



**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	HBP FUNDING 80% FEDERAL 20% STATE TOTAL	AS BHS	
				CONSTRUCTION TYPE CODE	
				X080-2A SN 083- 0035	SN 083- 0036
20200500	EARTH EXCAVATION (WIDENING)	CU YD	80	35	45
25000210	SEEDING, CLASS 2A	ACRE	0.2	0.1	0.1
25000350	SEEDING, CLASS 7	ACRE	0.2	0.1	0.1
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	18	9	9
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	18	9	9
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	18	9	9
25000700	AGRICULTURAL GROUND LIMESTONE	TON	0.4	0.2	0.2
25100115	MULCH, METHOD 2	ACRE	0.4	0.2	0.2
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	40	20	20
28000400	PERIMETER EROSION BARRIER	FOOT	1165	625	540
35300400	PORTLAND CEMENT CONCRETE BASE COURSE 10"	SQ YD	18	-	18
35650500	BASE COURSE WIDENING 10"	SQ YD	309	124	185
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	170	120	50
40600300	AGGREGATE (PRIME COAT)	TON	3.5	2.5	1.0
40600645	LEVELING BINDER (MACHINE METHOD), N90	TON	86	75	11
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	474	254	220
40600990	TEMPORARY RAMP	SQ YD	280	190	90
40603320	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90	TON	110	77	33
44000100	PAVEMENT REMOVAL	SQ YD	19	-	19
44000196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	26	16	10
48203100	HOT-MIX ASPHALT SHOULDERS	TON	59	47	12
50101700	REMOVAL OF EXISTING SUPERSTRUCTURES NO. 1	EACH	1	1	-
50101800	REMOVAL OF EXISTING SUPERSTRUCTURES NO. 2	EACH	1	-	1
50300225	CONCRETE STRUCTURES	CU YD	2.5	-	2.5
50300260	BRIDGE DECK GROOVING	SQ YD	537	136	401
50300300	PROTECTIVE COAT	SQ YD	576	144	432
50400105	PRECAST CONCRETE BRIDGE SLAB	SQ FT	299	-	299
50400305	PRECAST PRESTRESSED CONCRETE DECK BEAMS (17" DEPTH)	SQ FT	1155	1155	-
50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ FT	3339	-	3339
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	7550	1770	5780
50800515	BAR SPLICERS	EACH	147	38	109
50901050	STEEL RAILING, TYPE SM	FOOT	353	70	283
51500100	NAME PLATES	EACH	2	1	1
52000110	PREFORMED JOINT STRIP SEAL	FOOT	33	-	33
58700300	CONCRETE SEALER	SQ FT	168	30	138
59000200	EPOXY CRACK INJECTION	FOOT	121	56	65

**ESCA**  
CONSULTANTS, INC.  
DESIGNED BY: JMS 11/07  
DRAWN BY: KAH 11/07  
CHECKED BY: MTD 01/08  
APPROVED BY: RDP 02/08

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CODE NO.	ITEM	UNIT	HBP FUNDING 80% FEDERAL 20% STATE TOTAL	AS BHS	
				CONSTRUCTION TYPE CODE	
				X080-2A SN 083- 0035	SN 083- 0036
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	50	-	50
* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	8	4	4
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	-	4
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	2	2	-
63200310	GUARDRAIL REMOVAL	FOOT	480	152	328
63301210	REMOVE AND RE-ERECT STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	12.5	-	12.5
63301990	REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 1	EACH	2	1	1
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	3	3
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1	-	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.5	0.5
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	0.5	0.5
70101205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321 (SPECIAL)	EACH	1	1	-
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	20	10	10
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	2	1	1
70106700	TEMPORARY RUMBLE STRIP	EACH	18	12	6
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	12	6	6
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	296	152	144
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	1715	780	935
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	51	51	-
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	773	413	360
70400100	TEMPORARY CONCRETE BARRIER	FOOT	637.5	250	387.5
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	637.5	250	387.5
70500660	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	1	-	1
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1715	780	935
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	51	51	-
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	8	4	4
* 78200520	BARRIER WALL MARKERS, TYPE B	EACH	6	2	4
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	6	2	4
78300100	PAVEMENT MARKING REMOVAL	SQ FT	473	268	205
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	5	4	1
* 86200300	UNINTERRUPTIBLE POWER SUPPLY, EXTENDED	EACH	2	1	1
X0324744	REMOVAL OF EXISTING PRECAST CONCRETE UNITS	SQ FT	299	-	299
X0325305	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	101	39	62
X5030305	CONCRETE WEARING SURFACE, 5"	SQ YD	576	144	432
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	4	2	2
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	4	2	2
Z0073700	TEMPORARY WALL BRACING SYSTEM	L SUM	1	1	-

\* SPECIALTY ITEMS

CONTRACT NO. 78028				
FAS RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
899	*	SALINE	75	3
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*8BR-1, 8BR-2				

**SUMMARY OF QUANTITIES**  
**FAS RTE 899 (OLD IL 13)**  
**SECTION 8BR-1, 8BR-2**  
**SALINE COUNTY**