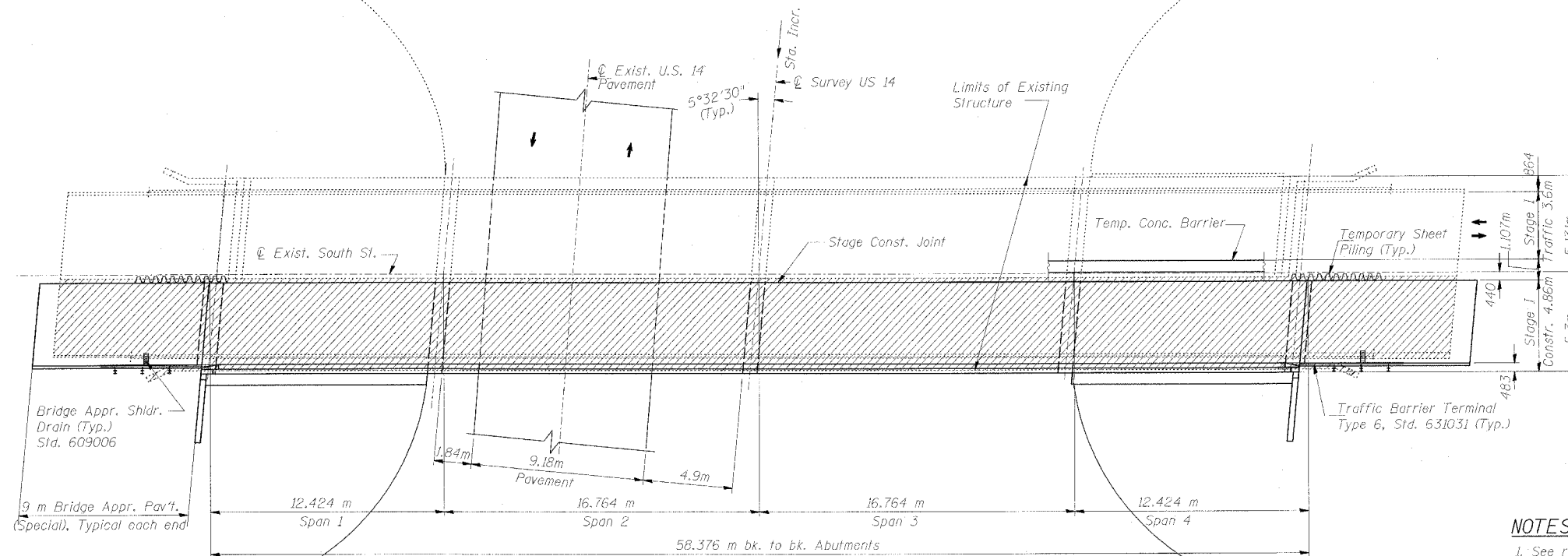


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

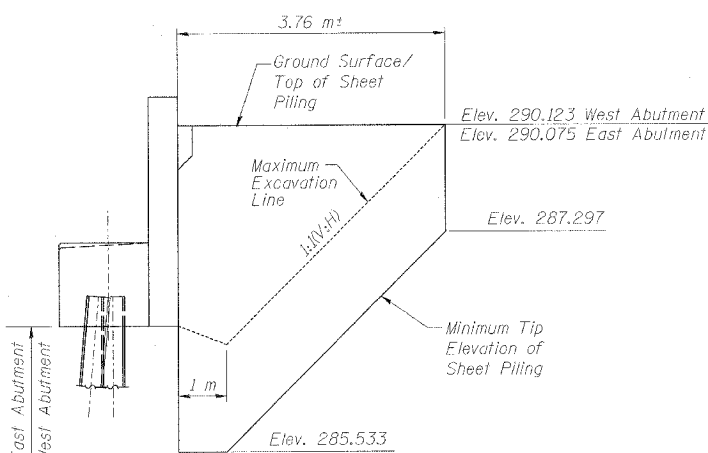
|                       |            |                  |                        |           |
|-----------------------|------------|------------------|------------------------|-----------|
| ROUTE NO.             | SECTION    | COUNTY           | TOTAL SHEETS           | SHEET NO. |
| F.A.P. Rt. 305        | 28R-2-RS-1 | McHenry          | 53                     | 16        |
| FED. HOAC DIST. NO. 1 | ILLINOIS   | FED. AID PROJECT | CONTRACT NUMBER: 60756 |           |



PLAN

NOTES:

- See roadway plans for quantity of Temporary Concrete Barrier.
- See Sheet # 4 of 31 for details of Concrete Removal.

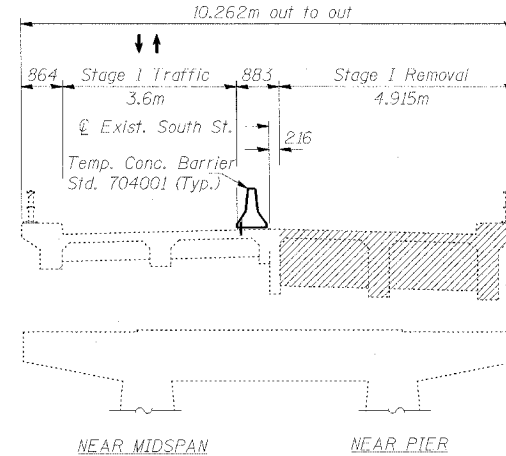


TEMPORARY SHEET PILING FOR STAGE I

Minimum Section Modulus of Sheet Piling =  $343 \text{ mm}^3 / \text{m} \times 10^{-3}$

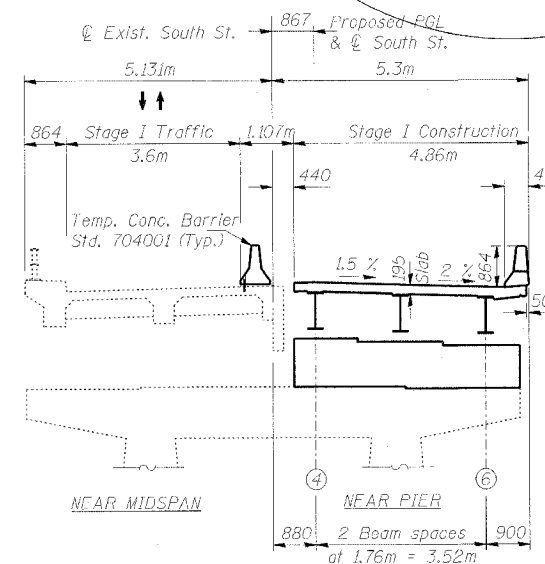
NOTE:

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.



STAGE I REMOVAL & TRAFFIC

(Looking East)



STAGE I CONSTRUCTION & TRAFFIC

(Looking East)

BILL OF MATERIAL

| ITEM                   | UNIT      | TOTAL |
|------------------------|-----------|-------|
| Concrete Removal       | Cu. meter | 19.6  |
| Slopedwall Removal     | Sq. meter | 110.4 |
| Temporary Sheet Piling | Sq. Meter | 29.5  |

LEGEND:

Superstructure Removal

STAGE I CONSTRUCTION & TRAFFIC

|  |              |   |              |
|--|--------------|---|--------------|
| Date   | Designed MR  | SOUTH ST. OVER US 14<br>FAP ROUTE NO. 305<br>SECTION 28R-2-RS-1<br>STATION 29+999.897<br>COUNTY McHENRY<br>STRUCTURE NO. 056-3015 | Sheet No.    |
| Revisions  | Drawn MR     |   | 3            |
|  | Checked KSM  |   |              |
|  | Approved KSM |   |              |
| HARRY C. HEFTLER ASSOCIATES, INC.<br>DESIGN AND CONSULTING ENGINEERS<br>56 East Jackson Blvd.<br>Chicago, Illinois 60604<br>312/464-8131 |              |   | Job No. 1962 |

10:17:4 AM  
12/27/2004