</sup>
77	Dense graded aggregate base course (Minimum unit price bid \$10.00/CY) (If and where ordered)	107 CY	\$	10. <sup>00</sup>	\$	1,070. <sup>00</sup>
78	HMA milling, 3" or less (If and where ordered)	5,555 SY	\$	6. <sup>00</sup>	\$	33,330. <sup>00</sup>
79	Hot mix asphalt 9.5M64 surface and leveler course (If and where ordered)	221 TON	\$	105. <sup>00</sup>	\$	23,205. <sup>00</sup>
80	Hot mix asphalt 19M64 base course (If and where ordered)	5,264 TON	\$	0.01	\$	52.64



LIVINGSTON AVENUE WASTEWATER COLLECTION SYSTEM AND  
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 TOWNSHIP OF NORTH BRUNSWICK

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C4. THE BIDDER WILL SATISFACTORILY COMPLETE THE WORK ON THIS CONTRACT FOR THE FOLLOWING PRICES

ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
<b>NON-FUNDED ITEMS</b>						
81	Temporary pavement 19M64 base course, 2" thick (If and where ordered)	800 TON	\$	0.01	\$	8. <sup>00</sup>
82	Tack Coat	230 GAL	\$	0.01	\$	2.30
83	Prime Coat	101 GAL	\$	0.01	\$	1.01
84	Polymerized joint adhesive	16,780 LF	\$	0.01	\$	167.80
85	15" dia. Reinforced concrete pipe (RCP), class v storm sewer (with watertight gaskets, including excavation and backfill, type 57 stone bedding, type 57 stone backfill to the springline of the pipe, filter fabric and all associated work in accordance with the Contract Documents (If and where ordered)	170 LF	\$	65. <sup>00</sup>	\$	11,050. <sup>00</sup>
86	14"x23" Elliptical reinforced concrete pipe (ERCP), class v storm sewer with flexible watertight gaskets, including excavation and backfill, type 57 stone bedding, type 57 stone backfill to the spring line of the pipe, filter fabric and all associated work in accordance with the Contract Documents (If and where ordered)	30 LF	\$	125. <sup>00</sup>	\$	3,750. <sup>00</sup>
87	Dense graded aggregate for water main pipe trench (Minimum unit price bid \$10.00/CY) (If and where ordered)	7,163 CY	\$	10. <sup>00</sup>	\$	71,630. <sup>00</sup>

LIVINGSTON AVENUE WASTEWATER COLLECTION SYSTEM AND  
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 TOWNSHIP OF NORTH BRUNSWICK

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C4 THE BIDDER WILL SATISFACTORILY COMPLETE THE WORK ON THIS CONTRACT FOR THE FOLLOWING PRICES

ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
<b>NON-FUNDED ITEMS</b>						
88	Composite sand/ash/pozzolan mix for water main pipe trench (If and where ordered)	792 CY	\$	35. <sup>00</sup>	\$	27,720. <sup>00</sup>
89	Convert inlet to type E	2 UN	\$	3,000. <sup>00</sup>	\$	6,000. <sup>00</sup>
90	Roadway trench repair (If and where ordered)	7,073 SY	\$	66. <sup>00</sup>	\$	466,818. <sup>00</sup>
91	Temporary trench repair (If and where ordered)	7,073 SY	\$	0.01	\$	70.73
92	Impervious trench stops (If and where ordered)	76 UN	\$	1. <sup>00</sup>	\$	76. <sup>00</sup>
93	Remove existing water distribution piping including excavation appurtenances, all pipe, fittings and all associated work as required by the Contract Documents (If and where ordered)	3,515 LF	\$	0.01	\$	35.15
94	Abandon existing water distribution piping and fill with grout (If and where ordered)	10,093 LF	\$	0.01	\$	100.93
95	Reset water valve box to grade (If and where ordered)	5 UN	\$	400. <sup>00</sup>	\$	2,000. <sup>00</sup>
96	Furnish and install 4" dia. cement lined D.I.P. Class 52 water main (minimum 4'-0" below grade) including excavation, backfill, NJDOT No. 57 stone bedding to the springline of the pipe, geotextile filter fabric, fittings, thrust blocks, restraining rods and collars, appurtenances and all associated work in accordance with the Contract Documents	6 LF	\$	175. <sup>00</sup>	\$	1,050. <sup>00</sup>



LIVINGSTON AVENUE WASTEWATER COLLECTION SYSTEM AND  
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C4. THE BIDDER WILL SATISFACTORILY COMPLETE THE WORK ON THIS CONTRACT FOR THE FOLLOWING PRICES

ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
<b>NON-FUNDED ITEMS</b>						
97	Furnish and install 6" dia. cement lined D.I.P. Class 52 water main (minimum 4'-0" below grade) including excavation, backfill, NJDOT No. 57 stone bedding to the springline of the pipe, geotextile filter fabric, fittings, thrust blocks, restraining rods and collars, appurtenances and all associated work in accordance with the Contract Documents	72 LF	5	125. <sup>00</sup>	\$	9,000. <sup>00</sup>
98	Furnish and install 8" dia. cement lined D.I.P. Class 52 water main (minimum 4'-0" below grade) including excavation, backfill, NJDOT No. 57 stone bedding to the springline of the pipe, geotextile filter fabric, fittings, thrust blocks, restraining rods and collars, appurtenances and all associated work in accordance with the Contract Documents	1,161 LF	\$	80. <sup>00</sup>	\$	92,880. <sup>00</sup>
99	Furnish and install 10" dia. cement lined D.I.P. Class 52 water main (minimum 4'-0" below grade) including excavation, backfill, NJDOT No. 57 stone bedding to the springline of the pipe, geotextile filter fabric, fittings, thrust blocks, restraining rods and collars, appurtenances and all associated work in accordance with the Contract Documents	6 LF	\$	220. <sup>00</sup>	\$	1,320. <sup>00</sup>
100	Furnish and install 12" dia. cement lined D.I.P. Class 52 water main (minimum 4'-0" below grade) including excavation, backfill, NJDOT No. 57 stone bedding to the springline of the pipe, geotextile filter fabric, fittings, thrust blocks, restraining rods and collars, appurtenances and all associated work in accordance with the Contract Documents	15 LF	\$	165. <sup>00</sup>	\$	2,475. <sup>00</sup>

LIVINGSTON AVENUE WASTEWATER COLLECTION SYSTEM AND  
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C4. THE BIDDER WILL SATISFACTORILY COMPLETE THE WORK ON THIS CONTRACT FOR THE FOLLOWING PRICES

ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
<b>NON-FUNDED ITEMS</b>						
101	Furnish and install 16" dia. cement lined D.I.P. Class 52 water main (minimum 4'-0" below grade) including excavation, backfill, NJDOT No. 57 stone bedding to the springline of the pipe, geotextile filter fabric, fittings, thrust blocks, restraining rods and collars, appurtenances and all associated work in accordance with the Contract Documents	6,521 LF	\$ 138.	<sup>00</sup>	\$ 899,898.	<sup>00</sup>
102	Furnish and install 8" dia. cement lined D.I.P. Class 52 water main with M.J. type joints, including excavation, backfill, NJDOT No. 57 stone bedding to the springline of the pipe, geotextile filter fabric, fittings, thrust blocks, restraining rods and collars, appurtenances and all associated work in accordance with the Contract Documents (If and where ordered)	176 LF	\$ 120.	<sup>00</sup>	\$ 21,120.	<sup>00</sup>
103	Remove existing water service connections including service line, curb box, corporation and all associated work in accordance with the Contract Documents (If and where ordered)	98 UN	\$ 1.	<sup>00</sup>	\$ 98.	<sup>00</sup>
104	Furnish and install 1" water service including corporation stop, curb box, curb stop, adapters, fittings, pavement removal, excavation, backfill & restoration (If and where ordered)	98 UN	\$ 1,800.	<sup>00</sup>	\$ 176,400.	<sup>00</sup>
105	Furnish and install 1-1/2" water service including corporation stop, curb box, curb stop, adapters, fittings, pavement removal, excavation, backfill & restoration (If and where ordered)	4 UN	\$ 2,600.	<sup>00</sup>	\$ 10,400.	<sup>00</sup>



LIVINGSTON AVENUE WASTEWATER COLLECTION SYSTEM AND  
 WATER SYSTEM REHABILITATION  
 TOWNSHIP OF NORTH BRUNSWICK

C-43

C4. THE BIDDER WILL SATISFACTORILY COMPLETE THE WORK ON THIS CONTRACT FOR THE FOLLOWING PRICES

ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
<b>NON-FUNDED ITEMS</b>						
106	Furnish and install 2" water service including corporation stop, curb box, curb stop, adapters, fittings, pavement removal, excavation, backfill & restoration (If and where ordered)	4 UN	\$	3,000. <sup>00</sup>	\$	12,000. <sup>00</sup>
107	Furnish and install 1" type K copper pipe water service and connection to proposed water main (If and where ordered)	3,239 LF	\$	9.50	\$	30,770.50
108	Furnish and install 1-1/2" type K copper pipe water service and connection to proposed water main (If and where ordered)	200 LF	\$	18. <sup>00</sup>	\$	3,600. <sup>00</sup>
109	Furnish and install 2" type K copper pipe water service and connection to proposed water main (If and where ordered)	200 LF	\$	28. <sup>00</sup>	\$	5,600. <sup>00</sup>
110	Furnish and install fire hydrant assembly including tee, 6" isolation gate valve and valve box, 6" CLDIP Class 52 water main, restraint rodding, thrust blocks, clean 1-1/2" crushed stone, granular backfill, and all other associated work in accordance with the Contract Documents (If and where ordered)	20 UN	\$	8,500. <sup>00</sup>	\$	170,000. <sup>00</sup>
111	Furnish and install 6" buried M.J. gate valve and valve box within a proposed water main, including fittings, spool pieces, excavation, backfill, appurtenances, and all other associated work in accordance with the Contract Documents	3 UN	\$	2,300. <sup>00</sup>	\$	6,900. <sup>00</sup>

LIVINGSTON AVENUE WASTEWATER COLLECTION SYSTEM AND  
 WATER SYSTEM REHABILITATION  
 TOWNSHIP OF NORTH BRUNSWICK

C-44

C4. THE BIDDER WILL SATISFACTORILY COMPLETE THE WORK ON THIS CONTRACT FOR THE FOLLOWING PRICES

ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
<b>NON-FUNDED ITEMS</b>						
112	Furnish and install 8" buried M.J. gate valve and valve box within a proposed water main, including fittings, spool pieces, excavation, backfill, appurtenances, and all other associated work in accordance with the Contract Documents	52 UN	\$	2,900. <sup>00</sup>	\$	150,800. <sup>00</sup>
113	Furnish and install 12" buried M.J. gate valve and valve box within a proposed water main, including fittings, spool pieces, excavation, backfill, appurtenances, and all other associated work in accordance with the Contract Documents	2 UN	\$	5,500. <sup>00</sup>	\$	11,000. <sup>00</sup>
114	Furnish and install 16" buried M.J. gate valve and valve box within a proposed water main, including fittings, spool pieces, excavation, backfill, appurtenances, and all other associated work in accordance with the Contract Documents	50 UN	\$	18,500. <sup>00</sup>	\$	925,000. <sup>00</sup>
115	Furnish and install 8" buried insertion valve and valve box within an existing water main, including excavation, backfill, appurtenances, and all other associated work in accordance with the Contract Documents (If and where ordered)	12 UN	\$	13,000. <sup>00</sup>	\$	156,000. <sup>00</sup>
116	Furnish and install 12" buried insertion valve and valve box within an existing water main, including excavation, backfill, appurtenances, and all other associated work in accordance with the Contract Documents (If and where ordered)	4 UN	\$	19,000. <sup>00</sup>	\$	76,000. <sup>00</sup>
117	Furnish and install water main utility crossings in accordance with the details, including all work, labor, materials, and all else necessary and incidental thereto (If and where ordered)	36 UN	\$	6,400. <sup>00</sup>	\$	230,400. <sup>00</sup>



LIVINGSTON AVENUE WASTEWATER COLLECTION SYSTEM AND  
 WATER SYSTEM REHABILITATION  
 TOWNSHIP OF NORTH BRUNSWICK

C-45

C4. THE BIDDER WILL SATISFACTORILY COMPLETE THE WORK ON THIS CONTRACT FOR THE FOLLOWING PRICES

ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
<b>NON-FUNDED ITEMS</b>						
118	Furnish and install inline connection between proposed and existing water mains including necessary coupling (Dresser type restrained coupling), necessary restraint, friction clamps, concrete thrust collars, restraining rods, connection of water mains, excavation, backfill, all other appurtenances and all other associated work in accordance with the Contract Documents (If and where ordered)	33 UN	\$	3,500. <sup>00</sup>	\$	115,500. <sup>00</sup>
119	Furnish and install temporary by-pass potable water distribution piping including water services and all other work and appurtenances as required by the Contract Documents (If and where ordered)	LUMP SUM	\$	2,325.18	\$	2,325.18
120	Miscellaneous concrete, class B (If and where ordered)	100 CY	\$	225. <sup>00</sup>	\$	22,500. <sup>00</sup>
121	Metal Railing (If and where ordered) (Minimum unit price bid \$60/LF)	12 LF	\$	75. <sup>00</sup>	\$	900. <sup>00</sup>
122	Foundation, Type SSF	2 UN	\$	2,800. <sup>00</sup>	\$	5,600. <sup>00</sup>
123	Solar powered rectangular rapid flashing beacon, 4"-4.5" dia. round post with push button assembly	2 UN	\$	12,600. <sup>00</sup>	\$	25,200. <sup>00</sup>
124	Allowance for unknown subsurface conditions (If and where ordered)	ALLOWANCE	\$	200,000.00	\$	200,000.00

\*The bidder shall utilize the same unit price for bid items #22 & #87 and #23 & #88. If there is an inconsistency between the bid prices, the Engineer shall utilize the lower bid unit price for any determination.

PROPOSAL AND SCHEDULE OF BIDS

Total of Prices Bid based upon Estimated Quantities for above listed **Items 1 through 124**, inclusive.

\$ 6,425,425.<sup>00</sup>

(u) 6/24/21

Dollars.

(Amount - Figures)

Six million Four hundred twenty five thousand four hundred twenty five dollars & zero cents

(u) 6/24/21

TIME FOR COMPLETION of this Contract is 240 calendar days.

Quantities are not guaranteed. Final payment will be based on actual quantities.

C 5. BIDDER agrees that the Work will be substantially complete within 210 calendar days after the date when the Contract Time commences to run as provided in paragraph 2.3 of the General Conditions, and completed and ready for final payment within 240 calendar days after the date when the Contract Time commences to run.

BIDDER accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work on time.

C 6. Communications concerning this Bid shall be addressed to:

The address of BIDDER indicated below:

BIDDER NAME

Lucas Brothers Inc.

MAILING ADDRESS

80 Ambury Road  
Morgantown, MS 37751

C 7. The terms used in this Bid which are defined in the General Conditions of the Construction Contract include as part of the Contract Documents have the meanings assigned to them in the General Conditions.

SUBMITTED on June 24, 2021.