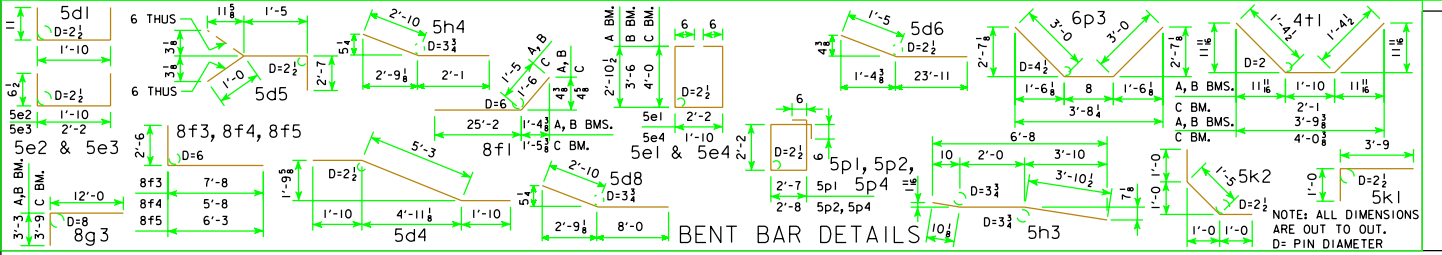


REVISED 11-09 - THE WING & ABUTMENT QUANTITIES WERE CHANGED.

EPOXY COATED REINFORCING

REINFORCING BAR LIST ONE SUPERSTRUCTURE AND TWO ABUTMENTS		ξ-ξ	ABUT. BRG.		138'-10		151'-4		163'-10		176'-4		188'-10		201'-4		213'-10		226'-4		243'-0								
		ξ-ξ	BEAM	BRG.	BEAM	BRG.	BEAM	BRG.	BEAM	BRG.	BEAM	BRG.	BEAM	BRG.	BEAM	BRG.	BEAM	BRG.	BEAM	BRG.	BEAM	BRG.							
BAR	LOCATION	SHAPE	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT						
601	SLAB TRANSV. TOP & BOTT.	=====	311	46'-10	21,877	341	46'-10	23,987	371	46'-10	26,098	401	46'-10	28,208	431	46'-10	30,318	461	46'-10	32,428	491	46'-10	34,539						
602	SLAB TRANSV. TOP ENDS	=====	28	VARIES	973	28	VARIES	973	28	VARIES	973	28	VARIES	973	28	VARIES	973	28	VARIES	973	28	VARIES	973						
603	SLAB TRANSV. BOTT. ENDS	=====	28	VARIES	1,039	28	VARIES	1,039	28	VARIES	1,039	28	VARIES	1,039	28	VARIES	1,039	28	VARIES	1,039	28	VARIES	1,039						
5b1	SLAB LONGITUDINAL, TOP & BOTT.	=====	212	40'-0	8,845	318	40'-0	13,267	318	40'-0	13,267	318	40'-0	13,267	318	40'-0	13,267	424	40'-0	17,689	424	40'-0	17,689						
5b2	SLAB LONGITUDINAL, TOP & BOTT., ENDS	=====	212	33'-10	7,481	212	21'-1	4,662	212	27'-4	6,044	212	33'-7	7,426	212	39'-10	8,808	212	27'-1	5,989	212	33'-4	7,371						
6b3	SLAB LONGITUDINAL, TOP @ PIERS	=====	98	12'-10	1,889	98	13'-10	2,036	98	14'-10	2,183	98	15'-10	3,172	98	17'-0	3,405	98	18'-0	3,606	98	19'-0	4,972						
7b3	SLAB LONGITUDINAL, TOP @ PIERS	=====	98	12'-10	1,889	98	13'-10	2,036	98	14'-10	2,183	98	15'-10	3,172	98	17'-0	3,405	98	18'-0	3,606	98	19'-0	4,972						
8b3	SLAB LONGITUDINAL, TOP @ PIERS	=====	98	12'-10	1,889	98	13'-10	2,036	98	14'-10	2,183	98	15'-10	3,172	98	17'-0	3,405	98	18'-0	3,606	98	19'-0	4,972						
5d1	PIER DIAPH. ENDS	=====	12	3'-8	46	12	3'-8	46	12	3'-8	46	12	3'-8	46	12	3'-8	46	12	3'-8	46	12	3'-8	46						
5d2	PIER & ABUT. DIAPH. LONGIT.	=====	108	6'-4	713	108	6'-4	713	108	6'-4	713	108	6'-4	713	108	6'-4	713	108	6'-4	713	108	6'-4	713						
5d3	PIER & ABUT. DIAPH. LONGIT.	=====	36	5'-5	203	36	5'-5	203	36	5'-5	203	36	5'-5	203	36	5'-5	203	36	5'-5	203	36	5'-5	203						
5d4	PIER DIAPH. LONGIT.	=====	12	8'-11	112	12	8'-11	112	12	8'-11	112	12	8'-11	112	12	8'-11	112	12	8'-11	112	12	8'-11	112						
5d5	ABUT. DIAPH. ENDS	=====	12	5'-0	63	12	5'-0	63	12	5'-0	63	12	5'-0	63	12	5'-0	63	12	5'-0	63	12	5'-0	63						
5d6	ABUT. DIAPH. LONGIT. B.F.	=====	16	25'-4	423	16	25'-4	423	16	25'-4	423	16	25'-4	423	16	25'-4	423	16	25'-4	423	16	25'-4	423						
5d7	PAVING NOTCH LONGIT.	=====	8	25'-0	209	8	25'-0	209	8	25'-0	209	8	25'-0	209	8	25'-0	209	8	25'-0	209	8	25'-0	209						
5d8	ABUT. DIAPH. WING EXT. LONGIT.	=====	24	10'-10	271	24	10'-10	271	24	10'-10	271	24	10'-10	271	24	10'-10	271	24	10'-10	271	24	10'-10	271						
5d9	ABUT. DIAPH. WING EXT. LONGIT.	=====	24	10'-10	271	24	10'-10	271	24	10'-10	271	24	10'-10	271	24	10'-10	271	24	10'-10	271	24	10'-10	271						
5e1	PIER DIAPH. HOOPS	=====	48	8'-11	446	48	8'-11	446	48	10'-2	509	48	10'-2	509	48	10'-2	509	48	11'-2	559	48	11'-2	559						
5e2	PIER DIAPH. TIES ENDS	=====	4	2'-11	12	4	2'-11	12	4	2'-11	12	4	2'-11	12	4	2'-11	12	4	2'-11	12	4	2'-11	12						
5e3	PIER DIAPH. TIES	=====	48	3'-3	163	48	3'-3	163	48	3'-3	163	48	3'-3	163	48	3'-3	163	48	3'-3	163	48	3'-3	163						
5e4	PIER DIAPH. HOOPS ENDS	=====	4	8'-7	36	4	8'-7	36	4	9'-10	41	4	9'-10	41	4	9'-10	41	4	10'-10	45	4	10'-10	45						
8f1	ABUT. FOOTING LONGIT.	=====	36	26'-7	2,555	36	26'-7	2,555	36	26'-7	2,555	36	26'-7	2,555	36	26'-7	2,555	36	26'-8	2,563	36	26'-8	2,563						
8f3	ABUT. EXTENSION LONGIT.	=====	16	10'-2	434	16	10'-2	434	16	10'-2	434	16	10'-2	434	16	10'-2	434	16	10'-2	434	16	10'-2	434						
8f4	ABUT. EXTENSION LONGIT.	=====	8	8'-2	174	8	8'-2	174	8	8'-2	174	8	8'-2	174	8	8'-2	174	8	8'-2	174	8	8'-2	174						
8f5	ABUT. EXTENSION LONGIT.	=====	8	8'-9	187	8	8'-9	187	8	8'-9	187	8	8'-9	187	8	8'-9	187	8	8'-9	187	8	8'-9	187						
8g1	ABUT. VERT.	=====	158	6'-8	2,812	158	6'-8	2,812	158	7'-3	3,058	158	7'-3	3,058	158	7'-3	3,058	154	7'-9	3,187	154	7'-9	3,187						
8g3	ABUT. DIAPH. VERT. B.F.	=====	74	15'-3	3,013	74	15'-3	3,013	74	15'-3	3,013	74	15'-3	3,013	74	15'-3	3,013	74	15'-9	3,112	74	15'-9	3,112						
6g4	ABUT. DIAPH. WING EXT. VERT.	=====	40	6'-6	391	40	6'-6	391	40	6'-6	391	40	6'-6	391	40	6'-6	391	40	6'-6	391	40	6'-6	391						
5h1	ABUT. WING HORIZ. B.F.	=====	28	6'-8	195	28	6'-8	195	28	6'-8	195	28	6'-8	195	28	6'-8	195	36	6'-8	250	36	6'-8	250						
5h2	ABUT. TO WING ANCHOR	=====	56	4'-11	287	56	4'-11	287	56	4'-11	287	56	4'-11	287	56	4'-11	287	12	4'-11	62	12	4'-11	62						
5h3	ABUT. WING HORIZ. TRAFFIC FACE	=====	28	6'-9	197	28	6'-9	197	28	6'-9	197	28	6'-9	197	28	6'-9	197	36	6'-9	253	36	6'-9	253						
5h4	ABUT. TO WING ANCHOR	=====	12	4'-11	62	12	4'-11	62	12	4'-11	62	12	4'-11	62	12	4'-11	62	12	4'-11	62	12	4'-11	62						
5j1	TOP OF SLAB TRANSV. (AT RAIL)	=====	336	6'-3	2,190	366	6'-3	2,386	396	6'-3	2,581	426	6'-3	2,777	456	6'-3	2,973	486	6'-3	3,168	516	6'-3	3,364						
5k1	PAVING NOTCH	=====	78	4'-9	386	78	4'-9	386	78	4'-9	386	78	4'-9	386	78	4'-9	386	78	4'-9	386	78	4'-9	386						
5k2	PAVING NOTCH	=====	78	3'-5	278	78	3'-5	278	78	3'-5	278	78	3'-5	278	78	3'-5	278	78	3'-5	278	78	3'-5	278						
5p1	ABUTMENT HOOPS (WOOD/STEEL)	=====	112/144	10'-6	1,227/1577	120/144	10'-6	1,314/1577	128/144	10'-6	1,402/1577	128/140	10'-6	1,402/1533	136/140	10'-6	1,489/1533	148	10'-6	1,621	136	10'-6	1,489						
5p2	ABUTMENT HOOPS	=====	8	10'-8	89	8	10'-8	89	8	10'-8	89	8	10'-8	89	8	10'-8	89	24	10'-8	267	24	10'-8	267						
6p3	ABUT. BOTT. AT PILES	=====	32	6'-8	320	36	6'-8	360	36	6'-8	360	36	6'-8	360	36	6'-8	360	36	6'-8	360	36	6'-8	360						
5p4	ABUT. HOOPS AT ENDS	=====	8	10'-8	89	8	10'-8	89	8	10'-8	89	8	10'-8	89	8	10'-8	89	8	10'-8	89	8	10'-8	89						
5s1	WING VERT.	=====	64	5'-10	389	64	5'-10	389	64	6'-2	412	64	6'-2	412	64	6'-2	412	64	6'-11	462	64	6'-11	462						
4f1	UNDER BEAMS AT ABUTMENTS	=====	14	4'-7	43	14	4'-7	43	14	4'-7	43	14	4'-7	43	14	4'-7	43	14	4'-10	45	14	4'-10	45						
#2	PILE SPIRAL (WOOD/STEEL)* SPIRAL SPACERS, L 7/8 x 7/8 x 1/8 x 0.70 (WOOD/STL)* *EPOXY COATING NOT REQUIRED SUB TOTAL W/ WOOD PILES** SUB TOTAL W/ STEEL H-PILES** **RAIL REINFORCING NOT INCLUDED	=====	30/14 90/42	38'-6 1'-10	193/90 116/54	32/14 96/42	38'-6 1'-10	206/90 123/54	34/14 102/42	38'-6 1'-10	219/90 131/54	34/16 102/48	38'-6 1'-10	219/103 131/62	36/16 108/48	38'-6 1'-10	231/103 139/62	20 60	38'-6 1'-10	129 77	22 66	38'-6 1'-10	141 85	22 66	38'-6 1'-10	141 85	22 66	38'-6 1'-10	141 85
					58,500 58,685			62,663 62,741			66,944 66,913			71,621 71,567			75,649 75,488			82,292			87,275			91,228			96,401
	BARRIER RAIL OPEN RAIL				8,215 8,958			8,788 9,491			9,347 10,205			9,879 10,921			10,478 11,454			11,445 13,399			12,003 13,870			12,576 14,648			13,312 15,438



LATEST REVISION DATE
11-09

APPROVED BY BRIDGE ENGINEER
Thomas E. McQuinn

STANDARD DESIGN - 44' ROADWAY, THREE SPAN BRIDGE
PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES
MARCH, 2007

DECK & ABUTMENT REINF.
15° SKEW

H44-16-07