

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	32-3HBR-1	GRUNDY	88	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CODE	ITEM	UNIT	TOTAL	BRI 80% FED 20% STATE		IM 90% FED 10% ST.	
				STRUCTURE SMO32-0113 X771-2A	CULVERT I14+17.59 X028-2A	ROADWAY 1000	
20100110	TREE REMOVAL 6 TO 15 UNITS DIAMETER	UNIT	36				36
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	3				3
20100500	TREE REMOVAL, ACRES	ACRE	2.4				2.4
20200100	EARTH EXCAVATION	CU. YD.	1,244				1,244
20201400	SUB-BASE GRANULAR MATERIAL, TYPE A	TON	374				374
20400800	FURNISHED EXCAVATION	CU. YD.	19,301				19,301
20700400	POROUS GRANULAR EMBANKMENT (SPECIAL)	CU. YD.	547	160			387
20800150	TRENCH BACKFILL	CU. YD.	48				48
21300010	EXPLORATION TRENCH, SPECIAL	FOOT	300				300
25000110	SEEDING, CLASS 1A	ACRE	0.4				0.4
25000300	SEEDING, CLASS 3	ACRE	2.2				2.2
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	234				234
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	234				234
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	234				234
25100115	MULCH, METHOD 2	ACRE	2.6				2.6
25100630	EROSION CONTROL BLANKET	SO. YD.	10,826				10,826
25200100	SODDING	SO. YD.	700				700
25200200	SUPPLEMENTAL WATERING	UNIT	15				15
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	10,400				10,400
28000300	TEMPORARY DITCH CHECKS	EACH	29				29
28000400	PERIMETER EROSION BARRIER	FOOT	2,662				2,662
28000500	INLET AND PIPE PROTECTION	EACH	9				9
28100107	STONE RIPRAP, CLASS A4	SO. YD.	810				810
28200400	FILTER FABRIC	SO. YD.	810				810
35101400	AGGREGATE BASE COURSE, TYPE B	TON	3,473				3,473
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	25				25
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	110				110
40800040	INCIDENTAL BITUMINOUS SURFACING	TON	53				53
42001165	BRIDGE APPROACH PAVEMENT	SO. YD.	222				222
42001300	PROTECTIVE COAT	SO. YD.	323				323
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SO. YD.	56				56
42100335	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 11 3/4"	SO. YD.	134				134
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SO. YD.	95				95
44000200	DRIVEWAY PAVEMENT REMOVAL	SO. YD.	140				140
48202600	BITUMINOUS SHOULDER SUPERPAVE, 8"	SO. YD.	1,415				1,415
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1			
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1		1		
50104650	SLOPEWALL REMOVAL	SO. YD.	388	388			
50105220	PIPE CULVERT REMOVAL	FOOT	100				100
50200100	STRUCTURE EXCAVATION	CU. YD.	957	957			
50300150	NEOPRENE EXPANSION JOINT 2"	FOOT	82	82			
50300225	CONCRETE STRUCTURES	CU. YD.	176.9	176.9			
50300255	CONCRETE SUPERSTRUCTURE	CU. YD.	280.1	280.1			
50300260	BRIDGE DECK GROOVING	SO. YD.	1,016	816			200
50300300	PROTECTIVE COAT	SO. YD.	1,080	1,080			
50300310	ELASTOMERIC BEARING ASSEMBLY, TYPE 1	EACH	12	12			
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1	1			
50500505	STUD SHEAR CONNECTORS	EACH	2,424	2,424			
50800105	REINFORCEMENT BARS	POUND	4,500	4,500			
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	84,780	83,330	1,450		
51100100	SLOPEWALL 4 INCH	SO. YD.	507	507			
51201610	FURNISHING STEEL PILES HP12X63	FOOT	1,714	1,714			
51202700	DRIVING STEEL PILES	FOOT	1,714	1,714			
51203610	TEST PILE STEEL HP12X63	EACH	3	3			
51500100	NAME PLATES	EACH	1	1			
54003000	CONCRETE BOX CULVERTS	CU. YD.	43.1		43.1		
54011208	PRECAST CONCRETE BOX CULVERT 12'x8'	FOOT	129		129		
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	113				113
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	222				222
5421D015	PIPE CULVERTS, CLASS D, TYPE 1 15" (TEMPORARY)	FOOT	130				130
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2				2
54215421	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 21"	EACH	1				1
54215424	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 24"	EACH	1				1

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				STRUCTURE SMO32-0113 X771-2A	CULVERT I14+17.59 X028-2A	ROADWAY 1000	
54215547	METAL END SECTIONS 12"	EACH	4				4
54215550	METAL END SECTIONS 15"	EACH	8				8
550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	144				144
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	110				110
55101100	STORM SEWER REMOVAL, 21"	FOOT	15				15
58700200	BRIDGE SEAT SEALER	SO. FT.	232	232			
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	4				4
60100945	PIPE DRAINS 12"	FOOT	238				238
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1				1
60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	1				1
60255500	MANHOLE TO BE ADJUSTED	EACH	1				1
60900140	TYPE B INLET BOX, STANDARD 609006	EACH	4				4
61140000	STORM SEWERS, SPECIAL 8"	FOOT	100				100
61140100	STORM SEWERS, SPECIAL 10"	FOOT	100				100
61140200	STORM SEWERS, SPECIAL 12"	FOOT	100				100
61140800	STORM SEWERS, SPECIAL 21"	FOOT	100				100
61140900	STORM SEWERS, SPECIAL 24"	FOOT	100				100
63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	1,648				1,648
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1				1
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4				4
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)	EACH	4				4
63200310	GUARDRAIL REMOVAL	FOOT	1,615				1,615
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	19				19
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12				12
67100100	MOBILIZATION	L SUM	1				1
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	1				1
70103700	TRAFFIC CONTROL COMPLETE	L SUM	1				1
70400100	TEMPORARY CONCRETE BARRIER	EACH	90				90
72000100	SIGN PANEL - TYPE 1	SQ. FT.	75				75
72000300	SIGN PANEL - TYPE 3	SQ. FT.	202				202
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	7,911				7,911
78200400	GUARDRAIL REFLECTORS	EACH	50				50
Z0002600	BAR SPLICERS	EACH	64	64			
Z0005215	BITUMINOUS STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL	SO. YD.	632				632
Z0013300	CONCRETE REMOVAL (SPECIAL)	SO. YD.	14				14
Z0013798	CONSTRUCTION LAYOUT	L SUM	1				1
Δ Z0030050	IMPACT ATTENUATORS (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3	EACH	2				2
Δ Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	4				4
⊖ Z0076600	TRAINEES	HOOR	200				200
XX000372	TEMPORARY AGGREGATE	TON	170				170
X0323582	REMOTE MESSAGE BOARD	CAL MO	12				12
X0323830	DRAINAGE SCUPPERS, DS-11	EACH	4	4			
X0350800	BOLLARDS	EACH	3				3
X0996100	CONCRETE POST REMOVAL	EACH	3				3
X4073046	BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 8 1/4"	SO. YD.	4,373				4,373
XX000714	FENCE TO BE REMOVED AND RE-ERECTED	FOOT	185				185
XX001017	REMOVE RIGHT-OF-WAY MARKERS	EACH	4				4

* SPECIALTY ITEM
 Δ SAFETY PAY ITEM PAY CODE SFTY-3N
 ⊖ Y080

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 F.A.I. 80 (I-80)
 SECTION 32-3HBR-1
 GRUNDY COUNTY
 DRAWN BY: JJO
 CHECKED BY: MSW
 DATE: 09/09/05