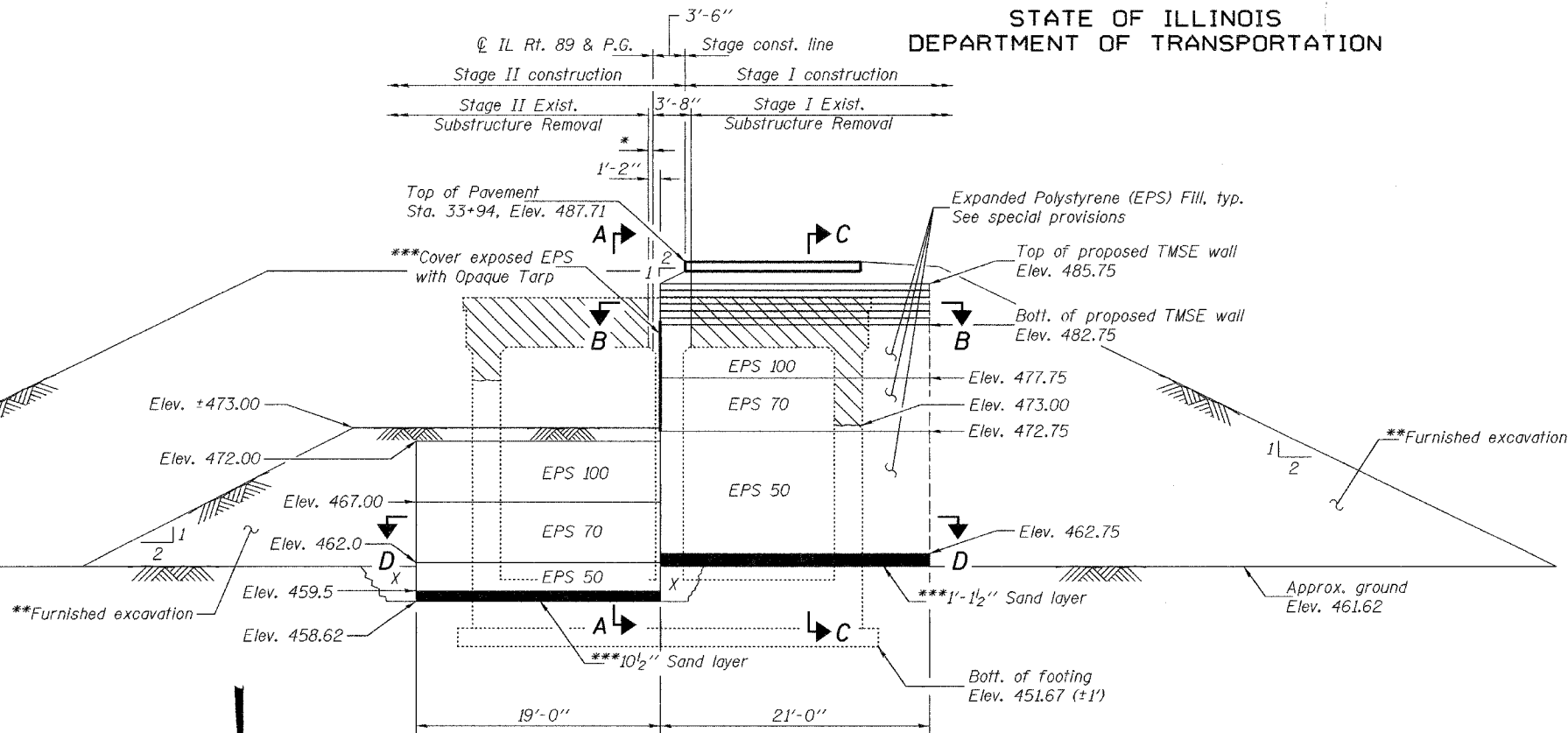


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

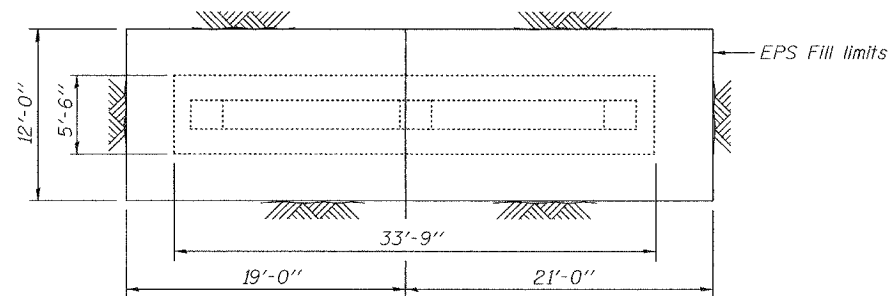
| ROUTE NO.             | SECTION  | COUNTY            | TOTAL SHEETS | SHEET NO. | SHEET NO. |
|-----------------------|----------|-------------------|--------------|-----------|-----------|
| F.A.P. 698            | IVBR     | BUREAU            | 72           | 32        | 24 SHEETS |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT- |              |           |           |

Contract No. 66361



**SECTION AT EXISTING PIER 7**  
(Looking south)

X = PGE compacted to satisfaction of Engineer, according to Article 207 of the Std. Spec's.\*\*\*



**SECTION D-D**

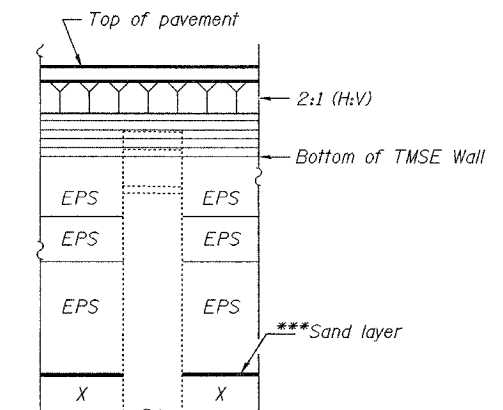
Notes: Hatched areas indicate removal of existing structures.  
\*Stage II Removal Line for Existing Substructure to be determined by contractor so as not to disturb wall or pavement integrity.  
\*\*For Furnished Excavation details and quantities, see roadway plans.  
\*\*\*Cost included with Expanded Polystyrene Fill. See special provisions.

|          |            |
|----------|------------|
| DESIGNED | RLT        |
| CHECKED  | PEC        |
| DRAWN    | h.t. duong |
| CHECKED  | RLT/PEC    |

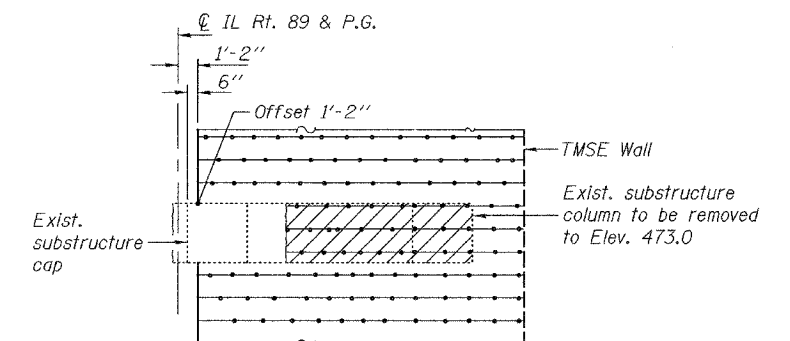
EXAMINED *Thomas J. Domagala*  
Jan 9, 2007  
PASSED *Ralph E. Anderson*  
ENGINEER OF BRIDGES AND STRUCTURES

**CONSTRUCTION SEQUENCE FOR SOUTH TMSE AND EPS FILL AT EXISTING PIER 7**

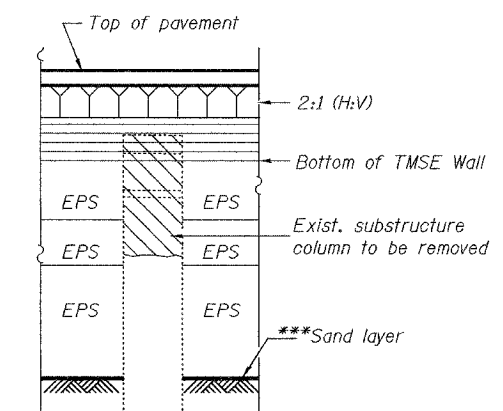
1. Remove Stage I portion of existing Pier 7 cap and column to Elev. 473.0.
2. Excavate to Elev. 458.62 for Stage II EPS fill as shown on the section at existing Pier 7.
3. Place 10 1/2" of sand to Elev. 459.5 for Stage II EPS fill to the limits shown in the existing Pier 7 Section D-D.
4. Install EPS fill for Stage II to Elev. 467.0.
5. Place and compact Porous Granular Embankment (PGE) in the areas designated as "X", on both sides of the Stage II EPS fill to Elev. 461.62.
6. Place 1'-1 1/2" of sand to Elev. 462.75 for Stage I EPS fill to the limits shown in the existing Pier 7 Section D-D.
7. Install EPS fill for Stage I to Elev. 467.0.
8. Place Furnished Excavation around Stages I and II EPS fill adding EPS fill and Furnished Excavation to Elev. 472.0.
9. Complete placement of EPS fill for Stage I Foundation to Elev. 475.25.
10. Complete placement of the Furnished Excavation up to Elev. 473.0 for Stage II.
11. Continue with the installation of Stage I EPS fill and Furnished Excavation to Elev. 482.75.
12. Build TMSE wall on Stage I.
13. Complete placement of the Furnished Excavation on Stage I and complete Stage I construction.
14. For Stage II construction, the Furnished Excavation should be placed to the required elevation.



**SECTION A-A**



**SECTION B-B**



**SECTION C-C**

**SOUTH TMSE WALL DETAILS**  
F.A.P. RTE. 698 - SECTION IVBR  
BUREAU COUNTY  
STATION 32+32.00  
STRUCTURE NO. 006-0164