

**STRUCTURE NUMBER 016-0137  
BAR SCHEDULE & BILL OF MATERIAL**

BAR NO.	SIZE	LENGTH	SHAPE
a1	86 #5(E)	30' 11"	—
a2	36 #5(E)	28' 0"	—
a3	36 #5(E)	24' 3"	—
a4	18 #6(E)	20' 9"	—
a5	18 #6(E)	19' 5"	—
a6	28 #5(E)	23' 3"	—
a9	36 #5(E)	25' 1"	—
a10	18 #5(E)	26' 3"	—
a113	16 #7(E)	30' 11"	—
a114	14 #6(E)	30' 10"	—
a115	6 #5(E)	30' 10"	—
a116	32 #7(E)	24' 3"	—
a117	24 #6(E)	24' 3"	—
a118	12 #5(E)	23' 8"	—
a119	16 #7(E)	25' 0"	—
a120	12 #6(E)	25' 0"	—
a121	20 #5(E)	25' 0"	—
b1	102 #6(E)	4' 0"	—
d1	130 #5(E)	5' 10"	L
d2	130 #6(E)	4' 7"	L
u	160 #6(E)	1' 11"	□
X1	608 #5(E)	2' 3"	□
X2	68 #4(E)	2' 8"	□
X4	101 #5(E)	3' 9"	□
X6	206 #6(E)	6' 8"	□
Concrete Removal (Cu. Yds.) 109.5			
Concrete			
Superstructure (Cu. Yds.) 120.5			
Reinforcement Bars, Epoxy Coated (Pound) 21,120			

**STRUCTURE NUMBER 016-1112  
BAR SCHEDULE & BILL OF MATERIAL**

BAR NO.	SIZE	LENGTH	SHAPE
a1	54 #5(E)	30' 11"	—
a11	23 #6(E)	18' 10"	—
a14	18 #5(E)	26' 8"	—
a15	18 #5(E)	26' 11"	—
a16	18 #5(E)	26' 9"	—
a17	18 #5(E)	26' 6"	—
a18	18 #5(E)	20' 9"	—
a19	9 #5(E)	25' 1"	—
a20	18 #5(E)	18' 7"	—
a21	9 #5(E)	23' 5"	—
a22	18 #5(E)	39' 6"	—
a23	18 #5(E)	20' 3"	—
a24	10 #6(E)	41' 6"	—
a25	8 #6(E)	40' 1"	—
a26	36 #6(E)	26' 3"	—
a27	10 #6(E)	28' 9"	—
a28	8 #6(E)	20' 10"	—
a29	10 #6(E)	40' 11"	—
a30	8 #6(E)	40' 5"	—
a31	20 #6(E)	33' 3"	—
a32	16 #6(E)	32' 9"	—
a33	36 #5(E)	25' 11"	—
a34	72 #5(E)	24' 11"	—
a35	164 #6(E)	20' 5"	—
a36	109 #6(E)	18' 7"	—
a37	56 #6(E)	18' 8"	—
a51	108 #5(E)	29' 11"	—
b1	249 #6(E)	4' 0"	—
d1	158 #4(E)	5' 10"	L
d2	232 #5(E)	4' 7"	L
d3	18 #4(E)	6' 10"	L
d4	104 #4(E)	6' 4"	L
X1	1881 #6(E)	2' 3"	□
X3	446 #6(E)	3' 0"	□
X5	117 #6(E)	3' 9"	□
Concrete Removal (Cu. Yds.) 199.3			
Concrete			
Superstructure (Cu. Yds.) 224.5			
Reinforcement Bars, Epoxy Coated (Pound) 41,430			

**STRUCTURE NUMBER 016-1114  
BAR SCHEDULE & BILL OF MATERIAL**

BAR NO.	SIZE	LENGTH	SHAPE
a51	18 #5(E)	29' 11"	—
a68	18 #5(E)	29' 3"	—
a123	18 #5(E)	18' 10"	—
a125	18 #5(E)	16' 7"	—
b1	24 #6(E)	4' 0"	—
d1	27 #4(E)	5' 10"	L
d2	27 #5(E)	4' 7"	L
X1	192 #5(E)	2' 3"	□
Concrete Removal (Cu. Yds.) 12.7			
Concrete			
Superstructure (Cu. Yds.) 14.5			
Reinforcement Bars, Epoxy Coated (Pound) 2,610			

**STRUCTURE NUMBER 016-1117  
BAR SCHEDULE & BILL OF MATERIAL**

BAR NO.	SIZE	LENGTH	SHAPE
a69	15 #5(E)	33' 8"	—
a70	18 #5(E)	33' 5"	—
a71	46 #5(E)	33' 2"	—
a72	23 #5(E)	33' 6"	—
a73	23 #5(E)	34' 0"	—
a74	23 #5(E)	34' 5"	—
a75	23 #5(E)	35' 0"	—
a76	18 #5(E)	35' 10"	—
a77	18 #5(E)	38' 10"	—
a78	36 #5(E)	39' 9"	—
a80	18 #5(E)	38' 1"	—
a81	18 #5(E)	32' 11"	—
a82	18 #5(E)	42' 6"	—
a83	133 #5(E)	31' 7"	—
a84	133 #5(E)	36' 5"	—
b1	263 #6(E)	4' 0"	—
d1	2 #4(E)	5' 10"	L
d2	284 #5(E)	4' 7"	L
d5	178 #4(E)	5' 2"	L
d6	104 #4(E)	4' 10"	L
u	32 #5(E)	1' 11"	□
X1	1322 #5(E)	2' 3"	□
X4	554 #5(E)	3' 9"	□
Concrete Removal (Cu. Yds.) 194.2			
Concrete			
Superstructure (Cu. Yds.) 214.0			
Reinforcement Bars, Epoxy Coated (Pound) 29,720			

**STRUCTURE NUMBER 016-1047  
BAR SCHEDULE & BILL OF MATERIAL**

BAR NO.	SIZE	LENGTH	SHAPE
a35	54 #5(E)	20' 5"	—
a106	54 #5(E)	27' 10"	—
a107	18 #5(E)	29' 11"	—
a108	18 #5(E)	26' 11"	—
a109	18 #5(E)	25' 9"	—
a110	18 #5(E)	22' 4"	—
a122	18 #5(E)	29' 5"	—
b1	96 #6(E)	4' 0"	—
d1	96 #4(E)	5' 10"	L
d2	96 #5(E)	4' 7"	L
d8	6 #4(E)	3' 0"	L
X1	588 #5(E)	2' 3"	□
Concrete Removal (Cu. Yds.) 39.5			
Concrete			
Superstructure (Cu. Yds.) 45.0			
Reinforcement Bars, Epoxy Coated (Pound) 8,050			

**STRUCTURE NUMBER 016-1110  
BAR SCHEDULE & BILL OF MATERIAL**

BAR NO.	SIZE	LENGTH	SHAPE
a12	18 #5(E)	23' 6"	—
a13	56 #5(E)	23' 5"	—
b1	46 #6(E)	4' 0"	—
d1	52 #4(E)	5' 10"	L
d2	52 #5(E)	4' 7"	L
X1	52 #5(E)	2' 3"	□
X6	104 #6(E)	6' 8"	□
Concrete Removal (Cu. Yds.) 17.2			
Concrete			
Superstructure (Cu. Yds.) 19.3			
Reinforcement Bars, Epoxy Coated (Pound) 3,700			

**STRUCTURE NUMBER 016-1113  
BAR SCHEDULE & BILL OF MATERIAL**

BAR NO.	SIZE	LENGTH	SHAPE
a1	18 #5(E)	30' 11"	—
a35	54 #5(E)	20' 5"	—
a36	18 #5(E)	16' 1"	—
a38	18 #5(E)	34' 2"	—
a39	36 #5(E)	24' 6"	—
a40	36 #5(E)	29' 7"	—
a41	36 #5(E)	34' 0"	—
a42	45 #5(E)	31' 7"	—
a43	18 #5(E)	26' 8"	—
a44	18 #5(E)	24' 9"	—
a45	18 #5(E)	35' 1"	—
a47	18 #5(E)	21' 10"	—
a48	18 #5(E)	32' 8"	—
a49	18 #5(E)	22' 9"	—
a51	126 #5(E)	29' 11"	—
a52	18 #5(E)	48' 9"	—
b1	152 #6(E)	4' 0"	—
d1	168 #4(E)	5' 10"	L
d2	163 #5(E)	4' 7"	L
X1	1620 #5(E)	2' 3"	□
Concrete Removal (Cu. Yds.) 116.3			
Concrete			
Superstructure (Cu. Yds.) 133.3			
Reinforcement Bars, Epoxy Coated (Pound) 21,540			

**STRUCTURE NUMBER 016-1116  
BAR SCHEDULE & BILL OF MATERIAL**

BAR NO.	SIZE	LENGTH	SHAPE
a51	23 #5(E)	29' 11"	—
a67	46 #5(E)	27' 6"	—
b1	16 #6(E)	4' 0"	—
d1	16 #4(E)	5' 10"	L
d2	16 #5(E)	4' 7"	L
X1	84 #5(E)	2' 3"	□
X4	84 #5(E)	3' 9"	□
Concrete Removal (Cu. Yds.) 16.4			
Concrete			
Superstructure (Cu. Yds.) 19.0			
Reinforcement Bars, Epoxy Coated (Pound) 2,800			

**STRUCTURE NUMBER 016-1118  
BAR SCHEDULE & BILL OF MATERIAL**

BAR NO.	SIZE	LENGTH	SHAPE
a87	40 #5(E)	28' 7"	—
a88	36 #5(E)	27' 5"	—
a89	46 #5(E)	24' 1"	—
a90	46 #5(E)	22' 8"	—
a91	46 #5(E)	23' 4"	—
a92	36 #5(E)	24' 0"	—
a93	36 #5(E)	23' 2"	—
a94	36 #5(E)	26' 1"	—
a95	36 #5(E)	24' 1"	—
b1	115 #6(E)	4' 0"	—
d1	2 #4(E)	5' 10"	L
d2	124 #5(E)	4' 7"	L
d3	6 #4(E)	6' 10"	L
d4	28 #4(E)	6' 4"	L
d6	14 #4(E)	4' 10"	L
d7	42 #4(E)	8' 7"	L
d8	24 #4(E)	5' 8"	L
u	57 #5(E)	1' 11"	□
X1	632 #5(E)	2' 3"	□
X4	195 #5(E)	3' 9"	□
Concrete Removal (Cu. Yds.) 84.8			
Concrete			
Superstructure (Cu. Yds.) 96.0			
Reinforcement Bars, Epoxy Coated (Pound) 13,420			

**STRUCTURE NUMBER 016-1059  
BAR SCHEDULE & BILL OF MATERIAL**

BAR NO.	SIZE	LENGTH	SHAPE
a96	18 #5(E)	28' 1"	—
a97	18 #5(E)	28' 0"	—
a98	18 #5(E)	27' 10"	—
a99	18 #5(E)	31' 7"	—
a100	18 #5(E)	29' 10"	—
b1	72 #6(E)	4' 0"	—
d1	72 #4(E)	5' 10"	L
d2	72 #5(E)	4' 7"	L
X1	306 #5(E)	2' 3"	□
X2	80 #5(E)	2' 8"	□
Concrete Removal (Cu. Yds.) 31.0			
Concrete			
Superstructure (Cu. Yds.) 34.8			
Reinforcement Bars, Epoxy Coated (Pound) 5,410			

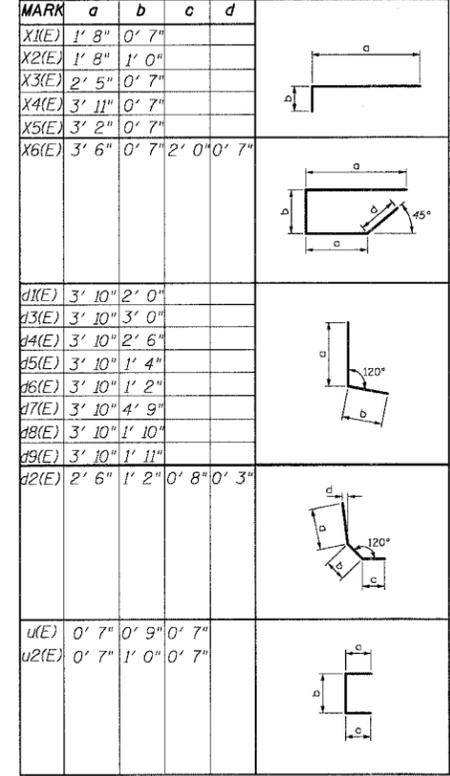
**STRUCTURE NUMBER 016-1140  
BAR SCHEDULE & BILL OF MATERIAL**

BAR NO.	SIZE	LENGTH	SHAPE
a103	18 #5(E)	28' 0"	—
a104	18 #5(E)	39' 4"	—
a105	18 #5(E)	38' 8"	—
a106	33 #5(E)	27' 10"	—
a111	9 #5(E)	28' 3"	—
a112	9 #5(E)	27' 11"	—
b1	77 #6(E)	4' 0"	—
d1	73 #4(E)	5' 10"	L
d2	64 #5(E)	4' 7"	L
d9	4 #5(E)	5' 6"	L
u2	29 #5(E)	2' 2"	□
X1	287 #5(E)	2' 3"	□
X2	80 #5(E)	2' 8"	□
Concrete Removal (Cu. Yds.) 32.3			
Concrete			
Superstructure (Cu. Yds.) 39.0			
Reinforcement Bars, Epoxy Coated (Pound) 5,520			

**STRUCTURE NUMBER 016-1111  
BAR SCHEDULE & BILL OF MATERIAL**

BAR NO.	SIZE	LENGTH	SHAPE
a13	51 #5(E)	23' 6"	—
b1	38 #6(E)	4' 0"	—
d1	38 #4(E)	5' 10"	L
d2	38 #5(E)	4' 7"	L
u	26 #5(E)	1' 11"	□
X1	156 #5(E)	2' 3"	□
Concrete Removal (Cu. Yds.) 18.8			
Concrete			
Superstructure (Cu. Yds.) 21.2			
Reinforcement Bars, Epoxy Coated (Pound) 2,230			

**BENT BAR DETAILS**



I:\EGD\cadd\94\90\9403-028F\15-178.dwg 8/11/2005