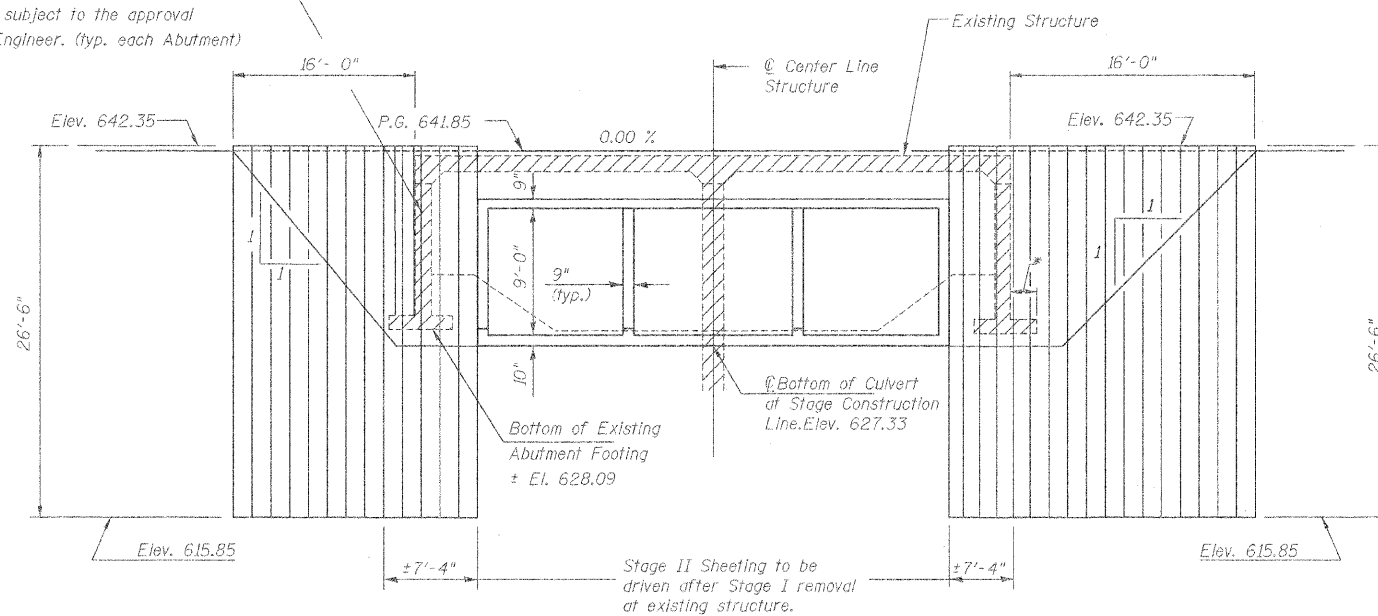


|                        |          |                  |              |           |
|------------------------|----------|------------------|--------------|-----------|
| ROUTE NO.              | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
| F.A.S. 317             | 36-BR    | IROQUOIS         | 21           | 11        |
| FED. HIGH. DIST. NO. 7 | ILLINOIS | FED. AID PROJECT |              |           |

SHEET NO. 3  
10 SHEETS

**CONTRACT NO. 66171**

Stage I Sheeting shall be attached to the back of the existing Abutments. Method of attachment shall be subject to the approval of the Engineer. (typ. each Abutment)



**ELEVATION**  
(Looking West)

NOTE:  
If the contractor chooses to alter the temporary cantilevered sheet piling design requirements shown on the plans for lesser design requirements, then full design submittals with the required seals will be expected by the Department for review and approval.

Hatched areas indicate "Removal of Existing Structures".

**SHEET PILE DATA**

Minimum Required Section Modulus of Temporary Sheet Piling: 17.7 in<sup>3</sup>/ft  
fy= 38 Ksi (Temporary Sheet Piling)

\* Stage I Sheeting in this portion shall be driven to top of existing footing. (typ. each Abutment)

**TEMPORARY SHEET PILING**  
**F.A.S. 317 (U.S. RTE 45) OVER**  
**TRIBUTARY TO SPRING CREEK**  
**SECTION 36-BR**  
**IROQUOIS COUNTY**  
**STATION 1250+85.00**  
**STRUCTURE NO. 038-2015**

|          |        |
|----------|--------|
| DESIGNED | R.K.M. |
| CHECKED  | M.E.B. |
| DRAWN    | M.D.   |
| CHECKED  | M.E.B. |

**RC ENGINEERS, LTD.**  
CONSULTING ENGINEERS - SPRINGFIELD, ILLINOIS

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