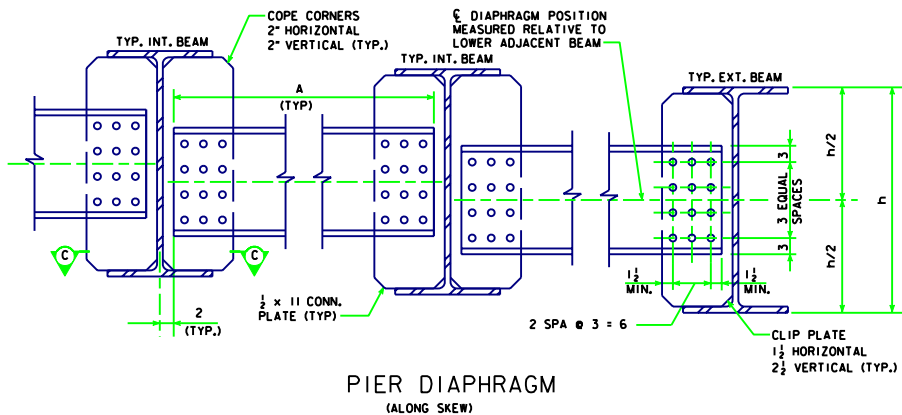
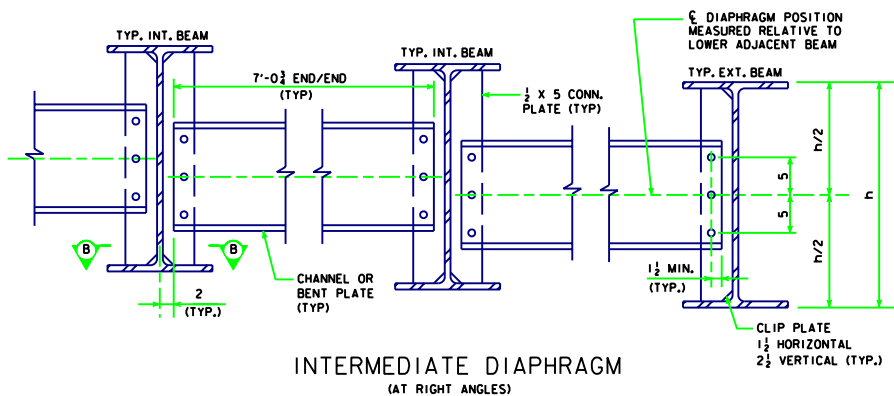
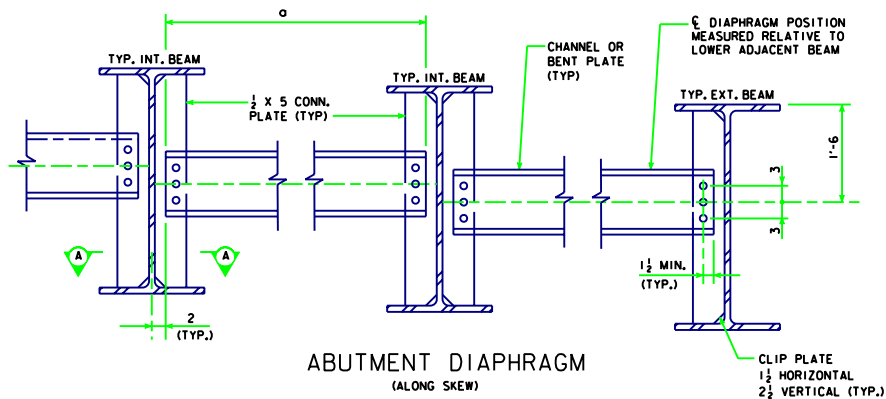
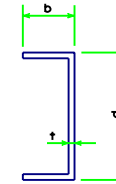




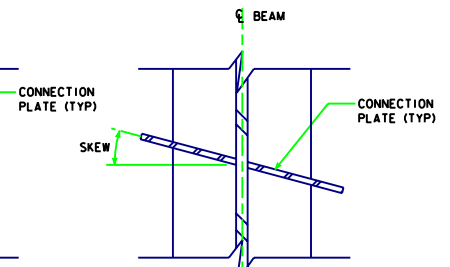
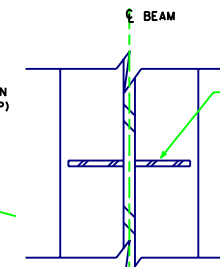
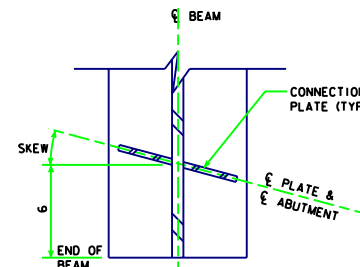
SKEW	a (FT-IN)
0°	7'-0 1/2
10°	7'-2 1/8
20°	7'-6 3/8
30°	8'-1 1/8

SKEW	A (FT-IN)
0°	7'-0 1/2
10°	7'-2 1/8
20°	7'-6 3/8
30°	8'-1 1/8



BENT PLATE DIAPHRAGM OPTION

DIAPHRAGM MEMBER OPTIONS							
DIAPHRAGM LOCATION	BEAM SIZE	CHANNEL OPTION		BENT PLATE OPTION			
		DESIGNATION	CONN. BOLTS	d (IN)	b (IN)	t (IN)	CONN. BOLTS
INTERMEDIATE	W30 & W33	C15x33.9	3 - 1/2"	15	4	3/8	3 - 1/2"
INTERMEDIATE	W36 & W40	MC18x42.7	3 - 1/2"	18	4	3/8	3 - 1/2"
ABUTMENT	ALL	C12x20.7	3 - 1/2"	12	4	3/8	3 - 1/2"
PIER	W30 OR W33	C15x33.9	12 - 1/2"	15	4	3/8	12 - 1/2"
PIER	W36 & W40	MC18x42.7	12 - 1/2"	18	4	3/8	12 - 1/2"



NOTES:
1. EITHER CHANNEL OR BENT PLATE DIAPHRAGM OPTION MAY BE SELECTED AT CONTRACTOR'S OPTION.

LATEST REVISION DATE	 APPROVED BY BRIDGE ENGINEER	 STANDARD DESIGN - 40' ROADWAY, 3 SPAN BRIDGES ROLLED STEEL BEAM BRIDGES FEBRUARY, 2004	
		DIAPHRAGM DETAILS SHEET 1 OF 2	
		RS40-62-04	