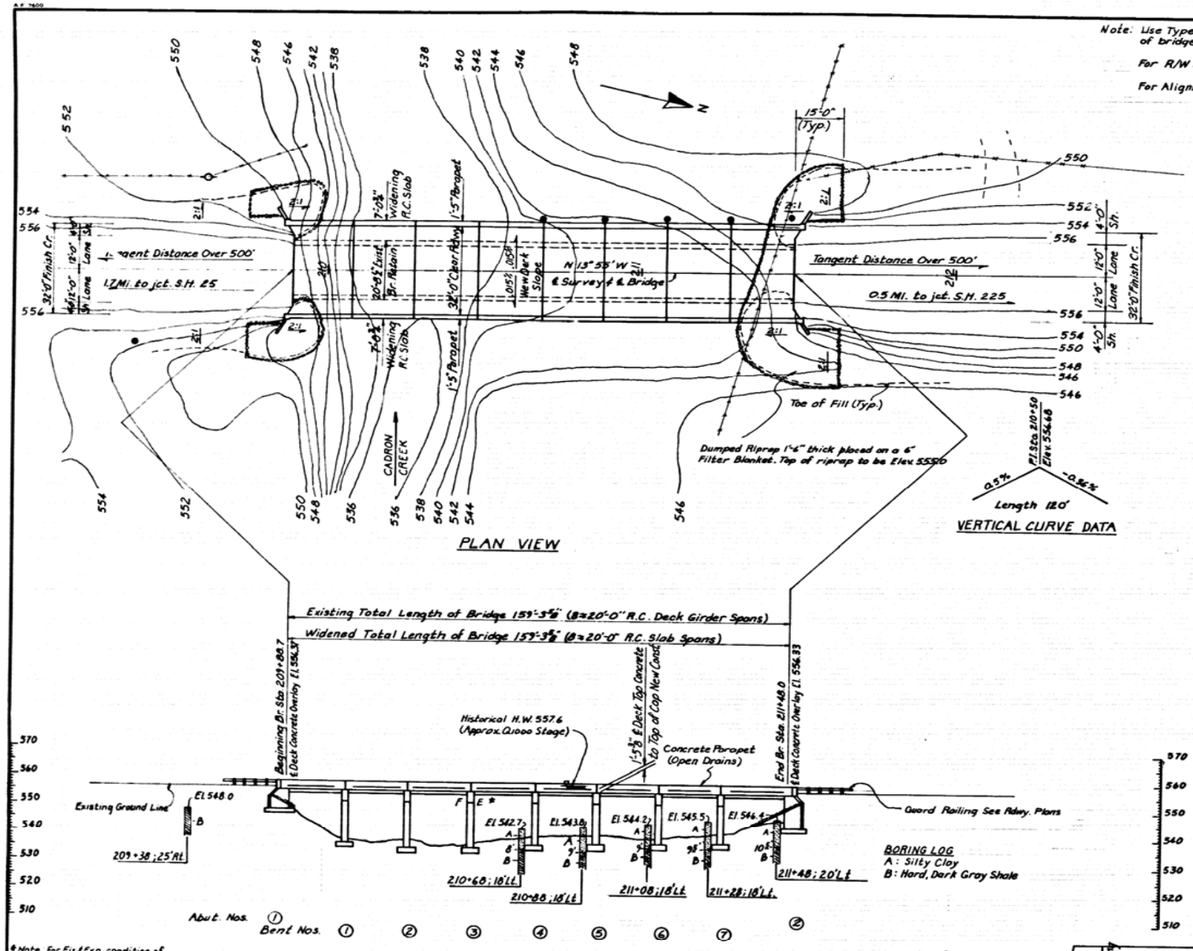
DATE REVISED	DATE REVISED	DATE REVISED	DATE REVISED	FED. ROAD NO.	STATE	FED. AND PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.	BR0-0012(3)		
				JOB NO.		5801	13	38

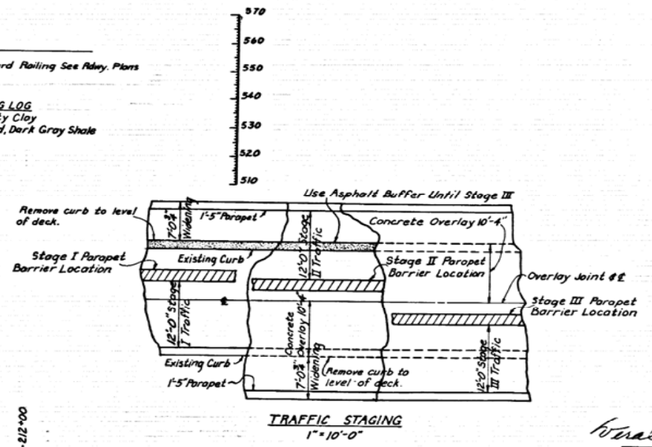
ⓘ M2957 LAYOUT 25474

Note: Use Type 'J' Approach Gutters at both ends of bridge. For details, See Dwg. No. 18198 J.

For R/W data & Guard Rails See Rdwy. Plans.

For Alignment Reference Points See Rdwy. Plans.





GENERAL NOTES

BENCH MARK: "□" CUT ON SE CORNER OF SE BRIDGE ABUTMENT 12' RT. OF STA. 209+89, ELEV. 556.61.

FOOTINGS FOR INTERMEDIATE BENTS SHALL BE SET TO THE SAME ELEVATION AS EXISTING FOOTINGS AND ON ROCK. FOUNDATIONS FOR FOOTINGS SHALL BE PREPARED IN ACCORDANCE WITH ARTICLE 801.04 OF THE STANDARD SPECIFICATIONS. ALL CONCRETE SHALL BE POURED IN THE DRY. ALL EXPOSED CORNERS TO BE CHAMFERED 3/4" UNLESS OTHERWISE NOTED.

THE WORK CONTEMPLATED CONSISTS OF WIDENING THE EXISTING BRIDGE ON BOTH SIDES OF THE ROADWAY, AND OVERLAYING THE EXISTING BRIDGE DECK WITH PORTLAND CEMENT CONCRETE. FOR REQUIREMENTS IN CONDUCTING THE WORK, SEE JOB SPECIAL PROVISION, "REMODELING EXISTING BRIDGE AND MAINTENANCE OF TRAFFIC", AND "REPAIR AND OVERLAY OF EXISTING CONCRETE BRIDGE FLOORS."

ALL DIMENSIONS RELATING TO EXISTING BRIDGE ARE TO BE VERIFIED IN THE FIELD AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING WIDENING TO EXISTING STRUCTURE.

FOR DETAILS OF WIDENING ABUTMENTS AND INTERMEDIATE BENTS, SEE DWG. NOS. 25475 - 25477.

FOR DETAILS OF WIDENING SPANS, SEE DWG. NO. 25478 - 25480.

SPECIFICATIONS: ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EDITION OF 1978 AND APPLICABLE SPECIAL PROVISIONS.

DESIGN SPECIFICATIONS: AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, 1977 WITH INTERIM SPECIFICATIONS.

LIVE LOAD: H20 (NEW CONSTRUCTION)

METHOD OF DESIGN: LOAD FACTOR (SUPERSTRUCTURE)
SERVICE LOAD (SUBSTRUCTURE)

UNIT STRESSES: f'_c = COMPRESSIVE STRENGTH OF CLASS S OR S(AE) CONCRETE = 3500 PSI
f_y = YIELD STRENGTH OF REINFORCING = 60,000 PSI

DESIGN FLOOD
Q50 = 10294 cfs
Normal WS = Elev. 554.5
W.S. with Backwater = Not Determined

BASIC FLOOD
Q100 = 11036 cfs.
Normal W.S. = Elev. 555.3
W.S. with Backwater = Not Determined

LAYOUT OF BRIDGE OVER CADRON CREEK MILL CREEK AND CADRON CREEK BRS. AND APPRS. CLEBURNE COUNTY

ROUTE 356 SEC. 2

ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

DRAWN BY: B.Y.L. DATE: 2-8-82
CHECKED BY: A.D.W. DATE: 2-8-82 SCALE: 1" = 2'0"
DESIGNED BY: B.Y.L. DATE: 2-8-82

Verna Pinkerton
BRIDGE ENGINEER

BRIDGE NO. M 2957 DRAWING NO. 25474