

SUMMARY OF QUANTITIES

STRUCTURAL DESIGN DATA

STRUCTURAL DESIGN TRAFFIC:		YEAR 2018
PV = 1,674	SU = 126	MU = 0
ROAD/STREET CLASSIFICATION: Class III		
PERCENTAGE OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 50%	S = 50%	M = 50%
TRAFFIC FACTOR: ACTUAL TF = 0.13		
MINIMUM TF = 0.5		
SUBGRADE SUPPORT RATING		
SSR = Poor		
THEREFORE USE: 7" NON-REINFORCED P.C.C. PAVEMENT WITH 12.5' MAX. TRANSVERSE JOINT SPACING		

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
20200100	EARTH EXCAVATION	CU YD	3,071
20800150	TRENCH BACKFILL	CU YD	309
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	70
25000115	SEEDING, CLASS 1B	ACRE	0.3
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	23
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	23
25100105	MULCH, METHOD 1	ACRE	0.5
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100
28000400	PERIMETER EROSION BARRIER	FOOT	86
28000500	INLET AND PIPE PROTECTION	EACH	28
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	5,539
30201500	LIME	TON	106
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	5,539
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	560
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	65
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	200
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	62
42000200	PORTLAND CEMENT CONCRETE PAVEMENT 7"	SQ YD	4,506
42001300	PROTECTIVE COAT	SQ YD	4,506
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	593
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	8,953
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	1,453
42400800	DETECTABLE WARNINGS	SQ FT	127
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	720
44000300	CURB REMOVAL	FOOT	67
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,656
44000600	SIDEWALK REMOVAL	SQ FT	6,262
44002400	CURB REMOVAL (SPECIAL)	FOOT	67
550A0050	STORM SEWERS, CLASS A, TYPE 1, 12"	FOOT	675
550A0070	STORM SEWERS, CLASS A, TYPE 1, 15"	FOOT	43
550A0090	STORM SEWERS, CLASS A, TYPE 1, 18"	FOOT	44
550A0340	STORM SEWERS, CLASS A, TYPE 2, 12"	FOOT	92
* 56300100	ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS	FOOT	100
* 56300300	ADJUSTING WATER SERVICE LINES	FOOT	100
* 56400100	FIRE HYDRANTS TO BE MOVED	EACH	2
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	10

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
60100905	PIPE DRAINS, 4"	FOOT	200
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4
60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	4
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	1
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	8
60240327	INLETS, TYPE B, TYPE 23 FRAME AND GRATE	EACH	1
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	4
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	8
60267000	METER VAULTS TO BE ADJUSTED	EACH	12
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	3,217
67100100	MOBILIZATION	L SUM	1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	2,096
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	481
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	148
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1,087
72000100	SIGN PANEL - TYPE 1	SQ FT	68
73000100	WOOD SIGN SUPPORT	FOOT	144
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	2,115
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	481
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	148
XX000300	CONCRETE STEPS	SQ FT	107
XX002090	STAIR SIDE RAILING	FOOT	66
XX002154	MANHOLE, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE	EACH	5
60602505	CONCRETE CURB (SPECIAL)	FOOT	63
XX127500	STEP REMOVAL	EACH	3
X0300380	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH EXPOSED AGGREGATE	SQ FT	122
X0321905	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	105
X0321906	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 15"	FOOT	22
X0321907	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 12"	FOOT	139
X0323117	LANDSCAPING GRAVEL	SQ YD	25
X6020074	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	EACH	1
X6020075	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	EACH	6
* Z0036200	PAINT CURB	FOOT	521
Z0053700	RESETTING SURVEY MONUMENTS	EACH	1

* SPECIALTY ITEM