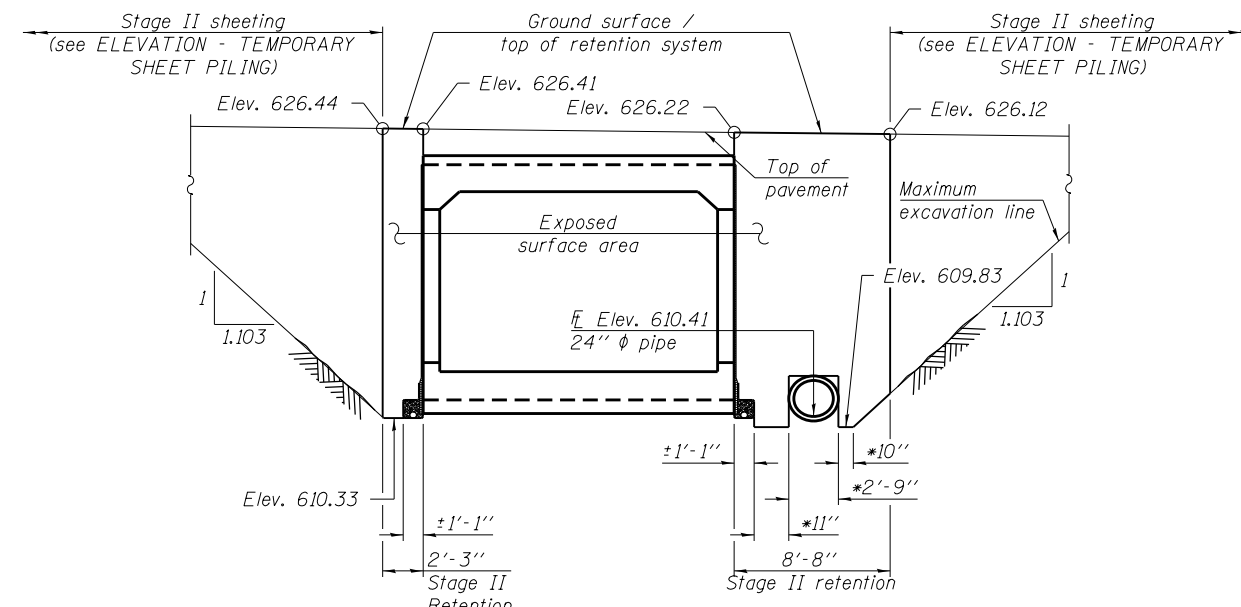


**ELEVATION - TEMPORARY SHEET PILING**  
(Looking East)

**SHEET PILE DATA**  
Minimum Section Modulus = 25 in.<sup>3</sup>/ft.  
fy = 38.5 ksi



**ELEVATION - TEMPORARY SOIL RETENTION SYSTEM**  
(Looking West)

\*Dimensions subject to change based on actual O.D. of pipe.

**Notes:**  
If the Contractor chooses to alter the temporary cantilevered sheet piling design requirements shown on the plans, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer.  
A cantilevered sheet piling design does not appear feasible for a portion of Stage II Construction and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.  
If the Contractor attaches the temporary soil retention system to the culvert, this connection shall have the same watertightness as the waterproofing membrane system. This detail shall be submitted for review and acceptance by the Engineer.

FILE NAME = I:\1001100\Phase II - 76817\ed\SV\Plans\0672427-76817.dgn	DESIGNED - E.M. Lagemann	REVISED	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TEMP. SHEET PILE AND TEMP. SOIL RETENTION SYSTEM DETAILS STRUCTURE NO. 067-2427</b>	F.A.P. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME = elagemann	CHECKED - K.L. Hayes	REVISED			312	68-WRS-1	MONROE	760	416
PLOT SCALE =	DRAWN - E.M. Lagemann	REVISED			<b>CONTRACT NO. 76817</b>				
PLOT DATE = 1/25/2013	CHECKED - K.L. Hayes	REVISED			SHEET NO. 3 OF 20 SHEETS				

