

SUMMARY OF QUANTITIES CONSTRUCTION TYPE CODE X071-2A			
CODE NO.	ITEM	UNIT	QUANTITY
20100500	TREE REMOVAL, ACRES	ACRE	0.2
20200100	EARTH EXCAVATION	CU. YD.	1,090
20400800	FURNISHED EXCAVATION	CU. YD.	850
20700400*	POROUS GRANULAR EMBANKMENT, SPECIAL	CU. YD.	116
25001000*	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.5
28000305*	TEMPORARY DITCH CHECKS	FOOT	100
28100109	STONE RIPRAP, CLASS A5	SQ. YD.	425
28102600*	STONE RIPRAP DITCH	TON	73
28200200	FILTER FABRIC	SQ. YD.	425
35501316	HOT MIX ASPHALT BASE COURSE, 8"	SQ. YD.	189
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	132
40600982	HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ. YD.	391
40603080	HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	87
40603335	HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	78
42001165	BRIDGE APPROACH PAVEMENT	SQ. YD.	147
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ. YD.	29
48203100	HOT MIX ASPHALT SHOULDERS	TON	205
50100100*	REMOVAL OF EXISTING STRUCTURES	EACH	1
50104650	SLOPE WALL REMOVAL	SQ. YD.	260
50200100	STRUCTURE EXCAVATION	CU. YD.	139
50200400	ROCK EXCAVATION FOR STRUCTURES	CU. YD.	10.2
50300225*	CONCRETE STRUCTURES	CU. YD.	237.9
50300255	CONCRETE SUPERSTRUCTURE	CU. YD.	238.1
50300260	BRIDGE DECK GROOVING	SQ. YD.	889
50300265	SEAL COAT CONCRETE	CU. YD.	2.9
50300280	CONCRETE ENCASEMENT	CU. YD.	2.5
50300300	PROTECTIVE COAT	SQ. YD.	923
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	LSUM	1
50500505	STUD SHEAR CONNECTORS	EACH	4,784
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	74,850
50800515	BAR SPLICERS	EACH	968
Δ 50901050	STEEL RAILING, TYPE SM	FOOT	445
51201600	FURNISHING STEEL PILES HP 12x53	FOOT	210
51201710	FURNISHING STEEL PILES HP 12x84	FOOT	468
51202305	DRIVING PILES	FOOT	210

\* SEE SPECIAL PROVISIONS

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CODE NO.	ITEM	UNIT	QUANTITY
51205200	TEMPORARY SHEET PILING	SQ. FT.	126
51500100	NAME PLATES	EACH	1
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE 1	EACH	12
52100530	ANCHOR BOLTS, 1 1/4"	EACH	48
59100100	GEOCOMPOSITE WALL DRAIN	SQ. YD.	77
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	136
60617900*	PAVED FLUME	SQ. YD.	13
Δ 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' FOOT POSTS	FOOT	75
Δ 63100087*	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4
Δ 63100167*	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4
63200310	GUARDRAIL REMOVAL	FOOT	381
67100100	MOBILIZATION	LSUM	1
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1
Δ 70106500*	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1
70400100	TEMPORARY CONCRETE BARRIER	FOOT	746
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	746
Δ 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	2,300
X0323988*	TEMPORARY SOIL RETENTION SYSTEM	SQ. FT.	154
X0326301*	SETTING AND DRIVING PILES IN ROCK	EACH	12
X5020501*	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 1	EACH	1
X5020502*	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 2	EACH	1
Z0013798*	CONSTRUCTION LAYOUT	LSUM	1
Z0030250*	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2
Z0030350*	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2

\* SEE SPECIAL PROVISIONS  
Δ SPECIALTY ITEMS

**GUARDRAIL SCHEDULE**

TRAFFIC BARRIER TERMINAL, TY. 6A  
 LT. STA. 124+87.08 TO 125+33.66 = 1 EACH  
 RT. STA. 124+87.08 TO 125+33.66 = 1 EACH  
 LT. STA. 127+50.33 TO 127+96.91 = 1 EACH  
 RT. STA. 127+50.33 TO 127+96.91 = 1 EACH  
 TOTAL = 4 EACH

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT  
 LT. STA. 124+37.08 TO 124+87.08 = 1 EACH  
 RT. STA. 123+62.08 TO 124+12.08 = 1 EACH  
 LT. STA. 127+96.91 TO 128+46.91 = 1 EACH  
 RT. STA. 127+96.91 TO 128+46.91 = 1 EACH  
 TOTAL = 4 EACH

STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' FOOT POSTS  
 RT. STA. 124+12.08 TO 124+87.08 = 75 FOOT  
 TOTAL = 75 FOOT

GUARDRAIL REMOVAL  
 LT. STA. 124+39.2 TO 125+27.9 = 89 FOOT  
 RT. STA. 124+13.9 TO 125+27.7 = 114 FOOT  
 LT. STA. 127+39.8 TO 128+53.7 = 114 FOOT  
 RT. STA. 127+39.9 TO 128+04.0 = 64 FOOT  
 TOTAL = 381 FOOT

**TREE REMOVAL**

TREES WITHIN THE R.O.W. THAT INTERFERE WITH CONSTRUCTION SHALL BE REMOVED ONLY AT THE DIRECTION OF THE ENGINEER.  
 LT. STA. 123+73 TO 125+28 = 0.02 ACRE  
 RT. STA. 123+73 TO 125+18 = 0.13 ACRE  
 RT. STA. 127+83 TO 128+27 = 0.01 ACRE  
 LT. STA. 127+41 TO 127+77 = 0.01 ACRE  
 TOTAL = 0.17 ACRE

TREE REMOVAL, ACRES = 0.20 ACRE

**PAVEMENT MARKING SCHEDULE**

EPOXY PAVEMENT MARKING LINE 4"

STA. 123+25 TO 129+00

WHITE EDGE LINES (SOLID) = 1,150 FOOT  
 YELLOW CENTER LINES (SOLID) = 1,150 FOOT  
 TOTAL = 2,300 FOOT

**GENERAL NOTES**

WHERE SECTION AND SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY AND EASEMENTS AS DIRECTED BY THE ENGINEER.

SEEDING, CLASS 2 (SPECIAL) = 0.5 ACRES

ALL TREES THAT INTERFERE WITH CONSTRUCTION WITHIN THE R.O.W. AND EASEMENTS SHALL BE REMOVED ONLY AT THE DIRECTION OF THE ENGINEER.

THE COST OF REMOVAL OF ANY OBSTRUCTIONS OR CULVERTS NOT OTHERWISE INCLUDED IN REMOVAL OF EXISTING STRUCTURES WHICH INTERFERE WITH CONSTRUCTION WILL BE CONSIDERED INCIDENTAL TO THE COST OF EARTH EXCAVATION.

ALL PLAN ELEVATIONS REPRESENT U.S.G.S. DATUM.

SHEET TITLE		PROJECT NO.	
SUMMARY OF QUANTITIES & GENERAL NOTES		05042	
PROJECT		SCALE	
SECTION 05-00039-03-BR COUNTY HIGHWAY C29 GRUNDY COUNTY STATION 126+42		DATE 8/27/09	
		DRAWN BY MRL	
		CHECKED BY MCB	
		DRAWING NO.	
COOMBE-BLOXDORF P.C. Engineers / Land Surveyors Springfield, Illinois Design Firm License No. 184-002703		2	
		OF 33 SHTS	