



PILE LAYOUT PLAN

PILE SUMMARY TABLE

LOCATION	NUMBER OF PILES	PILE SIZE	PILE CUT-OFF ELEVATION**	ESTIMATED AVERAGE PILE LENGTH	REMARKS	PILE DESIGN LOAD	ULTIMATE BEARING VALUE - R
REAR ABUTMENT	1 THRU 7, 10	12" CIPRCP	790.62±	60 FT.	BATTER 1:4	49 TONS PER PILE	98 TONS PER PILE
	8, 9				VERTICAL		
PIER 1	11 THRU 16	12" CIPRCP	776.05	40 FT.	VERTICAL	40 TONS PER PILE	80 TONS PER PILE
PIER 2	17 THRU 22	12" CIPRCP	776.25	35 FT.	VERTICAL	40 TONS PER PILE	80 TONS PER PILE
PIER 3	23 THRU 28	12" CIPRCP	776.45	40 FT.	VERTICAL	40 TONS PER PILE	80 TONS PER PILE
PIER 4	29 THRU 34	12" CIPRCP	776.65	45 FT.	VERTICAL	40 TONS PER PILE	80 TONS PER PILE
PIER 5	35 THRU 40	12" CIPRCP	776.85	45 FT.	VERTICAL	40 TONS PER PILE	80 TONS PER PILE
FORWARD ABUTMENT	41 THRU 45; 48; 49; 50	12" CIPRCP	791.07±	55 FT.	BATTER 1:4	45 TONS PER PILE	90 TONS PER PILE
	46; 47				VERTICAL		

LEGEND

- - 12" DIAMETER CAST-IN-PLACE REINFORCED CONCRETE PILE (12" CIPRCP)
- - EXISTING 12" DIAMETER CAST-IN-PLACE REINFORCED CONCRETE PILE
- ↓ - PILE BATTER DIRECTION (1:4)
- (XX) - PILE NUMBER

NOTES:

- * - FOR REFERENCE LINE DIAGRAM, SEE SHEET 2/41.
- ** - PILE CUT-OFF ELEVATIONS ARE BASED ON 1'-0" EMBEDMENT ABOVE BOTTOM OF FOOTING ELEVATIONS. THE CONTRACTOR SHALL FIELD VERIFY THE EXISTING BOTTOM OF ABUTMENT FOOTING ELEVATIONS AND ADJUST THE CUT-OFF ELEVATION TO PROVIDE A MINIMUM 1'-0" EMBEDMENT.

- 1. FOR LIMITS OF EXISTING ABUTMENTS AND PIERS REMOVAL, SEE SHEET 13/41.
- 2. NOTATION: TYP.-TYPICAL; STA.-STATION; BRG.-BEARING; FWD.-FORWARD.