

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

Township of North Brunswick
Municipal Building
710 Hermann Road
North Brunswick, NJ
Bid: 2021 Road Improvement Program
Contract No.: 21-001
Thursday April 8th, 2021 @ 11:00AM

NSHIP

ATION

2021 ROAD IMPROVEMENT PROGRAM - RIDGEWOOD AVENUE
TOWNSHIP OF NORTH BRUNSWICK
CONTRACT NO. 21-001

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

Bidders are herein advised that the 2021 Road Improvement Program payment items are separated into items A-1 through B-201 for Ridgewood Avenue and the remaining roadways respectively.

ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
2021 ROAD IMPROVEMENT PROGRAM Ridgewood Avenue ITEMS (A-1 THROUGH A-100)						
A-1	Mobilization	LUMP SUM	\$	200,000. ⁰⁰	\$	200,000. ⁰⁰
A-2	Breakaway barricade (If and where ordered)	7 UN	\$	0.01	\$	0.07
A-3	Drum (If and where ordered)	28 UN	\$	0.01	\$	0.28
A-4	Traffic cone (If and where ordered)	200 UN	\$	0.01	\$	2. ⁰⁰
A-5	Construction signs (If and where ordered)	112 SF	\$	20. ⁰⁰ ⁽¹⁰⁾ 4/8/21	\$	2,240. ⁰⁰
A-6	Traffic director, Municipal Police Allowance (If and where ordered)	ALLOWANCE		\$70,000.00		\$70,000.00
A-7	Asphalt price adjustment (If and where ordered)	DOLLARS		\$15,000.00		\$15,000.00
A-8	Fuel price adjustment (If and where ordered)	DOLLARS		\$10,000.00		\$10,000.00
A-9	Allowance for work not specified (If and where ordered)	ALLOWANCE		\$20,000.00		\$20,000.00
A-10	Remove existing curb or rolled curb and gutter (including sawcutting)	2,790 LF	\$	0.01	\$	27.90
A-11	Remove existing walks	5,851 SF	\$	0.01	\$	58.51

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A-12	Remove and reset existing brick walk/pavers	52 SF	\$	11. ⁰⁰	\$	572. ⁰⁰
A-13	Remove and dispose of existing storm sewer structures (salvage castings) (If and where ordered)	7 UN	\$	0.01	\$	0.07
A-14	Remove and dispose of existing storm sewer pipes (If and where ordered)	530 LF	\$	0.01	\$	5.30
A-15	Remove existing fire hydrant, run-out and valve along municipal roadway, salvage hydrant to owner (If and where ordered)	2 UN	\$	0.01	\$	0.02
A-16	Clearing site	LUMP SUM		\$30,000.00		\$30,000.00
A-17	Removal of pavement up to 14" deep	26 SY	\$	0.01	\$	0.26
A-18	Excavation, unclassified	3,940 CY	\$	0.01	\$	39.40
A-19	Driveway excavation, unclassified	198 CY	\$	15. ⁰⁰	\$	2,970. ⁰⁰
A-20	Excavation, unclassified, test pit (If and where ordered)	182 CY	\$	0.01	\$	1.82
A-21	2" to 2-1/2" clean stone subbase (If and where ordered) (Minimum unit price bid \$10.00/CY)	950 CY	\$	10. ⁰⁰	\$	9,500. ⁰⁰
A-22	Geotextile roadway stabilization (If and where ordered)	2,850 SY	\$	0.01	\$	28.50
A-23	Dense graded aggregate base course (Minimum unit price bid \$10.00/CY)	1,047 CY	\$	10. ⁰⁰	\$	10,470. ⁰⁰

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			DOLLARS	CENTS	DOLLARS	CENTS
A-24	Polymerized joint adhesive	10,041 LF	\$	0.01	\$	100.41
A-25	Tack Coat	943 GAL	\$	0.01	\$	9.43
A-26	Prime Coat	3,138 GAL	\$	0.01	\$	31.38
A-27	Hot mix asphalt 9.5M64 surface and leveler course	739 TON	\$	83. ⁰⁰	\$	61,337. ⁰⁰
A-28	Hot mix asphalt 19M64 base course	2,211 TON	\$	82. ⁰⁰	\$	181,302. ⁰⁰
A-29	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)	1,935 LF	\$	5.50	\$	10,642.50
A-30	8" 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)	25 LF	\$	22. ⁰⁰	\$	550. ⁰⁰
A-31	PVC, SDR-35 Leader drain extension or reconstruction (If and where ordered)	7 UN	\$	170. ⁰⁰	\$	1,190. ⁰⁰
A-32	Connect leader or sump drain to proposed 6" dia. PPT underdrain including fittings, cleanout and brass cap (If and where ordered)	15 UN	\$	220. ⁰⁰	\$	3,300. ⁰⁰
A-33	Subbase outlet drain (If and where ordered)	515 LF	\$	0.01	\$	5.15
A-34	4" dia. Perforated polyethylene tubing (PPT) pipe bedding drains (If and where ordered)	172 LF	\$	16. ⁰⁰	\$	2,752. ⁰⁰

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS CENTS		DOLLARS CENTS	
A-35	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	1,594 LF	\$	30. ⁰⁰	\$	47,820. ⁰⁰
A-36	Dense graded aggregate for pipe trench (If and where ordered)	5,791 CY	\$	0.61	\$	57.91
A-37	Manhole, 4' square	3 UN	\$	7,000. ⁰⁰	\$	21,000. ⁰⁰
A-38	Inlet type A	1 UN	\$	6,200. ⁰⁰	\$	6,200. ⁰⁰
A-39	Inlet type B, 6" head	1 UN	\$	6,500. ⁰⁰	\$	6,500. ⁰⁰
A-40	Inlet type B, 8" head	18 UN	\$	6,500. ⁰⁰	\$	117,000. ⁰⁰
A-41	Lawn inlet	2 UN	\$	1,600. ⁰⁰	\$	3,200. ⁰⁰
A-42	Handhole with casting (Minimum unit price bid \$200.00/UN)	13 UN	\$	2,000. ⁰⁰	\$	26,000. ⁰⁰
A-43	Reconstruct inlet, type B, 6" head	1 UN	\$	1,600. ⁰⁰	\$	1,600. ⁰⁰
A-44	Reconstruct inlet, type B, 8" head	2 UN	\$	1,600. ⁰⁰	\$	3,200. ⁰⁰
A-45	Concrete sidewalks, 4" thick	6,052 SF	\$	7. ⁰⁰	\$	42,364. ⁰⁰
A-46	Concrete driveways, reinforced, 6" thick	1,070 SF	\$	7.50	\$	8,025. ⁰⁰
A-47	Concrete driveways, reinforced, 10" thick, commercial	1,822 SF	\$	16.50	\$	30,063. ⁰⁰

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			DOLLARS	CENTS	DOLLARS	CENTS
A-48	Hot mix asphalt driveway, 2" thick	160 SY	\$	40. ⁰⁰	\$	6,400. ⁰⁰
A-49	Hot mix asphalt driveway, 6" thick, commercial	233 SY	\$	70. ⁰⁰	\$	16,310. ⁰⁰
A-50	Detectable warning surface	25 SY	\$	330. ⁰⁰	\$	8,250. ⁰⁰
A-51	8" x 18" concrete vertical curb	2,912 LF	\$	26. ⁰⁰	\$	75,712. ⁰⁰
A-52	Reset granite block curb (If and where ordered)	14 LF	\$	26. ⁰⁰	\$	364. ⁰⁰
A-53	Traffic stripes, long-life, "thermoplastic", 4" wide, with glass beads	828 LF	\$	1. ⁰⁰	\$	828. ⁰⁰
A-54	Traffic stripes, long-life, "thermoplastic", 6" wide, with glass beads	544 LF	\$	1.50	\$	816. ⁰⁰
A-55	Traffic stripes, long-life, "thermoplastic", 24" wide, with glass beads	231 LF	\$	6. ⁰⁰	\$	1,386. ⁰⁰
A-56	Traffic markings, "thermoplastic"	69 SF	\$	7. ⁰⁰	\$	483. ⁰⁰
A-57	Signs	198 SF	\$	40. ⁰⁰	\$	7,920. ⁰⁰
A-58	Temporary trench repair (If and where ordered)	2,926 SY	\$	0.01	\$	29.26
A-59	Impervious trench stops (If and where ordered)	10 UN	\$	0.01	\$	0.10

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			DOLLARS CENTS		DOLLARS CENTS	
A-60	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)	1,661 LF	\$	0.01	\$	16.61
A-61	Furnish and install 4" 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)	6 LF	\$	175. ⁰⁰	\$	1,050. ⁰⁰
A-62	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)	33 LF	\$	84. ⁰⁰	\$	2,772. ⁰⁰

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			DOLLARS CENTS		DOLLARS CENTS	
A-63	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)	1,623 LF	\$ 78. ⁰⁰		\$ 126,594. ⁰⁰	
A-64	Furnish and install 1" water service corporation stop, curb boxes, curb stop, adapters, fittings, pavement removal, excavation, backfill & restoration	12 UN	\$ 2,300. ⁰⁰		\$ 27,600. ⁰⁰	
A-65	Furnish and install 1" K copper pipe water service and connection using open cut method to proposed water main	348 LF	\$ 25. ⁰⁰		\$ 8,700. ⁰⁰	
A-66	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)	5 UN	\$ 8,500. ⁰⁰		\$ 42,500. ⁰⁰	

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			DOLLARS CENTS		DOLLARS CENTS	
A-67	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		\$ 2,100. ⁰⁰	\$	2,100. ⁰⁰
A-68	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)	14 UN		\$ 5,000. ⁰⁰	\$	70,000. ⁰⁰
A-69	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)	3 UN		\$ 0.01	\$	0.03

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C-31

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			DOLLARS	CENTS	DOLLARS	CENTS
A-70	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)	7 UN	\$	1,700. ⁰⁰	\$	11,900. ⁰⁰
A-71	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	22 LF	\$	70. ⁰⁰	\$	1,540. ⁰⁰
A-72	8" PVC SDR-35 gravity sanitary sewer, 10' to 12' 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	\$	100. ⁰⁰	\$	600. ⁰⁰

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			DOLLARS CENTS		DOLLARS CENTS	
A-73	10" 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	311 LF	\$ 105. ⁰⁰		\$ 32,655. ⁰⁰	
A-74	10" PVC SDR-35 gravity sanitary sewer, 10' to 12' 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	1,030 LF	\$ 115. ⁰⁰		\$ 118,450. ⁰⁰	
A-75	10" PVC SDR-35 gravity sanitary sewer, 12' to 14' 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	82 LF	\$ 130. ⁰⁰		\$ 10,660. ⁰⁰	

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS CENTS		DOLLARS CENTS	
A-76	4' 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	\$ 7,200. ⁰⁰		\$ 7,200. ⁰⁰	
A-77	4' 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	3 UN	\$ 8,400. ⁰⁰		\$ 25,200. ⁰⁰	
A-78	4' precast concrete sanitary sewer manhole, 12' to 14' 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	\$ 11,400. ⁰⁰		\$ 11,400. ⁰⁰	
A-79	10"x 4" PVC SDR-35 wye (If and where ordered)	13 UN	\$ 160. ⁰⁰		\$ 2,080. ⁰⁰	
A-80	10"x 6" PVC SDR-35 wye (If and where ordered)	1 UN	\$ 300. ⁰⁰		\$ 300. ⁰⁰	

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			DOLLARS	CENTS	DOLLARS	CENTS
A-81	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)	13 UN	\$	475. ⁰⁰	\$	6,175. ⁰⁰
A-82	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)	313 LF	\$	90. ⁰⁰	\$	28,170. ⁰⁰
A-83	4" PVC SDR-35 sloped sanitary sewer riser connection (If and where ordered)	154 LF	\$	1. ⁰⁰	\$	154. ⁰⁰
A-84	6" dia. PVC SDR-35 cleanouts, including concrete marker, brass cap, PVC SDR-35 pipe, wye and connection to existing lateral (If and where ordered)	1 UN	\$	720. ⁰⁰	\$	720. ⁰⁰
A-85	6" 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)	36 LF	\$	100. ⁰⁰	\$	3,600. ⁰⁰
A-86	6" PVC SDR-35 sloped sanitary sewer riser connection (If and where ordered)	11 LF	\$	5.25	\$	57.75
A-87	Connect to existing sanitary sewer main including transition coupling and concrete encasement (if and where ordered)	6 UN	\$	1,000. ⁰⁰	\$	6,000. ⁰⁰

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A-88	Furnish and install temporary by-pass potable water distribution piping on Ridgewood 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
A-89	CLSM (Controlled low strength material)	8 CY	\$	0.01	\$	0.01
A-90	Miscellaneous concrete, Class B (If and where ordered)	5 CY	\$	150. ⁰⁰	\$	750. ⁰⁰
A-91	Reinforced concrete steps, class B (if and where ordered)	5 CY	\$	600. ⁰⁰	\$	3,000. ⁰⁰
A-92	Remove additional trees over 4" up to and including 8" caliper (If and where ordered)	2 UN	\$	0.01	\$	0.02
A-93	Remove additional trees over 8" up to and including 12" caliper (If and where ordered)	2 UN	\$	0.01	\$	0.02
A-94	Remove additional trees over 12" up to and including 16" caliper (If and where ordered)	2 UN	\$	0.01	\$	0.02
A-95	Remove additional trees over 16" caliper (If and where ordered)	2 UN	\$	0.01	\$	0.02
A-96	Topsoiling, 4" thick, including fine grading (If and where ordered)	1,551 SY	\$	5.50	\$	8,530.50

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			DOLLARS	CENTS	DOLLARS	CENTS
A-97	Fertilizing (If and where ordered)	1,551 SY	\$	0.65	\$	1,008.15
A-98	Sodding (If and where ordered)	1,551 SY	\$	8.00	\$	12,408.00
A-99	Replacement trees	1 UN	\$	1.00	\$	1.00
A-100	Replacement shrubs	15 UN	\$	1.00	\$	15.00

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2021 ROAD IMPROVEMENT PROGRAM ITEMS (B-101 THROUGH B-201)						
B-101	Mobilization	LUMP SUM			\$ 178,586.33	\$ 178,586.33
B-102	Breakaway barricade (If and where ordered)	23 UN	\$	0.01	5	0.23
B-103	Drum (If and where ordered)	104 UN	\$	0.01	5	1.04
B-104	Traffic cone (If and where ordered)	525 UN	\$	0.01	5	5.25
B-105	Construction signs (If and where ordered)	474 SF	\$	18. ⁰⁰	5	8,532. ⁰⁰
B-106	Traffic director, Municipal Police Allowance (If and where ordered)	ALLOWANCE		\$80,000.00		\$80,000.00
B-107	Flashing arrow board, 4'x8' (if and where ordered)	1 UN	\$	250. ⁰⁰	5	250. ⁰⁰
B-108	Portable variable message sign (If and where ordered)	1 UN	\$	550. ⁰⁰	5	550. ⁰⁰
B-109	Traffic control truck with mounted crash cushion (If and where ordered)	1 UN	\$	550. ⁰⁰	5	550. ⁰⁰
B-110	Asphalt price adjustment (If and where ordered)	DOLLARS		\$45,000.00		\$45,000.00
B-111	Fuel price adjustment (If and where ordered)	DOLLARS		\$25,000.00		\$25,000.00

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B-112	Allowance for work not specified (If and where ordered)	ALLOWANCE	\$30,000.00		\$30,000.00	
B-113	Remove existing curb or rolled curb and gutter (including sawcutting)	8,673 LF	\$ 0.01		\$ 86.73	
B-114	Remove existing walks	14,961 SF	\$ 0.01		\$ 149.61	
B-115	Remove and reset existing brick walk/pavers	24 SF	\$ 11.00		\$ 264.00	
B-116	Remove and dispose of existing storm sewer structures (salvage castings) (If and where ordered)	1 UN	\$ 0.01		\$ 0.01	
B-117	Remove and dispose of existing storm sewer pipes (If and where ordered)	279 LF	\$ 0.01		\$ 2.79	
B-118	Clearing site	LUMP SUM	\$45,000.00		\$45,000.00	
B-119	Removal of pavement up to 14" deep	439 SY	\$ 0.01		\$ 4.39	
B-120	Excavation, unclassified	3,416 CY	\$ 0.01		\$ 34.16	
B-121	Remove and replace roadway base (if and where ordered)	5,536 SY	\$ 0.01		\$ 55.36	
B-122	Driveway excavation, unclassified	372 CY	\$ 14.00		\$ 5,208.00	
B-123	Excavation, unclassified, test pit (If and where ordered)	382 CY	\$ 0.01		\$ 3.82	
B-124	Disposing of contaminated (Hazardous) soil (If and where ordered)	ALLOWANCE	\$50,000.00		\$50,000.00	

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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		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
B-125	2" to 2-1/2" clean stone subbase (If and where ordered) (Minimum unit price bid \$10.00/CY)	956 CY	\$	10. ⁰⁰	\$	9,560. ⁰⁰
B-126	Geotextile roadway stabilization (If and where ordered)	2,862 SY	\$	0.01	\$	28.62
B-127	Dense graded aggregate base course (Minimum unit price bid \$10.00/CY)	1,371 CY	\$	10. ⁰⁰	\$	13,710. ⁰⁰
B-128	HMA milling, 3" or less	26,083 SY	\$	3. ⁰⁰	\$	78,249. ⁰⁰
B-129	Polymerized joint adhesive	38,754 LF	\$	0.01	\$	387.54
B-130	Prepare and seal existing transverse cracks in asphalt pavement with pavement repair geo composite membrane	1,411 LF	\$	0.01	\$	14.11
B-131	Tack Coat	4,826 GAL	\$	0.01	\$	48.26
B-132	Prime Coat	3,994 GAL	\$	0.01	\$	39.94
B-133	Hot mix asphalt 9.5M64 surface and leveler course	4,772 TON	\$	56.65	\$	270,333.80
B-134	Hot mix asphalt 19M64 base course	2,870 TON	\$	130. ⁰⁰	\$	373,100. ⁰⁰
B-135	Reset existing concrete modular block retaining wall (if and where ordered)	29 SF	\$	70. ⁰⁰	\$	2,030. ⁰⁰

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS CENTS		DOLLARS CENTS	
B-136	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)	5,477 LF	\$	5.50	\$	30,123.50
B-137	PVC, SDR-35 Leader drain extension or reconstruction (If and where ordered)	41 UN	\$	170. ⁰⁰	\$	6,970. ⁰⁰
B-138	Connect leader or sump drain to proposed 6" dia. PPT underdrain including fittings, cleanout and brass cap (If and where ordered)	44 UN	\$	225. ⁰⁰	\$	9,900. ⁰⁰
B-139	Subbase outlet drain (If and where ordered)	238 LF	\$	0.01	\$	2.38
B-140	4" dia. Perforated polyethylene tubing (PPT) pipe bedding drains (If and where ordered)	80 LF	\$	18. ⁰⁰	\$	1,440. ⁰⁰
B-141	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	178 LF	\$	55. ⁰⁰	\$	9,790. ⁰⁰
B-142	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	892 LF	\$	65. ⁰⁰	\$	57,980. ⁰⁰

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
B-143	36" 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	18 LF	\$	160. ⁰⁰	\$	2,880. ⁰⁰
B-144	Dense graded aggregate for pipe trench (If and where ordered)	1,157 CY	\$	0.01	\$	11.57
B-145	Concrete collar	2 UN	\$	150. ⁰⁰	\$	300. ⁰⁰
B-146	Manhole, 5' square	1 UN	\$	4,500. ⁰⁰	\$	4,500. ⁰⁰
B-147	Inlet type B, 6" head	6 UN	\$	4,000. ⁰⁰	\$	24,000. ⁰⁰
B-148	Inlet type D, 8" head	6 UN	\$	4,000. ⁰⁰	\$	24,000. ⁰⁰
B-149	Handhole with casting (Minimum unit price bid \$200.00/UN)	17 UN	\$	3,300. ⁰⁰	\$	56,100. ⁰⁰
B-150	Reset existing casting	48 UN	\$	160. ⁰⁰	\$	7,680. ⁰⁰
B-151	Reconstruct inlet, type B, 6" head	3 UN	\$	1,700. ⁰⁰	\$	5,100. ⁰⁰
B-152	Reconstruct inlet, type B, 8" head	15 UN	\$	1,700. ⁰⁰	\$	25,500. ⁰⁰
B-153	Reconstruct manhole	1 UN	\$	1,800. ⁰⁰	\$	1,800. ⁰⁰
B-154	Bicycle safe grate	11 UN	\$	240. ⁰⁰	\$	2,640. ⁰⁰
B-155	Curb piece type N-ECO	19 UN	\$	230. ⁰⁰	\$	4,370. ⁰⁰
B-156	Hot mix asphalt sidewalks, 6" thick	102 SY	\$	60. ⁰⁰	\$	6,120. ⁰⁰

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
B-157	Concrete sidewalks, 4" thick	14,156 SF	\$	7. ⁰⁰	\$	99,092. ⁰⁰
B-158	Concrete driveways, reinforced, 6" thick	7,686 SF	\$	7.50	\$	57,645. ⁰⁰
B-159	Hot mix asphalt driveway, 2" thick	436 SY	\$	45. ⁰⁰	\$	19,620. ⁰⁰
B-160	Driveway restoration, pavers	366 SF	\$	11. ⁰⁰	\$	4,026. ⁰⁰
B-161	Detectable warning surface	43 SY	\$	330. ⁰⁰	\$	14,190. ⁰⁰
B-162	8" x 16" concrete vertical curb	109 LF	\$	26. ⁰⁰	\$	2,834. ⁰⁰
B-163	8" x 18" concrete vertical curb	4,457 LF	\$	26. ⁰⁰	\$	115,882. ⁰⁰
B-164	Concrete curb and gutter	482 LF	\$	38. ⁰⁰	\$	18,316. ⁰⁰
B-165	Cleaning and sealing existing joints in concrete curb and gutter (If and where ordered)	641 LF	\$	11. ⁰⁰	\$	7,051. ⁰⁰
B-166	Reset granite block curb (If and where ordered)	183 LF	\$	26. ⁰⁰	\$	4,758. ⁰⁰
B-167	Granite block curb	3,626 LF	\$	26. ⁰⁰	\$	94,276. ⁰⁰
B-168	Traffic stripes, long-life, "thermoplastic", 4" wide, with glass beads	36,118 LF	\$	0.75	\$	27,088.50
B-169	Traffic stripes, long-life, "thermoplastic", 6" wide, with glass beads	393 LF	\$	1.10	\$	432.30
B-170	Traffic stripes, long-life, "thermoplastic", 8" wide, with glass beads	289 LF	\$	1.50	\$	433.50
B-171	Traffic stripes, long-life, "thermoplastic", 12" wide, with glass beads	143 LF	\$	2.25	\$	321.75

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
B-172	Traffic stripes, long-life, "thermoplastic", 24" wide, with glass beads	314 LF	\$	4.50	\$	1,413. ⁰⁰
B-173	Traffic markings, "thermoplastic"	2,955 SF	\$	7. ⁰⁰	\$	20,685. ⁰⁰
B-174	Signs	373 SF	\$	40. ⁰⁰	\$	14,920. ⁰⁰
B-175	Roadway trench repair (If and where ordered)	437 SY	\$	0.01	\$	4.37
B-176	Temporary trench repair (If and where ordered)	1,108 SY	\$	0.01	\$	11.08
B-177	Impervious trench stops (If and where ordered)	3 UN	\$	0.01	\$	0.03
B-178	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)	733 LF	\$	0.01	\$	7.33
B-179	Furnish and install 10" 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)	733 LF	\$	100. ⁰⁰	\$	73,300. ⁰⁰

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
B-180	Furnish and install 1" water service corporation stop, curb boxes, curb stop, adapters, fittings, pavement removal, excavation, backfill & restoration	12 UN	\$	2300. ⁰⁰	\$	27,600. ⁰⁰
B-181	Furnish and install 1" K copper pipe water service and connection using open cut method to proposed water main	275 LF	\$	30. ⁰⁰	\$	8,250. ⁰⁰
B-182	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)	1 UN	\$	7,500. ⁰⁰	\$	7,500. ⁰⁰
B-183	Furnish and install 10" 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)	3 UN	\$	5,000. ⁰⁰	\$	15,000. ⁰⁰
B-184	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)	1 UN	\$	0.01	\$	0.01

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
B-185	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)	4 UN	\$	2,600. ⁰⁰	\$	10,400. ⁰⁰
B-186	Reset water valve box to grade (If and where ordered)	39 UN	\$	200. ⁰⁰	\$	7,800. ⁰⁰
B-187	Furnish and install temporary by-pass potable water distribution piping on Axel 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
B-188	Raise and adjust sanitary sewer cleanout (If and where ordered)	8 UN	\$	200. ⁰⁰	\$	1,600. ⁰⁰
B-189	Relocate existing sanitary sewer lateral (If and where ordered)	8 UN	\$	900. ⁰⁰	\$	7,200. ⁰⁰
B-190	Relocate existing sanitary sewer cleanout (If and where ordered)	8 UN	\$	300. ⁰⁰	\$	2,400. ⁰⁰
B-191	Miscellaneous concrete, Class B (If and where ordered)	35 CY	\$	0.01	\$	0.55

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
B-192	Speed hump, including striping and signs	1 UN	\$	6,000. ⁰⁰	\$	6,000. ⁰⁰
B-193	Remove additional trees over 4" up to and including 8" caliper (If and where ordered)	9 UN	\$	0.01	\$	0.09
B-194	Remove additional trees over 8" up to and including 12" caliper (If and where ordered)	21 UN	\$	0.01	\$	0.21
B-195	Remove additional trees over 12" up to and including 16" caliper (If and where ordered)	21 UN	\$	950. ⁰⁰	\$	19,950. ⁰⁰
B-196	Remove additional trees over 16" caliper (If and where ordered)	15 UN	\$	1,350. ⁰⁰	\$	20,250. ⁰⁰
B-197	Topsoiling, 4" thick, including fine grading (If and where ordered)	4,157 SY	\$	5. ⁰⁰	\$	20,785. ⁰⁰
B-198	Fertilizing (If and where ordered)	4,157 SY	\$	0.90	\$	3,741.30
B-199	Sodding (If and where ordered)	4,157 SY	\$	7.25	\$	30,138.25
B-200	Replacement trees	47 UN	\$	1. ⁰⁰	\$	47. ⁰⁰
B-201	Replacement shrubs	10 UN	\$	1. ⁰⁰	\$	10. ⁰⁰

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 A-1 through B-201 inclusive:

\$ 3,925,925.00

Dollars.

(Amount - Figures)

(u) 4/82

three million nine hundred twenty five thousand nine

hundred twenty five dollars & zero 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.

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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 base bid items for Contract B. If there is an inconsistency between bid price and deletion price, the Engineer shall utilize the base bid unit price for any possible determination.

BASE BID ITEM NO.	DELETION ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE DOLLARS CENTS	EXTENDED PRICE DOLLARS CENTS
DELETION ITEM 1 (1-1 TO 1-37) (Wood Lake Court)					
B-113	Del 1-1	Remove existing curb or rolled curb and gutter (including sawcutting)	1,745 LF	\$ 0.01	\$ 17.45
B-120	Del 1-2	Excavation, unclassified	470 CY	\$ 0.01	\$ 4.70
B-122	Del 1-3	Driveway excavation, unclassified	33 CY	\$ 14. ⁰⁰	\$ 462. ⁰⁰
B-123	Del 1-4	Excavation, unclassified, test pit (If and where ordered)	121 CY	\$ 0.01	\$ 1.21
B-127	Del 1-5	Dense graded aggregate base course (Minimum unit price bid \$10.00/CY)	267 CY	\$ 10. ⁰⁰	\$ 2,670. ⁰⁰
B-128	Del 1-6	HMA milling, 3" or less	2,214 SY	\$ 3. ⁰⁰	\$ 6,642. ⁰⁰
B-129	Del 1-7	Polymerized joint adhesive	4,642 LF	\$ 0.01	\$ 46.42
B-130	Del 1-8	Prepare and seal existing transverse cracks in asphalt pavement with pavement repair geo composite membrane	170 LF	\$ 0.01	\$ 1.70
B-131	Del 1-9	Tack Coat	514 GAL	\$ 0.01	\$ 5.14
B-132	Del 1-10	Prime Coat	797 GAL	\$ 0.01	\$ 7.97
B-133	Del 1-11	Hot mix asphalt 9.5M64 surface and leveler course	491 TON	\$ 56.65	\$ 27,815.15
B-134	Del 1-12	Hot mix asphalt 19M64 base course	563 TON	\$ 130. ⁰⁰	\$ 73,190. ⁰⁰
B-136	Del 1-13	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)	1,670 LF	\$ 5.50	\$ 9,185. ⁰⁰

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BASE BID ITEM NO.	DELETION ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
				DOLLARS CENTS		DOLLARS CENTS	
B-138	Del 1-14	Connect leader or sump drain to proposed 6" dia. PPT underdrain including fittings, cleanout and brass cap (If and where ordered)	2 UN	\$ 225. ⁰⁰		\$ 450. ⁰⁰	
B-139	Del 1-15	Subbase outlet drain (If and where ordered)	119 LF	\$ 0.01		\$ 1.19	
B-140	Del 1-16	4" dia. Perforated polyethylene tubing (PPT) pipe bedding drains (If and where ordered)	40 LF	\$ 18. ⁰⁰		\$ 720. ⁰⁰	
B-141	Del 1-17	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	99 LF	\$ 55. ⁰⁰		\$ 5,445. ⁰⁰	
B-142	Del 1-18	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	590 LF	\$ 65. ⁰⁰		\$ 38,350. ⁰⁰	
B-143	Del 1-19	36" 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	18 LF	\$ 160. ⁰⁰		\$ 2,880. ⁰⁰	
B-144	Del 1-20	Dense graded aggregate for pipe trench (If and where ordered)	263 CY	\$ 0.01		\$ 2.63	
B-145	Del 1-21	Concrete collar	2 UN	\$ 150. ⁰⁰		\$ 300. ⁰⁰	
B-146	Del 1-22	Manhole, 5' square	1 UN	\$ 4,500. ⁰⁰		\$ 4,500. ⁰⁰	
B-148	Del 1-23	Inlet type D, 8" head	6 UN	\$ 4,000. ⁰⁰		\$ 24,000. ⁰⁰	
B-149	Del 1-24	Handhole with casting (Minimum unit price bid \$200.00/UN)	3 UN	\$ 3,300. ⁰⁰		\$ 9,900. ⁰⁰	
B-150	Del 1-25	Reset existing casting	2 UN	\$ 160. ⁰⁰		\$ 320. ⁰⁰	
B-152	Del 1-26	Reconstruct inlet, type B, 8" head	1 UN	\$ 1,700. ⁰⁰		\$ 1,700. ⁰⁰	
B-159	Del 1-27	Hot mix asphalt driveway, 2" thick	118 SY	\$ 45. ⁰⁰		\$ 5,310. ⁰⁰	

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BASE BID ITEM NO.	DELETION ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
				DOLLARS CENTS		DOLLARS CENTS	
B-166	Del 1-28	Reset granite block curb (If and where ordered)	66 LF	4/6/21	\$ 26.02	\$	1,716.00
B-167	Del 1-29	Granite block curb	1,745 LF		\$ 26.00	\$	45,370.00
B-175	Del 1-30	Roadway trench repair (If and where ordered)	47 SY	4/6/21	\$ 0.01	\$	0.47
B-176	Del 1-31	Temporary trench repair (If and where ordered)	323 SY		\$ 0.01	\$	3.23
B-186	Del 1-32	Reset water valve box to grade (If and where ordered)	1 UN	4/6/21	\$ 200.00	\$	200.00
B-197	Del 1-33	Topsolling, 4" thick, including fine grading (If and where ordered)	649 SY		\$ 5.00	\$	3,245.00
B-198	Del 1-34	Fertilizing (If and where ordered)	649 SY		\$ 0.90	\$	584.10
B-199	Del 1-35	Sodding (If and where ordered)	649 SY		\$ 7.25	\$	4,705.25
B-200	Del 1-36	Replacement trees	1 UN		\$ 1.00	\$	1.00
B-201	Del 1-37	Replacement shrubs	5 UN		\$ 1.00	\$	5.00

TOTAL DELETION
ITEM "1"

\$ 281,972.61