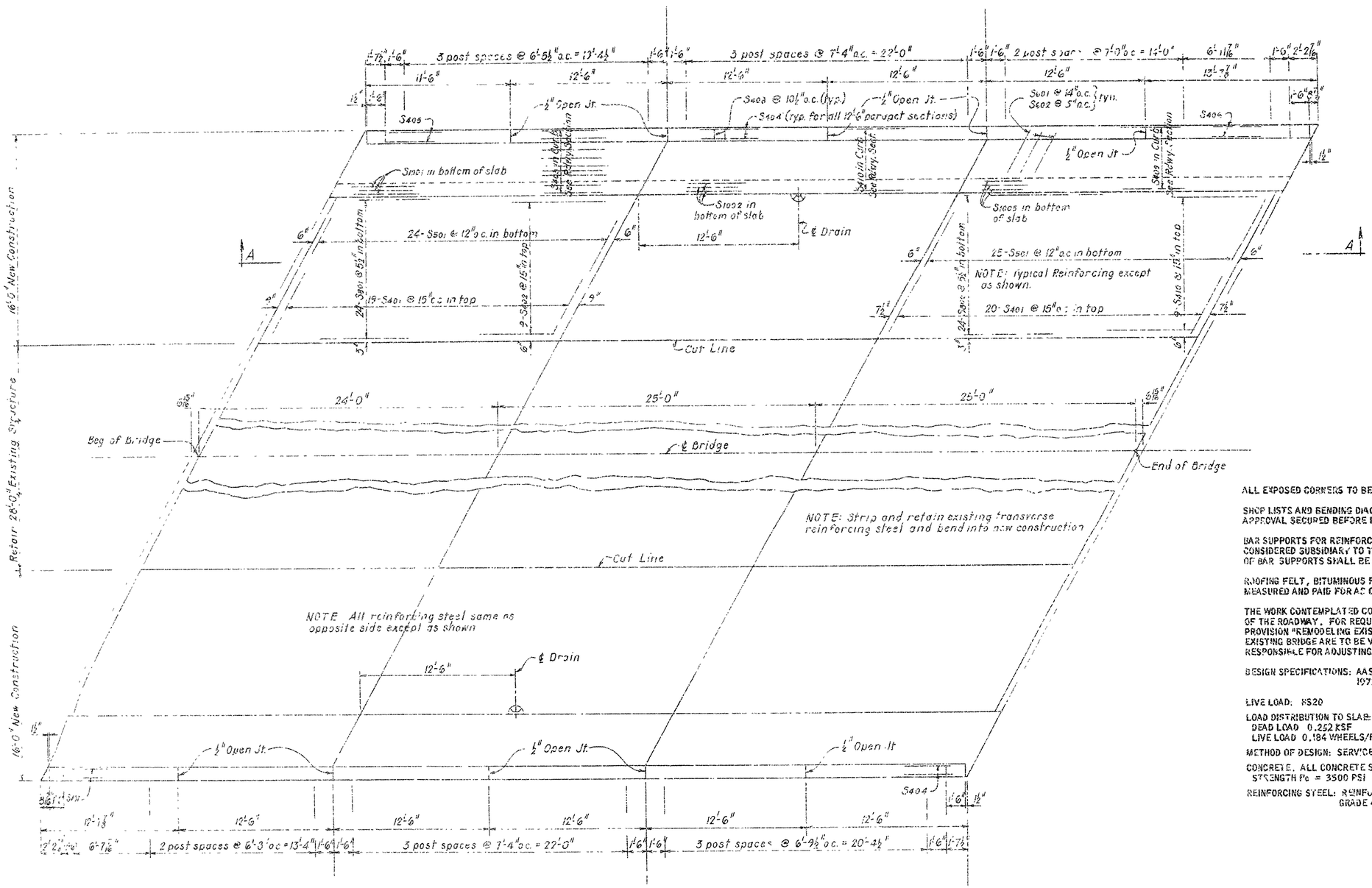
135

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. ROAD NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				8	ARK.			
				JOB NO.		4660	22	73

① 3519 SPANS 18813



NOTE: For Roadway Section & other supplementary details, see sheet 2 of 2.

PLAN

GENERAL NOTES

ALL EXPOSED CORNERS TO BE CHAMFERED 3/4" UNLESS OTHERWISE NOTED.

SHOP LISTS AND BENDING DIAGRAMS FOR REINFORCING BARS MUST BE SUBMITTED AND APPROVAL SECURED BEFORE FABRICATION IS BEGUN.

BAR SUPPORTS FOR REINFORCING BARS WILL NOT BE PAID FOR DIRECTLY, BUT WILL BE CONSIDERED SUBSIDIARY TO THE ITEM "REINFORCING STEEL". SHOP LISTS AND DIAGRAMS OF BAR SUPPORTS SHALL BE SUBMITTED FOR APPROVAL BEFORE FABRICATION IS BEGUN.

ROOFING FELT, BITUMINOUS FELT, PREFORMED JOINT, AND SYNTHETIC POLYMER SHALL BE MEASURED AND PAID FOR AS CLASS S CONCRETE.

THE WORK CONTEMPLATED CONSISTS OF WIDENING THE EXISTING BRIDGE ON BOTH SIDES OF THE ROADWAY. FOR REQUIREMENTS IN CONDUCTING THE WORK, SEE JOB SPECIAL PROVISION "REMODELING EXISTING BRIDGE STRUCTURES". ALL DIMENSIONS RELATING TO EXISTING BRIDGE ARE TO BE VERIFIED IN THE FIELD AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE WIDENING TO EXISTING STRUCTURE.

DESIGN SPECIFICATIONS: AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, 1973 WITH 1974 INTERIM SPECIFICATIONS.

LIVE LOAD: HS20

LOAD DISTRIBUTION TO SLAB:
DEAD LOAD 0.252 KSF
LIVE LOAD 0.184 WHEELS/FT. OF WIDTH PLUS 30% IMPACT.

METHOD OF DESIGN: SERVICE LOAD

CONCRETE. ALL CONCRETE SHALL BE CLASS S WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH P_c = 3500 PSI

REINFORCING STEEL: REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 40 YIELD STRENGTH = 40,000

SHEET 1 OF 2

DETAILS OF WIDENING SPANS
LITTLE MASSARD CREEK
MASSARD-EAST
SEBASTIAN COUNTY
ROUTE 22 SEC. 1

ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

DRAWN BY: W. Mej. DATE: 6-19-74
TRACED BY: DATE:
CHECKED BY: M.C. DATE: 26 June 74
SCALE: ¼" = 1'-0"

BRIDGE ENGINEER

BRIDGE NO. 351A DRAWING NO. 18813