

16th Street SW Reconstruction

SPEC	CODE	ITEM DESCRIPTION	UNIT	UNIT PRICE	PARTICIPATING	NON-PARTICIPATING	PARTICIPATING COST	NON-PARTICIPATING COST	TOTAL
103	100	CONTRACT BOND	L SUM	\$ 90,000.00	1		\$ 90,000.00	\$ -	\$ 90,000.00
202	132	REMOVAL OF BITUMINOUS SURFACING	SY	\$ 7.50	20260		\$ 151,950.00	\$ -	\$ 151,950.00
202	114	REMOVAL OF CONCRETE PAVEMENT	SY	\$ 7.50	2640		\$ 19,800.00	\$ -	\$ 19,800.00
202	153	SAW BITUMINOUS SURFACING-FULL DEPTH	LF	\$ 10.00	400		\$ 4,000.00	\$ -	\$ 4,000.00
202	130	REMOVAL OF CURB & GUTTER	LF	\$ 7.50	6000		\$ 45,000.00	\$ -	\$ 45,000.00
202	174	REMOVAL OF PIPE ALL TYPES AND SIZES	LF	\$ 15.00		1850	\$ -	\$ 27,750.00	\$ 27,750.00
203	101	COMMON EXCAVATION-TYPE A	CY	\$ 16.00	10,375		\$ 166,000.00	\$ -	\$ 166,000.00
203	109	TOPSOIL	CY	\$ 70.00	667		\$ 46,666.67	\$ -	\$ 46,666.67
216	100	WATER	MGAL	\$ 3.00	1,000		\$ 3,000.00	\$ -	\$ 3,000.00
		SUBGRADE PREPARATION-TYPE A-12IN	SY	\$ 4.00	24,900		\$ 99,600.00	\$ -	\$ 99,600.00
302	120	AGGREGATE BASE COURSE CL 5	TON	\$ 40.00	10,652		\$ 426,066.67	\$ -	\$ 426,066.67
430	500	COMMERCIAL GRADE HOT MIX ASPHALT	TON	\$ 200.00	92		\$ 18,400.00	\$ -	\$ 18,400.00
550	305	9IN NON-REINF CONCRETE PVMT CL AE-DOWELED	SY	\$ 117.50	22,500		\$ 2,643,750.00	\$ -	\$ 2,643,750.00
702	100	MOBILIZATION	L SUM	\$ 300,000.00	1		\$ 300,000.00	\$ -	\$ 300,000.00
	-	TRAFFIC CONTROL	L SUM	\$ 50,000.00	1		\$ 50,000.00	\$ -	\$ 50,000.00
		STORMWATER MANAGEMENT/ERROSION CONTROL	L SUM	\$ 25,000.00	1		\$ 25,000.00	\$ -	\$ 25,000.00
709	151	GEO SYNTHETIC MATERIAL TYPE R1	SY	\$ 3.00	24,900		\$ 74,700.00	\$ -	\$ 74,700.00
714	9696	EDGEDRAIN NON PERMEABLE BASE	LF	\$ 15.00	6,000		\$ 90,000.00	\$ -	\$ 90,000.00
714	4097	PIPE CONDUIT 15IN-STORM DRAIN	LF	\$ 85.00	200		\$ 17,000.00	\$ -	\$ 17,000.00
714	4101	PIPE CONDUIT 18IN-STORM DRAIN	LF	\$ 110.00	200		\$ 22,000.00	\$ -	\$ 22,000.00
714	4107	PIPE CONDUIT 24IN-STORM DRAIN	LF	\$ 140.00	150		\$ 21,000.00	\$ -	\$ 21,000.00
722	110	MANHOLE 60IN	EA	\$ 7,000.00	3		\$ 21,000.00	\$ -	\$ 21,000.00
722	3510	INLET-TYPE 2	EA	\$ 4,000.00	15		\$ 60,000.00	\$ -	\$ 60,000.00
722	3520	INLET-TYPE 2 CBMH	EA	\$ 6,000.00	5		\$ 30,000.00	\$ -	\$ 30,000.00
722	6240	ADJUST UTILITY APPURTENANCE	EA	\$ 800.00	20		\$ 16,000.00	\$ -	\$ 16,000.00
724	300	GATE VALVE & BOX 6IN	EA	\$ 2,500.00		4	\$ -	\$ 10,000.00	\$ 10,000.00
724		GATE VALVE & BOX 16IN	EA	\$ 10,000.00		3	\$ -	\$ 30,000.00	\$ 30,000.00
724	411	6IN HYDRANT	EA	\$ 7,500.00		4	\$ -	\$ 30,000.00	\$ 30,000.00
724	800	WATERMAIN 6IN	LF	\$ 80.00		50	\$ -	\$ 4,000.00	\$ 4,000.00
724	855	8IN WATERMAIN	LF	\$ 80.00		100	\$ -	\$ 8,000.00	\$ 8,000.00
		16IN WATERMAIN	LF	\$ 100.00		1,350	\$ -	\$ 135,000.00	\$ 135,000.00
		30IN WATERMAIN	LF	\$ 200.00		350	\$ -	\$ 70,000.00	\$ 70,000.00
748	140	CURB & GUTTER-TYPE I	LF	\$ 30.00	6,000		\$ 180,000.00	\$ -	\$ 180,000.00
750	115	SIDEWALK CONCRETE 4IN	SY	\$ 80.00	2,500		\$ 200,000.00	\$ -	\$ 200,000.00
750	1000	DRIVEWAY CONCRETE	SY	\$ 125.00	250		\$ 31,250.00	\$ -	\$ 31,250.00
750	2115	DETECABLE WARNING PANELS	SF	\$ 75.00	100		\$ 7,500.00	\$ -	\$ 7,500.00
770	0020	CONCRETE FOUNDATION-HIGHWAY LIGHTING	EA	\$ 850.00	22		\$ 18,700.00	\$ -	\$ 18,700.00
770	0060	CONCRETE FOUNDATION-FEED POINT-TYPE B	EA	\$ 1,500.00	2		\$ 3,000.00	\$ -	\$ 3,000.00
770	330	2IN DIAMETER RIGID CONDUIT	LF	\$ 10.00	8,200		\$ 82,000.00	\$ -	\$ 82,000.00
770	503	UNDERGROUND CONDUCTOR NO2-TYPE RHW	LF	\$ 3.50	1,450		\$ 5,075.00	\$ -	\$ 5,075.00
770	604	UNDERGROUND CONDUCTOR NO4-TYPE THW	LF	\$ 2.50	24,600		\$ 61,500.00	\$ -	\$ 61,500.00
770	735	FEED POINT-TYPE II-PAD MOUNTED	EA	\$ 10,000.00	2		\$ 20,000.00	\$ -	\$ 20,000.00
770	1676	LT STD 6FT MA 40FT MT HT BREAKAWAY	EA	\$ 4,000.00	22		\$ 88,000.00	\$ -	\$ 88,000.00
770	4140	LED FIXTURE	EA	\$ 1,200.00	22		\$ 26,400.00	\$ -	\$ 26,400.00
970	0001	LANDSCAPING APPURTENANCES	L SUM	\$ 75,000.00	1		\$ 75,000.00	\$ -	\$ 75,000.00
		RETAINING WALL	L SUM	\$ 100,000.00	1		\$ 100,000.00	\$ -	\$ 100,000.00
		SIGNAL MODIFICATION	L SUM	\$ 600,000.00	1		\$ 600,000.00	\$ -	\$ 600,000.00

UNDEVELOPED DESIGN DETAILS 20%

\$ 5,939,358.33	\$ 314,750.00	\$ 6,254,108.33
\$ 1,187,871.67	\$ 62,950.00	\$ 1,250,821.67
<b>\$ 7,127,230.00</b>	<b>\$ 377,700.00</b>	<b>\$ 7,504,930.00</b>

10% CONTINGENCY

\$ 712,723.00	\$ 37,770.00	\$ 750,493.00
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15% ENGINEERING

\$ 7,839,953.00	\$ 415,470.00	\$ 8,255,423.00
\$ 1,069,084.50	\$ 56,655.00	\$ 1,125,739.50
<b>\$ 8,909,037.50</b>	<b>\$ 472,125.00</b>	<b>\$ 9,381,162.50</b>

Construction Costs plus Contingency  
 Storm Sewer Costs (50% City Share)  
 Water Main Costs (100% City Share)  
 All other Costs (20% City Share)  
 Totals

Total

NDDOT

City

\$ 246,840.00	\$	123,420.00	\$	123,420.00
\$ 406,590.00	\$	-	\$	406,590.00
\$ 7,601,993.00	\$	6,081,594.40	\$	1,520,398.60
\$ 8,255,423.00	\$	6,205,014.40	\$	2,050,408.60

Engineering, Admin, Etc.

\$ 1,125,739.50

\$ 3,176,148.10