

SUMMARY OF QUANTITIES

CONTRACT NO. 97472

CODE NO.	CONSTRUCTION TYPE CODE	UNIT	TOTAL QUANTITY
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU. YD.	10
20800150	TRENCH BACKFILL	CU. YD.	4.1
25000115	SEEDING, CLASS 1B	ACRE	0.2
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	19
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	19
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	19
25100115	MULCH, METHOD 2	ACRE	0.2
28000500	INLET AND PIPE PROTECTION	EACH	3
31100300	SUBBASE GRANULAR MATERIAL, TYPE A4*	SQ. YD.	93
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	21
35400800	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8"	SQ. YD.	74
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	2
40600100	BITUMINOUS MATERIAL S (PRIME COAT)	GALLON	541
40600300	AGGREGATE (PRIME COAT)	TON	11
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	1
40600837	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N70	TON	400
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ. YD.	162
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ. YD.	231
40600990	TEMPORARY RAMP	SQ. YD.	46
40603540	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MX"D, N70	TON	454
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	10.3
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"	SQ. YD.	56
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"	SQ. YD.	167
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4"	SQ. FT.	4,790
42400800	DETECTABLE WARNINGS	SQ. FT.	237
44000100	PAVEMENT REMOVAL	SQ. YD.	68.2
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ. YD.	905
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ. YD.	310
44000300	CURB REMOVAL	FOOT	140
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1001
44000600	SIDEWALK REMOVAL	SQ. FT.	4598
44200934	CLASS B PATCHES, TYPE II, 8 INCH	SQ. YD.	320.9
44200942	CLASS B PATCHES, TYPE III, 8 INCH	SQ. YD.	75.2
44200944	CLASS B PATCHES, TYPE IV, 8 INCH	SQ. YD.	742.4
44201299	DOWEL BARS 1 1/2"	EACH	1216
44213100	PAVEMENT FABRIC	SQ. YD.	818
44213200	SAWCUTS	FOOT	3776
44213204	TIE BARS 3/4"	EACH	111
550A0010	STORM SEWERS, CLASS A, TYPE 1 4"	FOOT	29
55100100	STORM SEWER REMOVAL 4"	FOOT	5
55100500	STORM SEWER REMOVAL 12"	FOOT	23
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU. YD.	11
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	1
60240210	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	EACH	1
60266600	VALVE BOXES TO BE ADJUSTED	EACH	7
60300350	MANHOLE FRAMES TO BE ADJUSTED	EACH	1
60500080	REMOVING INLETS	EACH	2
60600605	CONCRETE CURB, TYPE B	FOOT	229
67100100	MOBILIZATION	L. SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	428
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	3265
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	749
70300280	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	190
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	66
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ. FT.	141
72000100	SIGN PANEL - TYPE 1	SQ. FT.	43.4
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	88
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3285
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	749
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	190
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	66
78300100	PAVEMENT MARKING REMOVAL	SQ. FT.	16
20012450	CONCRETE STEPS	CU. YD.	0.4
20056648	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	77
X0323389	STORM SEWER CONNECTION	EACH	3
X0327294	STORM SEWERS TO BE GROUTED	CU. YD.	0.4
X5091785	PIPE HANDRAIL, SPECIAL	FOOT	8
X8025600	MANHOLES TO BE ADJUSTED, (SPECIAL)	EACH	3
X8061700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)	FOOT	962
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L. SUM	1
X0008455	INLET BOX, SPECIAL	EACH	1

* DENOTES SPECIALTY ITEMS

STATION TO STATION	LENGTH (FEET)	WIDTH (FEET)	CLASS "B" PATCHES, 8 INCH (SQ. YD.)				PAVEMENT FABRIC	DOWEL BARS 1 1/2"	TIE BARS 3/4"	SAW CUTS
			TYPE I	TYPE II	TYPE III	TYPE IV				
12+81.03 - 13+13 LT.	32	VAR.				60.2	60.2	28	16	147
12+81.03 - 13+13 RT.	32	VAR.				58.2	58.2	28	16	113
13+29 - 13+37 RT.	8	16.5		14.7				28		73.5
13+38.50 - 13+47.50 LT.	9	16.5			16.5		16.5	28		76.5
13+75 - 13+81 RT.	6	16.5		11.0				28		67.5
13+75 - 13+81 LT.	6	16.5		11.0				28		61.5
14+08 - 14+14 LT.	6	16.5		11.0				28		67.5
14+60 - 14+72 RT.	12	16.5			22.0		22.0	28		85.5
14+78 - 14+84 LT.	6	16.5		11.0				28		67.5
14+78 - 14+84 RT.	6	16.5		11.0				28		61.5
15+06 - 15+28 RT.	22	16.5				40.3	40.3	28	11	115.5
15+50 - 15+56 LT.	6	16.5		11.0				28		67.5
15+50 - 15+56 RT.	6	16.5		11.0				28		61.5
15+75 - 15+81 LT.	6	16.5		11.0				28		67.5
15+88 - 15+95 RT.	7	16.5		12.8				28		70.5
16+00 - 16+22 LT.	22	16.5				40.3	40.3	28	11	115.5
16+07 - 16+14 RT.	7	16.5		12.8				28		70.5
16+41 - 16+61 LT.	20	16.5				36.7	36.7	28		109.5
16+42 - 16+81 RT.	39	16.5				71.5	71.5	28	19	88.5
16+74 - 16+91 LT.	17	16.5				31.1	31.1	28		100.5
17+14 - 17+21 LT.	7	16.5		12.8				28		70.5
17+43 - 17+50 LT.	7	16.5		12.8				28		70.5
17+44 - 17+50 RT.	6	16.5		11.0				28		61.5
17+77 - 17+84 RT.	7	16.5		12.8				28		70.5
18+39 - 18+45 LT.	6	16.5		11.0				28		61.5
18+39 - 18+45 RT.	7	16.5		12.8				28		70.5
18+75 - 18+84 LT.	9	16.5			16.5		16.5	28		67.5
18+75 - 18+86 RT.	11	16.5			20.2		20.2	28		82.5
18+97 - 19+13 RT.	16	16.5				29.3	29.3	28		97.5
19+07 - 19+13 LT.	6	16.5		11.0				28		61.5
19+39 - 19+45 LT.	6	16.5		11.0				28		67.5
19+74 - 19+80 RT.	6	16.5		11.0				28		67.5
21+03 - 21+09 LT.	6	15		10.0				24		63
21+27 - 21+33 LT.	6	15.5		10.3				28		64.5
21+44 - 21+77 LT.	33	VAR.				52.7	52.7	28	16	142
22+02 - 22+46 LT.	44	VAR.				181.7	181.7	42	22	231
22+02 - 22+46 RT.	44	VAR.				94.7	94.7	26	N/A	146
22+71 - 22+77 LT.	6	12		8.0				20		54
22+71 - 22+77 RT.	6	12		8.0				20		48
22+89 - 22+99 RT.	10	12		13.3				20		66
23+07 - 23+13 LT.	6	12		8.0				20		54
23+07 - 23+13 RT.	6	12		8.0				20		48
GEORGE ST. LT.	14.5	VAR.				33.4	33.4	24		89
GEORGE ST. RT.	14.5	VAR.				32.3	32.3	24		106
JOB ST. RT.	14	VAR.		10.1				10		61.5
CHURCH ST. RT.	6	16		10.7				14		66
TOTALS:			0.0	320.9	75.2	742.4	817.6	1216	111	3776

PAVEMENT PATCHING NOTES

1. LOCATION STATIONS ARE APPROXIMATE. ACTUAL LOCATIONS WILL BE MARKED BY THE ENGINEER DURING CONSTRUCTION.
2. WHERE EXISTING MANHOLES ARE LOCATED WITHIN A PAVEMENT PATCH, A PAVEMENT ROUNDOUT PER HIGHWAY STANDARD 420111 SHALL BE CONSTRUCTED IN THE PATCH. THE COST OF THE ROUNDOUT, CIRCULAR FORM TIE BARS AND REINFORCEMENT BARS SHALL BE INCLUDED IN THE COST OF MANHOLES TO BE ADJUSTED (SPECIAL). SEE THE SPECIAL PROVISIONS.
3. THE PATCHING SHOWN AT THE INTERSECTION OF PENCE STREET IS A LARGE AREA. THE CONTRACTOR SHALL CONSTRUCT THESE PATCHES AS SEPARATE PATCHES WITH JOINTS NO WIDER THAN 16 FEET.
3. PATCHES MAY BE POURED MONOLITHIC WITH ADJACENT CURB AND GUTTER OR P.C.C. BASE COURSE WIDENING.

BENCHMARK INFORMATION

SITE BENCHMARK:
R.R. SPIKE IN SOUTH SIDE OF PP @
N.W. CORNER OF MAIN ST. AND SHAMROCK
STA. 24+15±, ELEV. = 443.30

SURVEY CONTROL POINTS			
VERTICAL CONTROL (BENCH MARKS)			
CONTROL POINT	LOCATION	ELEVATION	DESCRIPTION
BM "1"	STA. 24+15±, 20.8'± LT.	443.30	TOP OF R.R. SPIKE P.P.
BM "10"	STA. 19+31±, 20.8'± LT.	443.17	TOP OF R.R. SPIKE P.P.
BM "11"	STA. 14+43±, 19.4'± LT.	441.70	TOP OF R.R. SPIKE P.P.
BM "12"	STA. 11+99±, 37.8'± RT.	432.82	"X" ON NORTH BOLT FH.

HORIZONTAL CONTROL				
CONTROL POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP #1000	807250.8040	2312494.8770	441.93*	TOP OF CUT CROSS
CP #1001	807284.4510	2312866.5830	439.19*	TOP OF CUT CROSS
CP #1010	807299.3270	2312291.2250	442.27*	TOP OF CUT CROSS
CP #1011	807148.2110	2312149.9860	441.36*	TOP OF CUT CROSS
CP #1012	807055.9080	2311954.1870	441.04*	TOP OF CUT CROSS
CP #1013	806887.9590	2311859.2150	442.54*	TOP OF CUT CROSS
CP #1014	806705.8460	2311562.1600	434.15*	TOP OF CUT CROSS
CP #1015	806597.2080	2311433.5300	429.12*	TOP OF CUT CROSS

* ELEVATIONS SHOULD BE CHECKED FROM A BENCHMARK.

REVISIONS

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VILLAGE OF EAST ALTON, ILLINOIS
SECTION 08-00045-00-PV
MAIN ST. - PHASE 2
SUMMARY OF QUANTITIES, CONTROL POINTS
AND PATCHING SCHEDULE

DWG. NO.
EA MAIN ST. PHS 2 SCHEDULES.DWG
REF. BK. - PG. -
JOB NO. 227832.1
DSN. BY: DEG
DWN. BY: CAD
CHK. BY: DEG
DATE: DEC., 2011
SCALE: NO SCALE
SHEET 3 OF 17