

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	ROADWAY J000-2A	TRAFFIC SIGNALS Y031-F	MSE RETAINING WALL Y007	TOTAL QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	1,640			1,640
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	457			457
20101000	TEMPORARY FENCE	FOOT	2,440			2,440
20101100	TREE TRUNK PROTECTION	EACH	61			61
20200100	EARTH EXCAVATION	CU YD	369,402			369,402
20200300	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	8,000			8,000
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,242			1,242
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	72		594	666
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	1,242			1,242
20800150	TRENCH BACKFILL	CU YD	2,337			2,337
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	19,657			19,657
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	122,052			122,052
21101685	TOPSOIL FURNISH AND PLACE, 24"	SQ YD	7,577			7,577
21300010	EXPLORATION TRENCH, SPECIAL	FOOT	200			200
25000350	SEEDING, CLASS 7	ACRE	24.05			24.05
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	2,156			2,156
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	2,156			2,156
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	2,156			2,156
25100115	MULCH, METHOD 2	ACRE	24.87			24.87
28000500	INLET AND PIPE PROTECTION	EACH	6			6
28000510	INLET FILTERS	EACH	83			83
28100101	STONE RIPRAP, CLASS A1	SQ YD	100			100
28100105	STONE RIPRAP, CLASS A3	SQ YD	368			368
28100107	STONE RIPRAP, CLASS A4	SQ YD	172			172
28100111	STONE RIPRAP, CLASS A6	SQ YD	104			104
28200200	FILTER FABRIC	SQ YD	744			744
31101000	SUB-BASE GRANULAR MATERIAL, TYPE B	TON	517			517
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	431			431
35501316	HMA BASE COURSE, 8"	SQ YD	427			427
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	595			595
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1,435			1,435
40600300	AGGREGATE (PRIME COAT)	TON	29			29
40600895	CONSTRUCTING TEST STRIP	EACH	1			1
40600990	TEMPORARY RAMP	SQ YD	1,602			1,602
40603310	HMA SURFACE COURSE, MIX "C", N50	TON	51			51
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	961			961
40701896	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10 3/4"	SQ YD	2,458			2,458
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	48,436			48,436
44000100	PAVEMENT REMOVAL	SQ YD	20,427			20,427
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	8,578			8,578
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,195			1,195
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	302			302
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	523			523
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	2,394			2,394
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	404			404
48301000	PROTECTIVE COAT	SQ YD	62,360			62,360
50105220	PIPE CULVERT REMOVAL	FOOT	273			273
50200100	STRUCTURE EXCAVATION	CU YD			2260	2,260
50300285	FORM LINER TEXTURED SURFACE	SQ FT			8,289	8,289
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	15			15
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1			1
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	17			17
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	7			7
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1			1
54213705	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 60"	EACH	1			1
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	7			7
54247150	GRATING FOR CONCRETE FLARED END SECTION 30"	EACH	1			1
54247210	GRATING FOR CONCRETE FLARED END SECTION 60"	EACH	1			1
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	64			64
542A1063	PIPE CULVERTS, CLASS A, TYPE 2 18"	FOOT	216			216
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	504			504
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	98			98
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	1,222			1,222
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1,165			1,165
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	103			103
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	164			164
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	1,363			1,363
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	190			190
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	245			245
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	215			215
550A0500	STORM SEWERS, CLASS A, TYPE 2 60"	FOOT	89			89
550A0730	STORM SEWERS, CLASS A, TYPE 3 30"	FOOT	412			412
550A0800	STORM SEWERS, CLASS A, TYPE 3 60"	FOOT	192			192
550A1100	STORM SEWERS, CLASS A, TYPE 4 60"	FOOT	163			163
55035300	STORM SEWERS, TYPE 2, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 23, RISE 14	FOOT	44			44
55103100	DUCTILE IRON WATER MAIN 8"	FOOT	134			134
55105000	WATER VALVES 8"	EACH	1			1
55400200	FIRE HYDRANTS TO BE MOVED (SPECIAL)	EACH	6			6
55400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	1			1
60100060	CONCRETE HEADWALL FOR PIPE DRAIN	EACH	23			23
60107700	PIPE UNDERDRAINS 6"	FOOT	3,113			3,113
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	11			11
60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1			1
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	2			2

* DENOTES SPECIALTY ITEM

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60208230	CATCH BASINS, TYPE C, TYPE 23 FRAME AND GRATE	EACH	1			1
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	9			9
60214400	RESTRICTED DEPTH CATCH BASINS, 4'-DIAMETER, TYPE 8 GRATE	EACH	1			1
60214713	RESTRICTED DEPTH CATCH BASINS, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	4			4
60214714	RESTRICTED DEPTH CATCH BASINS, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	13			13
60216613	RESTRICTED DEPTH CATCH BASINS, 5'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	1			1
60216614	RESTRICTED DEPTH CATCH BASINS, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	6			6
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2			2
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1			1
60224600	RESTRICTED DEPTH MANHOLES, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1			1
60225400	RESTRICTED DEPTH MANHOLES, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6			6
60225900	RESTRICTED DEPTH MANHOLES, 5'-DIAMETER, TYPE 8 GRATE	EACH	2			2
60226200	RESTRICTED DEPTH MANHOLES, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2			2
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	8			8
60236700	INLETS, TYPE A, TYPE 10 FRAME AND GRATE	EACH	2			2
60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	2			2
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	10			10
60240305	INLETS, TYPE B, TYPE 10 FRAME AND GRATE	EACH	1			1
60240327	INLETS, TYPE B, TYPE 23 FRAME AND GRATE	EACH	2			2
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	3			3
60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAM, CLOSED LID	EACH	1			1
60255500	MANHOLES TO BE ADJUSTED	EACH	4			4
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	2			2
60600095	CLASS SIC CONCRETE (OUTLET)	CU YD	3.8			3.8
60602500	CONCRETE GUTTER, TYPE A	FOOT	946			946
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	169			169
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	14,093			14,093
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	18			18
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	162			162
60620000	CONCRETE MEDIAN, TYPE SB-6.24	SQ FT	2,030			2,030
60620200	CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)	SQ FT	8,121			8,121
60624600	CORRUGATED MEDIAN	SQ FT	424			424
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	1,168			1,168
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1			1
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1			1
67100100	MOBILIZATION	L SUM	1			1
70100100	TRAFFIC CONTROL AND PROTECTION, STANDARD 701316	EACH	1			1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1			1
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	36			36
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	277			277
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	11,943			11,943
* 70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	230			230
* 70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	18,958			18,958
* 70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	13,365			13,365
* 70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1			1
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1088			1088
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	95			95
* 78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	692			692
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	842			842
* 78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	2,774			2,774
* 78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	613			613
* 78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	313			313
* 78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	285			285
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	1,859			1,859
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	31,933			31,933
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	3,592			3,592
* 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	312			312
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	95			95
* 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	57			57
* 78201000	TERMINAL MARKER-DIRECT APPLIED	EACH	1			1
* 78200420	GUARDRAIL MARKERS, TYPE B	EACH	7			7
* 81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT		533		533
* 81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT		56		56
* 81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT		122		122
* 81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT		192		192
* 81001100	CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT		10		10
* 81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT		580		580
* 81400100	HANDHOLE	EACH		5		5
* 81400300	DOUBLE HANDHOLE	EACH		2		2
* 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT		806		806
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH		3		3
* 85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET (SPECIAL)	EACH		1		1
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT		1,336		1,336
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT		5,034		5,034
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT		2,250		2,250
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT		51		51
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN NO.14 1 PAIR	FOOT		3,218		3,218
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT.	EACH		4		4
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT		16		16
* 87800200	CONCRETE FOUNDATION, TYPE D	FOOT		4		4