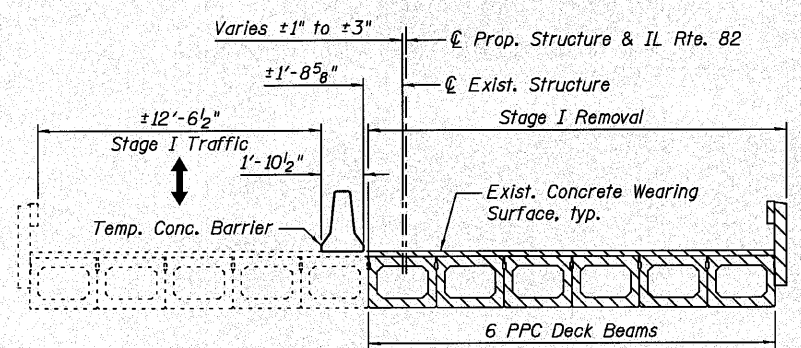
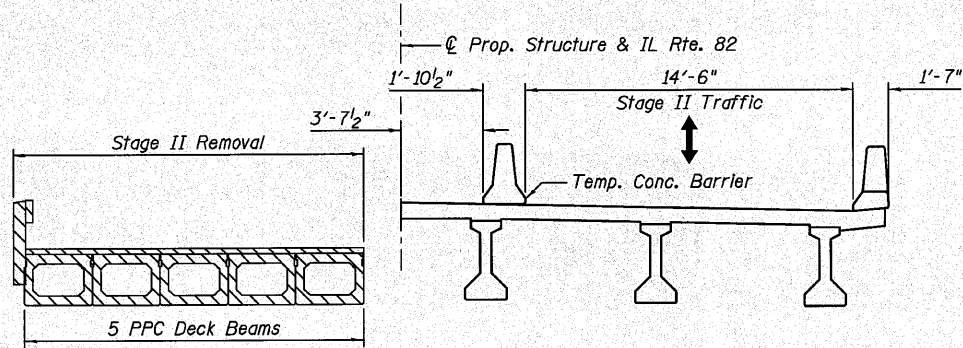


* The excavation shall be sloped at no greater than 1:2.5 (V:H) according to the approved Structure Geotechnical Report.

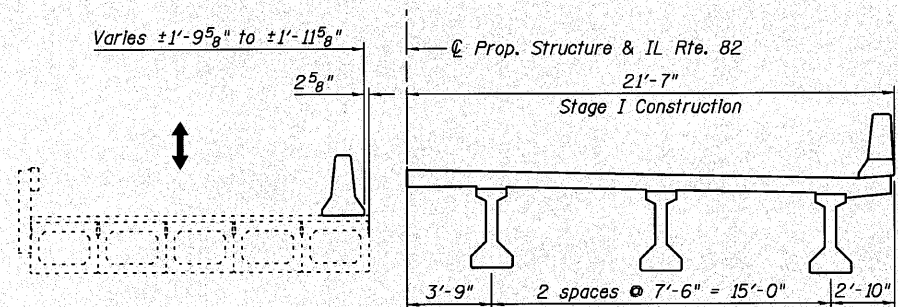
TEMPORARY SOIL RETENTION SYSTEM



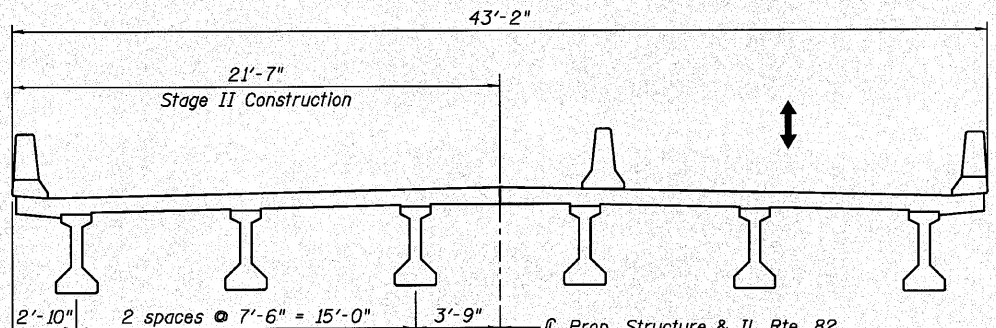
STAGE I REMOVAL



STAGE II REMOVAL



STAGE I CONSTRUCTION



STAGE II CONSTRUCTION

NOTES:

1. Hatched areas indicate removal of existing structure.
2. Location of Stage Construction lines is also applicable to substructure.
3. Both existing abutments shall be completely removed. The existing timber abutment piles shall remain.
4. See roadway plans for quantity of Temporary Concrete Barrier.
5. See sheet 4 of 29 for details of Temporary Concrete Barrier.
6. Removal of existing bridge railing, bituminous wearing surface, & precast concrete bridge approach beams is included with Removal of Existing Structures.
7. All staging cross sections are looking north.
8. A cantilevered sheet piling design does not appear feasible 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.
9. Contractor shall take precaution to not expose piles adjacent to the stage removal line under the portion of pier to remain during stage I removal procedure.

1898534 A1 04/END/06-07/98-144 DE Bridge Phase 2/IL/02/CAD/Structures/1st/18/07/16_64D25_002_Shegim.dgn 11/22/2010



DESIGNED - JNH	REVISED -
CHECKED - BJM	REVISED -
DRAWN - JNH/MWS	REVISED -
CHECKED - BRT	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION DETAILS
STRUCTURE NO. 037-0176
SHEET NO. 3 OF 29 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
638	129BR-4	HENRY	93	24
				CONTRACT NO. 64D25
ILLINOIS FED. AID PROJECT				