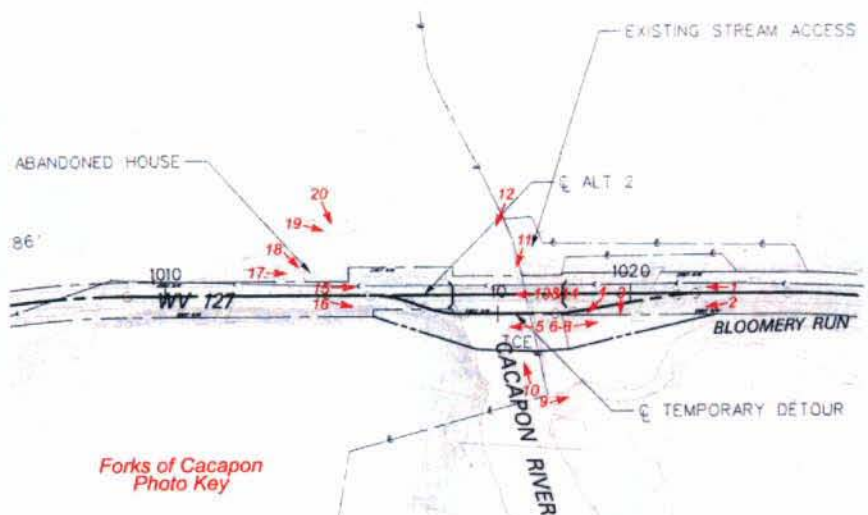
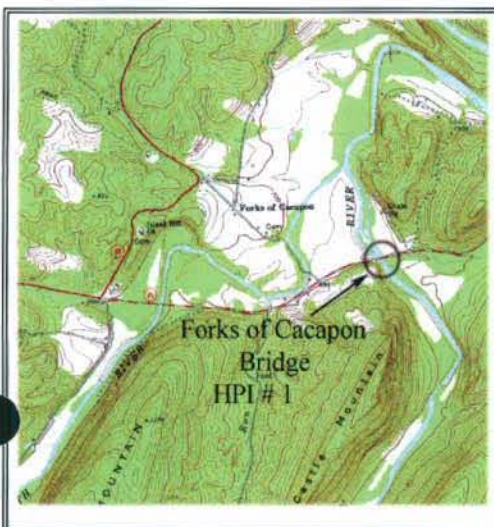


Internal Rating: _____



WEST VIRGINIA HISTORIC PROPERTY INVENTORY FORM

Street Address Located in Hampshire County along WV 127 at M.P. 1.40	Common/Historic Name/Both ☐ ☐ ☒ Forks of Cacapon Bridge Structure #10	Field Survey # HPI #1	Site # (SHPO Only) HM-0795
Town or Community Forks of Cacapon, WV	County Hampshire County	Negative No.	NR Listed Date
Architect/Builder E.R. Mills	Date of Construction 1937	Style (SHPO Only)	
Exterior Siding / Materials Construction material: concrete and steel	Roofing Material Deck material: Concrete	Foundation Abutments: concrete Piers: concrete	
Property Use or Function Transportation	UTM Zone 17 NAD 1981 Easting 712,989 Northing 4,337,083		
Survey Organization & Date WVDOH September 1, 2005	Quadrangle Name Largent		
	Part of What Survey / FR# Forks of Cacapon Bridge, State Project Number S314-127-1.40 00 Federal Project Number BR- 0127(006)E (FR 06-138+1m)		



Name: Forks of Cacapon Bridge

Survey #: HPI #1

Survey / FR#: Forks of Cacapon Bridge Replacement: S314-127-1.40 00/BR-0127(006)E

Present Owners WVDOT	Owners Mailing Address Capitol Complex, Charleston, WV	
Describe Setting The bridge is located in a very rural area and spans the Cacapon River. The bridge carries WV 127 over the Cacapon River, approximately 1 ½ miles east of the WV 127 and County Route 29 intersection. There is an abandoned house (structure #18) and a wood frame storage building (structure #19) near the job site.		Unknown -- <1 Acres ☐ Archaeological Artifacts Present
Description of Buildings or Site (Original and Present) See Continuation Sheet		Stories Front Bays
Alterations ☒ Yes ☐ No If yes, describe New flexbeam approach rails were installed in April of 1985.		
Additions ☐ Yes ☒ No If yes, describe		
Describe All Outbuildings N/A		
Statement of Significance: See Continuation Sheet		
Bibliographical References WVDOH Bridge Files, Maintenance Division, October 1994 & 2004. WVSHPO, Historic Property Inventory Form, Cultural Center, Charleston, WV, Jan. 1990 WVSHPO, HAER Inventory, Charleston, WV, Jan. 1976		
Form Prepared By: Name/Organization: Sondra Mullins Address: WV Division of Highways Capitol Complex Building 5, Rm. 463 Charleston, WV 25305 Phone #: 558-9487		Date: September 2, 2005

WEST VIRGINIA HISTORIC PROPERTY FORM

CONTINUATION SHEET

Name: Forks of Cacapon Bridge

Survey Number:

Project / FR#: Forks of Cacapon Bridge Replacement, S314-127-1.40 00/BR-0127(006)E

DESCRIPTION:

The existing bridge was built in 1937 and consists of a three span steel beam bridge spanning the Cacapon River. The builder was E. R. Mills from Charleston, West Virginia. The structure consists of two concrete abutments and two concrete piers. The bridge carries a 27' wide out to out cast in place reinforced concrete deck with an additional hot laid bituminous concrete (HLBC) wearing surface. Both approaches consists of 25' high shale fills extending some 300' in both directions. There are 4'4" wide additional gravel stabilized shoulders along each edge bringing the total approach roadway width to 31'. There are galvanized flexbeam rails and posts along each approach with wooden impact blocks in between. They overlap the concrete bridge parapets with adequate attachment. They terminate by flaring back with cable ties and treatments. The structure is 238'8" long and is 25' wide measuring from the insides of the railings. There are reinforced concrete open gothic parapets along each side. The travelway across the bridge has no sidewalks or shoulders. The curbs are reinforced concrete with the usable roadway width between them measuring 23'10-1/2" wide. It is approximately 20' from the bottom of the steel to the Cacapon River normal pool elevation. The bridge is located on a long tangent section of roadway with the nearest horizontal curve ending some 200' before abutment #1. The bridge is nearly level with a negative grade of 0.25%. There is no skew. There are no nearby intersections but a sportsman's access road and a concrete boat ramp begins 200' on the left from abutment #2 continuing back along the approach fill to the river. The Department of Natural Resources constructed the boat ramp in 2002-2003.

STATEMENT OF SIGNIFIGANCE: The Forks of Cacapon Bridge is eligible for the National Register of Historic Places under Criterion C for master bridge builder, E.R. Mills.

STATE LEVEL HISTORIC DOCUMENTATION

FORKS OF CACAPON BRIDGE

Location: West Virginia Route 127, over Cacapon River
Forks of Cacapon
Hampshire County
West Virginia

USGS Largent Quadrangle

Date of Construction: 1937

Builder: E.R. Mills

Present Owner: West Virginia Department of Transportation
Division of Highways
1900 Kanawha Boulevard, Building 5, Room A-110
Charleston, WV 25305

Present Use: Transportation

Significance: The Forks of Cacapon Bridge is significant due to its association with a well known bridge builder.

Project Information: The project has been undertaken due to the poor condition of the structure. Any future deterioration of the bridge would result in its closure, the existing bridge warrants replacement. The documentation was undertaken in December 2006 in accordance with a Memorandum of Agreement among the West Virginia Department of Transportation, Federal Highway Administration and West Virginia State Historic Preservation Office. These measures are required prior to replacement of this National Register eligible structure.

Sondra L. Mullins, Historian
West Virginia Division of Highways
Charleston, WV 25305
January 2008

The Forks of Cacapon Bridge was built in 1937 by E.R. Mills of Charleston, WV. E.R. Mills began its operation in Kentucky and opened offices in Charleston in 1929. They continued to build bridges in West Virginia throughout the 1920's and 1930's. By 1941, the company was not awarded any new bridge contracts. After that the company seems to go out of business, they were no longer in the industrial directories put out by the WV Department of Labor.

The Forks of Cacapon Bridge consists of a three span steel beam bridge spanning the Cacapon River. The structure consists of two concrete abutments and two concrete piers. The bridge carries a 27' wide out to out cast in place reinforced concrete deck with an additional hot laid bituminous concrete (HLBC) wearing surface. Both approaches consists of 25' high shale fills extending some 300' in both directions. There are 4'4" wide additional gravel stabilized shoulders along each edge bringing the total approach roadway width to 31'. There are galvanized flexbeam rails and posts along each approach with wooden impact blocks in between. They overlap the concrete bridge parapets with adequate attachment. They terminate by flaring back with cable ties and treatments. The structure is 238'8" long and is 25' wide measuring from the insides of the railings. There are reinforced concrete open gothic parapets along each side. The travel way across the bridge has no sidewalks or shoulders. The curbs are reinforced concrete with the usable roadway width between them measuring 23'10-1/2" wide. It is approximately 20' from the bottom of the steel to the Cacapon River normal pool elevation. The bridge is located on a long tangent section of roadway with the nearest horizontal curve ending some 200' before abutment #1. The bridge is nearly level with a negative grade of 0.25%. There is no skew. There are no nearby intersections but a sportsman's access road and a concrete boat ramp begins 200' on the left from abutment #2 continuing back along the approach fill to the river. The Department of Natural Resources constructed the boat ramp in 2002-2003.

BIBLIOGRAPHY

Annual Report of the State Road Commission: For the Fiscal Year Ending June 30, 1941.

Division of Public Relations, Charleston, WV, 1941.

Kell, Michael. West Virginia Bridge Builders History. Unpublished, No date.

United States Geological Survey. 1985. Largent 7.5 Topographic Quadrangle.

West Virginia Division of Culture and History. 2005 Hampshire County History. Historic Preservation Unit, WV Division of Culture and History, Charleston, W.V.

West Virginia Division of Highways, Bridge Files, Maintenance Division, Building 5, Capitol Complex, Charleston, West Virginia, June 2004.

West Virginia Division of Highways, Historic Property Inventory Form, Engineering Division, Building 5, Capitol Complex, Charleston, West Virginia, September 1, 2005.

STATE LEVEL HISTORIC DOCUMENTATION

INDEX TO PHOTOGRAPHS

Forks of Cacapon Bridge
West Virginia State Route 127
Cacapon River
Forks of Cacapon
Hampshire County, West Virginia

Photographer: Sondra Mullins

June 2006

FORKS OF CACAPON-1	End View of structure looking East
FORKS OF CACAPON-2	Elevation View (Westside) looking downstream
FORKS OF CACAPON-3	View from Upstream side of bridge looking East
FORKS OF CACAPON-4	Elevation View looking downstream
FORKS OF CACAPON-5	Northside of Bridge looking downstream from Boat Ramp
FORKS OF CACAPON-6	Concrete Parapet Wall
FORKS OF CACAPON-7	Bridge Builder Plate on Abutment #2 downstream side
FORKS OF CACAPON-8	Bridge plaque on Abutment #1 upstream side
FORKS OF CACAPON-9	Photographic copy of original drawing (From of West Virginia Division of Highways Bridge Files, Charleston, West Virginia) Original plans for superstructure and substructure. Photographic copy of original drawing (From collection of West Virginia Division of Highways Bridge Files, Charleston, West Virginia) Original plans for piers and abutments.

WEST VIRGINIA DIVISION OF HIGHWAYS

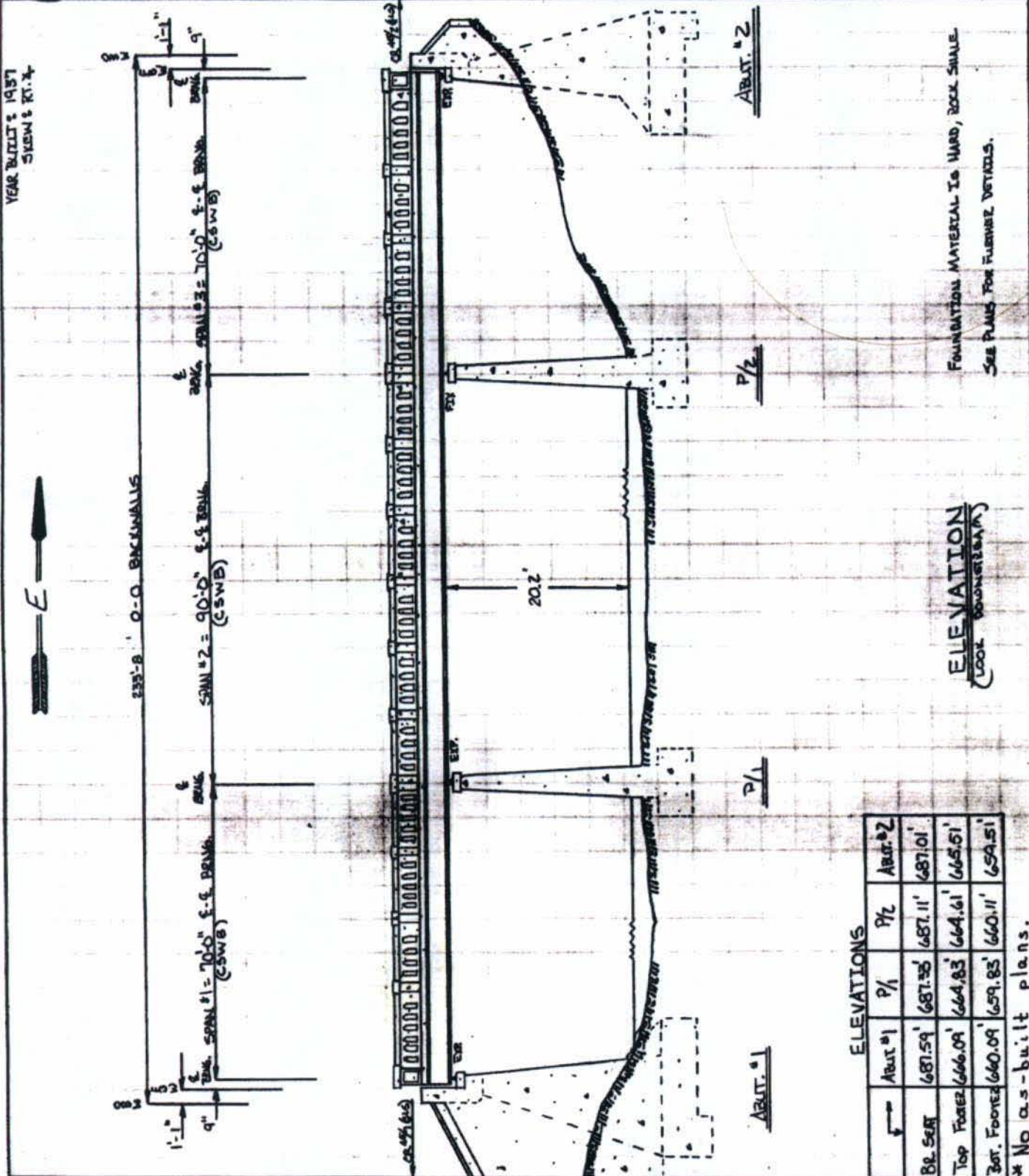
Form DS-27

1-1-90

STRUCTURES DIVISION

GENERAL SKETCH SHEET

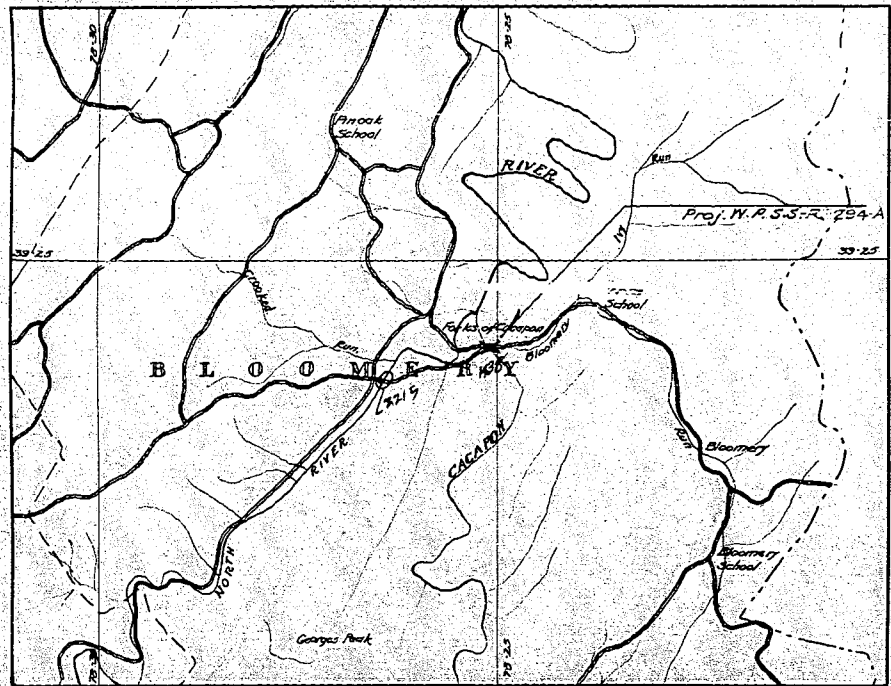
By: ML Date: 10-18-94 Ckd By: L.W.M. Date: 10/19/94 Bridge No.: 14-127-1.42 (43B) Sheet 15 of 20



Rev Date:	Rev Date:	Rev Date:	Rev Date:	Rev Date:	Rev Date:
By:	By:	By:	By:	By:	By:

ELEVATIONS				
	ABUT. #1	P/1	P/2	ABUT. #2
BL. SURF	687.59'	687.95'	687.11'	687.01'
TOP FLOOR	666.09'	664.83'	664.61'	665.51'
3RD. FLOOR	660.09'	659.83'	660.11'	659.51'

* No as-built plans.



SCALE 8250' - TRACED FROM U.S.G.S. HANGING ROCK-CAPON BRIDGE QUADRANGLE

THE STATE ROAD OF WEST VIRGINIA

PLAN AND PROFILE

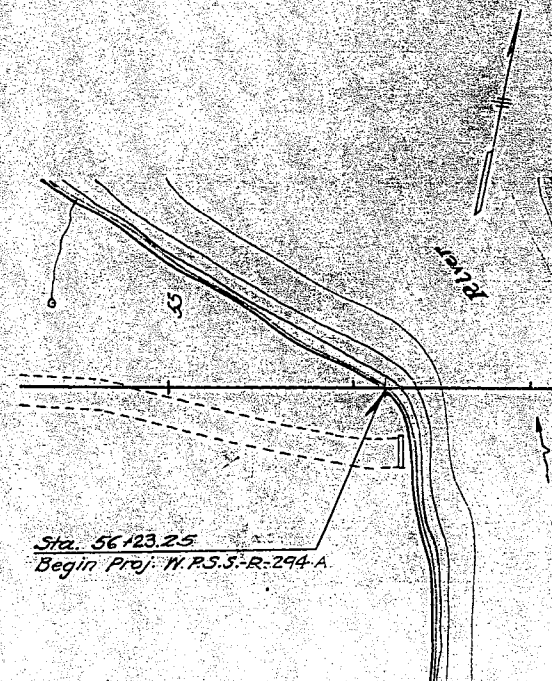
STATE

PROJECT NO. W.P.S.S.-R-294-A

BLOOMERY DISTRICT

FORKS OF CACAPON

Sta. 56+23.25
Length = 0.6
Plan 1 IN. = 100 FT.
SCALES
PROFILE HOR. 1 IN. = 100 FT.



W. VA. ROUTE 45

PROJECT NO. WPSS-R-294-A

PREPARED & RECOMMENDED

E. C. Madden
ENGINEER OF PLANS & SURVEYS - STATE ROAD COMMISSION

REVIEWED

DISTRICT ENGINEER - STATE ROAD COMMISSION

RECOMMENDED FOR APPROVAL

Matthew H. Smith
CHIEF ENGINEER - STATE ROAD COMMISSION

APPROVED

Samuel H. Sharp, Jr.
STATE ROAD COMMISSIONER

APPROVED BY OFFICIAL ORDER OF THE STATE ROAD COMMISSION OF WEST VIRGINIA. ENTERED DAY OF 193

SECRETARY

LAYOUT
SCALE 1 IN. = 550 FT.

CONVENTIONAL SYMBOLS

- State Line
- County Line
- Corporation Line
- District Line
- Right of Way Line
- Property Line
- Fence Line
- Guard Rail
- Proposed Road
- Travelled Road
- Railroad
- Electric Railway
- Frame Dwelling

STATE COMMISSION WEST VIRGINIA

FOR CONSTRUCTION

ROAD

WESS-R-294 A

W.VA. ROUTE 45

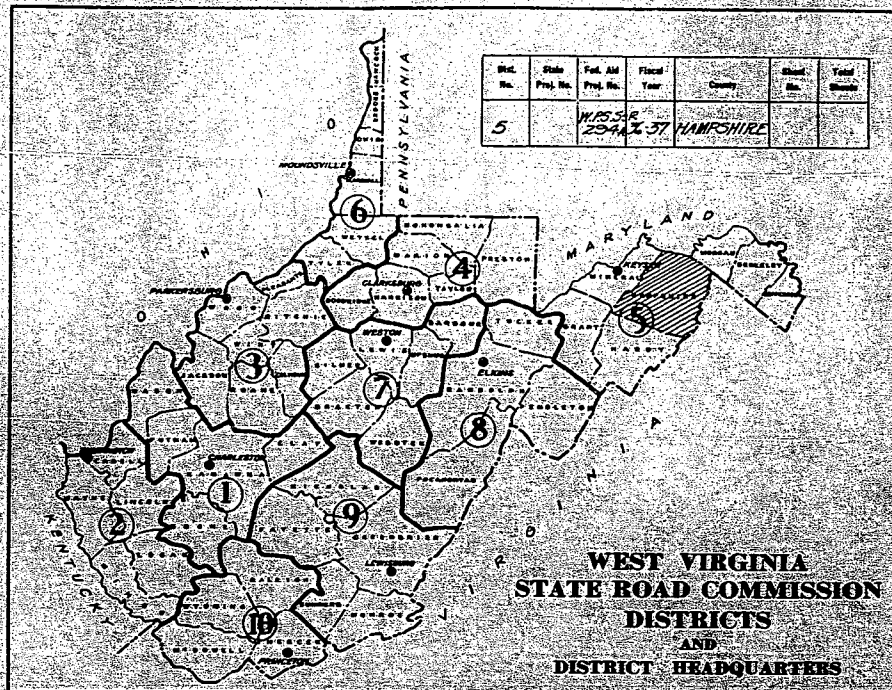
HAMPSHIRE COUNTY

UPON BRIDGE

Sta. 58+56.75

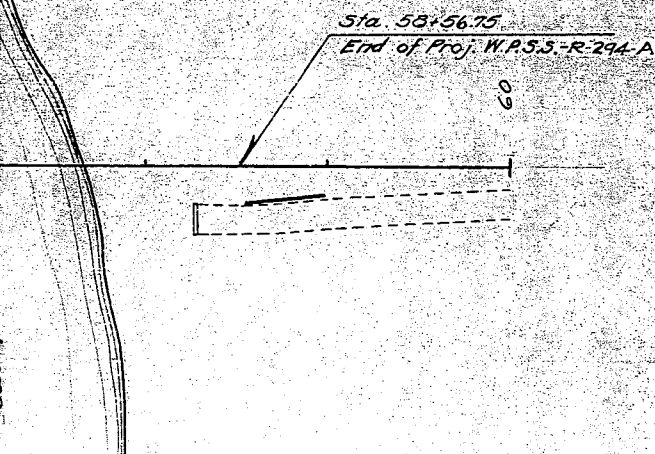
4.4 MI.

VERT. 1 IN. =



TYPE OF CONSTRUCTION

BRIDGE



GENS

all
marsh
edge
up Inlet
edge
ment Culvert
posed
ograph Pole
alley Pole
over Pole
e
ick Dwelling

INDEX TO SHEETS

No.	Description
	Title Sheet
1 to 6	Bridge Plans
1438 A	Bridge Situation Plan

PLANS COMPLETED August 1936

RECOMMENDED FOR APPROVAL

DEPT. ENGINEER - OFFICE OF PUBLIC WORKS AND ROAD BLDG.

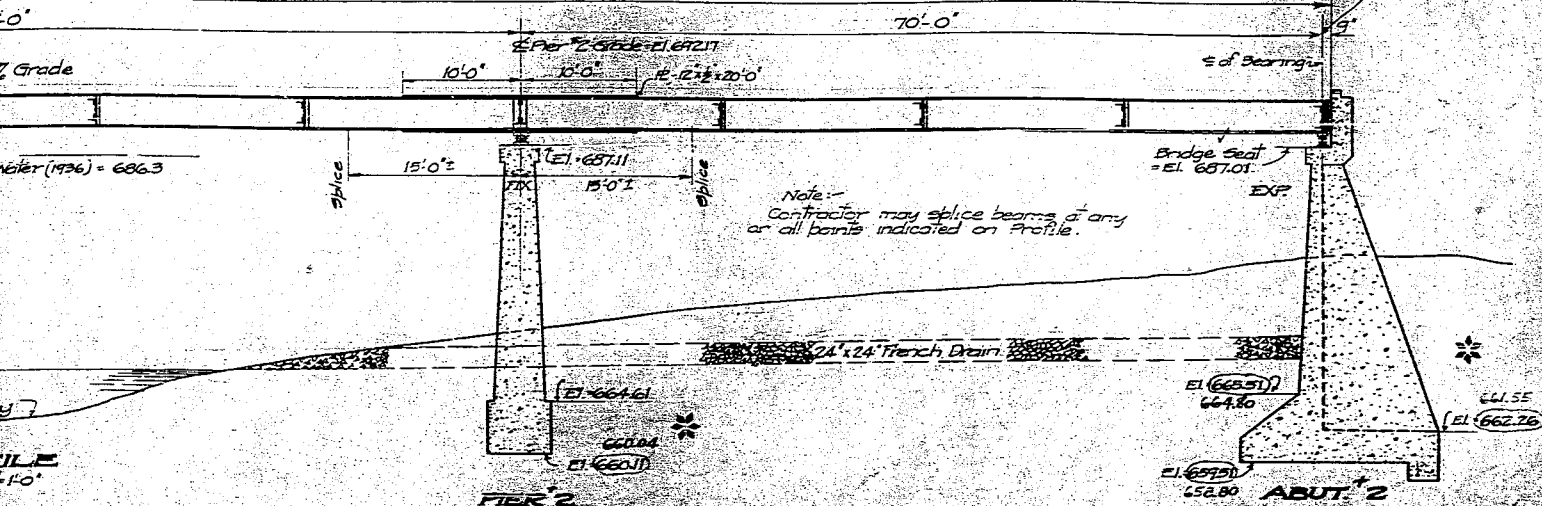
CHIEF ENGINEER - OFFICE OF PUBLIC WORKS AND ROAD BLDG.

APPROVED

SECRETARY OF AGRICULTURE - OFFICE OF PUBLIC WORKS AND ROAD BLDG.

1438

Face of Curtain Walls



NOTES

Concrete in superstructure shall be "Class A" except in railing, which is to be "Class D".
Concrete in abutments shall be "Class A" and in piers shall be "Class B".

Reinforcing bars shall be made from new billet steel of intermediate grade.

All structural and rivet steel shall contain at least 0.2% copper.

Where prepared filler is called for use a filler similar to "Core Elastite Rubber Expansion Joint" or "Servicized Cementone Expansion Joint", to be approved by the Engineer.

Bridge designed for H-15 live loading and a wearing surface of 25" of concrete. The wearing surface is not to be included in this contract.

Place a four inch drain through abutments in each space between the counterforts and one through each counterfort, and at the head of abutment for Abut. #1.

The backs of abutments from the base slab to within one foot of the top, counterforts and top of the base slab shall be water proofed in accordance with Section 10 of Division II of the Specifications, except that the concrete protection course will not be applied. The Contractor will, however, be responsible for and must make good any damages to the waterproofing.

Allowable unit stresses for structural steel, rivet steel, and cast steel shall be increased 12% over those given in the Specifications with a maximum of 15,000 lbs. per sq. in. in axial compression.

Size of rivets to be 3"

Shop drawings shall be in ink on tracing cloth and the tracings are to be delivered to the Commission upon completion of the contract.

The final coat of field paint shall be Aluminum according to the State Road Commission Specifications dated December, 1936.

The Contractor shall submit a lump sum bid for the steel superstructure complete in place, including the concrete floor and railing, item 23, and a unit bid on all other items shown in the Estimate.

The unit bid on Class A concrete in the superstructure shall include 4 drains, 100% copper flashing and the prepared filler in the superstructure.

The unit bid on concrete railing shall not include reinforcing bars.

The unit bid on Class A concrete in the substructure is to include the 4 drains and the copper flashing in the substructure.

Specifications by the State Road Commission, June 1929, with modifications and changes effective January, 1935.

Special provisions governing Works Program Highway and Flood Relief Funds, adopted by the State Road Comm. Nov. 10, 1936, will govern this project.

All concrete for the bridge shall be "Vibratory Concrete" in accordance with Amendment to Standard Specifications for Bridges, for vibratory concrete dated October, 1936.

The grading size for coarse aggregate of 1" for Class A Concrete, 1 1/2" for Class B Concrete and 1 1/4" for Class D Concrete in Road Specifications, 1935, will be accepted.

24" x 24" French outlet drain, to be included in the price bid for Dry Excavation except the excavation is to be paid for as Dry Excavation. The pay width of trench for calculating this Dry Excavation shall be 2' 6".

ESTIMATE

FINAL

① Dry Excavation	540. Cu. Yds.	528.
② Wet Excavation	667. Cu. Yds.	715.
③ Rock Excavation	70. Cu. Yds.	141.
④ Class A Concrete (Super.)	156.6 Cu. Yds.	164.9
⑤ Class A Concrete (Sub.)	201.7 Cu. Yds.	575.7
⑥ Class B Concrete	230.8 Cu. Yds.	238.4
⑦ Concrete Railing	461.7 Lin. Ft.	461.7
⑧ 1/2" Reinf. Bars	6,052.	
⑨ 1 1/2" " "	2,179.	
⑩ 1" " "	11,754.	
⑪ 3/4" " "	4,945.	
⑫ 5/8" " "	13,117.	
⑬ 3/8" " "	20,049.	
⑭ 2" " "	534.	
⑮ 1" " "	19,020.	
⑯ Steel Superstructure (Struct. Steel = 115,000 lbs. Lead = 430)	215,430. Lbs.	100 %
⑰ Bituminous Waterproofing	650. Sq. Yds.	650.
	71,650. Lbs.	71,679.

REFERENCE: FOR SITUATION PLAN SEE #1438-A

FORKS OF CACAPON BRIDGE

2-70 and 1-90 STEEL I-BEAM 30"x35, 24' ROADWAY

ON

PRIMARY STATE ROUTE 45

FORKS OF CACAPON MARTINBURG ROAD

OVER

CACAPON RIVER

NEAR

FORKS OF CACAPON

HAMPSHIRE CO. W.VA.

DESIGNED BY

STATE ROAD COMMISSION

CHARLESTON, W.VA.

Revised March 21, 1938 to show structure as built

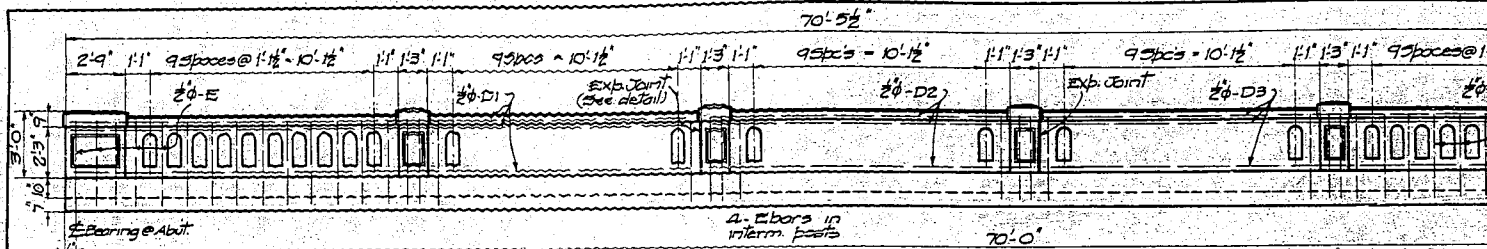
Revised 12/7/36

DESIGNED BY

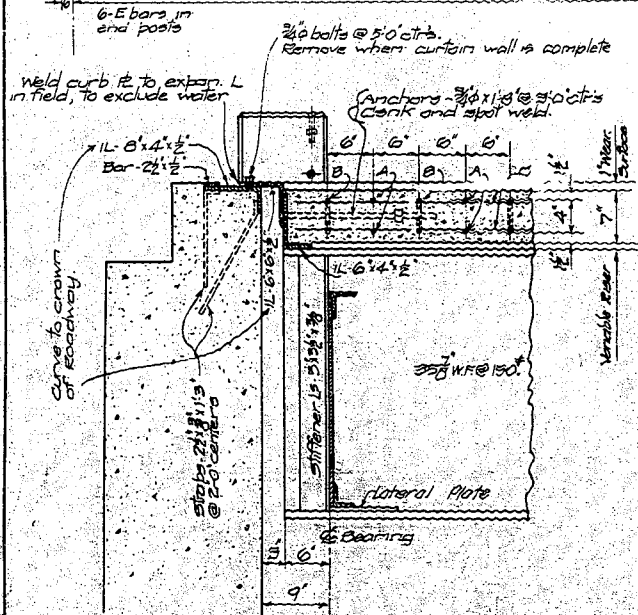
PROJECT W-235-E-24-A

AUGUST 1938

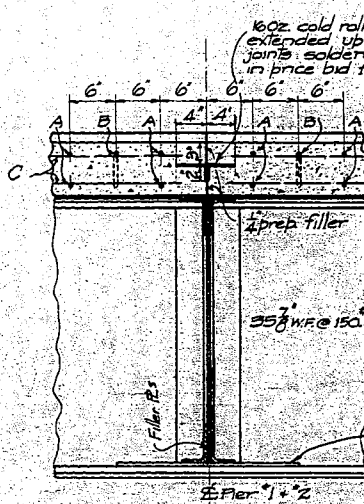
STATE OF W.VA.



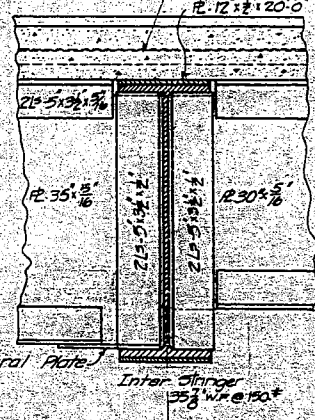
RAILING
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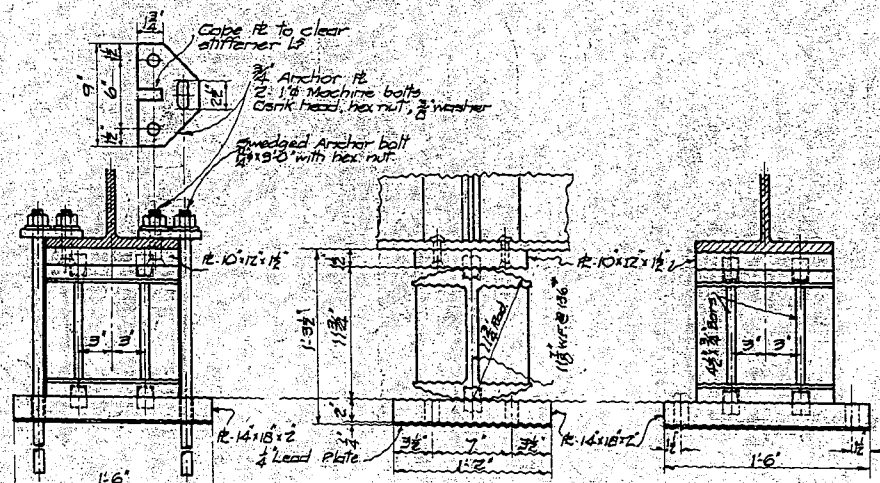
DETAIL @ ABUTMENTS
Scale: 1" = 1'-0"



DETAIL @ PIERS
Scale: 1" = 1'-0"



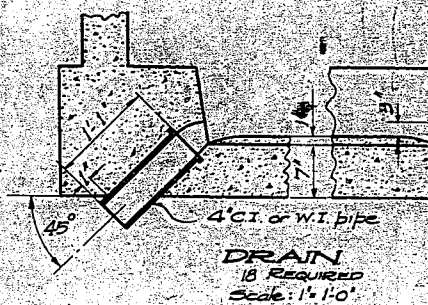
Cope diaphragms and lateral plates to clear anchor bolts of outside stringers



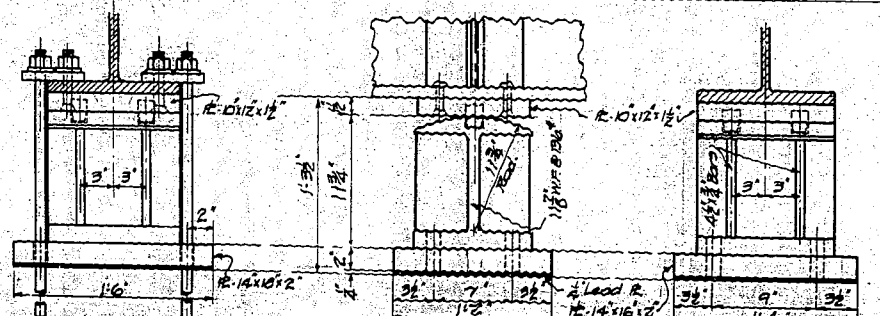
EXP SHOE @ PIER #1
FOR OUTSIDE STRINGERS
2 REQUIRED

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

EXP SHOE @ PIER #1
FOR INSIDE STRINGERS
3 REQUIRED



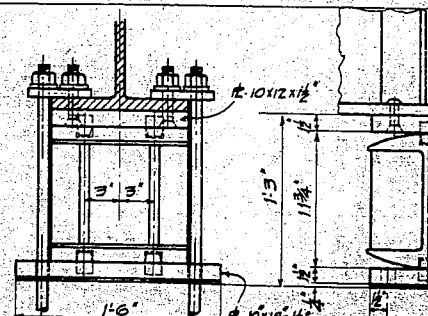
DRAIN
IS REQUIRED
Scale: 1" = 1'-0"



FIXED SHOE @ PIER #2
FOR OUTSIDE STRINGERS
2 REQUIRED

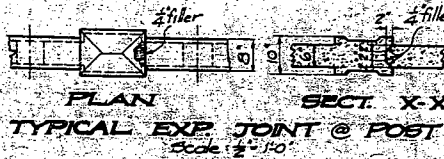
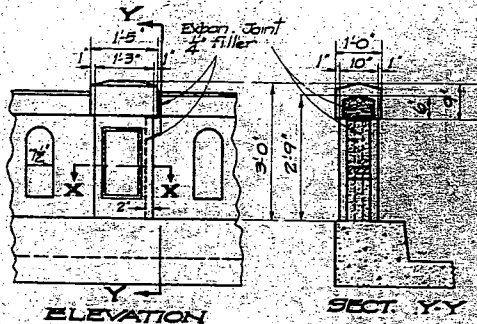
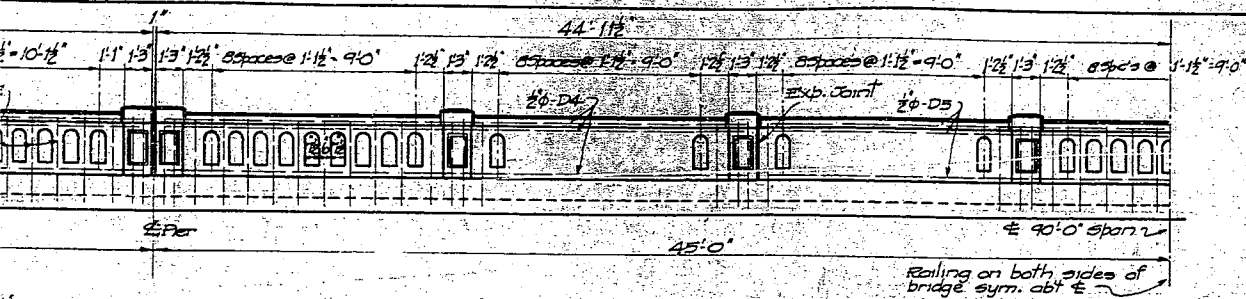
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FIXED SHOE @ PIER #2
FOR INSIDE STRINGERS
3 REQUIRED

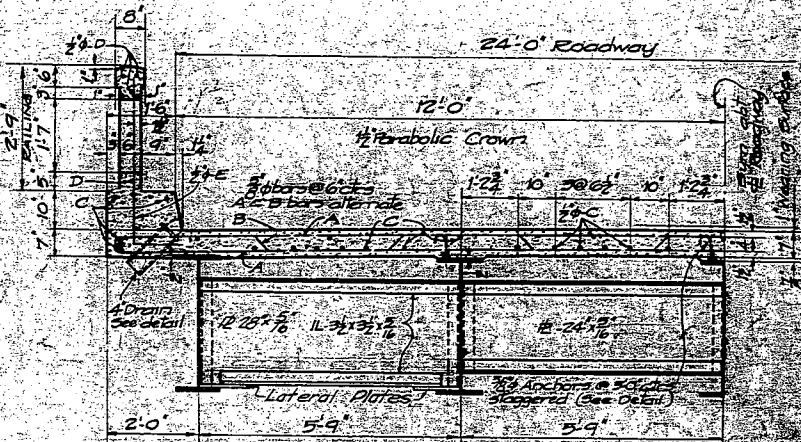


EXP SHOE @ ABUTS
FOR OUTSIDE STRINGERS
4 REQUIRED

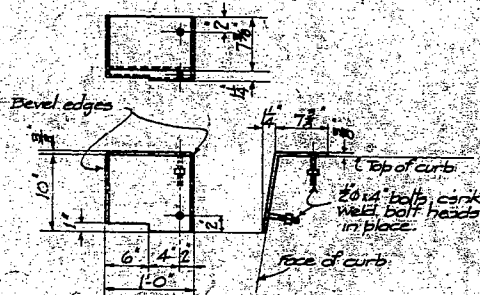
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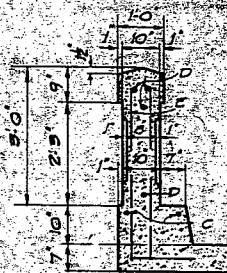
TYPICAL EXP. JOINT @ POST
Scale: 1/2" = 1'-0"



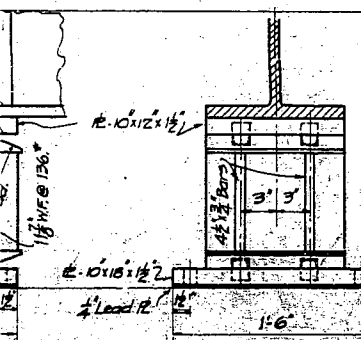
TYPICAL HALF SECTION - ROADWAY
Scale: 1/2" = 1'-0"



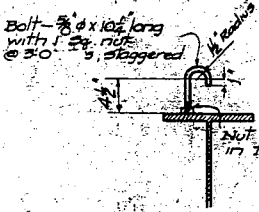
CURB PLATE
2 Required as shown
2 " Opp. hand
Scale: 1" = 1'-0"



SECTION @ POST
Scale: 1/2" = 1'-0"



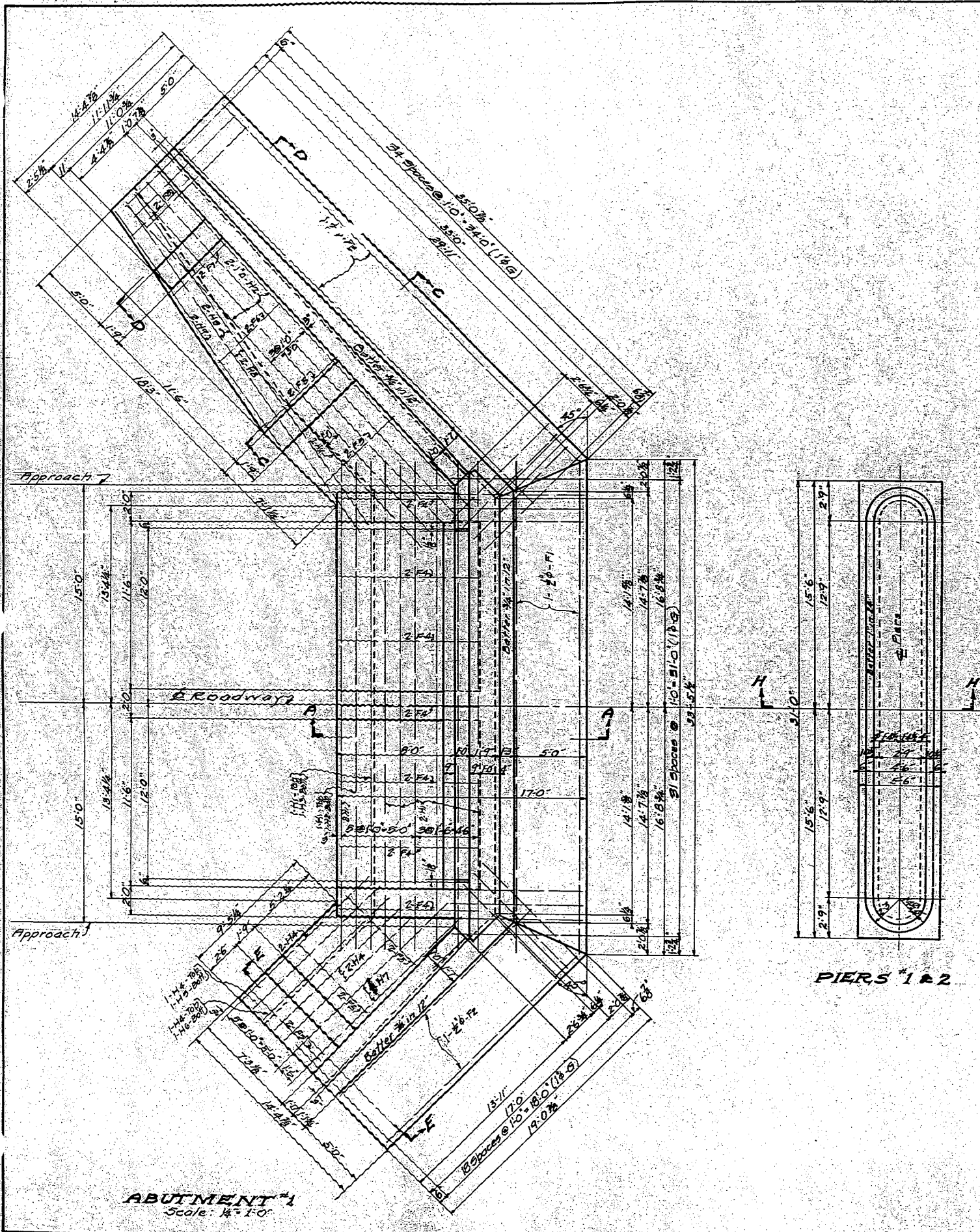
EXP. SHOE @ ABUTS
FOR INSIDE STRAINERS
0 Required

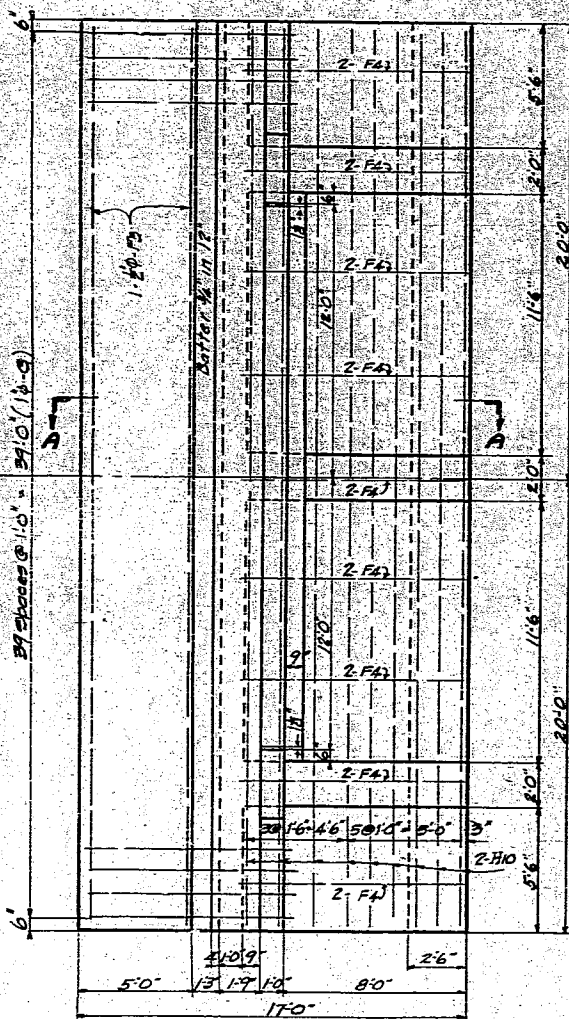


ANCHOR BAR
230 Required
Scale: 1" = 1'-0"

Note: Cost of these bars complete in place to be included in lump sum bid on steel super., item # 23

FORKS OF CACAPON BRIDGE
2-70' and 1-90' STEEL I-BEAM SPANS, 24' ROADWAY
ON
PRIMARY STATE ROUTE 45
FORKS OF CACAPON-MARTINSBURG ROAD
OVER
CACAPON RIVER
NEAR
FORKS OF CACAPON
HAMPSHIRE CO. W.VA.
Designed by
STATE ROAD COMMISSION
CHARLESTON, W.VA.
SCALE: AS NOTED
PROJECT: W-25 E-24-A
SHEET: 6 OF 6
REVISED 12/1/56



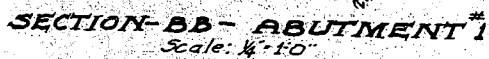


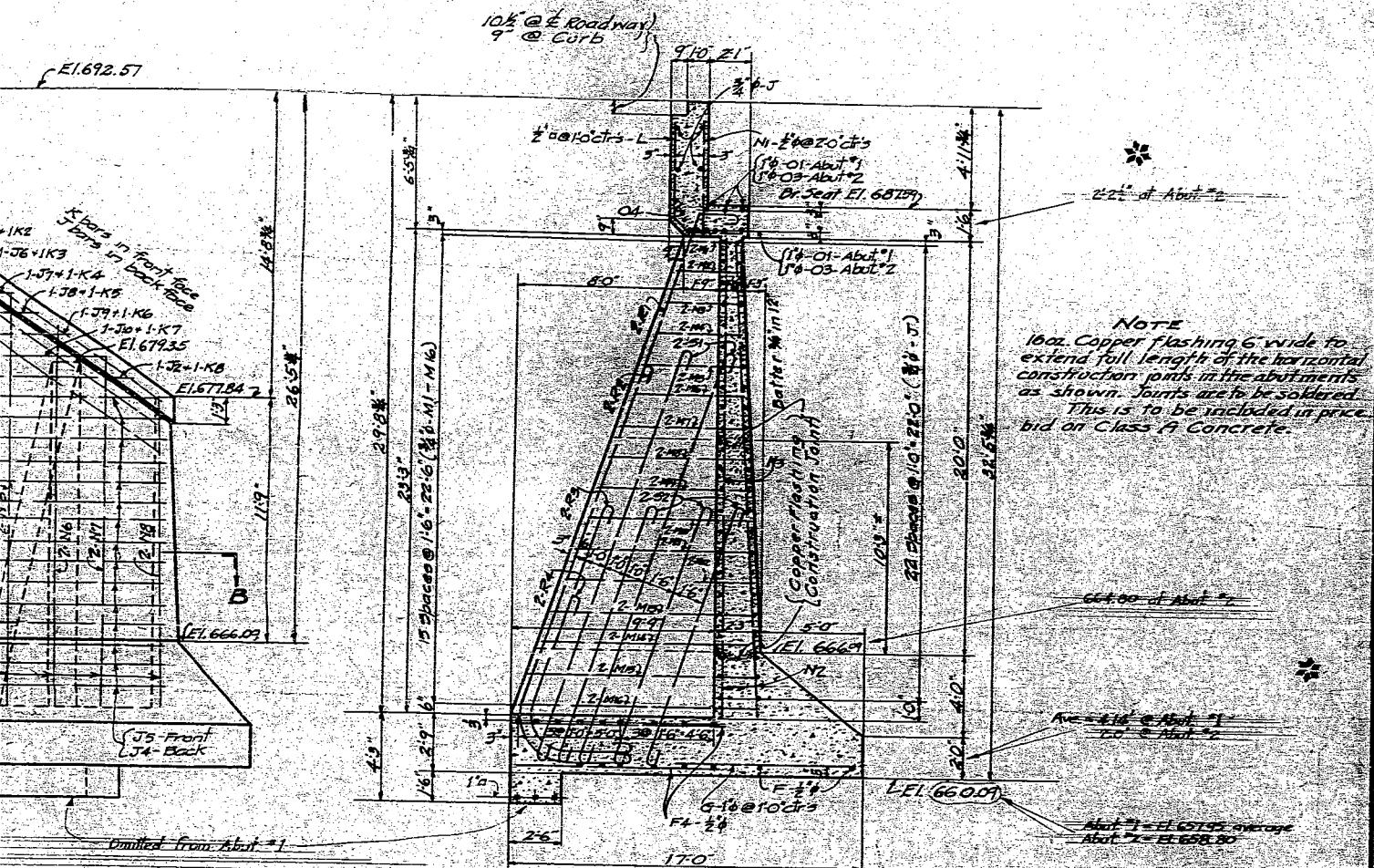
ABUTMENT #2
Scale: 1/4"=1'-0"

FORKS OF CACAPON BRIDGE
2-70 and 1-90' STEEL I BEAM SPANS, 24' ROADWAY
ON
PRIMARY STATE ROUTE 45
FORKS OF CACAPON MARTINSBURG ROAD
OVER
CACAPON RIVER
NEAR
FORKS OF CACAPON
HAMPSHIRE CO., WVA.
DESIGNED BY
STATE ROAD COMMISSION
CHARLESTON, WVA.

SCALE: AS NOTED
PROJECT: WESS-274-A

AUGUST, 1956
SHEET 3 OF 6
1438





FORKS OF CACAPON BRIDGE
270' and 190' STEEL BEAM SPANS, 24' ROADWAY
ON
PRIMARY STATE ROUTE #45
FORKS OF CACAPON MARTINSBURG ROAD
OVER
CACAPON RIVER
NEAR
FORKS OF CACAPON
HAMPSHIRE CO., W.VA.
DESIGNED BY
STATE ROAD COMMISSION
CHARLESTON, W.VA.

Revised March 21, 1938 to show structure as built

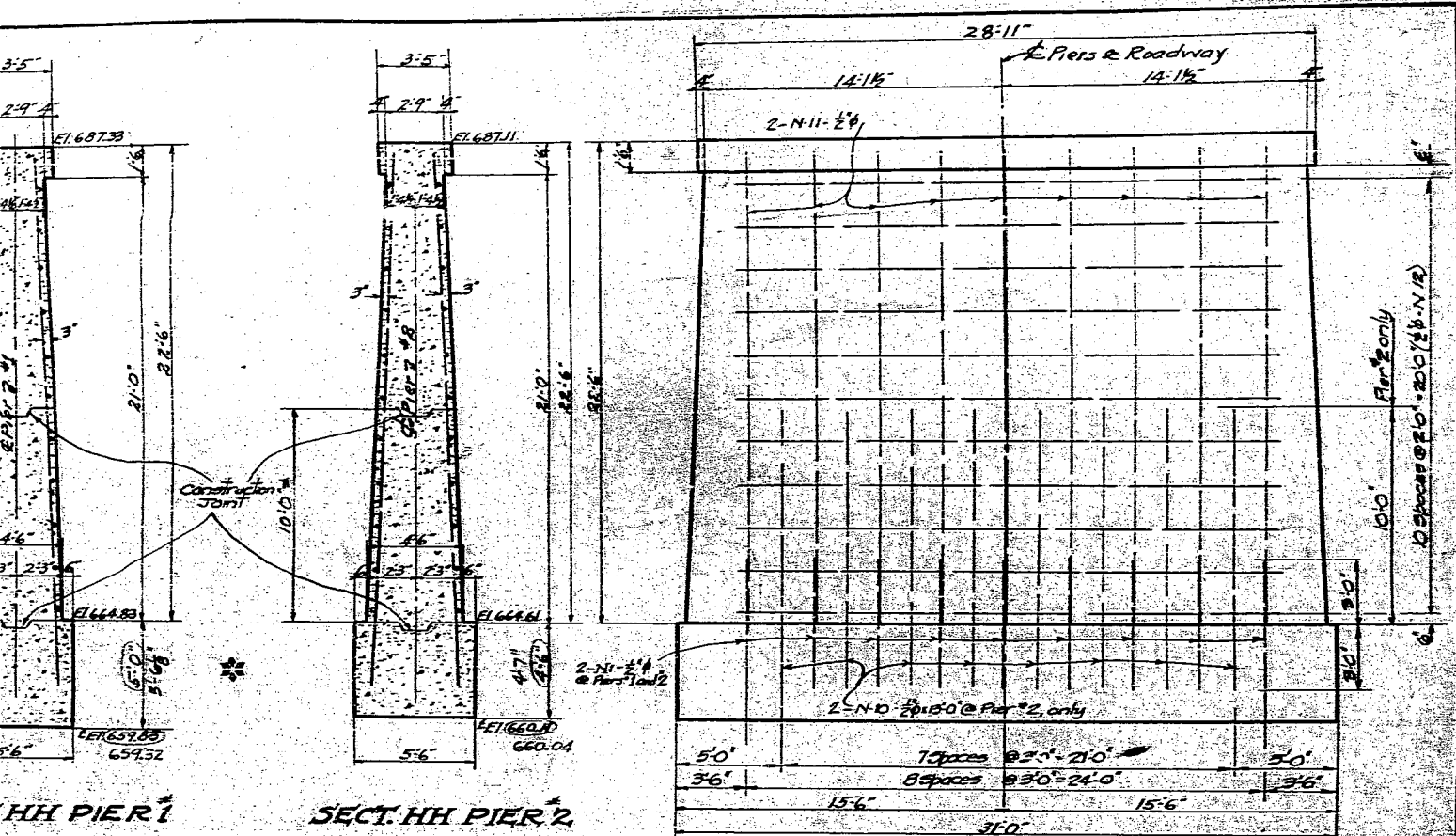
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PROJECT: W.P.S.S. R-294A

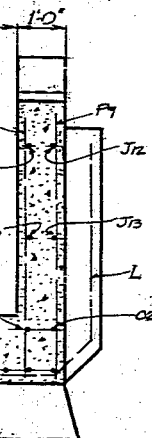
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SHEET 4 OF 6

1438



SECTION FF
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SECTION GG
Scale: 1/4" = 1'-0"

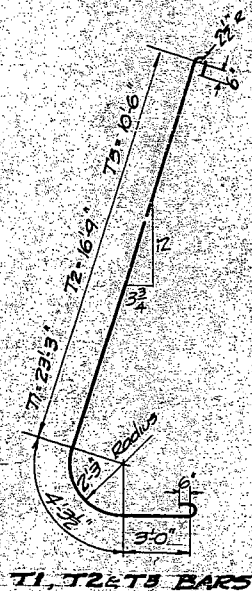
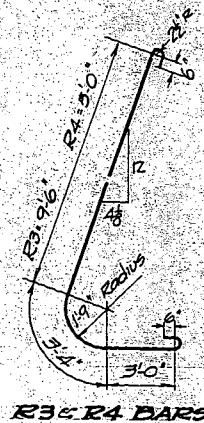
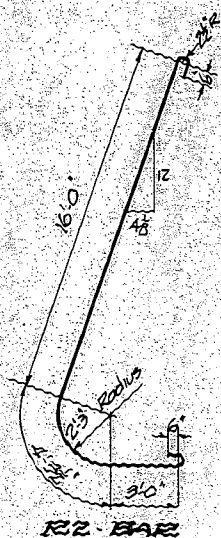
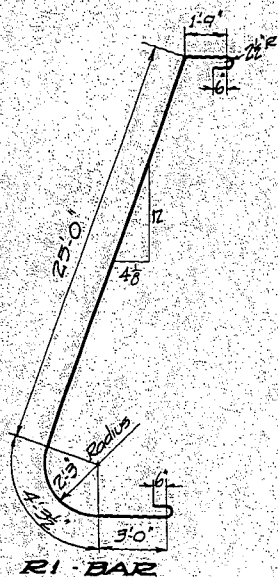
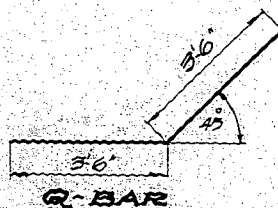
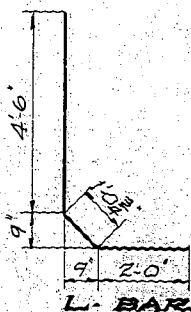
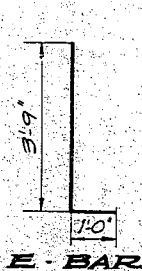
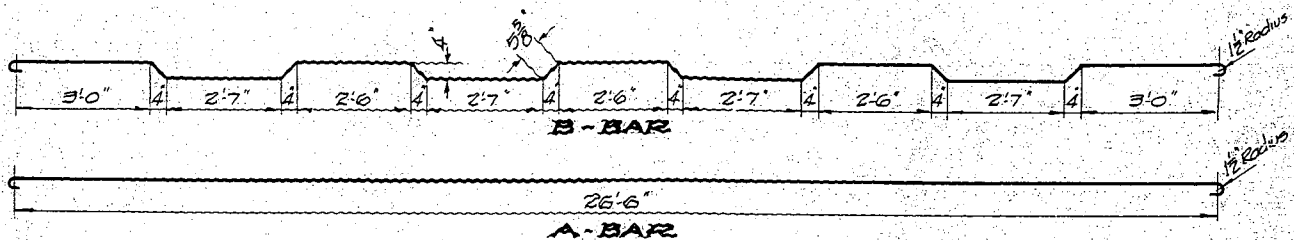
SECTION KK
Scale: 1/2" = 1'-0"

FORKS OF CACAPON BRIDGE
 2-70 and 1-90 STEEL I BEAM SPANS, 24' ROADWAY
 OR
 PRIMARY STATE ROUTE #45
 FORKS OF CACAPON MARTINSBURG ROAD
 OVER
 CACAPON RIVER
 NEAR
 FORKS OF CACAPON
 HAMPSHIRE CO. W.VA.
 DESIGNED BY
 STATE ROAD COMMISSION
 CHARLESTON, W.VA.

SCALE: AS NOTED
 PROJECT: WPS5-R74-A
 AUGUST, 1936
 SHEET 5 OF 6

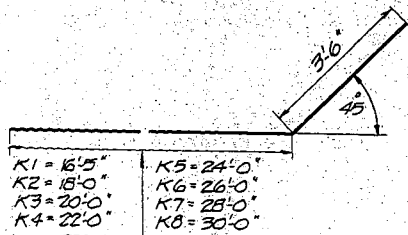
Revised March 21, 1938 to show structure as built
 Revised 12/1/34

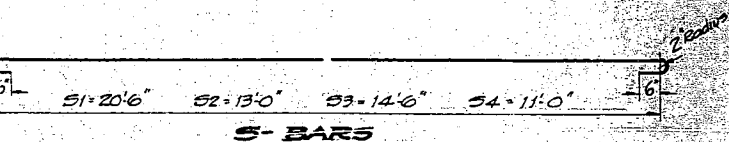
1438



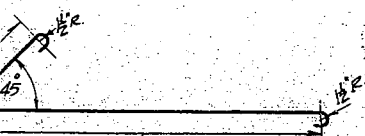
M1 = 2'4 3/4"	M15 = 10'11"
M2 = 2'1 1/2"	M16 = 11'6 1/2"
M3 = 3'7 1/2"	M17 = 1'10"
M4 = 4'2 1/2"	M18 = 3'6 1/2"
M5 = 4'10"	M19 = 4'1"
M6 = 5'5 1/2"	M20 = 4'7 3/4"
M7 = 6'0 1/2"	M21 = 5'2 1/2"
M8 = 6'5"	M22 = 5'9 1/4"
M9 = 7'3"	M23 = 6'4"
M10 = 7'10 1/2"	M24 = 6'10 3/4"
M11 = 8'5 3/4"	M25 = 7'5 1/2"
M12 = 9'1"	M26 = 8'0 1/4"
M13 = 9'8 1/2"	M27 = 8'7"
M14 = 10'4"	

M-BARS

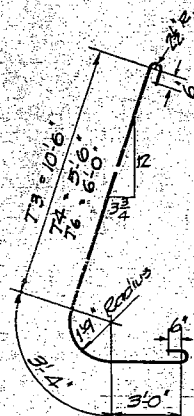




S-BARS



V-BARS



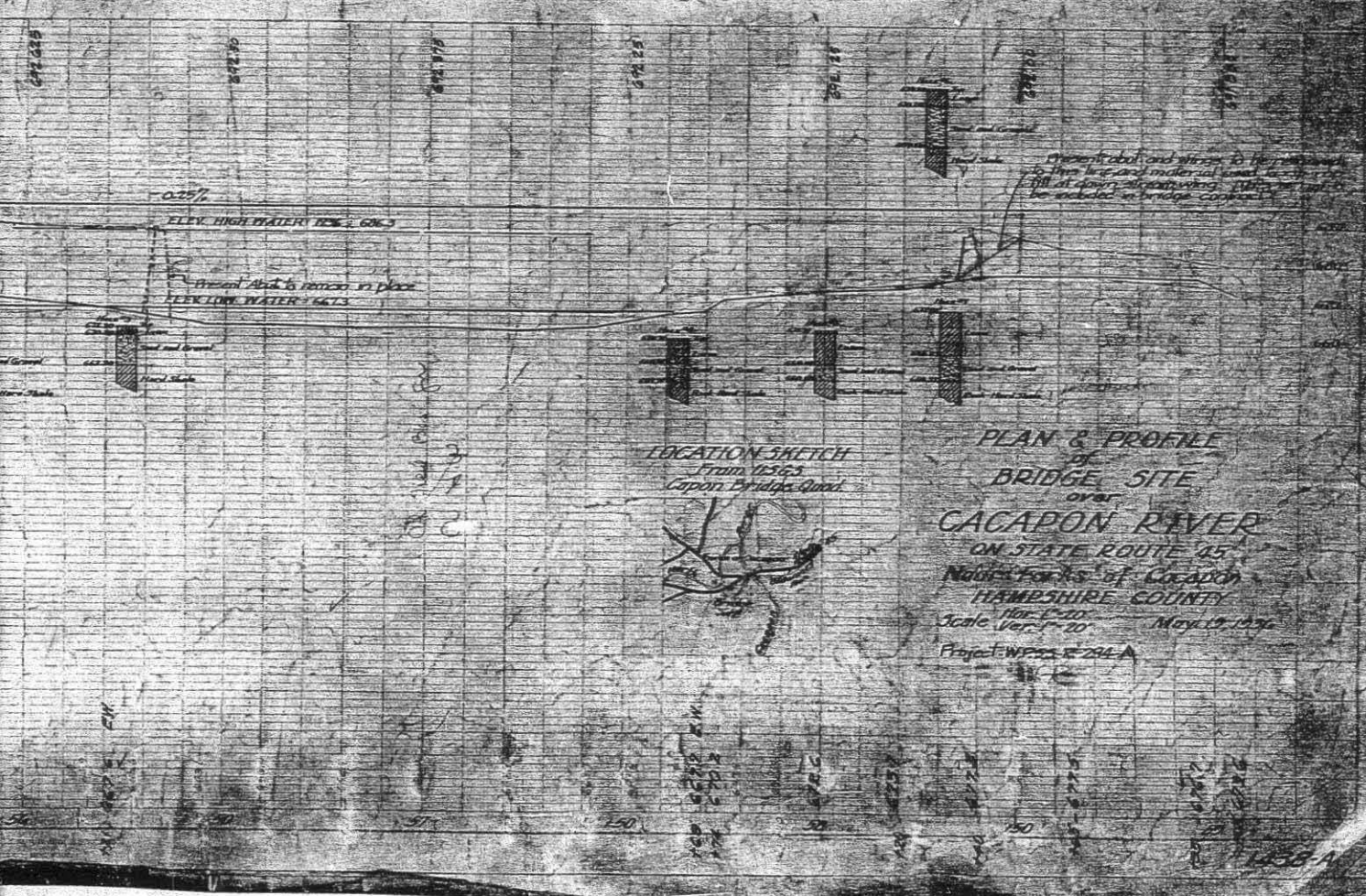
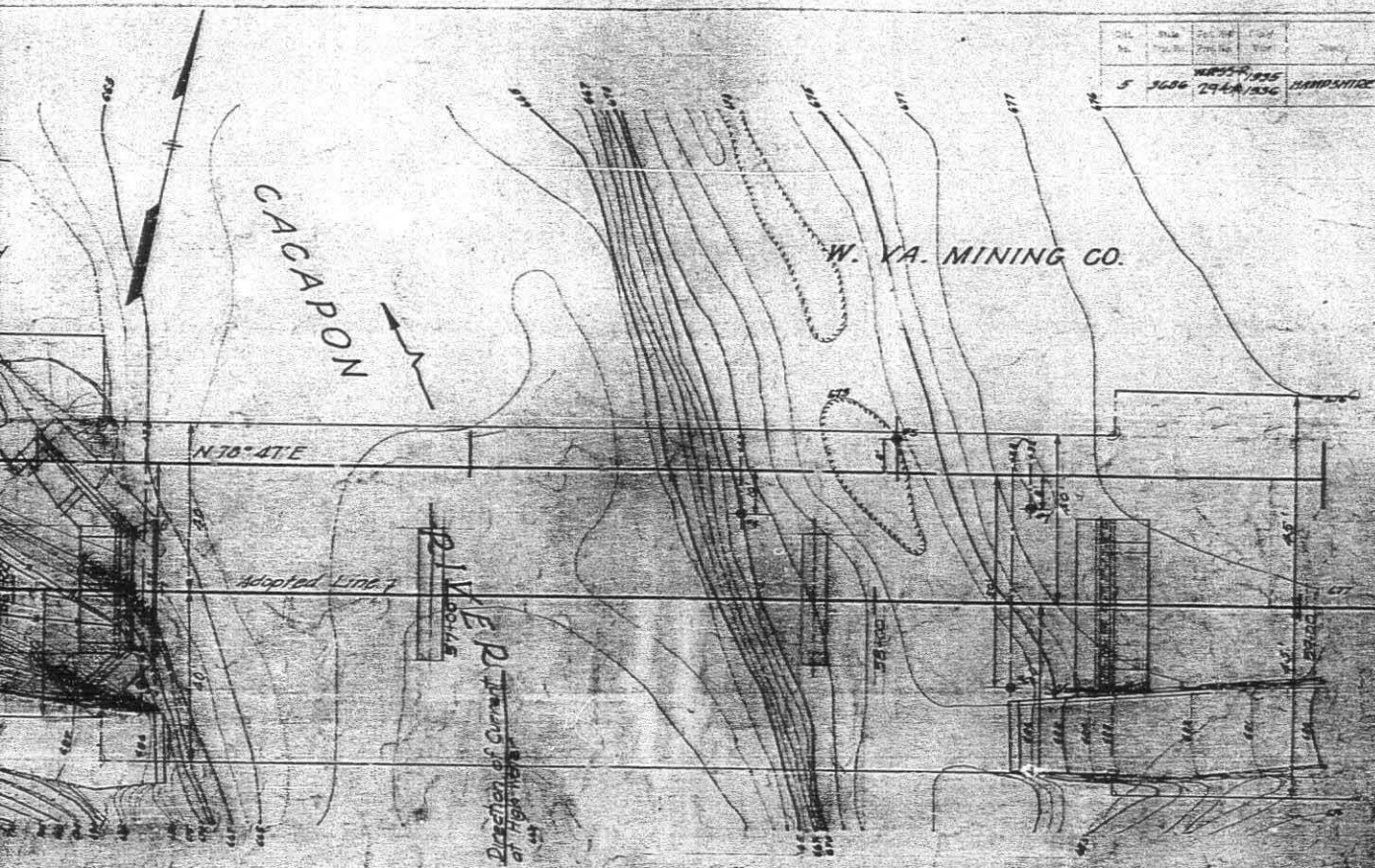
T6, T3 & T4 BARS

BILL OF REINFORCING STEEL

No.	LETTER	SIZE	LENGTH	No.	LETTER	SIZE	LENGTH
461	A	3/8"	27'6"	6	M-20	3/8"	7'8"
229	B	3/8"	28'7"	6	M-21	3/8"	8'3"
410	C	1/2"	24'9"	6	M-22	3/8"	8'10"
16	D-1	1/2"	28'3"	6	M-23	3/8"	9'4"
16	D-2	1/2"	14'6"	4	M-24	3/8"	9'11"
16	D-3	1/2"	26'9"	4	M-25	3/8"	10'6"
16	D-4	1/2"	26'0"	4	M-26	3/8"	11'1"
8	D-5	1/2"	36'3"	4	M-27	3/8"	11'7"
528	E	1/2"	4'9"	66	N-1	1/2"	6'0"
4	F-1	1/2"	17'9"	16	N-2	1/2"	5'3"
6	F-2	1/2"	18'3"	64	N-3	1/2"	19'9"
4	F-3	1/2"	20'9"	2	N-4	1/2"	18'0"
32	F-4	1/2"	9'9"	2	N-5	1/2"	16'6"
10	F-5	1/2"	6'9"	2	N-6	1/2"	15'0"
3	F-6	1/2"	6'0"	2	N-7	1/2"	13'6"
2	F-7	1/2"	5'6"	2	N-8	1/2"	11'6"
2	F-8	1/2"	4'6"	2	N-9	1/2"	3'6"
123	G	1"	9'0"	16	N-10	1/2"	13'0"
32	H-1	1"	18'9"	36	N-11	1/2"	22'0"
18	H-2	1"	17'3"	44	N-12	1/2"	25'6"
2	H-3	1"	16'6"	9	O-1	1"	28'0"
8	H-4	1"	12'0"	2	O-2	1"	11'0"
1	H-5	1"	11'0"	18	O-3	1"	21'6"
2	H-6	1"	10'0"	2	O-4	1"	24'0"
4	H-7	1"	14'6"	2	P-1	1"	10'9"
8	H-8	1"	16'0"	2	P-2	1"	10'3"
2	H-9	1"	20'0"	2	P-3	1"	9'9"
36	H-10	1"	21'6"	2	P-4	1"	9'3"
2	H-11	1"	16'0"	2	P-5	1"	8'9"
46	J-1	3/4"	28'3"	2	P-6	1"	8'3"
26	J-2	3/4"	17'6"	2	P-7	1"	7'9"
6	J-3	3/4"	15'0"	2	P-8	1"	7'3"
44	J-4	3/4"	18'0"	11	P-9	1"	6'9"
16	J-5	3/4"	14'0"	2	P-10	1"	5'3"
95	J-6	3/4"	21'0"	6	P-11	1"	2'6"
1	J-7	3/4"	23'0"	6	Q	1"	7'0"
1	J-8	3/4"	25'0"	12	R-1	1"	36'3"
1	J-9	3/4"	27'0"	12	R-2	1"	25'8"
1	J-10	3/4"	24'0"	12	R-3	1"	10'2"
2	J-11	3/4"	30'0"	13	R-4	1"	13'8"
5	J-12	3/4"	1'0"	28	S-1	1"	22'7"
2	J-13	3/4"	30'0"	44	S-2	1"	15'1"
4	J-14	3/4"	24'0"	2	S-3	1"	16'7"
39	K-1	3/4"	19'11"	2	S-4	1"	10'4"
1	K-2	3/4"	21'6"	4	T-1	1"	31'10"
1	K-3	3/4"	23'6"	6	T-2	1"	26'4"
1	K-4	3/4"	25'6"	4	T-3	1"	18'2"
1	K-5	3/4"	21'6"	5	T-4	1"	18'2"
1	K-6	3/4"	29'6"	2	T-5	1"	20'1"
1	K-7	3/4"	31'6"	2	T-6	1"	18'8"
1	K-8	3/4"	33'6"	2	V-1	3/8"	5'9"
50	L	1/2"	7'7"	2	V-2	3/8"	6'4"
16	M-1	3/8"	5'5"	2	V-3	3/8"	7'0"
16	M-2	3/8"	6'0"	2	V-4	3/8"	7'7"
10	M-3	3/8"	6'8"	2	V-5	3/8"	8'2"
10	M-4	3/8"	7'5"	2	V-6	3/8"	8'10"
10	M-5	3/8"	7'10"	2	V-7	3/8"	9'5"
10	M-6	3/8"	8'6"	2	V-8	3/8"	10'0"
10	M-7	3/8"	9'1"	2	V-9	3/8"	10'7"
10	M-8	3/8"	9'8"	2	V-10	3/8"	11'3"
10	M-9	3/8"	10'3"	2	V-11	3/8"	11'10"
10	M-10	3/8"	10'11"	2	V-12	3/8"	12'3"
10	M-11	3/8"	11'6"	2	V-13	3/8"	12'11"
10	M-12	3/8"	12'1"	2	V-14	3/8"	12'8"
10	M-13	3/8"	12'9"	2	V-15	3/8"	11'4'3"
10	M-14	3/8"	13'4"	2	V-16	3/8"	12'11"
10	M-15	3/8"	13'11"				
10	M-16	3/8"	14'7"				
6	M-17	3/8"	14'10"				
6	M-18	3/8"	6'7"				
6	M-19	3/8"	7'1"				

FORKS OF CACAPON BRIDGE
 2-70 and 1-90' STEEL I-BEAM SPANS, 28' ROADWAY
 ON
PRIMARY STATE ROUTE #45
FORKS OF CACAPON-MARTINSBURG ROAD
 OVER
CACAPON RIVER
 NEAR
FORKS OF CACAPON
HAMPSHIRE CO., WVA.
 DESIGNED BY
STATE ROAD COMMISSION
CHARLESTON, WVA.
 SCALE: AS NOTED
 PROJECT: W.P.55-R-294-A
 AUGUST, 1936
 SHEET 6 OF 6
***1438**

Job No.	Scale	Sheet No.	Sheet Total	Project Name	City	State
5	3686	294A	336	HAMPSHIRE		















ERECTED BY
E. R. MILLS
CHARLESTON, W. VA.
1967

