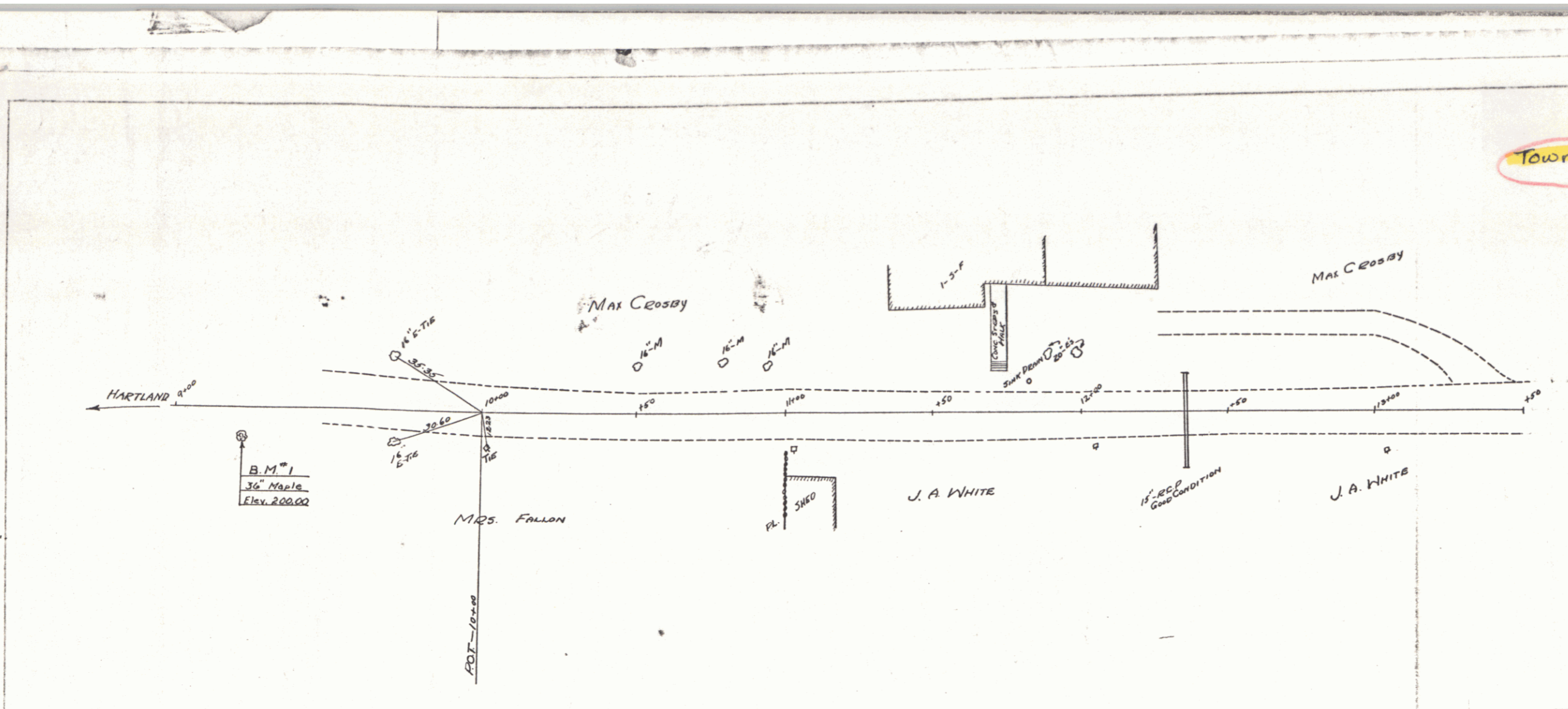


PLAN
 DATE: 12/25
 W.H.D. & H.W.S.
 9/25/12/25



Town of Hartland
 Pin # 99R925

Proj # PWA 1020-E
 01/01/1936

Br # 3
 MP 1.295-1.541
 RIGHT-OF-WAY DIVISION
 TOWN FILE
 PERPETUAL
 Town of UT 12
 (To Be Returned To R.O.W. Division)

PROJECT	Hartland
NUMBER	PWA-1020-E
DATE	11/36
CONTRACTOR	Hartland & Company
LOCATION	Rt # 12
YEAR	1936

210
 200
 190
 180

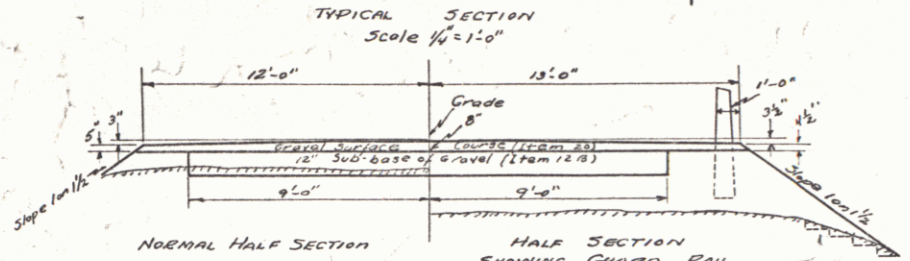
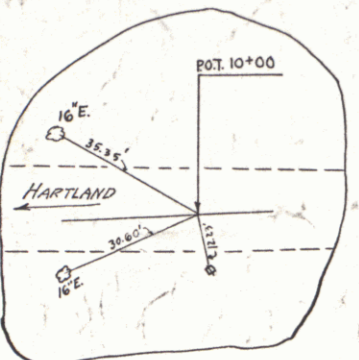
1208
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 1968
 1961
 1955
 1950
 1945
 1932
 1923

B.M. # 1 Spike in root 36" Maple 16' At Sta. 9+25 Elev. 200.00

SHEET 1

DIST. # 4 PLANS

CABLE GUARD RAIL
 STA 14+89 TO 15+05 RT. 4LT. = 32 L.F.
 GARAGE = 138 "
 STA 15+24 TO 15+98 RT. 4LT. = 48 "
 TOTAL 218 L.F.
 ANCHORS FOR GUARD RAIL = 4



TYPE	PRESENT BRIDGE	NEW BRIDGE
Span/Truss/How/Feet	15' x 15'	15' x 15'
CLEAR SPAN	23.5'	65'
" ROADWAY	15.6'	20'
" HEIGHT	11.5'	9.5'
LETH OVERALL	34.5'	69'
WAYWAY	293	487

REVISED CURVE
 $\Delta = 23^\circ - 40' - 40''$
 $D = 7'$
 $R = 819.0$
 $T = 171.6$
 $L = 338.1$
 $E = 17.8$

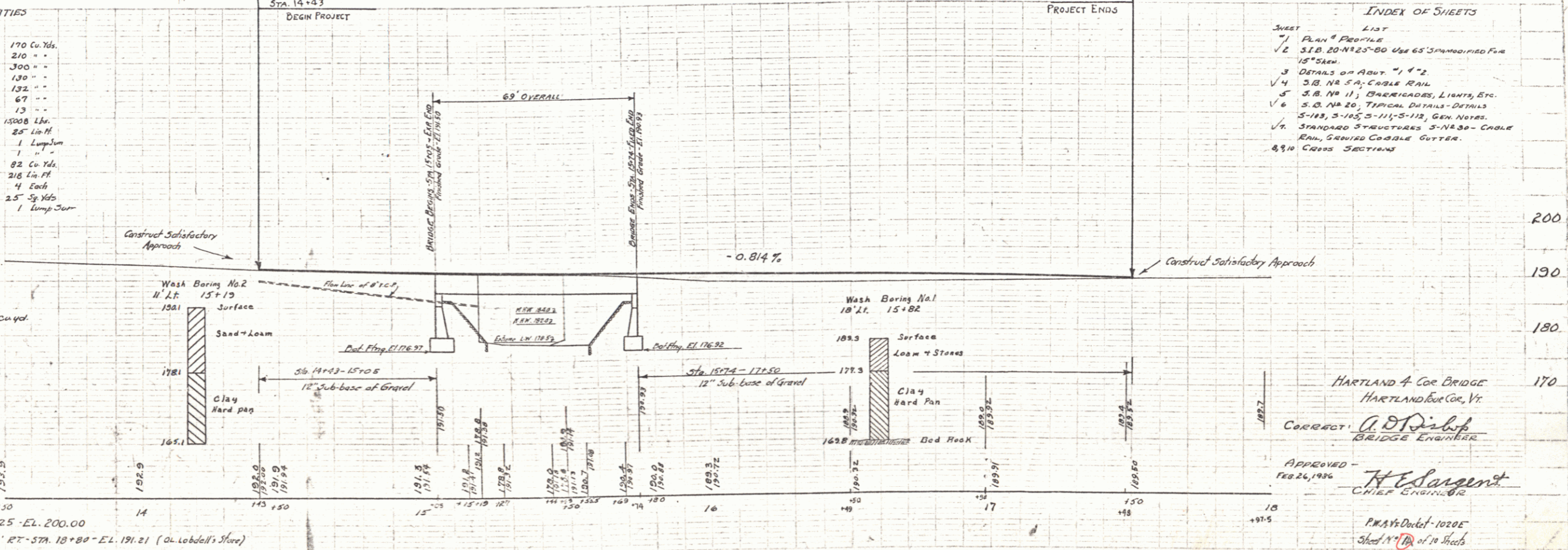
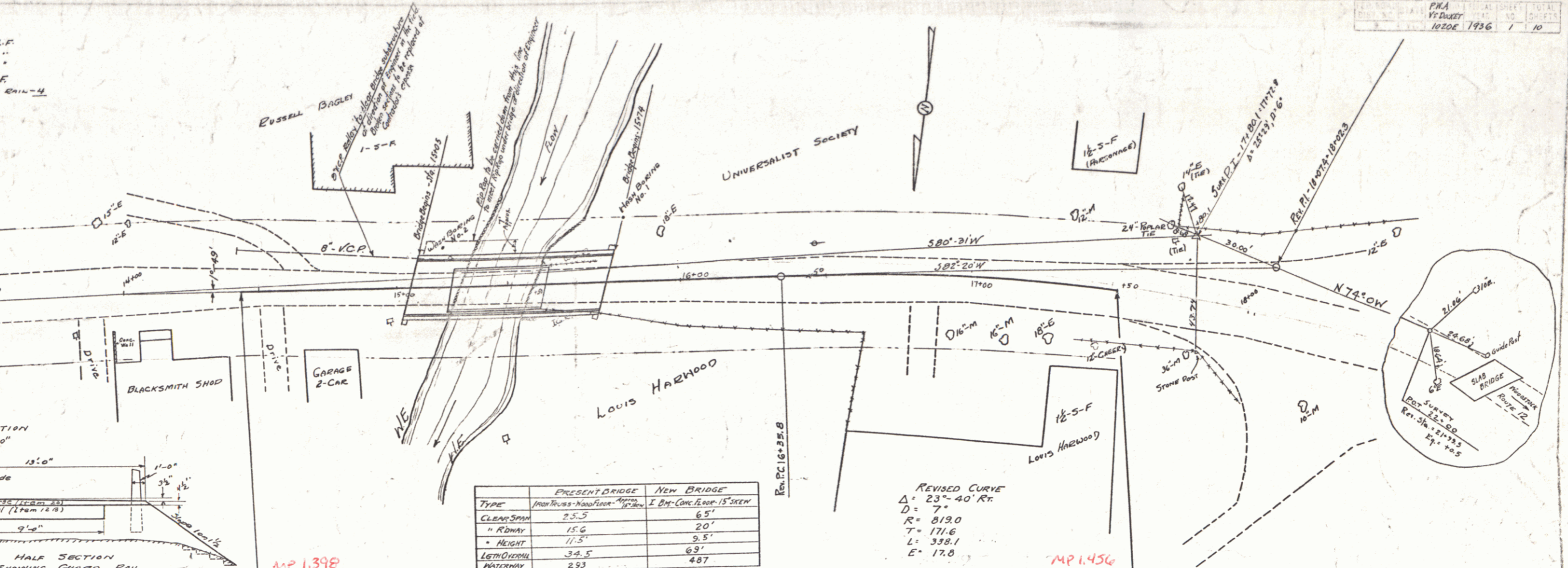
SUMMARY OF QUANTITIES

No	ITEMS	QUANTITY
18-11	Common Excav. Incl. Burrow	170 Cu. Yds.
18-13	Sub-base of Gravel	210 "
19	Channel Excav.	300 "
17	Struct. Excav.	130 "
20	Gravel Surf. Course	132 "
33-A	Conc. Class 78"	67 "
33-B	Conc. Class 78"	13 "
34	Reinf. Steel	15000 Lbs.
51	Relaying Pipe Culverts	25 Lm. Ft.
55	Temporary Bridge	1 Lump Sum
55-A	Removal Temporary Br. Etc.	1 "
63	2 1/2" Pipe for Bank Prot.	82 Cu. Yds.
64	Cable Guard Rail	316 Lm. Ft.
65	Anchor	4 Each
74	Grouted Curb Gutter	25" Sq. Yds.
36	Steel Superstructure (67,417')	1 Lump Sum

SURFACE COURSE

14+43	to 14+89 = 46 x 14.3" = 651.00
14+89	to 15+05 = 16 x 18.1" = 289.76
15+05	to 15+24 = 19 x 18.1" = 343.99
15+24	to 15+98 = 24 x 18.1" = 434.64
15+98	to 17+50 = 152 x 14.3" = 2173.16
	3353.54' = 132 Cu. Yds.

B. 1" - 1" SPIRE IN ROOT - 36" MAPLE - 16' RT. STA. 9+25 - EL. 200.00
 B. 2" - TOP CONCRETE FOUNDATION OF SPIRE - 70' RT. STA. 18+89 - EL. 191.81 (O.L. Lobdell's Store)



INDEX OF SHEETS

SHEET	LIST
1	PLAN & PROFILE
2	312 20' x 25' - 50' USE 65' STANDARD FOR 12' SPAN
3	DETAILS ON ABUT. "1" & "2"
4	312 NR 5-A, CABLE RAIL
5	312 NR 11, OVERHEADS, LIGHTS, ETC.
6	312 NR 20, TYPICAL DETAILS - DETAILS
7	5-113, 5-115, 5-111, 5-112, GEN. NOTES
8	STANDARD STRUCTURES 5-NR 30 - CABLE RAIL, GRADED CABLE CUTTER
9	8-911 CROSS SECTIONS

HARTLAND & COE BRIDGE
 HARTLAND & COE, VT.
 CORRECT: A.D. Sargent
 BRIDGE ENGINEER
 APPROVED -
 FEB 24, 1936
 H. Sargent
 CHIEF ENGINEER
 P.M.A. & Docket 1020E
 Sheet No. 7 of 10 sheets

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