

OVERALL TOTAL BILL OF MATERIAL

ITEM	UNIT	OVERALL	(SN016-1322)			(SN016-1323)			(SN016-2573)			(SN016-2014)		
		TOTAL	SUPER	SUB	TOTAL	SUPER	SUB	TOTAL	SUPER	SUB	TOTAL	SUPER	SUB	TOTAL
REMOVAL OF EXISTING SUPERSTRUCTURES NO. 1	EACH	1							1		1			
CONCRETE REMOVAL	CU YD	173.5								173.5	173.5			
STRUCTURE EXCAVATION	CU YD	832.1								321.4	321.4		510.7	510.7
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	1323.6		298.2	298.2		1025.4	1025.4						
CONCRETE STRUCTURES	CU YD	889.3		261.4	261.4		108	108		375	375		144.9	144.9
CONCRETE SUPERSTRUCTURE	CU YD	1181.5	591.3		591.3	397.6		397.6	192.6		192.6			
BRIDGE DECK GROOVING	SQ YD	1921	1345		1345	576		576						
FORM LINER TEXTURED SURFACE	SQ FT	1447								1447	1447			
PROTECTIVE COAT	SQ YD	3910	2475		2475	1435		1435						
PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ FT	1371							1371		1371			
PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	11480							11480		11480			
FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1	0.81		0.81	0.19		0.19						
STUD SHEAR CONNECTORS	EACH	13928	9903		9903	2853		2853					1172	1172
REINFORCEMENT BARS	POUND	65240		50870	50870		14370	14370						
REINFORCEMENT BARS, EPOXY COATED	POUND	460676	140360	90380	230740	77230	41420	118650	34420	54700	89120		22166	22166
BAR SPLICERS	EACH	2138	1069	310	1379	438	213	651	50	58	108			
MECHANICAL SPLICERS	EACH	1464	918	132	1050	276		276	0	138	138			
BRIDGE FENCE RAILING	FOOT	126							126		126			
FURNISHING METAL SHELL PILES 12" X 0.250"	FOOT	396								396	396			
DRIVING PILES	FOOT	396								396	396			
TEST PILE METAL SHELLS	EACH	1								1	1			
NAME PLATES	EACH	3	1		1	1		1		1	1			
PERMANENT CASING	FOOT	1864		1109	1109		755	755						
DRILLED SHAFT IN SOIL	CU YD	344.6		218.4	218.4		126.2	126.2						
PREFORMED JOINT STRIP SEAL	FOOT	205.0	104.0		104.0	101.0		101.0						
ANCHOR BOLTS, 1"	EACH	168	112		112	56		56						
WATERPROOFING MEMBRANE SYSTEM	SQ YD	1770			0				1770		1770			
CONCRETE SEALER	SQ FT	8347		2020	2020		1030	1030		2279	2279		3018	3018
EPOXY CRACK INJECTION	FOOT	10								10	10			
GEOCOMPOSITE WALL DRAIN	SQ YD	427							24	286	310		117	117
CONTROLLED LOW-STRENGTH MATERIAL	CU YD	13.3								13.3	13.3			
UNTREATED TIMBER LAGGING	SQ FT	2743											2743	2743
STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCH)	SQ FT	110								110	110			
DRAINAGE SCUPPERS, DS-12	EACH	2	1		1	1		1						
DRAINAGE SYSTEM	L SUM	1	0.5		0.5	0.5		0.5						
FURNISHING SOLDIER PILES (W SECTION)	FOOT	3992											3992	3992
GEOTEXTILE RETAINING WALL	SQ FT	190								190	190			
MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	12826		2930	2930		9896	9896						
PIPE UNDERDRAIN FOR STRUCTURES 4"	FOOT	518							150		150		368	368
PIPE UNDERDRAINS FOR STRUCTURES 6"	FOOT	308								308	308			
TEMPORARY SOIL RETENTION SYSTEM	SQ FT	2410								2410	2410			
TEMPORARY MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	5841		1464	1464		4377	4377						
DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	28183											28183	28183
AGGREGATE COLUMN GROUND IMPROVEMENT	L SUM	1		0.23	0.23		0.77	0.77						
REMOVAL OF EXISTING STRUCTURES, SPECIAL	L SUM	1	1		1									
CONCRETE WEARING SURFACE, 6"	SQ YD	1620							1620		1620			
HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 150K	EACH	7	7		7									
HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 200K	EACH	7					7	7						
HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 250K	EACH	14	14		14									
HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 150K	EACH	7					7	7						
HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 400K	EACH	7	7		7									
GRANULAR BACKFILL FOR STRUCTURES	CU YD	410.7								410.7	410.7			
PROTECTIVE CONCRETE SLAB	SQ YD	956							956		956			
LOCATE TUNNEL	L SUM	1		1	1									
BULKHEAD TUNNEL	L SUM	1		1	1									

USER NAME =	DESIGNED - MAH	REVISED
	CHECKED - LDB	REVISED
PLOT SCALE =	DRAWN - DR	REVISED
PLOT DATE	CHECKED - JMH	REVISED