

VILLAGE OF FRANKLIN PARK
RUBY ST WATERMAIN & ROADWAY RECONSTRUCTION BETWEEN SCHILLER BLVD & FRANKLIN AVE

ENGINEER'S ESTIMATE OF COST - MARCH 8, 2024

ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
R1	CONCRETE WASHOUT	EACH	1	\$ 1,500.00	\$ 1,500.00
R2	BITUMINOUS MATERIALS (PRIME COAT) 0.40 GAL/SY	GAL	1,422	\$ 1.00	\$ 1,422.00
R3	AGGREGATE BASE COURSE, TYPE B 10"	SQ YD	743	\$ 25.00	\$ 18,575.00
R4	HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"	TON	796	\$ 110.00	\$ 87,560.00
R5	HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"	TON	398	\$ 115.00	\$ 45,770.00
R6	PORTLAND CEMENT CONCRETE SIDEWALK, 5"	SQ FT	2,250	\$ 8.50	\$ 19,125.00
R7	PORTLAND CEMENT CONCRETE SIDEWALK, 6"	SQ FT	730	\$ 10.00	\$ 7,300.00
R8	ASPHALT ROADWAY PAVEMENT REMOVAL	SQ YD	3,554	\$ 8.20	\$ 29,142.80
R9	CONCRETE DRIVEWAY/ALLEY PAVEMENT REMOVAL	SQ YD	163	\$ 18.00	\$ 2,934.00
R10	CONCRETE CURB & GUTTER REMOVAL	FOOT	615	\$ 8.00	\$ 4,920.00
R11	SIDEWALK REMOVAL	SQ FT	2,980	\$ 2.00	\$ 5,960.00
R12	COMBINATION CONCRETE CURB & GUTTER, TYPE B-4.12	FOOT	615	\$ 35.00	\$ 21,525.00
R13	P.C.C ALLEY AND DRIVEWAY PAVEMENT, 8"	SQ YD	163	\$ 112.00	\$ 18,256.00
R14	THERMOPLASTIC PAVEMENT MARKING - LINE 6" - WHITE	FOOT	104	\$ 2.50	\$ 260.00
R15	THERMOPLASTIC PAVEMENT MARKING - LINE 24" - WHITE	FOOT	39	\$ 8.50	\$ 331.50
W1	WATERMAIN REMOVAL	FOOT	350	\$ 11.00	\$ 3,850.00
W2	REMOVE FIRE HYDRANT	EACH	4	\$ 500.00	\$ 2,000.00
W3	ABANDON VALVE VAULT	EACH	4	\$ 440.00	\$ 1,760.00
W4	REMOVE VALVE AND VAULT	EACH	4	\$ 620.00	\$ 2,480.00
W5	REMOVE VALVE BOX	EACH	1	\$ 250.00	\$ 250.00
W6	PLUG ABANDONED WATERMAIN	EACH	10	\$ 750.00	\$ 7,500.00
W7	DUCTILE IRON WATERMAIN, 6" - INCL. ALL FITTINGS	FOOT	20	\$ 118.00	\$ 2,360.00
W8	DUCTILE IRON WATERMAIN, 8" - INCL. ALL FITTINGS	FOOT	1,230	\$ 155.00	\$ 190,650.00
W9	DUCTILE IRON WATERMAIN REDUCER - 8" TO 6"	EACH	4	\$ 535.00	\$ 2,140.00
W10	SDR 26 PVC CASING PIPE, 18" - COMPLETE - INCL. CASING CHOCKS AND END CAPS	FOOT	25	\$ 233.00	\$ 5,825.00
W11	WATER SERVICE REPLACEMENT, 1" COPPER, MAIN TO B-BOX	FOOT	1,251	\$ 110.00	\$ 137,610.00
W12	WATER SERVICE REPLACEMENT, 1" COPPER, B-BOX TO HOUSE	FOOT	820	\$ 145.00	\$ 118,900.00
W13	WATER SERVICE REPLACEMENT, INTERIOR RESTORATION	EACH	41	\$ 5,250.00	\$ 215,250.00
W14	WATER SERVICE REPLACEMENT, ASBESTOS ABATEMENT	EACH	41	\$ 3,900.00	\$ 159,900.00
W15	GATE VALVE, 8"	EACH	5	\$ 2,600.00	\$ 13,000.00
W16	VALVE VAULT, 4' DIA.	EACH	5	\$ 2,900.00	\$ 14,500.00
W17	FIRE HYDRANT W/ AUXILIARY VALVE AND BOX	EACH	4	\$ 9,750.00	\$ 39,000.00
W18	8" RESTRAINED WATERMAIN CAP	EACH	1	\$ 1,120.00	\$ 1,120.00
W19	CONNECT TO EXIST WATERMAIN	EACH	4	\$ 4,300.00	\$ 17,200.00
W20	TRENCH BACKFILL - WATER MAIN	FOOT	1,250	\$ 24.00	\$ 30,000.00
W21	TRENCH BACKFILL - WATER SERVICE	FOOT	1,005	\$ 13.00	\$ 13,065.00
M1	TOPSOIL, FURNISH AND PLACE, 4"	SQ YD	684	\$ 7.00	\$ 4,788.00
M2	NITROGEN FERTILIZER NUTRIENT	POUND	13	\$ 8.50	\$ 110.50
M3	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	13	\$ 8.50	\$ 110.50
M4	POTASSIUM FERTILIZER NUTRIENT	POUND	13	\$ 8.50	\$ 110.50
M5	SODDING	SQ YD	684	\$ 13.00	\$ 8,892.00
M6	SUPPLEMENTAL WATERING	UNIT	8	\$ 115.00	\$ 920.00
M7	INLET FILTERS	EACH	10	\$ 105.00	\$ 1,050.00
M8	TREE PROTECTION FENCING	FOOT	50	\$ 4.00	\$ 200.00
M9	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	15	\$ 175.00	\$ 2,625.00
M10	EARTH EXCAVATION	CU YD	100	\$ 65.00	\$ 6,500.00
M11	MOBILIZATION	L. SUM	1	\$ 33,000.00	\$ 33,000.00
M12	TRAFFIC CONTROL AND PROTECTION, COMPLETE	L. SUM	1	\$ 23,000.00	\$ 23,000.00
M13	CONSTRUCTION LAYOUT	L. SUM	1	\$ 10,000.00	\$ 10,000.00
SP1	REPAIR WATERMAIN BREAK - COMPLETE	HOOR	12	\$ 530.00	\$ 6,360.00
SP2	LINE STOP - HYDRA-STOP MODEL HSF 250	EACH	1	\$ 7,750.00	\$ 7,750.00
SP3	EXPLORATORY EXCAVATION	HOOR	12	\$ 310.00	\$ 3,720.00
SP4	CUT AND CAP WATERMAIN	EACH	1	\$ 1,700.00	\$ 1,700.00
SP5	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	50	\$ 66.00	\$ 3,300.00
SP6	GEOTECHNICAL FABRIC FOR SUBGRADE STABILIZATION	SQ YD	100	\$ 9.00	\$ 900.00
SP7	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	125	\$ 38.00	\$ 4,750.00
SP8	NON-SPECIAL WASTE DISPOSAL	CU YD	50	\$ 100.00	\$ 5,000.00
SP9	PERMETER EROSION BARRIER	FOOT	250	\$ 4.50	\$ 1,125.00
SP10	CONC. UTILITY PATCH REMOVAL, 6"-15"	SQ YD	50	\$ 75.00	\$ 3,750.00
SP11	CONCRETE COLLAR	EACH	1	\$ 1,700.00	\$ 1,700.00
SP12	THERMOPLASTIC PAVEMENT MARKING - LINE 12" - WHITE	FOOT	75	\$ 17.00	\$ 1,275.00
SP13	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	18	\$ 175.00	\$ 3,150.00
	TOTAL:			\$	1,375,577.80