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FED. ROAD DIST. NO.	STATE	STATE PROJ. NO.	TOTAL SHEET NO.	TOTAL SHEETS
9	VT.	159-N	1	34

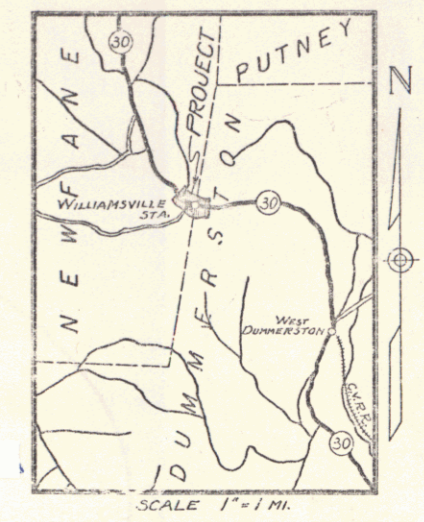
STATE OF VERMONT
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

TOWNS OF DUMMERSTON-NEWFANE

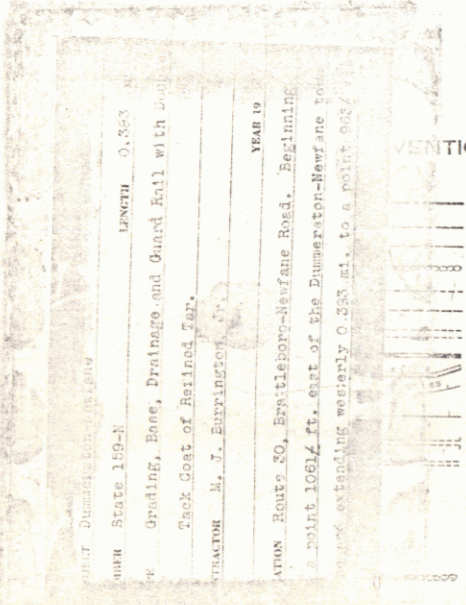
VT ROUTE 30, BRATTLEBORO-NEWFANE ROAD

Pin # 00R347
Project: ST 159N



BEGINNING AT A POINT 1061± FT. EAST OF THE DUMMERSTON-NEWFANE TOWN LINE AND EXTENDING WESTERLY 0.383 MI. TO A POINT 963± FT. WEST OF THE DUMMERSTON-NEWFANE TOWN LINE

LENGTH EXCL. BRIDGE	1733.3 FT. = 0.328 MI.
LENGTH OF BRIDGE	291.0 FT. = 0.055 MI.
LENGTH INCL. BRIDGE	2024.3 FT. = 0.383 MI.



VERTICAL SIGNS

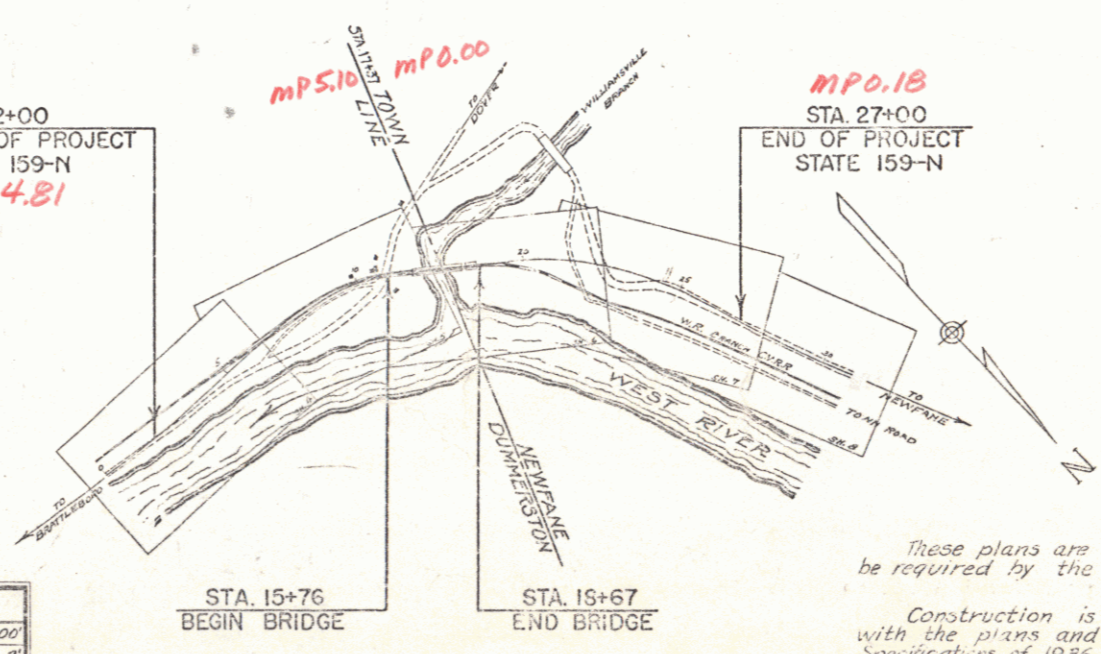
GROUND ELEVATION	DATUM	LINE
GRADE ELEVATION	DATUM	LINE

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.

SCALES

TITLE	1" = 300'
TYPICAL	1" = 2'
PLAN	1" = 20'
PROFILE	HORIZ. 1" = 20'
	VERT. 1" = 10'
CROSS SECTION	1" = 5'



These plans are subject to such revisions as may be required by the Commissioner of Highways.

Construction is to be carried on in accordance with the plans and Standard Road and Bridge Specifications of 1936, as approved December 23, 1936 by the Bureau of Public Roads, including all subsequent approved revisions and such revised specifications and special provisions as are submitted with the plans.

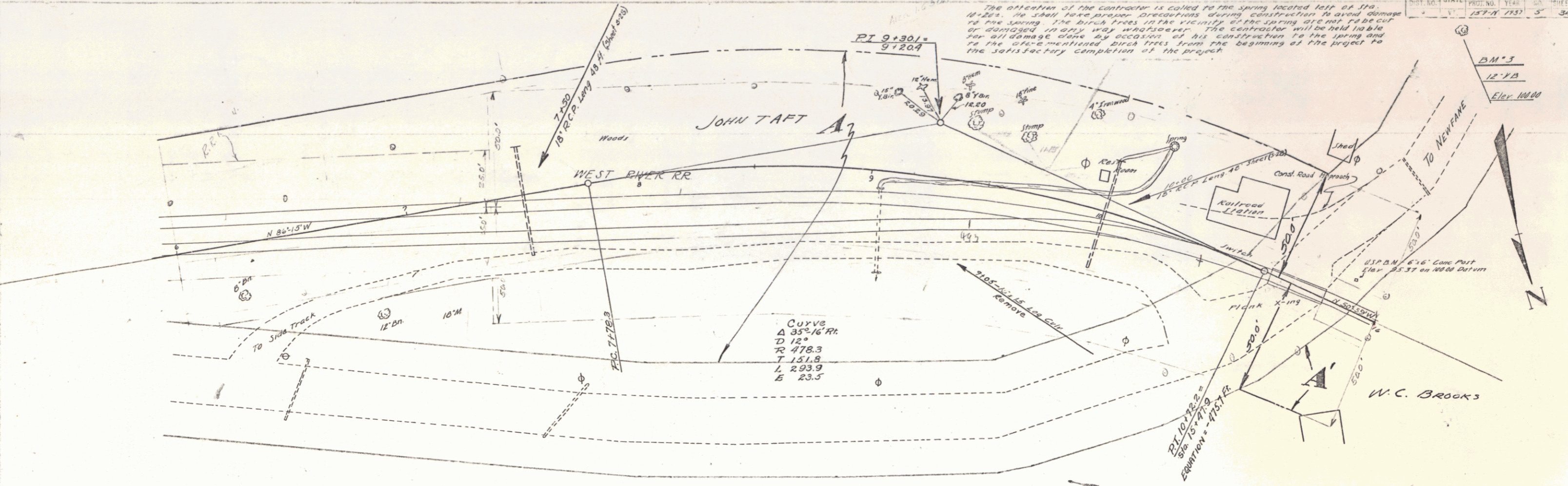
APPROVED: July 15, 1937
Commissioner of Highways

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

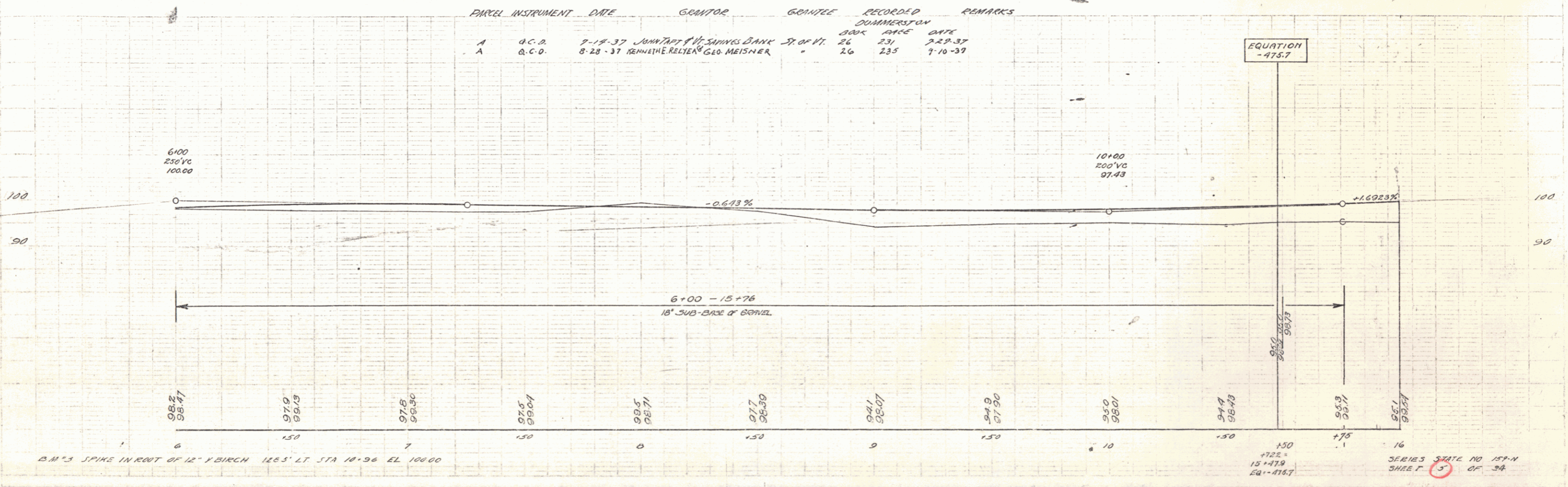
APPROVED: July 15, 1937
DISTRICT COMMISSIONER
CORRECTED: July 2, 1937
DISTRICT ENGINEER
SERIES 159-N
SHEET 1

STEARNS R. JENKINS

The attention of the contractor is called to the spring located left of Sta. 14+25. No shall have previous observations during construction to avoid damage to the spring. The birch trees in the vicinity of the spring are not to be cut or damaged in any way whatsoever. The contractor will be held liable for all damage done by occasion of his construction to the spring and to the above-mentioned birch trees from the beginning of the project to the satisfactory completion of the project.

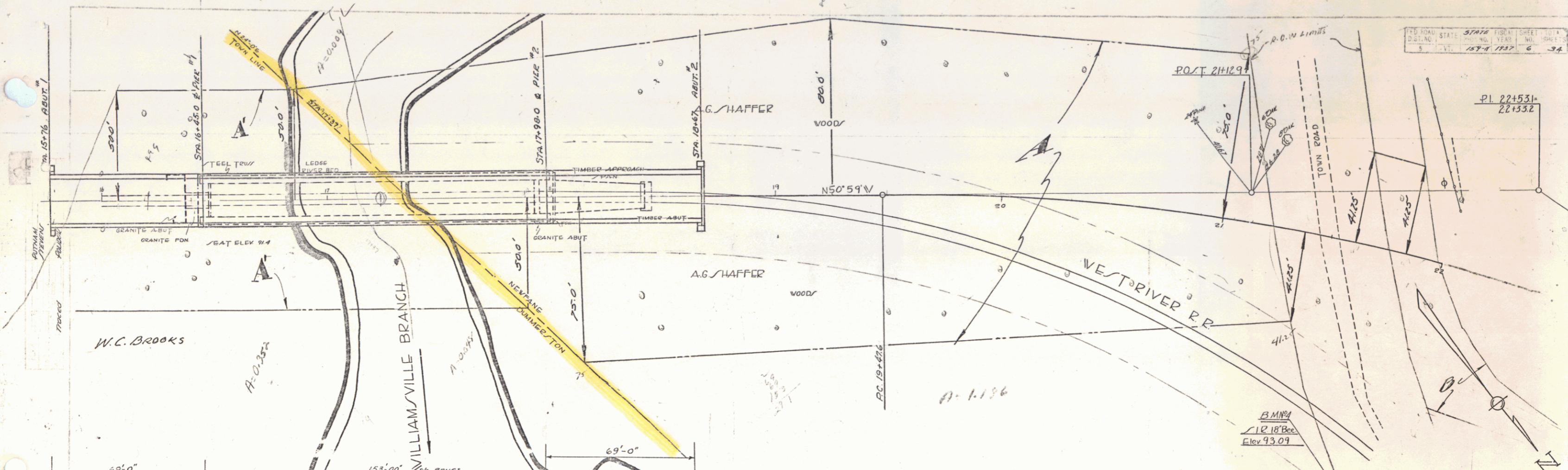


PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	BOOK	PAGE	DATE	REMARKS
A	O.C.O.	7-17-37	JOHN TAFT & W. SHANNES BANK	ST. OF N.Y.	26	231	2-29-37		
A	O.C.O.	8-28-37	REINHOLD REITEN & GEO. MEISNER	"	26	235	7-10-37		



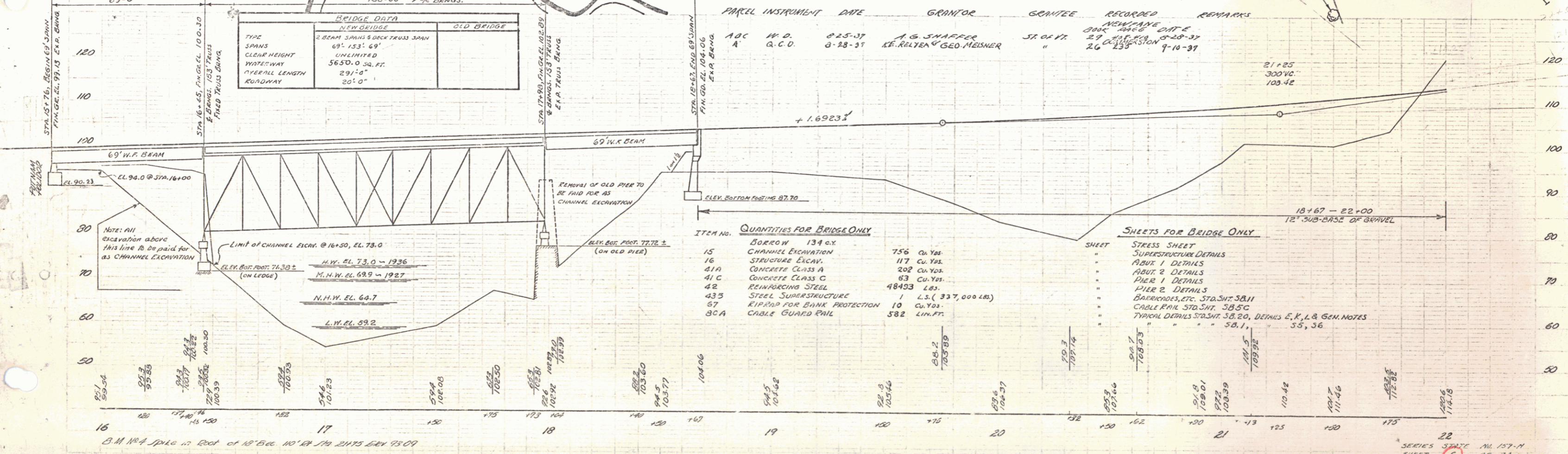
B.M.'S SPIKE IN ROOT OF 12" Y BIRCH 126.5' LT. STA 10+96 EL 100.00

SERIES STATE NO 157-N
 SHEET 5 OF 3A



BRIDGE DATA		
	NEW BRIDGE	OLD BRIDGE
TYPE	2 BEAM SPANS & DECK TRUSS SPAN	
SPANS	69'-153'-69'	
CLEAR HEIGHT	UNLIMITED	
WATERWAY	5650.0 SQ. FT.	
OVERALL LENGTH	291'-0"	
ROADWAY	20'-0"	

PARCEL INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
100	8-25-37	A.G. SHAFFER	ST. OF VT.	29	NEW BRIDGE
A	8-28-37	K. RILTON & GEO. MEISNER	"	26	STATION 9-10-37

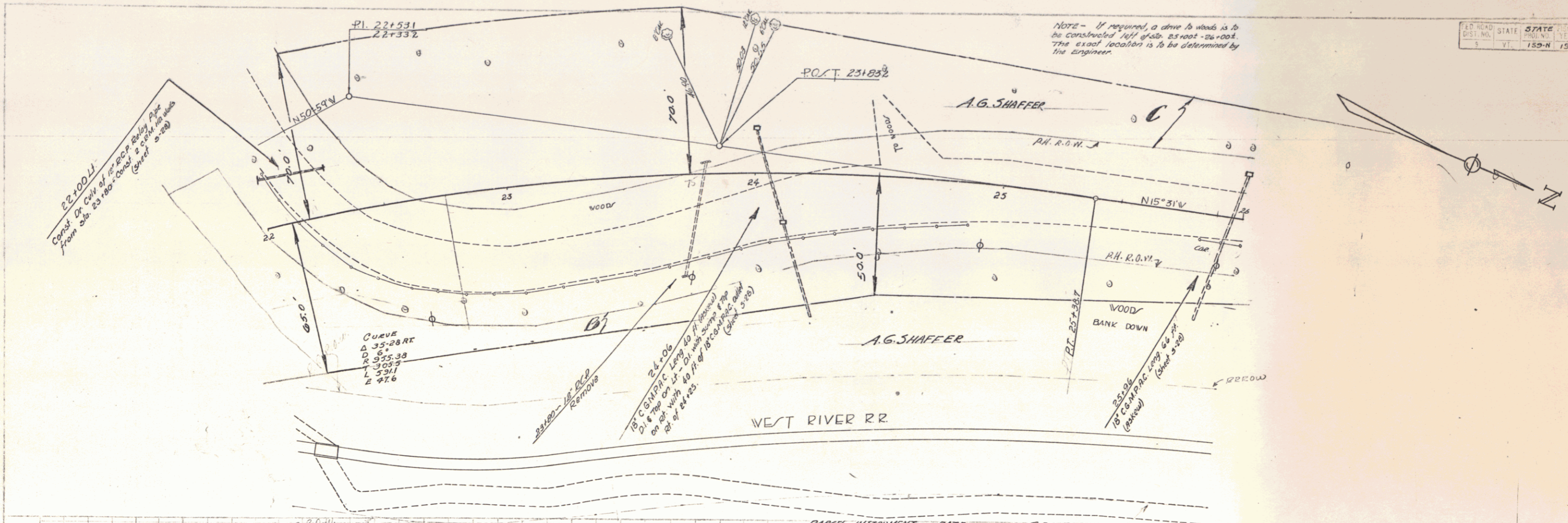


ITEM NO.	QUANTITIES FOR BRIDGE ONLY
15	BORROW 134 cu. Yds.
16	CHANNEL EXCAVATION 756 cu. Yds.
17	STRUCTURE EXCAV. 117 cu. Yds.
41A	CONCRETE CLASS A 202 cu. Yds.
41C	CONCRETE CLASS C 83 cu. Yds.
42	REINFORCING STEEL 48493 LBS.
43	STEEL SUPERSTRUCTURE 1 L.S. (337,000 LBS.)
67	RIP RAP FOR BANK PROTECTION 10 cu. Yds.
80A	CABLE GUARD RAIL 582 LIN. FT.

SHEET	SHEETS FOR BRIDGE ONLY
1	STRESS SHEET
2	SUBSTRUCTURE DETAILS
3	ABUT. 1 DETAILS
4	ABUT. 2 DETAILS
5	PIER 1 DETAILS
6	PIER 2 DETAILS
7	BARRIERS, ETC. STA. SHT. SB.11
8	CABLE RAIL STA. SHT. SB.5C
9	TYPICAL DETAILS STA. SHT. SB.1, SB.11, SB.12, SB.13, SB.14, SB.15, SB.16, SB.17, SB.18, SB.19, SB.20, SB.21, SB.22, SB.23, SB.24, SB.25, SB.26, SB.27, SB.28, SB.29, SB.30, SB.31, SB.32, SB.33, SB.34, SB.35, SB.36

B.M. No. 4 pile in foot of 18" box 10' x 14' 1/2" 24125 GEN 7509

SHEET 6



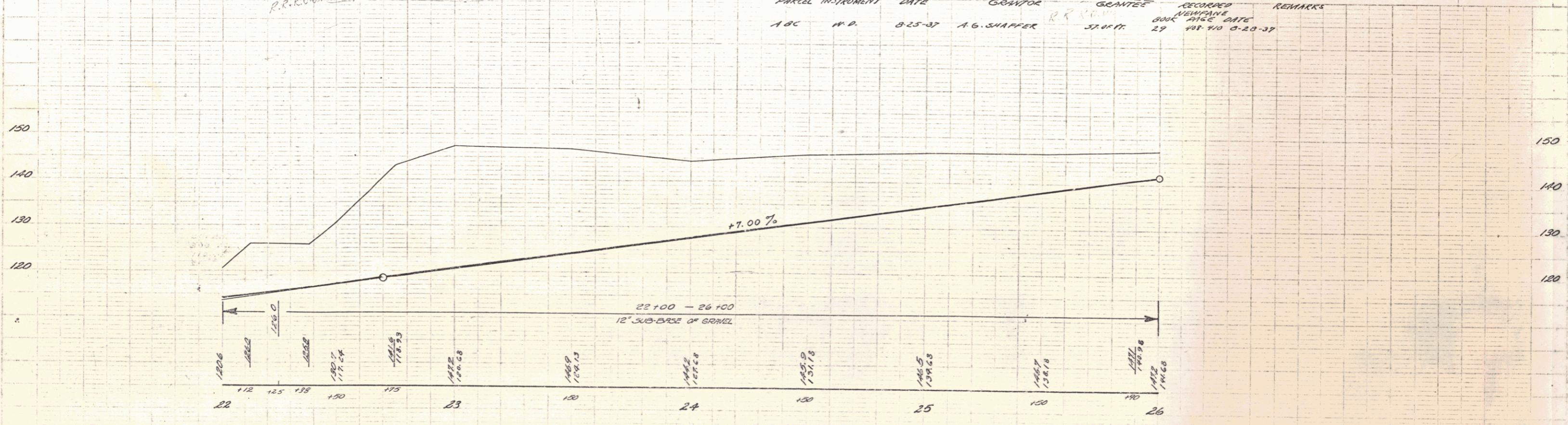
22+00 LI
 Const. on City of St. R.R. Sub. P.P.
 from Sta. 13+80 to Const. 22+00
 (Sheet 5-28)

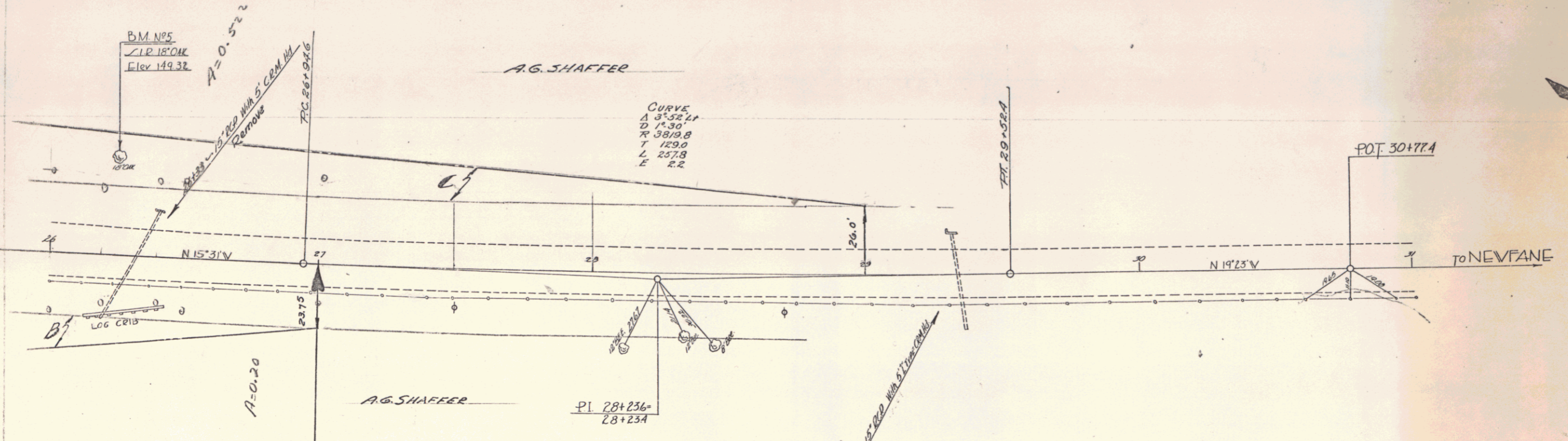
Curve
 Δ 35°28'48"
 D 81
 R 935.33
 L 305.7
 L 591.1
 E 47.6

24+06
 B.C. COMPACT Laying 10 ft. below
 top of top of L.C. with
 20% slope with 4 ft. of 18" compact
 at 24+06

25+06
 B.C. COMPACT Laying 10 ft. below
 top of top of L.C. with
 20% slope with 4 ft. of 18" compact
 at 25+06

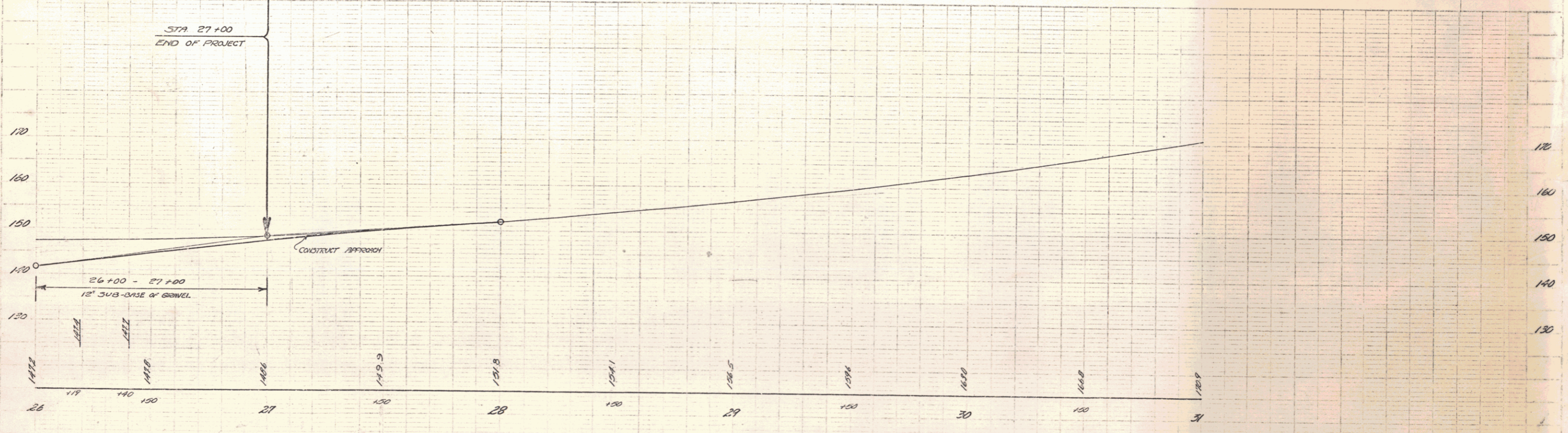
PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
A B C	N.P.	8-25-37	A.G. SHAFFER	ST. R.R.	29	107-110 0-29-37





1.08: All ground now in place on this project except that designated to be rest is to be removed and is to become the property of the State of Vermont.

PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
ABC	M.O.	8-25-37	A.G. SHAFFER	STATE OF VT	29 408-410 0-28-37	



B.M. NPS, Elev. in Bed of 18' 00" 36' 12" 1/2" 36.25 Elev. 149.32