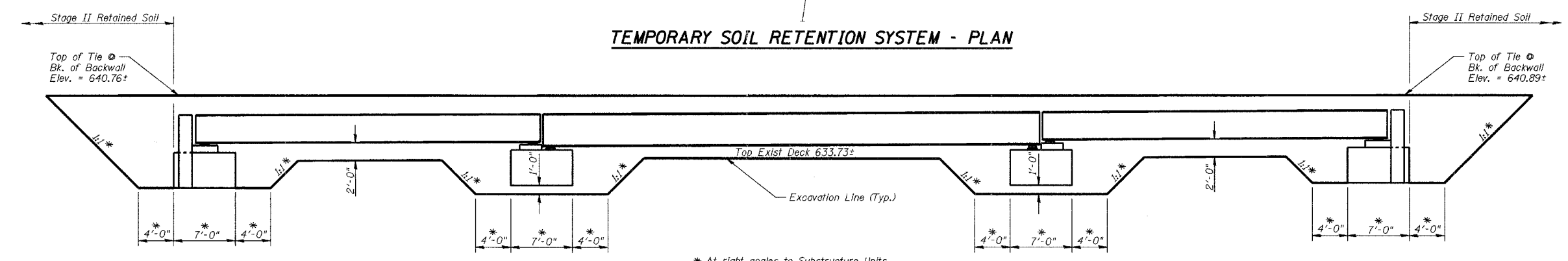
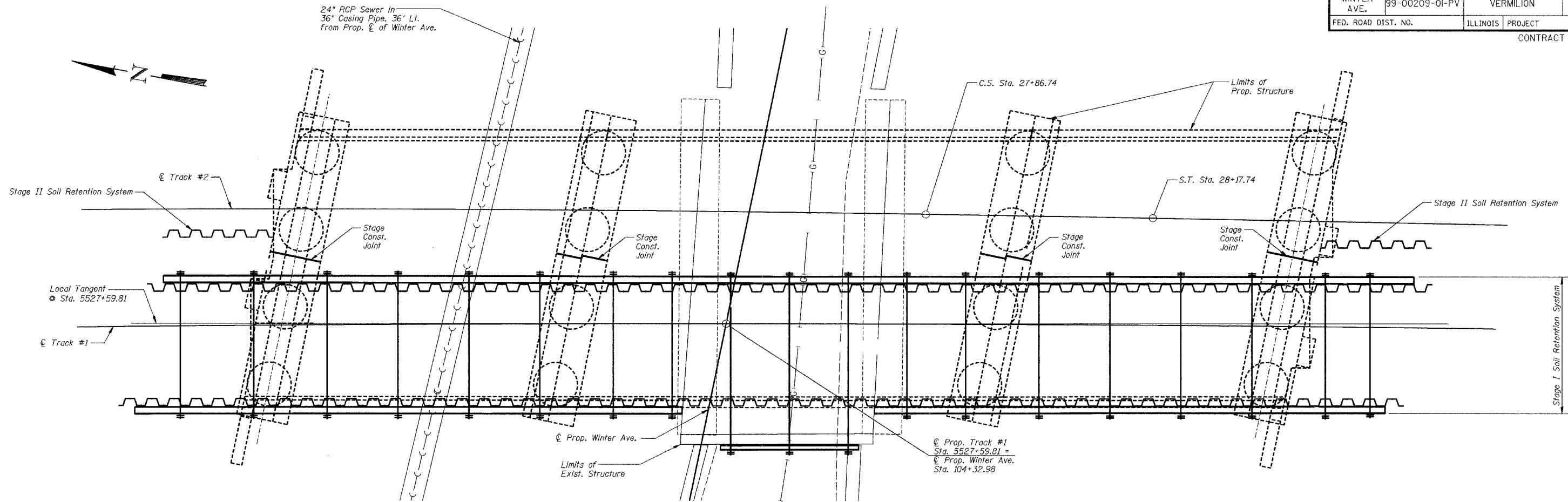


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
WINTER AVE.	99-00209-01-PV	VERMILION	296	108
FED. ROAD DIST. NO.	ILLINOIS PROJECT		CONTRACT NO. 91358	



NOTES:

- The shoring layout shown is schematic only, but shall be used as basis for payment. Actual areas will not be measured for payment. Contractor shall be responsible for the design and layout of the Temporary Soil Retention System.
- The contractor shall submit the following drawings and calculations for review and approval:
- Five (5) sets of detailed drawings of the Temporary Soil Retention System showing sizes of all structural members, details of connections, and distances from centerline of track to face of shoring. Drawing shall show a section showing height of shoring and track elevation in relation to bottom of excavation.
 - Two (2) sets of calculations for the design of the Temporary Soil Retention System. The drawings and calculations shall be prepared by a registered Structural engineer in the state of Illinois and shall bear his seal and Signature. Plans shall be approved by the Railroad and the Engineer.
 - Temporary Soil Retention system shall be designed in accordance with AREMA Chapter 8 Part 20 & 28.

TEMPORARY SOIL RETENTION SYSTEM - ELEVATION

BILL OF MATERIAL

Item	Unit	Quantity
Temporary Soil Retention System	Sq. Ft.	1637
Stage I Retained Soil = 1447 Sq. Ft.		
Stage II Retained Soil = 190 Sq. Ft.		

TEMPORARY SOIL RETENTION SYSTEM DETAILS			
Date	Designed MJP	CSX TRANSPORTATION R.R. OVER WINTER AVE. MP OZA 12L6 SECTION 99-00209-01-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 5527+59.81 PROP. STR. NO. 092-6039	Sheet No.
Revisions	Drawn BKN		4
	Checked KWB		
	Approved KWB		
Prepared by:	URS 345 East Ash Avenue, Suite B Decatur, IL 62526		of 24 URS Job No. 36430866