

SUMMARY OF QUANTITIES

PAY ITEM	DESCRIPTION	UNIT	TOTAL	ROADWAY	SIGNALS
20200500	EARTH EXCAVATION (WIDENING)	CU YD	443.9	443.9	
20400800	FURNISHED EXCAVATION	CU YD	677.3	677.3	
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	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	117	117	
25100115	MULCH, METHOD 2	ACRE	1.3	1.3	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	611.0	611.0	
28000305	TEMPORARY DITCH CHECKS	FOOT	3	3	
28000400	PERIMETER EROSION BARRIER	FOOT	2740	2740	
28000500	INLET AND PIPE PROTECTION	EACH	12	12	
31000600	PROCESSING LIME STABILIZED SOIL MIXTURE 12"	SQ YD	3713	3713	
31001500	LIME	TON	77	77	
35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	3063	3063	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	4	4	
42000400	PORTLAND CEMENT CONCRETE PAVEMENT 9"	SQ YD	2400	2400	
42001165	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	
44000600	SIDEWALK REMOVAL	SQ FT	934	934	
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	681	681	
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	
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	1	
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	1	1	
60100945	PIPE DRAINS 12"	FOOT	60	60	
60107700	PIPE UNDERDRAINS 6"	FOOT	1667	1667	
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	
60500060	REMOVING INLETS	EACH	11	11	
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.08	FOOT	110	110	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	581	581	
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	207	207	
60625900	P.C.C. RAMPED MEDIAN TERMINAL	EACH	8	8	
60900140	TYPE B INLET BOX, STANDARD 609006	EACH	1	1	
60900315	TYPE D INLET BOX, STANDARD 609006	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	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2	
63200310	GUARDRAIL REMOVAL	FOOT	472	472	
66101150	HOT-MIX ASPHALT SHOULDER CURB	FOOT	542	542	
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	0.25	0.75
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	

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70102640	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	78.0	78.0	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	3718	3718	
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	193	193	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2334.5	2334.5	
72000100	SIGN PANEL - TYPE 1	SQ FT	26.3	26.3	
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	94	94	
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	78.0	78.0	
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	3718	3718	
* 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	193	193	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	49	49	
* 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	146	146	
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	597	597	
* 81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	979	979	
* 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	5468	5468	
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	819	819	
* 87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	984	984	
* 87502700	TRAFFIC SIGNAL POST, ALUMINUM 18 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 36-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, 1-5-SECTION, BRACKET MOUNTED	EACH	4	4	
* 88040330	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 2-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	2	2	
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	17	17	
* 88600100	DETECTOR LOOP, TYPE 1	FOOT	5473	5473	
* 89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	14	14	
* 89502200	MODIFY EXISTING CONTROLLER	EACH	1	1	
* 89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	1179	1179	
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3	3	
* 89502380	REMOVE EXISTING HANDHOLE	EACH	2	2	
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2	2	
X0301271	REMOVE EXISTING UNDERDRAINS	FOOT	1677	1677	
X0326857	RELOCATE SIGN, SPECIAL	EACH	4	4	
X015000	REMOVE CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	1	1	
20036200	PAINT CURB	FOOT	542	542	
20078600	TRAINEES	HRS	500	500	

* SPECIALTY ITEM

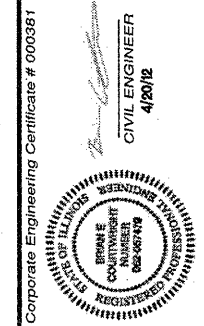
F.A.U. RTE.	SECTION	COUNTY
9170	08-00333-12-PW	ST. CLAIR
ILLINOIS	CONTRACT NO. 97492	

SHEET NO.
3 OF 55

Job No. 066-09
Scale: NTS
Drawn by: BEC
Design by: BEC
Approved by: CMB

File Name: Shloh Plans

ISSUE RECORD	DATE	DESCRIPTION
	PS&E 4/20/12	
	ADDENDUM 6/1/12	



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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

Δ 0042

Job No. 066-09
Scale: NTS
Drawn by: BEC
Design by: BEC
Approved by: CMB
File Name: Shiloh Plans

REMOVAL SCHEDULE													
STA to STA	LT/RT	PAVEMENT REMOVAL (SQ YDS)	PAVED SHOULDER REMOVAL (SQ YDS)	MEDIAN REMOVAL (SQ FT)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	REMOVE EXISTING UNDERDRAINS (FT)	CURB REMOVAL (FT)	COMB CURB AND GUTTER REMOVAL (FT)	GUARDRAIL REMOVAL (FT)	SIDEWALK REMOVAL (SQ FT)	REMOVING INLETS (EA)	STORM SEWER REMOVAL 12" (FT)	REMOVE CONCRETE HEADWALLS FOR PIPE DRAINS (EA)
355+80.56 to 359+22.10	RT		369			342	233		229		1	16	
359+31.03	RT	13									1	12	
362+41.92	RT	19									1	12	
362+60.84 to 365+84.68	RT		362			324							
WB I-64 OFF RAMP	RT			185				38		38			
366+92.12 to 370+39.30	RT		268			348							
EB I-64 OFF RAMP	LT			216				186		186			
355+80.48 to 359+43.73	LT		402			364							1
359+60.85	LT	10									1	12	
362+79.14	LT	15									1	13	
362+83.22 to 365+81.62	LT		323			299	203		243		1	16	
REGENCY SOUTH ISLAND	LT			921				84					
REGENCY NORTH ISLAND	LT			631				69					
377+02.69 to 378+58.75	LT	98						117		637	1		
378+58.75	LT				135			69					
378+58.75 to 383+02.69	LT							444		73	4	321	
TOTAL		155	1724	1953	135	1677	436	1007	472	934	11	402	1

PAVEMENT MARKING REMOVAL SCHEDULE					
STA to STA	LT/RT	4" SWL (SQ FT)	6" SWL (SQ FT)	12" SWL (SQ FT)	L&S (SQ FT)
351+64.04 to 355+15.09	RT	116			36
355+90.10 to 365+78.33	RT	327			
WB I-64 OFF RAMP	RT		50	116	
366+90.50 to 370+39.30	RT	117			
351+64.04 to 354.71.46	LT	97		100	
EB I-64 OFF RAMP	LT		52	68	
355+91.02 to 359+43.59	LT	116			
359+43.59 to 362+83.22	LT	114			
362+83.22 to 365+81.97	LT	33			
369+43.35 to 372+46.40	LT	202		33	31
REGENCY SOUTH ISLAND	LT		81	34	
REGENCY NORTH ISLAND	LT		35	31	
374+38.48 to 376+72.19	LT	78			47
SUB-TOTAL		1264	218	382	114
TOTAL				1978	

ISSUE RECORD
DATE PS&E 4/20/12
ADDENDUM 6/1/12

PAVING SCHEDULE														
STA to STA	LT/RT	LIME (TON)	PROCESSING LIME STABILIZED SOIL MIXTURE 12" (SQ YDS)	AGGREGATE BASE COURSE, TYPE A 4" (SQ YDS)	PAVEMENT FABRIC (SQ YDS)	PORTLAND CEMENT CONCRETE PAVEMENT 9" (SQ YDS)	BRIDGE APPROACH PAVEMENT (SQ YDS)	HOT-MIX ASPHALT SHOULDERS, 9" (SQ YDS)	AGG SHLDR WEDGE T-5 (TON)	PIPE UNDERDRAINS 6" (FT)	CONCRETE HEADWALLS FOR PIPE DRAINS (EA)	BIT. MAT'L (P.C.) (GAL)	HMA SHOULDER CURB (FT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (FT)
355+81.36 to 359+22.10	RT	12	577	411	355	355	13	148	22	341		2	330	
362+60.84 to 365+83.68	RT	11	552	390	337	337	19	144	21	323				
WB I-64 OFF RAMP ISLAND		1	14	14	14	14								
366+92.12 to 370+39.30	RT	9	448	272	214	214		158	22	348				
EB I-64 OFF RAMP ISLAND		1	17	17	17	17								
355+80.48 to 359+43.73	LT	13	639	457	397	397	10	162	23	364	1			
362+83.22 to 365+73.73	LT	11	569	484	436	436	15	69	19	291	2	212		
REGENCY SOUTH ISLAND		2	80	80	80	80								
REGENCY NORTH ISLAND		2	60	60	60	60								
377+02.69 to 383+02.69	LT	15	757	757	480	480								511
TOTAL		77	3713	2942	2400	2400	57	681	107	1667	1	4	542	511

CONVERSION FACTORS
LIME 0.001695 tons/sq/in
AGG 0.056 tons/sq/in

ENTRANCE SCHEDULE			
STA	LT/RT	AGGREGATE BASE COURSE, TYPE A 4" (SQ YDS)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (FT)
378+58.75	LT	121	70
TOTAL		121	70

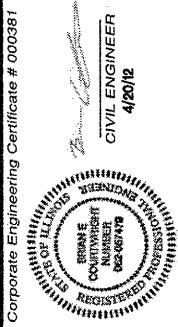
GUARDRAIL SCHEDULE						
STA to STA	LT/RT	SPBGR TY A 6FT POSTS (FT)	TR BAR TRM T1 SPL TAN (EA)	TRAF BAR TERM T6 (EA)	GUARDRAIL MARKERS, TYPE A (EA)	TERMINAL MARKER-DIRECT APPLIED (EA)
356+83.19 to 359+33.11	RT	204	1	1	4	1
365+00.00 to 370+39.30	RT	192	1	1	4	1
TOTAL		396	2	2	8	2

SIDEWALK SCHEDULE			
STA to STA	LT/RT	P.C CONC SIDEWALK 4 (SQ FT)	DETECTABLE WARNINGS (SQ FT)
377+02.69 to 378.58.75	RT	683	22
378.58.75 to 379.03.04	RT	72	22
TOTAL		755	44

ISLAND MODIFICATION SCHEDULE			
LOCATION	COMB CC&G TB6.06 (FT)	CONC MEDIAN SURF 4" (SQ FT)	P.C.C. RAMPED MEDIAN TERMINAL (EA)
WB I-64 OFF RAMP	18	26	2
EB I-64 OFF RAMP	38	29	2
REGENCY SOUTH ISLAND	35	116	2
REGENCY NORTH ISLAND	19	34	2
TOTAL	110	207	8

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

Corporate Engineering Certificate # 000381



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SCHEDULE OF QUANTITIES
N. GREEN MOUNT ROAD & I-64
E.B. RAMP, W.B. RAMP & REGENCY PARK/PIERCE BLVD
SHILOH, ILLINOIS

Job No. 066-09
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PAVEMENT MARKING SCHEDULE table with columns for STA, POLYUREA PM T1 LN, PAINT CURB, PRISMATIC CURB, RAISED REFL PAVT MKR, RAISED REF PVT MKR BR.

TEMPORARY PAVEMENT MARKING SCHEDULE table with columns for LINE 4", LINE 8", LINE 12", LINE 24", L&S, W.Z PAVT MRK REMOVAL.

SIGNING SCHEDULE table with columns for STA, REMOVE EX SIGN PANEL, RELOCATE SIGN PANEL, RELOCATE SIGN PANEL ASSEMBLY, RELOCATE SIGN, SPECIAL, TELESCOPING STEEL SIGN SUPPORT, SIGN POSTS, WOOD SIGN SUPPORT, DESCRIPTION.

EARTHWORK table with columns for STA to STA, UNADJUSTED EXCAVATION, EXCAVATION ADJUSTED FOR 25% SHINKAGE, EMBANKMENT, EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-).

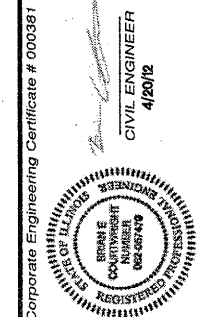
EROSION CONTROL SCHEDULE table with columns for STA to STA, SEEDING, NITROGEN, PHOSPHORUS, POTASSIUM, MULCH, TEMPORARY EROSION CONTROL SEEDING, PERIMETER EROSION BARRIER, INLET AND PIPE PROTECTION, TEMPORARY DITCH CHECKS.

CONVERSION FACTORS
NUTRIENTS = 90 LBS/AC
TEMP SEEDING; ASSUME 10% OF SEEDED AREA WILL NEED TO BE REPLACED ONCE A WEEK FOR 52 WEEKS

DRAINAGE SCHEDULE table with columns for STA, OFFSET, PIPE DRAINS, TYPE B INLET BOX, TYPE D INLET BOX, INLETS, TYPE A, INLETS, TYPE A, INLETS, TYPE B, MANHOLES, PCC END SECTION, STORM SEWERS, STORM SEWERS, INLETS TO BE ADJUSTED, CONCRETE COLLAR, TRENCH BACKFILL.

F.A.U. RTE. SECTION COUNTY table with values 9170, 08-00333-12-PW, ST. CLAIR ILLINOIS, CONTRACT NO. 97492

ISSUE RECORD table with columns for DATE, PS&E, ADDENDUM.



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