

ELEVATION OF GIRDER

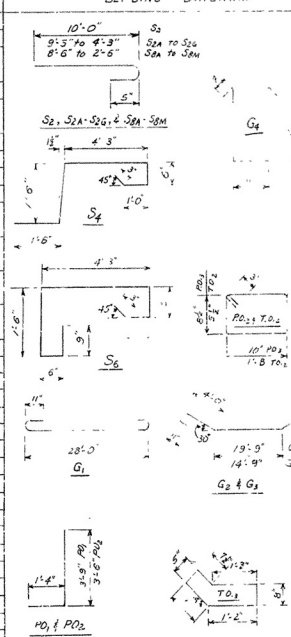
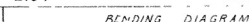
SECTION A-A

SECTION B-B

SECTION F-F  
Scale  $\frac{1}{2}'' = 1'-0''$

DETAIL OF L/H TURNOUT POST  
Scale: 1"=1'-0"

BAR				
MARK	SIZE	NO.	LENGTH	PIN
S <sub>1</sub>	"4	6	26" 3	3 1/2
S <sub>2</sub>	"5	45	10 1/2" 7	3 1/2
S <sub>2A</sub> to	"5	1	10 1/2" 4	3 1/2
S <sub>2S</sub>	"5	1	9 1/2" 4	3 1/2
S <sub>3</sub>	"5	45	10" 0	STK
S <sub>3A</sub> to	"5	1	9 5/8" 4	STK
S <sub>3S</sub>	"5	100	4" 5	STK
S <sub>4</sub>	"4	58	3" 0	15
S <sub>5</sub>	"6	100	4" 2	STK
S <sub>6</sub>	"4	42	8 1/8" 6	1 1/2
S <sub>7</sub>	"4	3	11" 0	STK
S <sub>8A</sub> to	"5	100	9 1/2" 7	3 1/2
S <sub>8B</sub>	"5	1	3 1/2" 4	3 1/2
S <sub>8A</sub> to	"5	1	8 5/8" 4	STK
S <sub>8M</sub>	"5	1	2" 0	STK
S <sub>9A</sub> to	"4	100	30 5/8" 8	STK
S <sub>9D</sub>	"4	1	29" 3	STK
S <sub>10A</sub> to	"4	100	32" 10	STK
S <sub>10C</sub>	"4	1	28" 11	STK
S <sub>12</sub>	"4	1	2 3/8" 4	STK
S <sub>13</sub>	"4	1	30" 0	STK
S <sub>14</sub>	"4	1	30" 6	STK
S <sub>15</sub>	"4	1	28" 2	STK
S <sub>16</sub>	"4	1	2 7/8" 4	STK
S <sub>17</sub>	"4	1	17" 4	STK
S <sub>18</sub>	"4	3	19 1/2" 6	STK
S <sub>19</sub>	"4	1	20" 2	STK
S <sub>20</sub>	"4	1	20" 10	STK
S <sub>21</sub>	"4	1	21 5/8" 6	STK
S <sub>22</sub>	"4	2	2" 6	STK



GENERAL NOTES

"All concrete, no be Class S. If exposed surface on elements & unless otherwise noted, the reinforcing steel shall be deformed bars of wire mesh, and shall be placed in the form and firmly held in place by steel wire supports, sufficient in number and size to prevent displacement of the bars during placement. It will not be paid for directly but will be considered incidental to the item "Reinforcing Steel".

"The following items shall be included in the reinforcing work. The items shall be submitted and approved before fabrication is begun.

"The items shall be removed & replaced, each space, primarily, in welding, shall be paid for under item "Removal of Existing Bridge Structures". See also Part 2.

"For general notes see Div. No. 12309.

DETAILS OF WIDENING SPAN  
BRIDGE OVER TOWN BRANCH

MARION COUNTY

ROUTE 62      SEC. 9

ARKANSAS STATE HIGHWAY COMMISSION

LITTLE ROCK, ARK

DRAWN BY: LK DATE: 1-2-60  
 TRACED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ SCALE:  $\frac{3}{8}'' = 1'-0''$  & Notes  
 CHECKED BY: Em DATE: 4 FEB 60  
 BRIDGE NO. 676 A DRAWING NO. 10

DRAWN BY: L.B. DATE: 1-2-60  
 TRACED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 SCALE:  $\frac{1}{2} = 1' \times 6 \text{ NG} \pm 50'$

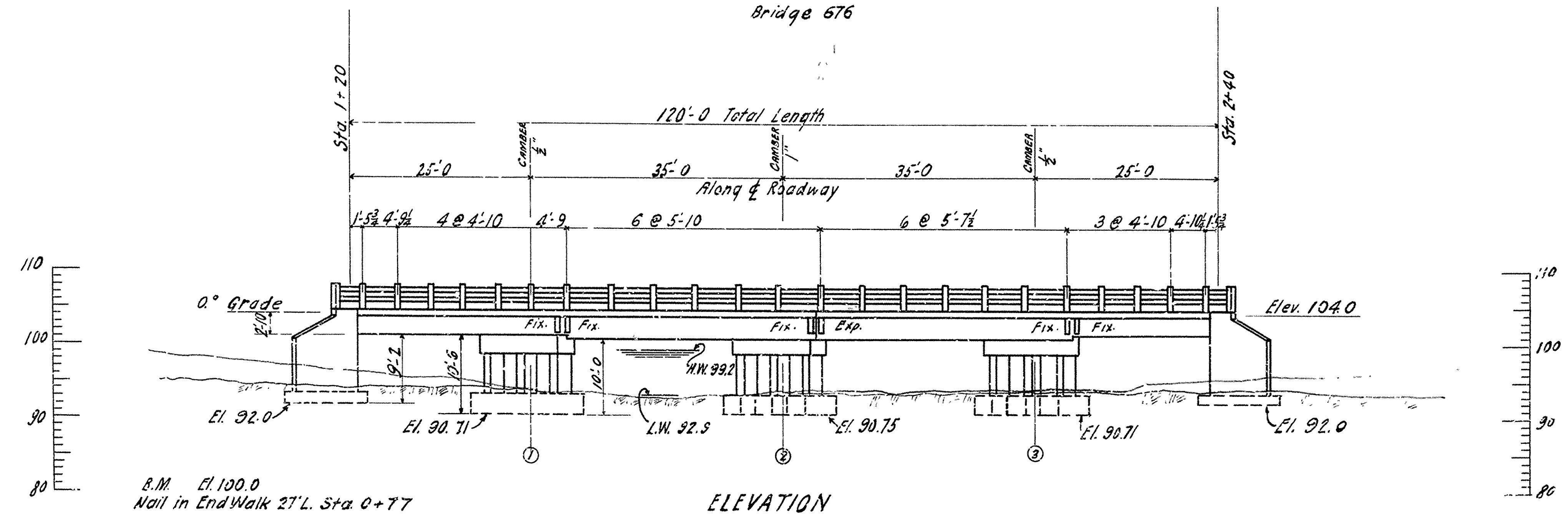
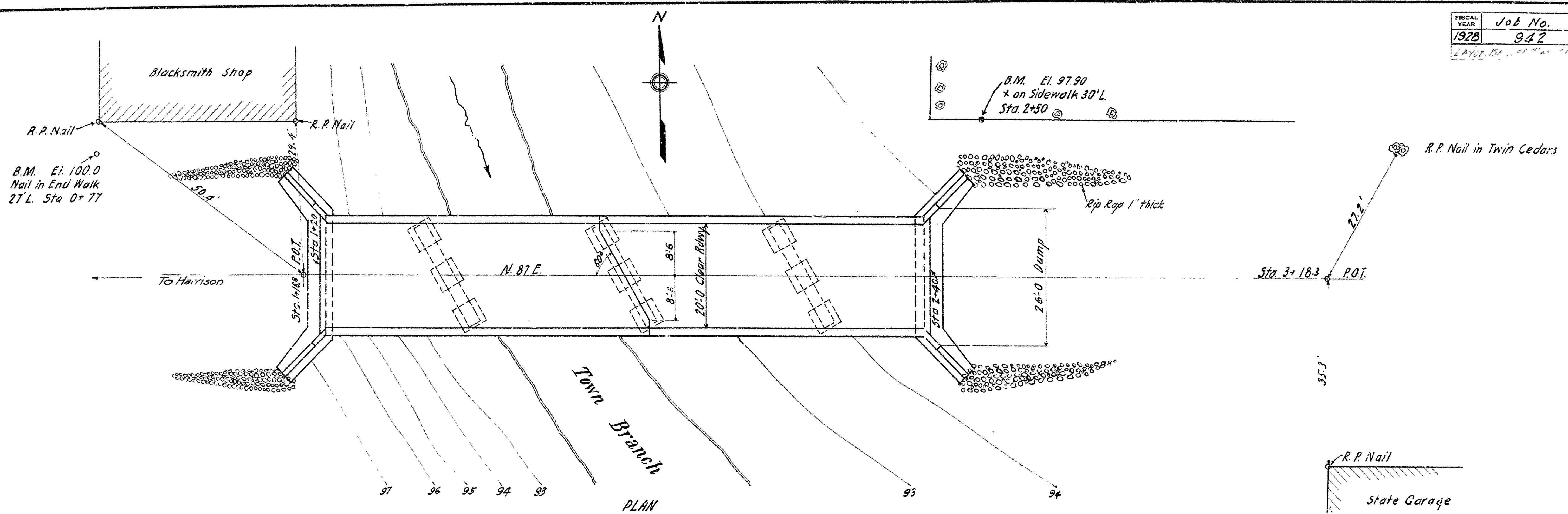
TRACED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
CHECKED BY: Em DATE: 4 FEB 60

BRIDGE NO. 676 A DRAWING NO. 10

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FISCAL YEAR	Job No.	SHEET TOTAL
1928	942	5 6



QUANTITIES

Item No.	Description	Quantity
13.	Dry Excavation for Structures	20.0 Cu Yds.
13.	Wet " "	47.0 Cu Yds.
13.	Solid Rock Excavation for Structures	43.0 Cu Yds.
54.	Class "A" Concrete	91.75 Cu Yds.
54.	" "S" "	133.72 Cu Yds.
55.	Reinforcing Steel	335.30 Lbs.
69.	Rip Rap - 1 Ft. Thick	75.0 Sq. Yds.
74.	Hand Rail - Concrete	250.0 Lin. Ft.

B.M. El. 100.0  
Nail in End Walk 27'L. Sta. 0+77

B.M. El. 97.90  
\* on Sidewalk 30'L. Sta. 2+50

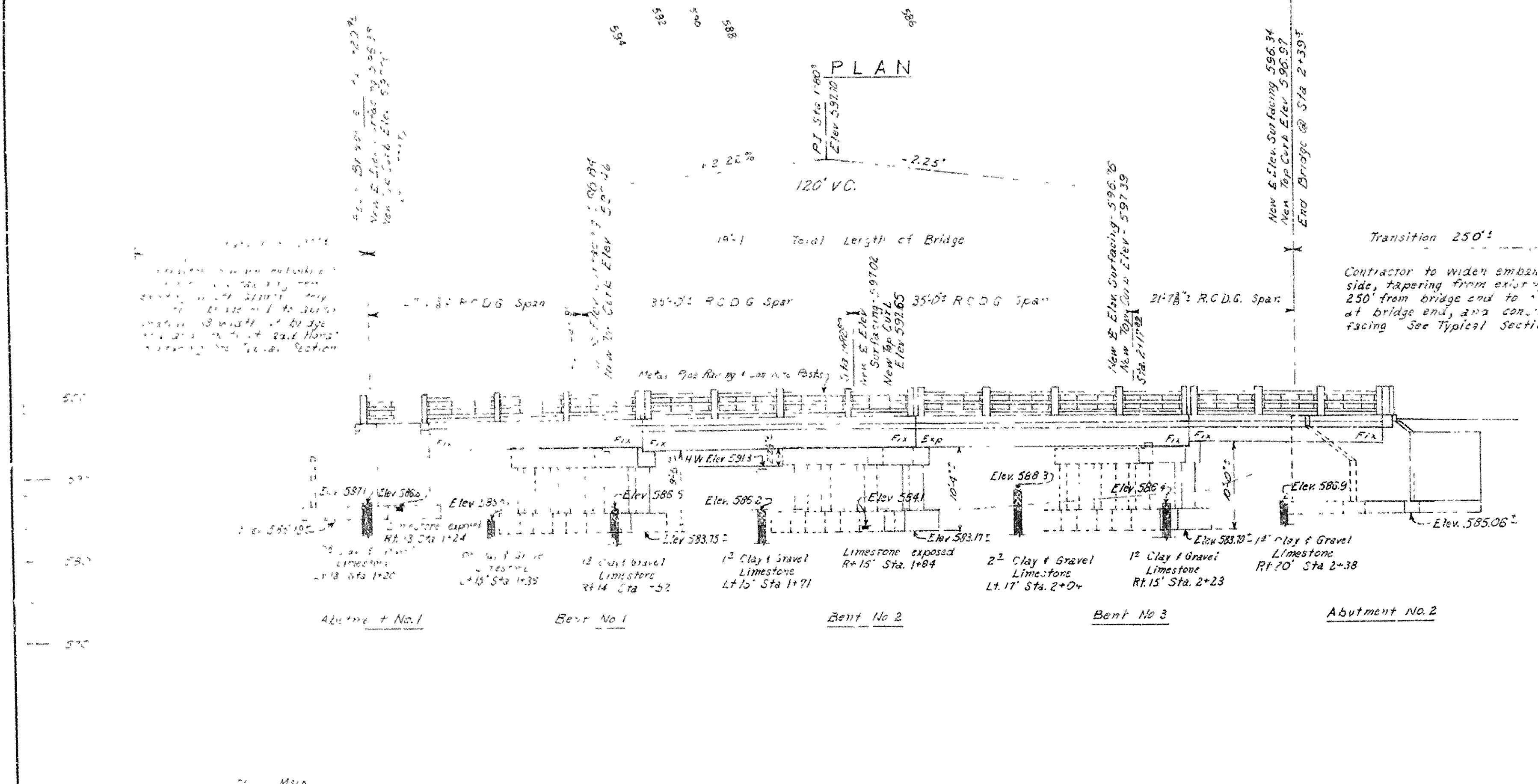
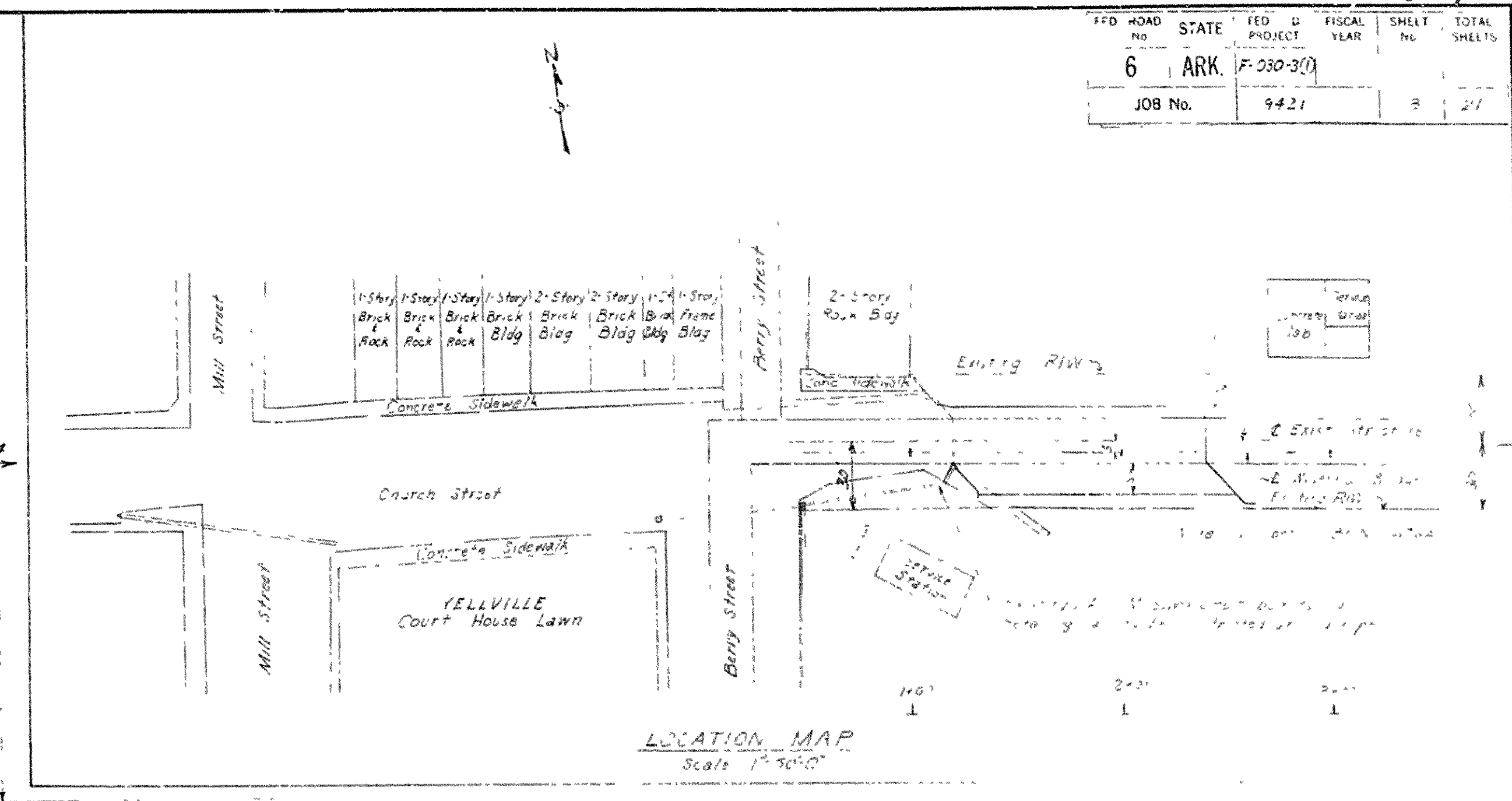
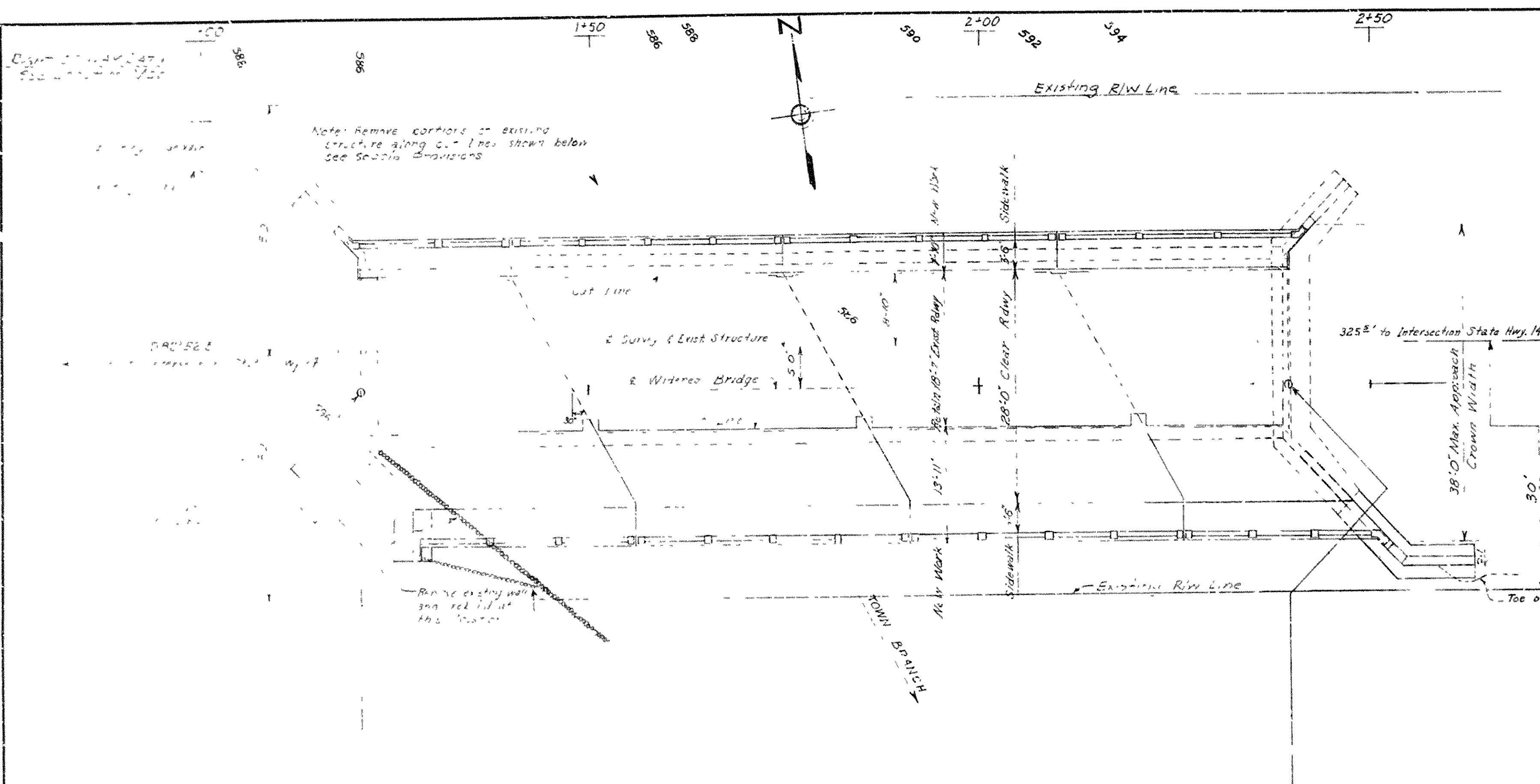
Drainage Area = 5 Sq. Mi.

For Details See Dwg. Nos. 182-767

LAYOUT OF  
BRIDGE OVER TOWN BRANCH  
IN YELLVILLE, MARION COUNTY  
ROUTE 12 SEC 10  
ARKANSAS STATE HIGHWAY DEPARTMENT  
LITTLE ROCK, ARK.  
Drawn By: C.A.D. Date: 2-14-28  
Traced By: W. Date: \_\_\_\_\_  
Checked By: \_\_\_\_\_ Date: \_\_\_\_\_  
Scale: 1 in. = 10 ft.  
BRIDGE NO. 676 DRAWING NO. 766

N.B. Gann  
BRIDGE ENGINEER

FED. ROAD NO.	STATE	FED. PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	ARK.	1-030-300		3	21
JOB No.		9421			



**GENERAL NOTE**

The contractor shall remodel the existing bridge and make the necessary repairs to the construction period. The Special Provisions shall be followed.

All dimensions and elevations relating to the existing structures are general only, and any adjustments which may be necessary to conform to existing construction shall be made by the contractor.

Rock excavation shall be made to the top of the rock, and the concrete shall be placed to and finished to the top of the rock. The concrete in footings shall be cured directly against the rock.

In general, all construction shall be in accordance with the plans and specifications and shall be provided with a slope of not less than 1:1 on the middle third of both dimensions.

All concrete shall be placed in the form of a continuous mass, unless otherwise noted.

Plans of the existing bridge will be furnished to the contractor.

For the purpose of widening the bridge, the contractor shall be required to remove the existing bridge and to construct a new bridge of the same width as the existing bridge.

**SPECIFICATIONS:** Arkansas State Highway Commission, Specifications for Highway Construction of 1959, and the latest amendments.

**DESIGN SPECIFICATIONS:** A.A.S.H.O. 947

Live Loading: HS-20

Wind Stresses: Class A Concrete (1200 psi), Class B Concrete (1000 psi), Reinforcing Steel

840 psi, 1200 psi, 10,000 psi

**LAYOUT OF BRIDGE OVER  
TOWN BRANCH  
BRIDGE WIDENING  
MARION COUNTY  
ROUTE 62 SEC. 9  
ARKANSAS STATE HIGHWAY COMMISSION  
LITTLE ROCK, ARK.**

DRAWN BY: L.K. DATE: 3-59  
TRACED BY: DATE: 4-59  
CHECKED BY: DATE: 4-59  
BRIDGE NO. 676A DRAWING NO. 7800

L. J. Carlson  
BRIDGE ENGINEER