



NOTE: CONCRETE DECK SLAB SHALL BE PLACED IN SECTIONS AND SEQUENCES INDICATED. ALTERNATE PROCEDURES FOR PLACING SLAB CONCRETE MAY BE SUBMITTED FOR APPROVAL TOGETHER WITH A STATEMENT OF THE PROPOSED METHOD AND EVIDENCE THAT THE CONTRACTOR POSSESSES THE NECESSARY EQUIPMENT AND FACILITIES TO ACCOMPLISH THE REQUIRED RESULTS.

GENERAL DATA			ℓ-ℓ	ABUT. BRG.	138'-10"	151'-4"	163'-10"	176'-4"	188'-10"	201'-4"	213'-10"	226'-4"	243'-0"
VERTICAL CURVE	TOP OF SLAB TO ABUT. CONSTR. JT. AT C.L. ABUT. BRG.	"U"	3'-7 $\frac{1}{2}$ "	3'-7 $\frac{1}{2}$ "	4'-2 $\frac{1}{2}$ "	4'-2 $\frac{1}{2}$ "	4'-3"	4'-8 $\frac{1}{2}$ "	4'-8 $\frac{1}{2}$ "	4'-9"	4'-9 $\frac{1}{2}$ "		
	TOP OF SLAB TO PIER TOP AT C.L. PIER*	"U"	3'-6 $\frac{1}{2}$ "	3'-6 $\frac{1}{2}$ "	4'-1 $\frac{1}{2}$ "	4'-1 $\frac{1}{2}$ "	4'-1 $\frac{1}{2}$ "	4'-7 $\frac{1}{2}$ "	4'-7 $\frac{1}{2}$ "	4'-7 $\frac{1}{2}$ "	4'-7 $\frac{1}{2}$ "	4'-7 $\frac{1}{2}$ "	
STRAIGHT GRADE	TOP OF SLAB TO ABUT. CONSTR. JT. AT C.L. ABUT. BRG.	"U"	3'-8 $\frac{1}{2}$ "	3'-7 $\frac{1}{2}$ "	4'-2 $\frac{1}{2}$ "	4'-2 $\frac{1}{2}$ "	4'-3 $\frac{1}{2}$ "	4'-8 $\frac{1}{2}$ "	4'-8 $\frac{1}{2}$ "	4'-9 $\frac{1}{2}$ "	4'-10"		
	TOP OF SLAB TO PIER TOP AT C.L. PIER*	"U"	3'-6 $\frac{1}{2}$ "	3'-6 $\frac{1}{2}$ "	4'-1 $\frac{1}{2}$ "	4'-1 $\frac{1}{2}$ "	4'-2 $\frac{1}{2}$ "	4'-7 $\frac{1}{2}$ "	4'-7 $\frac{1}{2}$ "	4'-7 $\frac{1}{2}$ "	4'-8 $\frac{1}{2}$ "	4'-8 $\frac{1}{2}$ "	
D.L. PIER REACTION (D.L. + F.W.S.)			KIPS	345.7	373.7	426.8	456.3	485.9	583.8	617.0	650.6	683.4	
L.L. PIER REACTION (HL93) NO IMPACT			KIPS	207.6	215.3	222.7	229.9	237.0	244.0	253.2	268.2	284.4	
NO. OF SPACES FOR 6#1 BARS (TOP)			"B"	169	184	199	214	229	244	259	274	294	
NO. OF SPACES FOR 6#1 BARS (BOTTOM) AND 5#1 BARS (TOP)			"D"	168	183	198	213	228	243	258	273	293	
OUT TO OUT OF SLAB			"S"	141'-10"	154'-4"	166'-10"	179'-4"	191'-10"	204'-4"	216'-10"	229'-4"	246'-0"	
SLAB TRANSVERSE CONSTR. JT. DISTANCE FROM C.L. PIER			"X"	6'-7"	7'-1"	7'-7"	8'-1"	8'-8"	9'-2"	9'-8"	10'-2"	10'-2"	

** WINGWALLS APPLY ONLY TO BRIDGES USING "C" BEAMS.

07-10 LATEST REVISION DATE	 Iowa Department of Transportation <i>Highway Division</i>	
	STANDARD DESIGN - 30' ROADWAY, THREE SPAN BRIDGES PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES DECEMBER, 2006	
07-10 LATEST REVISION DATE	APPROVED BY  M. E. Smith APPROVED BY BRIDGE ENGINEER	SUPERSTRUCTURE DETAILS 0° SKEW
		H30-09-06