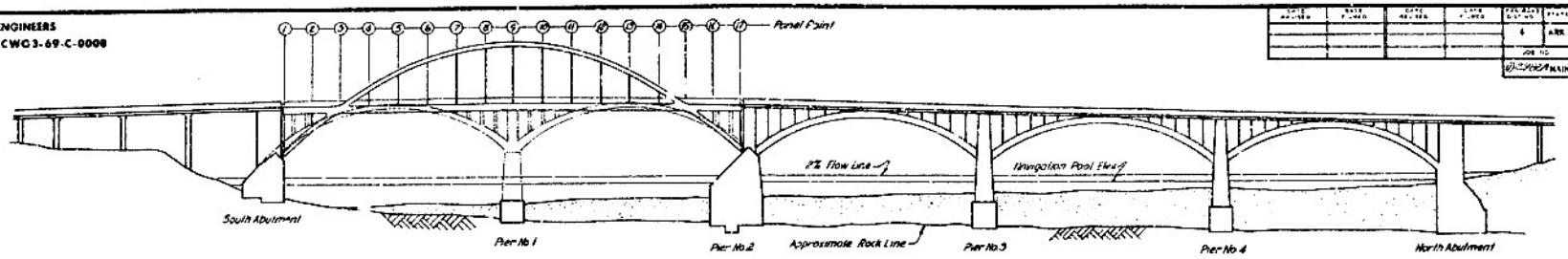
180

CORPS OF ENGINEERS
CONTRACT NO. DACW03-69-C-0008

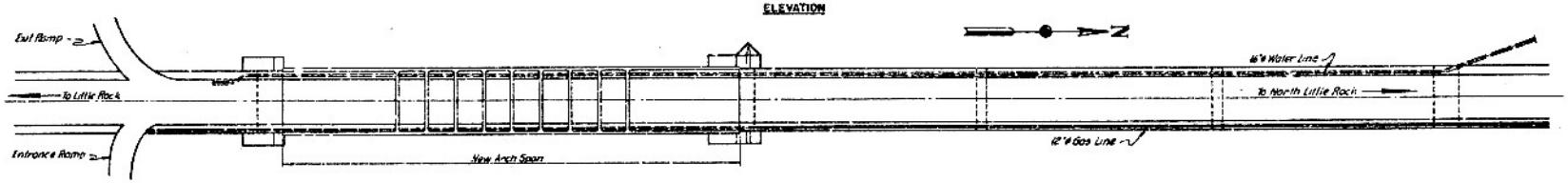
				FED. AID PROJ. NO.	STATE	FED. ROAD PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		130	
				JOB NO.		LRR		

MAIN AND BROADWAY BRIDGES (E.F.)

2982
312



ELEVATION



PLAN

CONSTRUCTION PROCEDURE

1. Modify South Abutment and Pier 2 as required to support the new span.
2. Close the Broadway Bridge to traffic after completion of the Northbound Lanes of the Main Street Bridge.
3. Erect the arch rib, tie girder, hangers, posts and all possible bracing for the new span. Panel points not braced must be secured to the existing span. Falsework may be supported on the existing spans.
4. Relocate utilities using temporary supports from the tie girder and arch rib. The utilities may either be installed in a temporary location or suspended in final position.
5. Remove the existing floor system and erect all possible floorbeams and bracing. Install temporary bracing at Pier 1 and other temporary bracing required for stability when the existing spans are removed.
6. Close spans from the South Abutment to Pier 2 to navigation. Dismantle the existing spans using falsework bents and remove Pier 1 to Elevation 214.00.
7. Complete installation of the new floor system and install utilities on final supports.

ALTERNATE CONSTRUCTION PROCEDURE

1. Modify South Abutment and Pier 2 as required to support the new span.
2. Close the Bridge to navigation from the South Abutment to Pier 2.
3. Erect falsework bents for dismantling the two existing spans. Relocate utilities using temporary supports from the falsework bents. The utilities may either be installed in a temporary location or suspended in final position.
4. Close the Bridge to traffic after completion of the Northbound Lanes of the new Main Street Bridge.
5. Remove the existing spans, erect the new span and install utilities on final supports.
6. Remove Pier 1 to Elevation 214.00.

ERECTION NOTES

The contractor shall be responsible for developing the erection scheme and shall submit complete details of the procedure including all falsework, temporary bracing, bearing stiffeners, provisions for jacking, utility supports and all other incidentals to the Engineer for approval.

Materials required for erection and temporary utility supports or relocation will not be measured for payment and the costs thereof shall be included in the unit bid prices for other items.

HORIZONTAL CONTROL

The station at centerline Pier 2 is used as a reference point. All horizontal dimensions are measured from this point.

UTILITIES

Maximum down time for the gas and water lines is 24 hours, unless permission is obtained from owner. See Special Provisions.

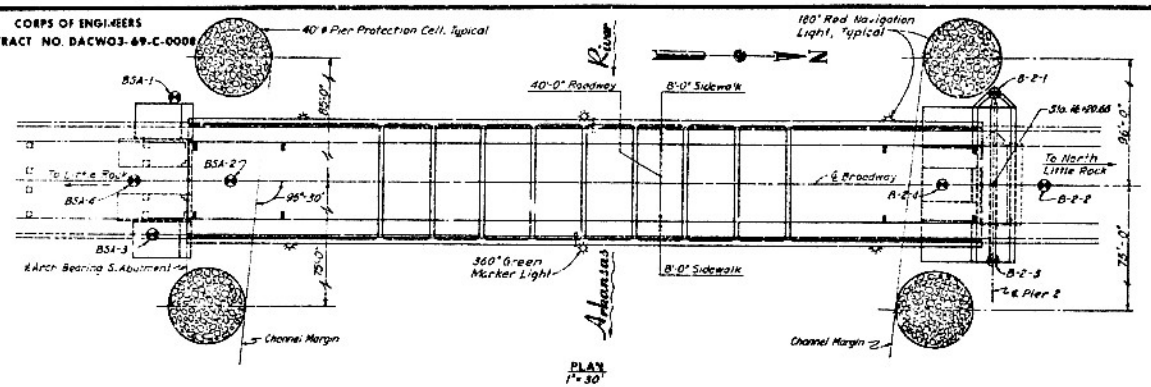
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARKANSAS
BROADWAY BRIDGE ALTERATION
AT LITTLE ROCK, ARKANSAS
PULASKI COUNTY

CONSTRUCTION PROCEDURE
B-type 317

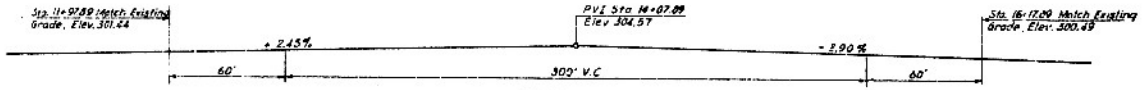
HOWARD, NEEDLES, TAMMEN & BERGENDOFF, CONSULTING ENGINEERS — HNTB

DRAWN BY L.V.M. DATE 4-30-69 CHECKED BY P.W.B. DATE 4-30-69
BRIDGE NO. 2982A SCALE NO SCALE DRAWING NO. 15-3

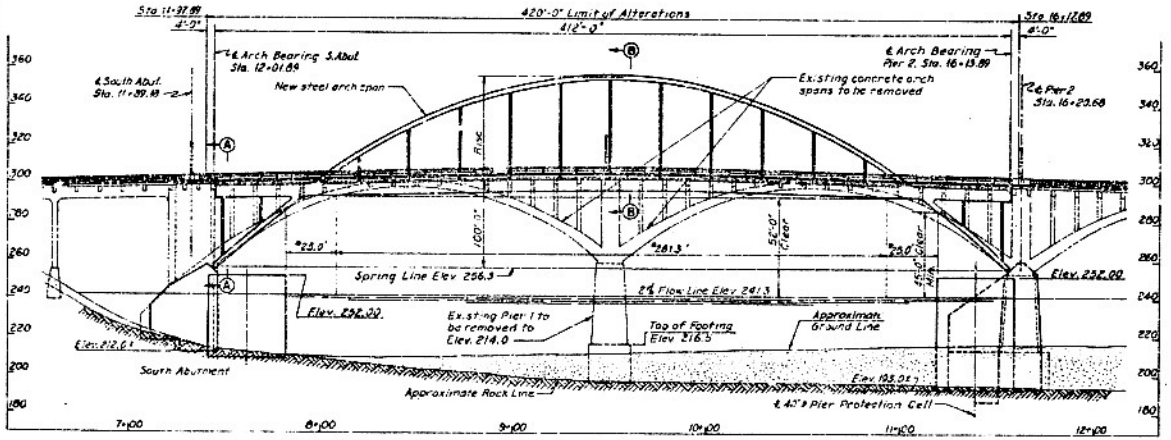
CORPS OF ENGINEERS
CONTRACT NO. DACW03-69-C-0008



PLAN
1" = 30'

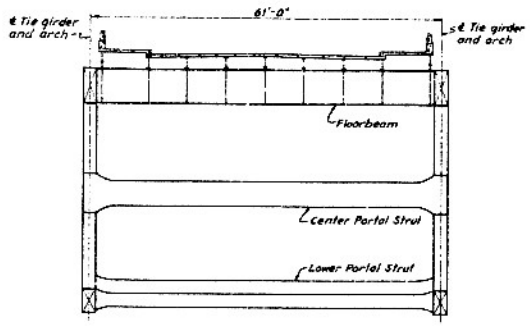


PROFILE GRADE
No Scale

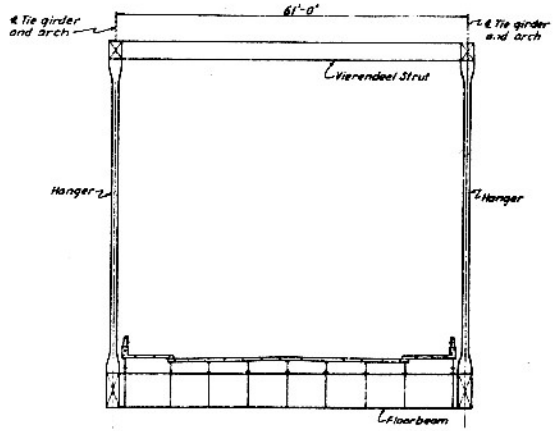


ELEVATION
1" = 30'

* Normal to Channel



SECTION A-A
1" = 10'



SECTION B-B
1" = 10'

LEGEND

Light Standard

Floor Drain

Boring Location

ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARKANSAS
BROADWAY BRIDGE ALTERATION
AT LITTLE ROCK, ARKANSAS
PULASKI COUNTY

GENERAL PLAN AND ELEVATION
By Type 312

HOWARD, NEEDLES, TAMMEN & BERGENDOFF CONSULTING ENGINEERS | HNTB

DRAWN BY G.D. DATE 3-27-69 CHECKED BY E.S.M. DATE
BRIDGE NO. 2982 A SCALE As Shown DRAWING NO. 6272

129

6272 BROADWAY BRIDGES AE 272

2982
312