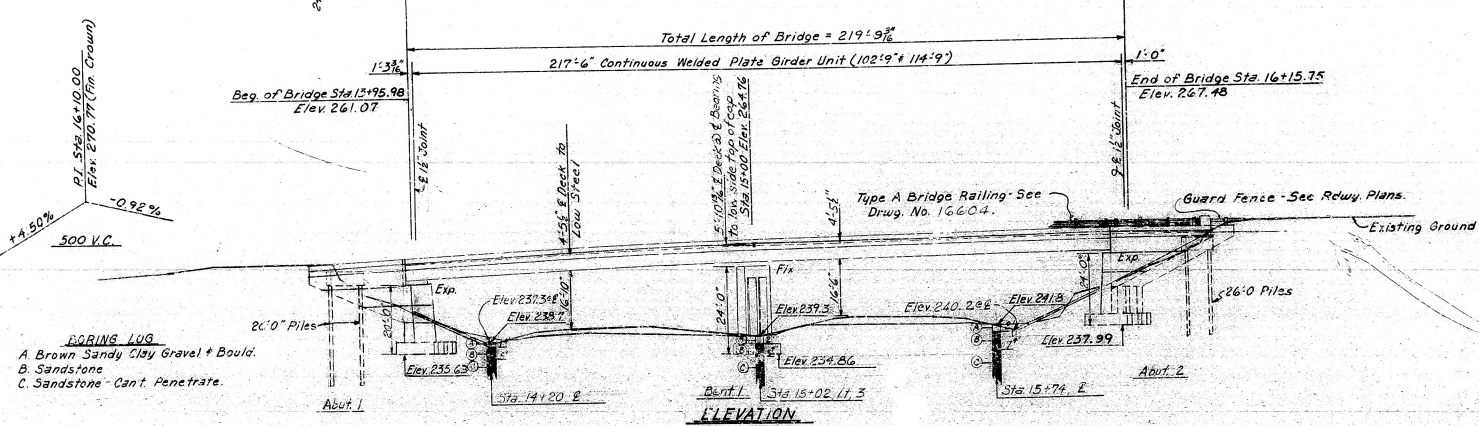
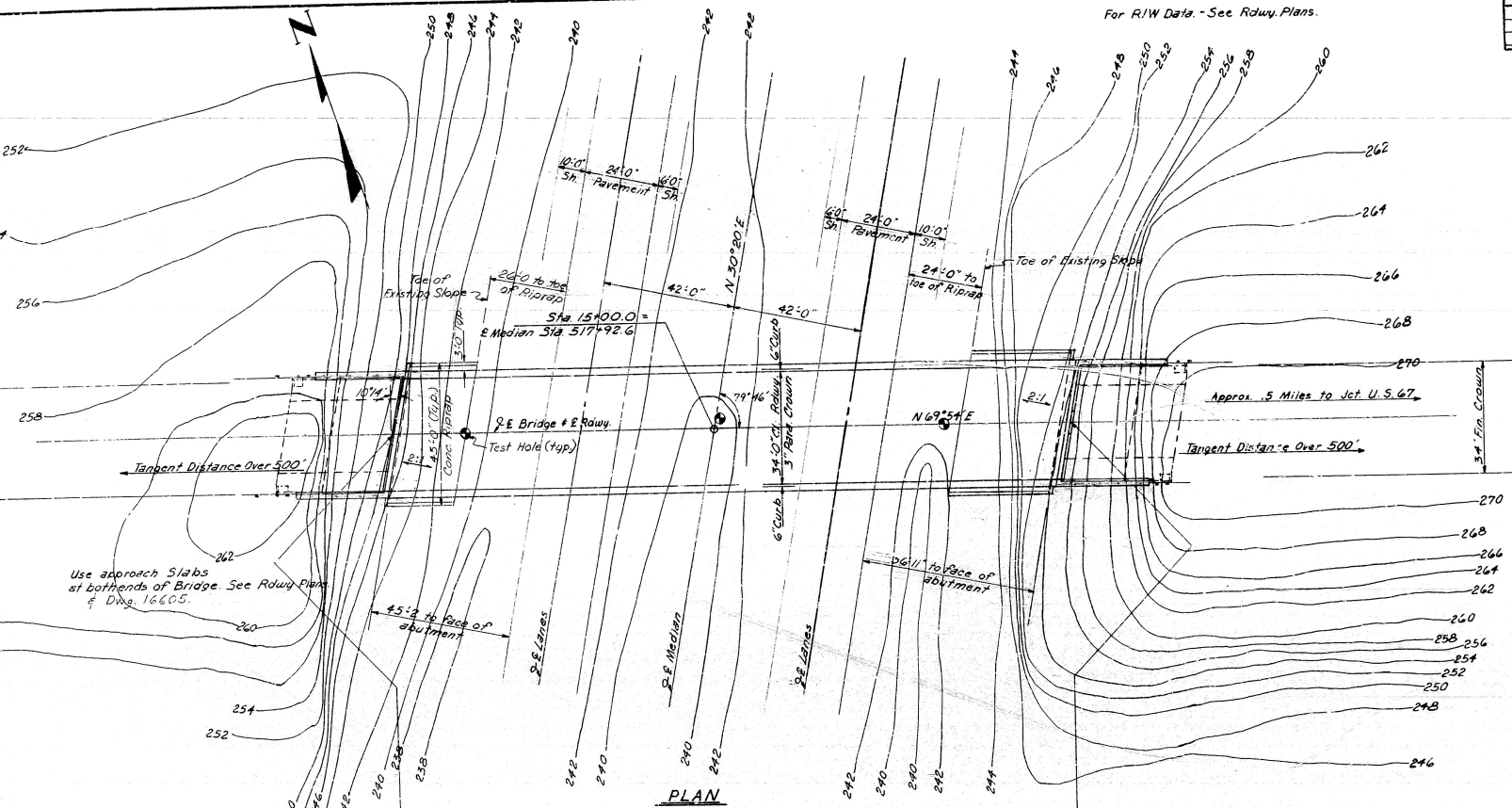


For R/W Data - See R/Wy. Plans.

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. ROAD NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TO SHEET
		9-30-67	5-11-1971	6	ARK.	7-021-3(22)	1967	57	24
				JOB NO.		1429		① 5336 LAYOUT 16674	



GENERAL NOTES

BENCH MARK - N.I.S. POWER POLE 230' LT., STATION 517 + 00, ELEVATION 259.90.

FOOTINGS SHALL BE SET A MINIMUM OF 1'-6" INTO SANDSTONE. ROCK EXCAVATIONS SHALL BE MADE TO NEAT LINES OF CONCRETE FOOTINGS. CARE SHALL BE EXERCISED TO AVOID SHATTERING OF ROCK FACES BY EXCESSIVE BLASTING. CONCRETE IN FOOTINGS SHALL BE POURED DIRECTLY AGAINST EXCAVATED SURFACES OF ROCK.

ALL CONCRETE SHALL BE POURED IN THE DRY.

ALL PILING SHALL BE 10B42 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 SANDSTONE ON THE BORING LOGS. LENGTHS OF PILE 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 TO BE DRIVEN AFTER EMBANKMENT IS IN PLACE. SEE SPECIFICATION FOR ABUTMENT CONSTRUCTION PROCEDURE. FOR DETAILS OF ABUTMENTS SEE DWG. NO. 16536-16538 & 16539-16541. FOR DETAILS OF INTERMEDIATE BENTS SEE DWG. NO. 16539-16541. FOR DETAILS OF CONTINUOUS WELDED GIRDER SPANS SEE DWG. NO. 16600-16603 & 16604.

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

DESIGN SPECIFICATIONS: AASHTO 1965
LIVE LOADING: H20
UNIT STRESSES: CLASS 5 CONCRETE (f_c=10) 1,200 PSI
REINFORCING STEEL 20,000 PSI
STRUCTURAL STEEL (A36) 20,000 PSI
STRUCTURAL STEEL (A572) 27,000 PSI

FOUNDATION PRESSURE: ABUT. 8.2 Ksf
BENT GP I 5.0 Ksf
GP II 8.4 Ksf
GP III 9.8 Ksf

LAYOUT OF UNDERPASS
WARD INTERCHANGE

PULASKI CO. LINE-BEEBE INTERCHANGE

LONOKE COUNTY

ROUTE 67 SEC. II

ARKANSAS STATE HIGHWAY COMMISSION

LITTLE ROCK, ARK.

DRAWN BY: W.W.W. DATE: 4-15-67
TRACED BY: FMH DATE: 1-20-69
CHECKED BY: FMH DATE: 1-20-69
BRIDGE NO. 5336 DRAWING NO. 165

BRIDGE ENGINEER