

BEAM SPAN SCHEDULE																				
30' SPAN	35' SPAN	40' SPAN	45' SPAN	50' SPAN	55' SPAN	60' SPAN	65' SPAN	70' SPAN	75' SPAN	80' SPAN	85' SPAN	90' SPAN	95' SPAN	100' SPAN	105' SPAN	110' SPAN	115' SPAN	120' SPAN	125' SPAN	130' SPAN
TYPE II	TYPE II	TYPE II	TYPE II	TYPE II	TYPE II															
TYPE B	TYPE B	TYPE B	TYPE B	TYPE B																
			TYPE III	TYPE III	TYPE III	TYPE III	TYPE III	TYPE III	TYPE III											
			TYPE C	TYPE C	TYPE C	TYPE C	TYPE C													
							TYPE IV	TYPE IV	TYPE IV	TYPE IV	TYPE IV	TYPE IV	TYPE IV	TYPE IV						
													TYPE BT-72	TYPE BT-72	TYPE BT-72	TYPE BT-72	TYPE BT-72			
													TYPE J	TYPE J	TYPE J	TYPE J	TYPE J	TYPE J	TYPE J	TYPE J
W27x84	W30x90	W30x99	W30x116	W33x130	W36x135	W36x150	W40x167	W40x183	W40x199	W40x215	W40x249	W40x277	W40x297	W40x324						

NOTE:
P.C. Beam Type II, B, III, C, IV, BT-72 and J provided in the standards have been designed for Live Loads for a skew angle up to 30°. All steel beams provided in the standards have been designed for Live Loads for a skew angle up to 30° provided that the diaphragms are not staggered.

ABUTMENTS ①			
	BEAM TYPE	INTEGRAL	CONVENTIONAL
PRECAST CONCRETE BEAMS	TYPE II and TYPE B	B40-I-ABUT-PC2-1 B-40E B40-I-ABUT-PC2-2 B-41E B40-I-ABUT-MISC B-60E	B40-C-ABUT-PC2-1 B-240E B40-C-ABUT-PC2-2 B-241E B40-C-ABUT-MISC B-260E
	TYPE III and TYPE C	B40-I-ABUT-PC3-1 B-42E B40-I-ABUT-PC3-2 B-43E B40-I-ABUT-MISC B-60E	B40-C-ABUT-PC3-1 B-242E B40-C-ABUT-PC3-2 B-243E B40-C-ABUT-MISC B-260E
	TYPE IV	B40-I-ABUT-PC4-1 B-44E B40-I-ABUT-PC4-2 B-45E B40-I-ABUT-MISC B-60E	B40-C-ABUT-PC4-1 B-244E B40-C-ABUT-PC4-2 B-245E B40-C-ABUT-MISC B-260E
	TYPE BT-72 and TYPE J	B40-I-ABUT-PC5-1 B-46E B40-I-ABUT-PC5-2 B-47E B40-I-ABUT-MISC B-60E	B40-C-ABUT-PC5-1 B-246E B40-C-ABUT-PC5-2 B-247E B40-C-ABUT-MISC B-260E
ROLLED BEAMS	W27, W30 and W33 (30' thru 50' SPANS)	B40-I-ABUT-RB-3050-1 B-48E B40-I-ABUT-RB-3050-2 B-49E B40-I-ABUT-MISC B-60E	B40-C-ABUT-RB-3050-1 B-248E B40-C-ABUT-RB-3050-2 B-249E B40-C-ABUT-MISC B-260E
	W36 and W40 (55' thru 100' SPANS)	B40-I-ABUT-RB-55100-1 B-50E B40-I-ABUT-RB-55100-2 B-51E B40-I-ABUT-MISC B-60E	B40-C-ABUT-RB-55100-1 B-250E B40-C-ABUT-RB-55100-2 B-251E B40-C-ABUT-MISC B-260E

① Wing standards accommodate 1.5% maximum grade from Back Face of Abutment to End of Wing. Quantities for Piles and 6" Non-Perforated Pipe Underdrain must be computed for each application.

APPROVED BY BRIDGE ENGINEER	<i>Scott J. Smith</i>	DATE	4/2/10
OKLAHOMA DEPT. OF TRANSPORTATION BRIDGE STANDARD (ENGLISH) REFERENCE GUIDE TO STANDARD SERIES B40 (SHEET 2 OF 5)			
2009 SPECIFICATIONS	B40-GUIDE-2	02E	B-16E