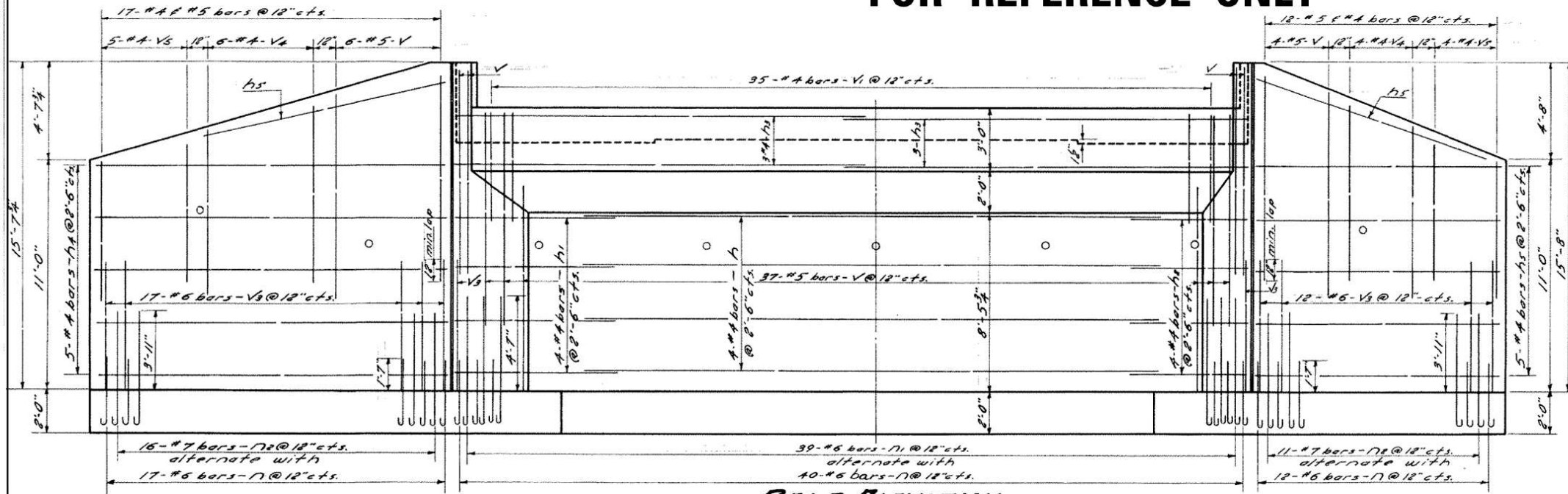
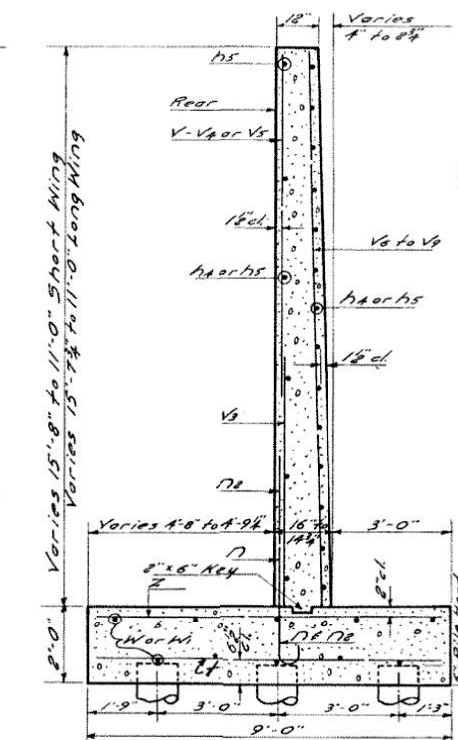


STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS
FOR REFERENCE ONLY

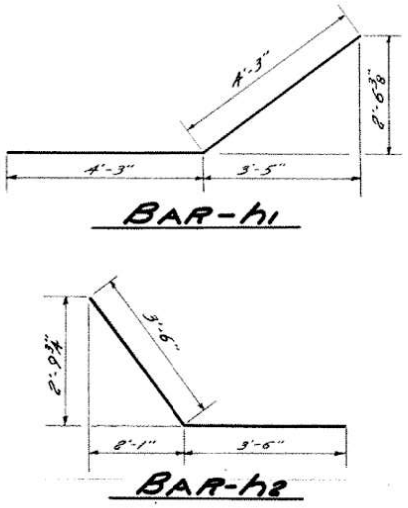
| | | | | |
|-----------------------|---------|-------------------------|------------------|-----------|
| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 3 | 15BR | Whiteside | 27 | 23 |
| F.A. | | ILLINOIS | FED. AID PROJECT | |
| FED. ROAD DIST. NO. 7 | | SHEET NO. 6 8 SHEETS | | |



REAR ELEVATION
SHOWING REINFORCEMENT IN REAR FACE OF ABUTMENTS & WINGS

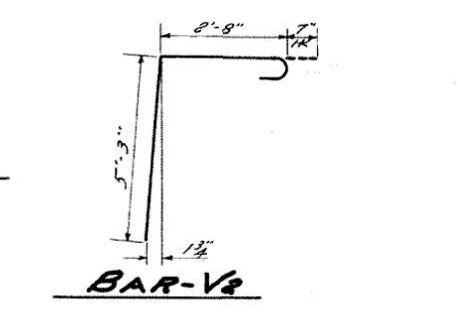


SECTION THRU WINGS

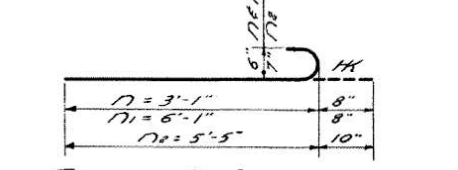


BILL OF MATERIAL
THE ABUTMENTS

| BAR NO. | SIZE | LENGTH | SHAPE |
|---------|--------|--------|-------|
| h | 32 #4 | 27'-3" | |
| h1 | 32 #4 | 8'-6" | |
| h2 | 32 #4 | 7'-0" | |
| h3 | 12 #4 | 19'-6" | |
| h4 | 34 #4 | 16'-6" | |
| h5 | 46 #4 | 11'-6" | |
| N | 138 #6 | 3'-9" | |
| N1 | 78 #6 | 6'-9" | |
| N2 | 54 #7 | 6'-3" | |
| V | 170 #5 | 9'-9" | |
| V1 | 70 #4 | 6'-0" | |
| V2 | 68 #5 | 8'-6" | |
| V3 | 62 #6 | 6'-3" | |
| V4 | 20 #4 | 8'-3" | |
| V5 | 18 #4 | 6'-6" | |
| V6 | 12 #4 | 15'-3" | |
| V7 | 4 #4 | 14'-0" | |
| V8 | 4 #4 | 12'-6" | |
| V9 | 16 #4 | 11'-0" | |
| W | 40 #4 | 21'-6" | |
| W1 | 40 #4 | 15'-6" | |
| Z | 204 #5 | 8'-6" | |
| Z | 160 #5 | 8'-6" | |



BAR-V1



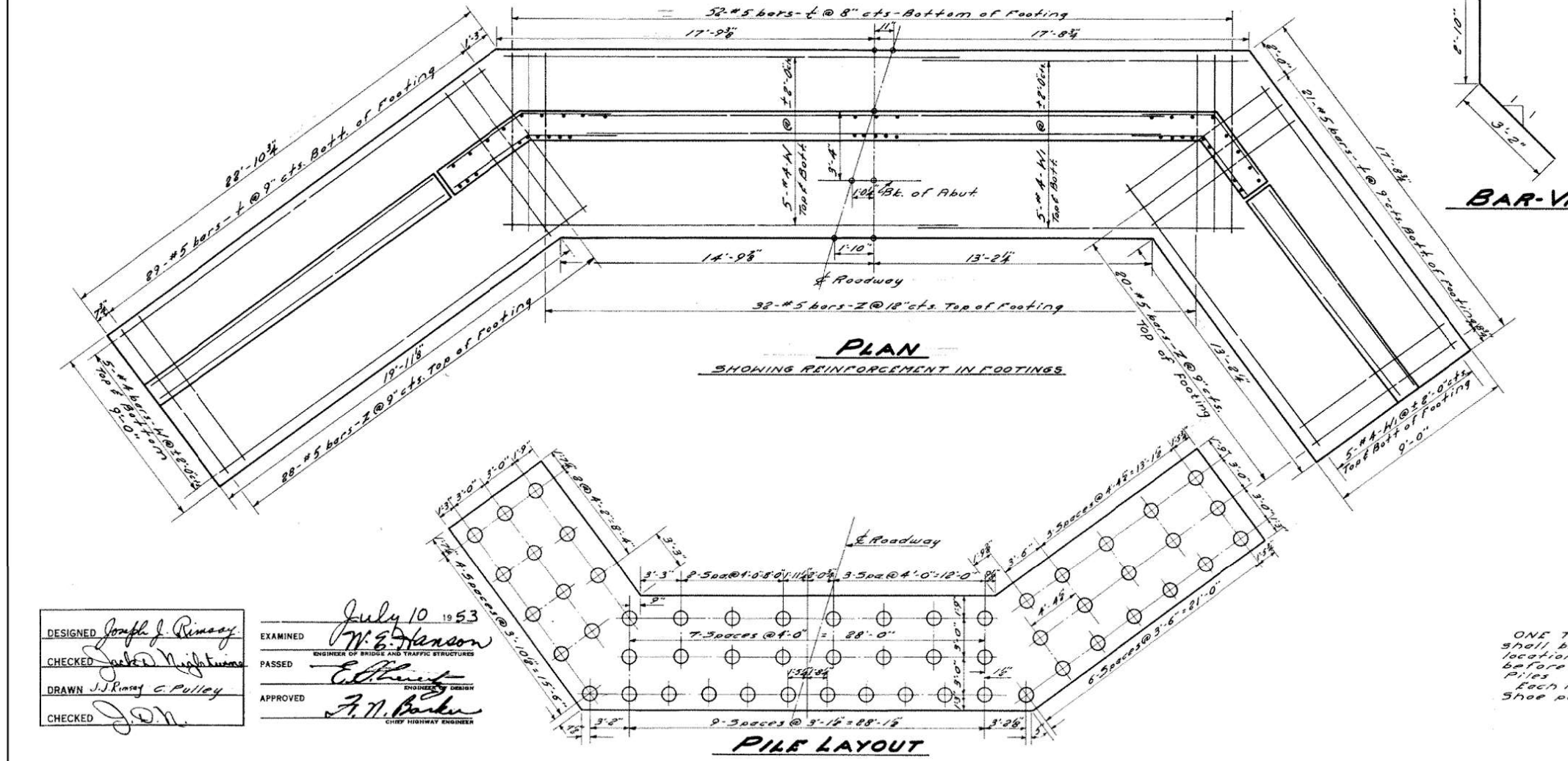
BARS-N-N1-N2

UNTREATED PILES
Minimum Capacity..... 14 Tons
Estimated length..... 20 ft.
Number Each Abut..... 55

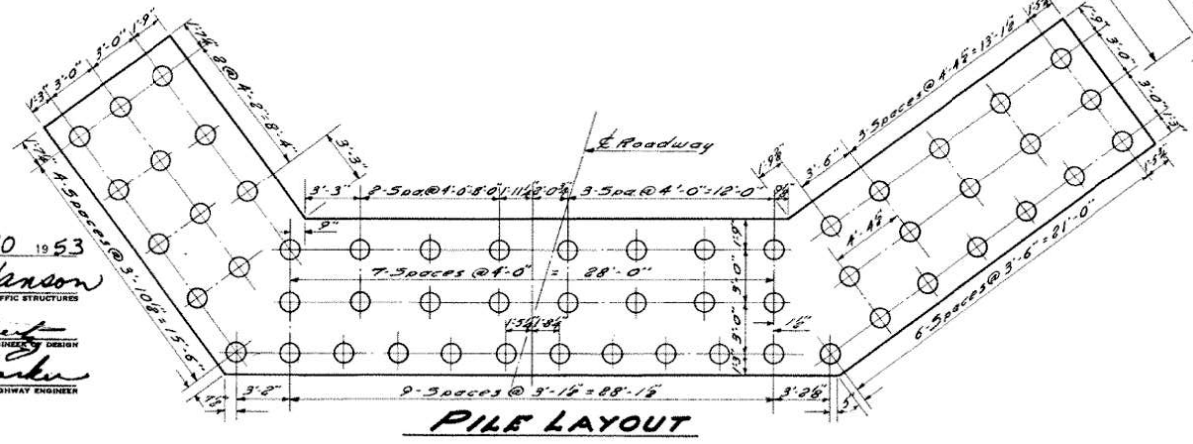
ONE TEST PILE IN EACH ABUTMENT shall be driven in a permanent location, as directed by the Engineer, before ordering the remainder of Piles. Each Pile shall be shod with a Metal Shoe per detail shown on SHEET 5

Class X Concrete Cu. Yds. 182.9
Reinforcement Bars Lbs. 11970
Untreated Piles (20' long) Lbs. 2160
Test Piles Ea. 2
Metal Shoes Ea. 108

FRENCH CREEK
S.B.I.R.T.3 (P.A.R.T.4) SEC. 15BR
WHITESIDE COUNTY
STATION 9+44



PLAN
SHOWING REINFORCEMENT IN FOOTINGS



PILE LAYOUT

DESIGNED *Joseph J. Rinsay*
CHECKED *Jack D. Nighswander*
DRAWN *J.J. Rinsay & Pulley*
CHECKED *J.O.N.*

EXAMINED *W.E. Hanson* July 10 1953
PASSED *E. H. ...*
APPROVED *A.N. Parker*