



NOTE:

A CHANNEL CHANGE SHALL BE MADE WITH A 68' BOTTOM WIDTH AND 2:1 SIDE SLOPES, BEGINNING 339' UPSTREAM AT ELEVATION 503.85 GOING DOWNSTREAM ON 0.25% GRADE TO ELEVATION 502.9, 408' DOWNSTREAM.

AFTER NEW RIDGE IS OPENED TO TRAFFIC THE OLD BRIDGE SHALL BE REMOVED BY THE CONTRACTOR ACCORDING TO SP 1006-3 EXCEPT THAT MATERIAL RETAINED BY THE STATE WILL NOT BE CUT BY A TORCH. THE 24" STEEL FLOOR 5" x 10" AND 10" STEEL STRINGERS SHALL BE RELAINED BY THE STATE. ALL OTHER MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ITS VALUE SHALL BE REFLECTED IN THE UNIT PRICES OF HIS BID. THE OLD BRIDGE CONSISTS OF ONE 80'-0" LOW TRUSS SPAN WITH 18'-0" CLEAR ROADWAY WITH CONCRETE FLOOR, RESTING ON TWO MASS CONCRETE ABUTMENTS.

TOTAL CHANNEL EXCAVATION APPROXIMATELY 14,833 CU. YDS.

GENERAL NOTES

ALL CONCRETE TO BE CLASS 5, AND SHALL BE POURED IN THE DRY. EXPOSED CORNERS TO BE CHAMFERED 3/4" UNLESS OTHERWISE NOTED.

ROCK EXCAVATION SHALL BE MADE TO NEAT LINES OF CONCRETE FOOTINGS. CARE SHALL BE EXERCISED TO AVOID SHATTERING OF ROCK FACE BY EXCESSIVE BLASTING. CONCRETE IN FOOTINGS SHALL BE POURED DIRECTLY AGAINST EXCAVATED SURFACES OF ROCK. FOOTINGS FOR INTERIOR BENTS TO BE CARRIED A MINIMUM OF 1'-0" INTO FIRM SHALE.

IN GENERAL, ALL CONSTRUCTION JOINTS IN BENTS SHALL BE HORIZONTAL AND SHALL BE PROVIDED WITH KEYS NOT LESS THAN 1 1/2" HIGH COVERING THE MIDDLE THIRD OF BOTH DIMENSIONS.

REMOVAL OR ADJUSTMENT OF PUBLIC UTILITIES WHERE NECESSARY SHALL NOT BE AT THE CONTRACTOR'S EXPENSE.

FOR DETAILS OF END BENTS, SEE DWG. NO. 16716.

FOR DETAILS OF INTERMEDIATE BENTS, SEE DWG. NO. 16717.

FOR DETAILS OF 35' R.C. SLAB SPAN (WITH Voids) OR 15' SKEW SEE DWG. NO. 16718 & 16719.

FOR DETAILS OF BRIDGE RAILING, SEE DWG. NO. 14993A.

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

DESIGN SPECIFICATIONS: AASHTO 1969

DESIGN LIVE LOAD: H20

UNIT STRESSES: CLASS 5 CONCRETE (w/10) 1,200 PSI

REINFORCING STEEL 20,000 PSI

Revision: Moved Structure Forward 75' and revised Channel Change: 2-15-77 K.M.G.

Checked by C.E.S. 2-16-77



