

**SUMMARY OF QUANTITIES
CONSTRUCTION TYPE CODE 0028**

Special Provision	PAY ITEM CODE	DESCRIPTION	UNIT	QUANTITY
*	20200100	EARTH EXCAVATION	CU YD	1217
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	200
	20800150	TRENCH BACKFILL	CU YD	70
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	70
	21301048	EXPLORATION TRENCH 48" DEPTH	FOOT	20
	25000200	SEEDING, CLASS 2	ACRE	2.3
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	196
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	196
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	196
	25100115	MULCH, METHOD 2	ACRE	2.3
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	500
	28000400	PERIMETER EROSION BARRIER	FOOT	1252
	28000500	INLET AND PIPE PROTECTION	EACH	13
	31101800	SUBBASE GRANULAR MATERIAL, TYPE B 10"	SQ YD	2749
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	460
	40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	85
	40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	5
	40603305	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	TON	440
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	4138
*	42400800	DETECTABLE WARNINGS	SQ FT	80
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	75
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	30
	50105220	PIPE CULVERT REMOVAL	FOOT	28
*	54209047	PIPE CULVERTS, SPECIAL 12"	FOOT	10
*	54205050	PIPE CULVERTS, SPECIAL 15"	FOOT	8
*	54205470	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 15"	FOOT	152
	60100925	PIPE DRAINS 8"	FOOT	304
	60100935	PIPE DRAINS 10"	FOOT	28
	60100955	PIPE DRAINS 15"	FOOT	372
	60108700	PIPE UNDERDRAINS, PERFORATED CORRUGATED STEEL PIPE 6"	FOOT	350
	60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	4
	60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	1
	60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1
	60265700	VALVE VAULTS TO BE ADJUSTED	EACH	5
	60266600	VALVE BOXES TO BE ADJUSTED	EACH	3
*	60605100	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (ABUTTING EXISTING PAVEMENT)	FOOT	30
	67100100	MOBILIZATION	L SUM	1
	72000100	SIGN PANEL - TYPE 1	SQ FT	115
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	328
Δ	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2864
Δ	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	222
Δ	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	160
Δ	81028260	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	14
Δ	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
Δ	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	394
Δ	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	408
Δ	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	523
Δ	87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL - 10 FT.	EACH	2
Δ	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	8
Δ	87900200	DRILL EXISTING HANDHOLE	EACH	2
Δ	88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
Δ	88800100	PEDESTRIAN PUSH-BUTTON	EACH	2
* Δ	89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
* Δ	X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1
* Δ	X6640555	CHAIN LINK FENCE, 5' (SPECIAL)	FOOT	883
* Δ	X8140102	GROUND EXISTING HANDHOLE	EACH	4
	20013798	CONSTRUCTION LAYOUT	L SUM	1
* Δ	20033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM - LEVEL 1	EACH	1
Δ		SPECIALTY ITEM		
*		SEE SPECIAL PROVISIONS		

SCHEDULE OF QUANTITIES

20800150	TRENCH BACKFILL	CU YD	
	LT. STA. 5+37		1
	LT. STA. 9+56		4
	LT. STA. 12+59		1
	LT. STA. 14+31		4
	LT. STA. 14+50		1
	LT. STA. 17+15		1
	LT. STA. 19+82		1
	LT. STA. 20+50		1
	LT. STA. 29+25 - LT. STA. 30+60		33
	LT. STA. 30+60		4
	LT. STA. 30+90		9
	LT. STA. 31+00		4
	LT. STA. 53+00		6
	TOTAL		70
21101615	TOPSOIL FURNISH AND PLACE, 4" PATRIOT DRIVE	SQ YD	
			70
	TOTAL		70
21301048	EXPLORATION TRENCH 48" DEPTH STA. 52+94	FOOT	
			20
	TOTAL		20
25000200	SEEDING, CLASS 2 EAST FAIRVIEW DRIVE IL RT. 23	ACRE	
			1.6
			0.4
	STORM SEWER EASEMENT PATRIOT DRIVE		0.2
			0.1
	TOTAL		2.3
25000400	NITROGEN FERTILIZER NUTRIENT EAST FAIRVIEW DRIVE IL RT. 23	POUND	
			144
			33
	STORM SEWER EASEMENT PATRIOT DRIVE		14
			5
	TOTAL		196
25000500	PHOSPHORUS FERTILIZER NUTRIENT EAST FAIRVIEW DRIVE IL RT. 23	POUND	
			144
			33
	STORM SEWER EASEMENT PATRIOT DRIVE		14
			5
	TOTAL		196
25000600	POTASSIUM FERTILIZER NUTRIENT EAST FAIRVIEW DRIVE IL RT. 23	POUND	
			144
			33
	STORM SEWER EASEMENT PATRIOT DRIVE		14
			5
	TOTAL		196
25100115	MULCH, METHOD 2 EAST FAIRVIEW DRIVE IL RT. 23	ACRE	
			1.6
			0.4
	STORM SEWER EASEMENT PATRIOT DRIVE		0.2
			0.1
	TOTAL		2.3

28000400	PERIMETER EROSION BARRIER	FOOT	
	LT. STA. 4+56 - LT. STA. 6+00		172
	LT. STA. 11+25 - LT. STA. 16+97		578
	LT. STA. 50+00 - LT. STA. 55+00		502
	TOTAL		1252
28000500	INLET AND PIPE PROTECTION	EACH	
	LT. STA. 5+45		1
	LT. STA. 20+50		1
	LT. STA. 12+48		1
	RT. STA. 12+45		1
	LT. STA. 14+00		1
	LT. STA. 14+43		1
	LT. STA. 17+27		1
	LT. STA. 19+92		1
	LT. STA. 20+76		1
	LT. STA. 25+00		1
	LT. STA. 28+50		1
	RT. STA. 30+50		1
	LT. STA. 30+66		1
	TOTAL		13
31101800	SUBBASE GRANULAR MATERIAL, TYPE B 10" PATRIOT DRIVE	SQ YD	
			2749
	TOTAL		2749
35101600	AGGREGATE BASE COURSE, TYPE B 4" RT. STA. 5+34	SQ YD	
			4
	LT. STA. 12+57		7
	RT. STA. 12+57		10
	LT. STA. 19+79		8
	STA. 50+00 - STA. 54+96.43		297
	RT. STA. 50+00		9
	STA. 60+00 - STA. 62+12		116
	TOTAL		460
40200800	AGGREGATE SURFACE COURSE, TYPE B LT. STA. 17+08	TON	
			21
	LT. STA. 20+50		7
	IL RT. 23		57
	LT. STA. 30+90		85
	TOTAL		85
40600200	BITUMINOUS MATERIALS (PRIME COAT) LT. STA. 5+34 - LT. STA. 32+64.8 (8' WIDTH)	TON	
			4.5
	LT. STA. 20+51		0.4
	LT. STA. 29+68		0.1
	TOTAL		5
40603305	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 LT. STA. 20+51	TON	
			423
	LT. STA. 20+51		14
	LT. STA. 29+68		3
	TOTAL		440

42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH LT. STA. 5+34	SQ FT	
			84
	RT. STA. 5+34		36
	LT. STA. 12+57		59
	RT. STA. 12+57		89
	LT. STA. 19+79		74
	STA. 50+00 - STA. 54+96.43		2669
	RT. STA. 50+00		81
	STA. 60+00 - STA. 62+12		1046
	TOTAL		4138
42400800	DETECTABLE WARNINGS LT. STA. 5+36	SQ FT	
			10
	RT. STA. 5+36		10
	LT. STA. 12+59		10
	RT. STA. 12+59		10
	LT. STA. 19+81		10
	RT. STA. 19+81		10
	RT. STA. 50+00		10
	RT. STA. 50+00		10
	TOTAL		80
44000200	DRIVEWAY PAVEMENT REMOVAL LT. STA. 20+51	SQ YD	
			68
	LT. STA. 29+68		7
	TOTAL		75
44000500	COMBINATION CURB AND GUTTER REMOVAL RT. STA. 50+00	FOOT	
			15
	RT. STA. 50+00		15
	TOTAL		30
50105220	PIPE CULVERT REMOVAL LT. STA. 20+51	FOOT	
			28
	TOTAL		28
54205047	PIPE CULVERTS, SPECIAL 12" RT. STA. 12+59	FOOT	
			10
	TOTAL		10
54205050	PIPE CULVERTS, SPECIAL 15" RT. STA. 5+37	FOOT	
			8
	TOTAL		8
60100925	PIPE DRAINS 8" LT. STA. 13+14 - LT. STA. 14+00	FOOT	
			86
	LT. STA. 28+50 - LT. STA. 30+66		218
	TOTAL		304
60100935	PIPE DRAINS 10" LT. STA. 30+50 - LT. STA. 30+66	FOOT	
			28
	TOTAL		28
60100955	PIPE DRAINS 15" LT. STA. 30+66 - RT. STA. 53+03	FOOT	
			372
	TOTAL		372
60108700	PIPE UNDERDRAINS, PERFORATED CORRUGATED STEEL PIPE 6" LT. STA. 25+00 - LT. STA. 28+50	FOOT	
			350
	TOTAL		350

60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE LT. STA. 14+00	EACH	
			1
	RT. STA. 25+00		1
	LT. STA. 28+50		1
	LT. STA. 30+50		1
	TOTAL		4
60240301	INLETS, TYPE B, TYPE 8 GRATE LT. STA. 30+66	EACH	
			1
	TOTAL		1
60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID STA. 13+14	EACH	
			1
	TOTAL		1
60265700	VALVE VAULTS TO BE ADJUSTED LT. STA. 5+32	EACH	
			1
	LT. STA. 6+52		1
	LT. STA. 19+73		1
	LT. STA. 23+13		1
	LT. STA. 26+93		1
	TOTAL		5
60266600	VALVE BOXES TO BE ADJUSTED LT. STA. 9+56	EACH	
			1
	LT. STA. 31+02		1
	LT. STA. 14+22		1
	TOTAL		3
60605100	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (ABUTTING EXISTING PAVEMENT) RT. STA. 50+00	FOOT	
			15
	RT. STA. 50+00		15
	TOTAL		30
54205470	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 15" LT. STA. 5+37	FOOT	
			18
	LT. STA. 12+59		20
	LT. STA. 14+50		22
	LT. STA. 17+08		36
	LT. STA. 19+81		20
	LT. STA. 20+51		4
	TOTAL		152
72000100	SIGN PANEL - TYPE 1 RT. STA. 4+32 (W11-2)	SQ FT	
			6.25
	RT. STA. 4+32 (W16-9P)		2
	RT. STA. 5+32 (W11-2)		6.25
	RT. STA. 5+32 (W16-7P)		2
	LT. STA. 5+41 (R1-1)		2.25
	LT. STA. 5+41 (OM3-L)		0.75
	LT. STA. 5+44 (W11-2)		6.25
	LT. STA. 5+44 (W16-7P)		2
	LT. STA. 6+01 (W3-1)		2.25