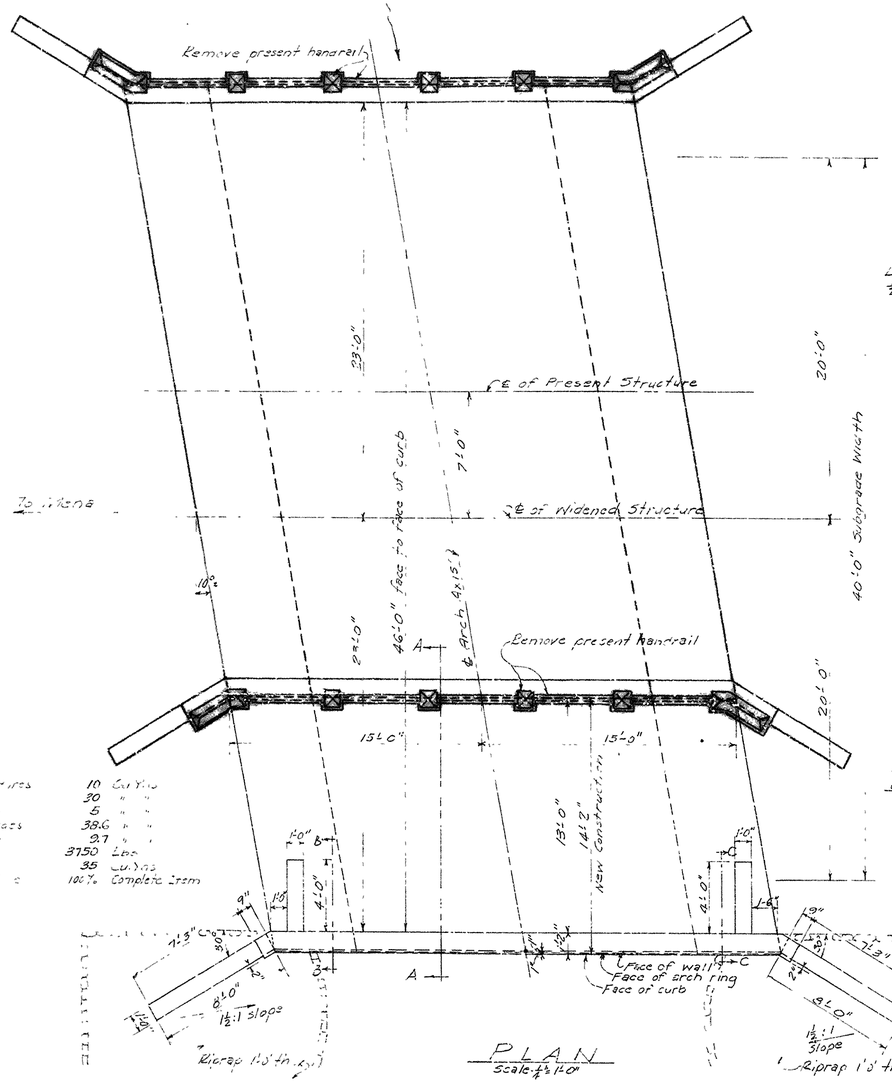
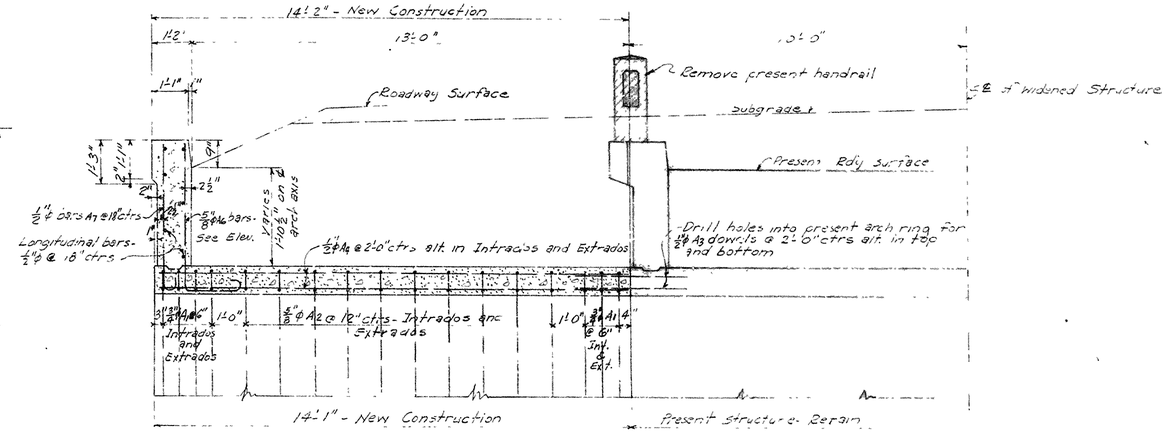


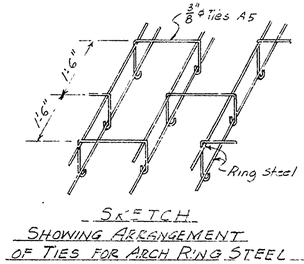
QUANT. TIES

10	Cu Yds	Excavation for structures
30	"	Class "A" Concrete
5	"	Class "B" "
38.6	"	Class "C" "
9.7	"	Class "D" "
3750	Lbs	Reinforcing Steel
35	Cu Yds	Riprap
100%	Complete	Remove existing structure

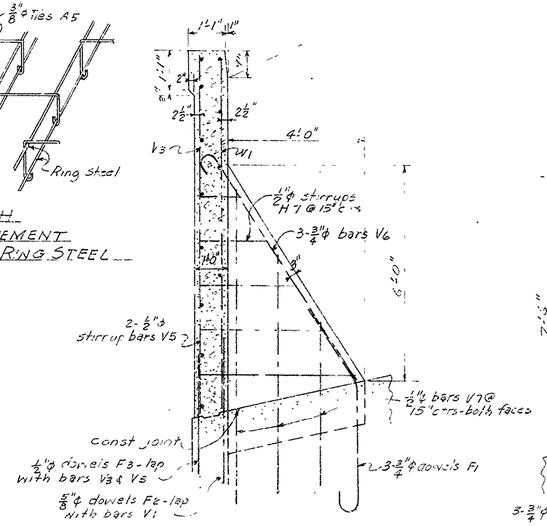
Note. Construct riprap 1'-0" thick on fill slopes around wing walls.



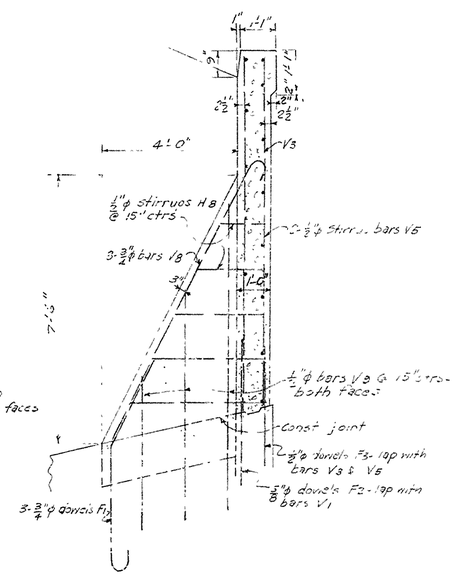
SECTION A-A
Scale-½"=1'-0"



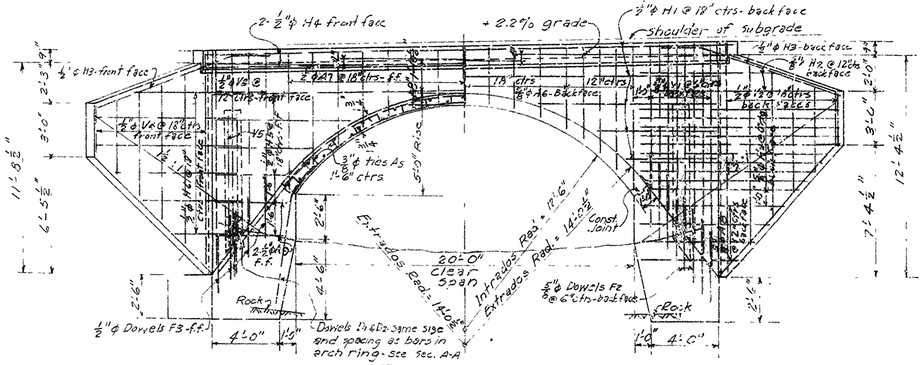
SKETCH
SHOWING ARRANGEMENT
OF TIES FOR ARCH RING STEEL



SECTION B-B
SHOWING COUNTERFORT
Scale-½"=1'-0"



SECTION C-C
SHOWING COUNTERFORT
Scale-½"=1'-0"



ELEVATION
Scale-½"=1'-0"

General Notes

Concrete in arch ring to be Class "B". All other concrete to be Class "A". All concrete shall be poured in the dry. Exposed corners to be chamfered ¾".

Reinforcing steel to be deformed bars of structural or intermediate grade. Bar lists and bending diagrams shall be submitted and approval secured before fabrication is begun.

Rock excavation to be made to neat lines of concrete footings. Care shall be exercised to avoid shattering of rock faces by excessive blasting.

Specifications: Arkansas State Highway Commission Standard Specifications for Road and Bridge Construction, dated March 1, 1940.

Design Live Load - H-15 Loading

BRIDGE ENGINEER

DETAILS OF WIDENING EXISTING ARCH SPAN AT MENA
POLK COUNTY
ROUTE 71 SEC 9

ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

Drawn by: B. Date: 5-8-44
Traced By: B Date: 5-9-44 Scale-As Shown
Checked By: Date:

BRIDGE NO 1977 DRAWING No 4636A