

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	109
STA. 511+80.00		TO STA. 609+14.92		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		
SHEET NO. 54 OF 5108				

TOTAL BILL OF MATERIAL, S.N. 045-3166

ITEM	UNIT	SUPER-STRUCTURE QUANTITY	SUBSTRUCTURE QUANTITY		TOTAL QUANTITY
			PIERS	ABUTMENTS	
Porous Granular Embankment, Special	Cu Yd	0	0	336	336
Stone Riprap, Class A4	Sq Yd	0	0	1,462	1,462
Filter Fabric	Sq Yd	0	0	1,578	1,578
Protective Coat	Sq Yd	7,137	0	0	7,137
Structure Excavation	Cu Yd	0	1,332	483	1,815
Cofferdam Excavation	Cu Yd	0	764	0	764
Cofferdams	Each	0	2	0	2
Concrete Structures	Cu Yd	0	1,792	211	2,003
Concrete Superstructure	Cu Yd	1,823	0	16	1,839
Bridge Deck Grooving	Sq Yd	6,071	0	0	6,071
Seal Coat Concrete	Cu Yd	0	247	0	247
Concrete Encasement	Cu Yd	0	20	12	32
Form Liner Textured Surface	Sq Ft	0	15,857	2,346	18,203
Stud Shear Connectors	Each	16,800	0	0	16,800
Reinforcement Bars	Pound	0	185,370	0	185,370
Reinforcement Bars, Epoxy Coated	Pound	558,760	297,470	23,720	879,950
Bar Splicers	Each	0	0	122	122
Steel Rolling (Special)	Ft	2,025	0	0	2,025
Bicycle Rolling	Ft	0	0	156	156
Furnishing Steel Piles HP12x74	Ft	0	3,835	1,984	5,819
Driving Piles	Ft	0	3,835	1,984	5,819
Test Pile Steel HP12x74	Each	0	2	2	4
Name Plates	Each	1	0	0	1
Name Plates (Special)	Each	0	4	2	6
Permanent Casing	Ft	0	426	0	426
Drilled Shaft In Soil	Cu Yd	0	782	0	782
Elastomeric Bearing Assembly, Type II	Each	7	0	0	7
Elastomeric Bearing Assembly, Type III	Each	7	0	0	7
Anchor Bolts, 1 1/4"	Each	0	84	0	84
Anchor Bolts, 1 1/2"	Each	0	14	28	42
Concrete Sealer	Sq Ft	0	2,211	1,936	4,147
Geocomposite Wall Drain	Sq Yd	0	0	134	134
Pipe Underdrains For Structures 4"	Ft	0	0	186	186
High Load Multi-Rotation Bearings, Guided Expansion, 700K	Each	21	0	0	21
Furnishing And Erecting Structural Steel Bridge No. 1	L Sum	1	0	0	1
Mechanically Stabilized Earth Retaining Wall	Sq Ft	0	0	2,222	2,222
Temporary Access Causeway	L Sum	1	0	0	1
Anti-Graffiti Coating	Sq Ft	0	15,857	2,496	18,353
Drainage Scuppers (Special)	Each	16	0	0	16
Drainage System	L Sum	1	0	0	1
Modular Expansion Joint 6"	Ft	126	0	0	126

TOTAL BILL OF MATERIAL, S.N. 045-3164

ITEM	UNIT	SUPER-STRUCTURE QUANTITY	SUBSTRUCTURE QUANTITY		TOTAL QUANTITY
			PIERS	ABUTMENTS	
Porous Granular Embankment, Special	Cu Yd	0	0	24	24
Stone Riprap, Class A4	Sq Yd	0	122	227	349
Filter Fabric	Sq Yd	0	0	272	272
Protective Coat	Sq Yd	671	0	0	671
Structure Excavation	Cu Yd	0	9	35	44
Concrete Structures	Cu Yd	0	54	50	104
Concrete Superstructure	Cu Yd	29	0	3	32
Bridge Deck Grooving	Sq Yd	670	0	0	670
Concrete Encasement	Cu Yd	0	0	1	1
Precast Prestressed Concrete Deck Beams (11" Depth)	Sq Ft	4,885	0	0	4,885
Stud Shear Connectors	Each	429	0	0	429
Reinforcement Bars	Pound	0	18,810	13,990	32,800
Reinforcement Bars, Epoxy Coated	Pound	15,290	46,680	13,990	75,960
Bar Splicers	Each	0	0	39	39
Bicycle Rolling, Special	Ft	933	0	0	933
Furnishing Steel Piles HP12x53	Ft	0	0	58	58
Driving Piles	Ft	0	0	58	58
Test Pile Steel HP12x53	Each	0	0	1	1
Temporary Sheet Piling	Sq Ft	0	0	624	624
Name Plates	Each	1	0	0	1
Permanent Casing	Ft	0	638	226	864
Drilled Shaft In Soil	Cu Yd	0	202	69	271
Preformed Joint Strip Seal	Ft	97	0	0	97
Elastomeric Bearing Assembly, Type I	Each	2	0	0	2
Anchor Bolts, 1"	Each	28	0	0	28
Concrete Sealer	Sq Ft	0	610	454	1,064
Geocomposite Wall Drain	Sq Yd	0	0	153	153
Pipe Underdrains For Structures 4"	Ft	0	0	68	68
Pedestrian Truss Superstructure	Sq Ft	5,484	0	0	5,484
Concrete Wearing Surface, 5"	Sq Yd	543	0	0	543
Furnishing And Erecting Structural Steel Bridge No. 2	L Sum	1	0	0	1
Anti-Graffiti Coating	Sq Ft	0	612	425	1,037
Roofing System	Ft	534	0	0	534

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REVISIONS	
NAME	DATE



ILLINOIS DEPARTMENT OF TRANSPORTATION
BILL OF MATERIAL
 STEARNS ROAD OVER THE FOX RIVER PUBLIC WATERS
 STRUCTURE NUMBER 045-3166
 KANE COUNTY FAP 361 SECTION 06-00214-20-BR
 STATION 571+42.96 DESIGNED: GWG DRAWN: GWG
 DATE: JANUARY 16, 2009 CHECKED: KPZ CHECKED: KPZ