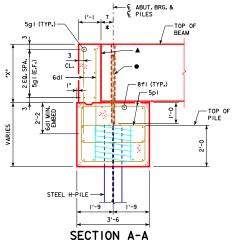


ABUTMENT DATA								
	REINFORCED CONCRETE BOX BEAMS			PRETENSIONED PRESTRESSED CONCRETE BOX BEAMS				
SPAN	30'-0	40'-0	50'-0	30'-0	40'-0	50'-0	60'-0	70'-0
"X" (FT IN.)	2'-43	2'-43	2'-104	1'-103	1'-103	2'-44	2'-43	2'-103
"A" PILE SPACES	5	5	6	5	5	6	7	7
"B" (FT IN.)	7′-0	7′-0	5′-10	7′-0	7′-0	5′-10	5′-0	5′-0
"D" EQUAL SPACES	5	5	4	5	5	4	3	3
NO. OF HPIOx57 PILES PER ABUT.	6	6	7	6	6	7	8	8
Pu, STRENGTH I DESIGN LOAD (KIPS)	117	136	137	114	132	132	128	144

PU, STRENGTH I DESIGN LOAD (KIPS) IS NOT THE VALUE USED IN THE FIELD FOR DRIVING PILES.



2"♦× "THICK POLYSTYRENE PLUG ON TOP OF DOWEL. FILL REMAINDER OF HOLE ABOVE PLUG WITH NON-SHRINK GROUT.

\* THIS DIMENSION MAY VARY. TILTING OF THE BACKWALL DURING CONSTRUCTION MAY BE NECESSARY TO ACCOMMODATE BEAM CAMBER AND

CONSTITUCTION MAT BE NECESSARY TO ACCOMMUDATE BEAM CAMBER AND LONGITUDINAL GRADE.

11 B SPIRAL AT THE TOP OF EACH PILE TO BE 7 TURNS OF NO. 2 BAR, 21\* DIAMETER, 3\* PITCH WITH 3-L\_1 × 1 × 1 SPACERS PUNCHED TO HOLD SPIRAL. A FOR CAST-IN-PLACE ABUTHENT BACKWALLS, CAST BACKWALL CONCRETE DIRECTLY AGAINST ENDS OF CONCRETE BOXES.



B30-10-16