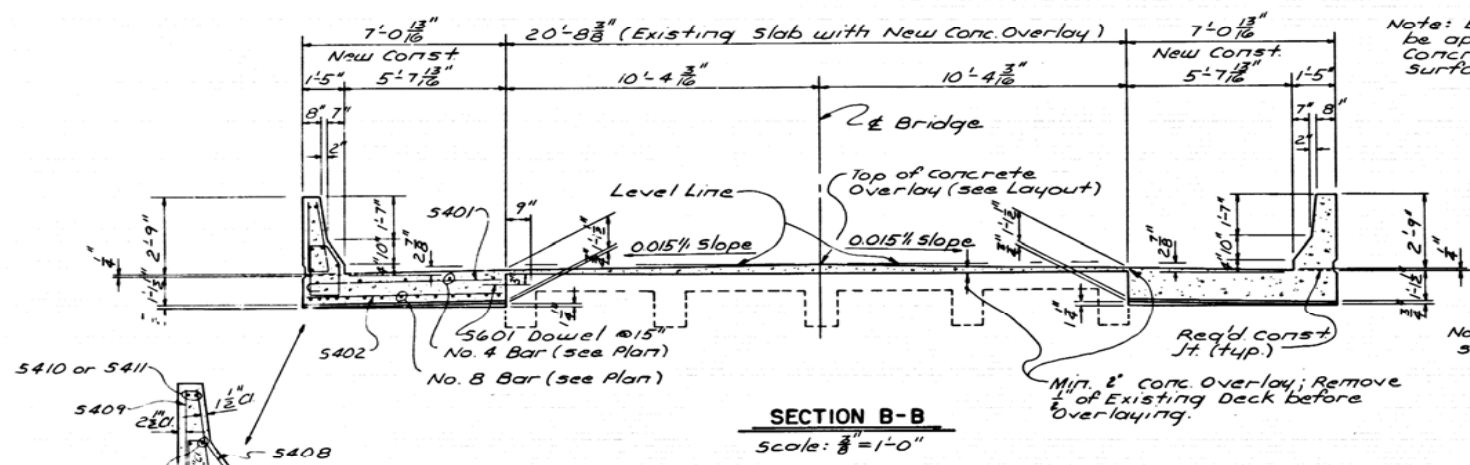


DATE	REVISION	DATE	REVISION	FED. ROAD NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.	BRO-0012(3)	21	30
						JOB NO. 5801		

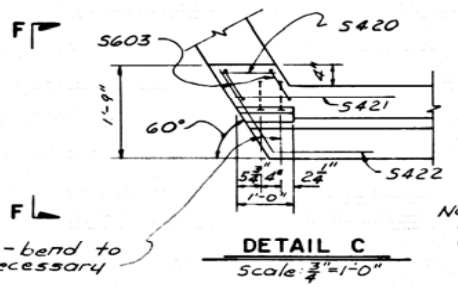
① M2957 SPAN DTL'S 25480



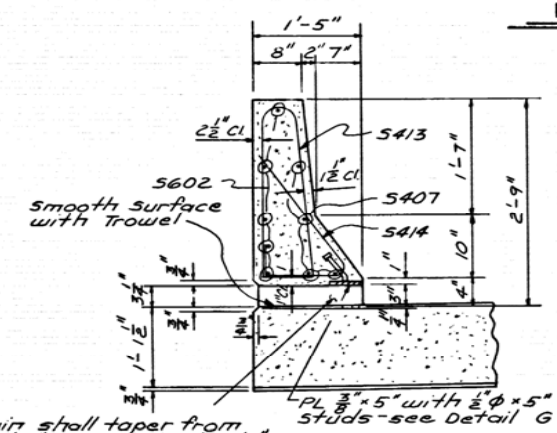
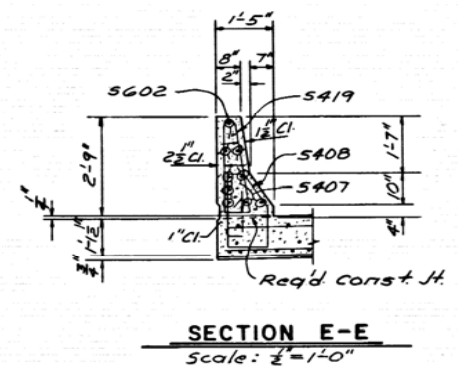
Note: Boiled Linseed Oil Treatment shall be applied to the face and top of the concrete Parapet Rail & Roadway surface.

Note: Reinf. steel same as opposite side.

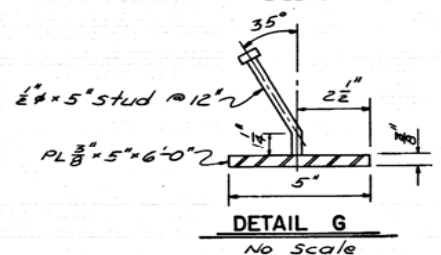
Note: When necessary cut new reinf. steel to fit into new construction.  
Drill  $\frac{1}{4}$ " holes into Existing slab and grout S601 Dowels. Holes shall be a min. of 3" from faces of existing concrete.



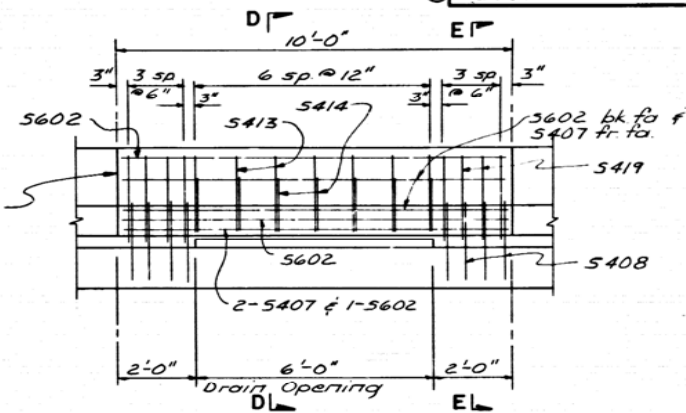
Note: For Guard Rail Conn. details, see dwg. no. GR-9A.



Drain shall taper from 3"x6'-0" at curb to 3 1/2"x6'-0" at back face of Conc. Parapet Rail.



NOTE: THE SURFACE OF THE 3/8" PLATES WHICH WILL NOT BE IN CONTACT WITH CONCRETE SHALL RECEIVE TWO COATS OF PAINT IN THE SHOP. THESE COATS SHALL BE THOSE SPECIFIED AS SHOP COAT (PRIME COAT) AND SECOND FIELD COAT IN SUBSECTION 807.59(d) AND 807.59(e), AND SPECIAL PROVISION 807-10.  
THE V2" Ø X 5" STUDS SHALL BE GRANULAR FLUX FILLED, SOLID FLUXED, OR EQUAL AND AUTOMATICALLY END WELDED TO THE 3/8" PLATE IN ACCORDANCE WITH RECOMMENDATIONS OF THE MANUFACTURER. STUDS AND PLATE TO BE MEASURED AND PAID FOR AS CLASS (S/AE) CONCRETE AND SHALL CONFORM TO ASTM A36.



GENERAL NOTES

ALL CONCRETE TO BE CLASS S (AE) AS SHOWN ON THE LAYOUT. ALL EXPOSED CORNERS TO BE CHAMFERED 3/4" UNLESS OTHERWISE NOTED.  
REINFORCING STEEL TO BE ASTM A615 OR A617, GRADE 60.  
BAR SUPPORTS FOR REINFORCING BARS WILL NOT BE PAID FOR DIRECTLY, BUT WILL BE CONSIDERED SUBSIDIARY TO THE ITEM "REINFORCING STEEL."  
ROOFING FELT, PREFORMED JOINT (AASHTO M153 TYPE III), AND POURED SYNTHETIC POLYMER JOINTS SHALL BE MEASURED AND PAID FOR AS CLASS (S/AE) CONCRETE.  
SPECIFICATIONS: ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EDITION OF 1978 AND APPLICABLE SPECIAL PROVISIONS.  
DESIGN SPECIFICATIONS: AASHTO 1977 EDITION WITH INTERIM SPECIFICATIONS.  
DESIGN LIVE LOADING: H20 (NEW CONSTRUCTION)  
LOAD DISTRIBUTION TO SLAB: DEAD LOAD 129 PSF, LIVE LOAD - .192 WHEELS/FT. OF WIDTH PLUS 30% IMPACT.  
UNIT STRESSES: COMPRESSIVE STRENGTH OF CLASS (S/AE) CONCRETE = 3500 PSI.  
YIELD STRENGTH OF REINFORCEMENT = 60,000 PSI  
LOAD FACTOR USED FOR DESIGN OF SLAB.  
THE WORK CONTEMPLATED CONSISTS OF WIDENING THE EXISTING BRIDGE ON BOTH SIDES OF THE ROADWAY AND OVERLAYING THE EXISTING CONCRETE SLAB WITH PORTLAND CEMENT CONCRETE. FOR REQUIREMENTS IN CONDUCTING THE WORK, SEE JOB SPECIAL PROVISION, "REMODELING EXISTING BRIDGE AND MAINTENANCE OF TRAFFIC" AND "REMODELING AND OVERLAY OF PORTLAND CEMENT 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.

SHEET 3 OF 3  
WIDENING DETAILS OF SPANS  
CADRON CREEK  
CLEBURNE COUNTY  
ROUTE 356 SEC. 2  
ARKANSAS STATE HIGHWAY COMMISSION

DRAWN BY: JPS DATE: 5-3-82  
CHECKED BY: JPS DATE: 5-18-82 SCALE: as noted  
BRIDGE NO. M 2957 DRAWING NO. 25480