

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
				ROADWAY	
				60% ICC 40% LOCAL + FED J000-5B	100% LOCAL + FED J000-2A
20200100	EARTH EXCAVATION	CU YD	2074	630	1444
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	100	45	55
20400800	FURNISHED EXCAVATION	CU YD	24079	3510	20569
20800150	TRENCH BACKFILL	CU YD	382	113	269
25000200	SEEDING, CLASS 2	ACRE	8.4	1.6	6.8
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	756	144	612
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	756	144	612
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	756	144	612
25000700	AGRICULTURAL GROUND LIMESTONE	TON	16.8	3.2	13.6
25000750	MOWING	ACRE	6.25	4.25	2
25003200	INTERSEEDING, CLASS 2	ACRE	5	3	2
25100115	MULCH, METHOD 2	ACRE	8.4	1.6	6.8
25100630	EROSION CONTROL BLANKET	SQ YD	1000	1000	0
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	154	99	55
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	4200	800	3400
28000300	TEMPORARY DITCH CHECKS	EACH	24	14	10
28000400	PERIMETER EROSION BARRIER	FOOT	4992	2459	2533
28000500	INLET AND PIPE PROTECTION	EACH	58	29	29
28000720	MULCH, METHOD 2	ACRE	42	8	34
28100207	STONE RIPRAP, CLASS A4	TON	563	484	79
28200200	FILTER FABRIC	SQ YD	937	839	98
31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	19023	10424	8599
31101000	SUB-BASE GRANULAR MATERIAL, TYPE B	TON	189	104	85
31101900	SUB-BASE GRANULAR MATERIAL, TYPE C	TON	1186	688	498
35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD	632	0	632
35800100	PREPARATION OF BASE	SQ YD	6397	0	6397
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	186	0	186
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	838	0	838
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1451	0	1451
40600300	AGGREGATE (PRIME COAT)	TON	28	0	28
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	3	0	3
40600882	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	461	0	461
40603350	TEMPORARY RAMP	SQ YD	237	0	237
40603350	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	77	0	77
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	1159	0	1159
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	164	0	164
42001165	BRIDGE APPROACH PAVEMENT	SQ YD	406	406	0
42001200	PAVEMENT FABRIC	SQ YD	183	0	183
42001300	PROTECTIVE COAT	SQ YD	20415	11782	8633
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SQ YD	183	0	183
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	61	0	61
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	249	0	249
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	1609	0	1609
42400800	DETECTABLE WARNINGS	SQ FT	24	0	24
44000100	PAVEMENT REMOVAL	SQ YD	237	0	237
44000196	HOT MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	325	0	325
44000198	HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	6089	0	6089
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	101	0	101
44000300	CURB REMOVAL	FOOT	1326	0	1326
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	189	0	189
44000600	SIDEWALK REMOVAL	SQ FT	2314	0	2314
44003800	MEDIAN SURFACE REMOVAL	SQ FT	778	0	778
44200116	PAVEMENT PATCHING, TYPE I, 10 INCH	SQ YD	17	0	17
44200120	PAVEMENT PATCHING, TYPE II, 10 INCH	SQ YD	322	0	322
44200124	PAVEMENT PATCHING, TYPE III, 10 INCH	SQ YD	19	0	19
44200126	PAVEMENT PATCHING, TYPE IV, 10 INCH	SQ YD	546	0	546
44201823	CLASS D PATCHES, TYPE I, 15 INCH	SQ YD	3	0	3
44201831	CLASS D PATCHES, TYPE III, 15 INCH	SQ YD	86	0	86
44201833	CLASS D PATCHES, TYPE IV, 15 INCH	SQ YD	166	0	166
44213200	SAW CUTS	FOOT	1972	0	1972
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	3831	0	3831
48101200	AGGREGATE SHOULDERS, TYPE B	TON	15	0	15
48203003	HOT-MIX ASPHALT SHOULDERS, 1 1/2"	SQ YD	1989	0	1989
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	20	0	20
50102400	CONCRETE REMOVAL	CU YD	9	0	9
50105220	PIPE CULVERT REMOVAL	FOOT	25	0	25
50300260	BRIDGE DECK GROOVING	SQ YD	1722	0	1722
50800105	REINFORCEMENT BARS	POUND	948	0	948
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	0	1
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	0	2
54213672	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 27"	EACH	1	0	1
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1	0	1
54213705	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 60"	EACH	1	0	1
54215547	METAL END SECTIONS 12"	EACH	14	9	5
54247140	GRATING FOR CONCRETE FLARED END SECTION 27"	EACH	1	0	1
54247150	GRATING FOR CONCRETE FLARED END SECTION 30"	EACH	1	0	1
55019500	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 12"	FOOT	872	572	300
55019600	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 15"	FOOT	45	0	45
55019700	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 18"	FOOT	45	0	45
55019800	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 21"	FOOT	50	0	50
55020100	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 30"	FOOT	19	0	19
55021600	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 12"	FOOT	122	80	42
55021800	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 18"	FOOT	101	0	101
55022100	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 27"	FOOT	64	0	64
55022600	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 48"	FOOT	448	0	448
55022800	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS II 60"	FOOT	423	256	167
55100500	STORM SEWER REMOVAL 12"	FOOT	145	0	145
55100700	STORM SEWER REMOVAL 15"	FOOT	125	0	125
55101200	STORM SEWER REMOVAL 24"	FOOT	14	0	14
55101400	STORM SEWER REMOVAL 30"	FOOT	3	0	3
55101600	STORM SEWER REMOVAL 36"	FOOT	15	0	15
552A1600	STORM SEWERS JACKED IN PLACE, CLASS A 48"	FOOT	55	0	55
55300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	285	0	285
60100945	PIPE DRAINS 12"	FOOT	900	756	144
60228100	RESTRICTED DEPTH MANHOLES, 6" DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	0	1
60237000	INLETS, TYPE A, TYPE 15 FRAME, AND LID	EACH	2	0	2
60240210	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	EACH	1	0	1
60240320	INLETS, TYPE B, TYPE 15 FRAME AND LID	EACH	5	0	5
60246541	INLET BOX SPECIAL, NO. 1	EACH	2	0	2
60246542	INLET BOX SPECIAL, NO. 2	EACH	5	0	5
60255500	MANHOLES TO BE ADJUSTED	EACH	1	0	1
60255600	MANHOLES TO BE ADJUSTED (SPECIAL)	EACH	1	0	1
60500060	REMOVING INLETS	EACH	4	0	4
60600605	CONCRETE CURB, TYPE B	FOOT	528	0	528
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	198	0	198
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	4387	3178	1209
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	5815	3174	2441
60605500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (VARIABLE WIDTH GUTTER FLAG)	FOOT	134	0	134
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	72	0	72

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				60% ICC 40% LOCAL + FED J000-5B	100% LOCAL + FED J000-2A
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	119	0	119
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	14648	8482	6166
60623714	CONCRETE MEDIAN (SPECIAL)	SQ FT	300	0	300
60625900	P.C.C. RAMPED MEDIAN TERMINAL	EACH	6	0	6
60900515	CONCRETE THRUST BLOCKS	EACH	14	9	5
63000005	STEEL PLATE BEAM GUARD RAIL, TYPE B	FOOT	600	600	0
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1	0
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	3	3	0
63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	2	2	0
63400105	GUARD POSTS	EACH	5	0	5
63400205	GUARD POSTS REMOVAL	EACH	2	0	2
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	15	8	7
67100100	MOBILIZATION	L SUM	1	0.55	0.45
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	0	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	828	0	828
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	622	0	622
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	22211	8597	13614
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	838	0	838
70300280	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	551	0	551
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	510	0	510
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	10262	2866	7426
72000100	SIGN PANEL - TYPE 1	SQ FT	174	0	174
72000200	SIGN PANEL - TYPE 2	SQ FT	93	0	93
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	297	0	297
73000100	WOOD SIGN SUPPORT	FOOT	18	0	18
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	250	0	250
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	8765	0	8765
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	361	0	361
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	301	0	301
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	319	0	319
78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS & SYMBOLS	SQ FT	372	0	372
78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	7715	4774	2941
78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	980	0	980
78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	694	0	694
78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	275	0	275
78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	171	0	171
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	203	7	196
78200300	PRISMATIC CURB REFLECTOR	EACH	280	96	184
78200410	GUARDRAIL MARKERS, TYPE A	EACH	17	0	17
78200530	BARRIER WALL MARKERS, TYPE C	EACH	6	0	6
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	3	0	3
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	86	0	86
78300400	THERMOPLASTIC PAVEMENT MARKING REMOVAL	SQ FT	73	0	73
78300500	PAINT PAVEMENT MARKING REMOVAL	SQ FT	28	0	28
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	1	0
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	1	0
80500100	SERVICE INSTALLATION, TYPE A	EACH	2	0	2
81000500	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	75	75	0
81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	320	0	320
81012400	CONDUIT IN TRENCH, 1 1/4" DIA., PVC	FOOT	1804	0	1804
81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	30	0	30
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	50	0	50
81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	32	0	32
81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	147	0	147
81012900	CONDUIT IN TRENCH, 3 1/2" DIA., PVC	FOOT	68	0	68
81013000	CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	83	0	83