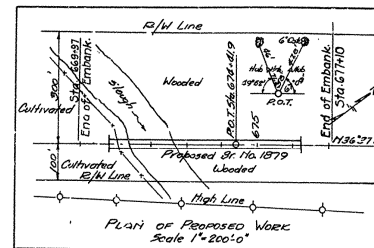


From Sta	To Sta	R/L of E	Lt of E	Total Width
668+00	760+00	100'	31'	400'

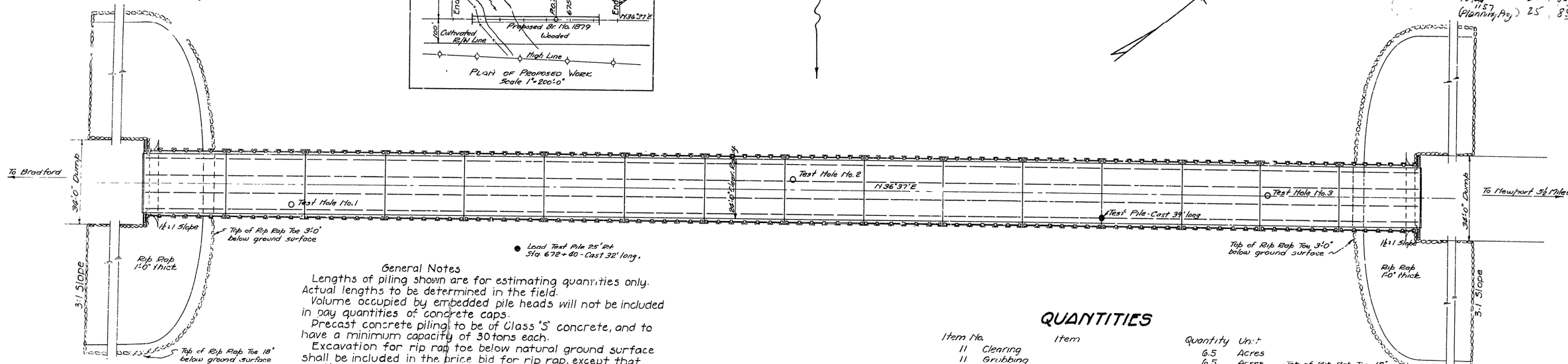
Tangent Distance Data
From beginning of Bridge 198.9'
From end of Bridge over 500'



Proj. No.	State	U.S. W.P.H. Project No.	Fiscal Year	Sheet No.	Total Sheets
6	ARK.	W.H. 197-6	1935	3	10

State Job No. 1159

N.A.M. 1235 25' 85"
1237 25' 85"
(Planning, P.S.)



General Notes
Lengths of piling shown are for estimating quantities only. Actual lengths to be determined in the field.
Volume occupied by embedded pile heads will not be included in pay quantities of concrete caps.
Precast concrete piling to be of Glass "S" concrete, and to have a minimum capacity of 30 tons each.
Excavation for rip rap toe below natural ground surface shall be included in the price bid for rip rap, except that portion of the trench in excess of that required for 18" depth of toe, which portion shall be paid for as Dry Excavation for Structures.
Bridge contractor to construct embankment at bridge ends. Material for embankment to be obtained from side borrow as directed by the engineer.
For Details of 34'-0" R.C.D. Girder Spans, see Drwg No. 2330
For Details of Batter Pile End Bents, see Drwg No. 2330-A.

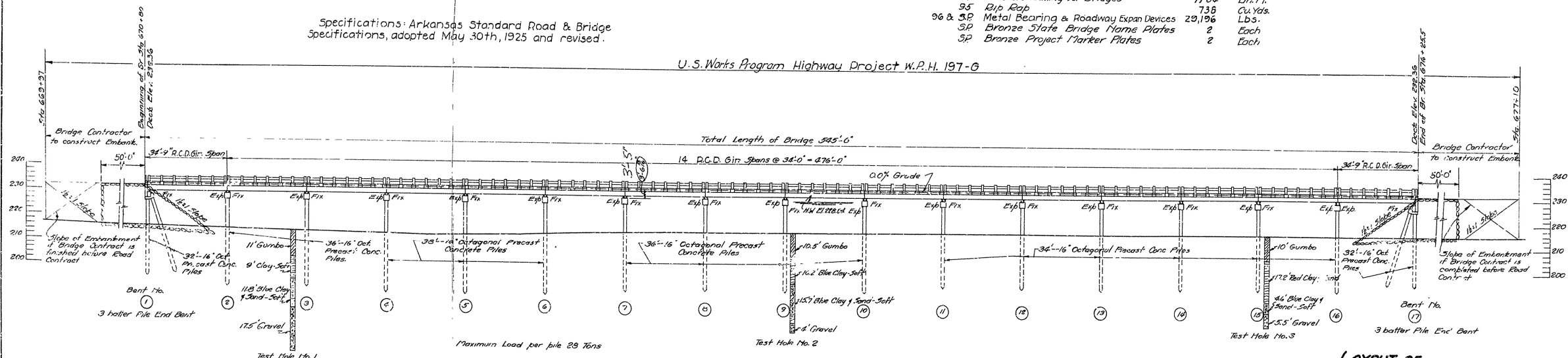
Specifications: Arkansas Standard Road & Bridge Specifications, adopted May 30th, 1925 and revised.

PLAN of BRIDGE No. 1879

QUANTITIES

Item No.	Item	Quantity	Unit
11	Clearing	6.5	Acres
11	Grubbing	6.5	Acres
12	Common Excavation	7,940	Cu. Yds.
13	Dry Excavation for Structures	98	Cu. Yds.
54	Class "A" Concrete (Project Markers)	126	Cu. Yds.
55	Reinforcing Steel (Project Markers)	30	Lbs.
91	Class "S" Concrete for Bridges	6,90.8	Cu. Yds.
92	Reinforcing Steel for Bridges	160,047	Lbs.
93	Concrete Piling	3,155	Lin. Ft.
93	Loading Test Piles	One	Each
94	Concrete Railing for Bridges	1104	Lin. Ft.
95	Rip Rap	738	Cu. Yds.
96 & 3P	Metal Bearing & Roadway Expan. Devices	29,196	Lbs.
5P	Bronze State Bridge Name Plates	2	Each
5P	Bronze Project Marker Plates	2	Each

U.S. Works Program Highway Project W.P.H. 197-6



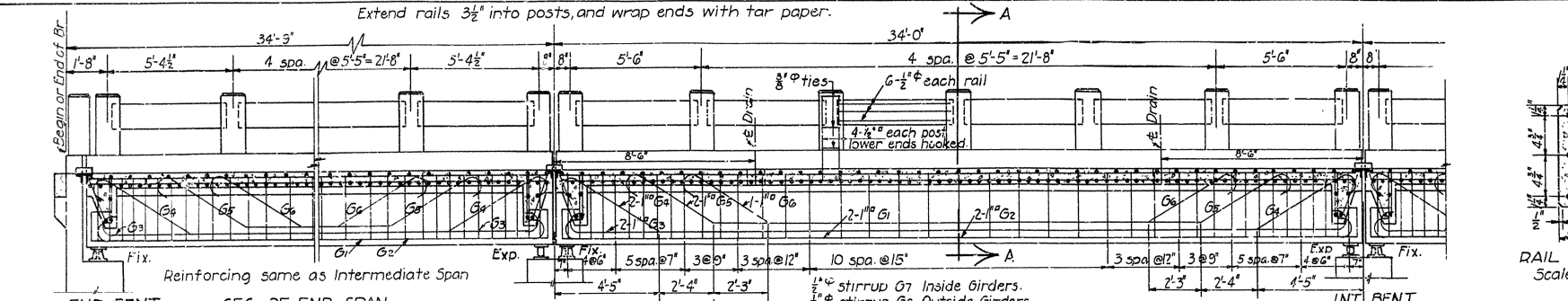
ELEVATION of BRIDGE No. 1879

LAYOUT OF
WHITE RIVER VALLEY RELIEF BRIDGE No. 1879
BRADFORD-NEWPORT ROAD
JACKSON CO.
ROUTE 67 SECTION 16
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK-ARK.

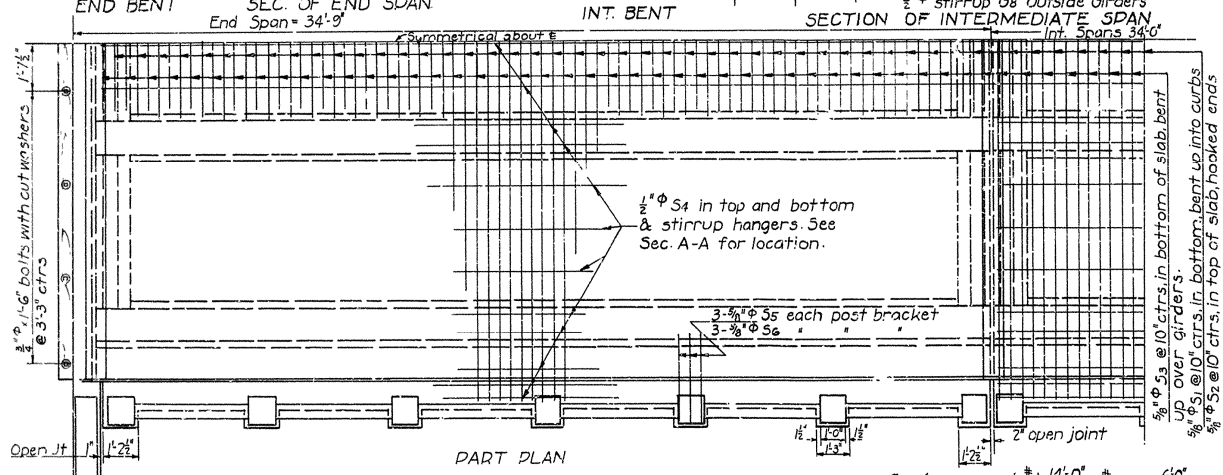
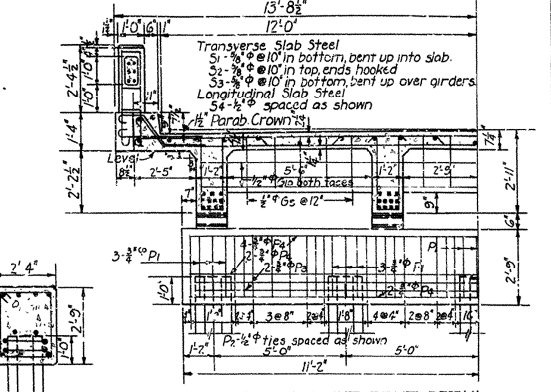
Drawn by H.B. Date 8-23-35
Traced by J.D. 5-8-35
Checked by
Bridge No. 1879

Scale 1"=20'-0"

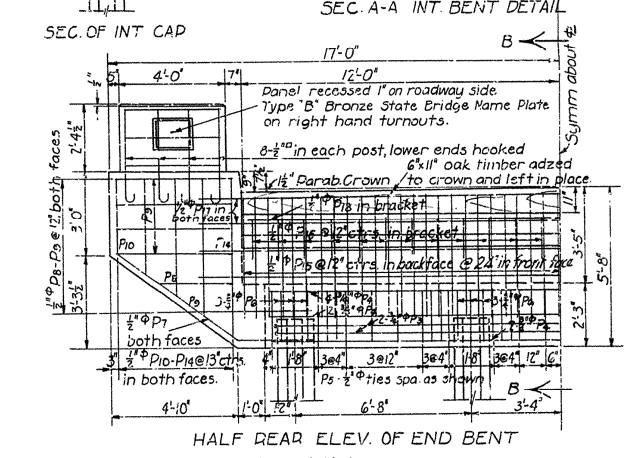
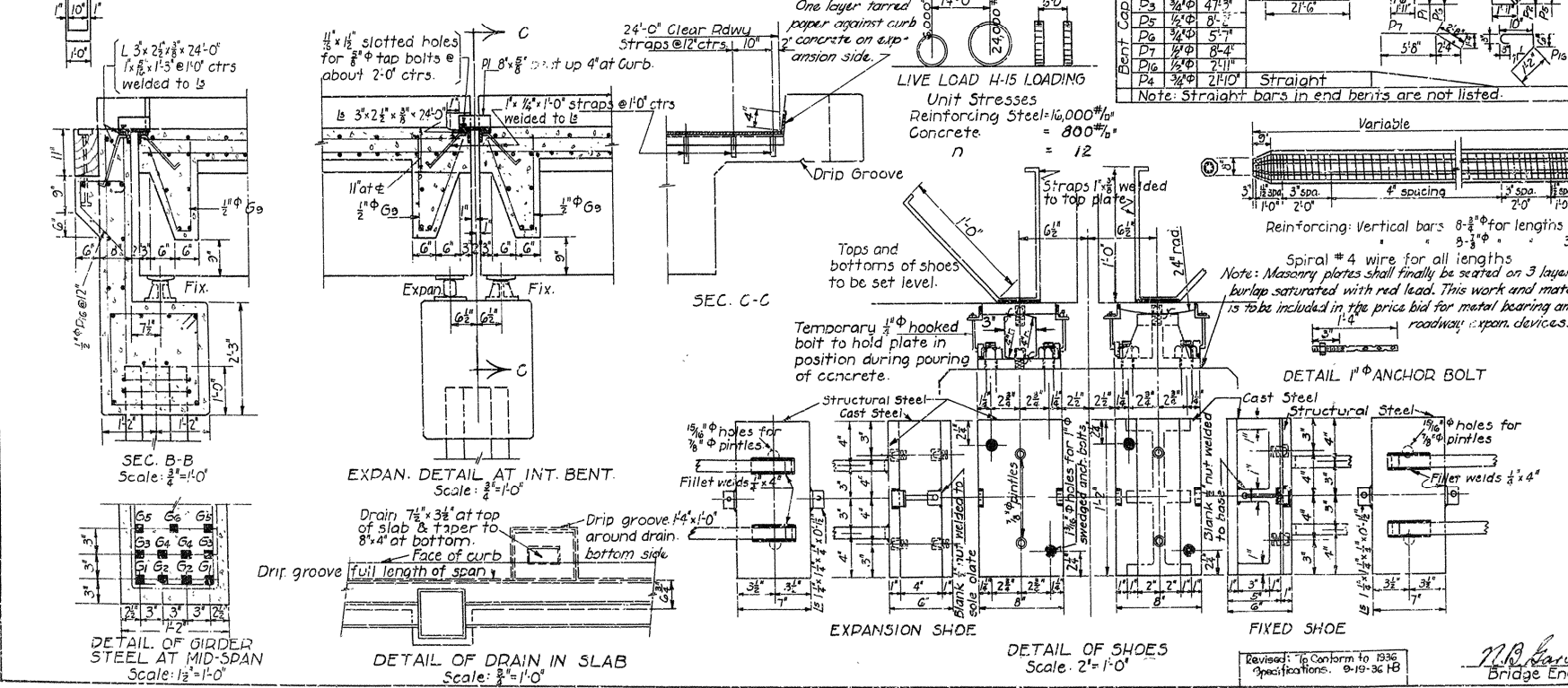
Dwg. No. 3993



RAIL SECTION Scale: 1/2"=1'-0"



BAR LIST		
Mark	Size	Length
S1	5/8"	27'-5"
S2	do	26'-4"
S3	do	27'-1"
S4	do	4'-1"
S5	3/8"	3'-6"
S6	1/2"	33'-4"
G1	1"	37'-2"
G2	do	35'-0"
G3	do	34'-8"
G4	do	36'-0"
G5	do	30'-4"
G6	1"	25'-10"
G7	1/2"	6'-7"
G8	do	6'-5"
G9	do	3'-10"
G10	1/4"	20'-9"
P1	3/4"	8'-7"
P2	1/2"	9'-2"
P3	3/4"	47'-3"
P4	1/2"	8'-1"
P5	3/4"	5'-7"
P6	1/2"	8'-4"
P7	1/2"	21'-11"
P8	1/2"	21'-0"



General Notes
All exposed corners to have 1/4" chamfers unless otherwise noted.
All concrete to be Class 'S'.
Reinforcing steel to be deformed bars of structural or intermediate grade. Shop lists and bending diagrams must be submitted by the Contractor and approval secured before fabrication is begun.
Oak headers to be included in volume of Class 'S' Concrete.
Oak header bolts to be paid for at the unit price bid for reinforcing steel.
Expansion devices and shoes are to be paid for at the unit price bid for metal bearing & roadway expansion devices, unless field paint: All exposed parts of structural steel shall be given one priming coat of red lead and raw linseed oil. First top coat shall be white lead tinted with lamp black. Second top coat shall be aluminum paint.
Concrete piling to be Class 'S', and to have a minimum capacity of 30 tons each.
Specifications: Arkansas State Highway Commission, Standard Specifications for Road and Bridge Construction, adopted June 30, 1936.

DETAILS OF STANDARD 34'-0" R.C. DECK GIRDER AND CONCRETE PILE BENTS 4 GIRDER TYPE, 4-5 PILE BENTS 24'-0" CLEAR ROADWAY
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.
Drawn by: W.C.H. Date: 7-26-35
Traced by: A Date: 8-13-35 Scale: 3/8"=1'-0" (except as noted)
Checked by: Date: _____
BRIDGE NO. 10341-1 DRWG NO. 2330
W.B. Farmer Bridge Engineer