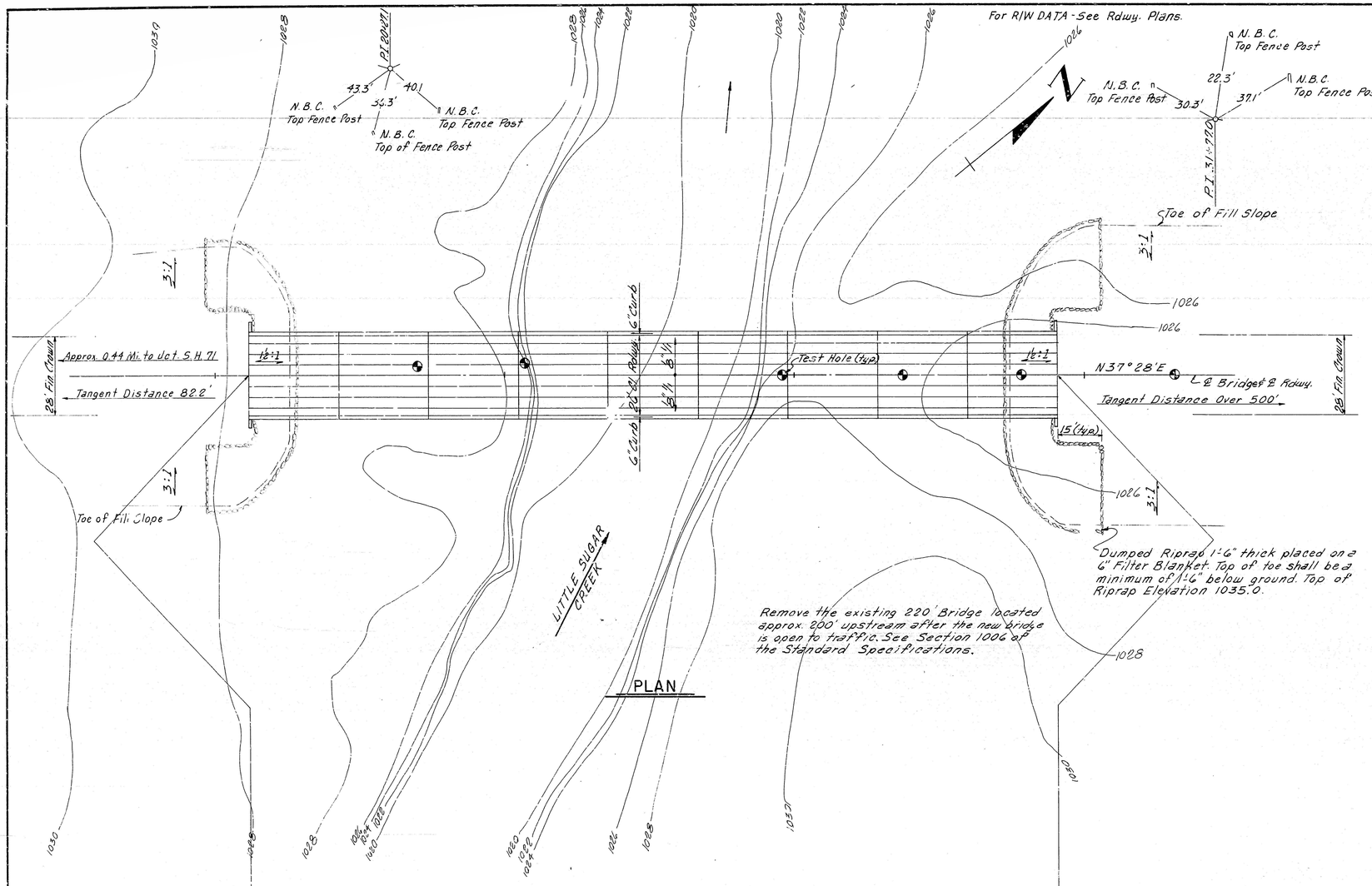
359

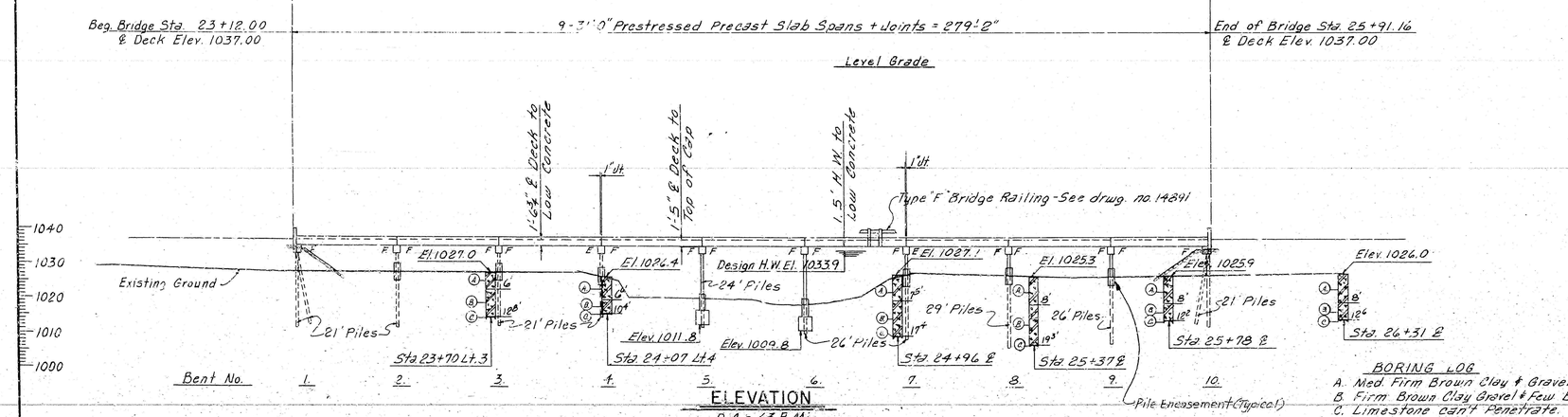
DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. ROAD NO.	STATE	FED. AID PROJ.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
				6	ARK.	(NEW)			
				JOB NO.		C-4-11		10	42

(1) 4244 LAYOUT 17775

For R/W DATA - See Rdwy. Plans.



PLAN



ELEVATION

D.A. = 63 ☐ Mi.
Q50 = 23,300 cfs @ Elev. 1033.9

BORING LOG
A. Med. Firm Brown Clay & Gravel.
B. Firm Brown Clay Gravel & Few Boulds.
C. Limestone can't Penetrate.

GENERAL NOTES

BENCH MARK - N.I.S. POWER POLE 138' RT. STA. 22+90, ELEV. 1030.66.

ALL CONCRETE SHALL BE POURED IN THE DRY.

ALL PILING SHALL BE HP10X42 AND SHALL BE DRIVEN WITH AN APPROVED AIR, STEAM, OR DIESEL HAMMER TO A MINIMUM CAPACITY OF 55 TONS PER PILE AND INTO THE MATERIAL DESIGNATED AS LIMESTONE ON THE BORING LOGS. LENGTHS OF PILING SHOWN ARE FOR ESTIMATING QUANTITIES ONLY. ORDER LENGTHS SHOWN; CUT-OFF OR BUILD-UP, IF NECESSARY, TO BE PAID FOR IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

PILES IN END BENTS TO BE DRIVEN AFTER EMBANKMENT TO SUBGRADE IS IN PLACE.

FOR DETAILS OF END BENTS, SEE DWG. NO. 14812.
FOR DETAILS OF INTERMEDIATE BENTS, SEE DWG. NO. 14812 & 17776.
FOR DETAILS OF 31' PRECAST PRESTRESSED SLAB SPANS, SEE DWG. NO. 14810 & 14811.

SPECIFICATIONS: ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EDITION OF 1959, THE 1966 SUPPLEMENTAL SPECIFICATIONS, AND APPLICABLE SPECIAL PROVISIONS.

DESIGN SPECIFICATIONS: AASHO 1969
LIVE LOADING: H20

UNIT STRESSES: CLASS S OR S(AE) CONCRETE (N=10) 1,200 PSI
REINFORCING STEEL 20,000 PSI

SEE DWG. NO. 14810 FOR UNIT STRESSES IN 31' PRESTRESSED PRECAST SLAB UNITS.

LAYOUT OF BRIDGE OVER LITTLE SUGAR CREEK LITTLE SUGAR & McKISIC CREEK BRIDGES & APPROACHES BENTON COUNTY

ROUTE 1013 SEC.

ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

DRAWN BY: W.W.W. DATE: 5-2-72
TRACED BY: DATE:
CHECKED BY: FH DATE: 5-3-72
SCALE: 1" = 20'-0"

Virgil Pinkerton
BRIDGE ENGINEER

BRIDGE NO. 4244 DRAWING NO. 17775