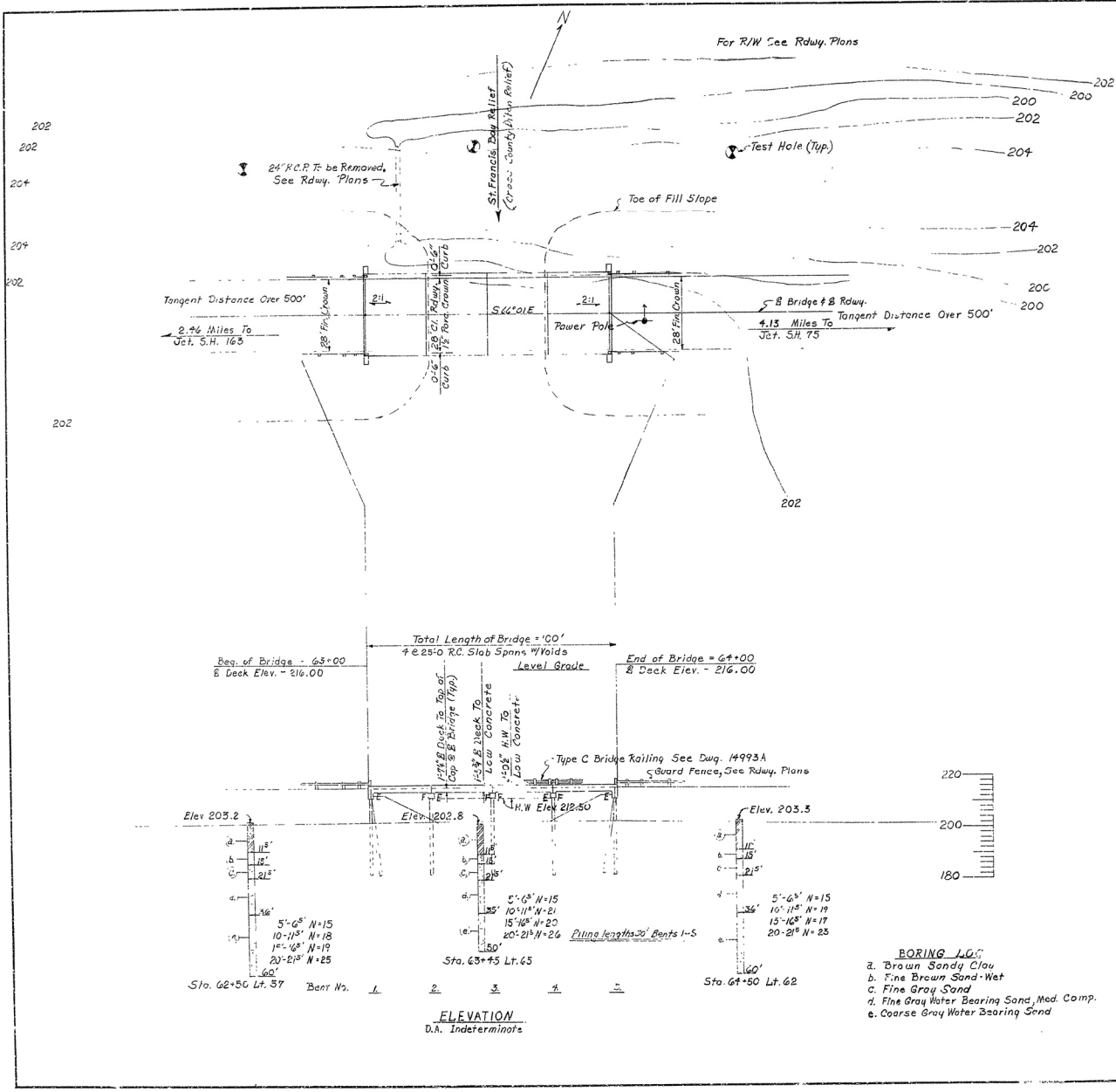


FED. ROAD DIST.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	ARK.				
JOB NO. 1170					
SO 5222 LAYOUT					



GENERAL NOTES

Bench Mark - Square cut on Wheel Guara 10' x 10' Station 74 + 51. Elev. 210.18

All concrete to be poured in the dry.

All piling shall be 16" octagonal precast concrete and shall be driven with an approved air, steam, or diesel hammer to a minimum bearing capacity of 44 tons per pile, and to a minimum penetration of 20 feet below the ground line. Lengths of piling shown are assumed for estimating quantities only. Actual lengths to be determined in the field. Drive one 25' test pile in Bent No. 3.

Piles in end bents to be driven after embankment to subgrade is in place.

For Details of Bents see Dwg. No. 15003.

For Details of Precast Concrete Piling see Dwg. No. 2382.

For Details of Superstructure see Dwg. No. 15003G.

SPECIFICATIONS: Arkansas State Highway Commission Standards Specifications for Highway Construction, Edition of 1959, the 1968 Supplemental Specifications, and applicable Special Provisions.

DESIGN SPECIFICATIONS:	AASHTO	1965
Live Load	HS20	
Unit Stresses:		
Concrete	Class 3 Concrete (4000)	1,200 psi
Reinforcing Steel		20,000 psi

LAYOUT OF BRIDGE OVER
ST. FRANCIS BAY RELIEF
(CROSS COUNTY DITCH RELIEF)
HWY. 42 GRADE RAISE
CROSS COUNTY
ROUTE 42 SEC. 3
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

DRAWN BY: M.J.W. DATE: 3-26-68
CHECKED BY: F.W.H. DATE: 3-26-68
BRIDGE NO. 5222 DRAWING NO. 15822

BRIDGE ENGINEER