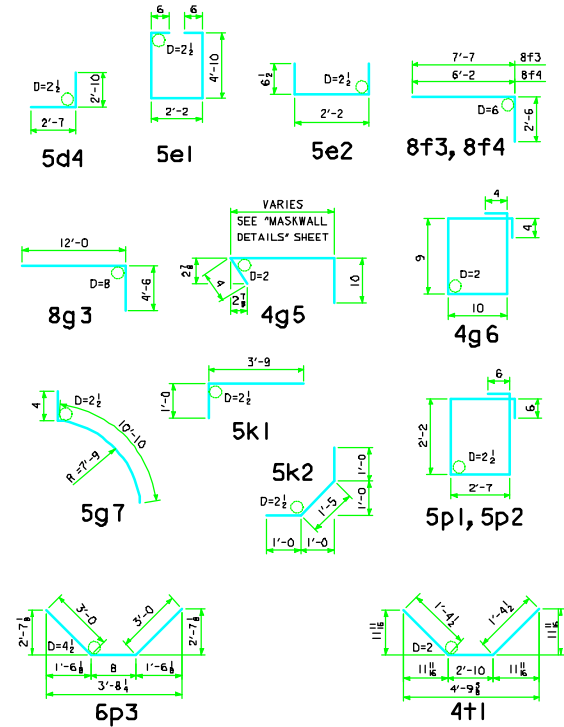


REINFORCING BAR LIST			222'-0		232'-0		242'-0		252'-0		262'-0			
ONE SUPERSTRUCTURE & TWO ABUTMENTS			BTD110		BTD115		BTD120		BTD125		BTD130			
BAR	LOCATION	SHAPE	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT
6a1	SLAB TRANSV. TOP & BOTT.		567	42'-10	36,478	593	42'-10	38,151	617	42'-10	39,695	643	42'-10	41,368
5b1	SLAB LONGITUDINAL, TOP & BOTT.		430	40'-0	17,940	516	40'-0	21,528	516	40'-0	21,528	516	40'-0	21,528
5b2	SLAB LONGITUDINAL, TOP & BOTT., END		86	34'-9	3,117	86	6'-9	605	86	16'-9	1,502	86	26'-9	2,399
7b3	SLAB LONGITUDINAL, TOP & BOTT. @ PIER		96	27'-6	5,396	96	28'-8	5,625	-----	-----	-----	-----	-----	-----
8b3	SLAB LONGITUDINAL, TOP & BOTT. @ PIER		-----	-----	-----	-----	-----	-----	96	30'-0	7,690	96	31'-2	7,989
5d5	ABUTMENT DIAPHRAGM, LONGITUDINAL-B.F.		16	22'-5	374	16	22'-5	374	16	22'-5	374	16	22'-5	374
5d6	PAVING NOTCH, LONGITUDINAL		8	22'-1	184	8	22'-1	184	8	22'-1	184	8	22'-1	184
8f1	ABUTMENT FOOTING, LONGITUDINAL-B.F.		16	23'-11	1,022	16	23'-11	1,022	16	23'-11	1,022	16	23'-11	1,022
8g1	ABUTMENT, VERTICAL-B.F.		66	8'-7	1,512	66	8'-7	1,512	66	8'-7	1,512	66	8'-7	1,512
8g3	ABUTMENT DIAPHRAGM, VERTICAL-B.F.		58	16'-6	2,555	58	16'-6	2,555	58	16'-6	2,555	58	16'-6	2,555
5j1	TOP OF SLAB AT RAIL		566	7'-0	4,132	592	7'-0	4,322	616	7'-0	4,497	642	7'-0	4,687
5k1	PAVING NOTCH, TRANSVERSE - TOP		62	4'-9	307	62	4'-9	307	62	4'-9	307	62	4'-9	307
5k2	PAVING NOTCH, TRANSVERSE - BOTT.		62	3'-5	221	62	3'-5	221	62	3'-5	221	62	3'-5	221
5p1	ABUTMENT HOOPS		124	10'-6	1,358	124	10'-6	1,358	124	10'-6	1,358	136	10'-6	1,489
6p3	ABUTMENT, BOTTOM AT PILES		40	6'-8	401	40	6'-8	401	40	6'-8	401	44	6'-8	441
AESTHETIC BARRIER RAIL - SEE BT40-BR2-04			14,029		14,538		15,047		15,557		16,123			
REINFORCING STEEL - EPOXY COATED (LB)			89,026		92,103		97,893		101,633		105,300			

REINFORCING BAR LIST			222'-0		232'-0		242'-0		252'-0		262'-0			
ONE SUPERSTRUCTURE & TWO ABUTMENTS			BTD110		BTD115		BTD120		BTD125		BTD130			
BAR	LOCATION	SHAPE	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT
5d1	PIER & ABUT. DIAPHRAGM, LONGITUDINAL		48	8'-4	417	48	8'-4	417	48	8'-4	417	48	8'-4	417
5d2	PIER & ABUT. DIAPHRAGM, LONGITUDINAL		16	6'-4	106	16	6'-4	106	16	6'-4	106	16	6'-4	106
5d3	PIER DIAPHRAGM, LONGITUDINAL		1	38'-3	40	1	38'-3	40	1	38'-3	40	1	38'-3	40
5d4	ABUTMENT DIAPHRAGM, ENDS		12	5'-5	68	12	5'-5	68	12	5'-5	68	12	5'-5	68
5d1	ABUTMENT DIAPHR. WING EXTEN. LONGIT.		48	10'-5	522	48	10'-5	522	48	10'-5	522	48	10'-5	522
5d8	MASKWALL, HORIZONTAL DOWEL		32	VARIES	237	32	VARIES	237	32	VARIES	237	32	VARIES	237
5d9	MASKWALL, HORIZONTAL DOWEL		32	VARIES	88	32	VARIES	88	32	VARIES	88	32	VARIES	88
5e1	PIER DIAPHRAGM HOOPS		24	12'-10	321	24	12'-10	321	24	12'-10	321	24	12'-10	321
5e2	PIER DIAPHRAGM TIES		24	3'-3	81	24	3'-3	81	24	3'-3	81	24	3'-3	81
8f2	ABUTMENT FOOTING-LONGITUDINAL-F.F.		20	23'-6	1,255	20	23'-6	1,255	20	23'-6	1,255	20	23'-6	1,255
8f3	ABUTMENT EXTENSION, LONGITUDINAL		16	10'-1	431	16	10'-1	431	16	10'-1	431	16	10'-1	431
8f4	ABUTMENT EXTENSION, LONGITUDINAL		16	8'-8	370	16	8'-8	370	16	8'-8	370	16	8'-8	370
8g2	ABUTMENT, VERTICAL-F.F.		60	7'-6	1,202	60	7'-6	1,202	60	7'-6	1,202	60	7'-6	1,202
6g4	ABUTMENT DIAPHR., WING EXTEN.-VERT.		40	6'-11	416	40	6'-11	416	40	6'-11	416	40	6'-11	416
4g5	MASKWALL, VERTICAL		48	VARIES	155	48	VARIES	155	48	VARIES	155	48	VARIES	155
4g6	MASKWALL, VERTICAL-HOOP		4	3'-10	10	4	3'-10	10	4	3'-10	10	4	3'-10	10
5g7	MASKWALL, VERTICAL-RADIAL		8	11'-2	93	8	11'-2	93	8	11'-2	93	8	11'-2	93
5h1	WING, HORIZONTAL		56	6'-8	389	56	6'-8	389	56	6'-8	389	56	6'-8	389
5h2	ABUTMENT TO WING ANCHOR		8	4'-0	33	8	4'-0	33	8	4'-0	33	8	4'-0	33
5p2	ABUTMENT EXTENSION HOOPS		24	10'-6	263	24	10'-6	263	24	10'-6	263	24	10'-6	263
5b1	WING, VERTICAL		56	VARIES	263	56	VARIES	263	56	VARIES	263	56	VARIES	263
4t1	UNDER BEAMS AT ABUTMENTS		10	5'-7	37	10	5'-7	37	10	5'-7	37	10	5'-7	37
#2 PILE SPIRAL			24	38'-6	154	24	38'-6	154	24	38'-6	154	26	38'-6	167
SPIRAL SPACERS, 1 1/4 x 1/4 x 1/4 x 0.75			48	1'-10	62	48	1'-10	62	48	1'-10	62	52	1'-10	67
REINFORCING STEEL (LB)			7,013		7,013		7,013		7,031		7,031			

BENT BAR DETAILS



NOTE: ALL DIMENSIONS ARE OUT TO OUT. D= PIN DIAMETER.

NOTES:

SEE BT40-SAI-04 FOR CONCRETE PLACEMENT AND QUANTITY TABLE.

SEE BT40-TSI-04 FOR SUPERSTRUCTURE NOTES.



STANDARD DESIGN - 40' ROADWAY, 2 SPAN BRIDGES

**PRETENSIONED PRESTRESSED
BULB TEE CONCRETE BEAM BRIDGES**

ALL SPANS

JULY, 2004

**SUPERSTRUCTURE &
ABUTMENTS BAR LISTS** BT40-SA5-04
0° SKEW