



Minimum Embedment Depth = 2.85 m  
Minimum section modulus of Sheet Piling = 388x10<sup>3</sup> mm<sup>3</sup>/m  
Sheet Piling shall be anchored to the existing abutments.

- NOTES:**
- If the Contractor chooses to alter the Temporary Cantilevered Sheet Pile design requirements shown on the Plans, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer.
  - All dimensions are in millimeters (mm) unless otherwise noted.
  - Quantity of Temporary Concrete Barrier is included with Roadway Plans.
  - Any Sheet piling not reaching the required embedment due to footing shall be anchored to the existing Abutment. Subject to approval 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.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**CONSTRUCTION STAGING & TEMPORARY SHEET PILING**

CENTRAL AVENUE (F.A.U. RTE. 2798) OVER INTERSTATE 90 (KENNEDY EXPWY.) & C.T.A.

F.A.I. RTE. 90 SECTION: 1213B-1  
COOK COUNTY STATION 1+000.000  
STRUCTURE NO. 016-0659

SCALE: NONE DRAWN BY: D.L./F.M.  
DATE: JANUARY 16, 2009 CHECKED BY: B.M.S./J.C.M.

**CHRISTIAN-ROGE & ASSOC., INC.**  
CHICAGO ILLINOIS