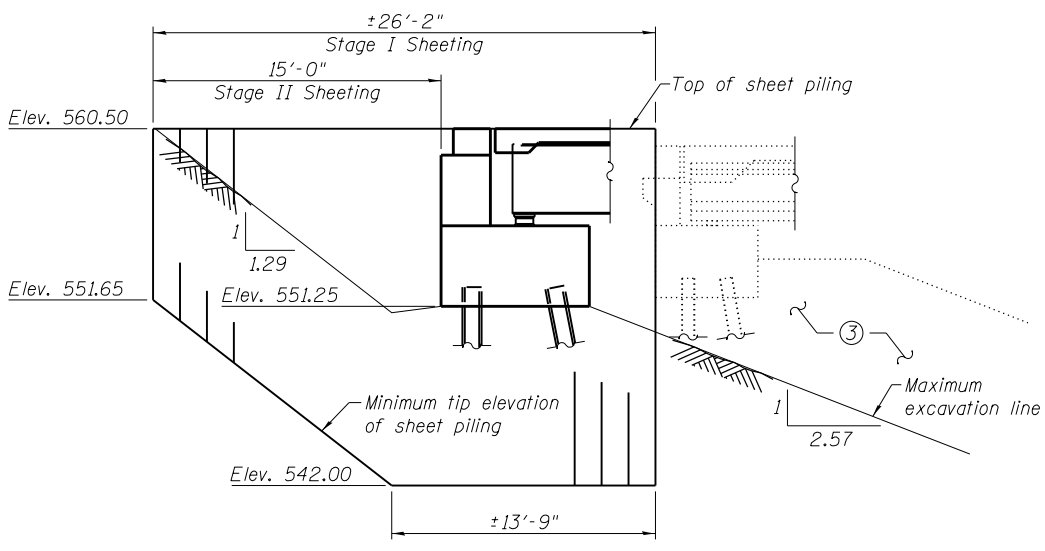
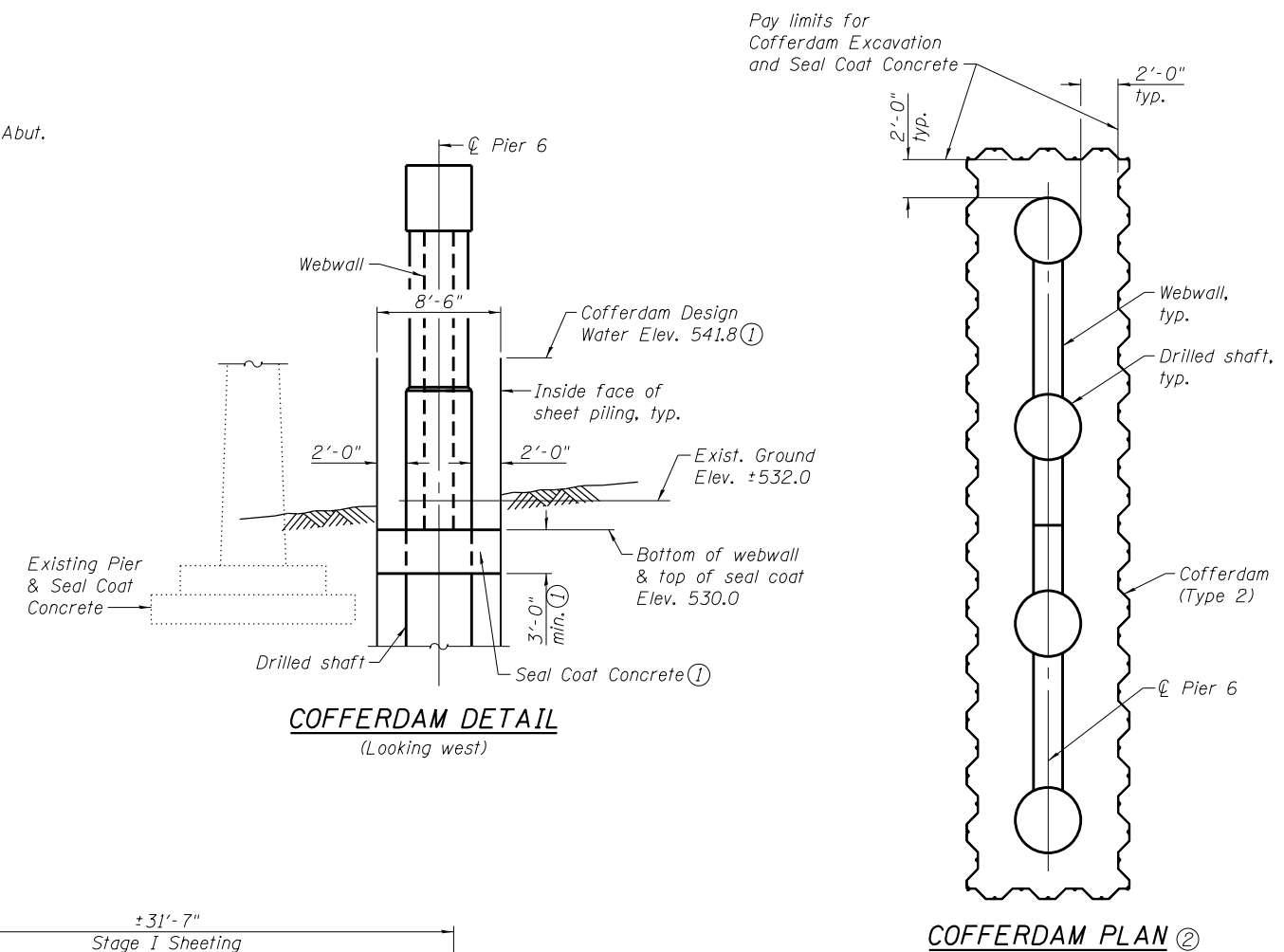


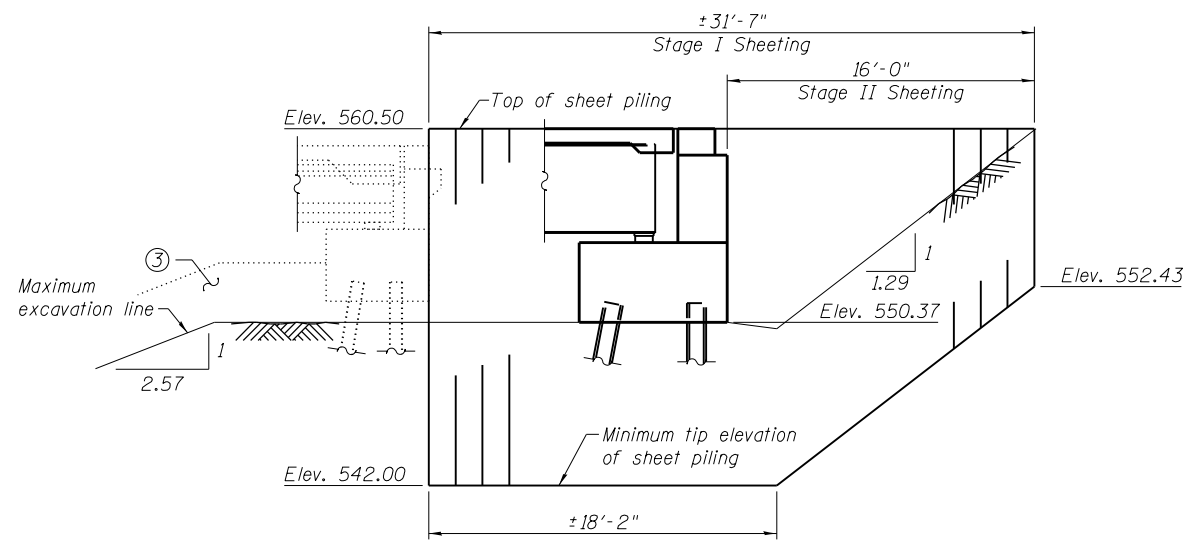
MANDATORY DECK POURING SEQUENCE - SPANS 5 THRU 7
(No mandatory sequence - Spans 1 thru 4)

Sequence:

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.



SOUTH ABUTMENT
(Minimum Section Modulus = 10 in³/ft)



NORTH ABUTMENT
(Minimum Section Modulus = 10 in³/ft)

TEMPORARY SHEET PILING DETAIL

- Notes:
- ① 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.
 - ② Cofferdam staging shall be determined by the Contractor.
 - 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.



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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS
STRUCTURE NO. 048-1100**
SHEET NO. 5 OF 62 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
626	(44-B-1)BR	KNOX	122	35
CONTRACT NO. 68759				
ILLINOIS FED. AID PROJECT				