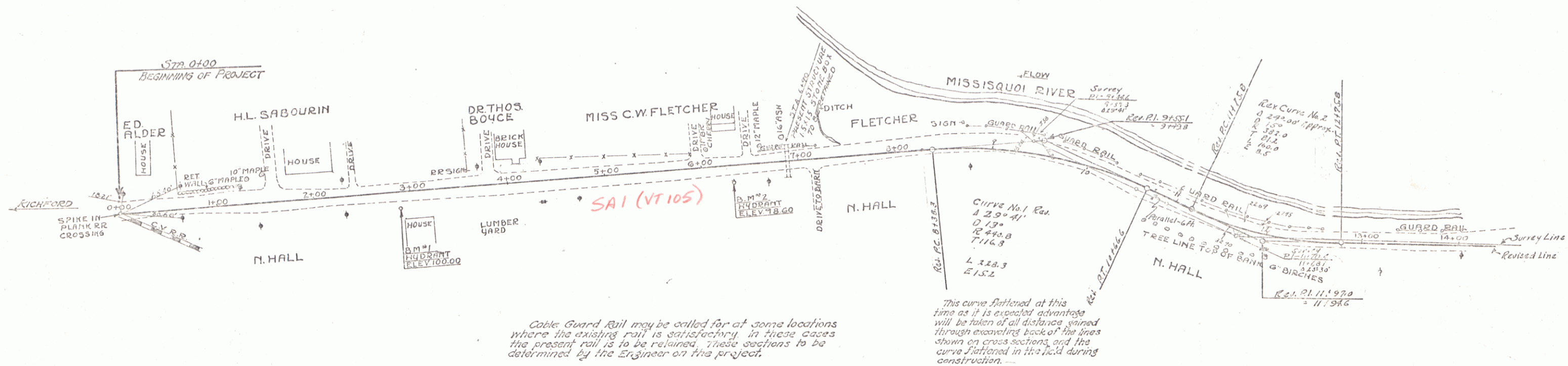
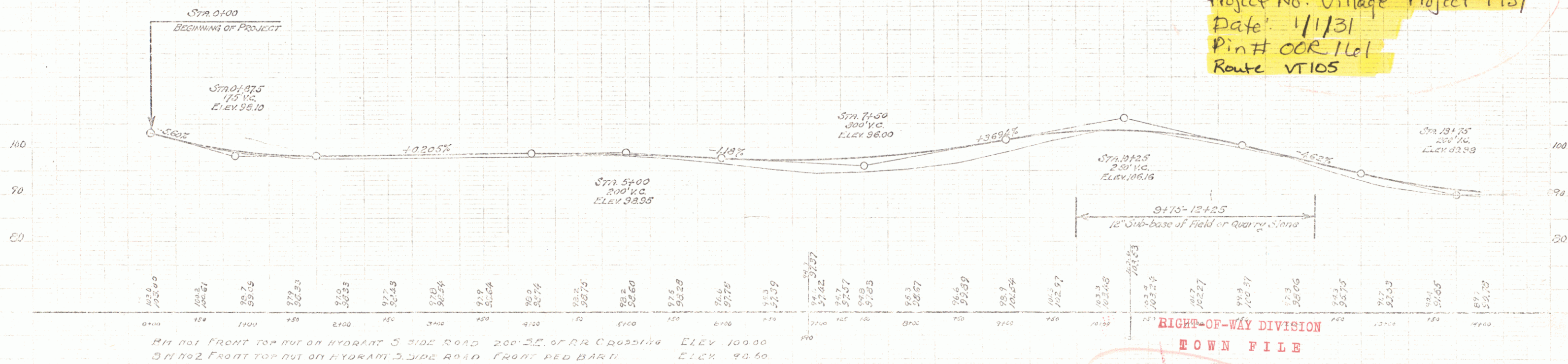


CABLE GUARD RAIL REQUIRED		
Sta.	Left	Length
2+00-14+00	Left	500 lin. ft.



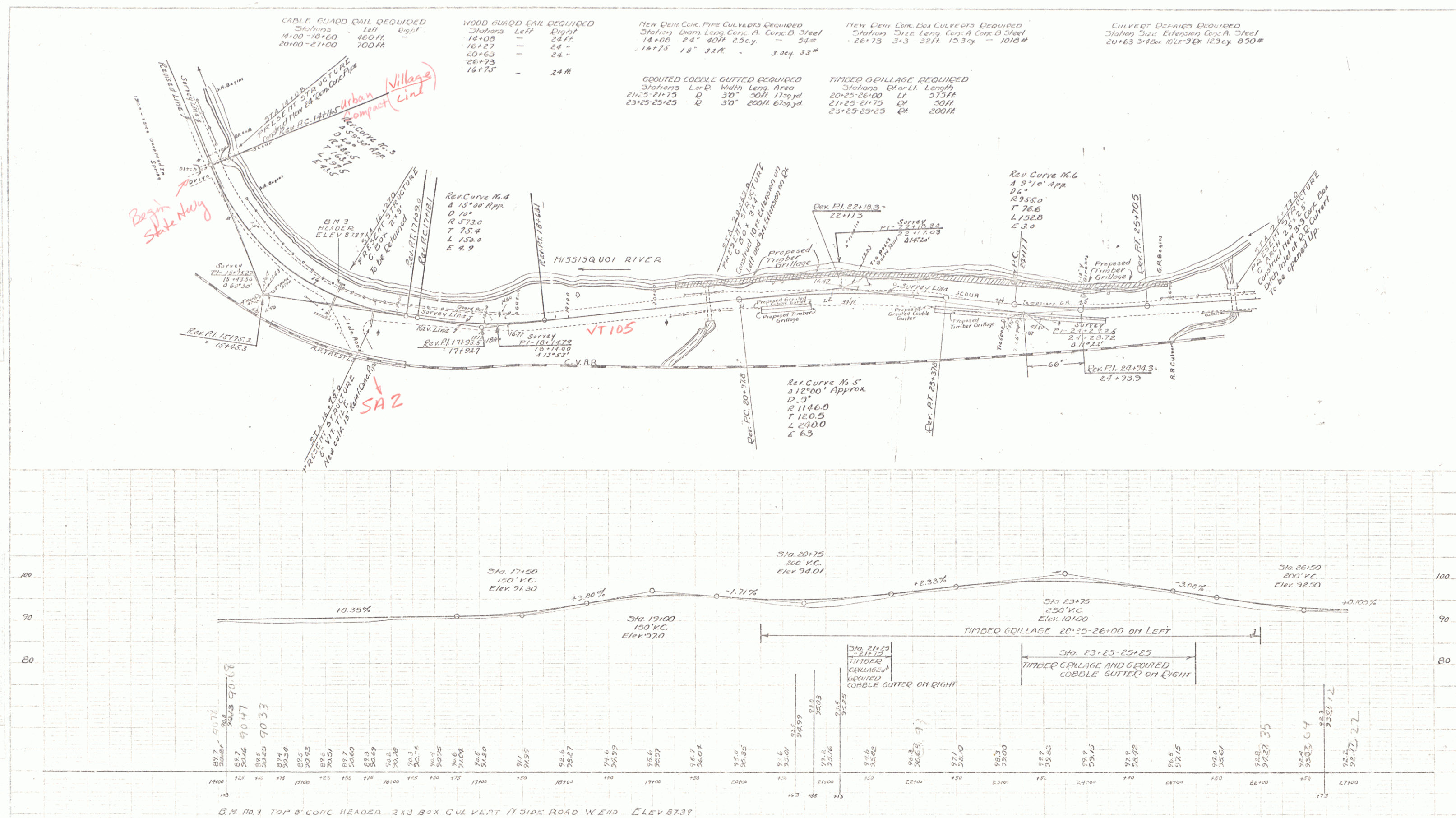
MP 2.273-3.694

Town: Richford
Project No. Village Project 1931
Date: 1/1/31
Pin # 00R 161
Route VT105



RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
Rte
Town of VT 105
(To Be Returned To R.O.W. Division)
STUART R. JENKINS

RICHFORD
SHEET 1



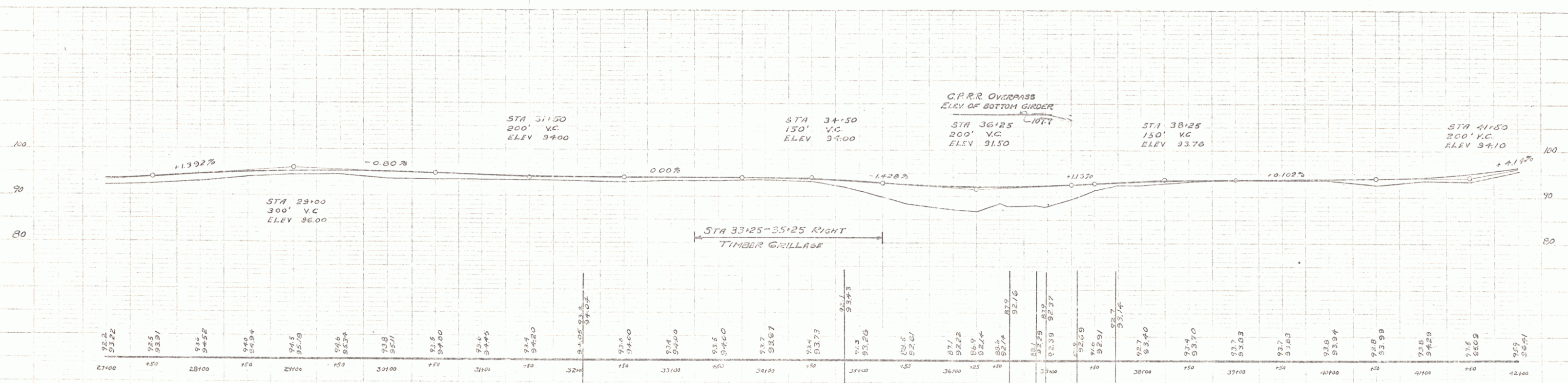
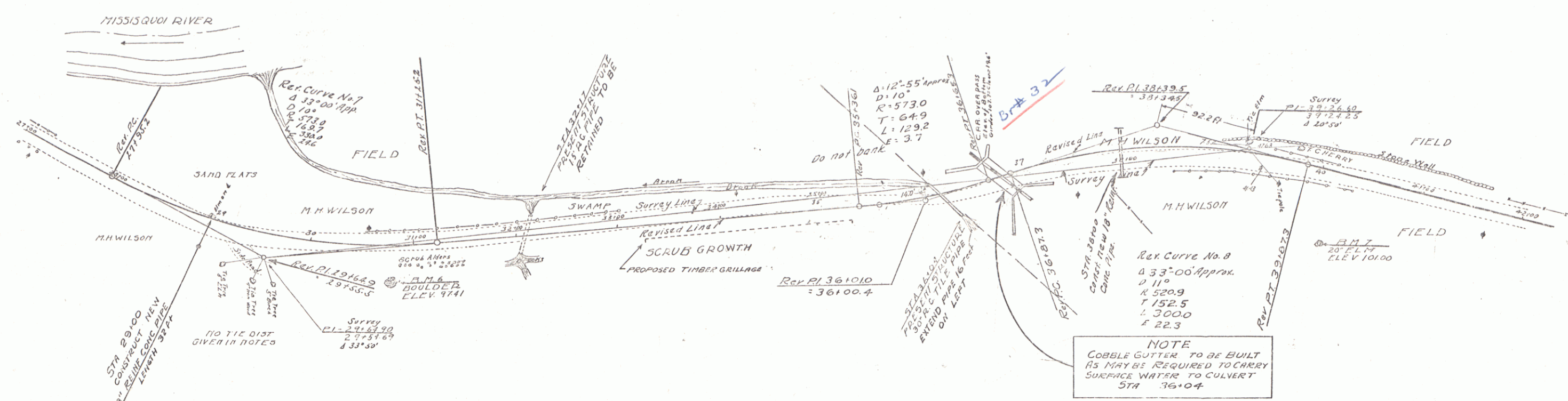
RICHFORD
SHEET 2

CABLE GUARD RAIL REQUIRED
 STA 27+00 - 27+52 ON LEFT 52 ft. Long.
 STA 37+22 - 40+50 ON LEFT 328 ft. Long.

WOOD GUARD RAIL REQUIRED
 CULVERT STA 29+00 24" H. L. H. 24" R. I. R. H.
 CULVERT STA 32+17 24" H. L. H. 24" R. I. R. H.
 CULVERT STA 36+04 24" H. L. H. 24" R. I. R. H.
 STA 38+00 24" H. L. H. 24" R. I. R. H.

NEW CULVERTS REQUIRED
 STA 29+00 18" REIN. CONC. PIPE Length 32 ft.
 CONC. CLASS B 30 cy.
 STEEL 330 lbs.
 STA 39+00 18" R.C. PIPE, 48 ft. Long.
 CONC. CLASS B, 3.0 cy.
 Steel 334

CULVERT REPAIRS REQUIRED
 STA 36+04 30" REIN. CONC. PIPE Length 16 ft.
 CONC. CLASS A 18 cy.
 STEEL 29 lbs.



BM No 6 TOP OF 4 STONE SIDE ROAD 30' OPPOSITE TEL. POLE ELEV 97.41
 BM No 7 SPIKE IN BASE 20' ELN 5 SIDE ROAD 80' OFF ELEV 101.00

RICHFORD
 SHEET 3

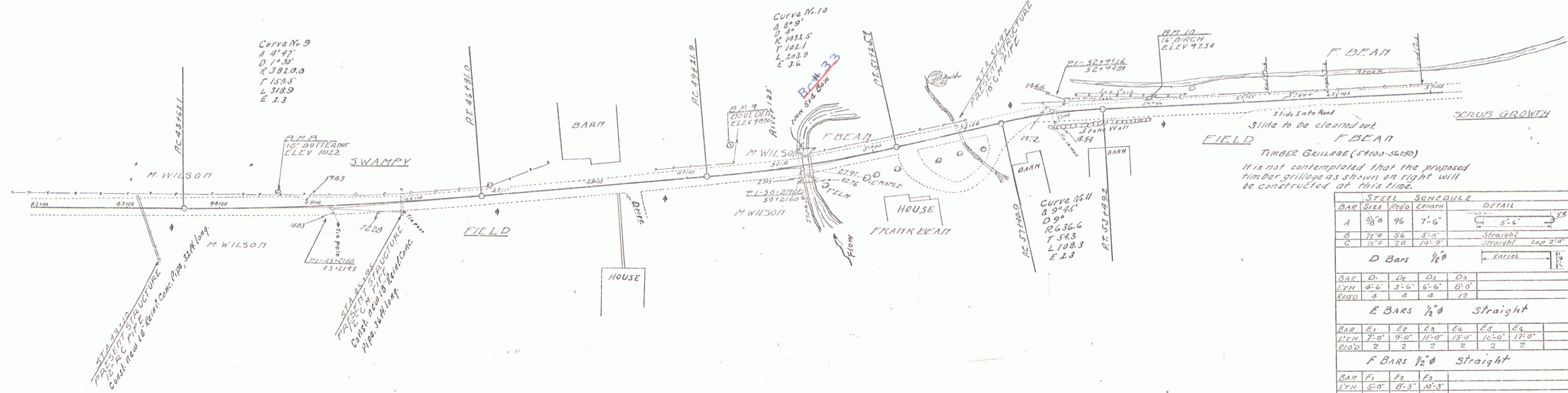
CABLE GUARD RAIL REQUIRED
Stations Left
43100-45124 114 ft
45100-57100 400 ft

WOOD GUARD RAIL REQUIRED
Culvert Sta Left Right
43110 24 ft 24 ft
45195 24 ft

NEW CONC PIPE CULVERTS REQUIRED
Station Diam Leng Conc S. Steel
43110 18" 32 3.0 cu yds 52"
45195 18" 36 3.0 " 53"

TIMBER GRILLAGE REQUIRED
Stations Right Left
51100-55150 150 ft

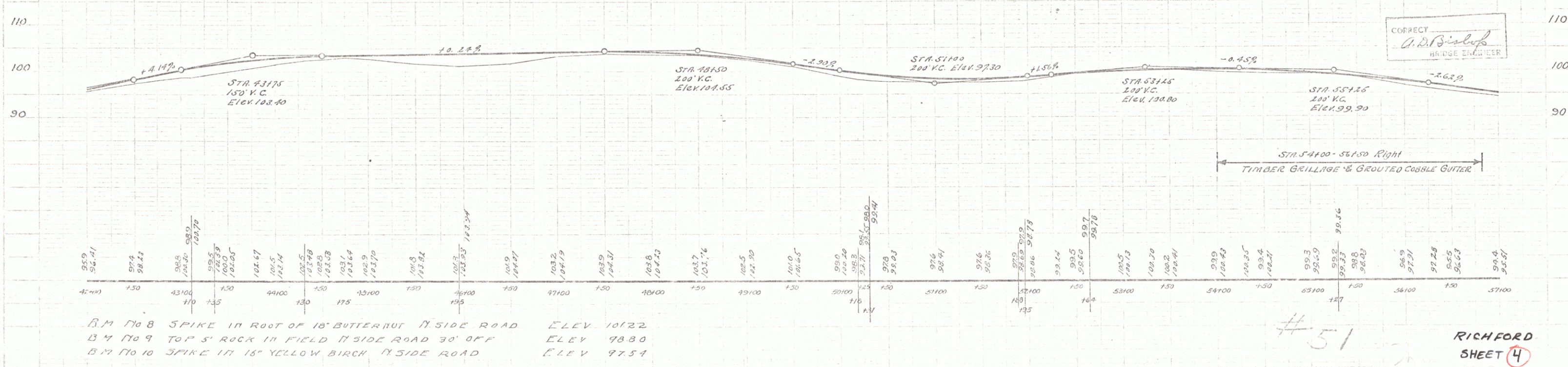
GROUTED COBBLE BUTTER REQUIRED
Stations Side Area Width
54100-56150 10 ft 83 sq yds 4.0 ft



SHEETS TO BE USED FOR CULVERT
SHEET NO 1 PLAN & PROFILE
" 2 SC NO 1 - 54 CONCRETE BOX CULVERT (MADE BY STANDARD FOR 4' HEIGHT)
" 3 CROSS SECTIONS

ESTIMATED QUANTITIES FOR CULVERT
CONCRETE CLASS A 22 CU YD.
ROOF STEEL 1660 LBS.
STRUCT. EXCAV. 20 CU YD.
CABLE RAIL (40' 4 ANCHORS) = 120 LIN FT

STEEL SCHEDULE		DETAIL	
BAR	SIZE	REQD	LENGTH
A	3/8"	96	7'-6"
B	1/2"	56	5'-0"
C	1/2"	28	10'-0"
D Bars 1/2"			
BAR	D1	D2	D3
LYN	4'-6"	3'-6"	6'-6"
REQD	4	4	12
E Bars 1/2" Straight			
BAR	E1	E2	E3
LYN	7'-0"	9'-0"	11'-0"
REQD	2	2	2
F Bars 1/2" Straight			
BAR	F1	F2	F3
LYN	5'-0"	8'-3"	10'-3"
REQD	4	4	8
G Bars 1/2" Varies			
BAR	G1	G2	G3
LYN	4'-0"	4'-6"	5'-0"
REQD	2	2	2



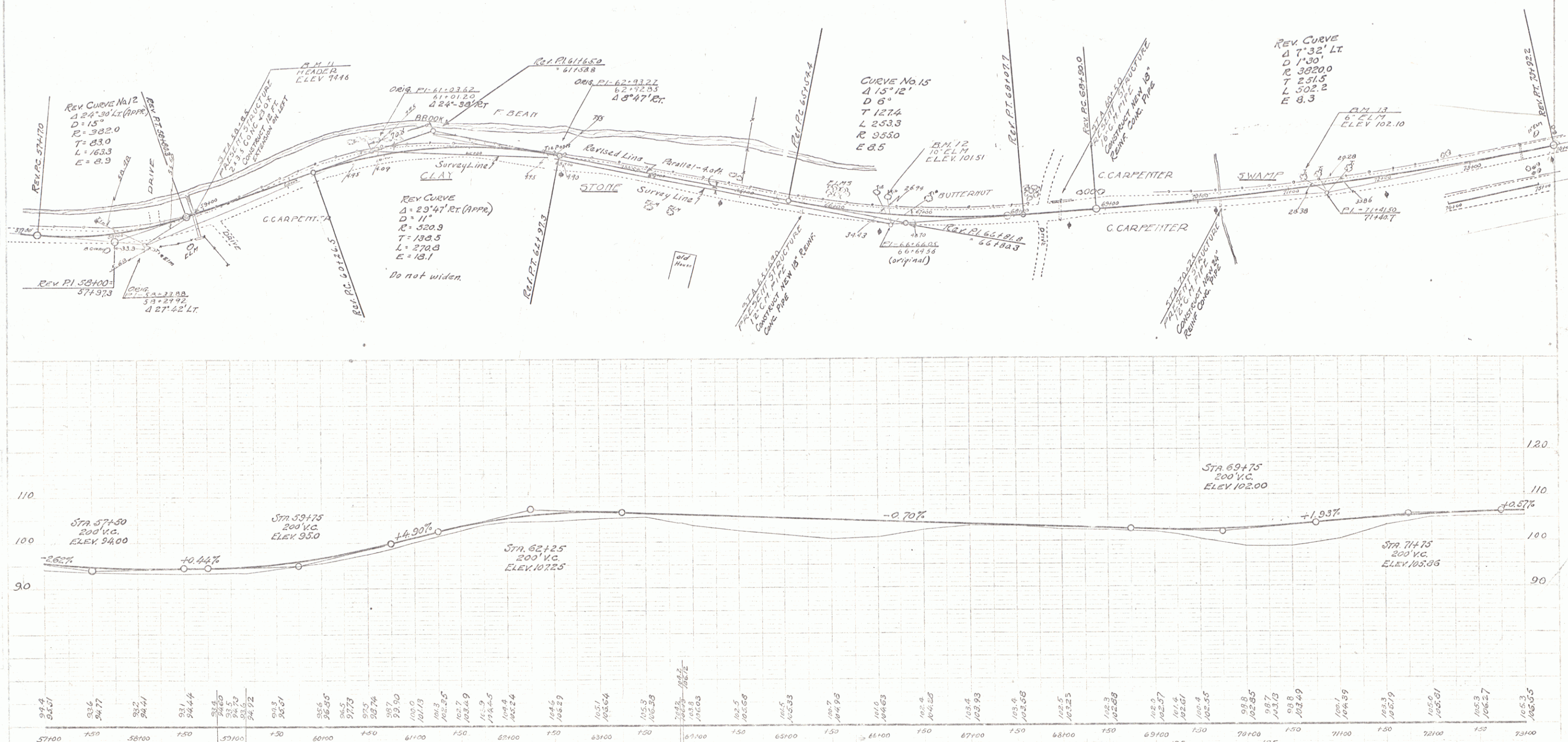
B.M. No 8 SPIKE IN ROOT OF 18" BUTTERNUT N SIDE ROAD ELEV 10122
B.M. No 9 TOP S. ROCK IN FIELD N SIDE ROAD 30' OFF ELEV 9880
B.M. No 10 SPIKE IN 16" YELLOW BIRCH N SIDE ROAD ELEV 9754

CORRECT
J. D. Bishop
BRIDGE ENGINEER

#51
RICHFORD
SHEET 4

CULVERT REPAIRS REQUIRED

58+85	2'x3.5'	12ft.	Conc. A. 8.8 c.y.	Steel 345#
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B.M. NO. 11 TOP 6" CONC. HEADER 35x12 BOX N. SIDE ROAD	ELEV 94.46
B.M. NO. 12 SPIKE 10' ELM N. SIDE ROAD 20' OFF OPPOSITE TEL. POLE	ELEV 101.51
B.M. NO. 13 SPIKE IN BUTT OF 6" ELM BY 9' ELM N. SIDE ROAD	ELEV 102.10

RICHFORD
SHEET 5