

Lucas Brothers Inc.

C-23

2020 ROAD IMPROVEMENT PROGRAM
TOWNSHIP OF NORTH BRUNSWICK
CONTRACT NO. 20-001

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
1	Mobilization	LUMP SUM	\$	444,297.96	\$	444,297.96
2	No Item					
3	Breakaway barricade (If and where ordered)	32 UN	\$	1.02	\$	32.64
4	Drum (If and where ordered)	138 UN	\$	1.02	\$	138.96
5	Traffic cone (If and where ordered)	712 UN	\$	1.02	\$	712.96
6	Construction signs (If and where ordered)	595 SF	\$	1.02	\$	595.96
7	Traffic director, Municipal Police Allowance (If and where ordered)	ALLOWANCE	\$160,000.00		\$160,000.00	
8	Flashing arrow board, 4'x8' (If and where ordered)	1 UN	\$	1.02	\$	1.02
9	Portable variable message sign (If and where ordered)	4 UN	\$	1,000.00	\$	4,000.00
10	Traffic control truck with mounted crash cushion (If and where ordered)	1 UN	\$	1,000.00	\$	1,000.00
11	Asphalt price adjustment (If and where ordered)	DOLLARS	\$70,000.00		\$70,000.00	
12	Fuel price adjustment (If and where ordered)	DOLLARS	\$35,000.00		\$35,000.00	
13	Allowance for work not specified (If and where ordered)	ALLOWANCE	\$50,000.00		\$50,000.00	
14	Remove existing curb or rolled curb and gutter (including sawcutting)	12,614 LF	\$	1.02	\$	12,614.96

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE	EXTENDED PRICE
			DOLLARS CENTS	DOLLARS CENTS
15	Remove existing walks	34.606 SF	\$ 1. ⁰⁰	\$ 34,606. ⁰⁰
16	Remove and dispose of existing storm sewer structures (salvage castings) (if and where ordered)	6 UN	\$ 1. ⁰⁰	\$ 6. ⁰⁰
17	Remove and dispose of existing storm sewer pipes (if and where ordered)	69 LF	\$ 1. ⁰⁰	\$ 69. ⁰⁰
18	Remove existing fire hydrant, run-out and valve along municipal roadway, salvage hydrant to owner (if and where ordered)	4 UN	\$ 1. ⁰⁰	\$ 4. ⁰⁰
19	Clearing site	LUMP SUM	\$75,000.00	\$75,000.00
20	Removal of pavement up to 14" deep	581 SY	\$ 9. ²⁰	\$ 5,345. ²⁰
21	Excavation, unclassified	6,279 CY	\$ 0. ⁰¹	\$ 622.74
22	Remove and replace roadway base (if and where ordered)	10,128 SY	\$ 0. ⁰¹	\$ 101.28
23	Driveway excavation, unclassified	377 CY	\$ 38. ⁰⁰	\$ 14,326. ⁰⁰
24	Excavation, unclassified, test pit (if and where ordered)	523 CY	\$ 1. ⁰⁰	\$ 523. ⁰⁰
25	Soil aggregate, type G	187 CY	\$ 0. ⁰¹	\$ 1.87
26	Disposing of contaminated (Hazardous) soil (if and where ordered)	ALLOWANCE	\$50,000.00	\$50,000.00
27	2" to 2-1/2" clean stone subbase (if and where ordered) (Minimum unit price bid \$10.00/CY)	2,045 CY	\$ 10. ⁰⁰	\$ 20,450. ⁰⁰

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
28	Geotextile roadway stabilization (if and where ordered)	5,536 SY	\$	0.01	\$	55.36
29	Dense graded aggregate base course (Minimum unit price bid \$10.00/CY)	2,209 CY	\$	10. ⁰⁰	\$	22,090. ⁰⁰
30	HMA milling, 3" or less	39,690 SY	\$	3.80	\$	150,822. ⁰⁰
31	Polymerized joint adhesive	61,106 LF	\$	0.01	\$	611.06
32	Prepare and seal existing transverse cracks in asphalt pavement with pavement repair geo composite membrane	242 LF	\$	10. ⁰⁰	\$	2,420. ⁰⁰
33	Tack Coat	7,596 GAL	\$	0.01	\$	75.96
34	Prime Coat	6,496 GAL	\$	0.01	\$	64.96
35	Hot mix asphalt 9.5M64 surface and leveler course	7,012 TON	\$	71. ⁰⁰	\$	497,852. ⁰⁰
36	Hot mix asphalt 19M64 base course	4,600 TON	\$	137. ⁰⁰	\$	630,200. ⁰⁰
37	Reset existing concrete modular block retaining wall (if and where ordered)	25 SF	\$	105. ⁰⁰	\$	2,625. ⁰⁰
38	6" dia. smooth wall interior, corrugated, perforated polyethylene tubing (PPT) underdrains with filter fabric, stone backfill for subsurface drains, bedding and backfill (if and where ordered)	8,298 LF	\$	4.65	\$	38,585.70
39	PVC, SDR-35 Leader drain extension or reconstruction	16 UN	\$	150. ⁰⁰	\$	2,400. ⁰⁰

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			DOLLARS	CENTS	DOLLARS	CENTS
40	Connect leader or sump drain to proposed 6" dia. PPT underdrain including fittings, cleanout and brass cap	29 UN	\$	220. ⁰⁰	\$	6,380. ⁰⁰
41	Subbase outlet drain (if and where ordered)	515 LF	\$	0.01	\$	5.15
42	4" dia. Perforated polyethylene tubing (PPT) pipe bedding drains (if and where ordered)	172 LF	\$	15. ⁰⁰	\$	2,580. ⁰⁰
43	15" dia. reinforced concrete pipe (RCP), 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	1,819 LF	\$	27. ⁰⁰	\$	49,113. ⁰⁰
44	18" dia. reinforced concrete pipe (RCP), 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	509 LF	\$	35. ⁰⁰	\$	17,815. ⁰⁰
45	24" dia. reinforced concrete pipe (RCP), 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	484 LF	\$	53. ⁰⁰	\$	25,652. ⁰⁰

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
46	19" x 30" 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	33 LF	\$	120. ⁰⁰	\$	3,960. ⁰⁰
47	Dense graded aggregate for pipe trench (if and where ordered)	4,580 CY	\$	0.01	\$	45. ⁸⁰
48	Manhole, 4' dia.	2 UN	\$	6,300. ⁰⁰	\$	12,600. ⁰⁰
49	Manhole, 4' square	3 UN	\$	6,300. ⁰⁰	\$	18,900. ⁰⁰
50	Manhole, 5' dia.	2 UN	\$	7,900. ⁰⁰	\$	15,800. ⁰⁰
51	Inlet type B, 8" head	6 UN	\$	9,100. ⁰⁰	\$	54,600. ⁰⁰
52	Inlet type B, 8" head, extended	6 UN	\$	9,700. ⁰⁰	\$	58,200. ⁰⁰
53	Inlet type D, 8" head	11 UN	\$	8,500. ⁰⁰	\$	93,500. ⁰⁰
54	Inlet type E	4 UN	\$	7,400. ⁰⁰	\$	29,600. ⁰⁰
55	Handhole with casting (Minimum unit price bid \$200.00/UN)	24 UN	\$	3,200. ⁰⁰	\$	76,800. ⁰⁰
56	Reset existing casting	55 UN	\$	170. ⁰⁰	\$	9,350. ⁰⁰
57	Reconstruct inlet, type A	1 UN	\$	1,400. ⁰⁰	\$	1,400. ⁰⁰
58	Reconstruct inlet, type B, 6" head	3 UN	\$	1,800. ⁰⁰	\$	5,400. ⁰⁰
59	Reconstruct inlet, type B, 8" head	8 UN	\$	1,800. ⁰⁰	\$	14,400. ⁰⁰
60	Reconstruct manhole	1 UN	\$	1,800. ⁰⁰	\$	1,800. ⁰⁰

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE DOLLARS CENTS	EXTENDED PRICE DOLLARS CENTS
61	Bicycle safe grate	12 UN	\$ 400. ⁰⁰	\$ 4,800. ⁰⁰
62	Curb piece type N-ECO	20 UN	\$ 400. ⁰⁰	\$ 8,000. ⁰⁰
63	Hot mix asphalt sidewalks, 6" thick	118 SY	\$ 77. ⁰⁰	\$ 9,086. ⁰⁰
64	Concrete sidewalks, 4" thick	33,767 SF	\$ 7. ⁰⁰	\$ 236,369. ⁰⁰
65	Concrete driveways, reinforced, 6" thick	5,517 SF	\$ 7.50	\$ 41,379.50
66	Concrete driveways, reinforced, 10" thick, commercial	2,517 SF	\$ 16.50	\$ 41,530.50
67	Hot mix asphalt driveway, 2" thick	298 SY	\$ 55. ⁰⁰	\$ 16,390. ⁰⁰
68	Hot mix asphalt driveway, 6" thick, commercial	103 SY	\$ 75. ⁰⁰	\$ 7,725. ⁰⁰
69	Aggregate driveway, 4" thick	22 SY	\$ 45. ⁰⁰	\$ 990. ⁰⁰
70	Driveway restoration, pavers	231 SF	\$ 14. ⁰⁰	\$ 3,234. ⁰⁰
71	Detectable warning surface	107 SY	\$ 330. ⁰⁰	\$ 35,310. ⁰⁰
72	8" x 16" concrete vertical curb	113 LF	\$ 26. ⁰⁰	\$ 2,938. ⁰⁰
73	8" x 18" concrete vertical curb	10,722 LF	\$ 26. ⁰⁰	\$ 278,772. ⁰⁰
74	Reset granite block curb (if and where ordered)	141 LF	\$ 26. ⁰⁰	\$ 3,666. ⁰⁰
75	Granite block curb	1,528 LF	\$ 26. ⁰⁰	\$ 39,928. ⁰⁰
76	Traffic stripes, long-life, "thermoplastic", 4" wide, with glass beads	47,073 LF	\$ 0.65	\$ 30,597.45

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77	Traffic stripes, long-life, "thermoplastic", 6" wide, with glass beads	1,167 LF	\$	1.00	\$	1,167.00
78	Traffic stripes, long-life, "thermoplastic", 8" wide, with glass beads	200 LF	\$	1.30	\$	260.00
79	Traffic stripes, long-life, "thermoplastic", 24" wide, with glass beads	500 LF	\$	3.80	\$	1,900.00
80	Traffic markings, "thermoplastic"	2,690 SF	\$	7.00	\$	18,830.00
81	Paint concrete curbing	523 LF	\$	1.15	\$	601.45
82	Signs	293 SF	\$	40.00	\$	11,720.00
83	Roadway trench repair (if and where ordered)	1,216 SY	\$	0.01	\$	12.16
84	Temporary trench repair (if and where ordered)	3,530 SY	\$	0.01	\$	35.30
85	Impervious trench stops (if and where ordered)	8 UN	\$	0.01	\$	0.08
86	Remove existing water distribution piping from municipal roadway, including excavation appurtenances, all pipe, fittings and all associated work as required by the contract documents (if and where ordered)	2,401 LF	\$	0.01	\$	24.01

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
87	Furnish and install 6" dia. cement lined DIP Class 52 water main along municipal roadway including excavation, backfill, NJDOT No. 57 stone bedding, geotextile filter fabric, M.J. fittings, polyethylene encasement, thrust blocks, restraining rods and collars, appurtenances and all associated work in accordance with the contract documents (if and where ordered)	74 LF	\$	83. ⁰⁰	\$	6,142. ⁰⁰
88	Furnish and install 8" dia. cement lined DIP Class 52 water main along municipal roadway including excavation, backfill, NJDOT No. 57 stone bedding, geotextile filter fabric, M.J. fittings, polyethylene encasement, thrust blocks, restraining rods and collars, appurtenances and all associated work in accordance with the contract documents (if and where ordered)	2,038 LF	\$	83. ⁰⁰	\$	169,154. ⁰⁰
89	Furnish and install 12" dia. cement lined DIP Class 52 water main along municipal roadway including excavation, backfill, NJDOT No. 57 stone bedding, geotextile filter fabric, M.J. fittings, polyethylene encasement, thrust blocks, restraining rods and collars, appurtenances and all associated work in accordance with the contract documents (if and where ordered)	361 LF	\$	98. ⁰⁰	\$	35,398. ⁰⁰

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			DOLLARS CENTS		DOLLARS CENTS	
90	Furnish and install 4" dia. cement lined DIP Class 52 water main along municipal roadway with M.J. type joints, including excavation, backfill, NJDOT No. 57 stone bedding, geotextile filter fabric, M.J. fittings, polyethylene encasement, thrust blocks, restraining rods and collars, appurtenances and all associated work in accordance with the contract documents (if and where ordered)	44 LF	\$	89. ⁰⁰	\$	3,916. ⁰⁰
91	Furnish and install 8" dia. cement lined DIP Class 52 water main along municipal roadway with M.J. type joints, including excavation, backfill, NJDOT No. 57 stone bedding, geotextile filter fabric, M.J. fittings, polyethylene encasement, thrust blocks, restraining rods and collars, appurtenances and all associated work in accordance with the contract documents (if and where ordered)	91 LF	\$	100. ⁰⁰	\$	9,100. ⁰⁰
92	Furnish and install 1" water service corporation stop, curb boxes, curb stop, adapters, fittings, pavement removal, excavation, backfill & restoration	16 UN	\$	2,600. ⁰⁰	\$	41,600. ⁰⁰
93	Furnish and install 1" K copper pipe water service and connection using open cut method to proposed water main	336 LF	\$	21. ⁰⁰	\$	7,056. ⁰⁰

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
94	Furnish and install fire hydrant assembly along municipal roadway including tee, 6" isolation gate valve and box, 6" CLDIP Class 52, restraint rodding, thrust blocks, clean 1-1/2" crushed stone, polyethylene fabric, granular backfill, and all other associated work in accordance with the contract documents (If and where ordered)	8 UN	\$	7,500. ⁰⁰	\$	60,000. ⁰⁰
95	Furnish and install 4" buried M.J. gate valve and valve box within a proposed water main along municipal roadway, including fittings, spool pieces, excavation, backfill, appurtenances, and all other associated work in accordance with the contract documents (If and where ordered)	1 UN	\$	2,200. ⁰⁰	\$	2,200. ⁰⁰
96	Furnish and install 6" buried M.J. gate valve and valve box within a proposed water main along municipal roadway, including fittings, spool pieces, excavation, backfill, appurtenances, and all other associated work in accordance with the contract documents (If and where ordered)	1 UN	\$	2,400. ⁰⁰	\$	2,400. ⁰⁰
97	Furnish and install 8" buried M.J. gate valve and valve box within a proposed water main along municipal roadway, including fittings, spool pieces, excavation, backfill, appurtenances, and all other associated work in accordance with the contract documents (If and where ordered)	15 UN	\$	3,350. ⁰⁰	\$	50,250. ⁰⁰

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS CENTS		DOLLARS CENTS	
98	Furnish and install 12" buried M.J. gate valve and valve box within a proposed water main along municipal roadway, including fittings, spool pieces, excavation, backfill, appurtenances, and all other associated work in accordance with the contract documents (if and where ordered)	6 UN	\$	4,300. ⁰⁰	\$	25,800. ⁰⁰
99	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)	5 UN	\$	0.01	\$	0.05
100	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, polyethylene encasement, filter fabric, excavation, backfill, all other appurtenances and all other associated work in accordance with the contract documents (if and where ordered)	10 UN	\$	2,200. ⁰⁰	\$	22,000. ⁰⁰
101	Reset water valve box to grade (if and where ordered)	18 UN	\$	320. ⁰⁰	\$	5,760. ⁰⁰

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
102	8" PVC SDR-35 gravity sanitary sewer, 0' to 6' deep including excavation, NJDOT No. 57 stone bedding and backfill around and to 1" over the top of the pipe, bypass pumping where required, fittings, cleaning, flushing, testing, connection to existing manhole, dewatering and sheeting where required, video inspection, backfilling and all associated work in accordance with the contract documents	6 LF	\$	165. ⁰⁰	\$	990. ⁰⁰
103	8" PVC SDR-35 gravity sanitary sewer, 6' to 8' deep including excavation, NJDOT No. 57 stone bedding and backfill around and to 1" over the top of the pipe, bypass pumping where required, fittings, cleaning, flushing, testing, connection to existing manhole, dewatering and sheeting where required, video inspection, backfilling and all associated work in accordance with the contract documents	6 LF	\$	165. ⁰⁰	\$	990. ⁰⁰
104	8" PVC SDR-35 gravity sanitary sewer, 8' to 10' deep including excavation, NJDOT No. 57 stone bedding and backfill around and to 1" over the top of the pipe, bypass pumping where required, fittings, cleaning, flushing, testing, connection to existing manhole, dewatering and sheeting where required, video inspection, backfilling and all associated work in accordance with the contract documents	6 LF	\$	165. ⁰⁰	\$	990. ⁰⁰

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105	12" PVC SDR-35 gravity sanitary sewer, 0' to 6' deep including excavation, NJDOT No. 57 stone bedding and backfill around and to 1" over the top of the pipe, bypass pumping where required, fittings, cleaning, flushing, testing, connection to existing manhole, dewatering and sheeting where required, video inspection, backfilling and all associated work in accordance with the contract documents	220 LF	\$	95. ⁰⁰	\$	20,900. ⁰⁰
106	12" PVC SDR-35 gravity sanitary sewer, 6' to 8' deep including excavation, NJDOT No. 57 stone bedding and backfill around and to 1" over the top of the pipe, bypass pumping where required, fittings, cleaning, flushing, testing, connection to existing manhole, dewatering and sheeting where required, video inspection, backfilling and all associated work in accordance with the contract documents	288 LF	\$	130. ⁰⁰	\$	37,440. ⁰⁰
107	12" PVC SDR-35 gravity sanitary sewer, 8' to 10' deep including excavation, NJDOT No. 57 stone bedding and backfill around and to 1" over the top of the pipe, bypass pumping where required, fittings, cleaning, flushing, testing, connection to existing manhole, dewatering and sheeting where required, video inspection, backfilling and all associated work in accordance with the contract documents	79 LF	\$	140. ⁰⁰	\$	11,060. ⁰⁰

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
108	4' precast concrete sanitary sewer manhole, 0' to 6' deep including excavation, 6" of NUDOT 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	\$	2,100. ⁰⁰	\$	2,100. ⁰⁰
109	4' precast concrete sanitary sewer manhole, 6' to 8' deep including excavation, 6" of NUDOT 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	\$	7,500. ⁰⁰	\$	7,500. ⁰⁰
110	4' precast concrete sanitary sewer manhole, 8' to 10' deep including excavation, 6" of NUDOT 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	\$	7,900. ⁰⁰	\$	7,900. ⁰⁰
111	12"x4" PVC SDR-35 wye (if and where ordered)	4 UN	\$	700. ⁰⁰	\$	2,800. ⁰⁰
112	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)	4 UN	\$	500. ⁰⁰	\$	2,000. ⁰⁰

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113	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)	110 LF	\$	160. ⁰⁰	\$	17,600. ⁰⁰
114	4" PVC SDR-35 sloped sanitary sewer riser connection (if and where ordered)	44 LF	\$	4.30	\$	189. ⁰⁰
115	Connect to existing sanitary sewer main including transition coupling and concrete encasement (if and where ordered)	5 UN	\$	1,400. ⁰⁰	\$	7,000. ⁰⁰
116	Furnish and install temporary by-pass potable water distribution piping on Chrome Street including water services and all other work and appurtenances as required by the contract documents (if and where ordered)	LUMP SUM	\$	0.01	\$	0.01
117	Furnish and install temporary by-pass potable water distribution piping on Roosevelt Avenue including water services and all other work and appurtenances as required by the contract documents (if and where ordered)	LUMP SUM	\$	0.01	\$	0.01
118	Raise and adjust sanitary sewer cleanout (if and where ordered)	11 UN	\$	0.01	\$	0.11
119	Relocate existing sanitary sewer lateral (if and where ordered)	11 UN	\$	0.01	\$	0.11

4/30/2020 (22)

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4/30/2020

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120	Relocate existing sanitary sewer cleanout (if and where ordered)	11 UN	\$	550. ⁰⁰	\$	6,050. ⁰⁰
121	CLSM (Controlled low strength material)	24 CY	\$	100. ⁰⁰	\$	2,400. ⁰⁰
122	Miscellaneous concrete, Class B (if and where ordered)	20 CY	\$	150. ⁰⁰	\$	3,000. ⁰⁰
123	Speed hump, including striping and signs	4 UN	\$	4,000. ⁰⁰	\$	16,000. ⁰⁰
124	Remove additional trees over 4" up to and including 8" caliper (if and where ordered)	4 UN	\$	0.01	\$	0.04
125	Remove additional trees over 8" up to and including 12" caliper (if and where ordered)	4 UN	\$	0.01	\$	0.04
126	Remove additional trees over 12" up to and including 16" caliper (if and where ordered)	4 UN	\$	0.01	\$	0.04
127	Remove additional trees over 16" caliper (if and where ordered)	4 UN	\$	0.01	\$	0.04
128	Selective root pruning over 4" up to and including 8" caliper	10 UN	\$	230. ⁰⁰	\$	2,300. ⁰⁰
129	Root barrier	175 LF	\$	17.50	\$	3,062.50
130	Shredded hardwood bark mulching	83 SY	\$	11. ⁰⁰	\$	913. ⁰⁰
131	Topsailing, 4" thick, including fine grading (if and where ordered)	8,596 SY	\$	5.50	\$	47,278. ⁰⁰

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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 DOLLARS CENTS	EXTENDED PRICE DOLLARS CENTS
132	Fertilizing (If and where ordered)	8.596 SY	\$ 0.90	\$ 7,736.40
133	Sodding (If and where ordered)	8.596 SY	\$ 7.30	\$ 62,750.80
134	Replacement trees	4 UN	\$ 0.01	\$ 0.04
135	Replacement shrubs	7 UN	\$ 0.01	\$ 0.07

= 607

PROPOSAL AND SCHEDULE OF BIDS

The undersigned, having familiarized himself/herself/itself with all of the Bid Documents, hereby proposes to furnish the work required in accordance with the Bid Documents, which are attached hereto and made a part hereof, for the price(s) set forth below, exempt of all taxes.

Total of Prices Bid based upon Estimated Quantities for above listed items 1 through 135 inclusive:

\$ 4,333,333.⁰⁰
 (Amount - Figures)

Four million three hundred thirty three thousand
 thirty three dollars & no cents
 (Amount Written)

Time for completion of this Contract is 270 calendar days.

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

4,336,358 -

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DELETION ITEMS

All Bidders are advised that the Township of North Brunswick has a limited budget for the construction of this project. In order to minimize time delays in the commencement of the contract and the inconvenience to all bidders that normally occurs when bids for projects exceed their respective budgets, the Owner has also included deletion items which may be utilized by the Owner as described in Subsection B 3.4 of these Specifications.

The bidder shall utilize the same unit prices bid for the deletion items as utilized for the respective base bid items. If there is an inconsistency between bid price and deletion price, the Engineer shall utilize the base bid unit price for any possible determination.

The Township of North Brunswick shall have the right to delete as few or as many items in reverse alphanumeric order as deemed to be in the best interest of the Township.

BASE BID		DELETION		APPROXIMATE	UNIT PRICE		EXTENDED PRICE	
ITEM NO.	ITEM NO.	DESCRIPTION		QUANTITY	DOLLARS	CENTS	DOLLARS	CENTS
DELETION ITEM A (A-1 TO A-70) (Chrome Street)								
14	Del A-1	Remove existing curb or rolled curb and gutter (including sawcutting)	505 LF	\$	1.	00	\$	505.00
15	Del A-2	Remove existing walks	1,116 SF	\$	1.	00	\$	1,116.00
16	Del A-3	Remove and dispose of existing storm sewer structures (salvage castings) (if and where ordered)	1 UN	\$	1.	00	\$	1.00
17	Del A-4	Remove and dispose of existing storm sewer pipes (if and where ordered)	8 LF	\$	1.	00	\$	8.00
18	Del A-5	Remove existing fire hydrant, run-out and valve along municipal roadway, salvage hydrant to owner (if and where ordered)	1 UN	\$	1.	00	\$	1.00
21	Del A-6	Excavation, unclassified	31 CY	\$	0.01		\$	0.31
23	Del A-7	Driveway excavation, unclassified	26 CY	\$	38.	00	\$	988.00
29	Del A-8	Dense graded aggregate base course (Minimum unit price bid \$10.00/CY)	49 CY	\$	10.	00	\$	490.00
30	Del A-9	HMA milling, 3" or less	2,761 SY	\$	3.80		\$	10,491.80
31	Del A-10	Polymerized joint adhesive	4,539 LF	\$	0.01		\$	45.39
33	Del A-11	Tack Coat	458 GAL	\$	0.01		\$	4.58
34	Del A-12	Prime Coat	142 GAL	\$	0.01		\$	1.42
35	Del A-13	Hot mix asphalt 9.5M64 surface and leveler course	450 TON	\$	71.	00	\$	31,950.00
36	Del A-14	Hot mix asphalt 19M64 base course	55 TON	\$	137.	00	\$	7,535.00

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BASE BID ITEM NO.	DELETION ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
				DOLLARS	CENTS	DOLLARS	CENTS
38	Del A-15	6" dia. smooth wall interior, corrugated, perforated polyethylene tubing (PPT) underdrains with filter fabric, stone backfill for subsurface drains, bedding and backfill (if and where ordered)	224 LF	\$ 4,65		\$ 1,041.60	
39	Del A-16	PVC, SDR-35 leader drain extension or reconstruction	3 UN	\$ 150. ⁰⁰		\$ 450. ⁰⁰	
40	Del A-17	Connect leader or sump drain to proposed 6" dia. PPT underdrain including fittings, cleanout and brass cap	1 UN	\$ 220. ⁰⁰		\$ 220. ⁰⁰	
43	Del A-18	15" dia. reinforced concrete pipe (RCP), 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	63 LF	\$ 29. ⁰⁰		\$ 1,721. ⁰⁰	
45	Del A-19	24" dia. reinforced concrete pipe (RCP), 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	283 LF	\$ 53. ⁰⁰		\$ 14,999. ⁰⁰	
46	Del A-20	19" x 30" 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	33 LF	\$ 120. ⁰⁰		\$ 3,960. ⁰⁰	
47	Del A-21	Dense graded aggregate for pipe trench (if and where ordered)	1,951 CY	\$ 0.01		\$ 19.51	
49	Del A-22	Manhole, 4' square	1 UN	\$ 6,300. ⁰⁰		\$ 6,300. ⁰⁰	
50	Del A-23	Manhole, 5' dia.	2 UN	\$ 7,900. ⁰⁰		\$ 15,800. ⁰⁰	
54	Del A-24	Inlet type E	2 UN	\$ 7,400. ⁰⁰		\$ 14,800. ⁰⁰	
55	Del A-25	Landhole with casing (Minimum unit price bid \$200.00/UN)	1 UN	\$ 3,200. ⁰⁰		\$ 3,200. ⁰⁰	
56	Del A-26	Reset existing casing	6 UN	\$ 170. ⁰⁰		\$ 1,020. ⁰⁰	

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BASE BID ITEM NO.	DELETION ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
				DOLLARS	CENTS	DOLLARS	CENTS
57	Del A-27	Reconstruct inlet, type A	1 UN	\$ 1,400. ⁰⁰		\$ 1,400. ⁰⁰	
58	Del A-28	Reconstruct inlet, type B, 6" head	1 UN	\$ 1,800. ⁰⁰		\$ 1,800. ⁰⁰	
60	Del A-29	Reconstruct manhole	1 UN	\$ 1,800. ⁰⁰		\$ 1,800. ⁰⁰	
61	Del A-30	Bicycle safe grate	5 UN	\$ 400. ⁰⁰		\$ 2,000. ⁰⁰	
62	Del A-31	Curb piece type N-ECO	2 UN	\$ 400. ⁰⁰		\$ 800. ⁰⁰	
64	Del A-32	Concrete sidewalks, 4" thick	1,093 SF	\$ 7. ⁰⁰		\$ 7,651. ⁰⁰	
65	Del A-33	Concrete driveways, reinforced, 6" thick	795 SF	\$ 7.50		\$ 5,962.50	
71	Del A-34	Detectable warning surface	4 SY	\$ 330. ⁰⁰		\$ 1,320. ⁰⁰	
73	Del A-35	8" x 18" concrete vertical curb	505 LF	\$ 26. ⁰⁰		\$ 13,130. ⁰⁰	
79	Del A-36	Traffic stripes, long-life, "thermoplastic", 24" wide, with glass beads	37 LF	\$ 3.80		\$ 140.60	
83	Del A-37	Roadway trench repair (if and where ordered)	1,107 SY	\$ 0.01		\$ 11.07	
84	Del A-38	Temporary trench repair (if and where ordered)	1,107 SY	\$ 0.01		\$ 11.07	
86	Del A-39	Remove existing water distribution piping from municipal roadway, including excavation appurtenances, all pipe, fittings and all associated work as required by the contract documents (if and where ordered)	817 LF	\$ 0.01		\$ 8.17	
87	Del A-40	Furnish and install 6" dia. cement lined DIP Class 52 water main along municipal roadway including excavation, backfill, NJDOT No. 57 stone bedding, geotextile filter fabric, M.J. fittings, polyethylene encasement, thrust blocks, restraining rods and collars, appurtenances and all associated work in accordance with the contract documents (if and where ordered)	22 LF	\$ 83. ⁰⁰		\$ 1,826. ⁰⁰	

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TOWNSHIP OF NORTH BRUNSWICK
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BASE BID ITEM NO.	DELETION ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
				DOLLARS	CENTS	DOLLARS	CENTS
88	Del A-41	Furnish and install 8" dia. cement lined DIP Class 52 water main along municipal roadway including excavation, backfill, N.JDOT No. 57 stone bedding, geotextile filter fabric, M.J. fittings, polyethylene encasement, thrust blocks, restraining rods and collars, appurtenances and all associated work in accordance with the contract documents (if and where ordered)	350 LF	\$ 83.	⁰⁰	\$ 29,050.	⁰⁰
89	Del A-42	Furnish and install 12" dia. cement lined DIP Class 52 water main along municipal roadway including excavation, backfill, N.JDOT No. 57 stone bedding, geotextile filter fabric, M.J. fittings, polyethylene encasement, thrust blocks, restraining rods and collars, appurtenances and all associated work in accordance with the contract documents (if and where ordered)	361 LF	\$ 98.	⁰⁰	\$ 35,378.	⁰⁰
91	Del A-43	Furnish and install 8" dia. cement lined DIP Class 52 water main along municipal roadway with M.J. type joints, including excavation, backfill, N.JDOT No. 57 stone bedding, geotextile filter fabric, M.J. fittings, polyethylene encasement, thrust blocks, restraining rods and collars, appurtenances and all associated work in accordance with the contract documents (if and where ordered)	91 LF	\$ 100.	⁰⁰	\$ 9,100.	⁰⁰
92	Del A-44	Furnish and install 1" water service corporation stop, curb boxes, curb stop, adapters, fittings, pavement removal, excavation, backfill & restoration	3 UN	\$ 2,600.	⁰⁰	\$ 7,800.	⁰⁰
93	Del A-45	Furnish and install 1" K copper pipe water service and connection using open cut method to proposed water main	99 LF	\$ 21.	⁰⁰	\$ 2,079.	⁰⁰
94	Del A-46	Furnish and install fire hydrant assembly along municipal roadway including tee, 6" isolation gate valve and box, 6" CLDIP Class 52, restraint rodding, thrust blocks, clean 1-1/2" crushed stone, polyethylene fabric, granular backfill, and all other associated work in accordance with the contract documents (if and where ordered)	2 UN	\$ 7,500.	⁰⁰	\$ 15,000.	⁰⁰

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C-45

BASE BID ITEM NO.	DELETION ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
				DOLLARS	CENTS	DOLLARS	CENTS
97	Del A-47	Furnish and install 8" buried M.J. gate valve and valve box within a proposed water main along municipal roadway, including fittings, spool pieces, excavation, backfill, appurtenances, and all other associated work in accordance with the contract documents (if and where ordered)	4 UN	\$	3,350. ⁰⁰	\$	13,400. ⁰⁰
98	Del A-46	Furnish and install 12" buried M.J. gate valve and valve box within a proposed water main along municipal roadway, including fittings, spool pieces, excavation, backfill, appurtenances, and all other associated work in accordance with the contract documents (if and where ordered)	6 UN	\$	4,300. ⁰⁰	\$	25,800. ⁰⁰
100	Del A-49	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, polyethylene encasement, filter fabric, excavation, backfill, all other appurtenances and all other associated work in accordance with the contract documents (if and where ordered)	6 UN	\$	2,200. ⁰⁰	\$	13,200. ⁰⁰
102	Del A-50	8" PVC SDR-35 gravity sanitary sewer, 0' to 6' deep including excavation, NJDOT No. 57 stone bedding and backfill around and to 1" over the top of the pipe, bypass pumping where required, fittings, cleaning, flushing, testing, connection to existing manhole, dewatering and sheeting where required, video inspection, backfilling and all associated work in accordance with the contract documents	6 LF	\$	165. ⁰⁰	\$	990. ⁰⁰

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C-46

BASE BID ITEM NO.	DELETION ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE DOLLARS CENTS	EXTENDED PRICE DOLLARS CENTS
103	Del A-51	8" PVC SDR-35 gravity sanitary sewer, 6' to 8' deep including excavation, NJDOT No. 57 stone bedding and backfill around and to 1" over the top of the pipe, bypass pumping where required, fittings, cleaning, flushing, testing, connection to existing manhole, dewatering and sheeting where required, video inspection, backfilling and all associated work in accordance with the contract documents	6 LF	\$ 165. ⁰⁰	\$ 990. ⁰⁰
104	Del A-52	8" PVC SDR-35 gravity sanitary sewer, 8' to 10' deep including excavation, NJDOT No. 57 stone bedding and backfill around and to 1" over the top of the pipe, bypass pumping where required, fittings, cleaning, flushing, testing, connection to existing manhole, dewatering and sheeting where required, video inspection, backfilling and all associated work in accordance with the contract documents	6 LF	\$ 165. ⁰⁰	\$ 990. ⁰⁰
105	Del A-53	12" PVC SDR-35 gravity sanitary sewer, 0' to 6' deep including excavation, NJDOT No. 57 stone bedding and backfill around and to 1" over the top of the pipe, bypass pumping where required, fittings, cleaning, flushing, testing, connection to existing manhole, dewatering and sheeting where required, video inspection, backfilling and all associated work in accordance with the contract documents	220 LF	\$ 95. ⁰⁰	\$ 20,900. ⁰⁰
106	Del A-54	12" PVC SDR-35 gravity sanitary sewer, 6' to 8' deep including excavation, NJDOT No. 57 stone bedding and backfill around and to 1" over the top of the pipe, bypass pumping where required, fittings, cleaning, flushing, testing, connection to existing manhole, dewatering and sheeting where required, video inspection, backfilling and all associated work in accordance with the contract documents	288 LF	\$ 130. ⁰⁰	\$ 37,440. ⁰⁰

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C-47

BASE BID ITEM NO.	DELETION ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE DOLLARS CENTS	EXTENDED PRICE DOLLARS CENTS
107	Del A-55	12" PVC SDR-35 gravity sanitary sewer, 8' to 10' deep including excavation, N.J.DOT No. 57 stone bedding and backfill around and to 1" over the top of the pipe, bypass pumping where required, fittings, cleaning, flushing, testing, connection to existing manhole, dewatering and sheeting where required, video inspection, backfilling and all associated work in accordance with the contract documents	79 LF	\$ 140. ⁰⁰	\$ 11,060. ⁰⁰
108	Del A-56	4' precast concrete sanitary sewer manhole, 0' to 6' deep including excavation, 6" of N.J.DOT 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	\$ 7,100. ⁰⁰	\$ 7,100. ⁰⁰
109	Del A-57	4' precast concrete sanitary sewer manhole, 6' to 8' deep including excavation, 6" of N.J.DOT 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	\$ 7,500. ⁰⁰	\$ 7,500. ⁰⁰
110	Del A-58	4' precast concrete sanitary sewer manhole, 8' to 10' deep including excavation, 6" of N.J.DOT 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	\$ 7,400. ⁰⁰	\$ 7,400. ⁰⁰
111	Del A-59	12"x4" PVC SDR-35 wye (if and where ordered)	4 UN	\$ 700. ⁰⁰	\$ 2,800. ⁰⁰
112	Del A-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)	4 UN	\$ 500. ⁰⁰	\$ 2,000. ⁰⁰

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BASE BID ITEM NO.	DELETION ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
				DOLLARS	CENTS	DOLLARS	CENTS
113	Del A-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)	110 LF	\$	160. ⁰⁰	\$	17,600. ⁰⁰
114	Del A-62	4" PVC SDR-35 sloped sanitary sewer riser connection (if and where ordered)	44 LF	\$	4.30	\$	189.20
115	Del A-63	Connect to existing sanitary sewer main including transition coupling and concrete encasement (if and where ordered)	5 UN	\$	1,400. ⁰⁰	\$	7,000. ⁰⁰
116	Del A-64	Furnish and install temporary by-pass potable water distribution piping on Chrome Street including water services and all other work and appurtenances as required by the contract documents (if and where ordered)	LUMP SUM	\$	0.01	\$	0.01
123	Del A-65	Speed hump, including striping and signs	2 UN	\$	4,000. ⁰⁰	\$	8,000. ⁰⁰
131	Del A-66	Topsailing, 4" thick, including fine grading (if and where ordered)	703 SY	\$	5.50	\$	3,866.50
132	Del A-67	Fertilizing (if and where ordered)	703 SY	\$	0.90	\$	632.70
133	Del A-68	Sodding (if and where ordered)	703 SY	\$	7.30	\$	5,139.90
134	Del A-69	Replacement trees	1 UN	\$	0.01	\$	0.01
135	Del A-70	Replacement shrubs	5 UN	\$	0.01	\$	0.05

TOTAL DELETION
ITEM "A" \$ 44,746.39

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DELETION ITEMS

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The bidder shall utilize the same unit prices bid for the deletion items as utilized for the respective base bid items. If there is an inconsistency between bid price and deletion price, the Engineer shall utilize the base bid unit price for any possible determination.

The Township of North Brunswick shall have the right to delete as few or as many items in reverse alphanumeric order as deemed to be in the best interest of the Township.

BASE BID	DELETION	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE	EXTENDED PRICE
ITEM NO.	ITEM NO.			DOLLARS CENTS	DOLLARS CENTS
DELETION ITEM B (B-1 TO B-29) (Municipal Parking Lot)					
3	Del B-1	Breakaway barricade (if and where ordered)	3 UN	\$ 1. ⁰⁰	\$ 3. ⁰⁰
4	Del B-2	Drum (if and where ordered)	10 UN	\$ 1. ⁰⁰	\$ 10. ⁰⁰
6	Del B-3	Construction signs (if and where ordered)	33 SF	\$ 1. ⁰⁰	\$ 33. ⁰⁰
14	Del B-4	Remove existing curb or rolled curb and gutter (including sawcutting)	1,001 LF	\$ 1. ⁰⁰	\$ 1,001. ⁰⁰
15	Del B-5	Remove existing walks	3,332 SF	\$ 1. ⁰⁰	\$ 3,332. ⁰⁰
21	Del B-6	Excavation, unclassified	101 CY	\$ 0.01	\$ 1.01
29	Del B-7	Dense graded aggregate base course (Minimum unit price bid \$10.00/CY)	72 CY	\$ 10. ⁰⁰	\$ 720. ⁰⁰
30	Del B-8	HMA milling, 3" or less	5,238 SY	\$ 3.80	\$ 19,904.40
31	Del B-9	Polymerized joint adhesive	3,372 LF	\$ 0.01	\$ 33.72
33	Del B-10	Tack Coat	790 GAL	\$ 0.01	\$ 7.90
34	Del B-11	Prime Coat	157 GAL	\$ 0.01	\$ 1.57
35	Del B-12	Hot mk asphalt 9.5M64 surface and leveler course	770 TON	\$ 71. ⁰⁰	\$ 54,670. ⁰⁰
36	Del B-13	Hot mk asphalt 19M64 base course	159 TON	\$ 137. ⁰⁰	\$ 21,783. ⁰⁰
56	Del B-14	Reset existing casting	4 UN	\$ 105. ⁰⁰	\$ 420. ⁰⁰
58	Del B-15	Reconstruct Inlet, type B, 6" head	1 UN	\$ 1,800. ⁰⁰	\$ 1,800. ⁰⁰
61	Del B-16	Bicycle safe grate	1 UN	\$ 400. ⁰⁰	\$ 400. ⁰⁰
62	Del B-17	Curb piece type N-ECO	4 UN	\$ 400. ⁰⁰	\$ 1,600. ⁰⁰
64	Del B-18	Concrete sidewalks, 4" thick	3,332 SF	\$ 7. ⁰⁰	\$ 23,324. ⁰⁰
71	Del B-19	Detectable warning surface	28 SY	\$ 330. ⁰⁰	\$ 9,240. ⁰⁰

CHIEF
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ITEM
APPROVE
LM 56 = \$170 ea.

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C-50

BASE BID ITEM NO.	DELETION ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE DOLLARS CENTS	EXTENDED PRICE DOLLARS CENTS
73	Del B-20	8" x 18" concrete vertical curb	1,001 LF	\$ 26.02	\$ 26,026.02
76	Del B-21	Traffic stripes, long-life, "thermoplastic", 4" wide, with glass beads	2,118 LF	\$ 0.65	\$ 1,376.70
77	Del B-22	Traffic stripes, long-life, "thermoplastic", 6" wide, with glass beads	323 LF	\$ 1.00	\$ 323.00
78	Del B-23	Traffic stripes, long-life, "thermoplastic", 8" wide, with glass beads	200 LF	\$ 1.30	\$ 260.00
79	Del B-24	Traffic stripes, long-life, "thermoplastic", 24" wide, with glass beads	20 LF	\$ 3.80	\$ 76.00
80	Del B-25	Traffic markings, "thermoplastic"	113 SF	\$ 7.00	\$ 791.00
82	Del B-26	Signs	19 SF	\$ 40.00	\$ 760.00
131	Del B-27	Topsolling, 4" thick, including fine grading (If and where ordered)	561 SY	\$ 5.50	\$ 3,085.50
132	Del B-28	Fertilizing (If and where ordered)	561 SY	\$ 0.90	\$ 504.90
133	Del B-29	Sodding (If and where ordered)	561 SY	\$ 7.30	\$ 4,095.30
TOTAL DELETION ITEM "B"					\$ 175,654.10

\$ 175,654.10