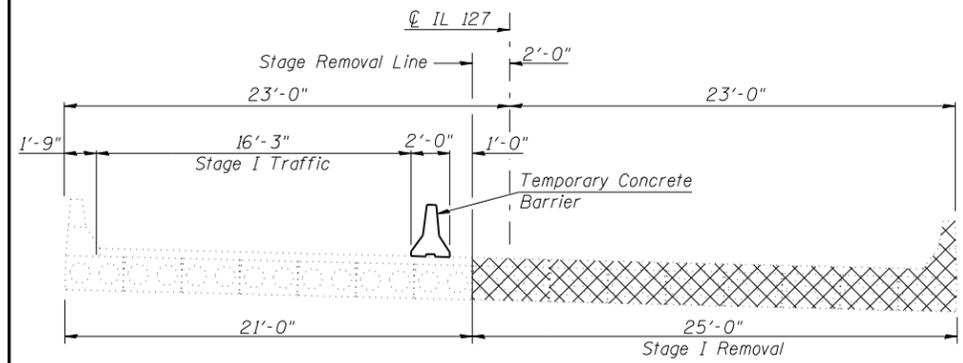
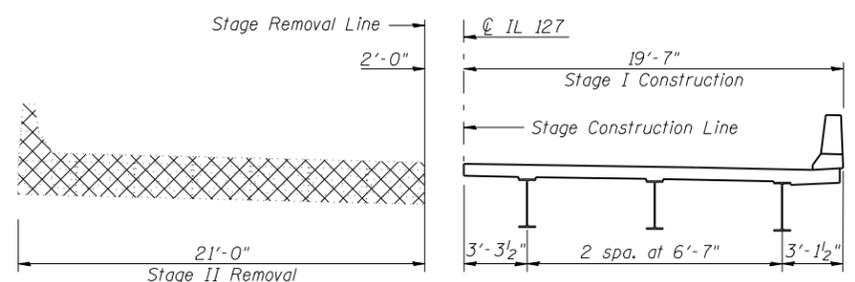


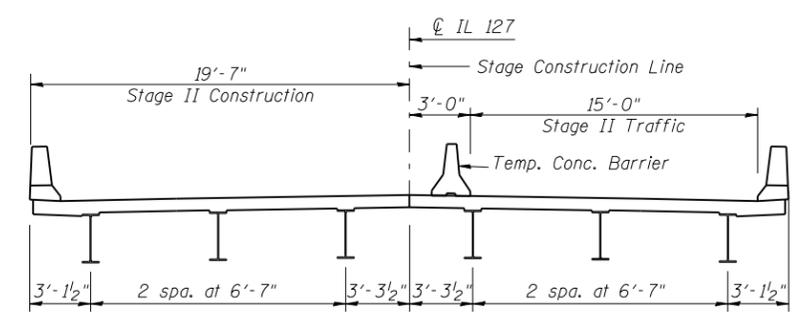
Contract #72150



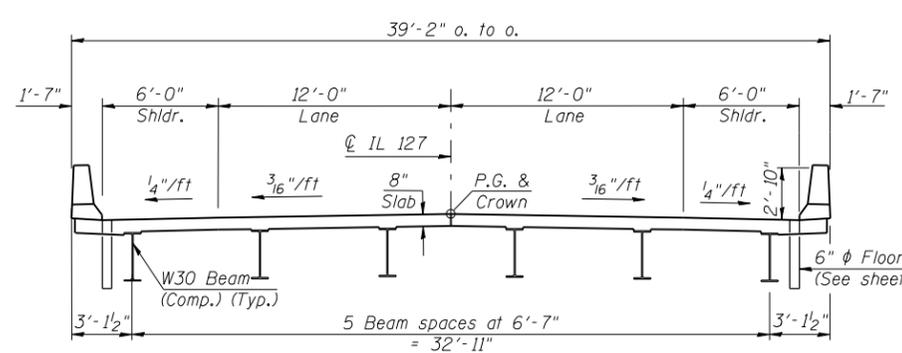
STAGE I REMOVAL & TRAFFIC
(Looking North)



STAGE I CONSTRUCTION & STAGE II REMOVAL
(Looking North)



STAGE II CONSTRUCTION & TRAFFIC
(Looking North)

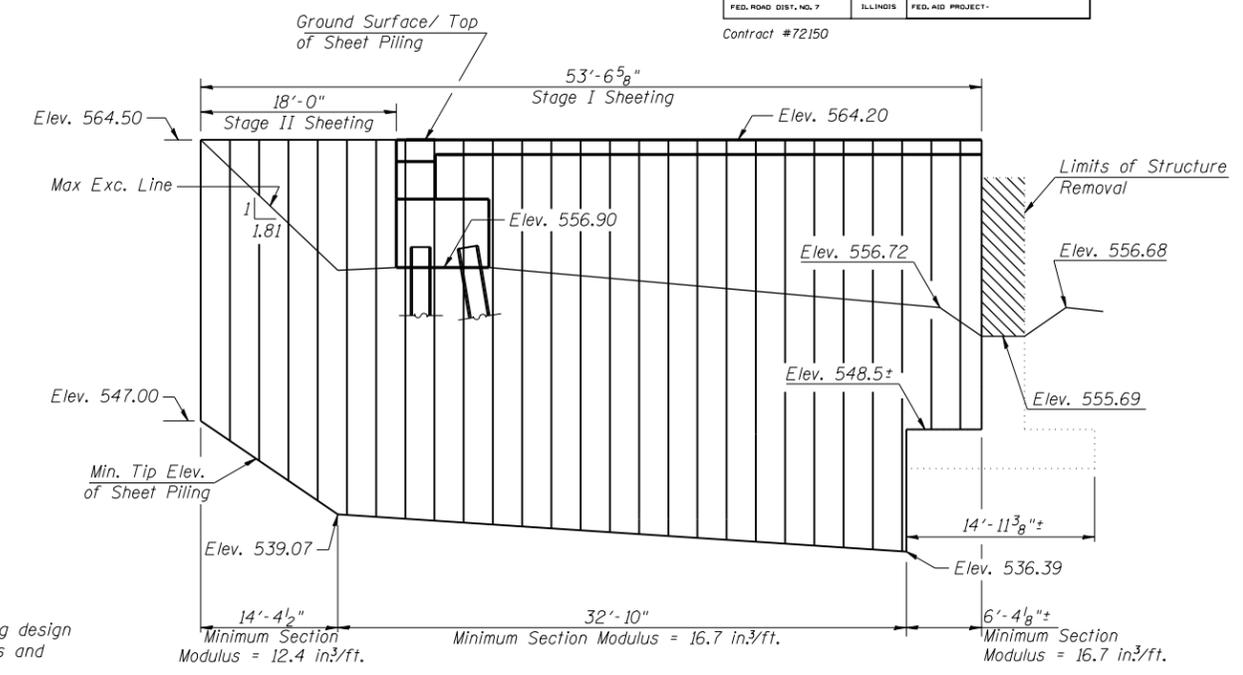


PROPOSED CROSS SECTION
(Looking North)

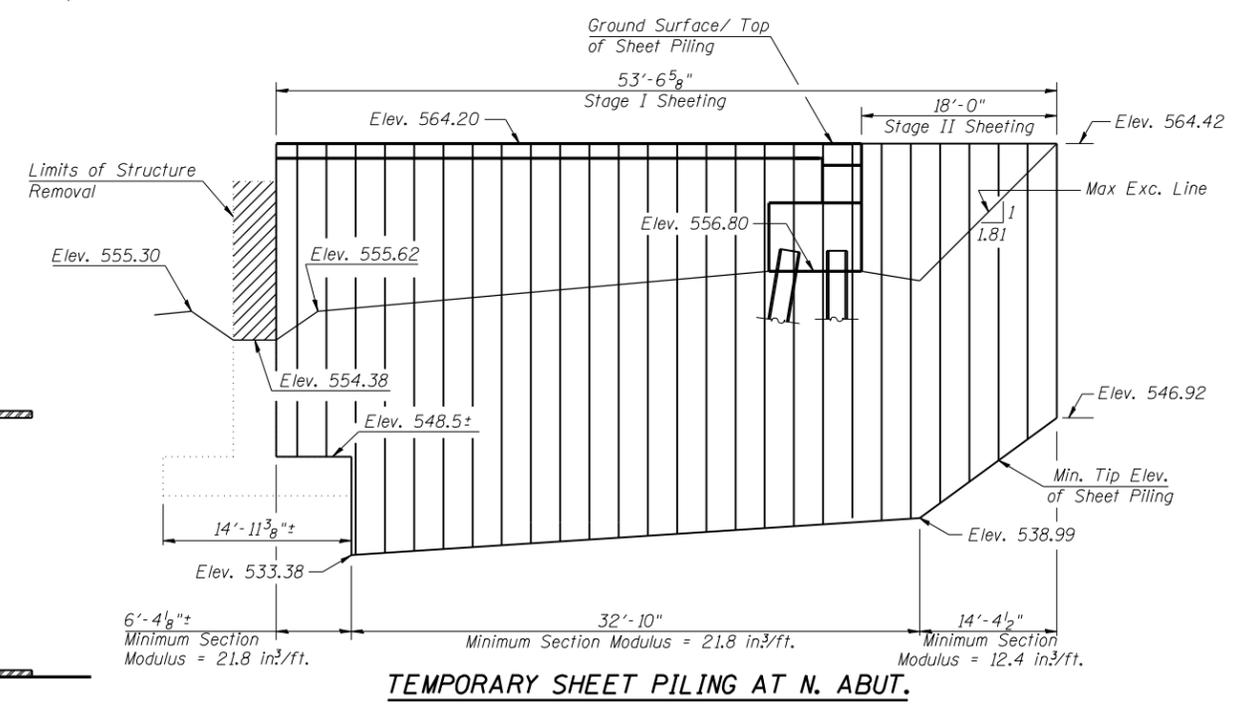
Notes:

1. Cross Hatched areas indicate removal of existing structure.
2. Location of Stage Removal & Construction lines is also applicable to existing abutments.
3. See roadway plans for quantity of Temporary Concrete Barrier.
4. See sheet 16 of 20 for details of Temporary Concrete Barrier.

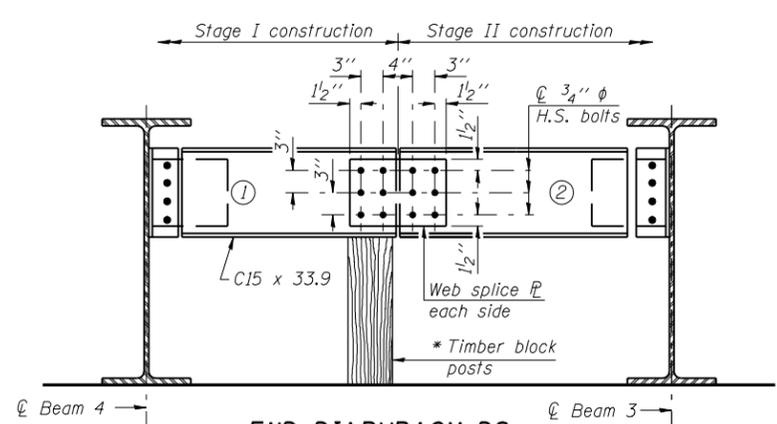
If the contractor chooses to alter the temporary cantilevered sheet piling design requirements shown on the plans a design submittal including plan details and calculations will be required for review and acceptance by the Engineer. The contractor shall connect the first sheet to the existing abutment wall to ensure stability of sheets driven to the top of the existing footing. This connection shall be reviewed and accepted by the Engineer and included in the cost for Temporary Sheet Piling. Sheet piling within the limits of the existing footing shall be driven to the top of the footing.



TEMPORARY SHEET PILING AT S. ABUT.



TEMPORARY SHEET PILING AT N. ABUT.



END DIAPHRAGM D2

(See sheet 10 of 20 for location - 2 required)

END DIAPHRAGM STAGE CONST. SEQUENCE

- 1.) Order diaphragm in two sections.
- 2.) Attach section ① of diaphragm to Beam 4.
- 3.) Place Timber Block Posts between section ① of diaphragm and abutment bearing section.
- 4.) Attach section ② of diaphragm to both Beam 3 and section ① of diaphragm during Stage II Construction with splice plates.
- 5.) Remove Timber Block Posts.

* Cost of Timber Block Posts is included with Structural Steel.

Lin Engineering, Ltd.
Consulting Engineers
Chatham, Illinois

REVISIONS	
NAME	DATE

Designed By: RKM
Date: 04/2007
Checked By: MTH
File: 068-0506.DGN
Drawn By: AUF

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE CONSTRUCTION DETAILS
ILLINOIS ROUTE 127 OVER
BEARCAT CREEK
F.A.P. ROUTE 42 - SECTION 106 (B-1)
MONTGOMERY COUNTY
STA. 126+58.45
STRUCTURE NO. 068-0506

Aug-16-2007 11:21:41AM 11:21:41 AM \$FILEABBREV\$