

FED. DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	ARK.	25-112	1934	1	7

INDEX OF SHEETS

Sheet No. 1	Drawing No. 3674	Titic Sheet
" " 2	" " 3675	Layout of Bridge No. 1858
" " 3	" " 3676	" " " " 1859
" " 4	" " 3677	" " " " 1860
" " 5	" " 2158	Details of 25'0" Standard I-Beam Span
" " 6	" " 3712	" " Beam Spans Br. No. 1859
" " 7	" " 2386	" " Bridge Name Plates

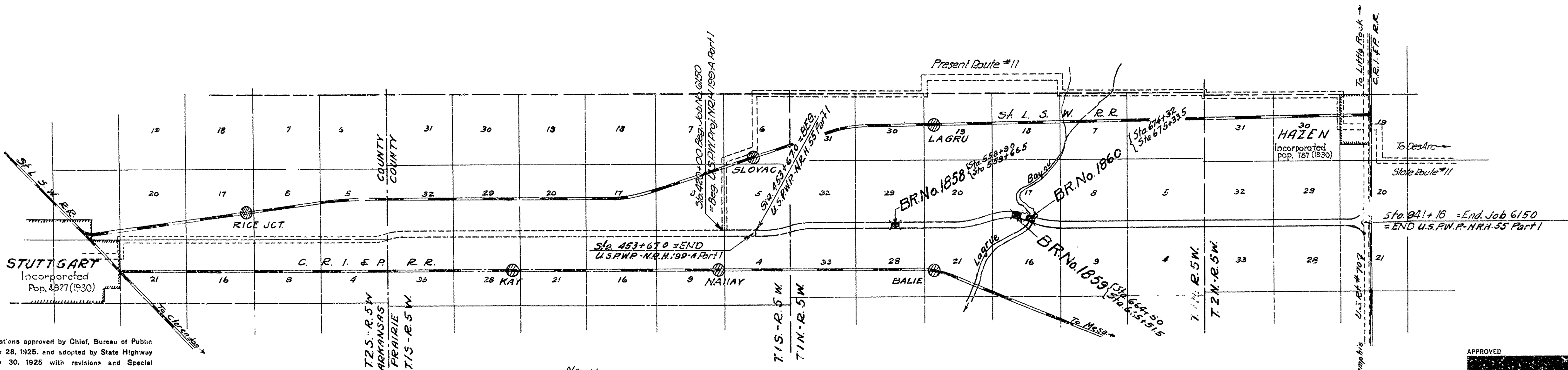
STATE OF ARKANSAS  
STATE HIGHWAY COMMISSION

PLAN OF PROPOSED BRIDGES  
HAZEN-ARK. COUNTY LINE ROAD  
PRAIRIE COUNTY  
ROUTE II SEC. 8  
JOB NO 6144  
FEDERAL AID PROJECT NO. NRH 55 PART 2

QUANTITIES

Item No.	91	Class "S" Concrete for Bridges	285.06	Cu. Yds.
" "	92	Reinforcing Steel for Bridges	54,416.	Lbs.
" "	93	Concrete Filing	1,638.	Lin. Ft.
" "	94	Concrete Railing for Bridges	584.	Lin. Ft.
" "	96	Structural Steel in Beam Spans	96,015	Lbs.
" "	SP	Bronze State Bridge Name Plates	6.	Each

Limits of Project: Ends of Bridges as shown below.



Specifications approved by Chief, Bureau of Public Roads, September 28, 1925, and adopted by State Highway Commission May 30, 1925 with revisions and Special Provisions as follows:

REVISIONS		
Pamphlet A	Revised Mar. 1st, 1931	Approved June 13, 1931
" L	Revised Feb. 10th, 1933	
" M	Revised Mar. 1st, 1931	Approved June 13, 1931
" N	Revised Oct. 1st, 1933	
" O	Revised Oct. 1st, 1933	
Labor (12 Sheets)		Approved Oct. 13, 1933

SPECIAL PROVISIONS		
Item	No. of Sheets	Date
Minimum Wage Scale	1	
Labor Preference	1	
Beginning & Prosecution of Work	2	1-12-34
Compliance with N.E.A. Codes Construction & Materials	1	
Bronze Project Marker Pls. & Bronze State Br. Name Pls.	1	8-10-33

Road and grading to be constructed under State Job No. 6150, U.S.P.W.P. Proj. No. NRH 55 Part 1

LAYOUT  
Scale: 1"=4000'

LENGTH OF PROJECT	=	279.5	Lin. Ft. = 0.052 Mi.
LENGTH OF BRIDGES	=	279.5	" " = 0.052 Mi.
LENGTH OF EMBANKMENT	=	0	
LENGTH OF JOB	=	279.5	" " = 0.052 Mi.

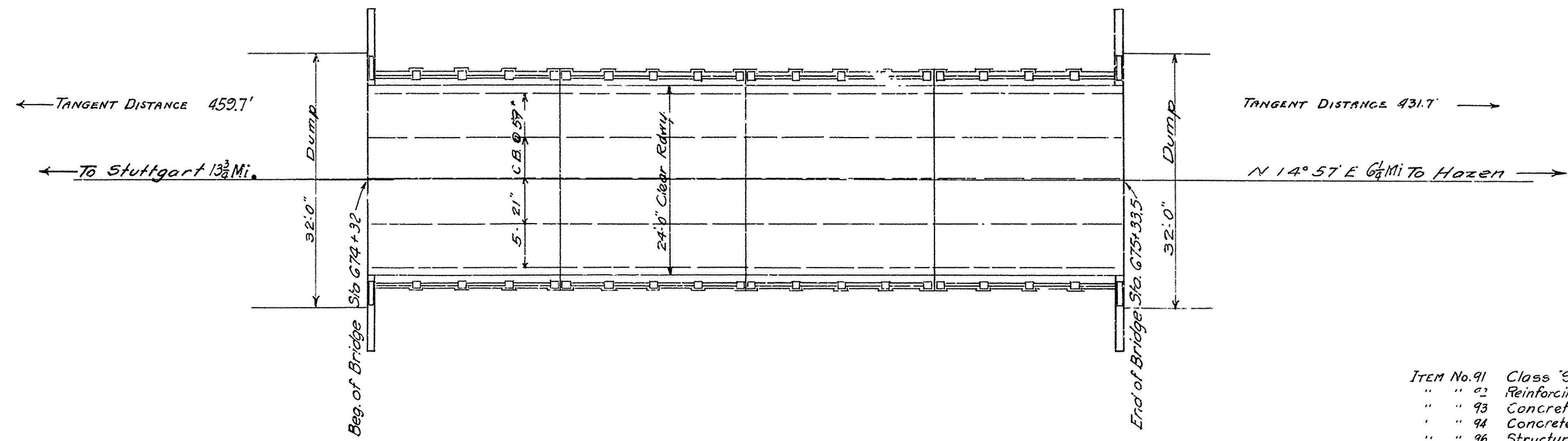
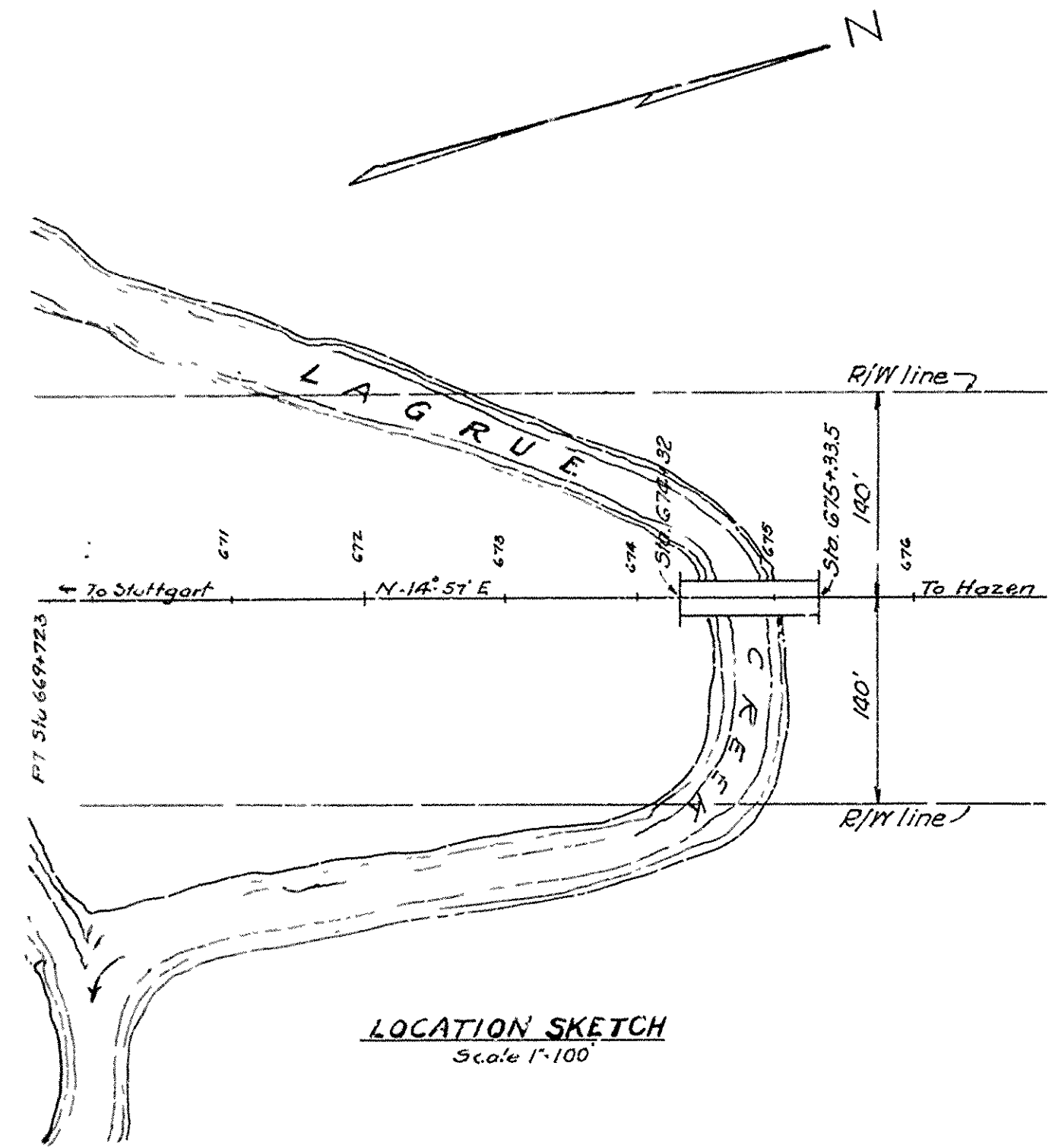
APPROVED	
CHIEF ENGINEER - U. S. BUREAU OF PUBLIC ROADS	
APPROVED	
DISTRICT ENGINEER - U. S. BUREAU OF PUBLIC ROADS	
APPROVED	
CHIEF - U. S. BUREAU OF PUBLIC ROADS	
APPROVED	
CHAIRMAN - STATE HIGHWAY COMMISSION	
APPROVED	
STATE HIGHWAY ENGINEER	

M.B. Larrow  
BRIDGE ENGINEER

BRIDGES No. 1858-1859-1860  
DRAWING NO. 3674

FISCAL YEAR	STATE	FEDERAL DISTRICT	PROJECT NO.	SHEET NO.	TOTAL SHEETS
1934	ARK.	6	NRM 55 P 2	4	7

State Job No. G144

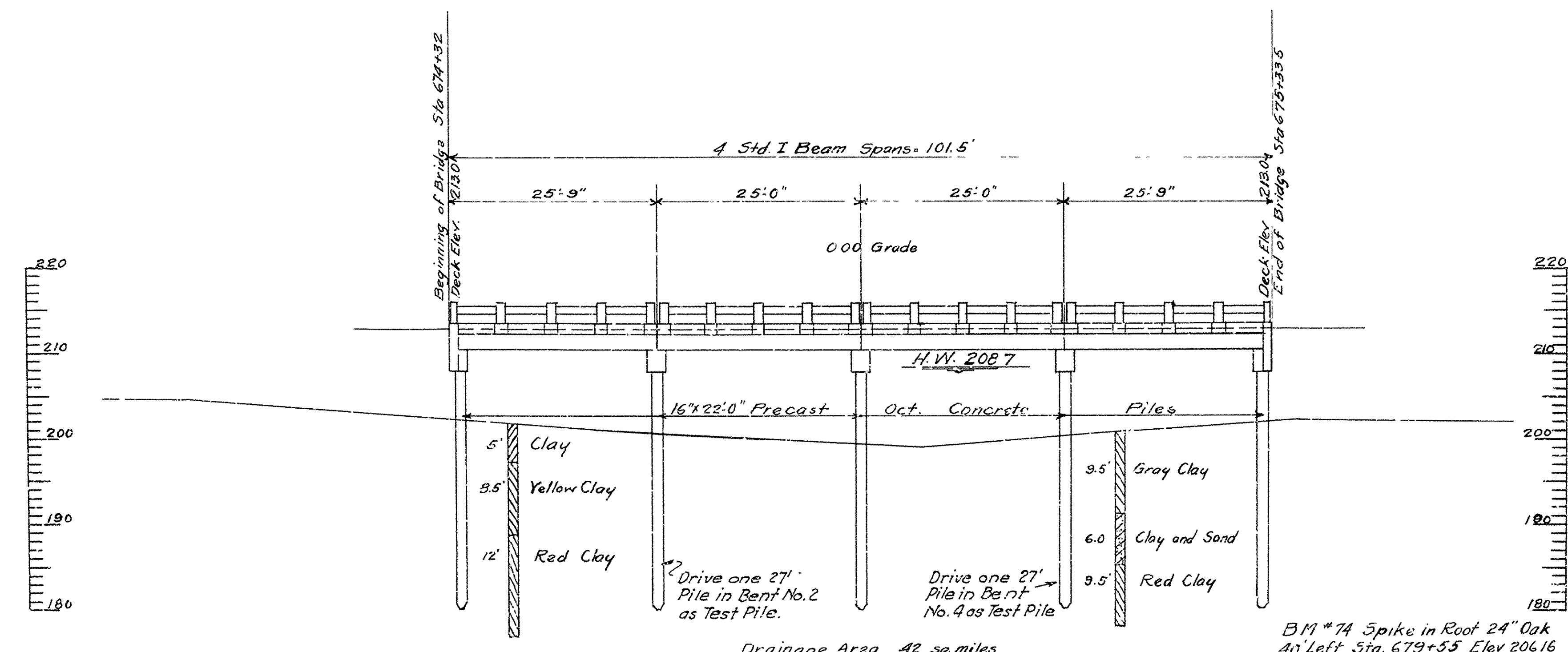


PLAN

QUANTITIES

ITEM No. 91	Class "S" Concrete for Bridges	39.50	Cu Yds
" " 92	Reinforcing Steel for Bridges	19,564	Lbs
" " 93	Concrete Piling	538	Lin. Ft.
" " 94	Concrete Railing for Bridges	211.33	Lin. Ft.
" " 96	Structural Steel in Beam Spans	34,948	Lbs.
" " SP	Bronze State Bridge Name Plates	2	Each

GENERAL NOTES: Lengths of piling shown were assumed for estimating quantities only. Actual lengths are to be determined in field. For details of Bridge No. 1860 See Dwg. No. 2158. Specifications: Arkansas Standard Road and Bridge Specifications Adopted May 30, 1925 and Revised.



ELEVATION

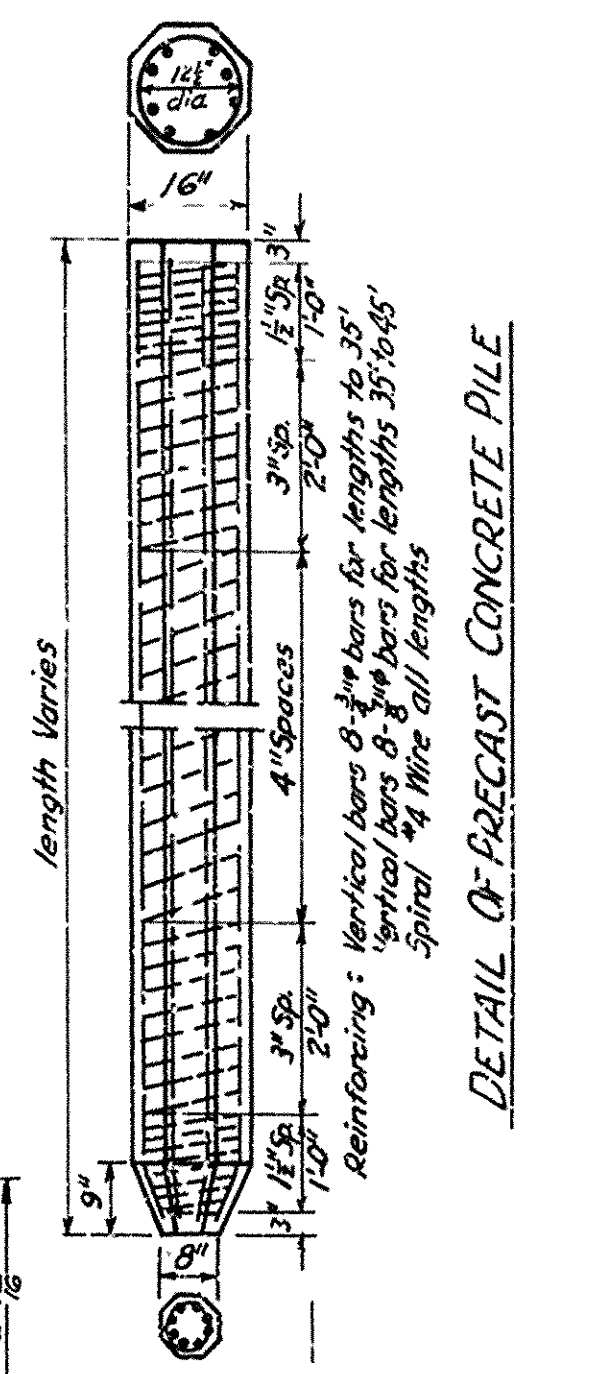
B.M. #73 Spike in Root 6" Oak  
90 Left Sta 671+45 Elev 205.65

B.M. #74 Spike in Root 24" Oak  
40 Left Sta. 679+55 Elev 206.16

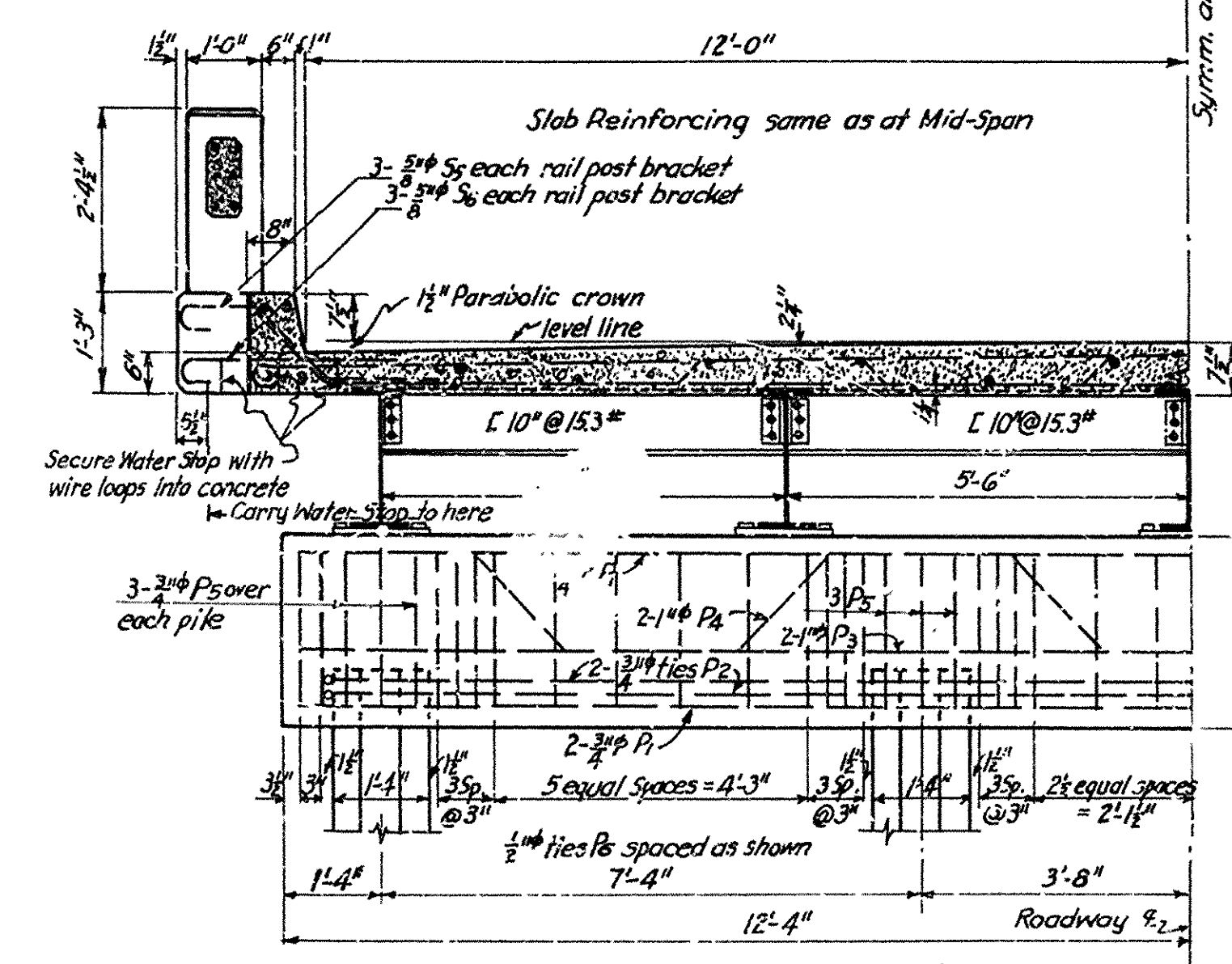
LAYOUT OF  
BRIDGE AT STA 674+32  
HAZEN-ARK. COUNTY LINE ROAD  
PRAIRIE COUNTY  
ROUTE 11 SEC. 8  
ARKANSAS STATE HIGHWAY COMMISSION  
LITTLE ROCK, ARK.  
Drawn By: E.G.L. Date: 2-12-34  
Traced By: E.G.L. Date: 2-16-34  
Checked By: \_\_\_\_\_ Date: \_\_\_\_\_  
Scale: 1 in = 10 ft.  
BRIDGE No. 1860 DRAWING No. 3677

N.B. Janner  
BRIDGE ENGINEER

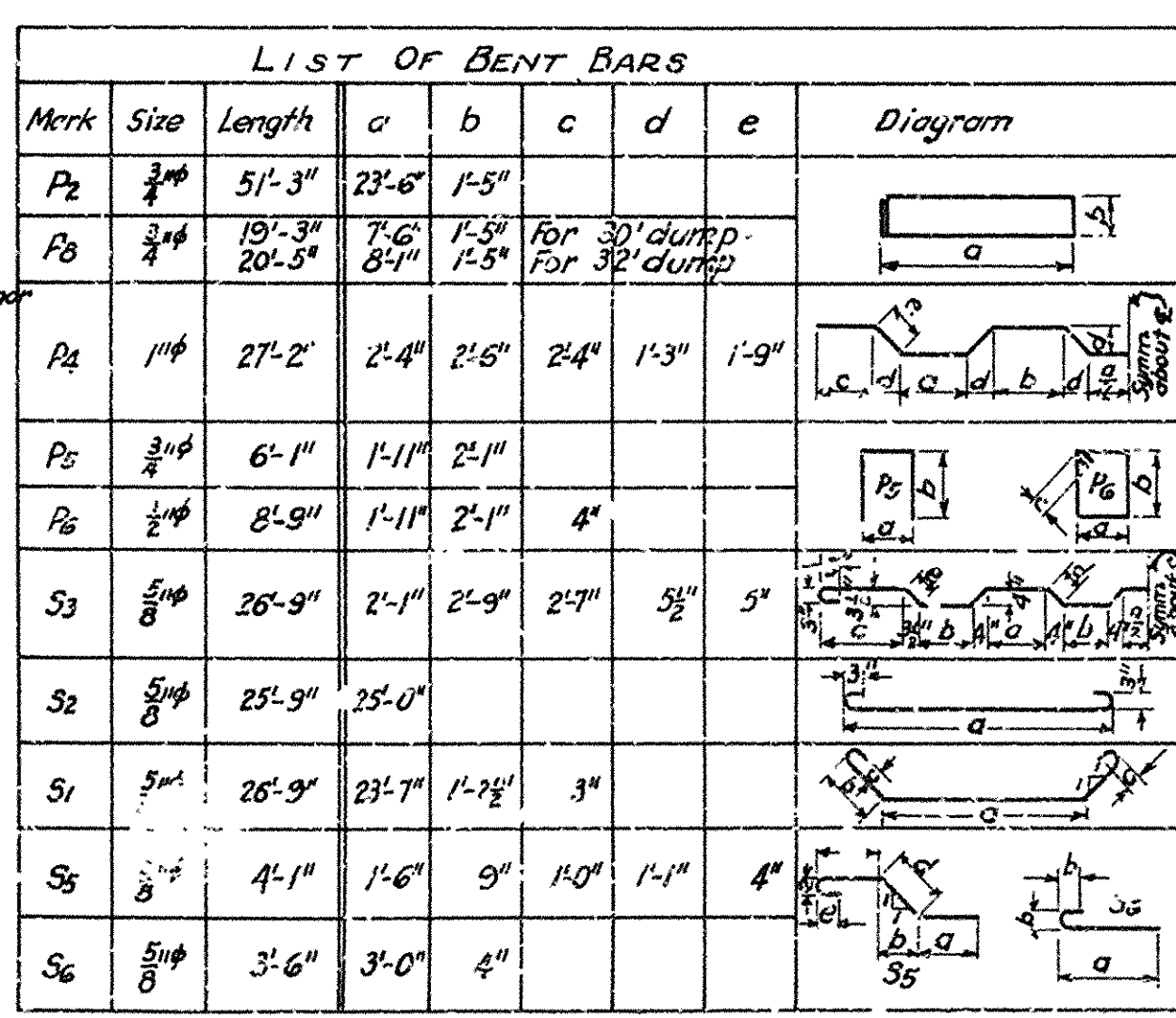




HALF SECTION AT MID-SPAN



HALF SECTION AT INT. BENT



HALF PLAN OF END BENT

DETAIL OF CAST IRON DRAIN  
Scale: 1" = 1'-0"

**GENERAL NOTES:**  
All concrete to be Class "S". All exposed corners to have  $\frac{3}{4}$ " chamfer unless otherwise shown.  
Shop list and bending diagrams of reinforcing steel must be submitted and approved before fabrication is begun.  
Roadway Drains - See floor slabs & Bituminous felt, its base paid for its full price for reinforcement. All members provided in Special Provisions.  
Volume occupied by Deck overhead plank is included in volume of Class "S" concrete.  
 $\frac{3}{4}$ " rivets,  $\frac{1}{2}$ " Open holes. Use  $\frac{3}{4}$ " bolts for Structural Steel field connections.  
Shop Paint: All Structural Steel shall be given one coat of Red lead and two linings all before shipment.  
Field Paint: 1<sup>st</sup> Coat White lead tinted with Lamp black.  
2<sup>nd</sup> Coat Aluminum paint.  
This drawing shows general features of design only. Shop drawings shall be made in compliance with specifications and be approved before fabrication is begun.  
Designs and details are based on American Institute of Bridge Specifications adopted May 30th, 1925 and Revised.

**DETAILS OF STANDARD  
25'-0" I BEAM SPAN  
CONCRETE DECK, CONCRETE PILE BENTS  
24'0 CLEAR ROADWAY**

ARKANSAS STATE HIGHWAY COMMISSION  
LITTLE ROCK, ARK.

Drawn By: MWK Date: 3-2-54  
Traced By: MWK Date: 3-2-54  
Checked By: \_\_\_\_\_ Date: \_\_\_\_\_

Scale:  $\left\{ \begin{array}{l} \frac{1}{2} \text{ in.} = 1 \text{ ft.} \\ \text{Unless Noted} \end{array} \right.$

BRIDGE NO. \_\_\_\_\_ DRAWING NO. 2158

Revised 6-20-34  
C. Straits by J.W.B.

*N. B. Garver*  
BRIDGE ENGINEER