

SUMMARY OF QUANTITIES

GENERAL NOTES

THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKS, SECTION OR SUBSECTION MONUMENTS ENCOUNTERED, UNTIL AN OWNER OR AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. ANY PROPERTY MARKS, SECTION OR SUBSECTION MONUMENTS UNLESS REFERENCED, DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

THE CONTRACTOR SHALL REMOVE ALL STRUCTURES WITHIN THE EXISTING AND NEW RIGHT OF WAY AS DIRECTED BY THE ENGINEER AND AS SHOWN ON THE PLANS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED. ALL EXISTING DRAINAGE PIPES SHALL BE CAREFULLY REMOVED DURING CONSTRUCTION AND STACKED ALONG THE RIGHT OF WAY AS DIRECTED BY THE ENGINEER. THIS SALVAGE AND STORAGE OF EXISTING DRAINAGE PIPES SHALL BE CONSIDERED AN INCIDENTAL ITEM AND WILL NOT BE PAID FOR SEPARATELY. ALL SALVAGED PIPES SHALL REMAIN THE PROPERTY OF THE CITY.

ALL TELEPHONE AND ELECTRIC POLES, GAS PIPES, ETC. IN THE WAY OF THE IMPROVEMENT SHALL BE MOVED BY THE UTILITIES PRIOR TO CONSTRUCTION AND SHALL NOT BE INCLUDED IN THE CONTRACT. THE CONTRACTOR SHALL NOTIFY THE RESPECTIVE UTILITIES TO MAKE THE NECESSARY ADUSTMENTS PRIOR TO THIS CONSTRUCTION.

THE LOCATION AND ELEVATION OF THE VARIOUS UNDERGROUND UTILITIES AS SHOWN ON THE PLANS ARE NOT TO BE TAKEN AS EXACT. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN CONDUCTING CONSTRUCTION OPERATIONS NEAR THEM TO PREVENT DAMAGE.

THE FINAL TOP 4" OF SOIL IN ANY AREA DISTURBED BY THE CONTRACTOR MUST BE ABLE TO SUPPORT VEGETATION.

EXISTING MAIL BOXES, STREET SIGNS AND TRAFFIC SIGNS THAT ARE WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED AND RESET BY THE CONTRACTOR. COST OF REMOVING AND RESETTING SHALL BE INCIDENTAL TO EARTH EXCAVATION (SPECIAL).

WHERE THE PROPOSED CONSTRUCTION MEETS AN EXISTING BITUMINOUS SURFACE, OR WHERE SAWING IS STATED ON THE PLANS, THE EXISTING SURFACE SHALL BE SAWED IN A NEAT, STRAIGHT LINE. COST OF SAWING TO BE INCLUDED IN THE CONTRACT UNIT PRICE PER UNIT OF EARTH EXCAVATION (SPECIAL).

	ROCK FALLS	- WEST 19TH :	STREET - HOR	IZONTAL CONT	TROL POINTS
POINT #	STATION	0/\$	NORTH	EAST	DESCRIPTION
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100	51+35.32	58.23' RT	1856864.44	2422390.39	PIN
101	58+65.76	64.65' LT	1856995.24	2423120.79	PIN
102	63+78.53	52.97' RT	1856883.2	2423633.53	PIN
103	68+45.36	72.31' LT	1857013.54	2424100.33	PIN
STATION		S - WEST 191	H STREET - N	VERTICAL BEN	CH MARKS DESCRIPTION
STATION	0/5	ROAD	ELEV.	L	DESCRIPTION
50+93.04	25.53′ L.T	19TH	637.18	RR SPIKE IN 1ST PP W. OF 12TH AVE	
58+54.13	25.20' L.T	19TH	639.53	"O" IN OPEN	@ 1ST FH E. OF 11TH AV
63+62.05	30.32' LT	19TH	641.23	RR SPIKE IN	3RD PP W. OF 9TH AVE
66+10.46	38.56′ L.T	19TH	641.82	"O" IN OPEN	@ 1ST FH E. OF 9TH AV
69+52.87	7.55' RT	19TH	640.35	RR SPIKE IN	N 2ND PP S. OF 18TH ST

CONSTRUCTION TYPE CODE: 1000

20200410*	EARTH EXCAVATION (SPECIAL)	- CU YD	5,203
20201200*	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	3,203
20800150	TRENCH BACKFILL	CU YD	277
21101615	TOP SOIL FURNISH AND PLACE, 4"	SQ YD	1,500
25000100	SEEDING, CLASS 1	ACRE	0.31
25000100	NITROGEN FERTILIZER NUTRIENT	POUND	28
25000500	PHOSPHOROUS FERTILIZER NUTRIENT	POUND - POUND	28
25000500	POTASSIUM FERTILIZER NUTRIENT	POUND	28
25100115	MULCH, METHOD 2	ACRE	0.31
28000400	PERIMETER EROSION BARRIER	FOOT	514
28000500	INLET AND PIPE PROTECTION	EACH	12
31101000*	SUB-BASE GRANULAR MATERIAL. TYPE B	TON	4.185
351001000*	AGGREGATE BASE COURSE, TYPE A	TON	1.860
40600100*	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	4,899
40600300*	AGGREGATE (PRIME COAT)	TON	12.4
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19,0, N50	. TON	1,225
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N50	- TON	735
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	98
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	- SQ FT	6,927
42400800	DETECTABLE WARNINGS	SQ FT	54
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	96
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	212
550A0090	STORM SEWERS, CLASS A. TYPE 1 18"	FOOT	964
55100500*	STORM SEWER REMOVAL 12"	FOOT	687
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2
60242801*	INLETS, SPECIAL, NO. 5	EACH	11
60255500	MANHOLES TO BE ADJUSTED	EACH	3
60266600	VALVE BOXES TO BE ADJUSTED	EACH	7
60500040	REMOVING MANHOLES	EACH	4
60500060	REMOVING INLETS	EACH	5
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	3,525
61140200*	STORM SEWERS, SPECIAL 12"	FOOT	166
67100100	MOBILIZATION	L SUM	1
70101700*	TRAFFIC CONTROL AND PROTECTION	L SUM	1
70300100*	SHORT-TERM PAVEMENT MARKING	FOOT	176
78001100🛦	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	23.6
78001110 ▲	PAINT PAVEMENT MARKING LINE - 4"	FOOT	2,094
78001130 ▲	PAINT PAVEMENT MARKING LINE - 6"	FOOT	452
78001150 A	PAINT PAVEMENT MARKING LINE - 12"	FOOT	285
78001180 ▲	PAINT PAVEMENT MARKING LINE - 24"	FOOT	81
Z0005400*	BREAKER-RUN CRUSHED STONE	TON	615

^{*}INDICATES SPECIAL PROVISION

A SPECIALTY ITEMS