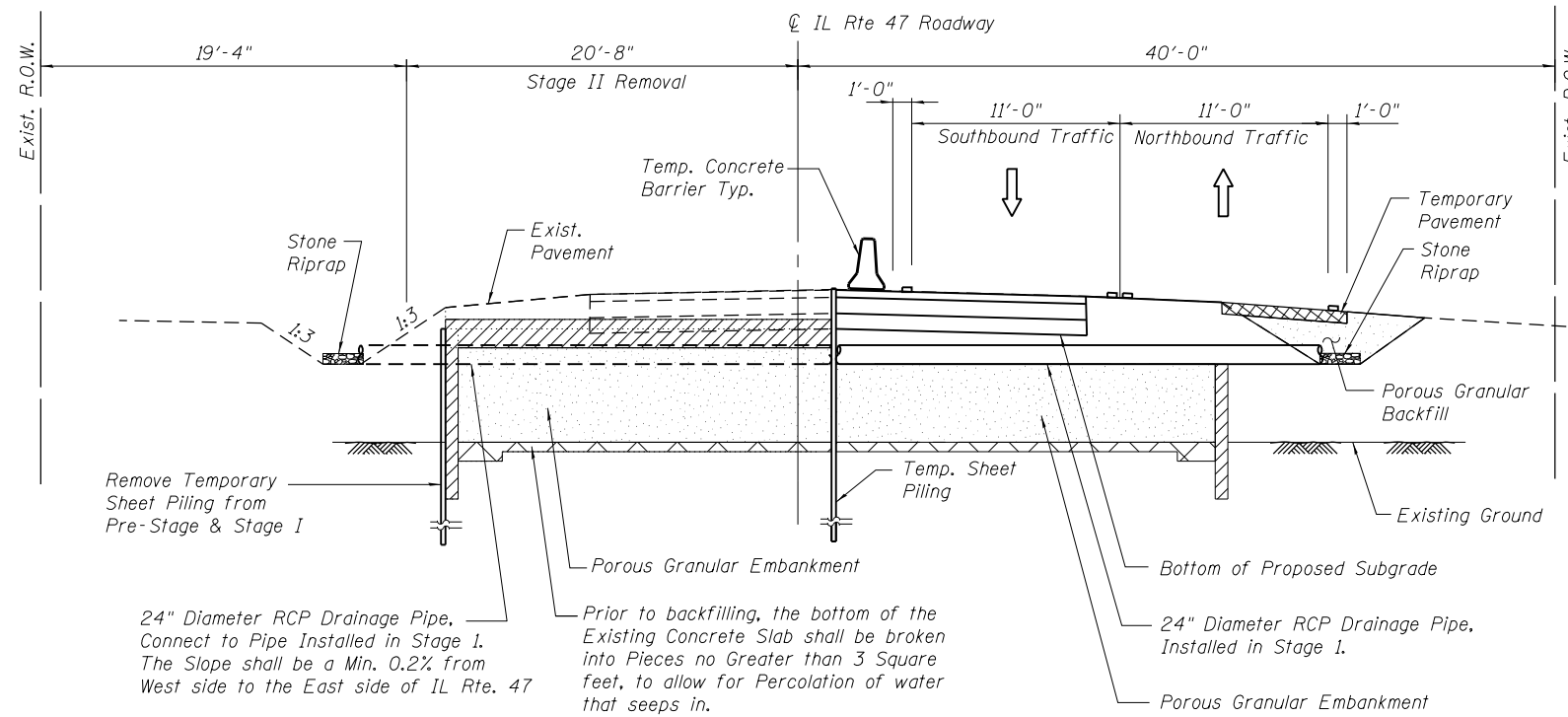


TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	81
Porous Granular Backfill	Cu. Yd.	434
Stone Riprap, Class A4	Sq. Yd.	8
Stone Riprap, Class A4	Sq. Yd.	27
Removal of Existing Structures	Each	1
Structure Excavation	Cu. Yd.	38
Temporary Sheet Piling	Sq. Ft.	634

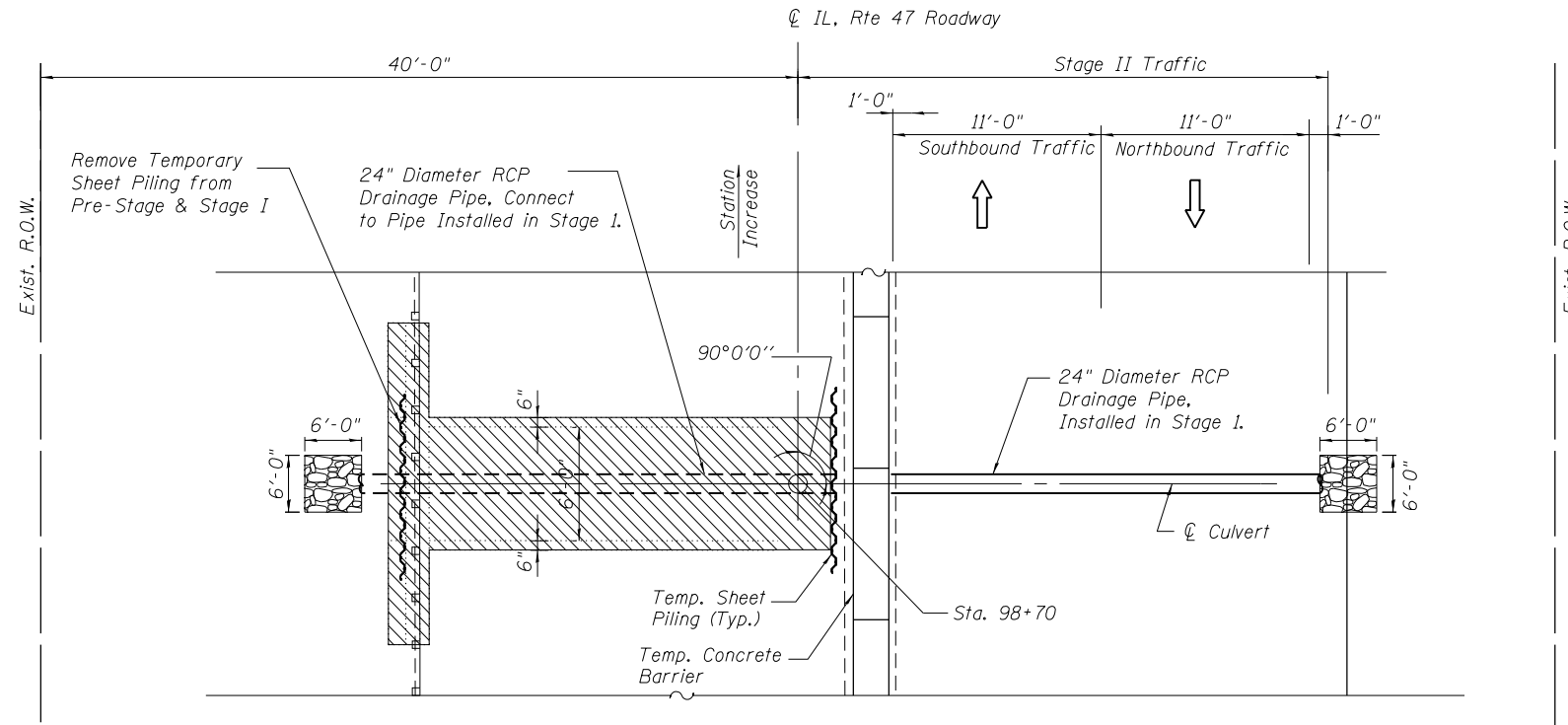
NOTES:

- See Roadway Plan for Temporary Pavement, Paving Details, Maintenance of Traffic, and additional Quantities.
- Limits for removal of the existing culvert include the entire Top Slab, the Headwalls, the Aprons and all wingwalls down to their Footings.
- The bottom of the box culvert shall be broken into pieces as shown in the plans to allow for percolation of water that seeps in. The Cost of this work shall be included in the item "Removal of Existing Structures" The remaining box culvert will be filled with PGE, and the new 24-inch RCP will lay on top of the PGE under the new pavement.
- The Invert of the Proposed 24-inch RCP should be raised to match the flow Line of the respective existing roadside ditches with a 0.2% minimum Slope from the West to the East side of the road.
- All Longitudinal Sections are looking North.
- Plan Dimintions on Details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of work. However, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
- See roadway plans for proposed pavement construction.
- If the Contractor chooses to alter the temporary cantilevered sheet piling shown on the plans, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer.



LONGITUDINAL SECTION STAGE II

Dimensions Perpendicular to IL Rte 47 Roadway



PLAN - STAGE II

Dimensions Perpendicular to IL Rte 47 Roadway

LEGEND

Removal of Existing Structure

PLOT DATE = \$DATE\$
FILE NAME = \$FILEL\$

USER NAME =	DESIGNED - MBC	REVISED -
PLOT SCALE =	DRAWN - BA/DS	REVISED -
PLOT DATE =	CHECKED - WPK	REVISED -
FILE NAME =	DATE - 5/19/2014	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CATTLE PASS REMOVAL DETAILS
STAGE II**

SHEET NO. S2 OF S3 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	106-S-N-2	KANE	147	105
CONTRACT NO. 60T09				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT