

MANDATORY DECK POURING SEQUENCE - SPANS 5 THRU 7

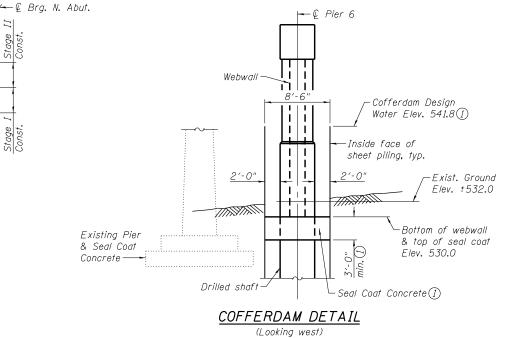
(No mandatory sequence - Spans 1 thru 4)

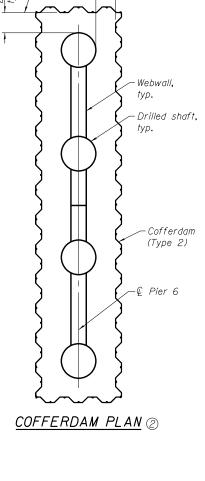
Sequence

(Minimum Section Modulus = 10 in³/ft)

- 1. Pour 1 shall consist of the three areas identified as Pour 1 in the above sketch.

 All three Pour 1 areas shall be poured on the same day. The order in which the
 Pour 1 areas are completed and the direction of the pours are arbitrary and shall
 be determined by the Contractor.
- 2. Pour 2 shall not begin until both of the following are met:
 - a. At least 72 hours shall have elapsed from the end of Pour 1.
 - b. The concrete strength shall have attained a minimum flexural strength of 650 psi or a minimum compressive strength of 3500 psi.
- 3. Pour 2 shall consist of the two areas identified as Pour 2 in the above sketch. Both Pour 2 areas shall be poured on the same day. The order in which the Pour 2 areas are completed and the direction of the pours are arbitrary and shall be determined by the Contractor.





Stage I Sheeting Stage I Sheeting Stage II Sheeting Top of sheet piling Stage II Sheeting -Top of sheet piling Elev. 560.50 Elev. 560.50 1.29 Elev. 552.43 1.29 Elev. 551.65 Maximum excavation line-Elev. 550.37 2.57 Maximum -Minimum tip elevation excavation line of sheet piling Minimum tip elevation of sheet piling Elev. 542.00 Elev. 542.00 ±13'-9" SOUTH ABUTMENT NORTH ABUTMENT

TEMPORARY SHEET PILING DETAIL

Notes

- (i) Seal Coat Concrete is mandatory and the thickness shall not be less than 3'-0". Cofferdam design details shall be submitted to the Engineer for approval. See Special Provisions.
- Cofferdam staging shall be determined by the Contractor.

Pay limits for Cofferdam Excavation and Seal Coat Concrete

- 3 Slope between existing and proposed embankment during Stage I Construction. Slope not to exceed 1:1 (V:H).
- (4) If the Contractor chooses to alter the temporary cantilevered sheet piling design requirements shown, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer.

OATES ASSOCIATES Engineering + Architecture	

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	USER NAME =	DESIGNED - JAD	REVISED
		CHECKED - SJN	REVISED
	PLOT SCALE =	DRAWN - JAD	REVISED
	PLOT DATE =	CHECKED - SJN	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

(Minimum Section Modulus = $10 \text{ in}^3/ft$)

CONSTRUCTION				DETAILS		
STRUCT	ΓURE	NC). 0	48-0100)	
SHEET	NO. 5	OF	62	SHEETS		