

SUMMARY OF QUANTITIES

PAY ITEM	DESCRIPTION	UNIT	TOTAL	ROADWAY	SIGNALS
20200500	EARTH EXCAVATION (WIDENING)	CU YD	388.1	388.1	
20400800	FURNISHED EXCAVATION	CU YD	877.3	877.3	
20800150	TRENCH BACKFILL	CU YD	104.4	104.4	
25000210	SEEDING, CLASS 2A	ACRE	1.3	1.3	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	117	117	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	117	117	
25000800	POTASSIUM FERTILIZER NUTRIENT	POUND	117	117	
25100115	MULCH, METHOD 2	ACRE	1.3	1.3	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	811.0	811.0	
28000305	TEMPORARY DITCH CHECKS	FOOT	3	3	
28000400	PERIMETER EROSION BARRIER	FOOT	2740	2740	
28000500	INLET AND PIPE PROTECTION	EACH	13	13	
31000800	PROCESSING LIME STABILIZED SOIL MIXTURE 12"	SQ YD	3713	3713	
31001500	LIME	TON	77	77	
35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	3083	3083	
40800100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	4	4	
42000400	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	2400	2400	
42001185	BRIDGE APPROACH PAVEMENT	SQ YD	57	57	
42001200	PAVEMENT FABRIC	SQ YD	2400	2400	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	110	110	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	755	755	
42400800	DETECTABLE WARNINGS	SQ FT	44	44	
44000100	PAVEMENT REMOVAL	SQ YD	155	155	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	135	135	
44000300	CURB REMOVAL	FOOT	436	436	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1007	1007	
44000800	SIDEWALK REMOVAL	SQ FT	834	834	
44003100	MEDIAN REMOVAL	SQ FT	1953	1953	
44004250	PAVED SHOULDER REMOVAL	SQ YD	1724	1724	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	107	107	
48203033	HOT-MIX ASPHALT SHOULDERS, 9"	SQ YD	881	881	
54248510	CONCRETE COLLAR	CU YD	2.7	2.7	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	18	18	
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	335	335	
55100500	STORM SEWER REMOVAL 12"	FOOT	402	402	
54213880	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	1	
60100080	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	1	1	
60100845	PIPE DRAINS 12"	FOOT	60	60	
60107700	PIPE UNDERDRAINS 6"	FOOT	1887	1887	
60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	3	3	
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	1	1	
60235800	INLETS, TYPE A, TYPE 4 FRAME AND GRATE	EACH	4	4	
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	1	1	
60260400	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1	
60500080	REMOVING INLETS	EACH	11	11	
60803500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-8.06	FOOT	110	110	
60805000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-8.24	FOOT	581	581	
60518300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	207	207	
60825900	P.C.C. RAMPED MEDIAN TERMINAL	EACH	8	8	
60800140	TYPE B INLET BOX STANDARD 608008	EACH	1	1	
60800315	TYPE D INLET BOX STANDARD 608008	EACH	1	1	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	396	396	
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	2	
* 63100187	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2	
63200310	GUARDRAIL REMOVAL	FOOT	472	472	
68101180	HOT-MIX ASPHALT SHOULDER CURB	FOOT	542	542	
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
70102822	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	0.25	0.75
70102835	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	

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PAY ITEM	DESCRIPTION	UNIT	TOTAL	ROADWAY	SIGNALS
70102840	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	62	62	
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	191.7	191.7	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	3135	3135	
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	447	447	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	344	344	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	181	181	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2231.8	2231.8	
72000100	SIGN PANEL - TYPE 1	SQ FT	28.3	28.3	
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	12.6	12.6	
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	24.2	24.2	
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	15.3	15.3	
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	84	84	
73000100	WOOD SIGN SUPPORT	FOOT	125	125	
73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	5	5	
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	191.7	191.7	
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	3135	3135	
* 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	447	447	
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	344	344	
* 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	181	181	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	48	48	
* 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	8	8	
* 78200300	PRISMATIC CURB REFLECTOR	EACH	60	60	
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	8	8	
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2	
78300100	PAVEMENT MARKING REMOVAL	SQ FT	1978	1978	
* 81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	148		148
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	587		587
* 81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	878		878
* 81400100	HANDHOLE	EACH	8		8
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	6075		6075
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1944		1944
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	5488		5488
* 87301800	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	818		818
* 87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	884		884
* 87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	2		2
* 87700200	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1		1
* 87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1		1
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6		6
* 87800415	CONCRETE FOUNDATION, TYPE E 38-INCH DIAMETER	FOOT	22		22
* 87900200	DRILL EXISTING HANDHOLE	EACH	10		10
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	2		2
* 88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2		2
* 88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2		2
* 88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, BRACKET MOUNTED	EACH	4		4
* 88040330	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 2-3-SECTION, BRACKET MOUNTED	EACH	2		2
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	17		17
* 88800100	DETECTOR LOOP, TYPE I	FOOT	5473		5473
* 88800100	RELOCATE EXISTING SIGNAL HEAD	EACH	14		14
* 88802200	MODIFY EXISTING CONTROLLER	EACH	1		1
* 88802350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	1178		1178
* 88802375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3		3
* 88802380	REMOVE EXISTING HANDHOLE	EACH	2		2
* 88802385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2		2
X0301271	REMOVE EXISTING UNDERDRAINS	FOOT	1877		1877
X0328657	RELOCATE SIGN, SPECIAL	EACH	4		4
X8016000	REMOVE CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	1		1
Z0036200	PAINT CURB	FOOT	542		542
Z0078800	TRANEES	HRS	500		500

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\* SPECIALTY ITEM

F.A.U. RTE.	SECTION	COUNTY
8170	08-00333-12-PW	ST. CLAIR
ILLINOIS	CONTRACT NO. 97492	

SHEET NO.  
3 of 55

Job No. 088-09  
Scale: NTS  
Drawn by: BEC  
Design by: BEC  
Approved by: CMB  
File Name: Shiloh Plans

ISSUE RECORD  
DATE

Corporate Engineering Certificate # 000381  
4/20/12

**CBB** Crawford, Bunte, Brammeyer  
Traffic and Transportation Engineers  
St. Louis, Missouri/Clair Carbon, Illinois  
314-878-6644 618-656-2612  
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SUMMARY OF QUANTITIES  
N. GREEN MOUNT ROAD & I-64  
E.B. RAMP, W.B. RAMP & REGENCY PARK/PIERCE BLVD  
SHILOH, ILLINOIS