

SUMMARY OF QUANTITIES

CONTRACT NO. 97476

CODE NO.	CONSTRUCTION TYPE CODE ITEM	UNIT	TOTAL QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	36
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	20
20200100	EARTH EXCAVATION	CU YD	12,280
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	200
20800150	TRENCH BACKFILL	CU YD	1,860
25000115	SEEDING, CLASS 1B	ACRE	3.9
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	351
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	351
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	351
25000700	AGRICULTURAL GROUND LIMESTONE	TON	7.8
25100115	MULCH, METHOD 2	ACRE	3.9
25100630	EROSION CONTROL BLANKET	SQ YD	694
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	390
28000305	TEMPORARY DITCH CHECKS	FOOT	55
28000400	PERIMETER EROSION BARRIER	FOOT	4,742
28000500	INLET AND PIPE PROTECTION	EACH	50
28100205	STONE RIPRAP, CLASS A3	TON	21
28100207	STONE RIPRAP, CLASS A4	TON	418
28200200	FILTER FABRIC	SQ YD	732
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	15,266
30201500	LIME	TON	222
30201700	PORTLAND CEMENT	TON	282
31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	15,266
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	400
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	177
42001300	PROTECTIVE COAT	SQ YD	15,182
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	812.3
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	14,537
42400800	DETECTABLE WARNINGS	SQ FT	40
44000100	PAVEMENT REMOVAL	SQ YD	473
54210189	PIPE ELBOW, 24"	EACH	1
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1
54213672	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 27"	EACH	1
54215410	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 10"	EACH	2
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	948
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	165
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	55
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	80
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	113
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	371
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	453
550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	FOOT	400
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	764
550B0330	STORM SEWERS, CLASS B, TYPE 2 10"	FOOT	40
60218400	MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2
60219570	MANHOLES, TYPE A, 4' DIAMETER, TYPE 3V, FRAME AND GRATE	EACH	2
60222270	MANHOLES, TYPE A, 5' DIAMETER, TYPE 3V, FRAME AND GRATE	EACH	7
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	1
60255500	MANHOLES TO BE ADJUSTED	EACH	3
60262700	INLETS TO BE RECONSTRUCTED	EACH	1
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6-24	FOOT	6,226
60615400	PAVED DITCH, TYPE A-15	FOOT	172
63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	175
63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	1
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	13
67100100	MOBILIZATION	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	110
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	452.4
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	8,059
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	190
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	273
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	217
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	60
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	3,763
72000100	SIGN PANEL - TYPE 1	SQ FT	113
72000200	SIGN PANEL - TYPE 2	SQ FT	10
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	66
72900200	METAL POST - TYPE B	FOOT	174
78008200	POLYUREA PAVEMENT MARKING TYPE 1 - LETTERS AND SYMBOLS	SQ FT	452.4
78008210	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4"	FOOT	8,059
78008230	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6"	FOOT	190
78008240	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 8"	FOOT	273
78008250	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12"	FOOT	217
78008270	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 24"	FOOT	60
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	163
78200300	PRISMATIC CURB REFLECTOR	EACH	12
78200410	GUARDRAIL MARKERS, TYPE A	EACH	5
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	1
20036200	PAINT CURB	FOOT	64
20056648	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	30
20056672	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 24"	FOOT	185
LR420029	PORTLAND CEMENT CONCRETE PAVEMENT 8" (SPECIAL)	SQ YD	13,132
XX008455	INLET BOX, SPECIAL	EACH	4
X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	1
X6020074	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	EACH	15
X6020075	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	EACH	16
X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1
20076690	TRAINERS	HOUR	500

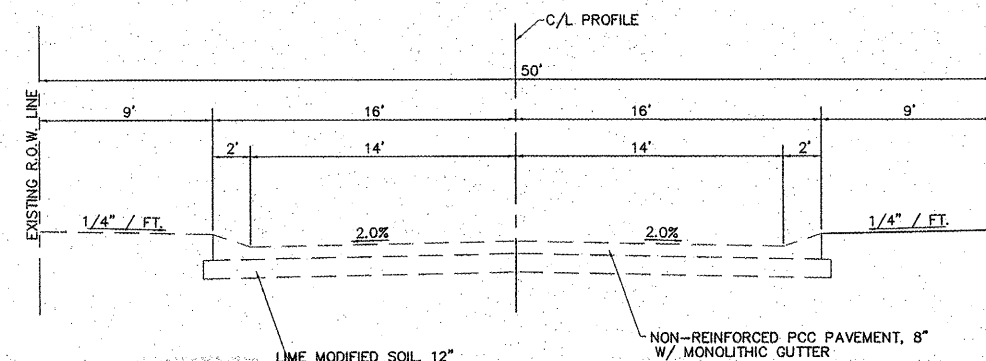
* SPECIALTY ITEMS
A 0042

SURVEY CONTROL POINTS				
VERTICAL CONTROL				
CONTROL POINT	LOCATION	ELEVATION	DESCRIPTION	
BM "A"	STA. 227+51.73, 40.14' LT.	618.30	R.R. SPIKE P.P.	
BM "B"	STA. 213+39.35, 110.03' LT.	611.52	TOP FIRE HYDRANT	
BM "C"	STA. 180+21.20, 167.37' RT.	596.86	R.R. SPIKE P.P.	
BM "D"	STA. 148+73.15, 888.54' RT.	599.43	R.R. SPIKE P.P.	
HORIZONTAL CONTROL				
CONTROL POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP #125	838,236.3970	2,288,914.8280	617.80*	REBAR
CP #126	838,235.0520	2,288,226.0110	615.26*	PINCH PIPE
CP #127	838,161.9770	2,287,865.6970	612.16*	REBAR
CP #128	838,163.5130	2,287,555.5510	612.21*	REBAR
CP #129	838,169.1000	2,286,431.7270	605.07*	REBAR
CP #130	838,172.9640	2,285,656.3490	595.11*	X
CP #153	838,211.7990	2,288,900.7520	616.96*	X
CP #154	838,165.9480	2,287,055.5890	609.56*	REBAR FND.
CP #155	838,176.6020	2,286,511.5990	605.61*	REBAR W/CAP SET
CP #156	838,273.9080	2,286,036.1990	600.79*	REBAR W/CAP
CP #157	838,279.4280	2,285,665.5520	595.84*	X
CP #158	838,172.5720	2,285,232.6840	598.06*	REBAR W/CAP
CP #159	838,168.9640	2,284,726.7480	594.22*	REBAR W/CAP
CP #160	838,156.7410	2,284,296.4910	595.02*	REBAR W/CAP
CP #161	838,147.5480	2,283,922.6100	594.47*	X
CP #162	838,135.1560	2,283,410.8730	592.55*	X
CP #164	838,124.7180	2,288,883.6800	620.69*	REBAR W/CAP
CP #165	838,056.1680	2,288,651.9890	619.24*	REBAR W/CAP
CP #166	838,163.6310	2,288,323.3030	615.41*	REBAR W/CAP
CP #167	837,301.0390	2,283,846.4830	591.60*	X
CP #168	837,286.2880	2,282,896.6520	586.45*	X
CP #169	837,248.0530	2,282,102.1570	596.60*	X
CP #170	837,165.2980	2,281,250.4540	608.43*	X
CP #171	836,509.9480	2,281,648.3930	604.20*	REBAR W/CAP
CP #172	837,538.9110	2,280,862.9090	613.71*	REBAR W/CAP
CP #173	837,841.9880	2,281,689.0820	603.01*	X
CP #174	837,985.7840	2,282,246.9700	596.96*	X
CP #175	837,288.8600	2,283,019.9230	585.88*	X
CP #5476	837,928.0380	2,289,085.7070	611.32*	REBAR W/CAP
CP #5950	837,928.0334	2,289,085.7098	611.32*	X
CP #12530	838,341.2320	2,288,285.6060	614.17*	HUB & TAC SET
CP #12802	838,549.6100	2,288,836.8460	618.40*	PK NAIL SET
CP #12822	838,540.1550	2,289,092.1130	616.34*	HUB & TAC SET

* ELEVATIONS SHOULD BE CHECKED FROM A BENCHMARK.

EARTHWORK SCHEDULE					
LOCATION	EARTH EXCAVATION (CU) (CU. YD.)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE * (CU. YD.)	EMBANKMENT (FILL) (CU. YD.)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU. YD.)	FURNISHED EXCAVATION (CU. YD.)
STA. 193+55 TO STA. 201+84.99	3,060	2,295	1,550	745	
STA. 201+84.99 TO STA. 213+08.47	3,159	2,369	964	1,405	
STA. 213+08.47 TO STA. 225+50	6,061	4,546	358	4,188	
TOTAL:	12,280	9,210	2,872	6,338	0

* ASSUME SHRINKAGE FACTOR = 25%



EXISTING TYPICAL SECTION
SIDE ROADS
SCENIC BYWAYS LANE STA. 5+78
RIVERSLAND PARKWAY (SOUTH) STA. 4+47 TO STA. 5+80

REVISIONS

Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
215 Market Street, P.O. Box E, Alton, IL 62002 618462-2755 E-mail: mail@smgsurvey.com
10 Central Industrial Drive, Granite City, IL 62040 618877-5700 E-mail: mail@smgsurvey.com
DESIGN FIRM # 184-000962

VILLAGE OF GODFREY, ILLINOIS
SECTION 04-00019-00-PV
CROSSTOWN ROAD - PHASE 1 A
SUMMARY OF QUANTITIES, SURVEY CONTROL DATA
& EXISTING TYPICAL SECTIONS

DWG. NO.
SUM QUAN, GEN NOTES.dwg
REF. BK. -- PG. --
JOB NO. 237334
DSN. BY: DEG
DWN. BY: CAD
CHK. BY: DEG
DATE: APRIL, 2011
SCALE: AS SHOWN
SHEET 3 OF 38