

TOTAL BILL OF MATERIALS

ITEM DESCRIPTION	UNIT	QUANTITY	SN 016-1117	SN 016-1067	SN 016-1116	SN 016-1115	SN 016-1046	SN 016-1050	SN 016-1062	SN 016-1114	SN 016-1066	SN 016-1113	SN 016-1112	SN 016-1111	SN 016-1110	SN 016-0137
CONCRETE REMOVAL	CU YD	1,096	190	86	13	161	19	49	36	-	-	130	208	48	57	99
CONCRETE SUPERSTRUCTURE	CU YD	1,225.1	214.2	95.4	14.0	185.1	17.6	53.4	38.3	-	-	147.9	234.4	52.4	63.6	108.8
BRIDGE DECK GROOVING	SQ YD	101,406	10,582	4,830	4,040	14,095	1,311	3,510	1,760	3,055	2,186	13,038	19,038	7,474	6,165	10,322
PROTECTIVE COAT	SQ YD	3,114	532	269	39	574	53	138	112	-	-	337	652	57	67	284
FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1	0.16	-	0.01	-	-	-	-	0.01	0.01	0.22	-	0.28	0.31	-
JACK AND REMOVE EXISTING BEARINGS	EACH	5	-	5	-	-	-	-	-	-	-	-	-	-	-	-
STRUCTURAL STEEL REMOVAL	POUND	39,020	2,840	2,230	2,740	-	-	-	-	2,710	2,140	1,670	-	14,260	10,430	-
STRUCTURAL STEEL REPAIR	POUND	3,310	-	3,310	-	-	-	-	-	-	-	-	-	-	-	-
REINFORCEMENT BARS, EPOXY COATED	POUND	171,670	29,900	16,370	1,680	25,580	2,310	6,410	5,530	-	-	20,880	29,940	7,530	8,740	16,800
CHAIN LINK FENCE, 4' (BRIDGE)	FOOT	300	100	100	100	-	-	-	-	-	-	-	-	-	-	-
FIELD MEASUREMENTS	L SUM	1	0.16	-	0.01	-	-	-	-	0.01	0.01	0.22	-	0.28	0.31	-
SILICONE JOINT SEALER, 1"	FOOT	10,486	2,041	-	575	1,816	-	-	-	517	-	996	1,707	942	678	1,214
MECHANICAL SPLICE	EACH	876	126	-	-	-	-	-	-	-	-	184	-	258	308	-
CLEANING BRIDGE SCUPPERS AND DOWNSPOUTS	EACH	269	31	22	16	45	4	1	-	10	11	28	39	22	19	21
BRIDGE JOINT SYSTEM (EXPANSION), 1"	FOOT	325	35	134	-	-	-	28	40	-	-	-	-	-	-	88
BRIDGE JOINT SYSTEM (EXPANSION), 1-5/8"	FOOT	1,137	547	116	-	349	-	42	-	-	-	-	59	-	24	-
BRIDGE JOINT SYSTEM (FIXED),	FOOT	395	34	-	-	-	-	-	-	-	-	159	108	70	24	-
ADJUSTING DRAINAGE SCUPPERS, TYPE A	EACH	128	-	9	-	28	4	1	-	-	11	12	20	11	11	21
ADJUSTING DRAINAGE SCUPPERS, TYPE B	EACH	60	17	-	8	12	-	-	-	10	-	10	-	3	-	-
ADJUSTING DRAINAGE SCUPPERS, TYPE C	EACH	81	14	13	8	5	-	-	-	-	-	6	19	8	-	-
STRIP SEAL EXPANSION JOINT ASSEMBLY	FOOT	3,588	240	193	79	510	84	176	256	-	-	558	1044	27	24	397
BAR SPLICERS	EACH	1,330	157	-	-	295	-	-	36	-	-	246	382	48	48	118
BRIDGE DECK MICROSILICA CONCRETE OVERLAY, 2 1/4"	SQ YD	102,774	10,570	4,855	4,151	14,044	1,385	3,679	1,818	3,156	2,303	13,183	19,239	7,729	6,298	10,364
BRIDGE DECK HYDRO-SCARIFICATION, 1/2"	SQ YD	102,774	10,570	4,855	4,151	14,044	1,385	3,679	1,818	3,156	2,303	13,183	19,239	7,729	6,298	10,364
DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	200	30	30	10	25	5	5	5	10	5	15	15	15	15	15
FABRIC REINFORCED ELASTOMERIC TROUGH	FOOT	447	68	-	-	-	-	-	-	-	-	98	-	128	153	-
PROTECTIVE SHIELD	SQ YD	31,194	4,718	1,447	4,643	6,013	-	-	-	1,389	1,050	2,405	2,300	1,567	4,622	1,040
TEMPORARY SHORING AND CRIBBING	EACH	5	-	5	-	-	-	-	-	-	-	-	-	-	-	-
DECK SILICONE JOINT SEALER, 1"	FOOT	107	-	-	-	-	-	-	-	-	-	82	-	-	25	-
MODULAR EXPANSION JOINT REPAIR	L SUM	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-

BOWMAN, BARRETT & ASSOCIATES INC
CONSULTING ENGINEERS
Chicago, Illinois
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
SB DAN RYAN ELEVATED BRIDGE
REPAIR FROM 15TH TO 28TH STREETS
STRUCTURAL
TOTAL BILL OF MATERIALS
SCALE: N/A
DATE: 5/25/2006
DRAWN BY: BDC
CHECKED BY: BLU

7-31624-PM