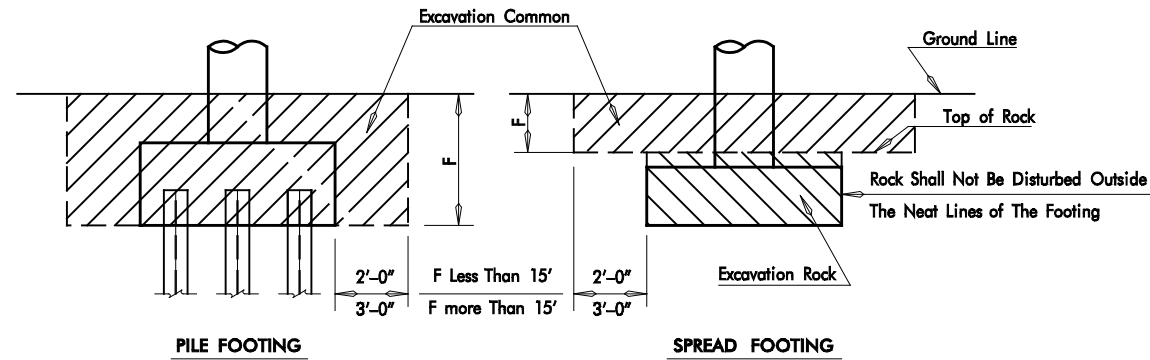


**PIER SCHEDULE**

SUPERSTRUCTURE	SKEW	SPAN RANGE ①	PIER HEIGHT RANGE H	CAP TYPE	COLUMN TYPE	PILE FOOTINGS		SPREAD FOOTING TYPE		SUPERSTRUCTURE	SKEW	SPAN RANGE ①	PIER HEIGHT RANGE H	CAP TYPE	COLUMN TYPE	PILE FOOTINGS		SPREAD FOOTING TYPE	
								MAX. BRG. PRESSURE										MAX. BRG. PRESSURE	
								4 T.S.F. DIRECT 5 T.S.F. COMBINED	8 T.S.F. DIRECT 10 T.S.F. COMBINED									4 T.S.F. DIRECT 5 T.S.F. COMBINED	8 T.S.F. DIRECT 10 T.S.F. COMBINED
26'-0" AND 26'-9" ROADWAY  PRESTRESSED CONCRETE BEAMS	0°	40' TO 50'	BELOW 15'	CAP 1	COL. 1	PF1	HP10x42	SF3	SF1	32'-0" AND 32'-9" ROADWAY  PRESTRESSED CONCRETE BEAMS	0°	40' TO 50'	BELOW 15'	CAP 7	COL. 1	PF1	HP10x42	SF4	SF1
			15' to 20'	CAP 1	COL. 1	PF1	HP10x42	SF3	SF2				15' to 20'	CAP 7	COL. 1	PF1	HP10x42	SF4	SF1
			20' to 25'	CAP 1	COL. 1	PF2	HP10x42	SF3	SF3				20' to 25'	CAP 7	COL. 1	PF2	HP10x42	SF4	SF3
			25' to 30'	CAP 1	COL. 1	PF4	HP10x42	SF4	SF4				25' to 30'	CAP 7	COL. 1	PF4	HP10x42	SF5	SF5
		55' TO 70'	BELOW 15'	CAP 2	COL. 1	PF3	HP10x42	SF5	SF1			55' TO 70'	BELOW 15'	CAP 8	COL. 1	PF1	HP12x53	SF7	SF1
			15' to 20'	CAP 2	COL. 1	PF3	HP10x42	SF5	SF1				15' to 20'	CAP 8	COL. 1	PF2	HP12x53	SF7	SF2
			20' to 25'	CAP 2	COL. 1	PF3	HP10x42	SF5	SF3				20' to 25'	CAP 8	COL. 1	PF3	HP12x53	SF7	SF3
			25' to 30'	CAP 2	COL. 1	PF4	HP10x42	SF7	SF7				25' to 30'	CAP 8	COL. 1	PF4	HP12x53	SF7	SF5
		75' TO 105'	BELOW 15'	CAP 3	COL. 1	PF5	HP10x42	SF9	SF3			75' TO 105'	BELOW 15'	CAP 9	COL. 1	PF5	HP12x53	SF11	SF6
			15' to 20'	CAP 3	COL. 1	PF5	HP10x42	SF9	SF3				15' to 20'	CAP 9	COL. 1	PF5	HP12x53	SF11	SF6
			20' to 25'	CAP 3	COL. 1	PF5	HP10x42	SF9	SF4				20' to 25'	CAP 9	COL. 2	PF6	HP12x53	SF18	SF14
			25' to 30'	CAP 3	COL. 2	PF6	HP10x42	SF16	SF15				25' to 30'	CAP 9	COL. 3	PF7	HP12x53	SF20	SF20
	30°	40' TO 50'	BELOW 15'	CAP 4	COL. 1	PF1	HP10x42	SF3	SF3	30°	40' TO 50'	BELOW 15'	CAP 10	COL. 1	PF1	HP10x42	SF4	SF2	
			15' to 20'	CAP 4	COL. 1	PF1	HP10x42	SF4	SF4			15' to 20'	CAP 10	COL. 1	PF1	HP10x42	SF4	SF4	
			20' to 25'	CAP 4	COL. 1	PF2	HP10x42	SF7	SF7			20' to 25'	CAP 10	COL. 1	PF2	HP10x42	SF7	SF7	
			25' to 30'	CAP 4	COL. 1	PF4	HP10x42	SF9	SF9			25' to 30'	CAP 10	COL. 1	PF4	HP10x42	SF8	SF8	
		55' TO 70'	BELOW 15'	CAP 5	COL. 1	PF3	HP10x42	SF5	SF3		55' TO 70'	BELOW 15'	CAP 11	COL. 1	PF3	HP12x53	SF7	SF2	
			15' to 20'	CAP 5	COL. 1	PF3	HP10x42	SF5	SF5			15' to 20'	CAP 11	COL. 1	PF3	HP12x53	SF7	SF5	
			20' to 25'	CAP 5	COL. 1	PF3	HP10x42	SF8	SF8			20' to 25'	CAP 11	COL. 1	PF3	HP12x53	SF8	SF8	
			25' to 30'	CAP 5	COL. 1	PF4	HP10x42	SF10	SF10			25' to 30'	CAP 11	COL. 2	PF6	HP12x53	SF17	SF17	
		75' TO 105'	BELOW 15'	CAP 6	COL. 1	PF5	HP10x42	SF9	SF3		75' TO 105'	BELOW 15'	CAP 12	COL. 1	PF5	HP12x53	SF11	SF6	
			15' to 20'	CAP 6	COL. 1	PF5	HP10x42	SF9	SF5			15' to 20'	CAP 12	COL. 1	PF5	HP12x53	SF11	SF6	
			20' to 25'	CAP 6	COL. 2	PF6	HP10x42	SF17	SF17			20' to 25'	CAP 12	COL. 2	PF6	HP12x53	SF18	SF16	
			25' to 30'	CAP 6	COL. 3	PF7	HP12x53	SF20	SF20			25' to 30'	CAP 12	COL. 3	PF7	HP12x53	SF21	SF21	

① Span length shall be considered as the average length of the two adjacent spans



**PIER EXCAVATION DIAGRAM**

PIER FOOTINGS:  
CONCRETE IN THE FOOTINGS OF THE PIERS SHALL BE POURED AGAINST THE FIRM FOUNDATION MATERIAL. THE QUANTITY OF CLASS A CONCRETE AND SUBSTRUCTURE EXCAVATION ROCK, PAID FOR UNDER THESE ITEMS, SHALL BE THE AMOUNT WITHIN THE NEAT LINES OF THE FOOTINGS AS SHOWN ON THESE PLANS. ANY VARIATION IN THE ELEVATION OF PIER BASES SHALL BE TAKEN CARE OF IN THE COLUMN. ALL COST OF SUCH VARIATION SHALL BE INCLUDED IN THE CLASS A CONCRETE, REINFORCING STEEL, AND SUBSTRUCTURE EXCAVATION COMMON BID ITEMS. THE FIRM FOUNDATION MATERIAL SHALL NOT BE DISTURBED OUTSIDE THE NEAT LINES OF THE FOOTING BELOW THE TOP OF ROCK OR TOP OF FOOTING, WHICHEVER IS LOWER.

APPROVED BY BRIDGE ENGINEER:	DATE:
OKLAHOMA DEPT. OF TRANSPORTATION COUNTY BRIDGE STANDARD ( ENGLISH ) <b>PIER SUMMARY SCHEDULE FOR PIERS                  UNDER PRESTRESSED CONCRETE BEAMS</b>	
1999 SPECIFICATIONS	PIER6-2 OOE