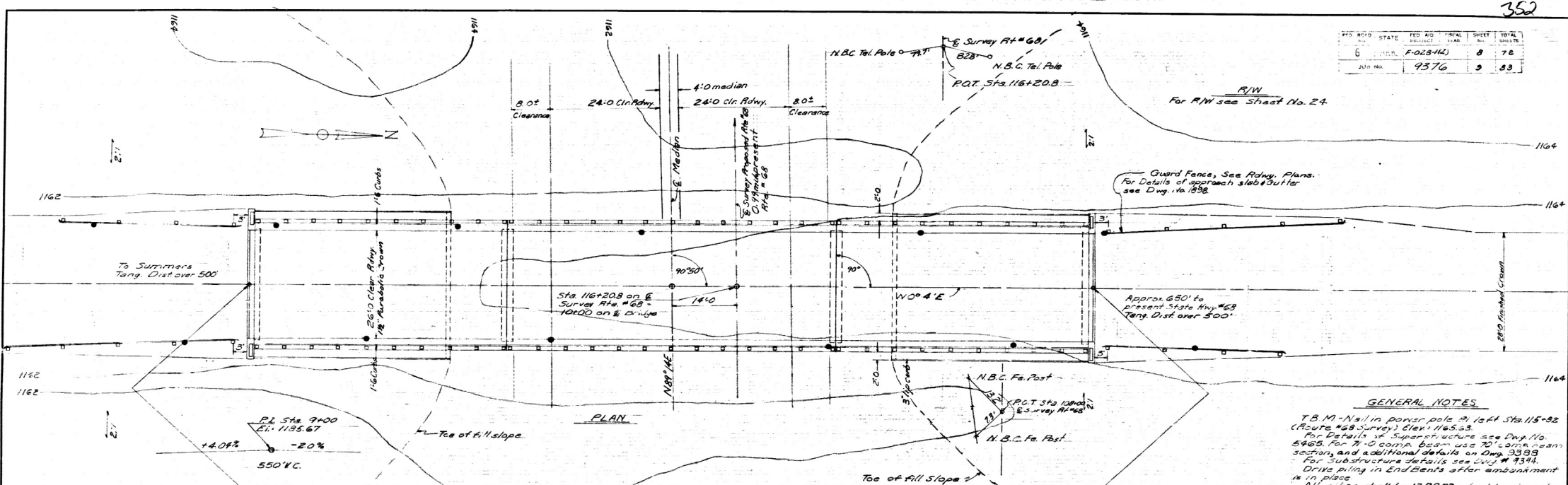


0.3" = 6' on this plan

352

PROJECT NO.	STATE	FED. AID	FEEL	SHEET	TOTAL
6	ARK.	F-0234(2)		8	78
DATE		9576		3	83



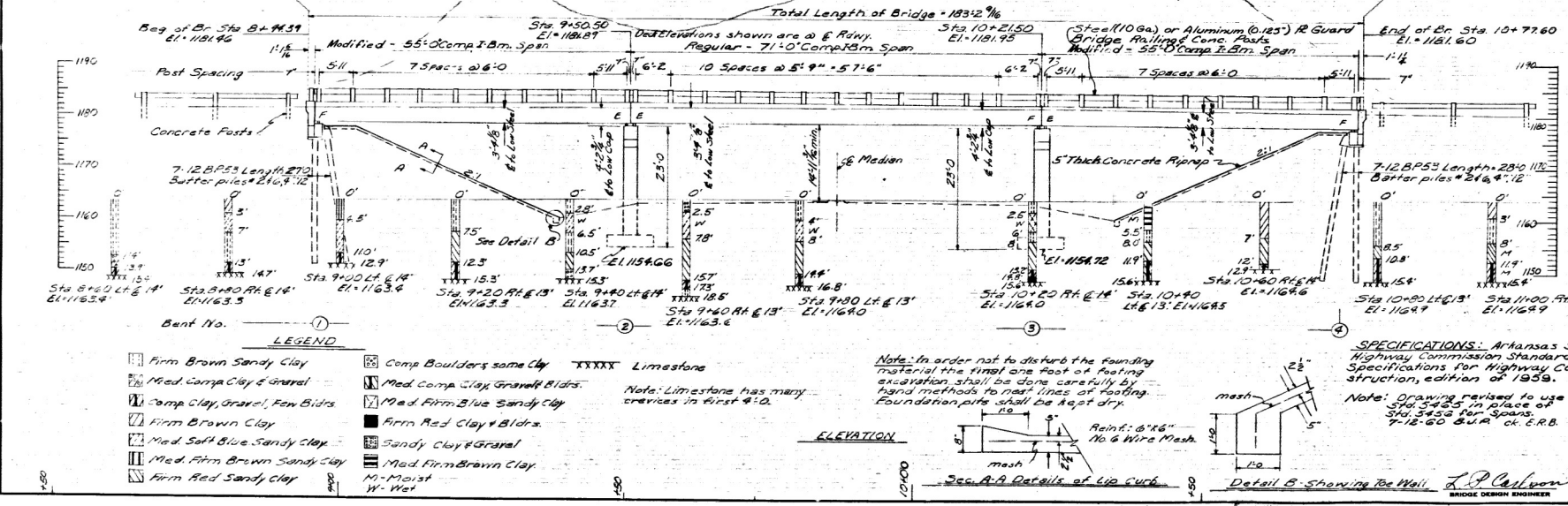
GENERAL NOTES

T.B.M. - Nail in power pole at left Sta. 115+32 (Route 68 Survey) elev. 1165.53.
For Details of Superstructure see Dwg. No. 5465. For 7'-0 comp. beam use 70' corner beam sections and additional details on Dwg. 3388.
For Substructure details see Dwg. #3344.
Drive piling in End Bents after embankment is in place.
All piling shall be 12BP53 steel bearing piles driven to refusal or to a minimum depth of two feet into the material designated as (limestone on the boring logs with a minimum bearing capacity of 34 tons per pile.
Lengths of piling shown are for estimating purposes only. Actual lengths shall be ordered on either of the following alternatives at the option of the Contractor.
Alternative A. After the Contractor has driven one 55' test pile in Bent #1, the Engineer shall furnish order, list to the Contractor. Payment shall be made for the net length of pile in place with allowance for cutoff and splicing as set forth in the Specifications.
Alternative B. The Contractor shall assume the responsibility for determining pile lengths in which case permanent shall be made for the net length of pile in place with no allowance for payment for cutoffs or splicing. Measurement for payment shall not include lengths driven beyond the minimum requirements for penetration into the rock and capacity per pile. Unless specifically authorized in writing by the Engineer, not more than one splice per pile shall be permitted.
Stresses: Class A conc. (n=15) 840 psi
Class B conc. (n=10) 1,200 psi
Rein. Steel 20,000 psi
Structural Steel 18,000 psi
Foundation Pressure 6,800 psi

LAYOUT OF ARKANSAS

STATE HIGHWAY 59 INTERCHANGE
SILOAM SPRINGS RELOCATION
BENTON COUNTY
ROUTE 68 SEC. 0
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

DRAWN BY: E.R.B. DATE: 2-22-57
CHECKED BY: J.H.K. DATE: 4-13-57
BRIDGE NO. 3051
DRAWING NO. 9390



- LEGEND
- 1 Firm Brown Sandy Clay
 - 2 Med. Comp. Clay & Gravel
 - 3 Comp. Clay, Gravel, Fm. Bldrs
 - 4 Firm Brown Clay
 - 5 Med. Soft Blue Sandy Clay
 - 6 Med. Firm Brown Sandy Clay
 - 7 Firm Red Sandy Clay
 - 8 Comp. Boulders same Clay
 - 9 Med. Comp. Clay, Gravel Bldrs
 - 10 Med. Firm Blue Sandy Clay
 - 11 Firm Red Clay & Bldrs
 - 12 Sandy Clay & Gravel
 - 13 Med. Firm Brown Sandy Clay
 - 14 M - Moist
 - 15 W - Wet
 - XXXXX Limestone
- Note: Limestone has many crevices in first 4'-0.

Note: In order not to disturb the founding material the final one foot of footing excavation shall be done carefully by hand methods to rest lines of footing. Foundation pits shall be kept dry.

SPECIFICATIONS: Arkansas State Highway Commission Standard Specifications for Highway Construction, edition of 1955.
Note: Drawing revised to use 500, 540, 5 in place of 500, 540 for spans. 7-12-60 B.L.R. ck. E.R.B.

