

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

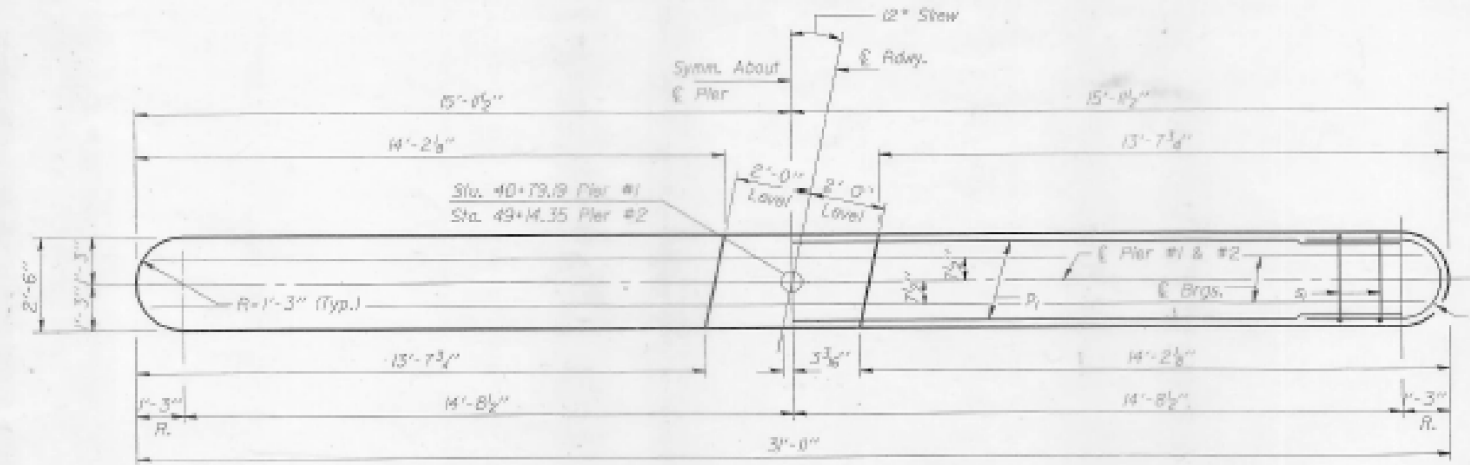
FOR INFORMATION ONLY

|                 |         |            |           |              |
|-----------------|---------|------------|-----------|--------------|
| PROJECT NO.     | SECTION | COUNTY     | SHEET NO. | TOTAL SHEETS |
| F.A.S. RTE. 370 | 102BR   | LIVINGSTON | 12        | 12           |
| SHEET NO. 5     |         |            | 5 SHEETS  |              |

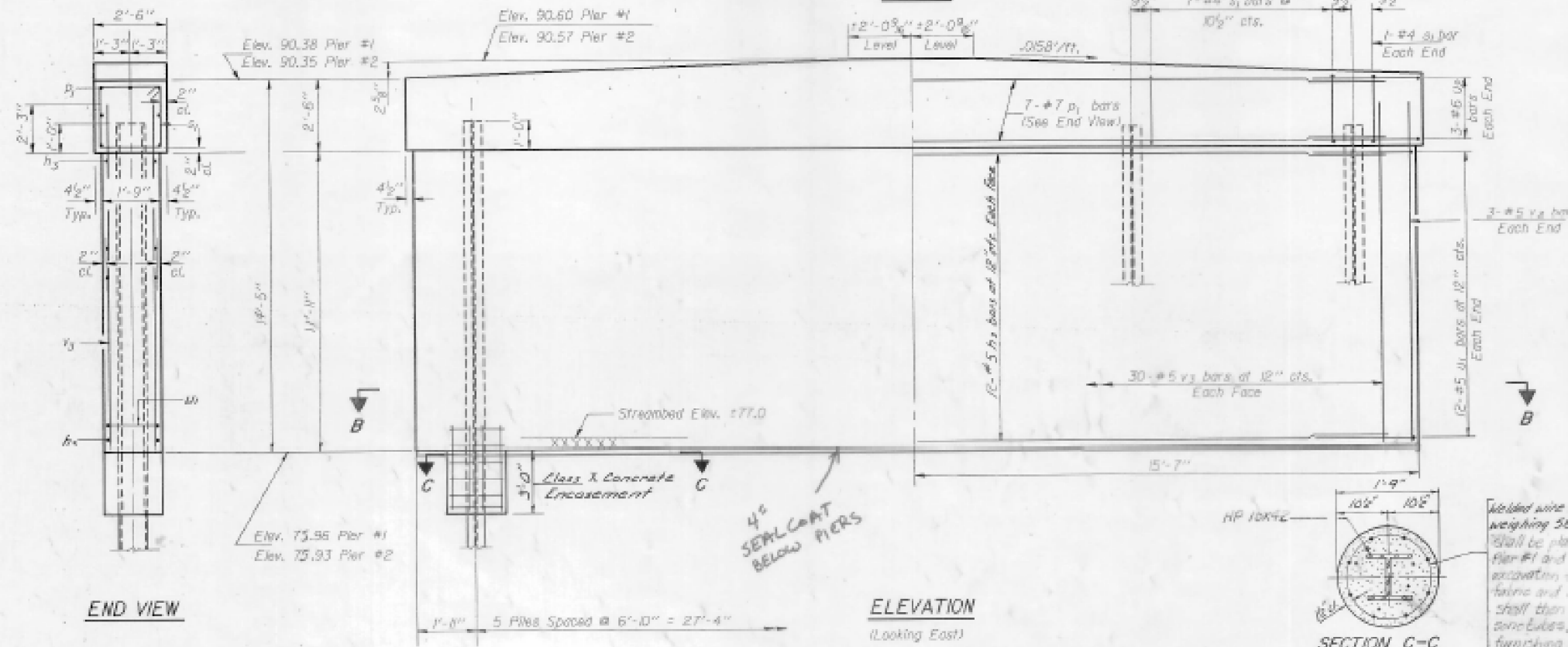
Notes: All edges shall have standard  $\frac{1}{4}$ " chamfer except as noted.  
Space reinforcement in cap to miss dowel rods.

PILE DATA

Type: Steel HP10X12  
Capacity: Driven to Refusal  
Est. Length: 38 Ft. - ORDERED LENGTH 35  
No. Required: 5 Pier #1 &  
5 Pier #2



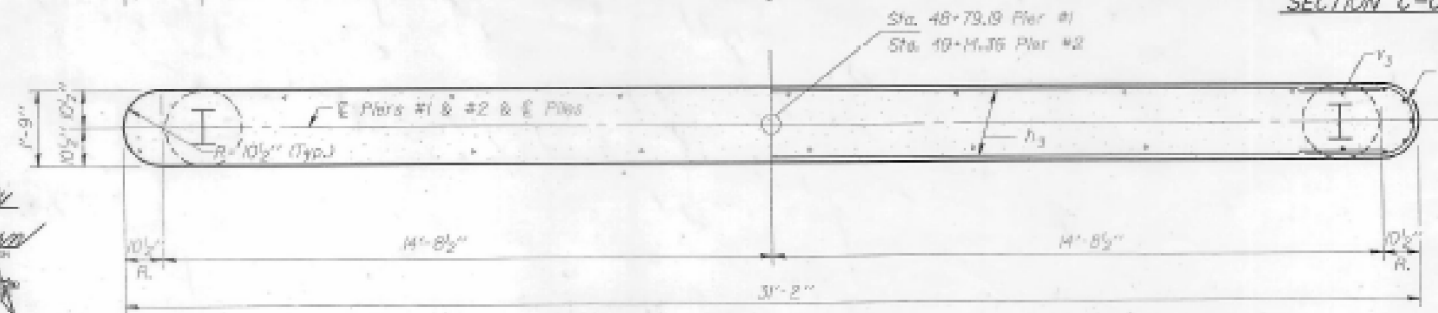
PLAN



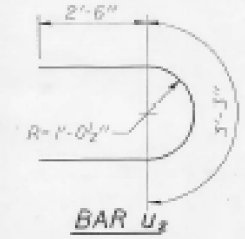
ELEVATION

(Looking East)

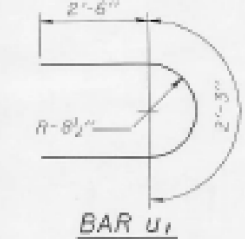
END VIEW



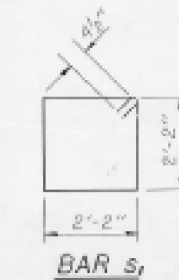
SECTION B-B



BAR U<sub>2</sub>



BAR U<sub>1</sub>

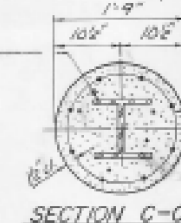


BAR S<sub>1</sub>

TWO PIERS  
BILL OF MATERIAL

| Bar                   | No. | Size | Length | Shape         |
|-----------------------|-----|------|--------|---------------|
| h <sub>3</sub>        | 48  | #5   | 29'-5" |               |
| A                     | M   | #7   | 29'-5" |               |
| s <sub>1</sub>        | 60  | #4   | 9'-5"  | □             |
| u <sub>1</sub>        | 48  | #5   | 7'-3"  | 3             |
| u <sub>2</sub>        | 12  | #6   | 8'-3"  | 3             |
| v <sub>1</sub>        | 132 | #5   | 14'-0" |               |
| Class X Concrete      |     |      |        | Cu. Yds. 62.7 |
| Reinforcement Bars    |     |      |        | Lbs. 5430     |
| Steel Piles (HP10x12) |     |      |        | Lbs. Ft. 380  |

Welded wire fabric 4x6 - W40x12 W40 weighing 50#/100 sq. ft. Sencubes shall be placed below Elev. 75.96 for Pier #1 and Elev. 75.93 for Pier #2 after excavation for pier walls. Welded wire fabric and Class X Concrete Encasement shall then be placed underwater into sencubes. Cost of sencube excavation, furnishing and place sencubes, Class X Concrete Encasement, and welded wire fabric shall be incidental to furnishing piles. If a portion of the pier walls are underwater, the Class X Concrete shall be placed underwater into forms as necessary.



SECTION C-C

DESIGNED: *[Signature]*  
 CHECKED: *[Signature]*  
 DRAWN: RON SOMMER  
 CHECKED: TJD  
 DATE: Dec. 5, 1984  
 EXAMINED: *[Signature]*  
 PASSED: *[Signature]*  
 APPROVED: *[Signature]*

PIERS #1 and #2  
 F.A.S. RTE. 370 SEC. 102BR  
 LIVINGSTON COUNTY  
 STA. 48+96.77

REVISED: TJD 1-3-85 REVISED: PMP 1-5-88