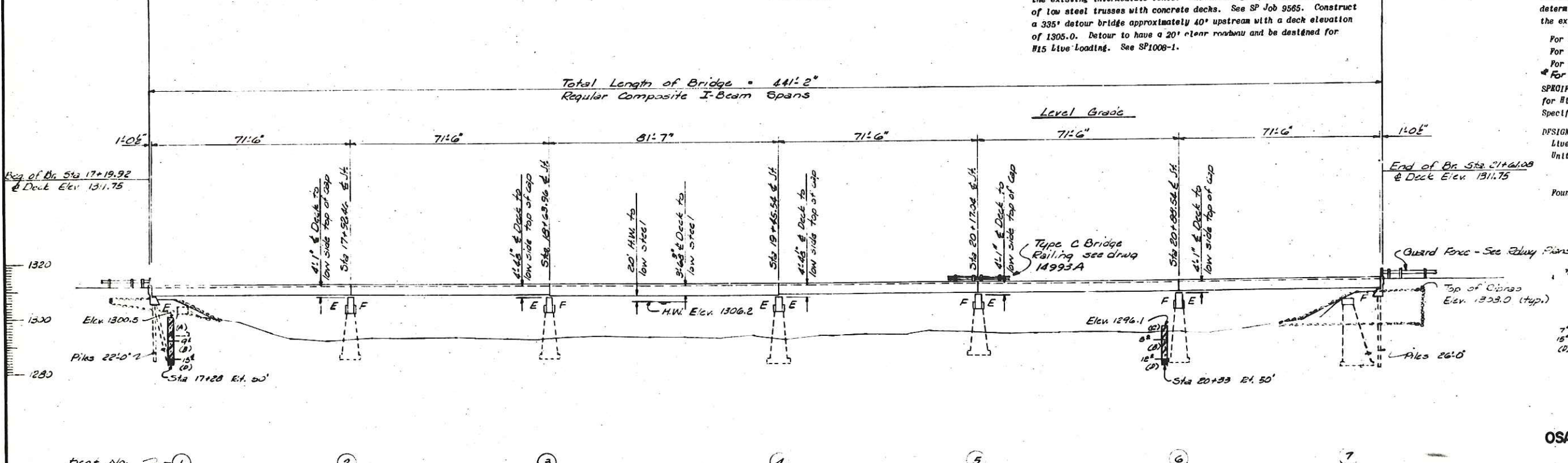
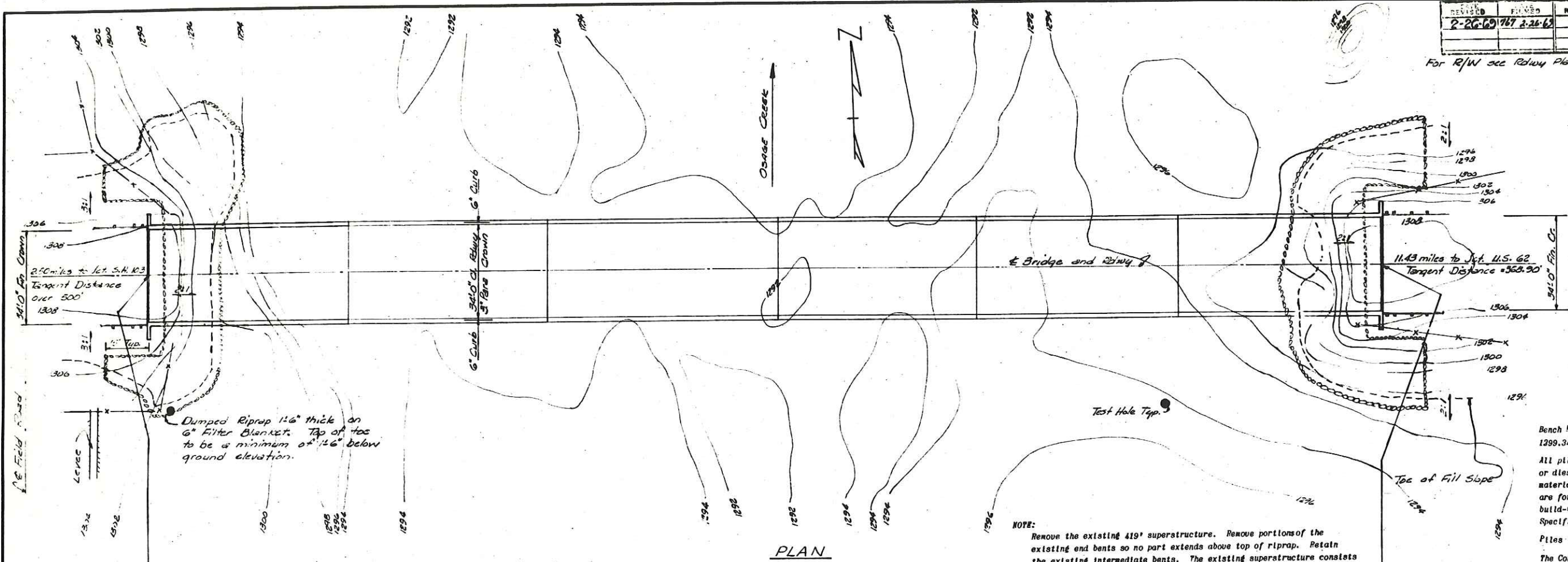




SOIL LEGEND

(A) Firm Brown Clay Gravel & Few Boulders
 (B) Comp. Clay Gravel & Boulders
 (C) Loose Sandy Clay & Gravel
 (D) Solid Limestone

ELEVATION

D.A. = 85 sq. mi.
 50 year frequency flood = 27,200 cfs
 Very Extreme H.W. = Elev. 1314.0
 Extreme H.W. = Elev. 1306.2
 Normal H.W. = Elev. 1302.5
 50 year frequency H.W. = Elev. 1303.6

GENERAL NOTES

Bench Mark - Nail in roof 30' Rim, 60' Rt., Sta. 1299.34.

All piling shall be 12BP53 and shall be driven or diesel hammer to a minimum capacity of 55 tons. Material designated as limestone on the boring logs for estimating quantities only. Order length build-up, if necessary, to be paid for in accordance with Specifications.

Piles in end bents to be driven after embankment.

The Contractor shall make check measurements and determine all dimensions and adjustments necessary for the existing construction.

For Details of End Bents see Det. No. 1594
 For Details of Intermediate Bents see Det. No. 1595
 For Details of Composite I-Beam Spans see Det. No. 1596
 For Details of Existing Substructure see Det. No. 1597

DESIGN SPECIFICATIONS:

Live Loading: HS20
 Unit Stresses: Class 5 Concrete (n=10)
 Reinforcing Steel: Structural Steel (A-36)

FOUNDATION PRESSURE:

Group I: 4.75 tons/sq. ft.
 Group II: 6.75 tons/sq. ft.
 Group III: 7.0 tons/sq. ft.

* Other Existing Details available

LAYOUT OF BRIDGE

OSAGE CREEK

OSAGE CREEK BRIDGE & CARROLL COUNTY

ROUTE 68

ARKANSAS STATE HIGHWAY

LITTLE ROCK, ARK.

BRIDGE NO. 2771A

Rev. Slopes at Bent 7 (8-8-68) JAS

L.P. Carlson
 BRIDGE ENGINEER