

1000 900 800 700 600 500 400 300 200 100 0

INDEX OF SHEETS

SHEET NO.	TITLE PAGE
1	PLAN AND PROFILE, STA 0+60 TO 3+50
2	TYPICAL SECTION OF IMPROVEMENT (21' GRAVEL)
3	SUPERSTRUCTURE DETAILS S.B. 20-100-1-1W
4	TYPICAL DETAILS S.B. NO. 1
5	ABUTMENT DETAILS
7	GROSS SECTION 5
8	S. 19 STANDARD STRUCTURES

STATE OF VERMONT
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

FEDERAL AID PROJECT



WOLCOTT

BRIDGE OVER LAMOILLE RIVER IN WOLCOTT VILLAGE

LOCATED IN VILLAGE ON ROAD TO R.R. STATION

LENGTH 290 FEET .054 MILES

Scales
Plan 1" = 20 Feet
Vertical 1" = 20 Feet
Horizontal 1" = 20 Feet
Sections 1" = 2 Feet

THIS PROJECT TO BE CONSTRUCTED IN ACCORDANCE WITH STANDARD SPECIFICATIONS ON ALL WITH THE ASSISTANCE OF PUBLIC ROADS, APPROVED 3/22.

STRUCTURES ON THIS PROJECT TO BE CONSTRUCTED IN ACCORDANCE WITH DETAILS GIVEN ON STANDARD STRUCTURE SHEETS SERIES NOS. 317-10-17.

RECORD PLANS.
FRP 58A

DISTRICT No. 9
BRIDGE No. 56
WOLCOTT

APPROVED: APRIL 7, 1928
S. B. BATES
DISTRICT ENGINEER

SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

S. B. BATES
COMMISSIONER OF HIGHWAYS

RECOMMENDED _____
DISTRICT ENGINEER BUREAU OF PUBLIC ROADS
RECOMMENDED FOR APPROVAL _____
CHIEF ENGINEER BUREAU OF PUBLIC ROADS
APPROVED _____
DIRECTOR - BUREAU OF PUBLIC ROADS

SERIES F. R. No. 304 FILED
SHEET 1 OF 1

Wolcott 28
Keep



CONVENTIONAL SIGNS

GROUND ELEVATION..... DATUM..... LINE

GRADE ELEVATION..... DATUM..... LINE

CURVE DATA

DEFLECTION ANGLE..... Δ

DEGREE OF CURVE..... D

RADIUS OF CURVE..... R

TANGENT DISTANCE..... T

LENGTH OF CURVE..... L

EXTERNAL DISTANCE..... E

POINT OF INTERSECTION..... P. I.

POINT OF CURVE..... P. C.

POINT OF TANGENT..... P. T.

POINT ON TANGENT..... P. O. T.

SA 3, 86 over Lamoille River

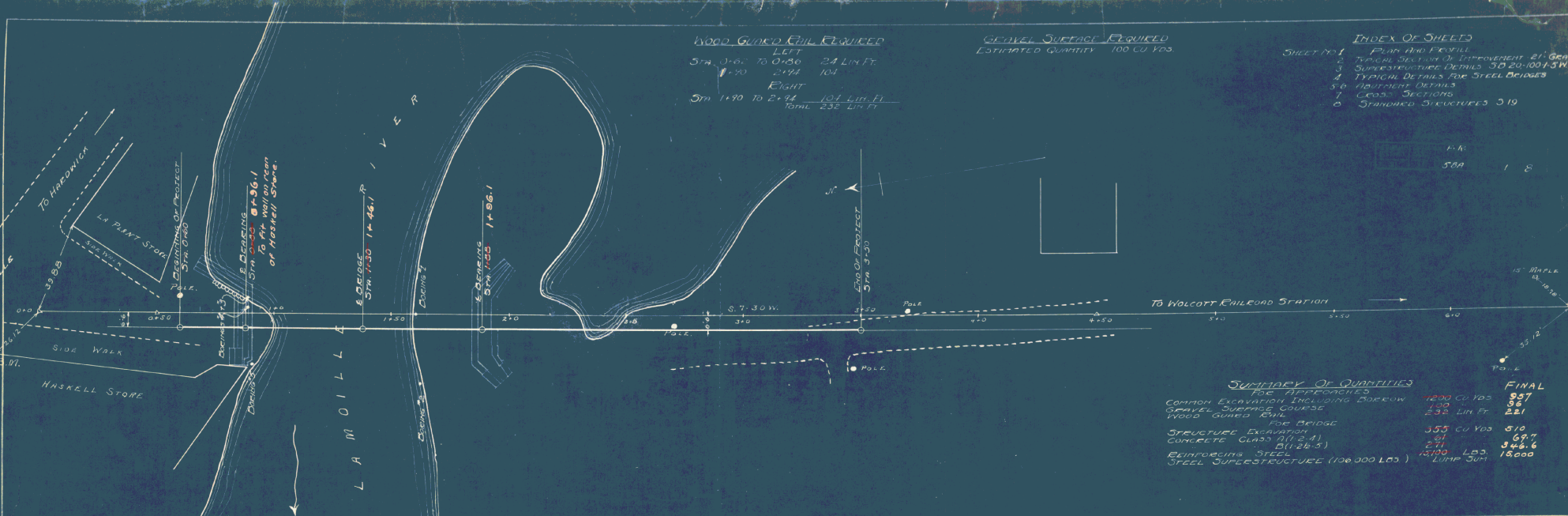
PLAN
 DRAWN BY
 CHECKED BY
 DATE
 12/1/14

TITLE
 PROJECT
 DATE
 12/1/14

WOOD GUARD RAIL REWIRED
 LEFT
 STA 0+60 TO 0+80 24 LIN FT
 1+70 2174 104
 RIGHT
 STA 1+90 TO 2+24 104 LIN FT
 Total 232 LIN FT

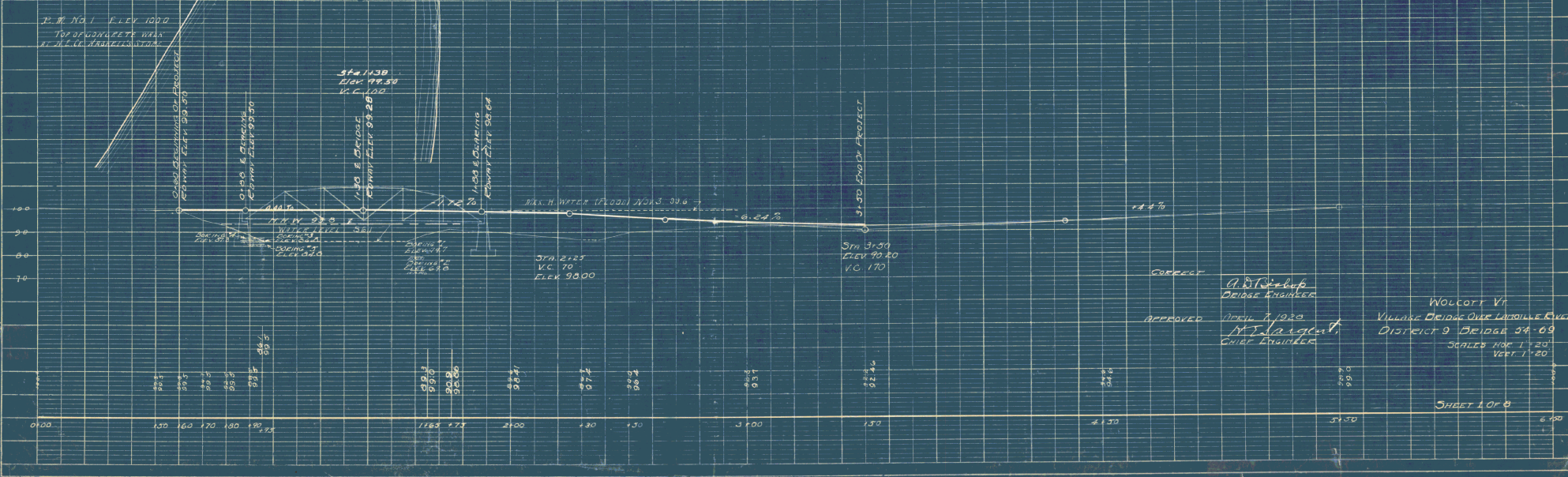
GRAVEL SURFACE REQUIRED
 ESTIMATED QUANTITY 100 CU YDS.

INDEX OF SHEETS
 SHEET NO. 1 PLAN AND PROFILE
 2 TYPICAL SECTION & IMPROVEMENT 21' GRADE
 3 SUPERSTRUCTURE DETAILS 30 20:100 F.S.M.
 4 TYPICAL DETAILS FOR STEEL BRIDGES
 5a) FLOORING DETAILS
 7 CROSS SECTIONS
 8 STANDARD STRUCTURES 3 19



SUMMARY OF QUANTITIES FOR APPROACHES

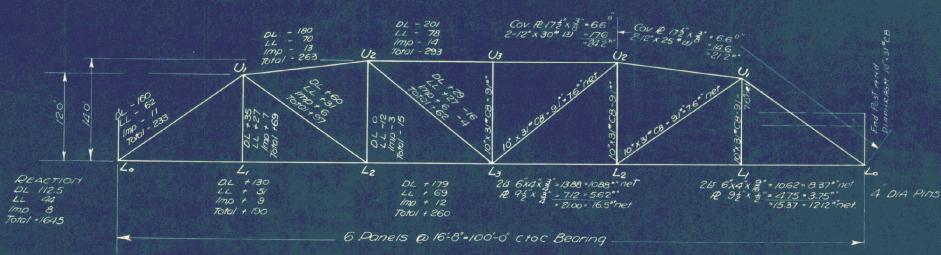
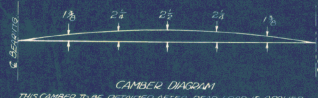
ITEM	QUANTITY	FINAL
COMMON EXCAVATION INCLUDING BORROW	1200 CU YDS	857
GRAVEL SURFACE COURSE	130	96
WOOD GUARD RAIL	232 LIN FT	281
FOR BRIDGE		
STRUCTURE EXCAVATION	350 CU YDS	510
CONCRETE CLASS 40 (21-4)	271	697
REINFORCING STEEL	13100 LBS	346.6
STEEL SUPERSTRUCTURE (100,000 LBS)	4100 LBS	15,000
	TOTAL SUM	



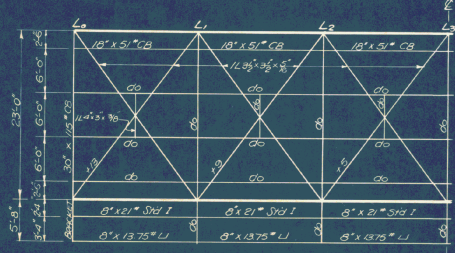
CORRECT
 APPROVED
 DATE 7/10/20
 CHIEF ENGINEER

WOLCOTT VT
 VILLAGE BRIDGE OVER LAMOILLE RIVER
 DISTRICT 9 BRIDGE 34-69
 SCALES HOR 1"=20'
 VERT 1"=20'

SHEET 1 OF 8



STRESS DIAGRAM
Stresses expressed in kips

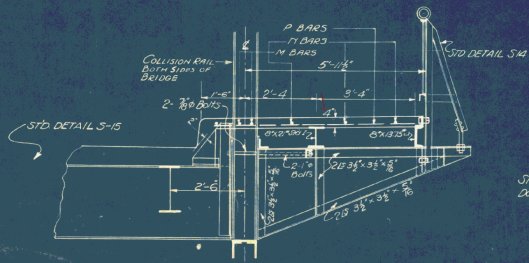


HALF PLAN FLOOR AND LATERAL SYSTEM

	STRINGERS	FLOORBEAMS	SIDEWALK STRINGERS
DL	330000	1980000	53000
LL	765000	2286000	100000
IMP	230000	601000	
Total	1325000	4867000	153000
	= 83 Mod	= 300 Mod	= 115 Mod

	STRINGERS	FLOORBEAMS
DL	7000	27000
LL	16000	26500
IMP	5000	7000
Total	28000	60500

- NOTES**
- FLOOR DESIGNED FOR**
 Dead Load - Concrete slab + 25' paving allowance
 Sidewalk - 1" concrete slab
 Live Load - Roadway - 24,500 trucks, 18'0" oves, 6'0" wheels, 85% of load on rear axles.
 Sidewalk - 80' lbs/sq ft
 Impact - 30% for Stringers, 27% for Floor Beams
- TRUSS DESIGNED FOR**
 Dead Load - Concrete floor 1350' x 1100' Sidewalk 400' x 1250'
 Live Load - Roadway - H16 Loading AASHTO Spec 1926
 Sidewalk -
 Impact - 1 + L/1000 where L aggregate loaded length
 Rivets 3/8" Gussets 7/8"
- REFERENCES**
 Use the following typical details shown on Sheet 3B 1 - 31 and 3B where A=1/2", B=3/8", C=4", D=10" S10, S12, S14 without intermediate posts. S15, S16, S18 *S21



TYPICAL SIDEWALK SECTION

Slope Sidewalk 1/4" per ft
 Drop concrete slab 1/2" over stringers

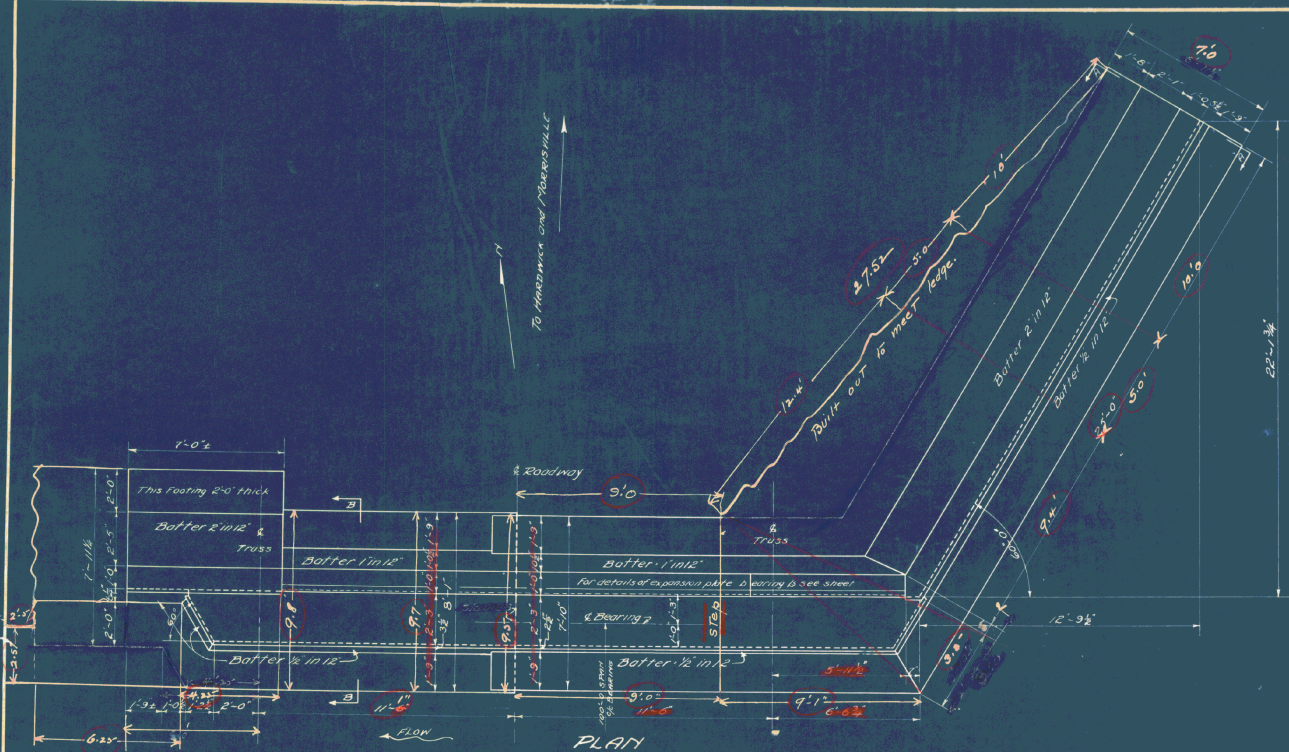
STEEL SUPERSTRUCTURE
 100'-0" cloc BEARING
 20' ROADWAY AND 1'-5" SIDEWALK
 2-H15

Approved

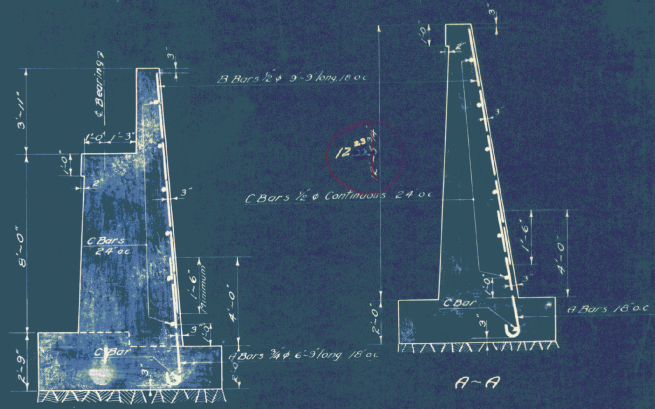
A.P. Smith
 BRIDGE ENGINEER

THIS SHEET USED FOR	ESTIMATED QUANTITIES
	(FOR ONE SPAN)
DISTRICT #3 BRIDGE #54 WALCOTT VIADUCT	STRUCTURAL STEEL 100,000 lb
	CONCRETE CLAYS 6,977 cu yd
	REINFORCING STEEL 12,700 lbs 16,415

Surveyed by	
Designed by	L. H. SHAWNEER
Drawn by	G.L.P.
Traced by	G.L.P.
Checked by	M. R. Woodruff
Series	3220 No. 100-F-5W Piles
Sheet	3 of 3 Sheets

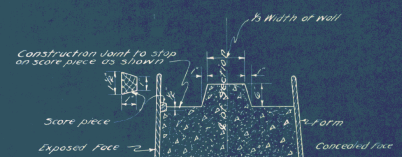


PLAN

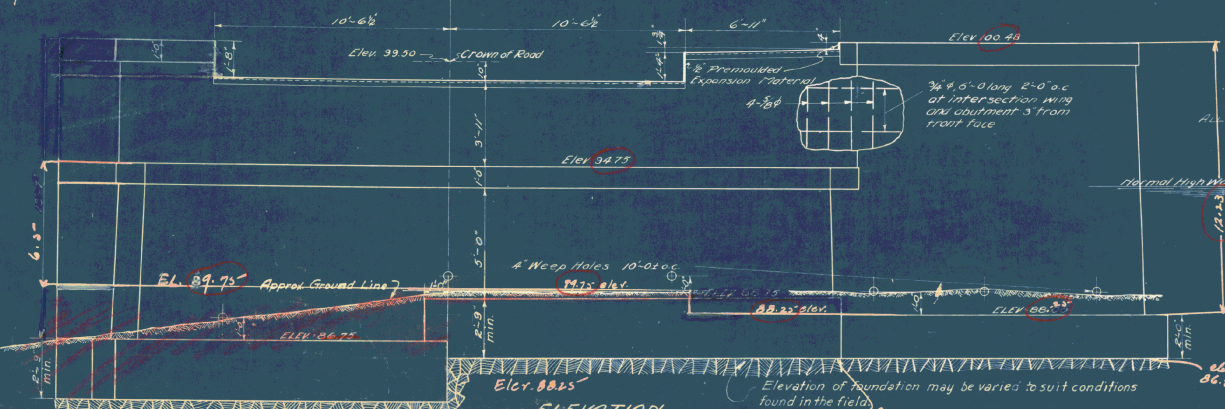


B-B

A-A



DETAILS FOR SCORE MARKS & CONSTRUCTION JOINTS BOTH ABUTMENTS
 Unless otherwise directed by the Engineer, Score Pieces shall be equally spaced vertically of about 4'-6" o.c. shall stop at underside of coamings and shall be carried around exits of walls when they may be exposed to view. Score marks shall line horizontally and shall be of same levels on both abutments. Construction joints may be made at any score mark.



ELEVATION

Estimated Quantities

Structure Excavation	116	cu yd
Class B Concrete	112.5	cu yd
Reinforcing Steel	103.6	tons
	222.0	lbs
	1025	

ABUTMENT
 STA. 0+88.0+96
WOLCOTT VILLAGE BRIDGE
 WOLCOTT, VT.
 Scale 3/8"=1'-0"

Designed by W.P. Dowell
 Drawn by H.B.W.
 Traced by A.D.H.
 Checked by W.H. Day
 Series 57 No. 34 of 8
 Sheet 6 of 8

Dr. May 95-92

Elevation of foundation may be varied to suit conditions found in the field.

86.3' average

FED. ROAD DIST. NO.	STATE	F. R. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	Vt.	587			

INDEX OF SHEETS

SHEET NO.	TITLE PAGE
1	PLAN AND PROFILE STA. 0+60 TO 3+50
2	TYPICAL SECTION OF IMPROVEMENT (21' GRAVEL)
3	SUPERSTRUCTURE DETAILS S.B. 20-100 -1-5W
4	TYPICAL DETAILS SB NO. 1
5-6	ABUTMENT DETAILS
7	CROSS SECTIONS
8	S 19 STANDARD STRUCTURES

STATE OF VERMONT
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

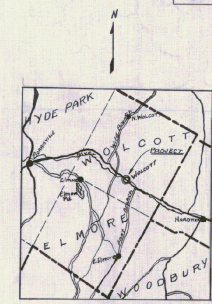
FEDERAL AID PROJECT

WOLCOTT

BRIDGE OVER LAMOILLE RIVER IN WOLCOTT VILLAGE

LOCATED IN VILLAGE ON ROAD TO R.R. STATION

LENGTH 290 FEET .054 MILES



Scales
Plan 1" = 20 Feet
Vertical 1" = 20 Feet
Horizontal 1" = 20 Feet
Sections 1" = 3 Feet

THIS PROJECT TO BE CONSTRUCTED IN ACCORDANCE WITH STANDARD SPECIFICATIONS ON FILE WITH THE U.S. BUREAU OF PUBLIC ROADS. APPROVED 7/12/26.

STRUCTURES ON THIS PROJECT TO BE CONSTRUCTED IN ACCORDANCE WITH DETAILS GIVEN ON STANDARD STRUCTURE SHEETS SERIES NOS. 517-18-19.

DISTRICT No. 9
BRIDGE No. 54
WOLCOTT

APPROVED: APRIL 7 1926

R. S. August
CHIEF ENGINEER

SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

S. B. Buttz
COMMISSIONER OF HIGHWAYS

RECOMMENDED [Signature]
DISTRICT ENGINEER BUREAU OF PUBLIC ROADS

RECOMMENDED FOR APPROVAL [Signature]
CHIEF ENGINEER BUREAU OF PUBLIC ROADS

APPROVED [Signature]
DIRECTOR BUREAU OF PUBLIC ROADS

SERIES F. R. No. 587 FILED
SHEET 1 OF

M

PROJECT: Wolcott "Village Bridge"
BRIDGE: SPT#3, 86 over Lamoille River
TYPE: 100 Spans Steel Pony Truss, Conc. Floor w/ 5' Sidewalk, 20' Roadway
F.R.P. 58A
YEAR: 28
LOCATION: In the community of Wolcott 0.1 miles from the intersection of SPT#3 & VPM#5 towards Elmore

CONVENTIONAL SIGNS



CURVE DATA

- DEFLECTION ANGLE..... Δ
- DEGREE OF CURVE..... D.
- RADIUS OF CURVE..... R.
- TANGENT DISTANCE..... T.
- LENGTH OF CURVE..... L.
- EXTERNAL DISTANCE..... E.
- POINT OF INTERSECTION..... P. I.
- POINT OF CURVE..... P. C.
- POINT OF TANGENT..... P. T.
- POINT ON TANGENT..... P. O. T.

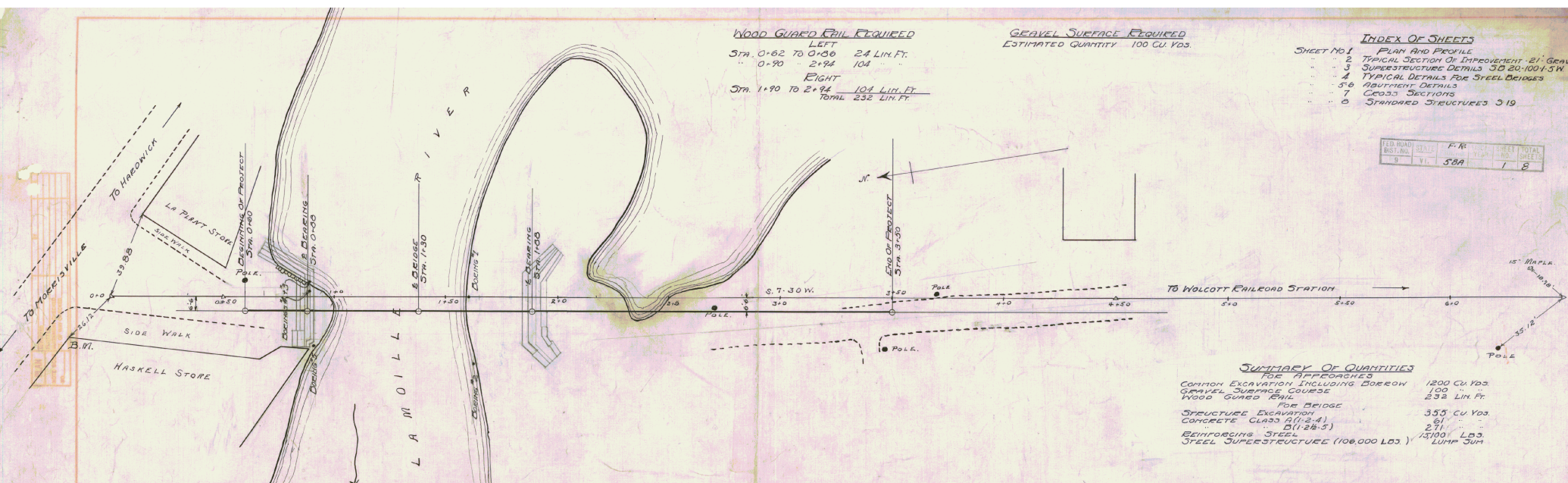
WOOD GUARD RAIL REQUIRED
 LEFT
 STA. 0+62 TO 0+90 28 LIM. FT.
 " 0+90 " 2+94 104
 RIGHT
 STA. 1+90 TO 2+94 104 LIM. FT.
 TOTAL 232 LIM. FT.

GRAVEL SURFACE REQUIRED
 ESTIMATED QUANTITY 100 CU. YDS.

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	PLAN AND PROFILE
2	TYPICAL SECTION OF IMPROVEMENT - 21' GRAVEL
3	SUBSTRUCTURE DETAILS 30 20/1001 SW
4	TYPICAL DETAILS FOR STEEL BRIDGES
5	ABUTMENT DETAILS
7	CROSS SECTIONS
8	STANDARD STRUCTURES 319

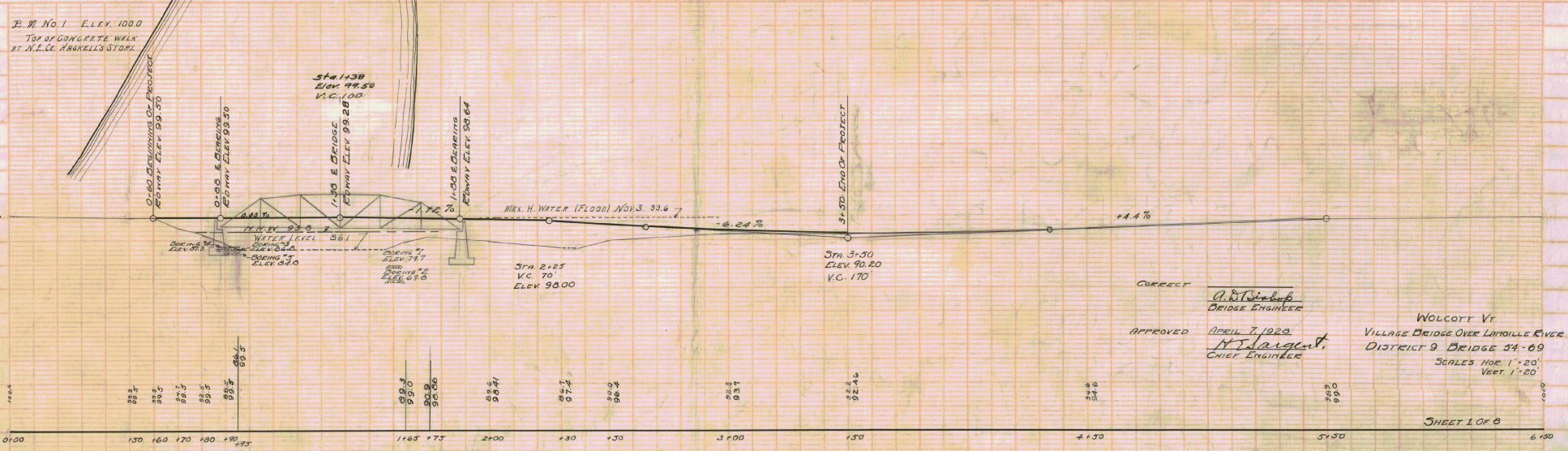
LEAD ROAD	STATION	F. R.	TYPE	SHEET NO.	TOTAL SHEETS
9	VII	58A		1	8



SUMMARY OF QUANTITIES

DESCRIPTION	QUANTITY
COMMON EXCAVATION INCLUDING BORROW	1200 CU. YDS.
GRAVEL SURFACE COURSE	100
WOOD GUARD RAIL	232 LIM. FT.
STRUCTURE EXCAVATION	355 CU. YDS.
CONCRETE CLASS 2 (12-4)	271
REINFORCING STEEL	13100 LBS.
STEEL SUPERSTRUCTURE (100,000 LBS.)	LUMP SUM

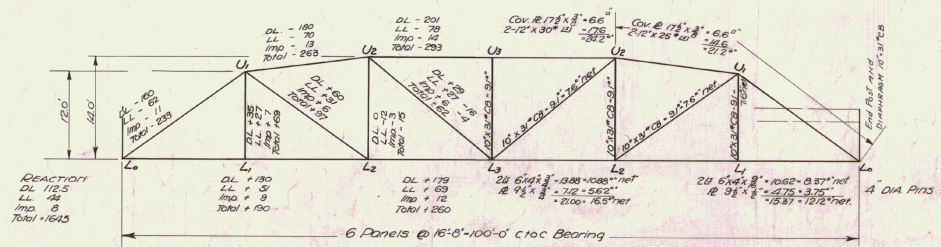
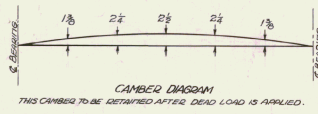
E. M. No. 1 ELEV. 100.0
 TOP OF CONCRETE WALK
 AT H. L. HASKELL'S STORE



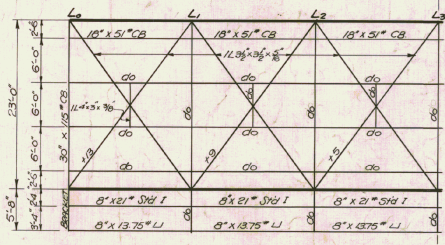
CORRECT
A. B. [Signature]
 BRIDGE ENGINEER

APPROVED
 APRIL 7, 1928
H. J. [Signature]
 CHIEF ENGINEER

WOLCOTT VT.
 VILLAGE BRIDGE OVER LAMOILLE RIVER
 DISTRICT 9 BRIDGE 34-69
 SCALES HOR 1"=20'
 VERT 1"=20'



STRESS DIAGRAM
Stresses expressed in Kips.



HALF PLAN FLOOR AND LATERAL SYSTEM

	STRINGERS	FLOORBEAMS	SIDEWALK STRINGERS
DL	330,000	198,000	53,000
LL	165,000	222,600	100,000
IMP	230,000	601,000	
Total	725,000	1,021,600	183,000
	= 23 Mod	= 300 Mod	= 115 Mod

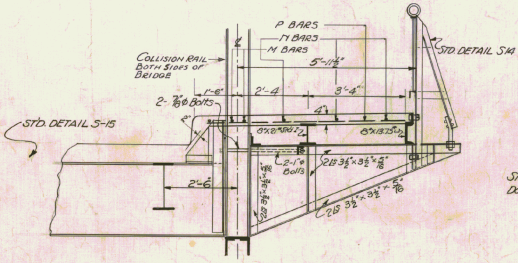
	STRINGERS	FLOORBEAMS
DL	70,000	270,000
LL	150,000	265,000
IMP	5,000	7,000
Total	225,000	602,000

NOTES

FLOOR DESIGNED FOR
 Dead Load - 6" concrete slab + 25" paving allowance.
 Sidewalk - 4" concrete slab
 Live Load - Roadway - 8-10 ton trucks, 13'-0" OAKES, 6'-0" of wheels, 85% of load on rear axles.
 Sidewalk - 80' Per 5g, F1
 Impact - 30% for Stringers, 2 1/4" for Floor Beams

TRUSS DESIGNED FOR
 Dead Load - Concrete Floor 1350' + Steel 1500' + Sidewalk 400' = 2850'
 Live Load - Roadway - 2-HIS Loading AASHTO Spec. 1926
 Sidewalk -
 Impact - I = $L \times 250$ where L = aggregate loaded length
 Rivers 25' Gussets 3/8"

REFERENCES
 Use the following typical details shown on sheet SB 1-1-51 and SB where A=1'-2", B=2'-9", C=4'-9", D=10'
 S10, S12, S14 without intermediate Posts. S15, S16, S18 & S21



TYPICAL SIDEWALK SECTION

Slope Sidewalk 1/8" per ft.
 Dip concrete slab 1/4" over stringers

STEEL SUPERSTRUCTURE
 100'-0" ctoC BEARING
 20' ROADWAY AND 1'-5" SIDEWALK
 2-HIS

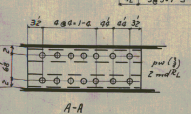
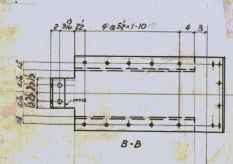
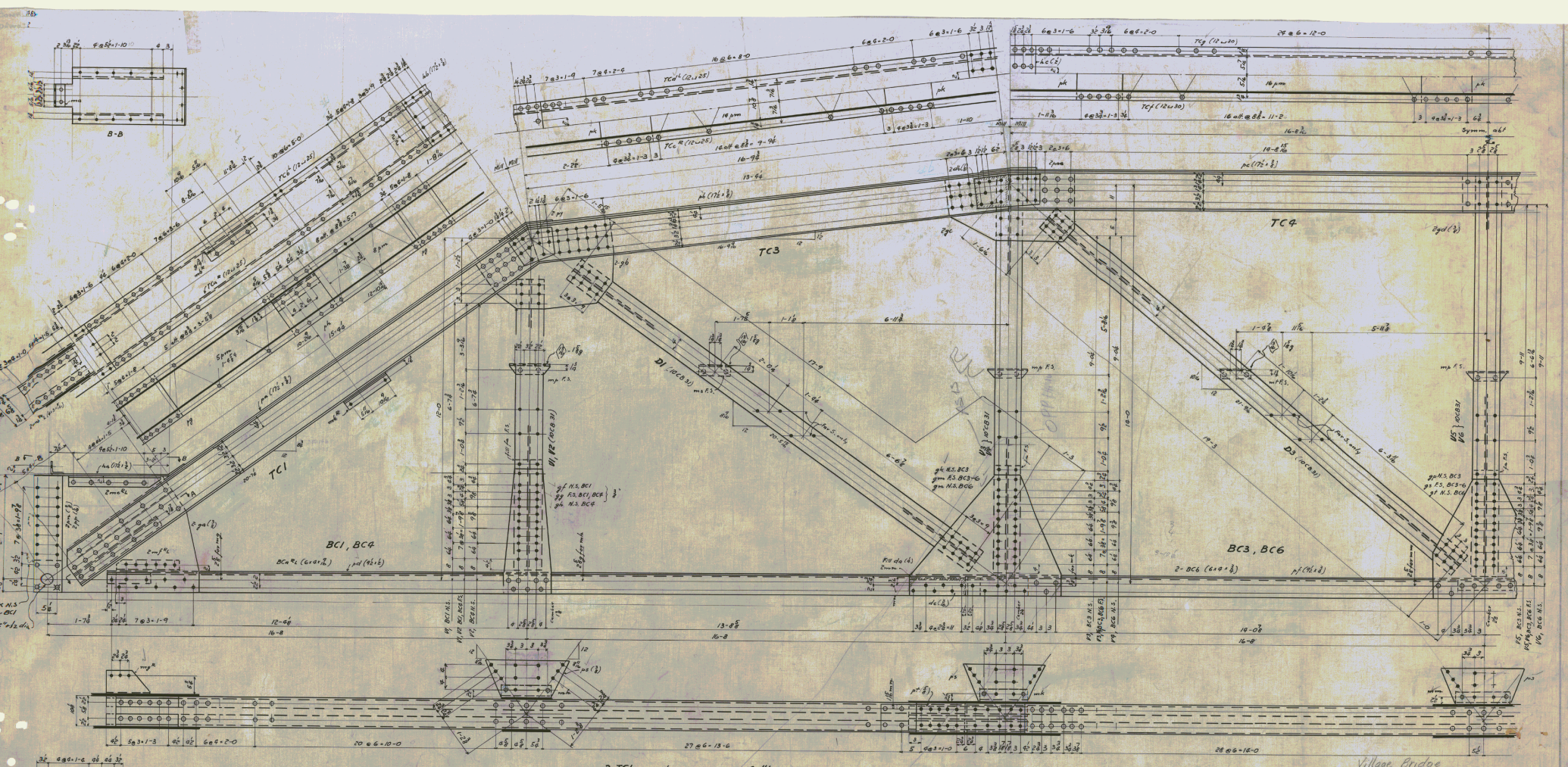
Approved

A. B. Sells
 BRIDGE ENGINEER

THIS SHEET USED FOR	ESTIMATED QUANTITIES (FOR ONE SPAN)
	STRUCTURAL STEEL 106,000#
	CONCRETE CLASS A 79 Cu Yd.
	REINFORCING STEEL 12,700 lbs

Surveyed by
 Designed by L. H. SHOEMAKER
 Drawn by C. L. D.
 Traced by C. L. D.
 Checked by M. R. Warduff
 Series 2220 No. 100 - 1-51 Rev. 7-57-67
 Sheet 3 of 8 Sheets

DISTRICT #3 BRIDGE FOR
 WILCOFF VILLAGE



- 2 TCI shown
- 2 TC2 app. N. TC1
- 4 TC3
- 2 TC4
- ONE BCI shown
- ONE BC2 app. N. TC1
- ONE BC4 shown
- ONE BC5 app. N. TC1
- ONE BC3 shown
- ONE BC6
- 2 W1
- 2 W2
- 2 W3
- 2 W4
- ONE W5
- ONE W6
- 2 D1 shown
- 2 D2 app. N. TC1
- 2 D3 shown
- 2 D4 app. N. TC1

100 C.C. Barring
20' Roadway

Village Bridge
5Ath & Bth over Lamaille River F.P.P. 53A

THE PALMER STEEL COMPANY

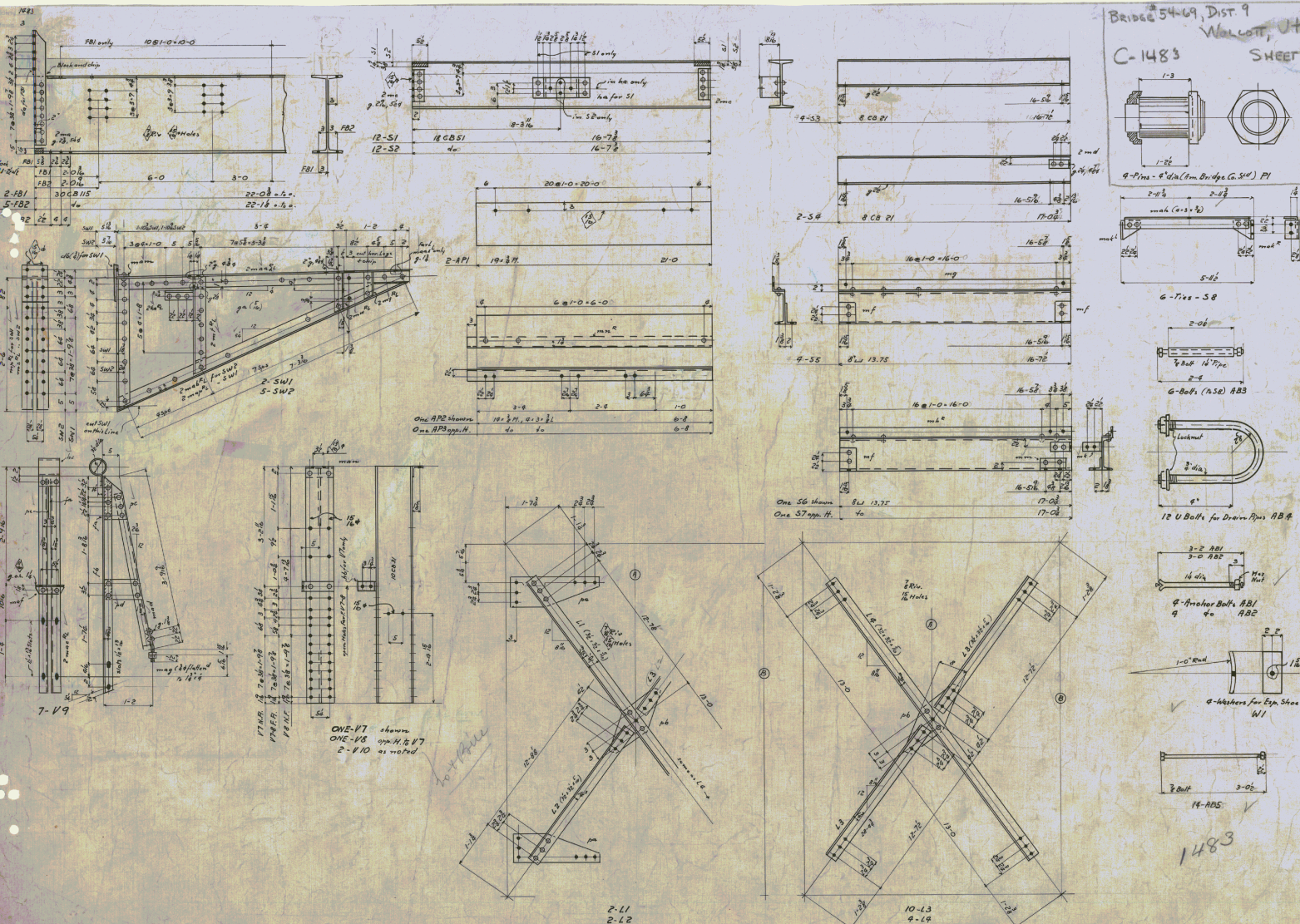
SPRINGFIELD, MASS.

DATE	PROJECT	NO.	REVISION

TITLE: Bridge Trusses CONT. NO. 1483 DRAWING NO. 2

JOB NO.: Bridge 5A-69, D.M.P. Location: Woburn, MA

DATE: 11-1-28 DRAWN BY: [Signature] CHECKED BY: [Signature] DATE: 6-11-28



BRIDGE 54-69, DIST. 9
WALCOTT, VT.
C-1483 SHEET 3

No.	Description	Unit	Max. Qty.	Length	Weight	Remarks
1	CB 30x100	ft	22	0	11	
2	L 8 x 12 x 1/2	lb	3	66	5	9.1
3	8 x 6	ft	1	55	3	
4	12 CB 12 x 51	ft	16	68	12	
5	12 L 8 x 12 x 1/2	lb	1	0	3	
6	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
7	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
8	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
9	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
10	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
11	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
12	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
13	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
14	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
15	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
16	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
17	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
18	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
19	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
20	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
21	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
22	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
23	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
24	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
25	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
26	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
27	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
28	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
29	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
30	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
31	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
32	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
33	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
34	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
35	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
36	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
37	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
38	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
39	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
40	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
41	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
42	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
43	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
44	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
45	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
46	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
47	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
48	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
49	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
50	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
51	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
52	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
53	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
54	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
55	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
56	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
57	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
58	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
59	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
60	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
61	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
62	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
63	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
64	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
65	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
66	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
67	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
68	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
69	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
70	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
71	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
72	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
73	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
74	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
75	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
76	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
77	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
78	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
79	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
80	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
81	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
82	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
83	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
84	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
85	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
86	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
87	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
88	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
89	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
90	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
91	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
92	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
93	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
94	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
95	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
96	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
97	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
98	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
99	12 L 6 x 12 x 1/2	lb	16	78	11	11.7
100	12 L 6 x 12 x 1/2	lb	16	78	11	11.7

1483

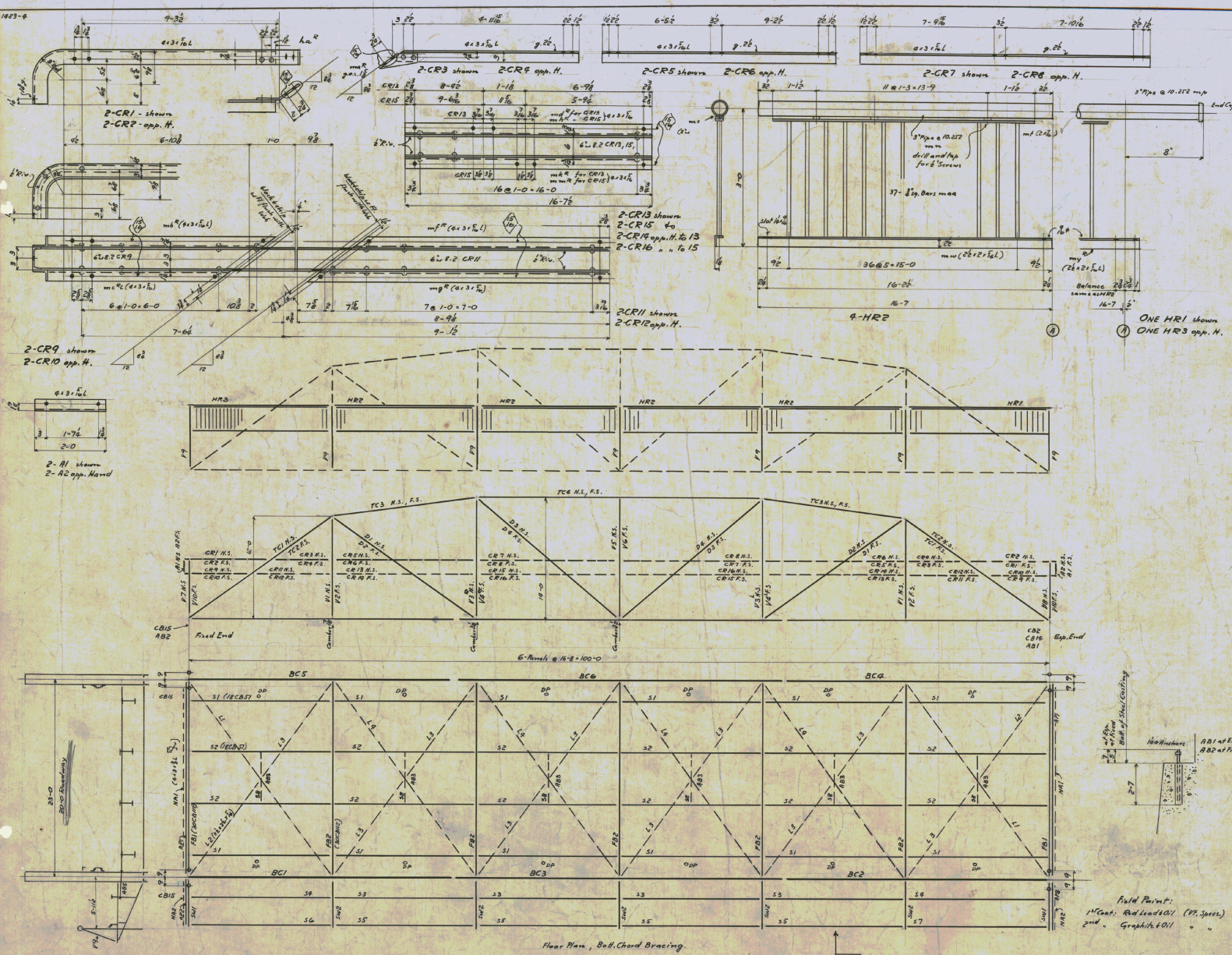
Village Bridge
Span 386 over Lamotte

THE PALMER STEEL COMPANY
SPRINGFIELD, MASS.

TITLE: Floor System, Drawing
Job Name: Bridge 54-69 Dist. 9
Date Made: 12
Drawn By: [Signature]
Checked By: [Signature]

CONT. NO. 1483
DRAWING NO. 3

383
56,874
282
388.56



MARK	NO.	MATERIAL	LENGTH FT. INCH.	REMARKS	PRODUCTION
					F C S
CR1	2	4x3 1/2"	11 1/2	cont. 7-2	1 16 9
CR2	2	4x4"	11 1/2	"	"
CR3	2	4x3 1/2"	5 8	"	"
CR4	2	4x4"	5 8	"	"
CR5	2	4x3 1/2"	10 1/2	"	"
CR6	2	4x4"	10 1/2	"	"
CR7	2	4x4"	16 7/8	"	"
CR8	2	4x4"	16 7/8	"	"
CR9	2	6x10 1/2"	9 1/2	cont. 2-2	1 17 5
CR10	2	4x4"	9 1/2	"	"
CR11	2	4x4"	8 1/2	"	"
CR12	2	4x4"	8 1/2	"	"
CR13	2	4x4"	16 7/8	"	"
CR14	2	4x4"	16 7/8	"	"
CR15	2	4x4"	16 7/8	"	"
CR16	2	4x4"	16 7/8	"	"
HR1	2	2 1/2"	2 1/2	cont. 7-2	1 16 9
HR2	2	2 1/2"	2 1/2	"	"
HR3	2	2 1/2"	2 1/2	"	"
TCN1	2	2 1/2"	16 0	"	1 23 0
TCN2	2	2 1/2"	16 0	"	"
TCN3	2	2 1/2"	16 0	"	"
TCN4	2	2 1/2"	16 0	"	"
TCN5	2	2 1/2"	16 0	"	"
DP	12	2 1/2" Dia. Rivets	3 10	"	1 16 9
CB1	2	Base Plates		Exp. SC 1	
CB2	2	Rowlers		"	
CB3	2	Anchor Bolts		"	
Field Rivets and Turn Bolts					
100	7/8"	4 1/2			1 01 101
24	"	3 1/2			58 21
180	"	3 1/2			79 127
180	"	3 1/2			77 139
50	"	2 1/2			73 39
360	"	2 1/2			62 331
480	"	2 1/2			69 331
240	"	2 1/2			42 533
180	"	2 1/2			43 533
24	"	2 1/2			60 15
50	3/4"	2 1/2			4 22
110	"	2			5 45
50	7/8"	3			1 17 59
60	"	2			1 01 61
20	"	2 1/2			1 09 22
36	3/4"	2 1/2	with 5" Washers		31 26
20	"	2			80 16
20	"	2			67 14
					208
					18 535
					23
					16 718

ALL SHAPES
 SAE 36 over Lamoille River
 Erection Diagram, Rivets
 Bridge 58-69 Dist. 9 Wolcott - Vt.
 100-0 Span, 20-0 Roadway, Sidewalk
 Village Bridge
THE PALMER STEEL COMPANY.
 INCORPORATED
 SPRINGFIELD, MASS.
 RIVETS: $\frac{3}{8}$ " - Unthreaded
 HOLES: $\frac{1}{2}$ " - Unthreaded
 EDGE DIST.: 2"
 FIELD PAINT:
 1st Coat: Red Lead 401 (1st Space)
 2nd: Graphite 401 " "
 SCALE: DRAWN: *epk*
 PAINT: Red Lead 401 (1st Space)
 DATE: 6/9-28
 APPROVED:
 SHEET 4
 1923