

HURST-ROSCHKE ENGINEERS, INC.
HILLSBORO, ILLINOIS 62049
(217)532-3959 FAX (217)532-3212

HR
HURST-ROSCHKE
ENGINEERS, INC.

SUMMARY OF QUANTITIES				RURAL TWO-LANE ROADWAY 80% FEDERAL 20% STATE	
CODE NO.	ITEM	UNIT	TOTAL	X071-2A	
20200100	EARTH EXCAVATION	CU YD	5	5	
20300100	CHANNEL EXCAVATION	CU YD	2010	2010	
20400800	FURNISHED EXCAVATION	CU YD	50	50	
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	105	105	
25000210	• SEEDING, CLASS 2A	ACRE	0.25	0.25	
25000300	• SEEDING, CLASS 3	ACRE	0.25	0.25	
25000400	• NITROGEN FERTILIZER NUTRIENT	POUND	45	45	
25000500	• PHOSPHORUS FERTILIZER NUTRIENT	POUND	45	45	
25000600	• POTASSIUM FERTILIZER NUTRIENT	POUND	45	45	
25100115	MULCH, METHOD 2	ACRE	0.25	0.25	
25100630	EROSION CONTROL BLANKET	SQ YD	443	443	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100	100	
28000400	PERIMETER EROSION BARRIER	FOOT	928	928	
28100107	STONE RIPRAP, CLASS A4	SQ YD	1311	1311	
28200200	FILTER FABRIC	SQ YD	1311	1311	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	73	73	
40600300	AGGREGATE (PRIME COAT)	TON	2	2	
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	57	57	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	111	111	
40600990	TEMPORARY RAMP	SQ YD	86	86	
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	47	47	
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ YD	43	43	
44000100	PAVEMENT REMOVAL	SQ YD	324	324	
44000700	APPROACH SLAB REMOVAL	SQ YD	106	106	
44004250	PAVED SHOULDER REMOVAL	SQ YD	186	186	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	25	25	
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1	
50200100	STRUCTURE EXCAVATION	CU YD	386	386	
50300100	FLOOR DRAINS	EACH	4	4	
50300225	CONCRETE STRUCTURES	CU YD	281.9	281.9	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	218.5	218.5	
50300260	BRIDGE DECK GROOVING	SQ YD	654	654	
50300280	CONCRETE ENCASEMENT	CU YD	10.9	10.9	
50300300	PROTECTIVE COAT	SQ YD	849	849	
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1	1	
50500505	STUD SHEAR CONNECTORS	EACH	2070	2070	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	91260	91260	

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CODE NO.	ITEM	UNIT	TOTAL	X071-2A	
50800515	BAR SPLICERS	EACH	813	813	
51200957	FURNISHING METAL SHELL PILES 12" XQ250"	FOOT	528	528	
51200959	FURNISHING METAL SHELL PILES 14" XQ312"	FOOT	432	432	
51202305	DRIVING PILES	FOOT	960	960	
51203200	TEST PILE METAL SHELLS	EACH	2	2	
51204650	PILE SHOES	EACH	40	40	
51205200	TEMPORARY SHEET PILING	SQ FT	2817	2817	
51500100	NAME PLATES	EACH	1	1	
52000110	PREFORMED JOINT STRIP SEAL	FOOT	97	97	
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	12	12	
52100520	ANCHOR BOLTS, 1"	EACH	24	24	
52100540	ANCHOR BOLTS, 1 1/2"	EACH	24	24	
58700300	CONCRETE SEALER	SQ FT	967	967	
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	61	61	
60109580	• PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	104	104	
63000001	• STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	450	450	
63100085	• TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4	
63100167	• TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4	
63200310	GUARDRAIL REMOVAL	FOOT	400	400	
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	7	7	
67100100	MOBILIZATION	L SUM	1	1	
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	80	80	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	900	900	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1150	1150	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	525.0	525.0	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	425.0	425.0	
78001110	• PAINT PAVEMENT MARKING - LINE 4"	FOOT	900	900	
78100100	• RAISED REFLECTIVE PAVEMENT MARKER	EACH	3	3	
78100105	• RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	2	2	
78200405	• GUARDRAIL MARKERS	EACH	8	8	
78200500	• BARRIER WALL MARKERS	EACH	4	4	
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4	
78300100	PAVEMENT MARKING REMOVAL	SQ FT	300	300	

* - SPECIALTY ITEM

FILE NAME =	USER NAME = keysrb	DESIGNED - JJC	REVISED -
c:\pwork\pwork\keysrb\d0142584\05704	77-shr-S00.dgn	DRAWN - TWC	REVISED -
PLOT SCALE = 10.0000' / IN.	CHECKED - MAR	REVISED -	REVISED -
PLOT DATE = 12/17/2009	DATE - 12-16-09	REVISED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES				
SCALE:	SHEET NO.	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	1105R1BR	CHAMPAIGN	55	3
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 70427				