

SECTION #1 INDEX OF SHEETS

SHEET NO. 1	TITLE PAGE
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3	BANKING AND WIDENING TABLES
4-8	PLAN AND PROFILE
9	STD. STRUCT. SHEET 5-28 PIPE CULVERTS
10	5-30 GUARD RAIL
11	5-30-A UNDERDRAIN & BOUNDARY MARKERS
12	5-40 BARRICADES, SIGNS & LIGHTS
13-26	CROSS-SECTIONS

SHADY RILL ROAD

SHEET NO. 27	TYPICAL CROSS-SECTION OF IMPROVEMENT (Grading, Base, Drainage & Guard Rail)
28	BANKING AND WIDENING TABLES
29-31	PLAN AND PROFILE
32	STD. STRUCT. SHEET 5-28 PIPE CULVERTS
33	5-30 GUARD RAIL
34	5-30-A UNDERDRAIN & BOUNDARY MARKERS
35	5-40 BARRICADES, SIGNS & LIGHTS
36-51	CROSS-SECTIONS

SECTION #2

SHEET NO. 52	TYPICAL CROSS-SECTION OF IMPROVEMENT (Grading, Base, Drainage & Guard Rail with Double Tack Coat of Refined Tar Item 29)
53	BANKING AND WIDENING TABLES
54-57	PLAN AND PROFILE
58	STD. STRUCT. SHEET 5-28 PIPE CULVERTS
59	5-30 GUARD RAIL
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62	GENERAL LAYOUT & SLAB DETAILS
63	STEEL SUPERSTRUCTURE DETAILS
64	NEW BRIDGE SEATS ON PRESENT ABUTMENTS
65	NEW ABUTMENTS #1 & #2
66	STD. STRUCT. SHEET 5-B-5 RAILING DETAILS
67	5-B-20 DETAIL A, DRAINS
68	5-B-11 BARRICADES, SIGNS & LIGHTS
69-100	CROSS-SECTIONS

SECTION #3

SHEET NO. 101	TYPICAL CROSS-SECTION OF IMPROVEMENT (Grading, Base, Drainage & Guard Rail with Double Tack Coat of Refined Tar Item 29)
102	BANKING AND WIDENING TABLES
103-105	PLAN AND PROFILE
106	STD. STRUCT. SHEET 5-28 PIPE CULVERTS
107	5-30 GUARD RAIL
108	5-30-A UNDERDRAIN & BOUNDARY MARKERS
109	5-40 BARRICADES, SIGNS & LIGHTS
110-125	CROSS-SECTIONS

STATE OF VERMONT
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

STATE PROJECT

TOWN OF MIDDLESEX

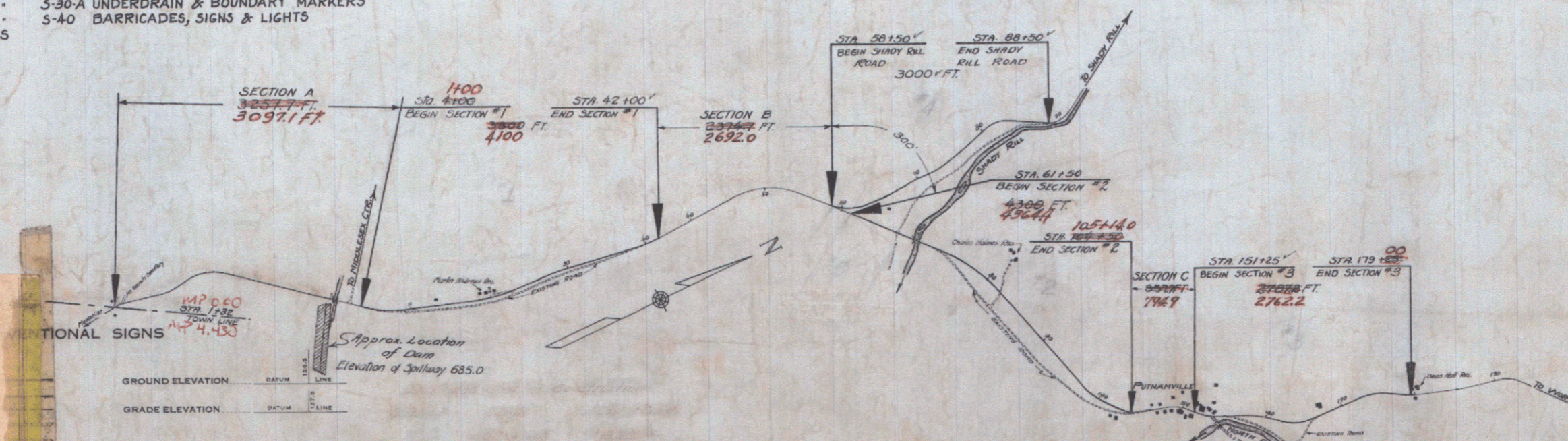
MONTPELIER-WORCESTER ROAD

BEGINNING 32577 FT. NORTH OF THE MONTPELIER CITY--
MIDDLESEX TOWN LINE & EXTENDING NORTHERLY WITH 3 & 6
SECTIONS OF CONSTRUCTION ON THE MONTPELIER---
WORCESTER HIGHWAY & 1 SECTION ON THE SHADY RILL ROAD.
LENGTH OF PROJECT 20,805.2 FT. - 3.940 MILES

FED. ROAD DIST. NO.	STATE	ROUTE	TOTAL SHEET NO.	TOTAL SHEETS
9	VT.	212-L	125	125



Corrected as Record Plan
A. S. Olin



ADDITIONAL SIGNS
MAP 0.80
DOWN LINE
AT 4.450

GROUND ELEVATION
GRADE ELEVATION

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 in. = 800 FT.
TYPICAL	1 in. = 2 FT.
PLAN	1 in. = 30 FT.
PROFILE	1 in. = 30 FT.
CROSS SECTIONS	1 in. = 5 FT.

Plans Extend 0.478 miles
into Worcester

WRIGHTSVILLE
STATE 212-L
APPROVED: [Signature]
ROAD ENGINEER

APPROVED: [Signature]
COMMISSIONER OF HIGHWAYS

VT-12
Pin # 992976

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

SERIES # 778 NO. 212-L FILED
SHEET (1) OF 125

COUNTY
TOWN
FENCE
STONE
UNFIN
GUARD
RAILROAD
RETAIN
CENTRE
SURFACE
CULVERT
DRAIN
POLE
TELE
TERRA
HEDGE

PROJECT: Montpelier-Worcester Road, Cas section on Shady Hill Road.
DATE: 12-1-40
TYPE: Double Tack Coat of Refined Tar Item 29, Grading, Base, Drainage & Guard Rail.
CONTRACTOR: [Name]

INDEX OF SHEETS	
SECTION 1	
SHEET NO. 1	TITLE PAGE
" 2	TYPICAL CROSS-SECTIONS-6" GRAVEL SURFACE COURSE
" 3	DETAILS OF CONSTRUCTION
" 4-6	PLAN AND PROFILE SHEET
" 7	STANDARD STRUCTURE SHEET 5-20; PIPE CULVERTS
" 8	" " " 5-30; GUARD RAIL
" 9	" " " 5-40; BARRICADES, SIGNS & LIGHTS
" 10-25	CROSS-SECTIONS
SECTION 2	
SHEET NO. 1	TITLE PAGE
" 2	TYPICAL CROSS-SECTIONS-6" GRAVEL SURFACE COURSE
" 3	DETAILS OF CONSTRUCTION
" 4-9	PLAN & PROFILE SHEETS
" 10	STANDARD STRUCTURE SHEET 5-20; PIPE CULVERTS
" 11	" " " 5-30; GUARD RAIL
" 12	" " " 5-40; BARRICADES, SIGNS & LIGHTS
" 13-52	CROSS-SECTIONS
SECTION 3	
SHEET NO. 1	TITLE PAGE
" 2	TYPICAL CROSS-SECTIONS-6" GRAVEL SURFACE COURSE
" 3	DETAILS OF CONSTRUCTION
" 4-6	PLAN & PROFILE SHEETS
" 7	STANDARD STRUCTURE SHEET 5-20; PIPE CULVERTS
" 8	" " " 5-20; BOX CULVERTS
" 9	" " " 5-30; GUARD RAIL
" 10	" " " 5-40; BARRICADES, SIGNS & LIGHTS
" 11-26	CROSS-SECTIONS
SECTION 4	
SHEET NO. 1	TITLE PAGE
" 2	TYPICAL CROSS-SECTIONS-6" GRAVEL SURFACE COURSE
" 3	DETAILS OF CONSTRUCTION
" 4	PLAN & PROFILE SHEET
" 5	STANDARD STRUCTURE SHEET 5-20; PIPE CULVERTS
" 6	" " " 5-30; GUARD RAIL
" 7	" " " 5-40; BARRICADES, SIGNS & LIGHTS
" 8-10	CROSS-SECTIONS
SECTION 5	
SHEET NO. 1	TITLE PAGE
" 2	TYPICAL CROSS-SECTIONS-6" GRAVEL SURFACE COURSE
" 3	DETAILS OF CONSTRUCTION
" 4	PLAN & PROFILE SHEET
" 5	STANDARD STRUCTURE SHEET 5-40; BARRICADE, SIGNS & LIGHTS
" 6-8	CROSS-SECTIONS

STATE OF VERMONT
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

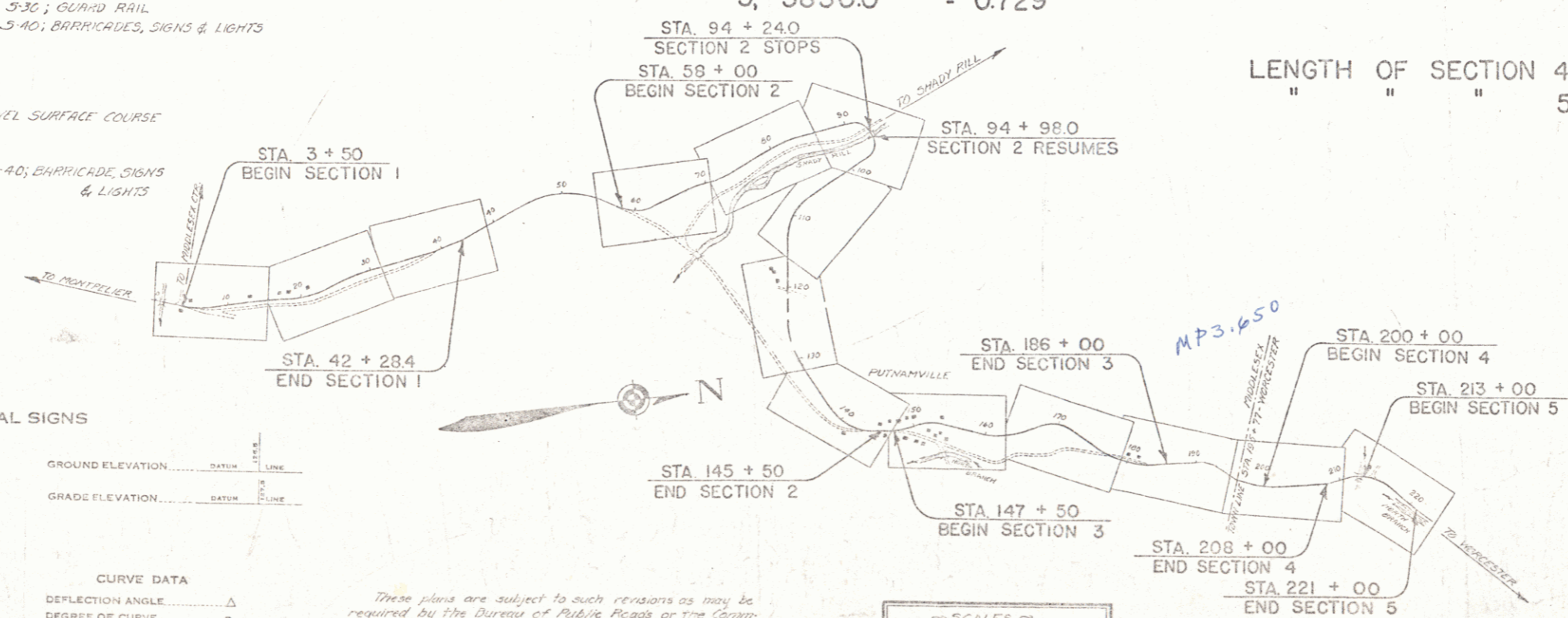
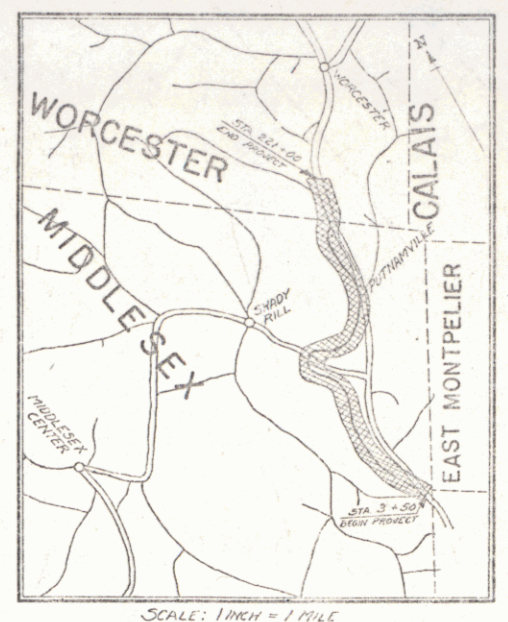
TOWNS OF MIDDLESEX AND WORCESTER
WRIGHTSVILLE RELOCATION
MONTPELIER-WORCESTER ROAD

BEGINNING AT A POINT 100 FT. NORTH OF THE SIDE ROAD TO MIDDLESEX CENTER, AND EXTENDING NORTHERLY APPROXIMATELY 4.26 MILES, TO A POINT 2526 FT. NORTH OF THE MIDDLESEX-WORCESTER TOWN LINE.

LENGTH OF SECTION 1, 3890.9 FT. = 0.736 MILES
" " " 2, 8676.0 " = 1.643 "
" " " 3, 3850.0 " = 0.729 "

LENGTH OF SECTION 4, 800.0 FT. = 0.151 MILES
" " " 5, 800.0 " = 0.151 "

SECTION NO.	FED. ROAD DIST. NO.	STATE	YEAR	SHEET NO.	TOTAL SHEETS
1	9	VT.	1937	1	25
2				1	22
3				1	20
4				1	20
5				1	20



CONVENTIONAL SIGNS

GROUND ELEVATION	DATUM	FEET
GRADE ELEVATION	DATUM	FEET

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.

These plans are subject to such revisions as may be required by the Bureau of Public Roads or 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 29, 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.

SCALES

TITLE	1" = 1000'
TYPICAL	1" = 2'
PLAN	1" = 50'
PROFILE	1" = 50'
CROSS-SECTIONS	1" = 5'

RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
Town of Utica
(To Be Returned To R.O.W. Division)

COMMISSIONER OF HIGHWAYS
SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

RECOMMENDED _____
DISTRICT ENGINEER BUREAU OF P.R.
RECOMMENDED FOR APPROVAL _____
CHIEF ENGINEER
APPROVED _____
D.P.

CORRECT: _____
FIELD ENGINEER
SERIES _____
SHEET 1A

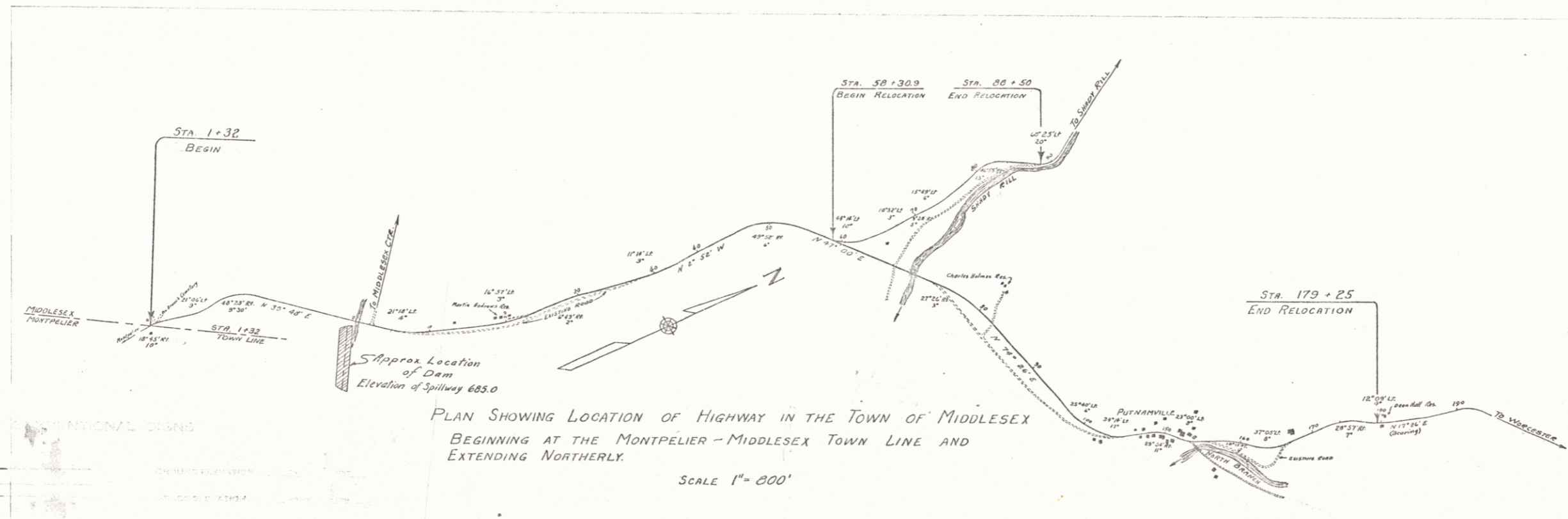
INDEX OF SHEETS

SHEET NO.	1	TITLE PAGE
"	2	TYPICAL CROSS-SECTION OF IMPROVEMENT
"	3	BANKING AND WIDENING TABLES
"	4	PLAN AND PROFILE STA.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	Vt.				

STATE OF VERMONT
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
FEDERAL AID PROJECT



CONVENTIONAL SIGNS

COUNTY LINE	.....
TOWN LINE	.....
FENCE LINE	.....
STONE WALL	.....
UNFENCED PROPERTY	.....
GUARD RAIL	.....
TRAVELED WAY	.....
RAILROAD	.....
RETAINING WALL	.....
CENTER LINE	.....
SURVEY LINE	.....
CULVERT	.....
DROP INLET	.....
TROLLEY POLE	.....
POWER POLE	.....
TELEPHONE POLE	.....
TREES	.....
HEDGE	.....

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.

APPROVED: _____
COMMISSIONER OF HIGHWAYS
SUBMITTED BY ORDER OF THE STATE HIGHWAY DEPARTMENT

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

SERIES F NO. _____ FILED
SHEET 18 OF _____

3
52



CORPS OF ENGINEERS, U. S. A.

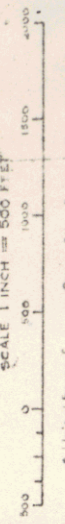


TERED BY MAXIMUM FLOOD ELEV. 690'

COPIED FROM
UNITED STATES ENGINEERS MAP
BY VANDERBILT UNIVERSITY

**WINOOSKI RIVER, VT.
NORTH BRANCH
RESERVOIR AT WRIGHTSVILLE**

(SURVEY OF JULY, 1929)
SCALE 1 INCH = 500 FEET



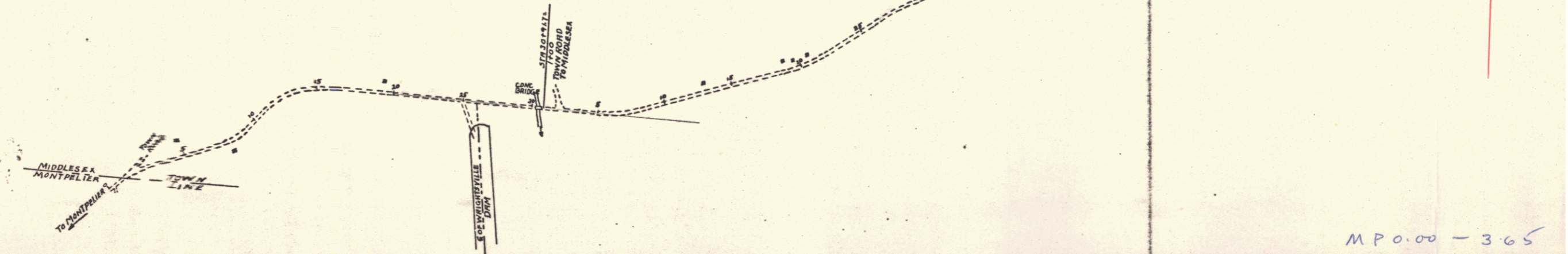
JULY 6, 1933.

RESERVOIR - WRIGHTSVILLE

10

5

81627405

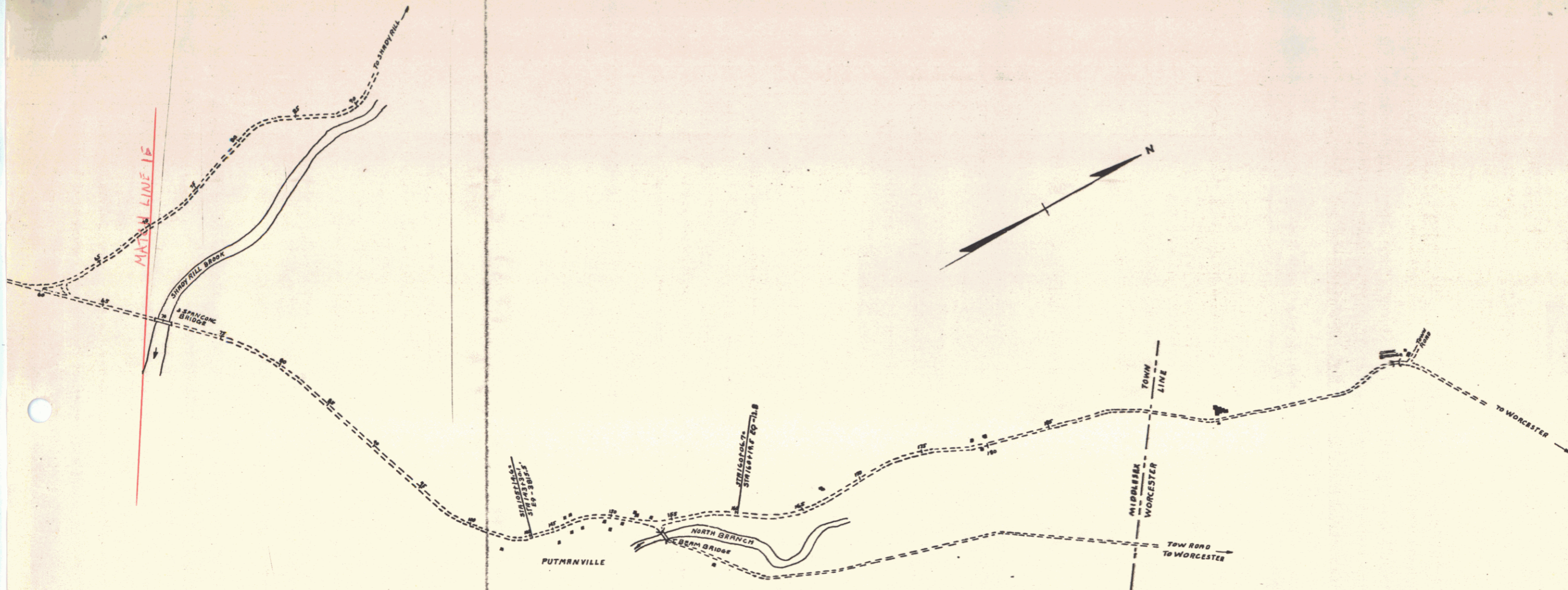


M P 0.00 - 365
 RIGHT-OF-WAY DIVISION
 TOWN FILE
 PERPETUAL
 Town of Middlesex
 (To Be Returned To R.O.W. Division)

Middlesex

1E

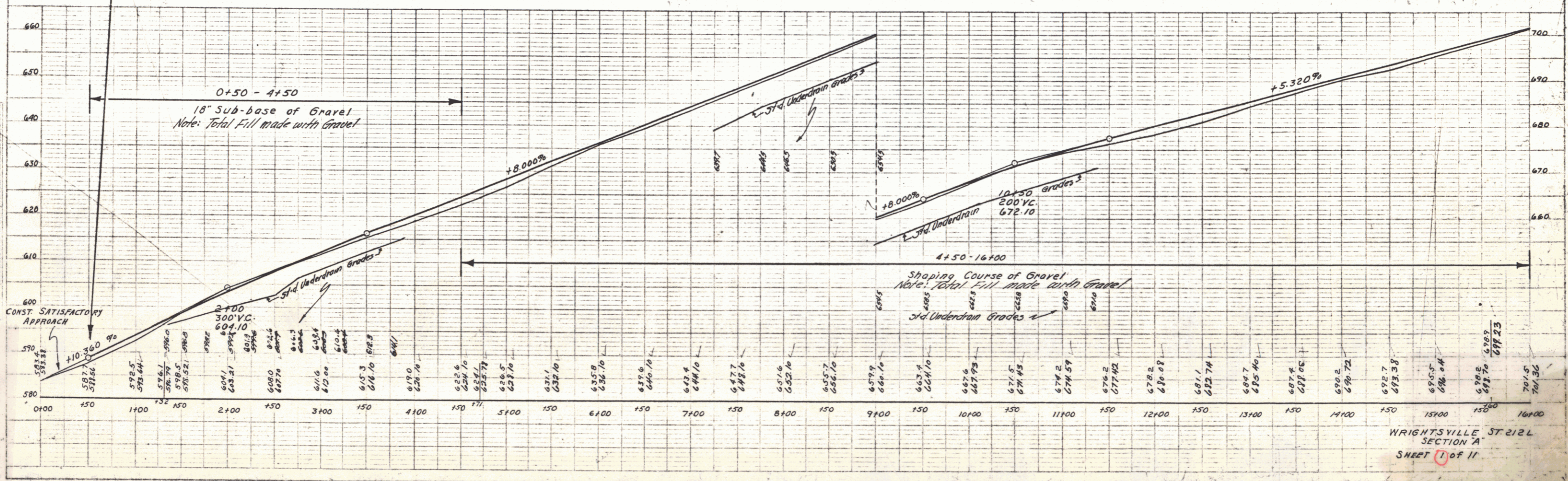
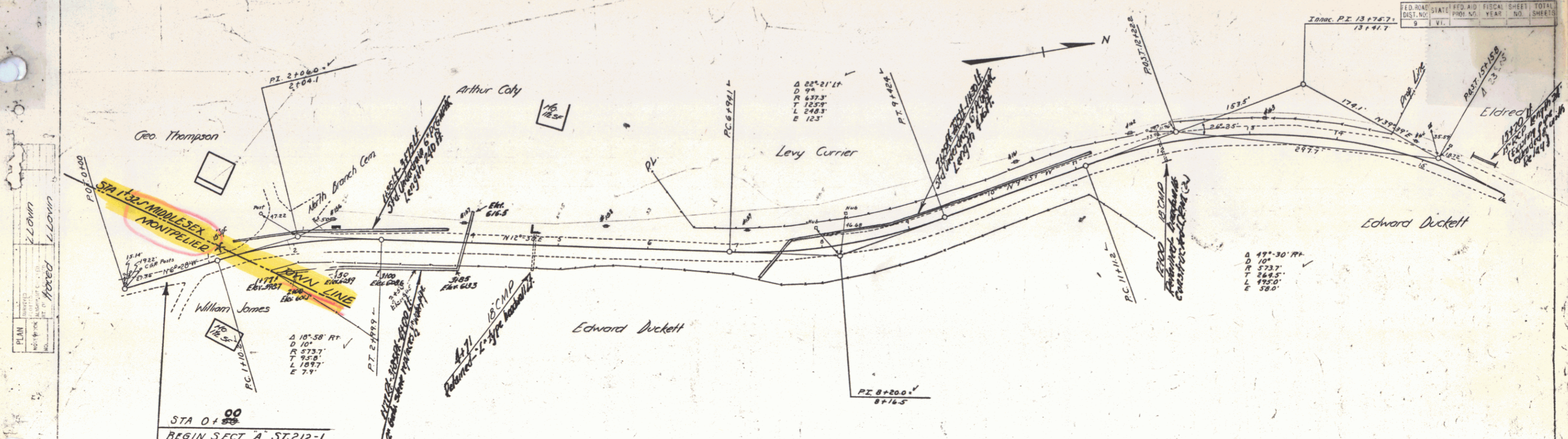
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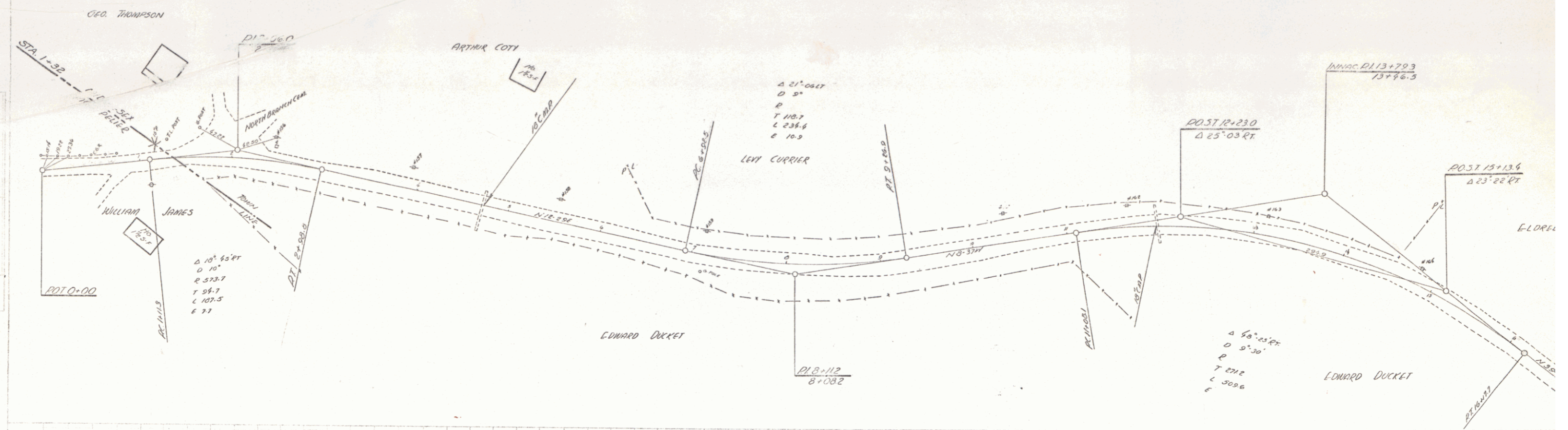
ROADS AT WRIGHTVILLE DAM
 MIDDLESEX VT.
 SCALES PLAN 1 INCH = 400 FT.
 PROFILE HOR. 1 INCH = 400 FT.
 VER. 1 INCH = 40 FT.

IF

7

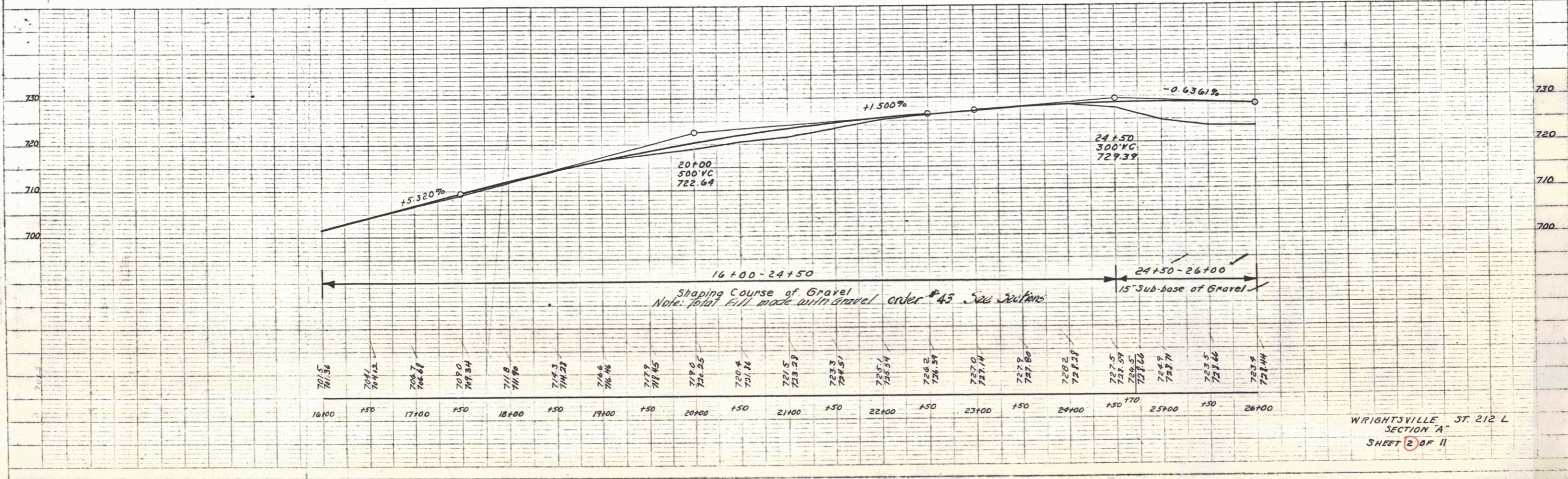
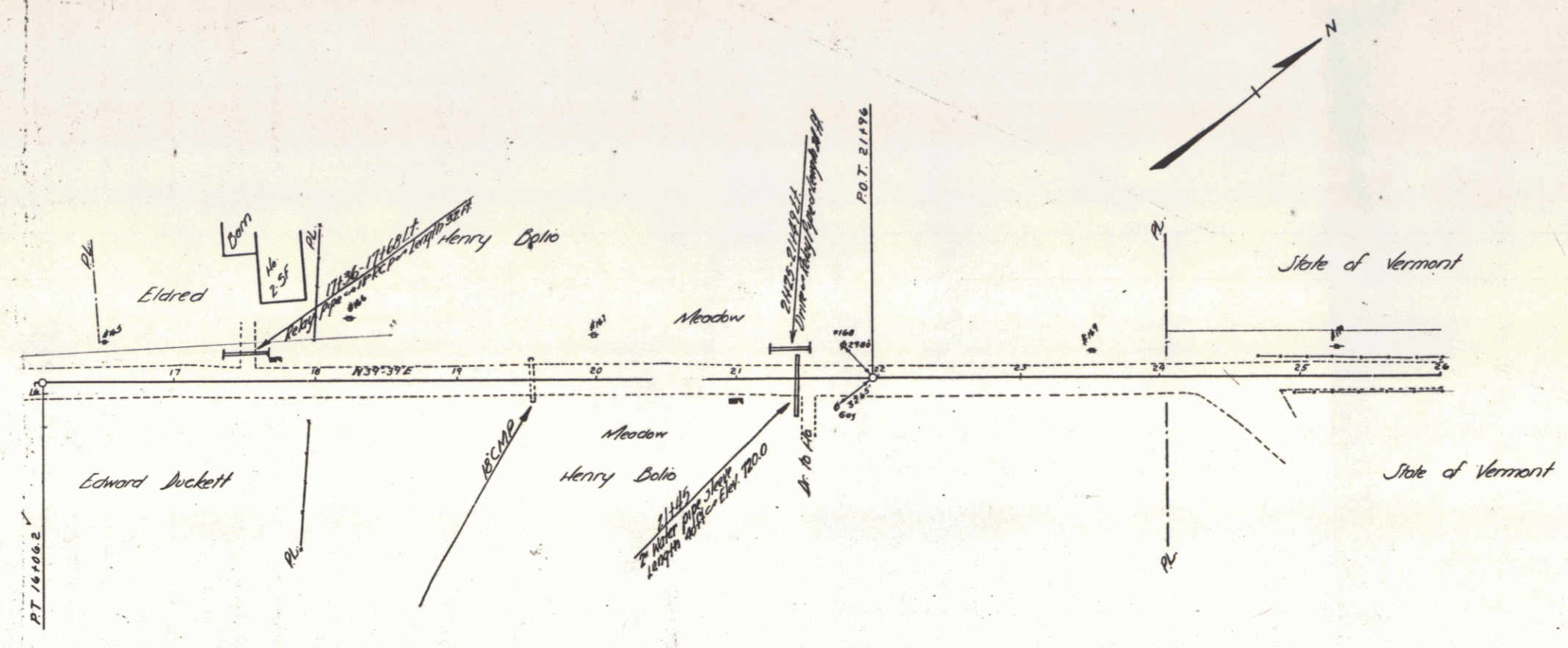


WRIGHTSVILLE ST. 212-L
SECTION A
SHEET 1 of 11

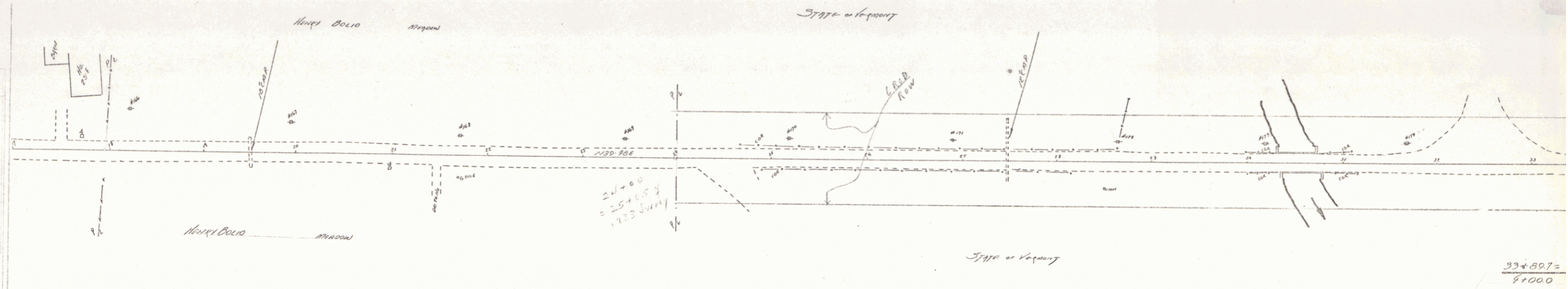


*Good
See later sheet*

PLAN
 PROJECT
 DISTRICT
 SHEET NO.
 TOTAL SHEETS



WRIGHTSVILLE ST. 212 L
 SECTION "A"
 SHEET 2 OF 11



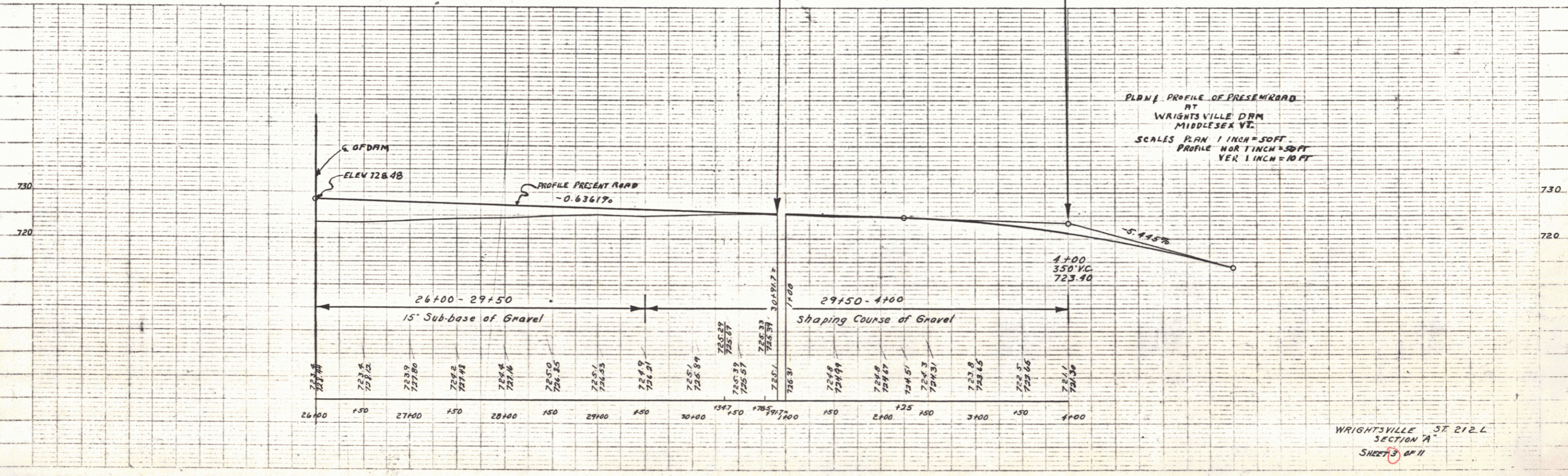
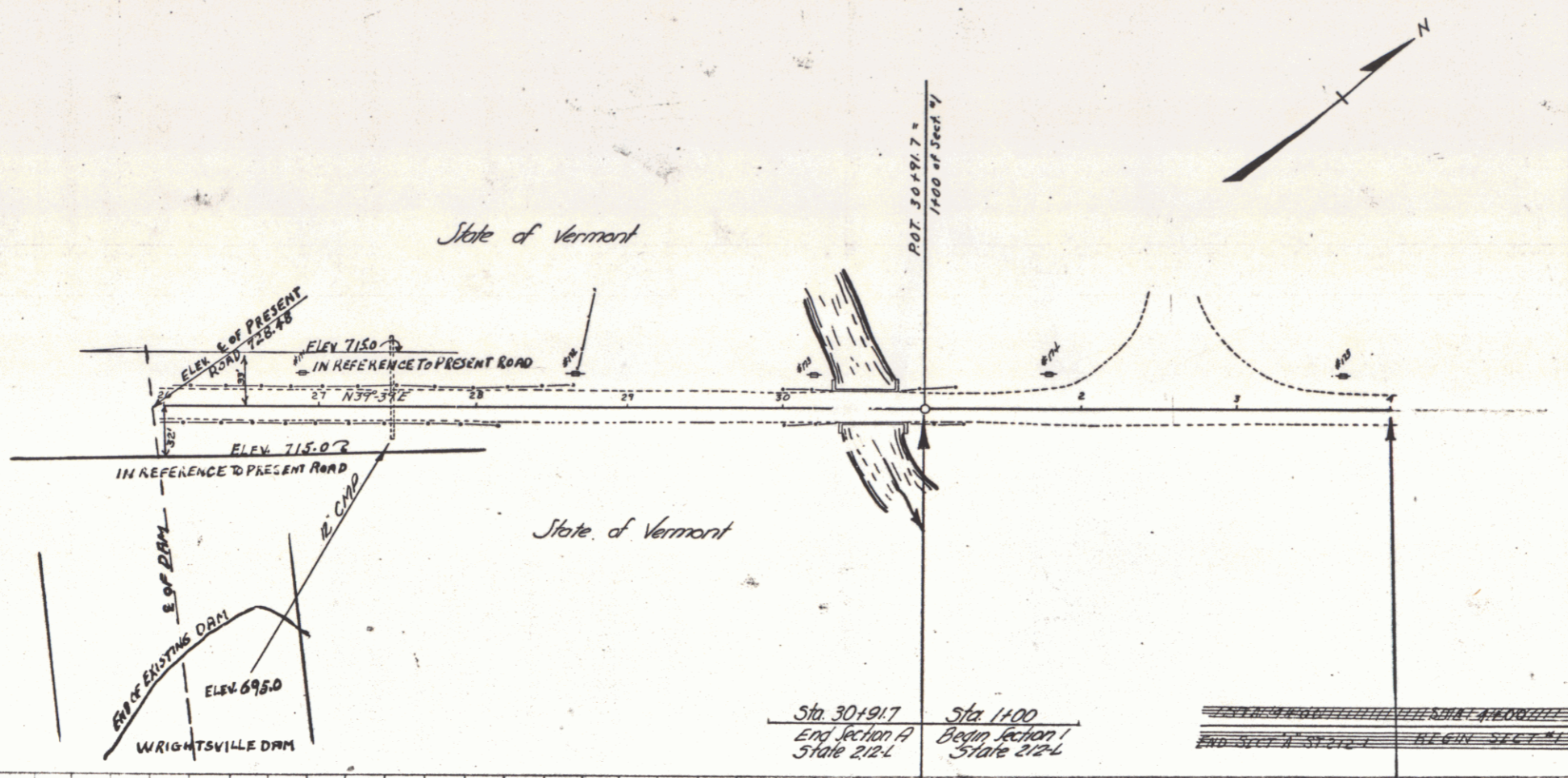
PLAN	212-L
DATE	1940
BY	
SCALE	
PROJECT	
NO.	
SHEET	

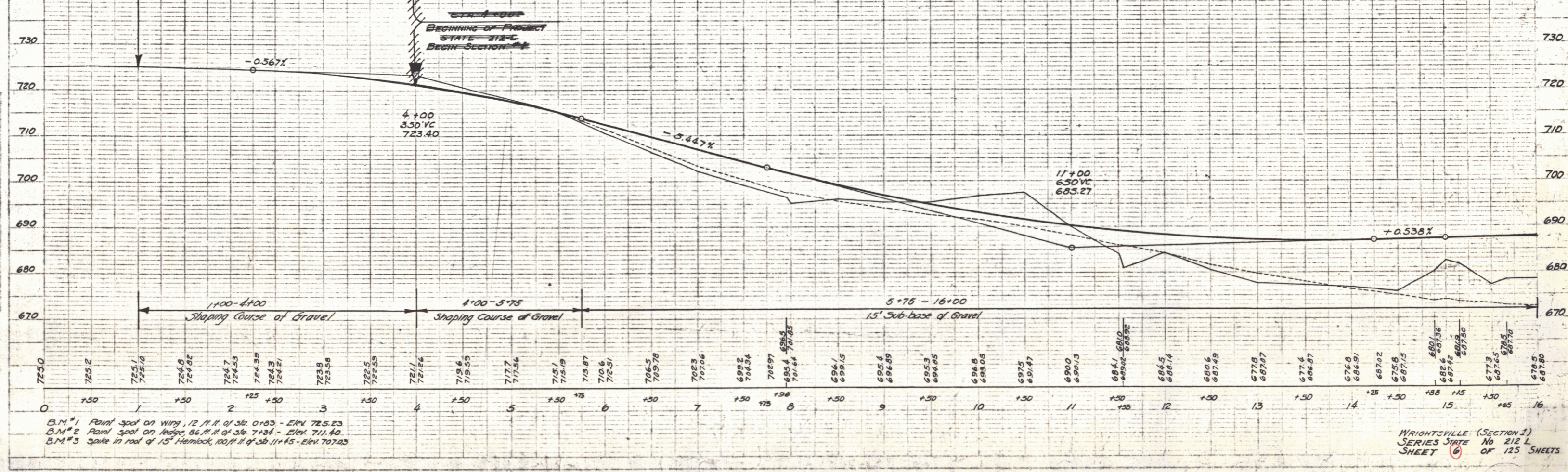
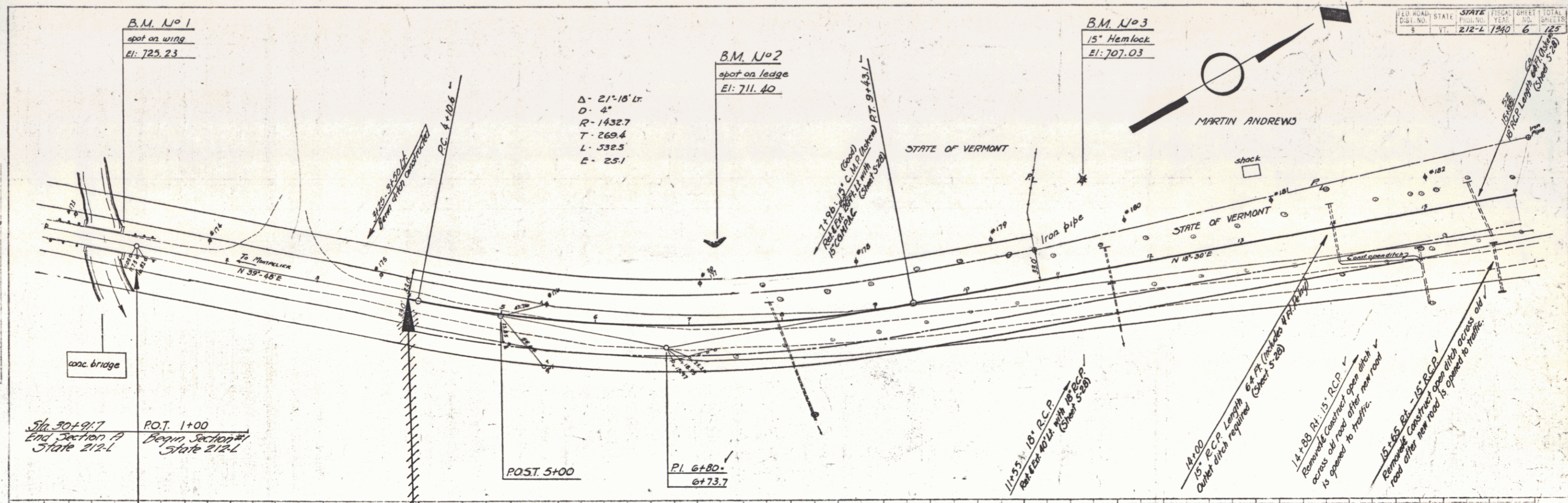
$$\frac{334.897}{41000}$$

Wrightsville
Lee County

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.				

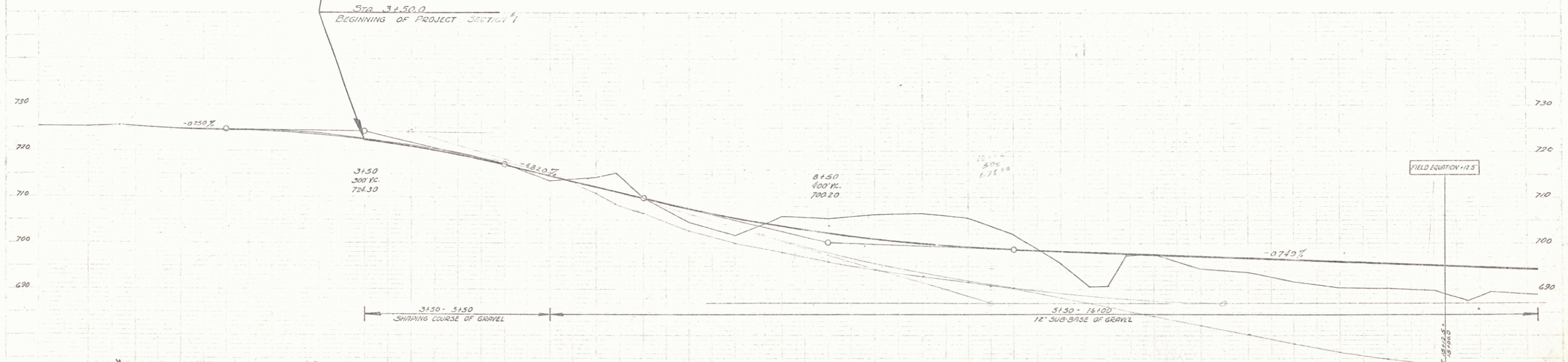
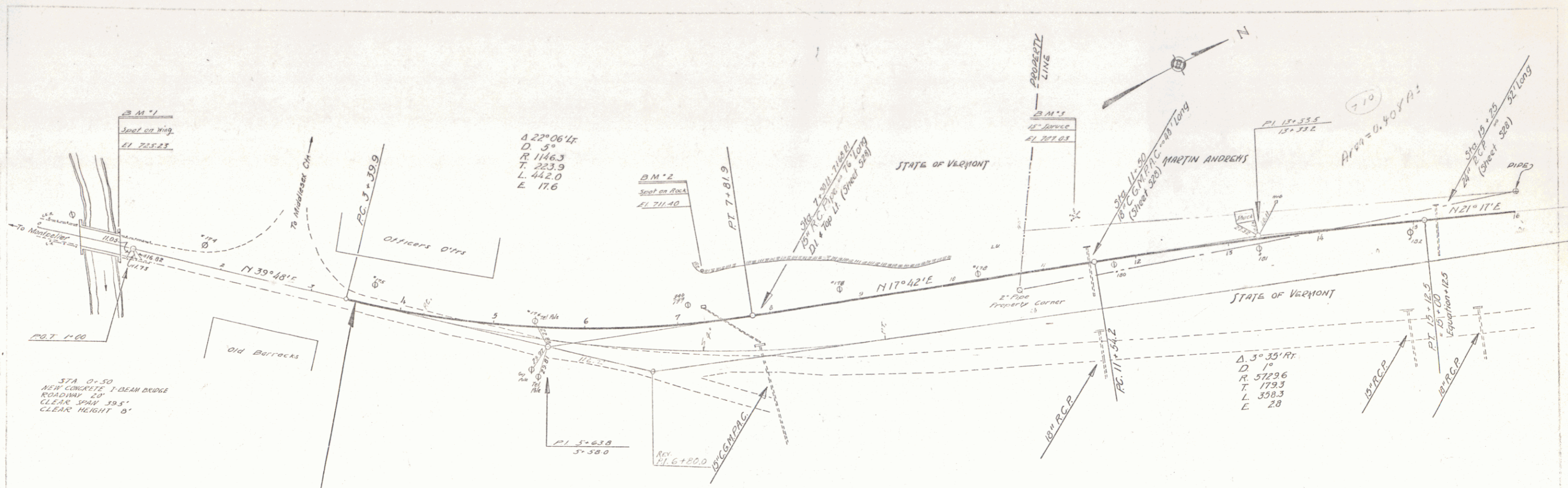
UNOT 7
 1. LOW 7
 PRO 3000
 1000





B.M. #1 Paint spot on wing, 12 ft. N. of Sta. 0+00 - Elev. 725.23
 B.M. #2 Paint spot on ledge, 84 ft. N. of Sta. 7+34 - Elev. 711.40
 B.M. #3 Spot in road of 15' Hemlock, 100 ft. N. of Sta. 11+45 - Elev. 707.03

WRIGHTSVILLE (SECTION 1)
 SERIES STATE No 212-L
 SHEET 6 OF 125 SHEETS



725.3	725.33	725.6	725.7	725.8	725.9	726.0	726.1	726.2	726.3	726.4	726.5	726.6	726.7	726.8	726.9	727.0	727.1	727.2	727.3	727.4	727.5	727.6	727.7	727.8	727.9	728.0	728.1	728.2	728.3	728.4	728.5	728.6	728.7	728.8	728.9	729.0	729.1	729.2	729.3	729.4	729.5	729.6	729.7	729.8	729.9	730.0
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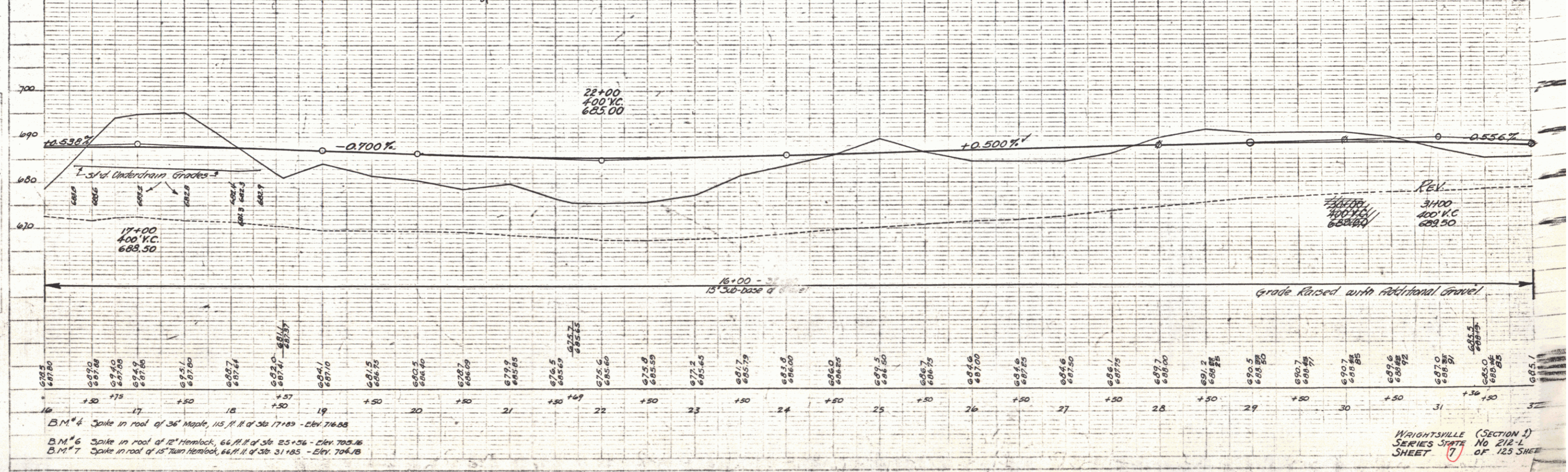
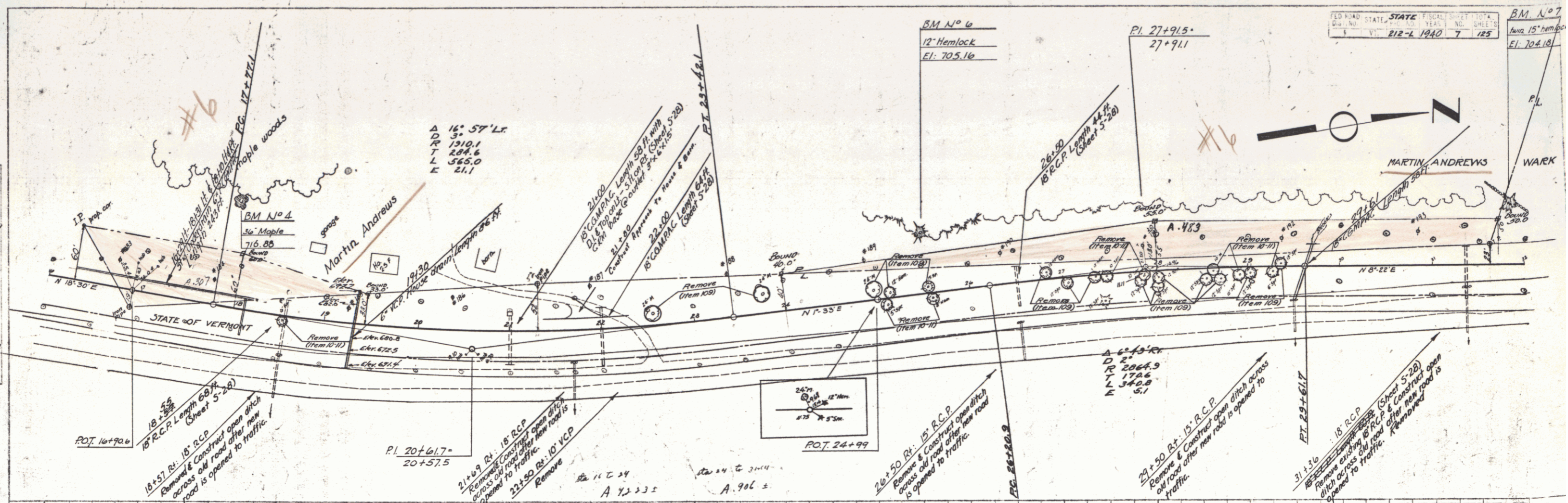
B.M. 1 SPOT ON CONCRETE BRIDGE WING 12' LT OF STA 0+83 ELEV 725.23
 B.M. 2 SPOT ON LEDGE 56' LT STA 7+31 ELEV 714.0
 B.M. 3 SPIKE IN ROOT OF 18" SPRUCE 34' LT STA 11+41 ELEV 707.3

TOWN OF MIDDLESEX
 WRIGHTSVILLE RELOCATION
 SHEET 6A

1237
 Lane RG
 DATE 12-30-1940
 DRAWN BY
 CHECKED BY
 APPROVED BY
 NO.

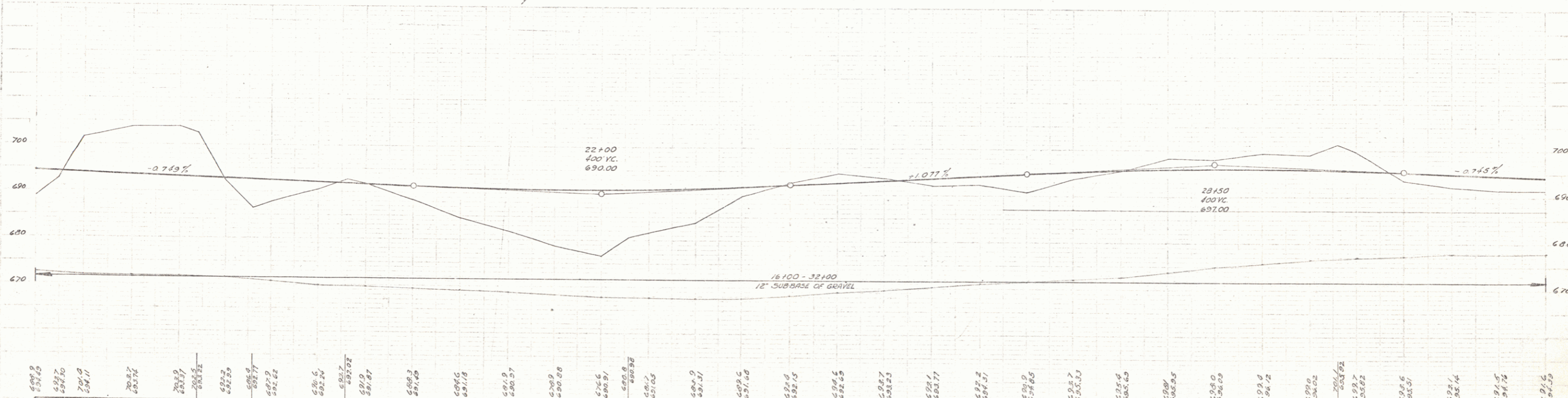
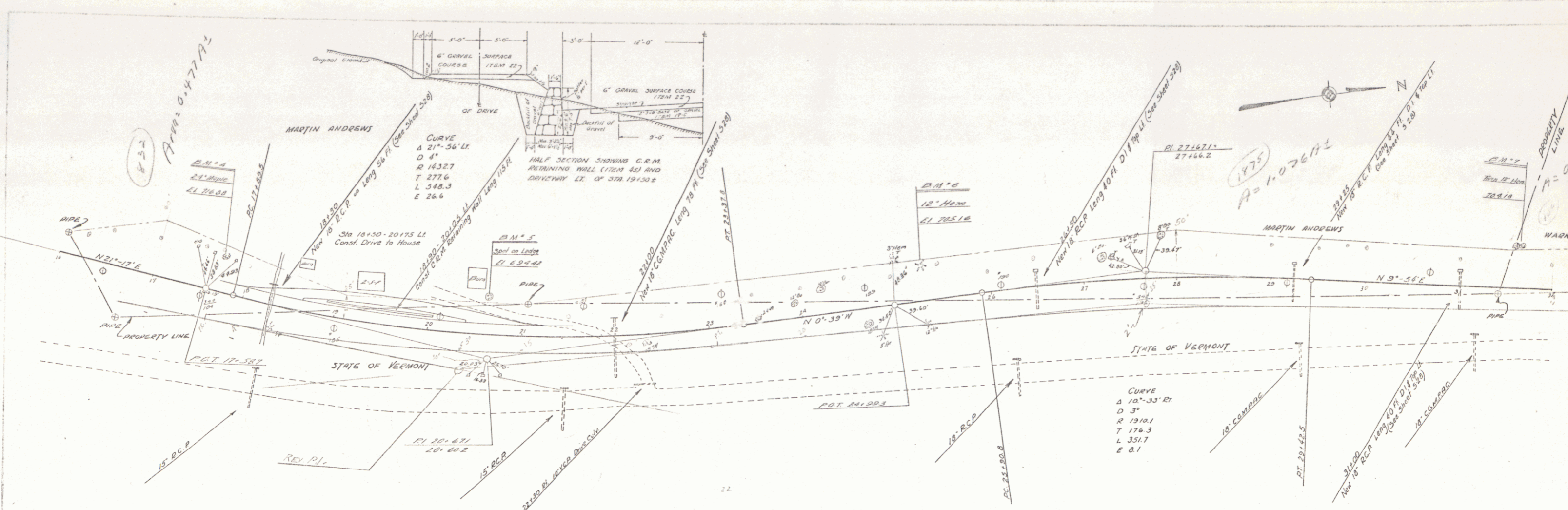
1238
 Wrightsville
 DATE 12-30-1940
 DRAWN BY
 CHECKED BY
 APPROVED BY
 NO.

STATE VERMONT
 YEAR 1940
 SHEET NO. 7
 OF 125
 SCALE 1" = 40'



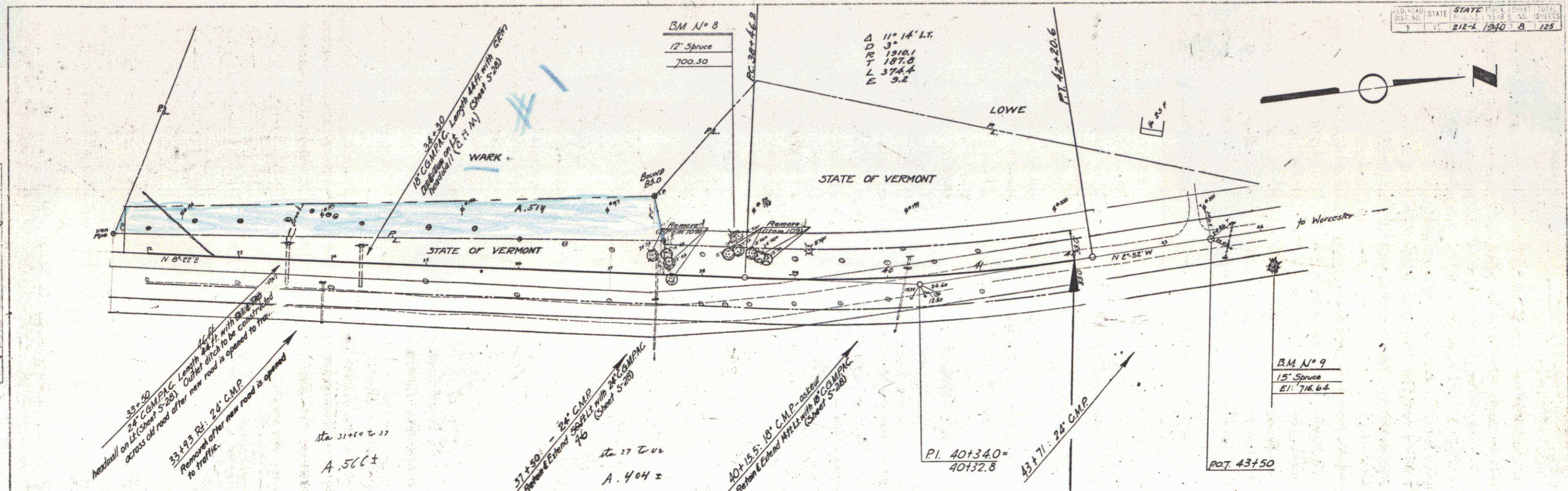
B.M. #4 Spike in roof of 36' Maple, 115 ft. N. of 36' 17189 - Elev. 716.88
 B.M. #6 Spike in roof of 12' Hemlock, 66 ft. N. of 36' 25+36 - Elev. 705.16
 B.M. #7 Spike in roof of 10' Hemlock, 66 ft. N. of 36' 31+85 - Elev. 704.18

WRIGHTSVILLE (SECTION 1)
 SERIES STATE NO. 212-L
 SHEET OF 125 SHEETS



TOWN OF MIDDLESEX
 WRIGHTSVILLE RELOCATION
 SHEET 7A

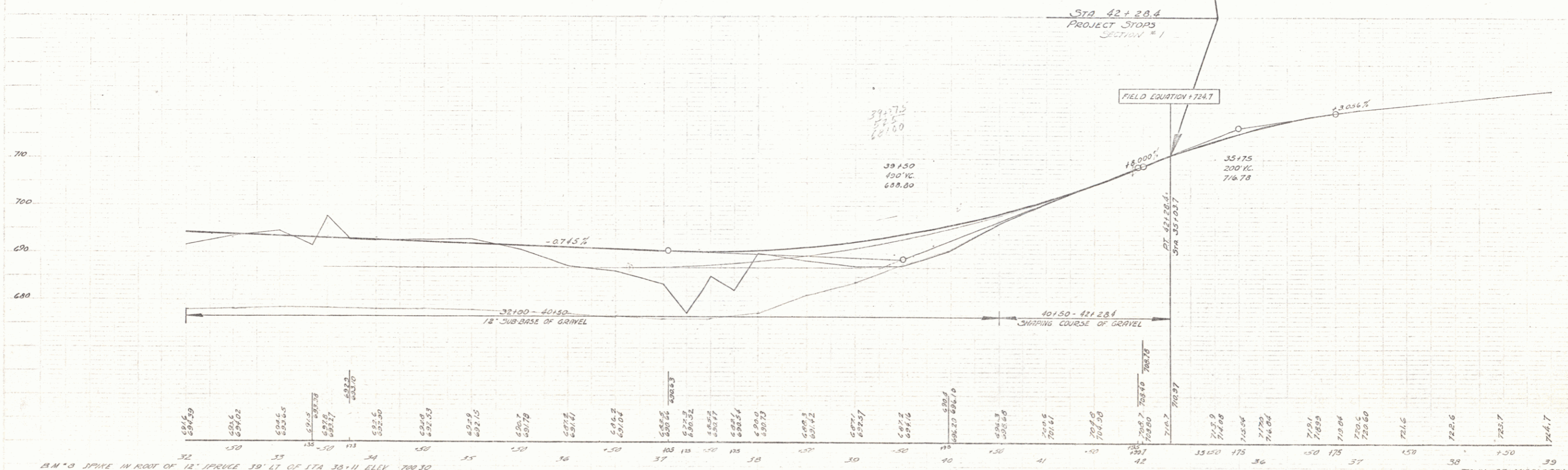
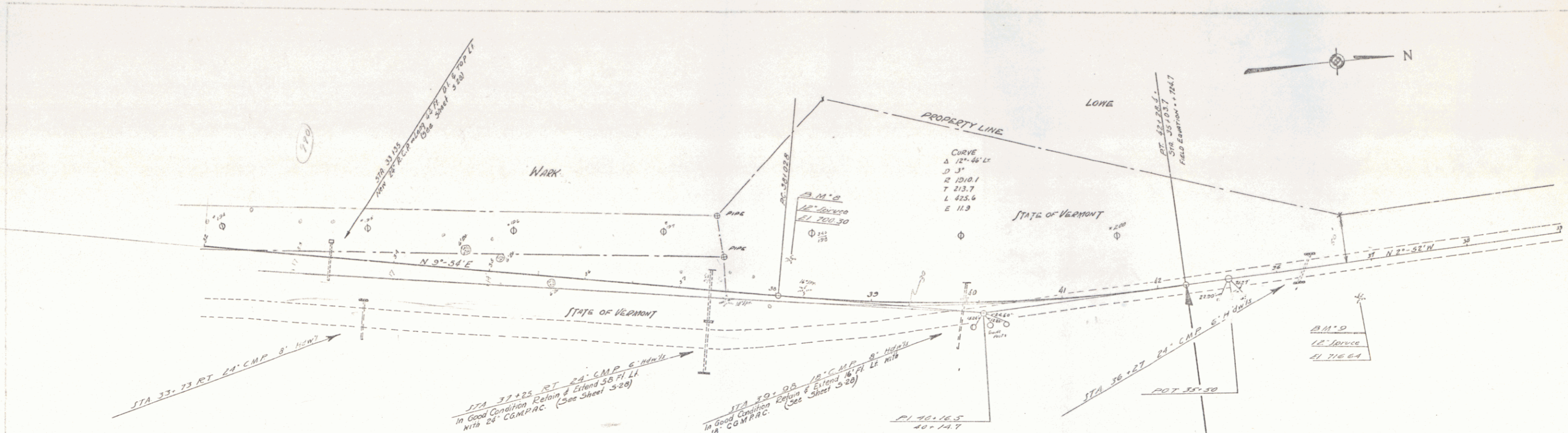
Original etc.
 May be...
 and (w) and
 other...



WRIGHTSVILLE (SECTION 1)
 SERIES STATE No 212-L
 SHEET 8 OF 125 SHEETS

PLAN
 12-30
 12-30
 12-30

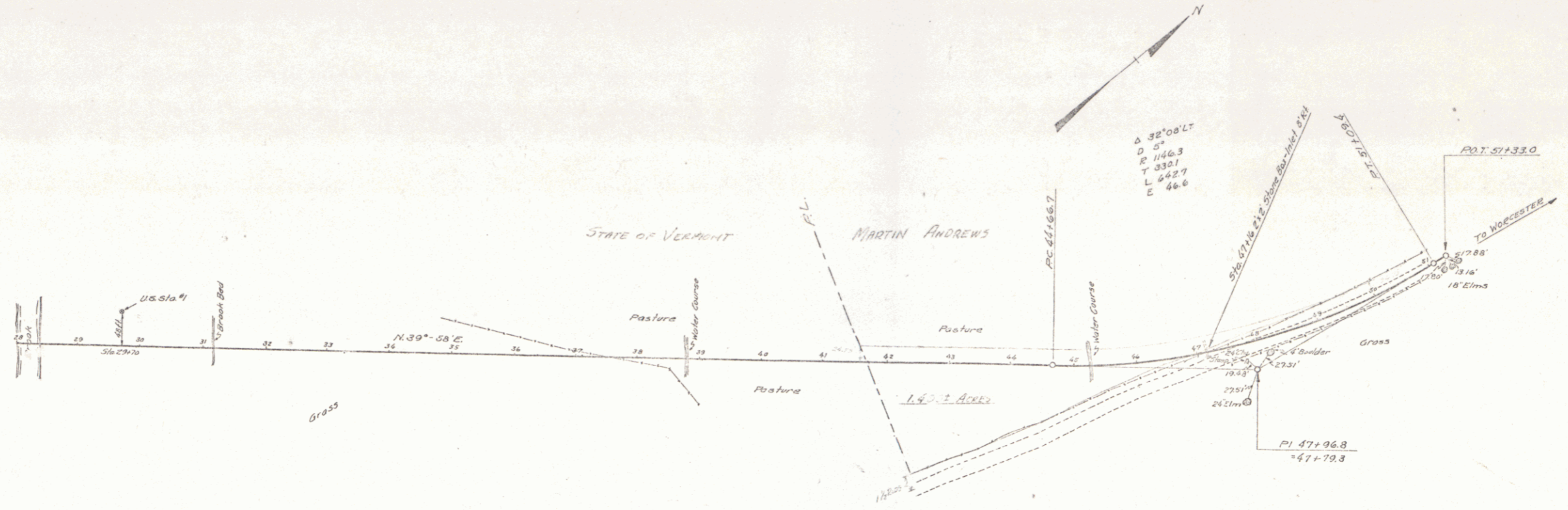
12-30
 12-30
 12-30



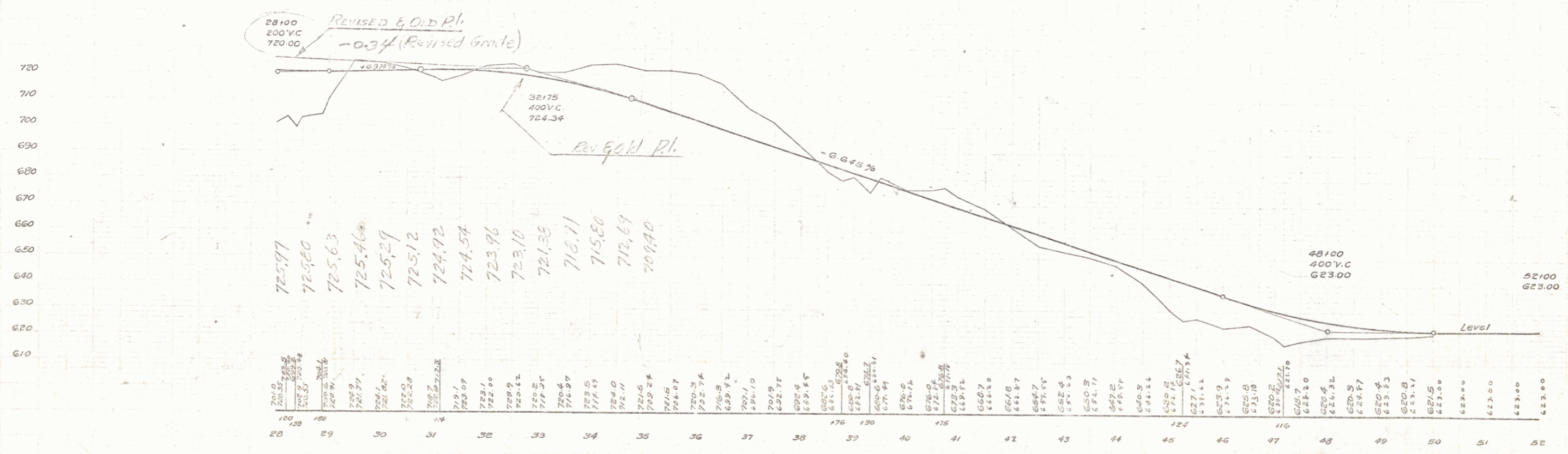
32 B.M. 3 SPIKE IN ROOT OF 12" PINE 39' LT OF STA 36+11 ELEV 700.30
 B.M. 3
 33 39' RT OF STA 36+01 ELEV 714.64
 39 TOWN OF MIDDLESEX
 WRIGHTSHIRE RELOCATION
 SHEET 54

Johns
Birras
Pulnam
Prest

Johns
Reynolds

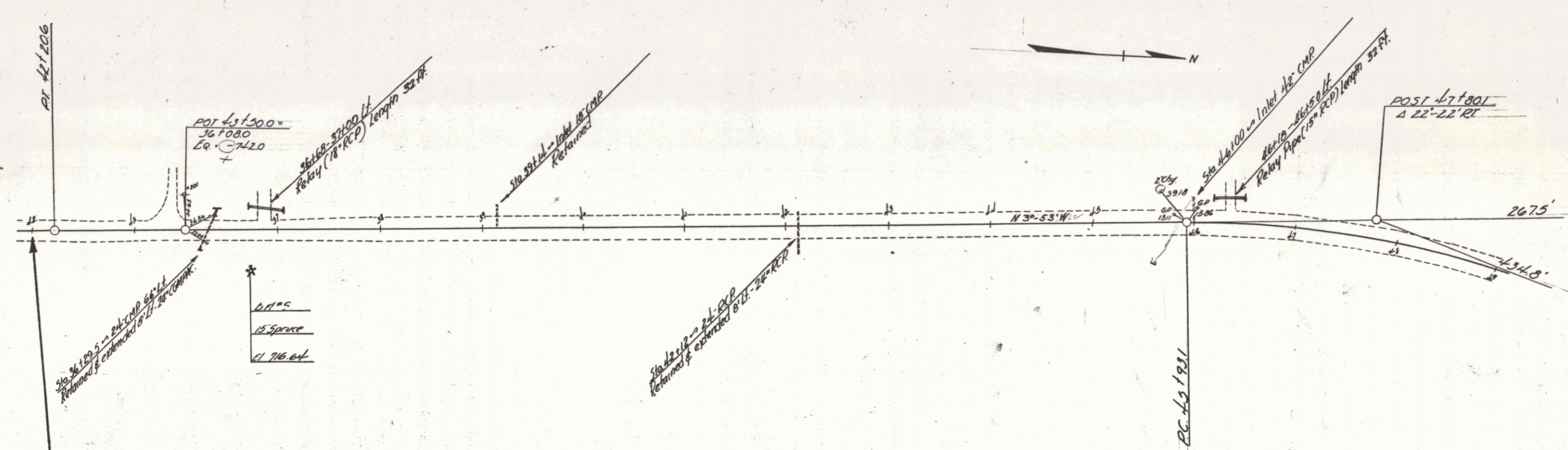


SCALE = 1 INCH = 100 FEET

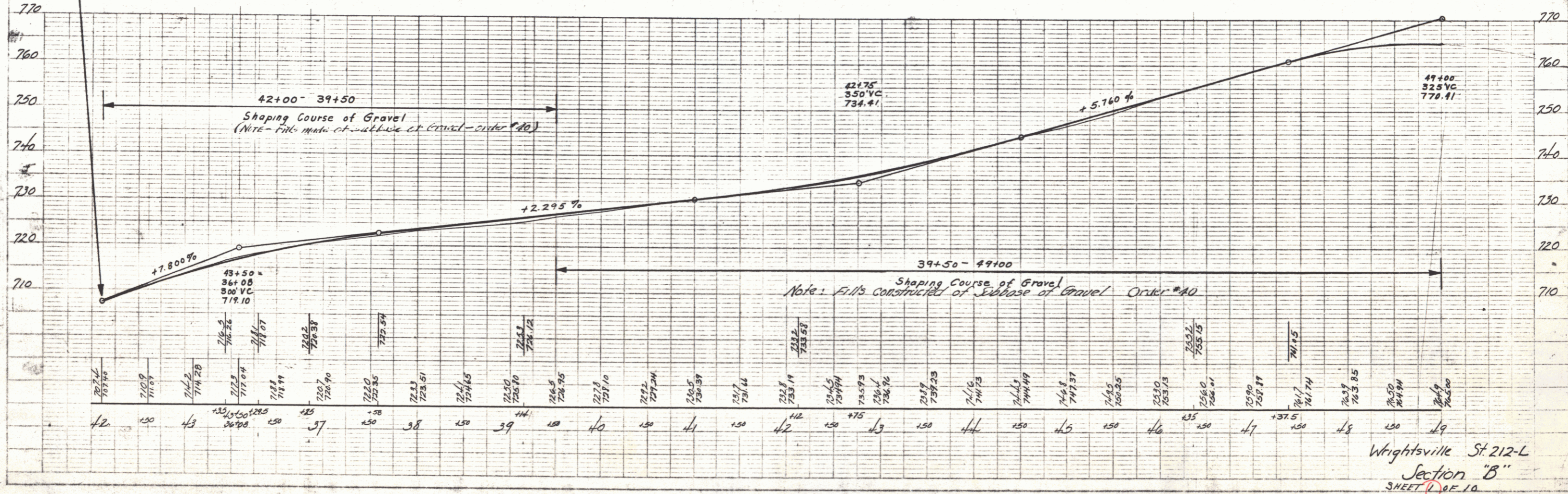


MONTPELIER-MIDDLESEX
Wrightsville Relocation
Sheet 85 of 85

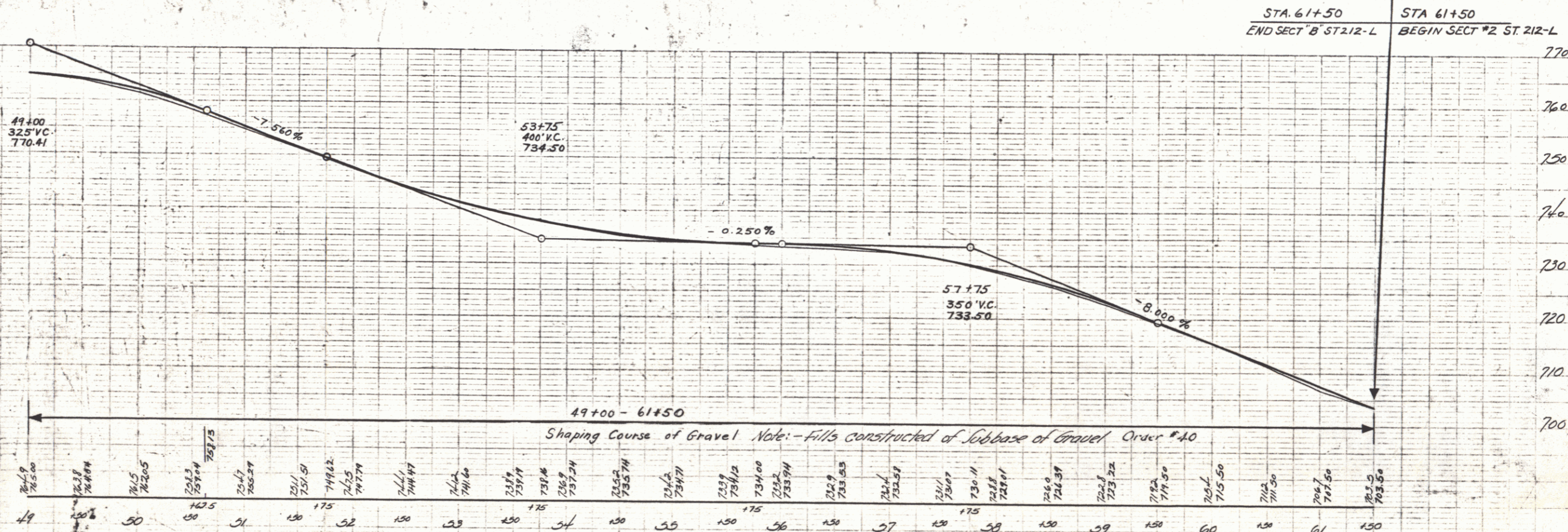
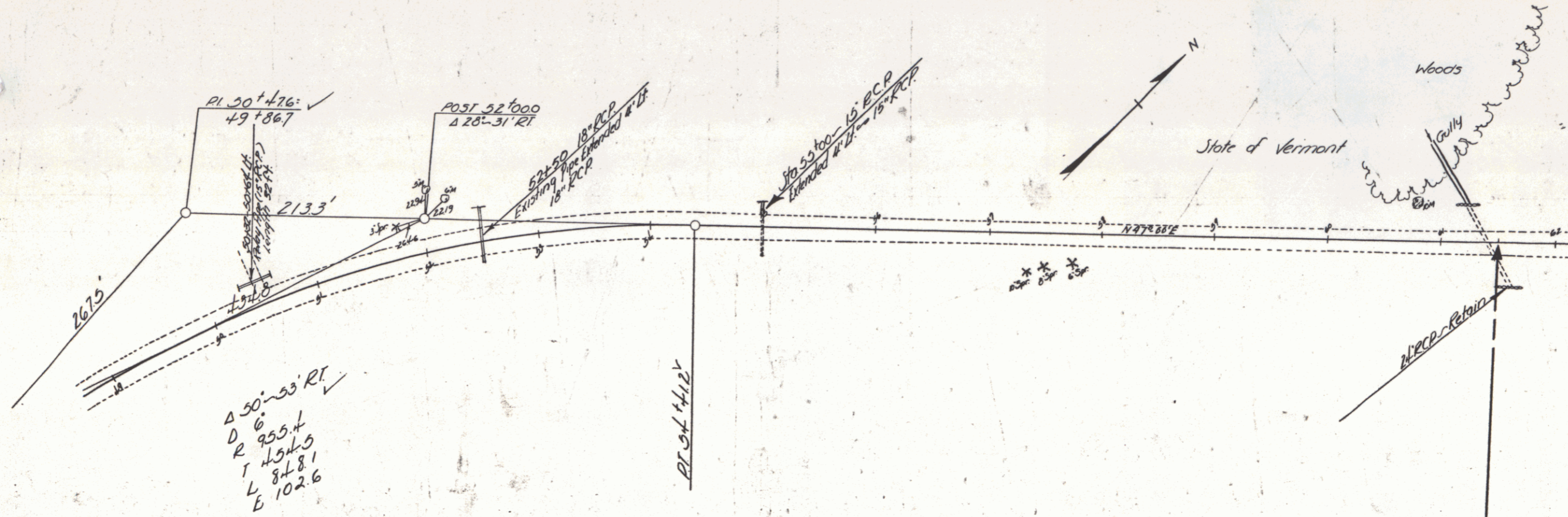
PLAN
 DATE
 DRAWN BY
 CHECKED BY
 PROJECT
 SHEET NO. 10
 OF 10



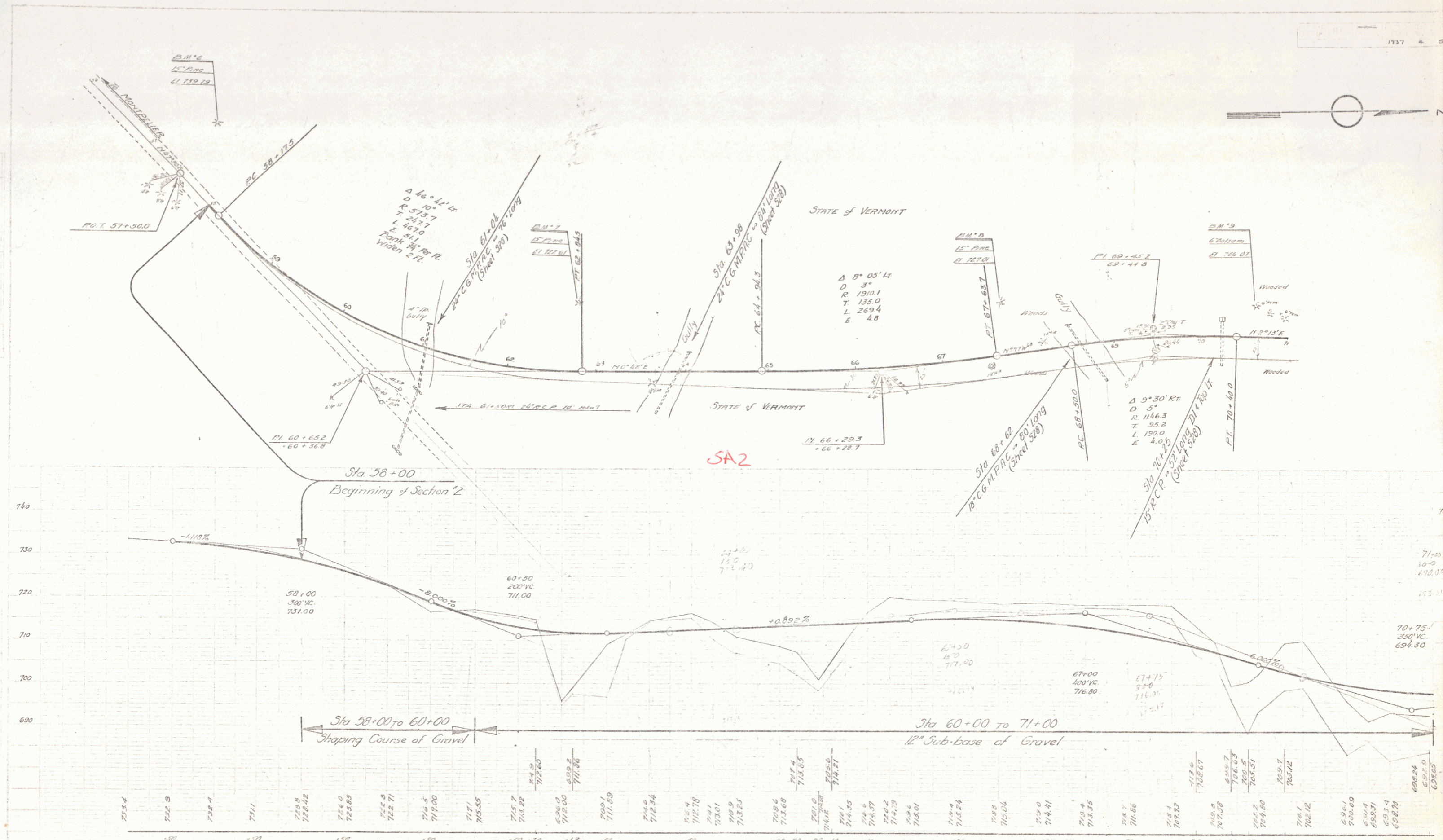
STA 42+00 STA 42+00
 END SECT "A" ST 212-L BEGIN SECT "B" ST 212-L



Wrightsville St. 212-L
 Section "B"
 SHEET 10 OF 10



Wrightsville St. 212-L
 Section "B"
 SHEET 2 OF 10



LINE	TYPE	DATE	BY

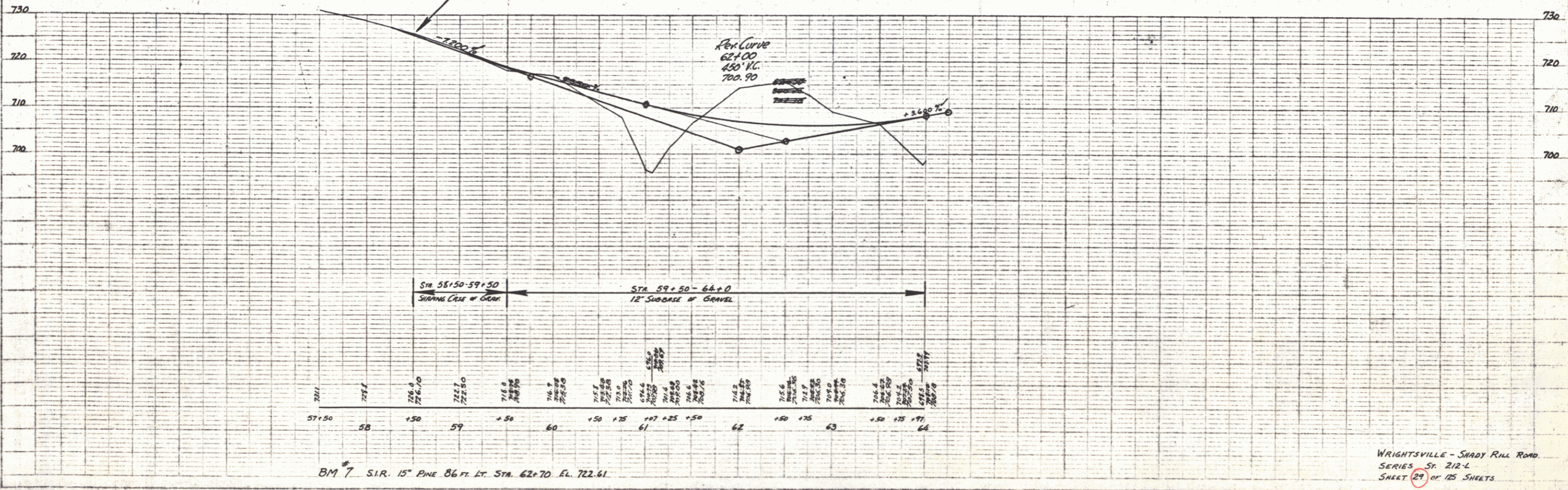
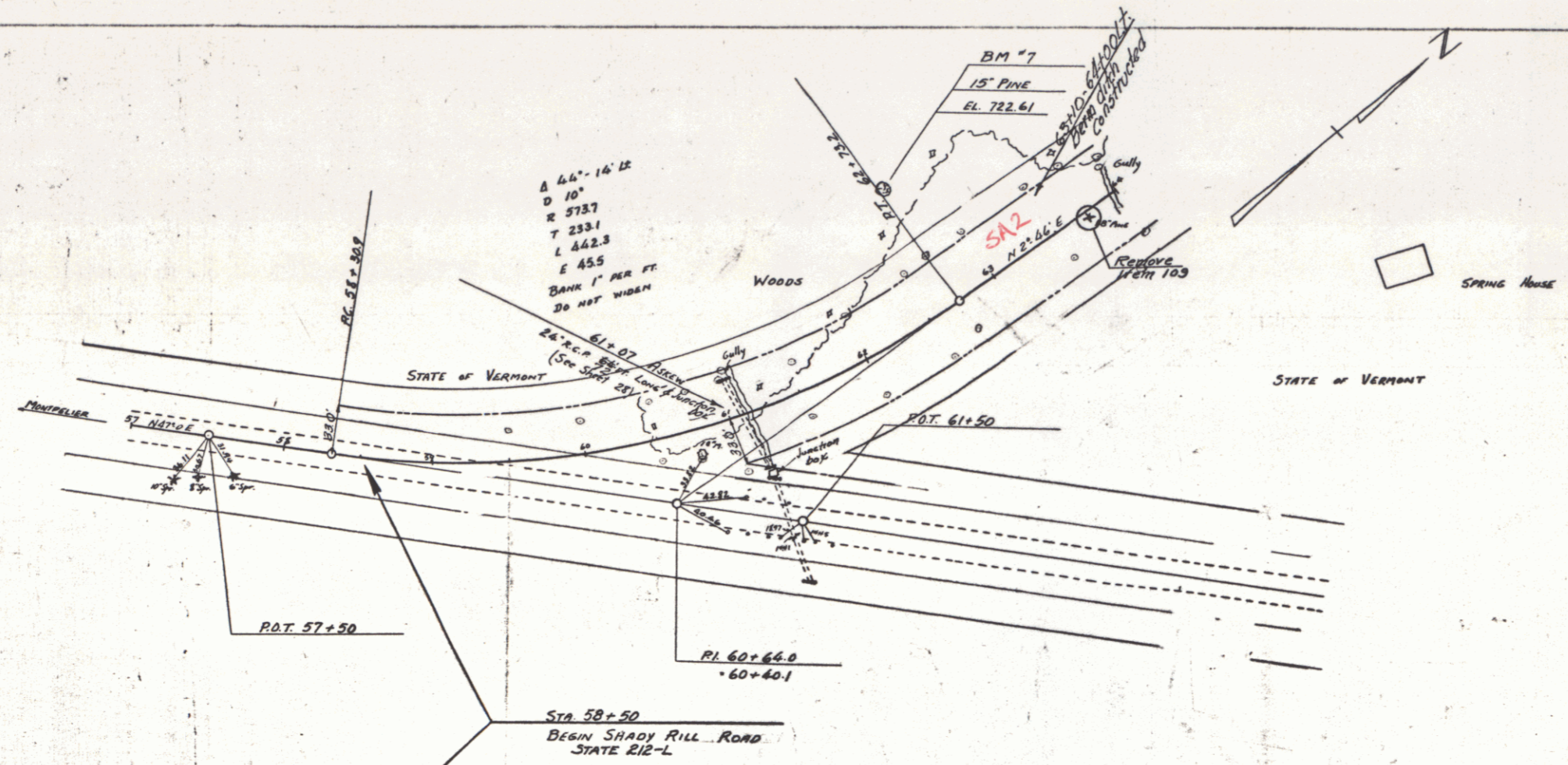
LINE	TYPE	DATE	BY

B.M.'C 15" PIPE IN ROOT OF 15" PINE 75' LT. STA. 57-35 ELEV. 739.79
 B.M.'7 " " " 15" " " 00' LT. STA. 62-75 ELEV. 722.61
 B.M.'8 " " " 15" " " 67' LT. STA. 67-75 ELEV. 727.01
 B.M.'9 " " " 6" BALSAM 35' LT. STA. 70-62 ELEV. 706.07

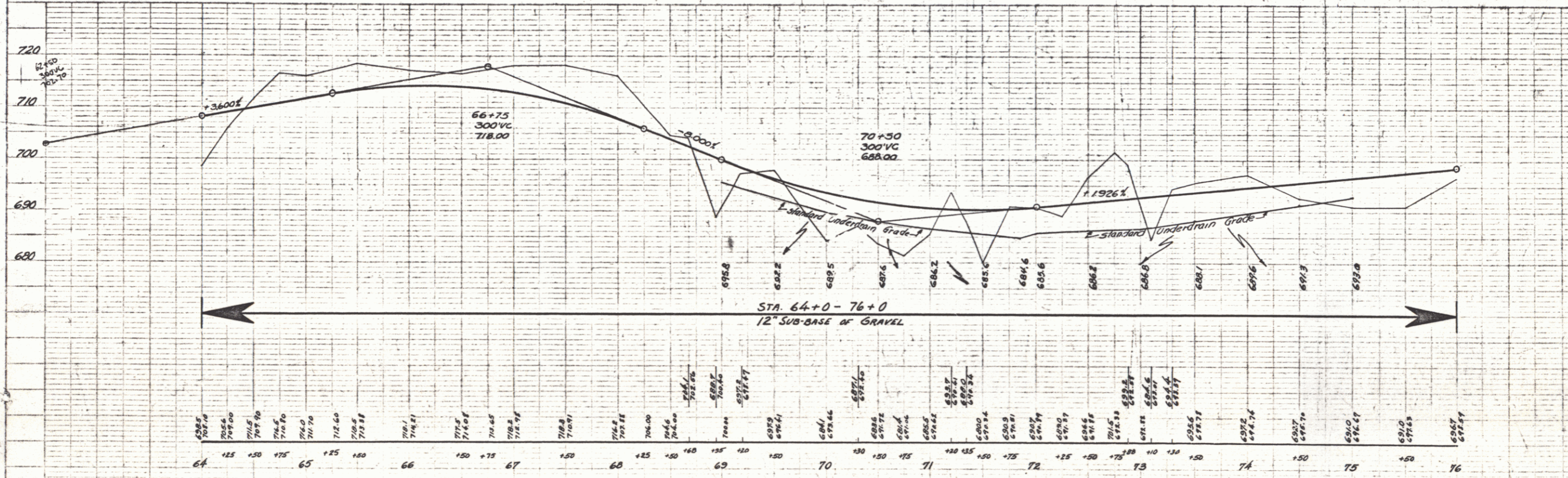
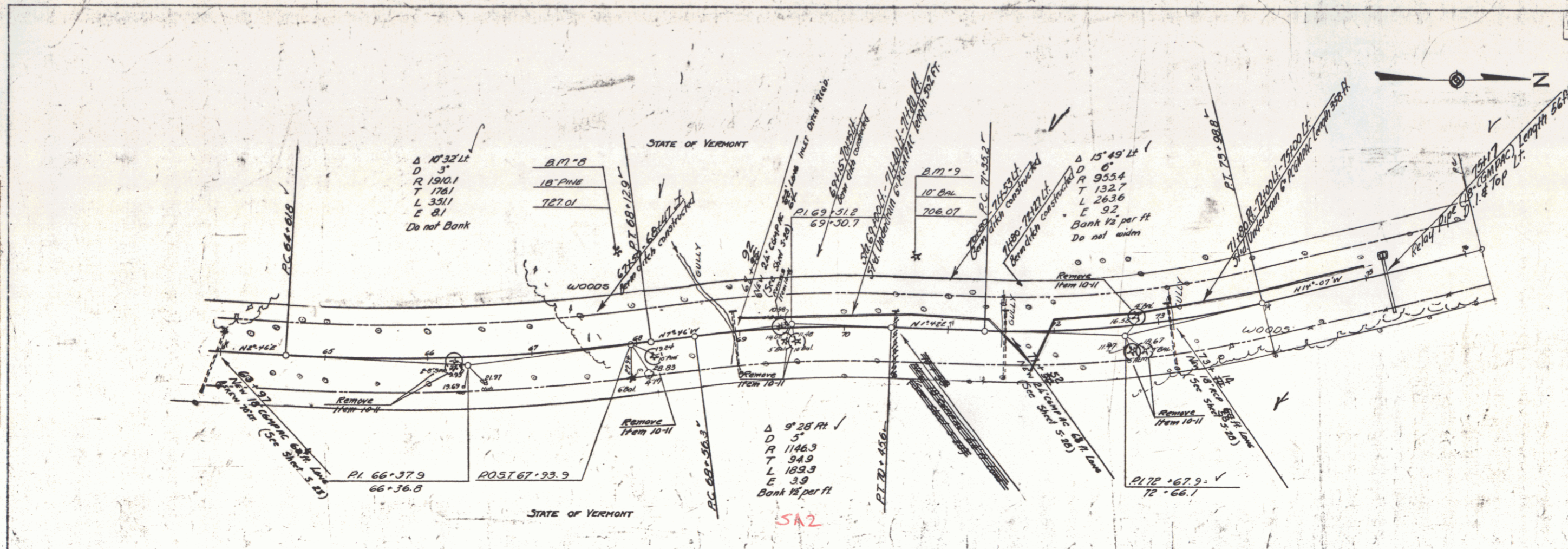
Town of Middlesex
 Wrightsville Re-location
 Section 2
 Sheet 2 of 52

PLAN
 REVISIONS
 DATE
 BY
 CHECKED
 DATE
 BY

PROFILE
 DATE
 BY
 CHECKED
 DATE
 BY

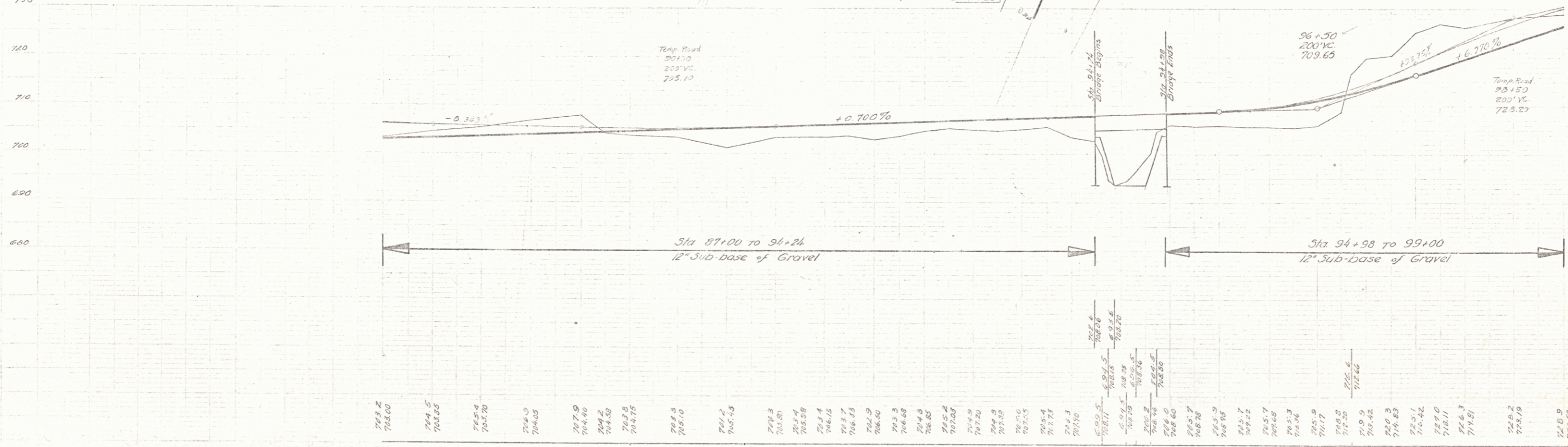
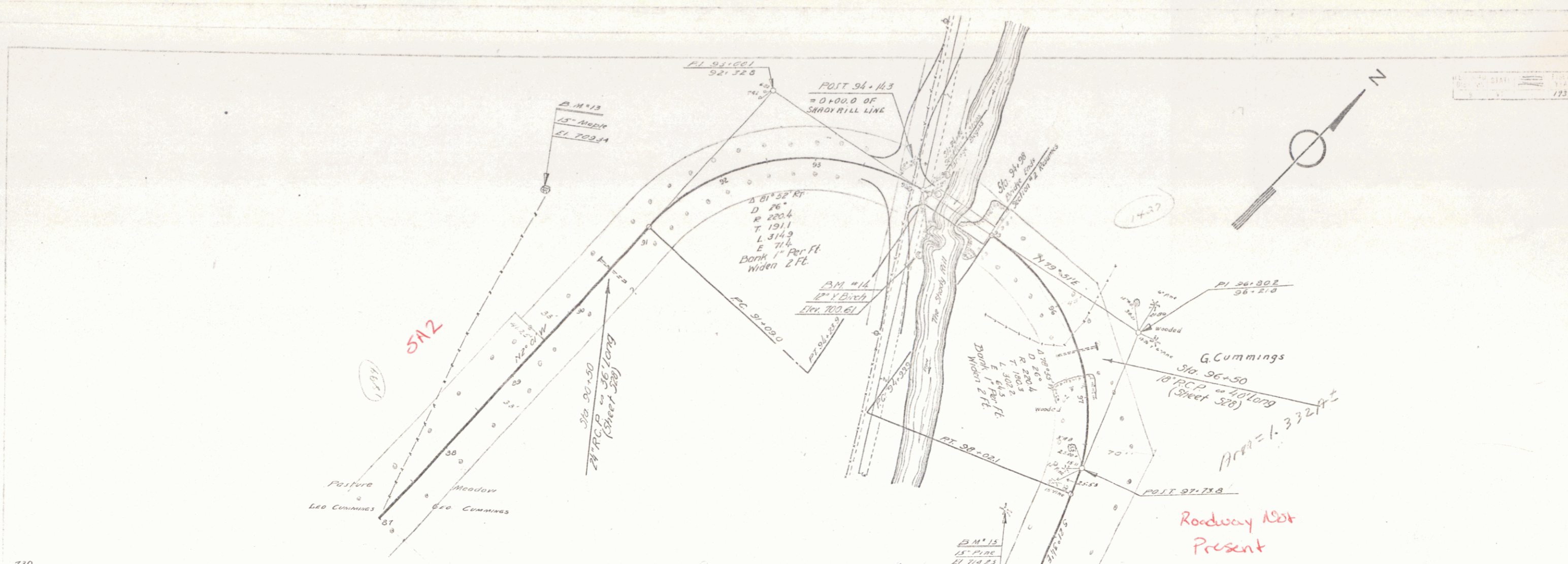


PLAN
 LANE
 ENGINEER
 DATE BOOK
 ALGAMANT CHECKED
 BY
 NO. OF P.W. CHECKED



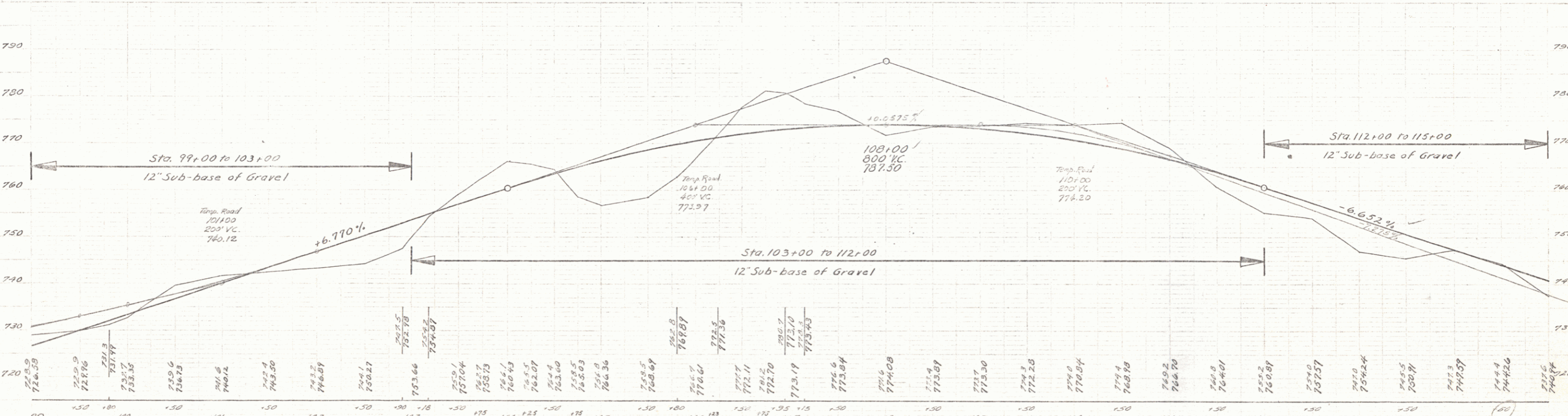
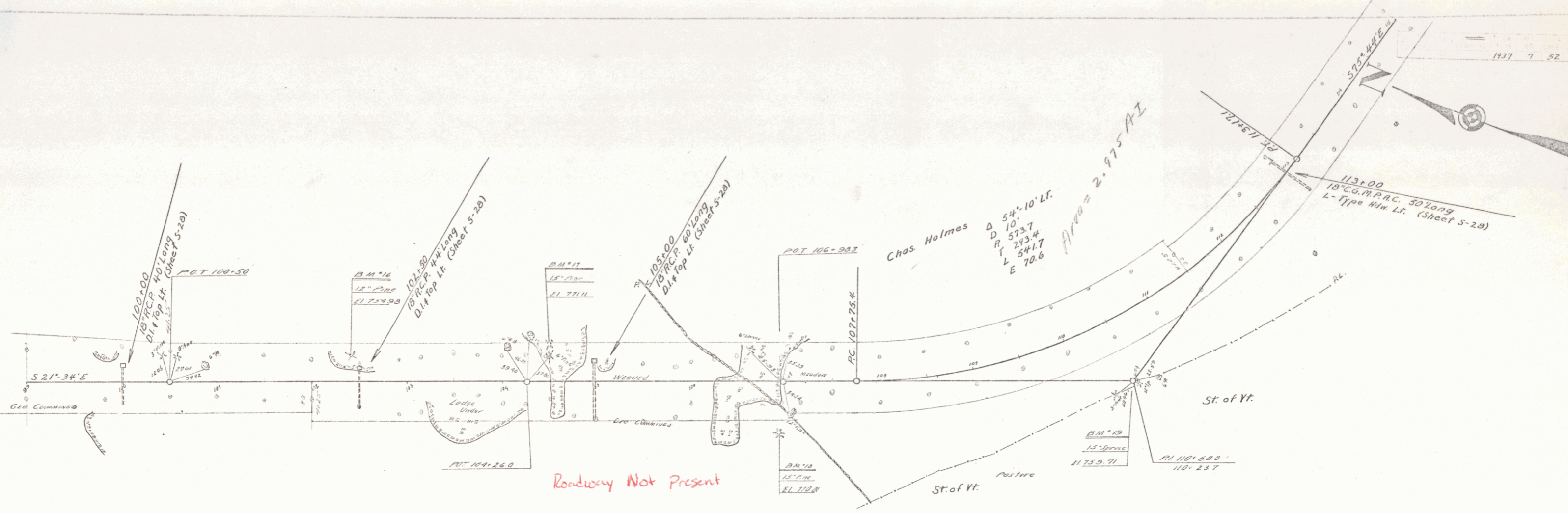
B.M.#8. S.I.R. 18" Pine. 87 Ft. Lt. Sta. 67+91. Elev. 727.01.
 B.M.#9. S.I.R. 10" Balsam 64 Ft. Lt. Sta. 70+68. Elev. 706.07.

WRIGHTSVILLE (SECTION 2)
 SHADY HILL ROAD
 SERIES STATE NO. 212 L
 SHEET 30 OF 125 SHEETS



BM #13 SPIKE IN ROOT OF 15' MAPLE 100' LT STA 90+62 ELEV 749.34
 BM #14 " " " 12' BIRCH 60' RT STA 94+20 ELEV 700.41
 BM #15 " " " 15' PINE 55' RT STA 90+40 ELEV 714.23

Town of Middlesex
 Wrightsville Relocation
 Section #2
 Sheet 6 of 52

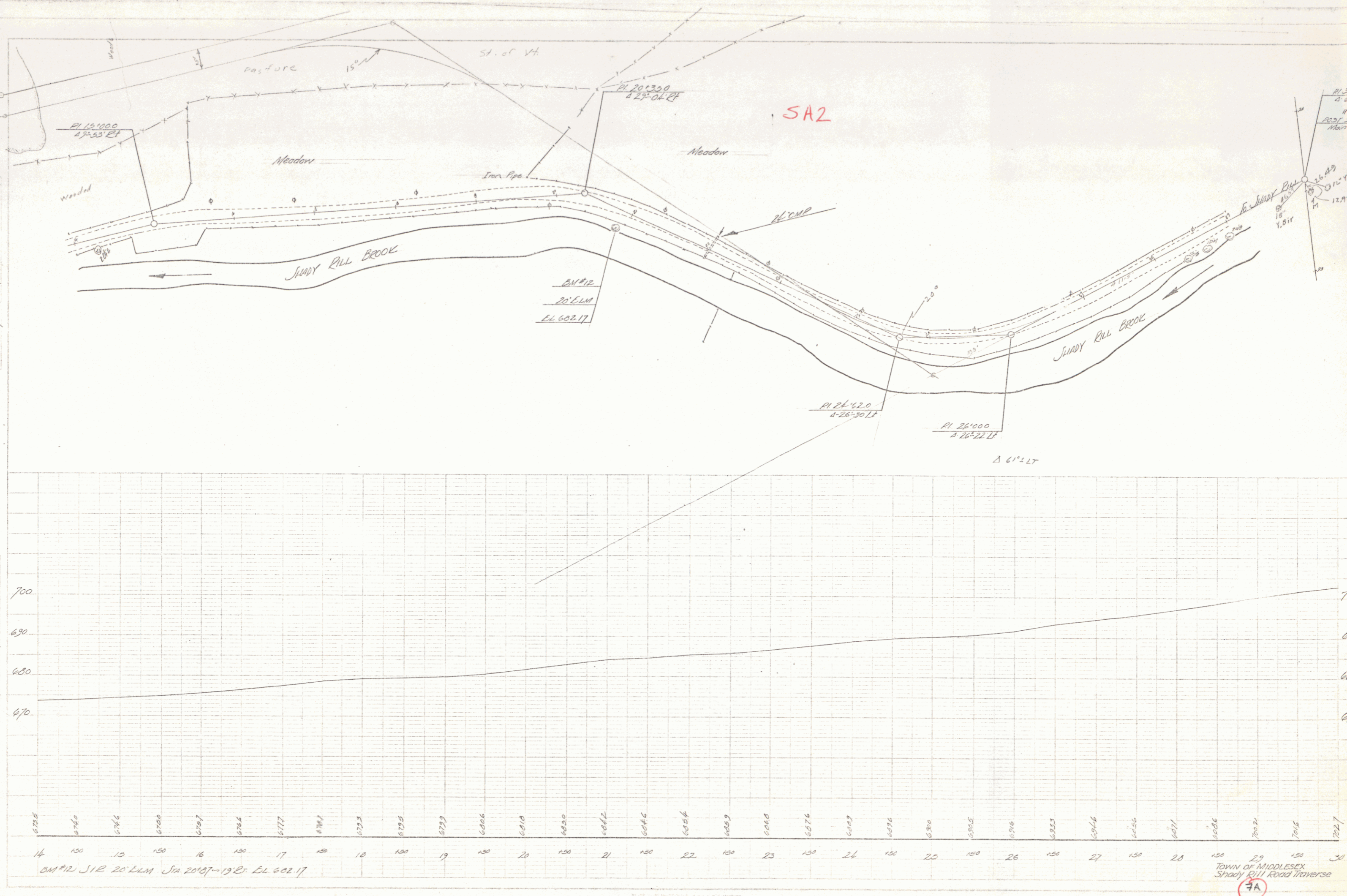


BM #16	SPIKE IN ROOT OF 12" PINE 30' LT STA. 102.42 ELEV. 754.90
BM #17	15" PINE 35' LT STA. 104+50 ELEV. 771.11
BM #18	15" SPRUCE 114' RT STA. 108+08 ELEV. 770.01
BM #19	15" SPRUCE 75' RT STA. 110+53 ELEV. 753.71

Town of Middlesex
Wrightsville Relocation
Section #2
Sheet 3 of 52

PLAN
 8-31
 2 Lines
 1.50
 1.50

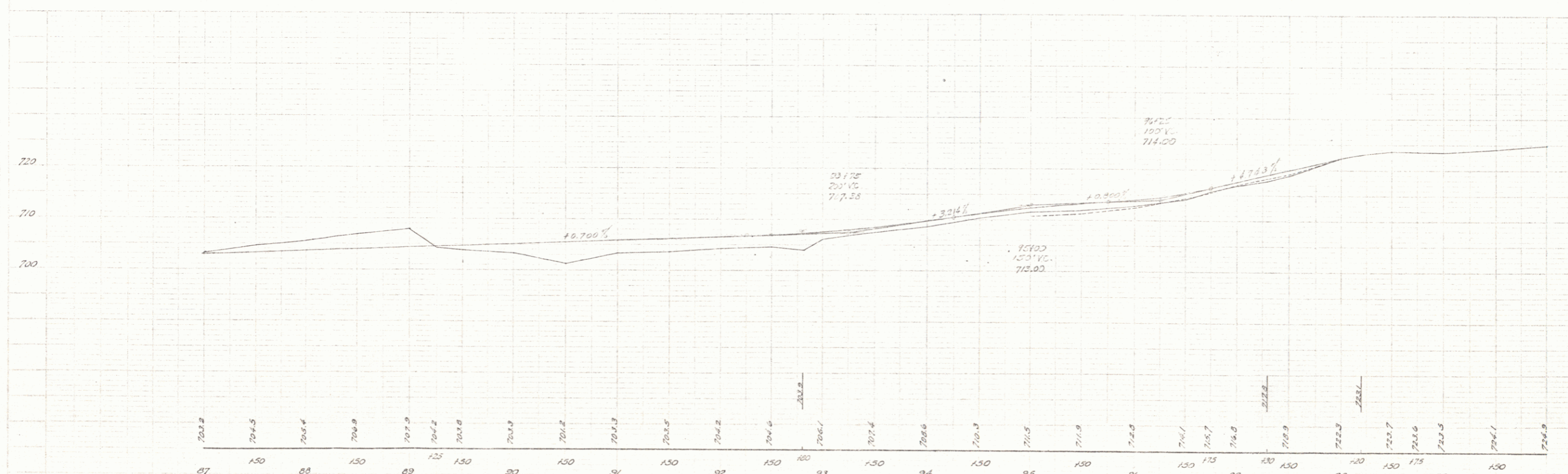
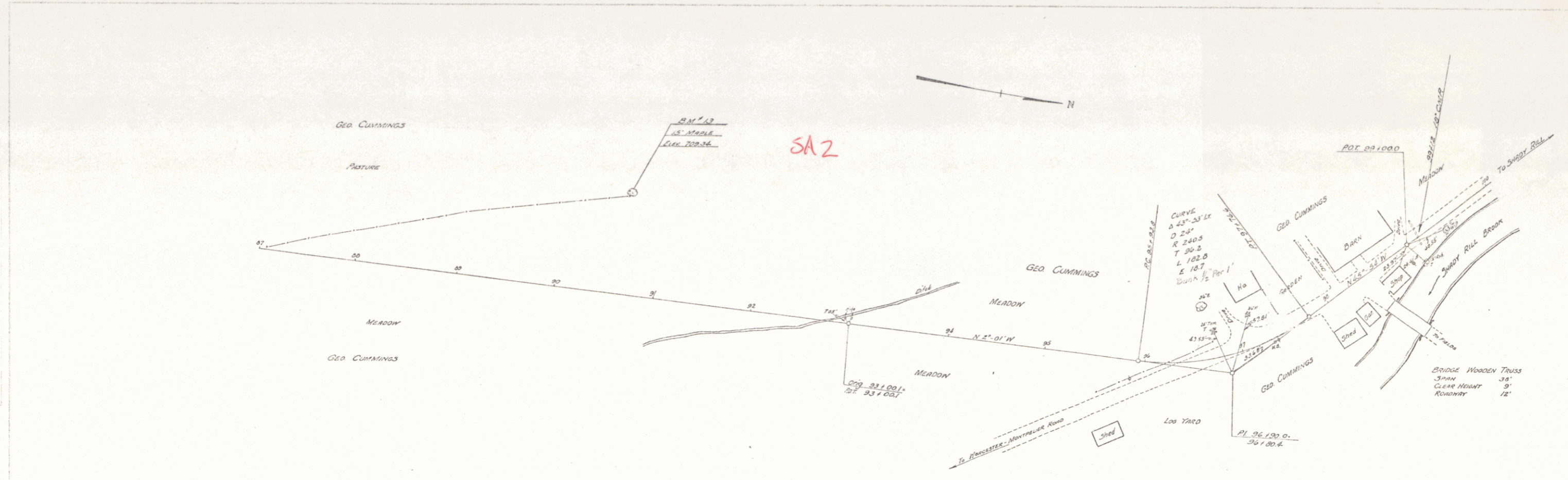
8-31
 2 Lines
 1.50
 1.50



20+12 SIB 20' LUM Sta 2007-1925 EL 602.17

TOWN OF MIDDLESEX
 Shady Hill Road Traverse

7A



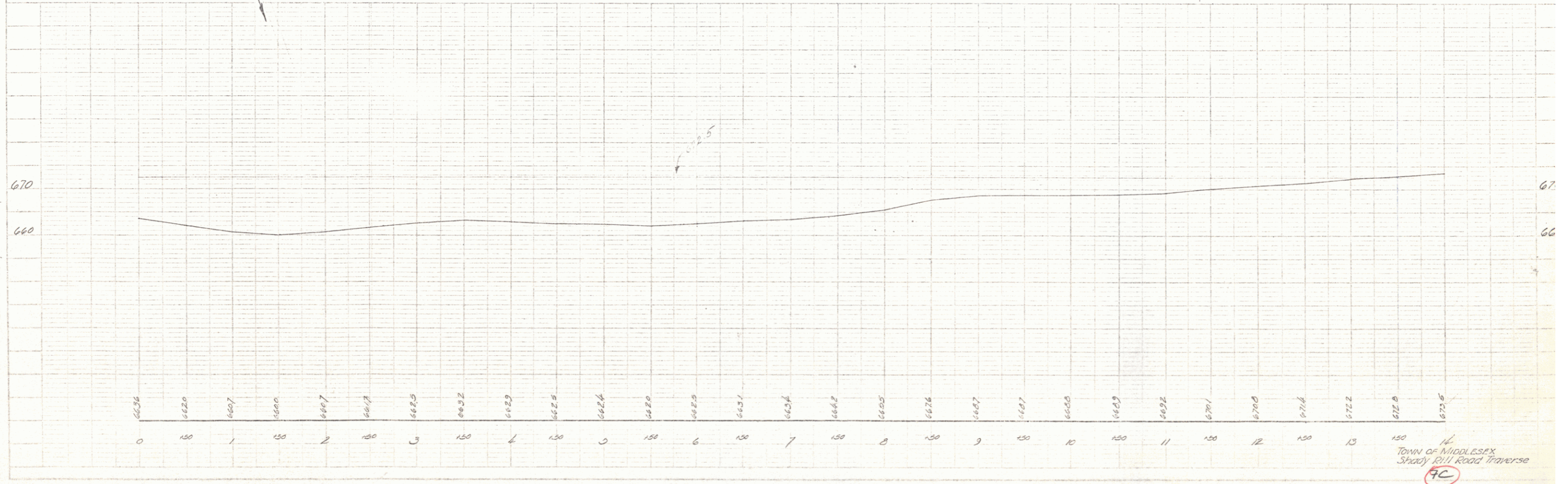
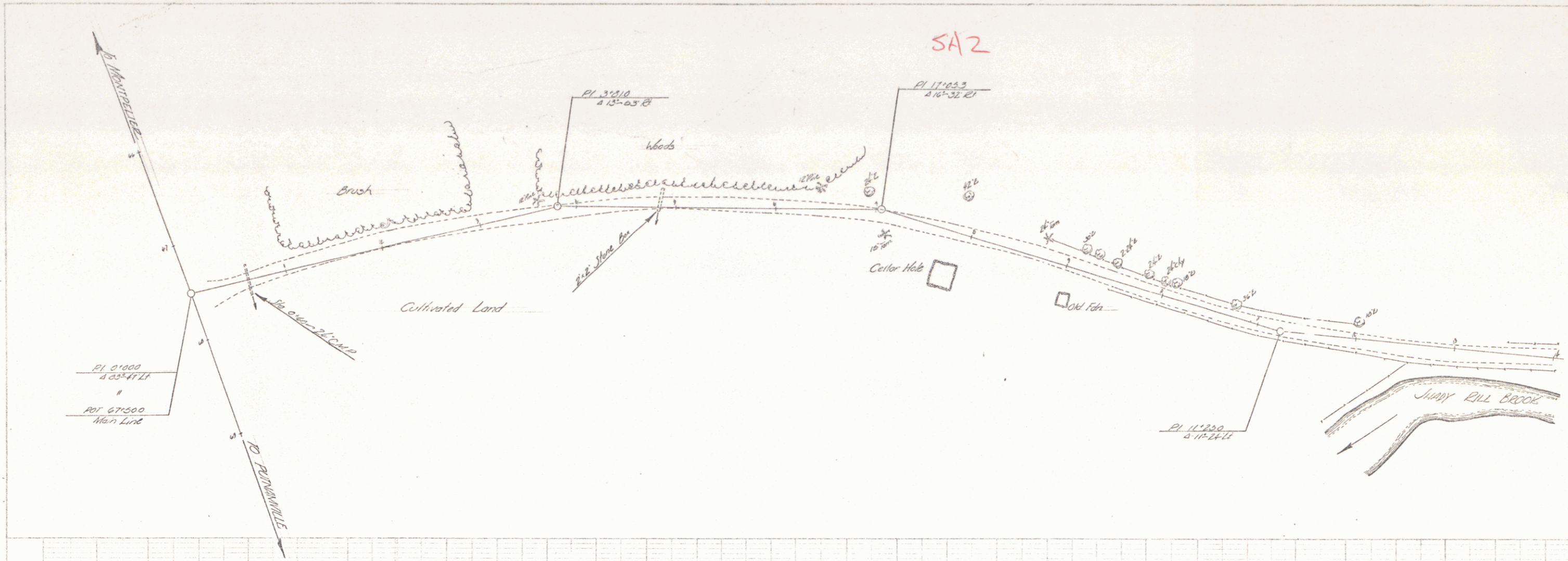
BM 13 SPIKE IN ROOT OF 15' MAPLE 100' LT OF STA 90+62 ELEV 709.34

TOWN OF MIDDLESEX
WRIGHTSVILLE RELOCATION
SHADY HILL BRIDGE

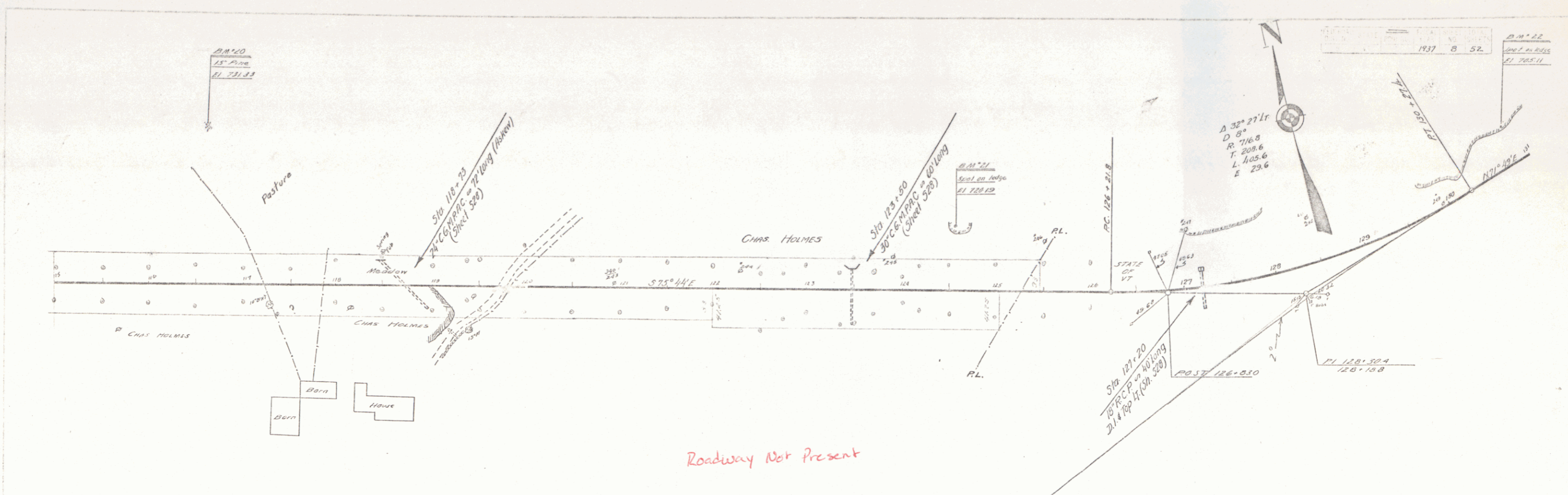
78

PLAN	DATE	BY	SCALE
1744500	1-31	J. Linn	1" = 100'
101 67500			
1744500			
101 67500			

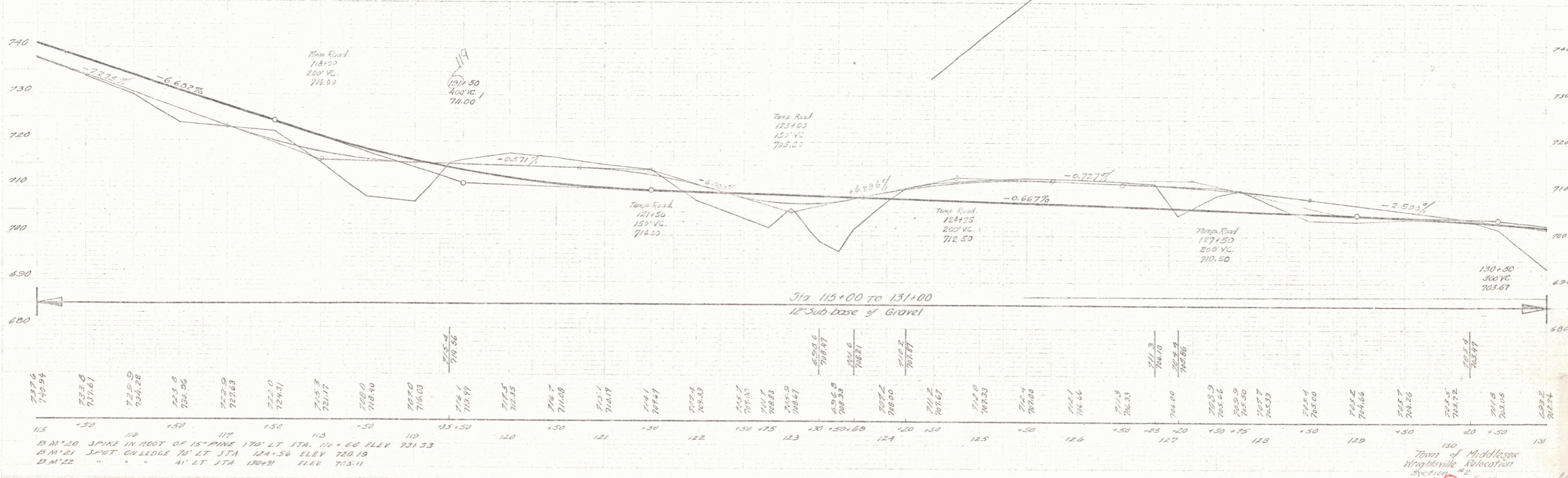
PLAN	DATE	BY	SCALE
1744500	1-31	J. Linn	1" = 100'
101 67500			
1744500			
101 67500			



TOWN OF MIDDLESEX
Shady Hill Road Traverse
9C

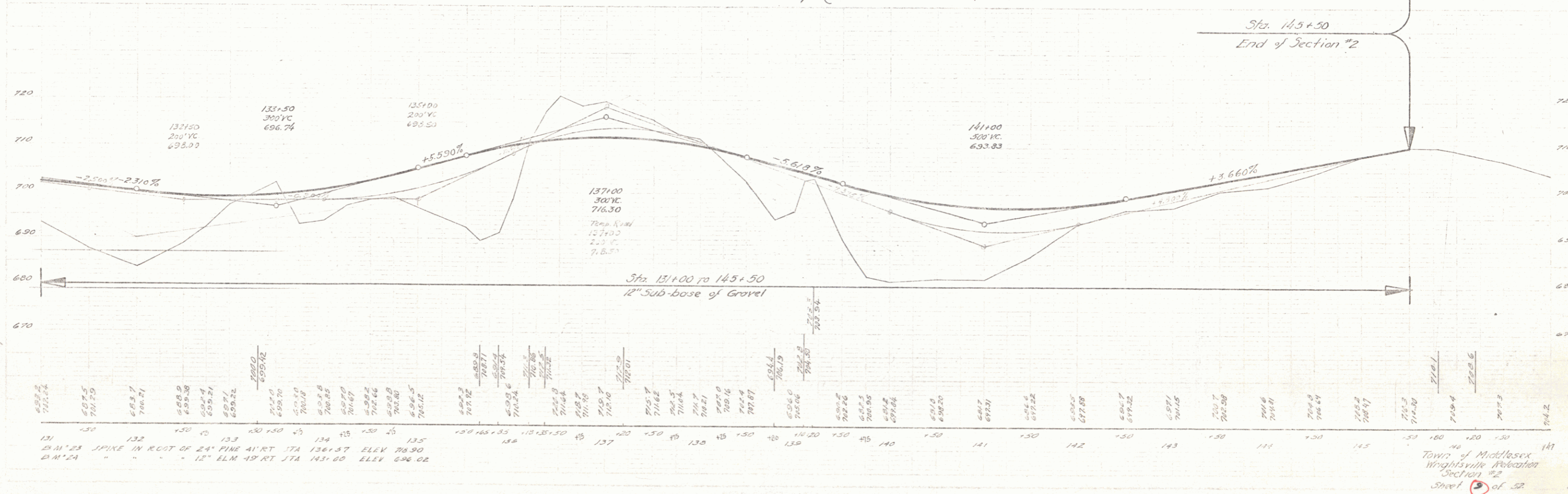
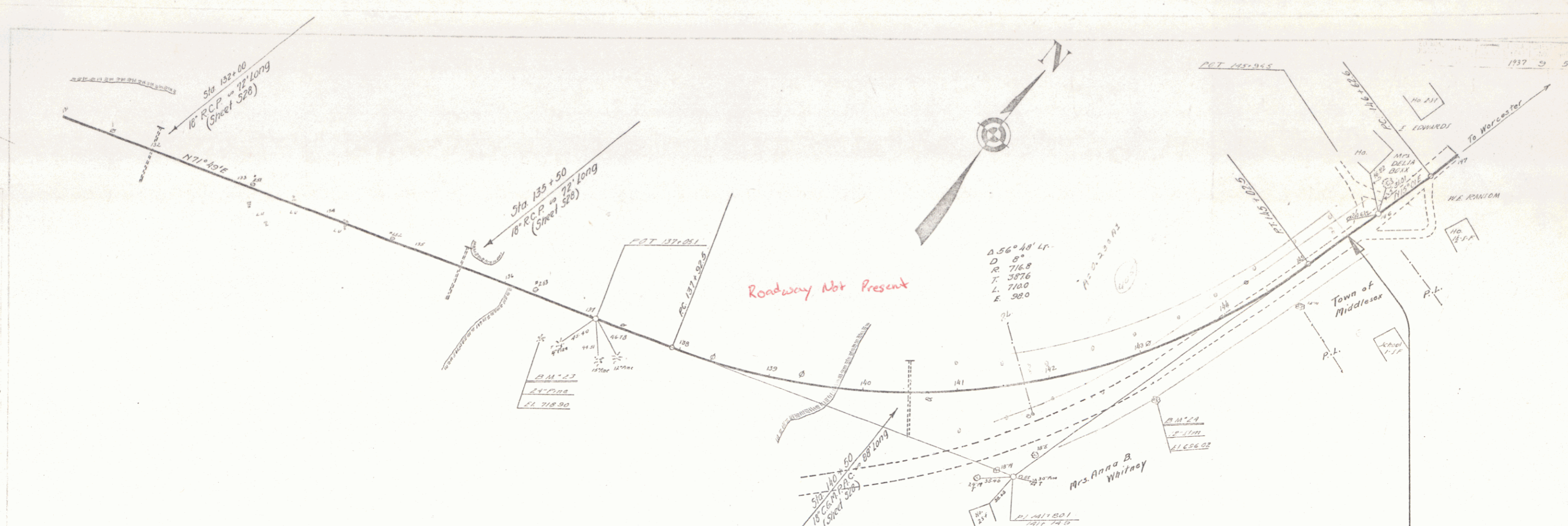


Roadway Not Present



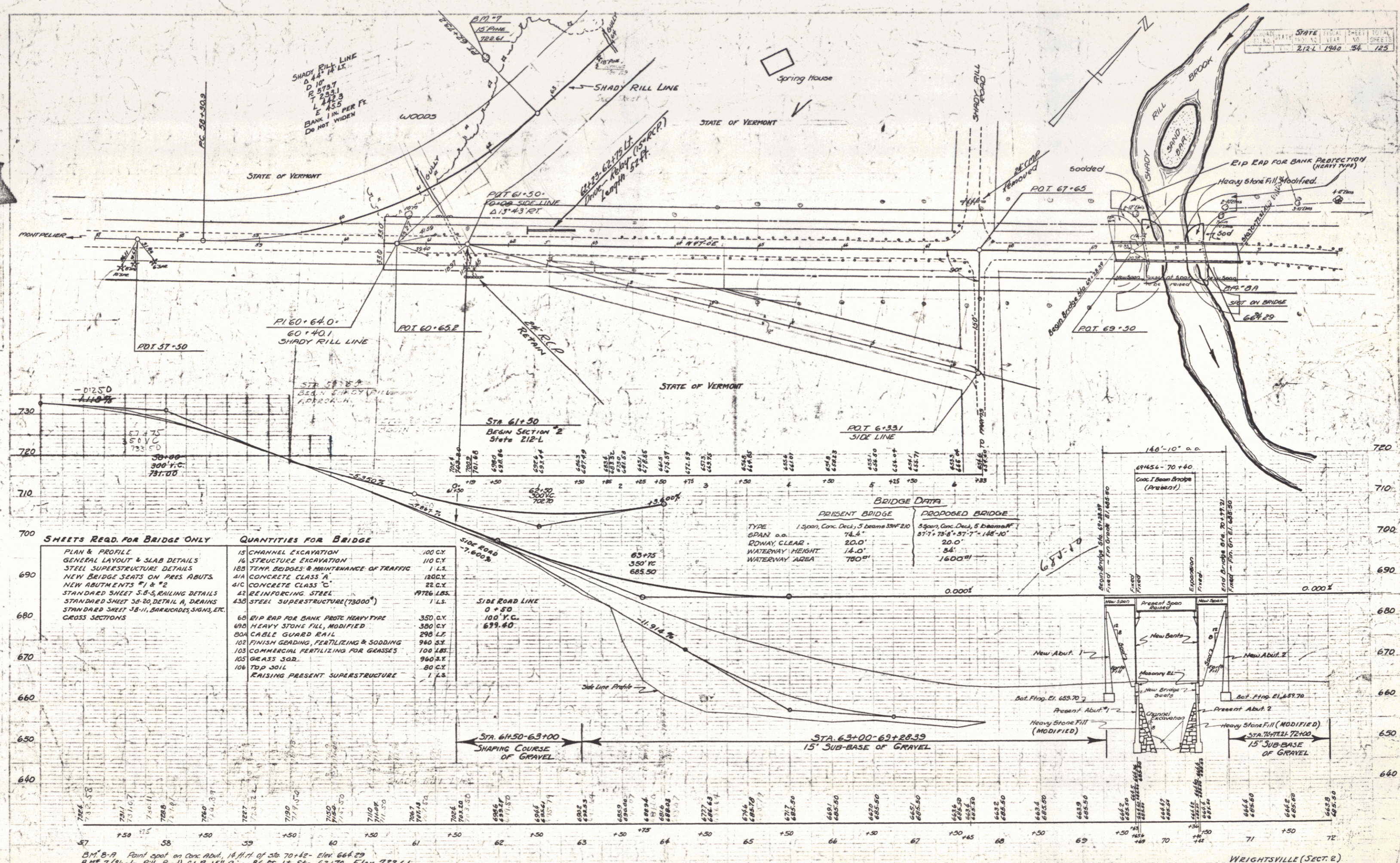
B.M. 20 SPIKE IN ROOT OF 15" PINE 170' LT STA. 116+66 ELEV 731.33
 B.M. 21 SPOT ON LEGS 70' LT STA. 124+56 ELEV 720.19
 B.M. 22 " " " " 41' LT STA. 130+41 ELEV 705.11

Town of Middlesex
 Windham Abolition
 Section 22
 Street 2 of 52



131	711.22
132	701.50
133	693.27
134	688.9
135	684.4
136	689.7
137	695.42
138	701.0
139	706.8
140	712.5
141	718.2
142	723.9
143	729.6
144	735.3
145	741.0
146	746.7
147	752.4
148	758.1
149	763.8
150	769.5
151	775.2
152	780.9
153	786.6
154	792.3
155	798.0
156	803.7
157	809.4
158	815.1
159	820.8
160	826.5
161	832.2
162	837.9
163	843.6
164	849.3
165	855.0
166	860.7
167	866.4
168	872.1
169	877.8
170	883.5
171	889.2
172	894.9
173	900.6
174	906.3
175	912.0
176	917.7
177	923.4
178	929.1
179	934.8
180	940.5
181	946.2
182	951.9
183	957.6
184	963.3
185	969.0
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187	980.4
188	986.1
189	991.8
190	997.5
191	1003.2
192	1008.9
193	1014.6
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195	1026.0
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211	1117.2
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215	1140.0
216	1145.7
217	1151.4
218	1157.1
219	1162.8
220	1168.5
221	1174.2
222	1179.9
223	1185.6
224	1191.3
225	1197.0
226	1202.7
227	1208.4
228	1214.1
229	1219.8
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231	1231.2
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249	1336.6
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251	1348.8
252	1354.9
253	1361.0
254	1367.1
255	1373.2
256	1379.3
257	1385.4
258	1391.5
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262	1415.9
263	1422.0
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265	1434.2
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269	1458.6
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273	1483.0
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275	1495.2
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285	1556.2
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288	1574.5
289	1580.6
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292	1598.9
293	1605.0
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297	1629.4
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312	1720.9
313	1727.0
314	1733.1
315	1739.2
316	1745.3
317	1751.4
318	1757.5
319	1763.6
320	1769.7
321	1775.8
322	1781.9
323	1788.0
324	1794.1
325	1800.2
326	1806.3
327	1812.4
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329	1824.6
330	1830.7
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334	1855.1
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339	1885.6
340	1891.7
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343	1910.0
344	1916.1
345	1922.2
346	1928.3
347	1934.4
348	1940.5
349	1946.6
350	1952.7
351	1958.8
352	1964.9
353	1971.0
354	1977.1
355	1983.2
356	1989.3
357	1995.4
358	2001.5
359	2007.6
360	2013.7
361	2019.8
362	2025.9
363	2032.0
364	2038.1
365	2044.2
366	2050.3
367	2056.4
368	2062.5
369	2068.6
370	2074.7
371	2080.8
372	2086.9
373	2093.0
374	2099.1
375	2105.2
376	2111.3
377	2117.4
378	2123.5
379	2129.6
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381	2141.8
382	2147.9
383	2154.0
384	2160.1
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386	2172.3
387	2178.4
388	2184.5
389	2190.6
390	2196.7
391	2202.8
392	2208.9
393	2215.0
394	2221.1
395	2227.2
396	2233.3
397	2239.4
398	2245.5
399	2251.6
400	2257.7

Town of Middlesex
Wrightsville Relocation
Section #2
Sheet 33 of 52



SHEETS READ FOR BRIDGE ONLY

- PLAN & PROFILE
- GENERAL LAYOUT & SLAB DETAILS
- STEEL SUPERSTRUCTURE DETAILS
- NEW BRIDGE SEATS ON PIER ABUTTS
- NEW ABUTMENTS #1 & #2
- STANDARD SHEET 5-B-5, RAILING DETAILS
- STANDARD SHEET 3B-20, DETAIL A, DRAINS
- STANDARD SHEET 3B-11, BARRICADES, SIGNS, ETC.
- CROSS SECTIONS

QUANTITIES FOR BRIDGE

- 15 CHANNEL EXCAVATION 100 CY
- 16 STRUCTURE EXCAVATION 110 CY
- 108 TEMP. BRIDGES & MAINTENANCE OF TRAFFIC 1 L.S.
- 41A CONCRETE CLASS 'A' 180 CY
- 41C CONCRETE CLASS 'C' 22 CY
- 42 REINFORCING STEEL 4766 LBS.
- 43 STEEL SUPERSTRUCTURE (73000') 1 L.S.
- 60 EIP END FOR BANK PROTECT HEAVY TYPE 350 CY
- 69A HEAVY STONE FILL, MODIFIED 380 CY
- 80A CABLE GUARD RAIL 290 LF
- 102 FINISH GRADING, FERTILIZING & SODDING 960 SQ.
- 103 COMMERCIAL FERTILIZING FOR GRASSES 100 LBS.
- 105 GRASS SOD 960 SQ.
- 106 TOP SOIL 80 CY
- RAISING PRESENT SUPERSTRUCTURE 1 L.S.

SIDE ROAD LINE
 0 + 50
 100 Y.C.
 639.60

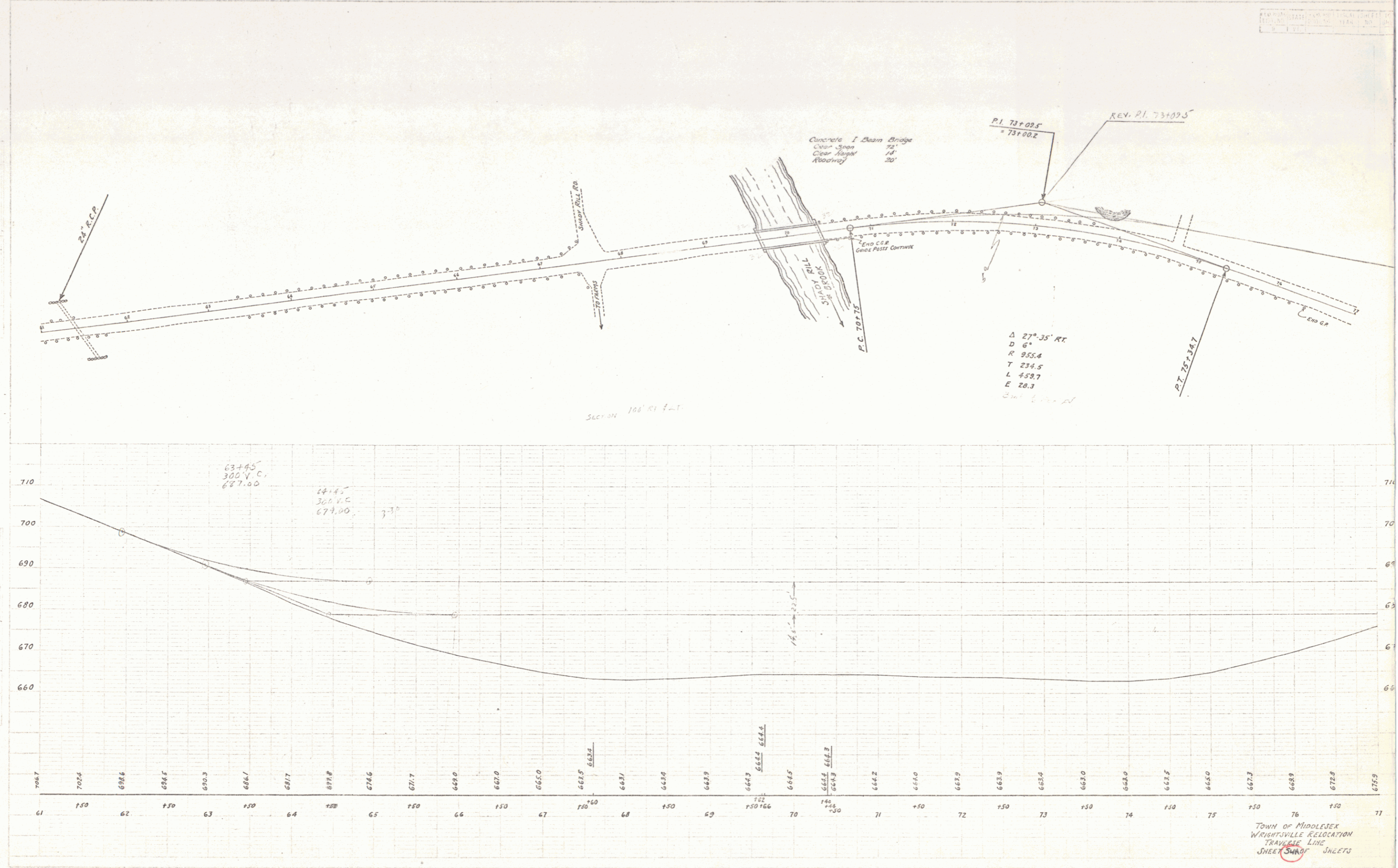
	PRESENT BRIDGE	PROPOSED BRIDGE
TYPE	1 span, Conc. Deck, 5 Beams SW*20	3 spans, Conc. Deck, 5 Beams SW*20
SPAN	20.0'	27.1', 24.4', 27.1', 14.6', 20.0'
ROWAY CLEAR	20.0'	20.0'
WATERWAY HEIGHT	14.0'	54'
WATERWAY AREA	780 SQ.	1600 SQ.

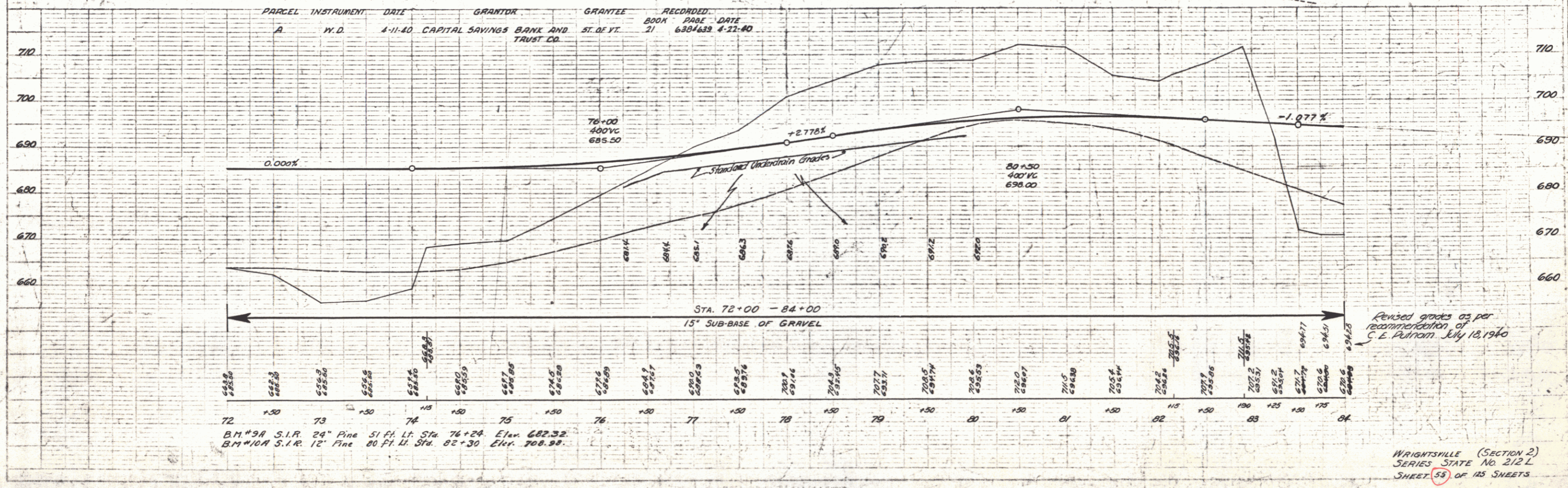
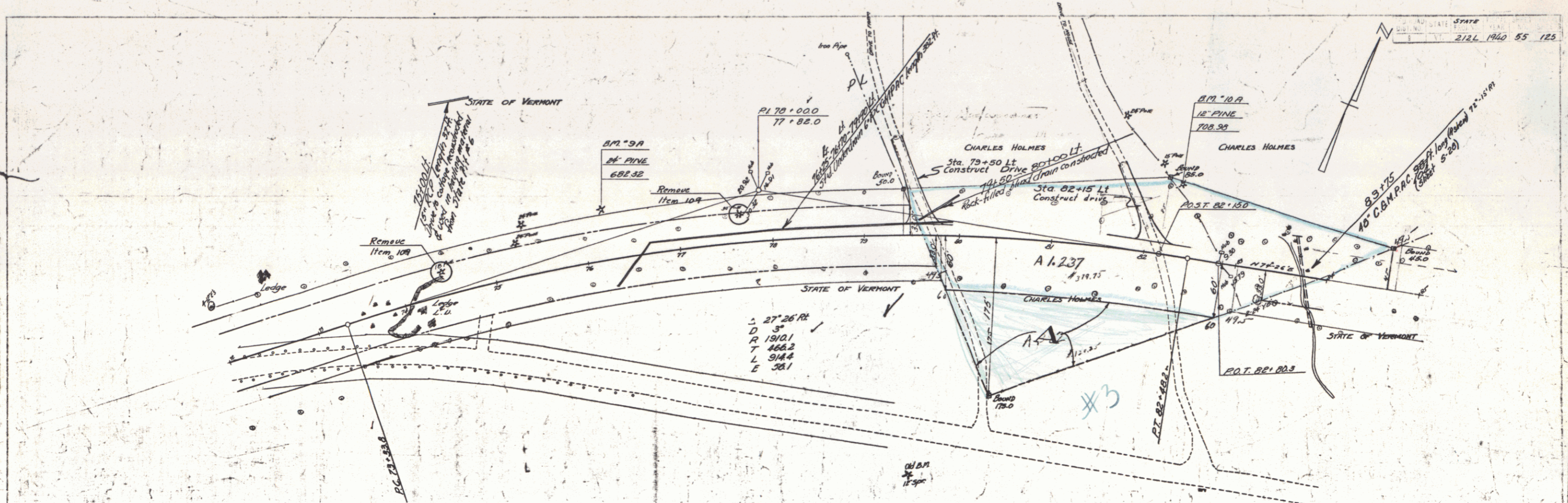
BM B-19 Point spot on Conc. Road, 14 ft. N. of Sta. 70+42 - Elev. 644.29
 BM T (Shady Hill Road) S.I.R. 15" Pine 84 ft. Lt. Sta. 62+70. Elev. 722.61

WRIGHTSVILLE (SECT. 2)
 SERIES ST. 212-L
 SHEET 54 OF 125 SHEETS

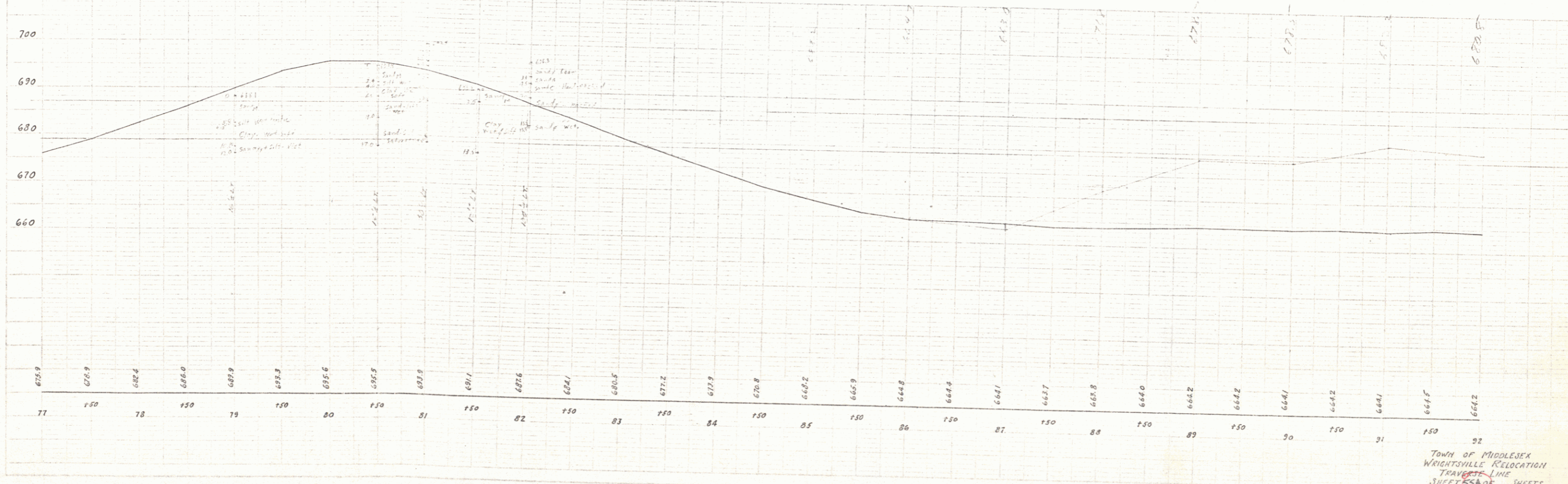
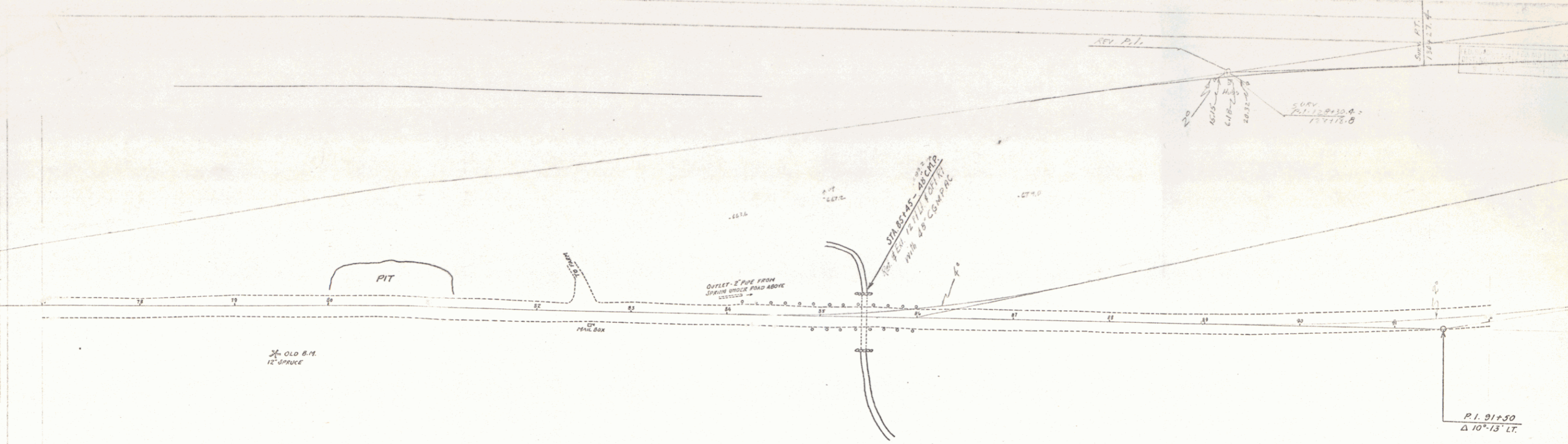
DATE
 DRAWN BY
 CHECKED BY
 PROJECT NO.
 SHEET NO.

DATE
 DRAWN BY
 CHECKED BY
 PROJECT NO.
 SHEET NO.





B.M. #9A S.I.R. 24" Pine 51 Ft. Lt. Sta. 76+24 Elev. 682.32
 B.M. #10A S.I.R. 12" Pine 80 Ft. Lt. Sta. 82+30 Elev. 700.98



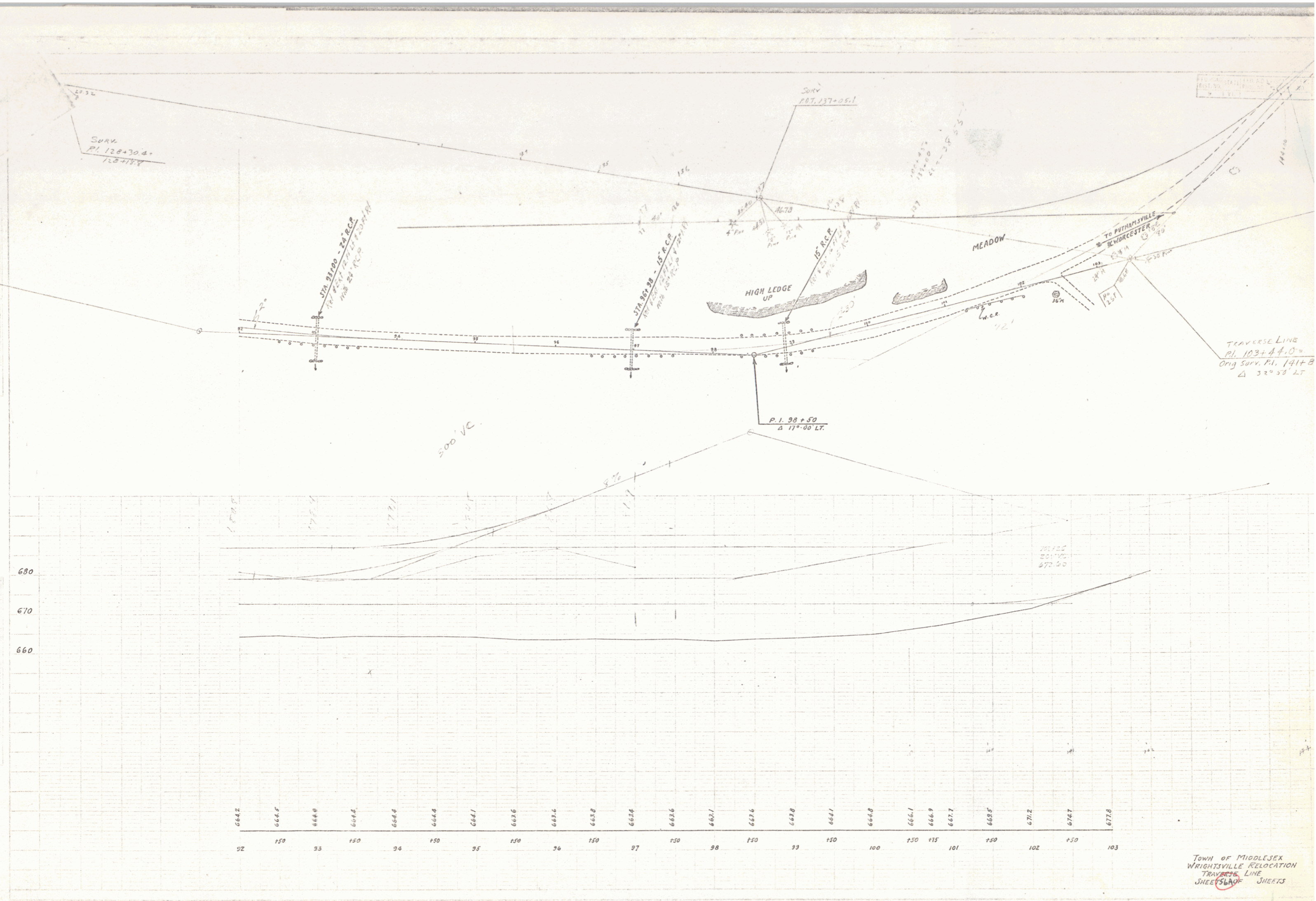
PLAN
SCALE
DATE

PROFILE
SCALE
DATE

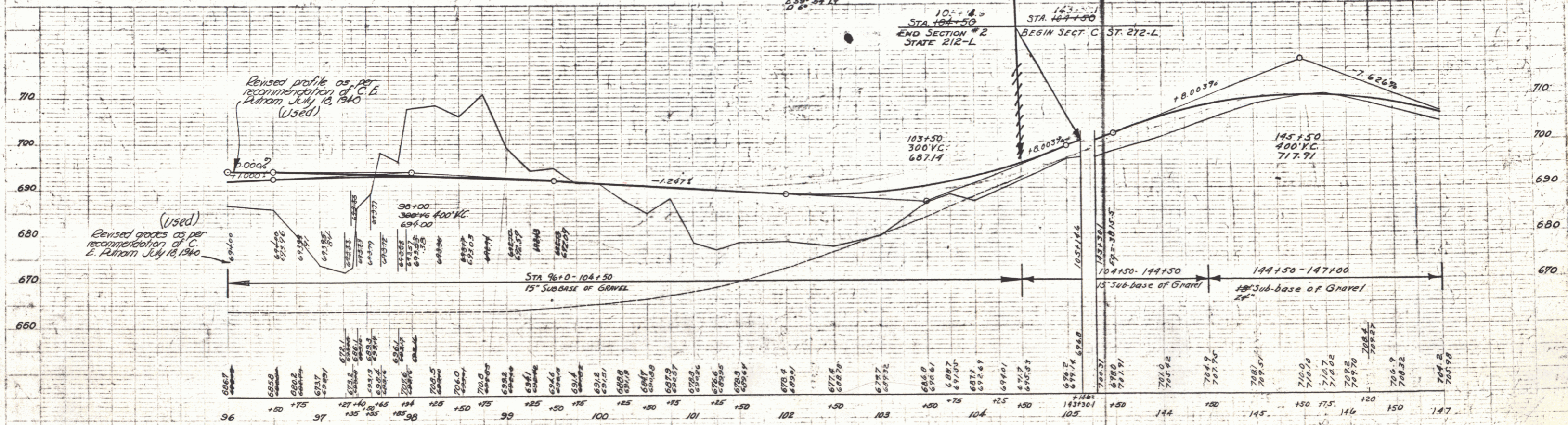
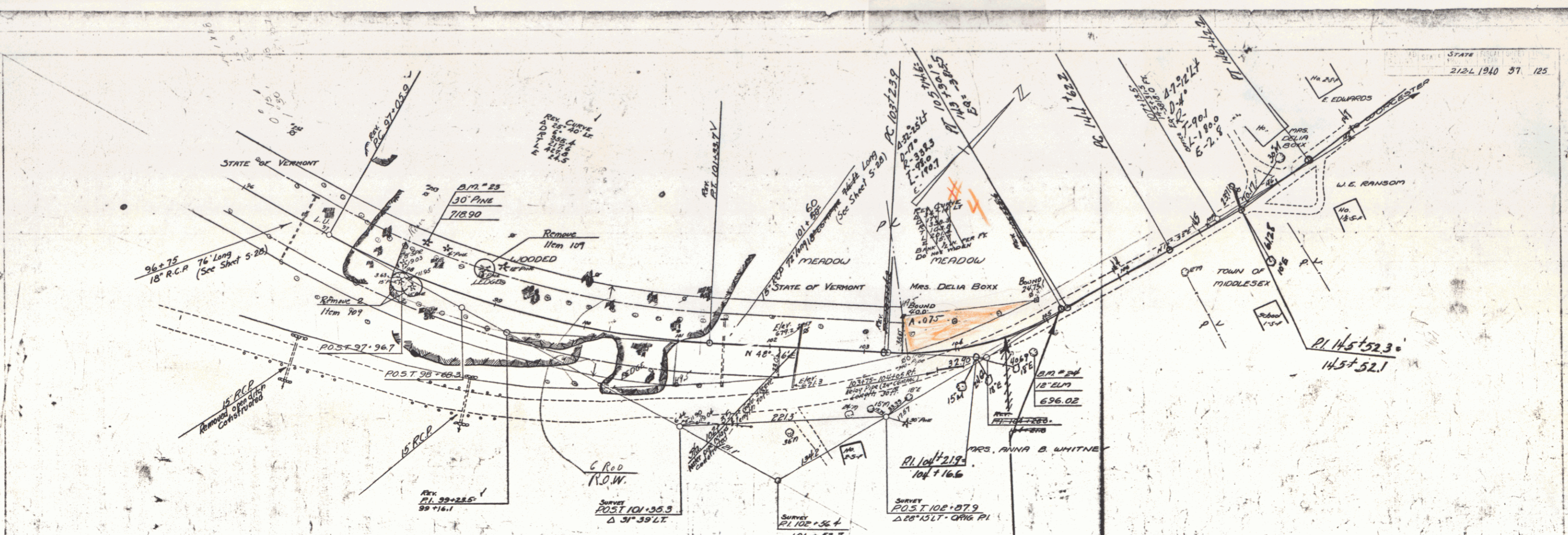
TOWN OF MIDDLESEX
WRIGHTSHILLE RELOCATION
TRAVERSE LINE
SHEET 53 OF SHEETS

DATE
 DRAWN BY
 CHECKED BY
 SCALE
 SHEET NO.

DATE
 DRAWN BY
 CHECKED BY
 SCALE
 SHEET NO.

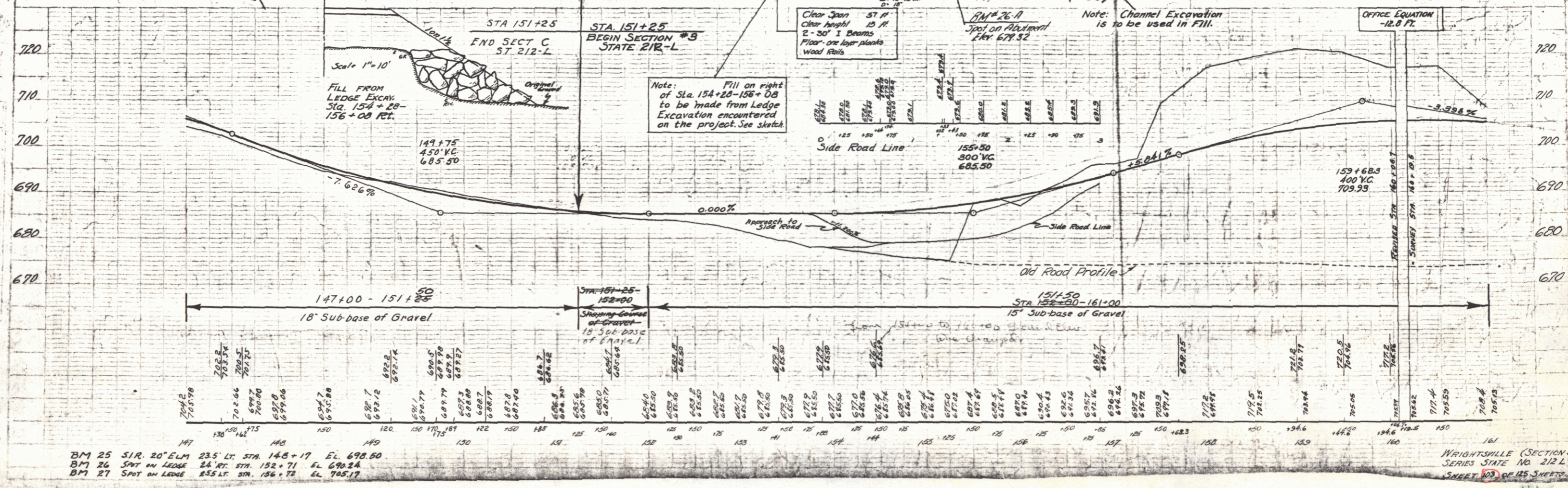
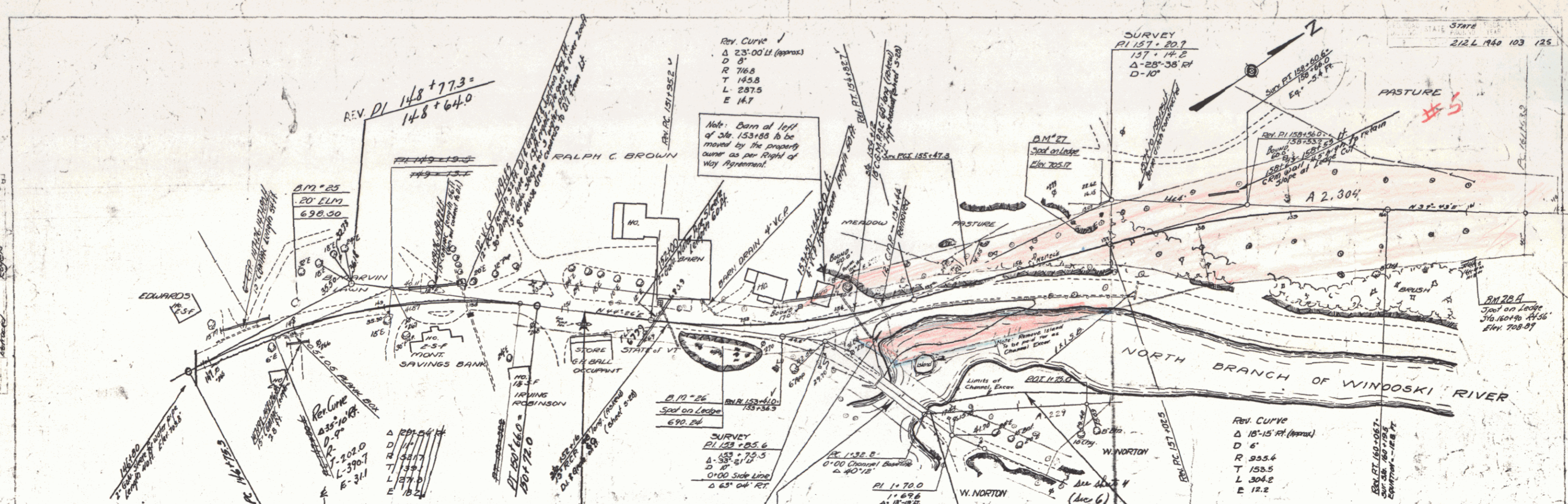


TOWN OF MIDDLESEX
 WRIGHTSVILLE RELOCATION
 TRAVERSE LINE
 SHEETS 36 SHEETS



B.M. #23 S.I.R. 30' Pine 42 Ft. H. Sta 98+15 Elev 718.90
 B.M. #24 S.I.R. 12' Elm 25 Ft. H. Sta. 104+75 Elev. 696.02

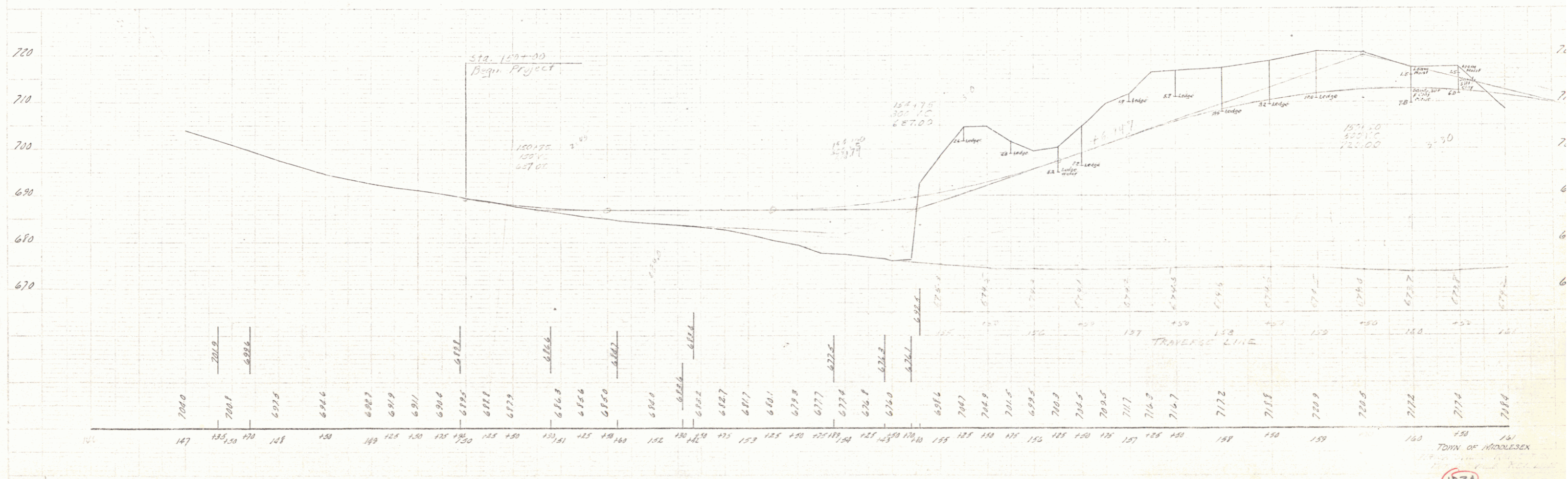
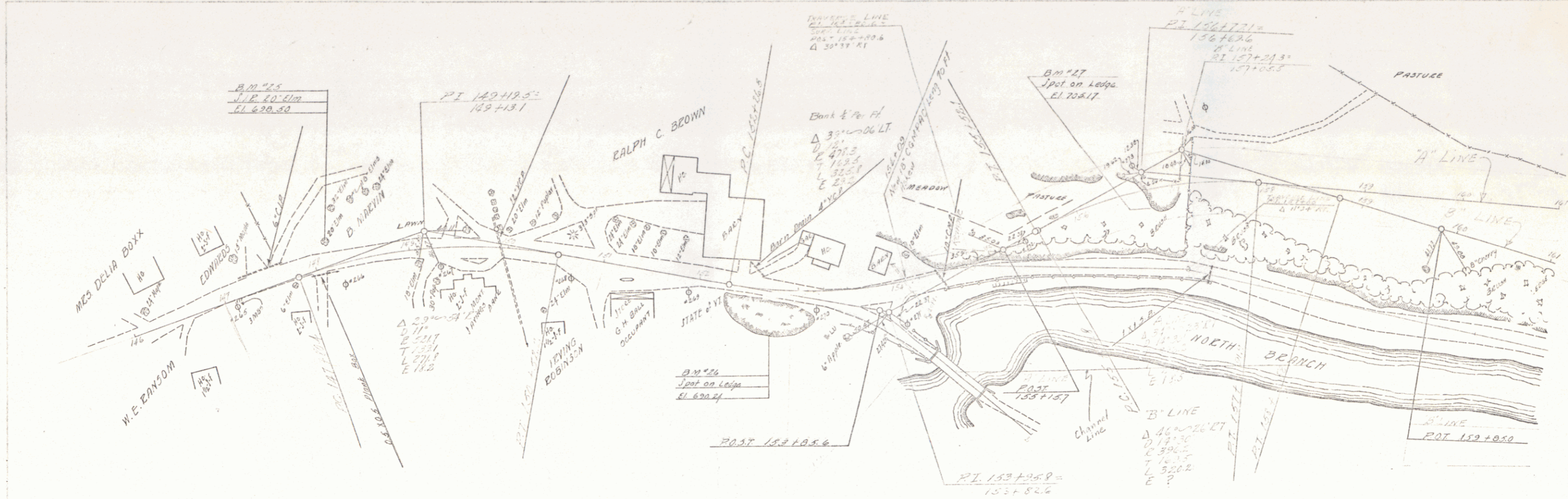
WRIGHTVILLE (SECTION 2)
 SERIES STATE NO. 212-L
 SHEET 37 OF 125 SHEETS



BM 25 S.R. 20' ELM 23.5' LT. STA. 148+17 EL. 698.50
 BM 26 SPOT ON LEDGE 24' RT. STA. 152+71 EL. 690.24
 BM 27 SPOT ON LEDGE 8.55' LT. STA. 156+72 EL. 705.17

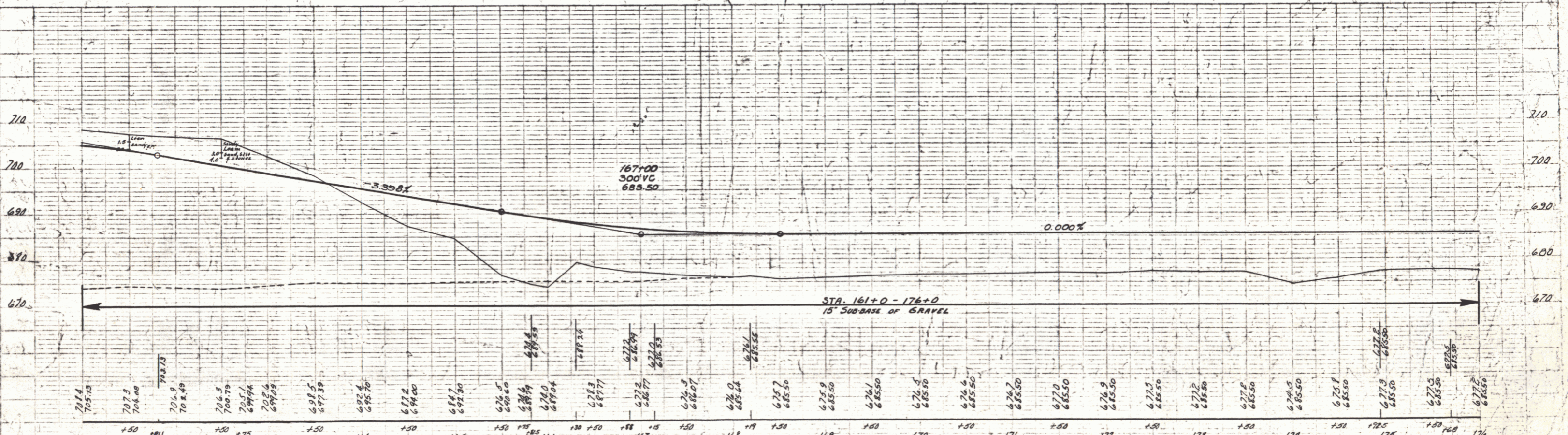
WRIGHTSVILLE (SECTION 3)
 SERIES STATE NO. 212 L
 SHEET 103 OF 145 SHEETS

LARRY ALLEN
 DATE
 SCALE
 SHEET NO.

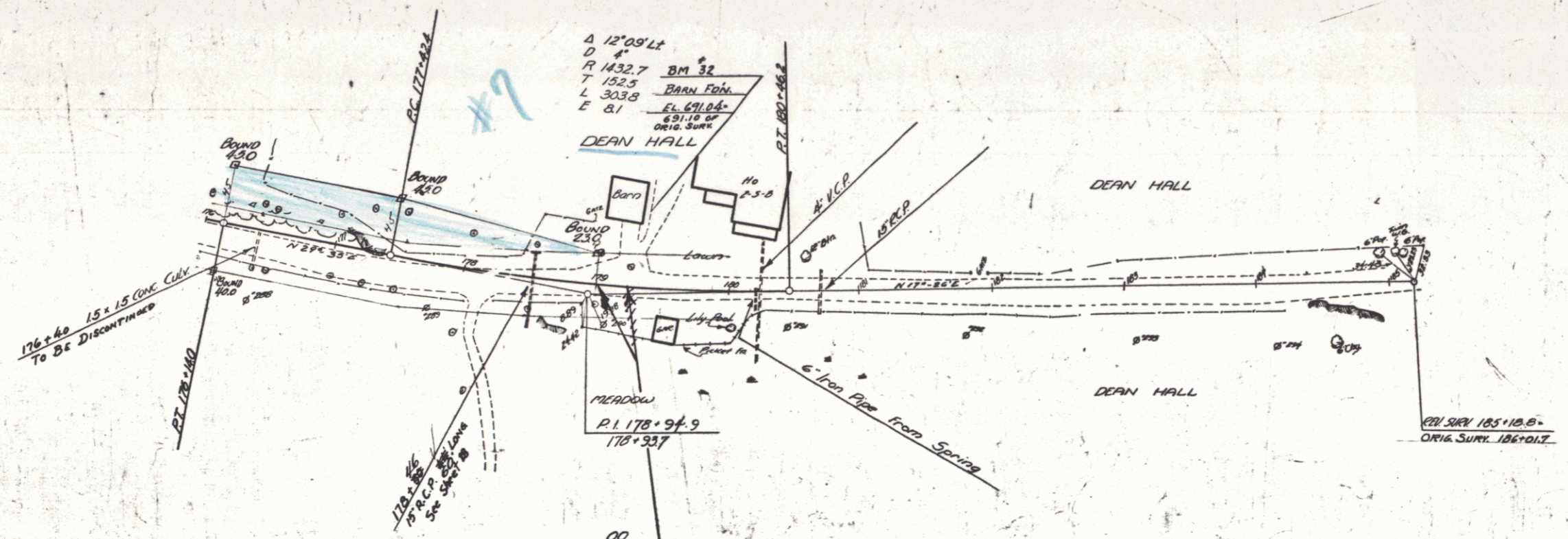
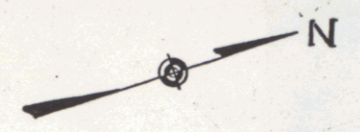


103A

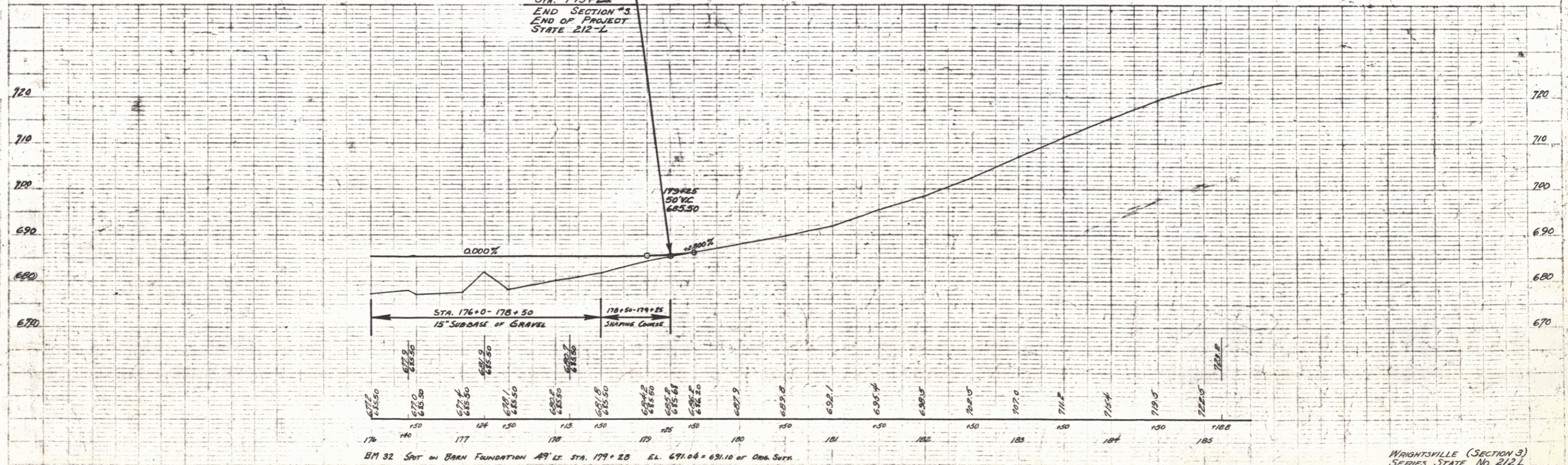
42



BM 28 SPOT ON LEDGE 27' AT STA 162+58 EL. 710.22
 BM 29 5'I.T. 12' ELM 260' RT. STA. 164+05 EL. 676.55
 BM 30 SPOT ON LEDGE 16' LT. STA. 167+10 EL. 676.39
 BM 31 SPOT ON LEDGE 62' LT. STA. 174+10 EL. 681.55



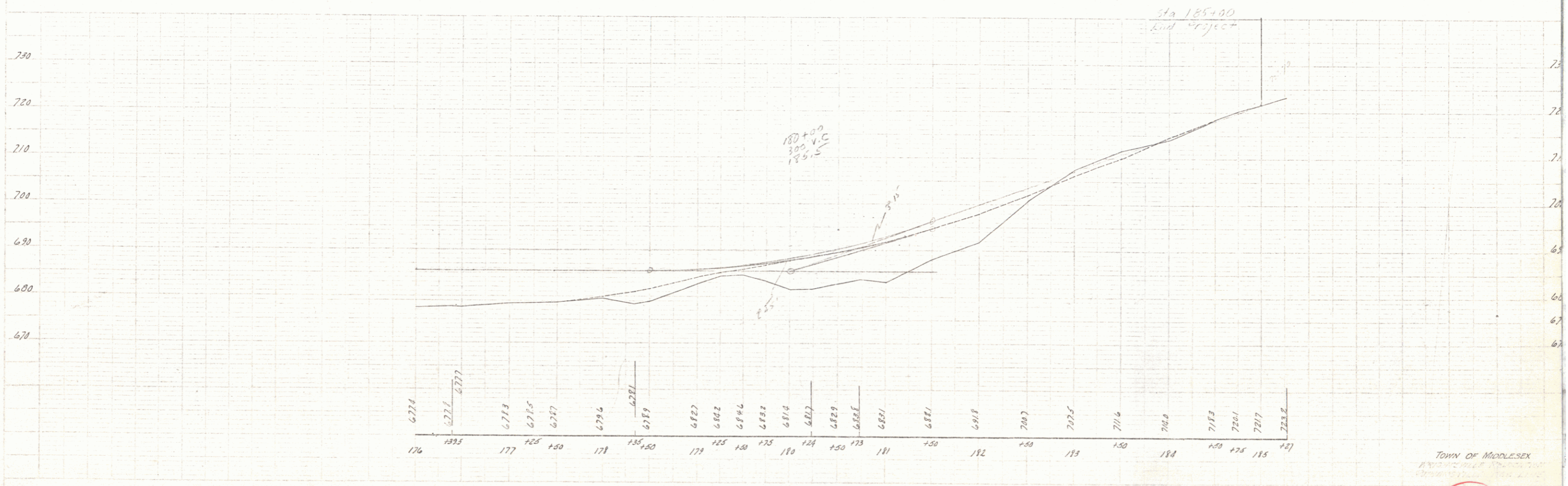
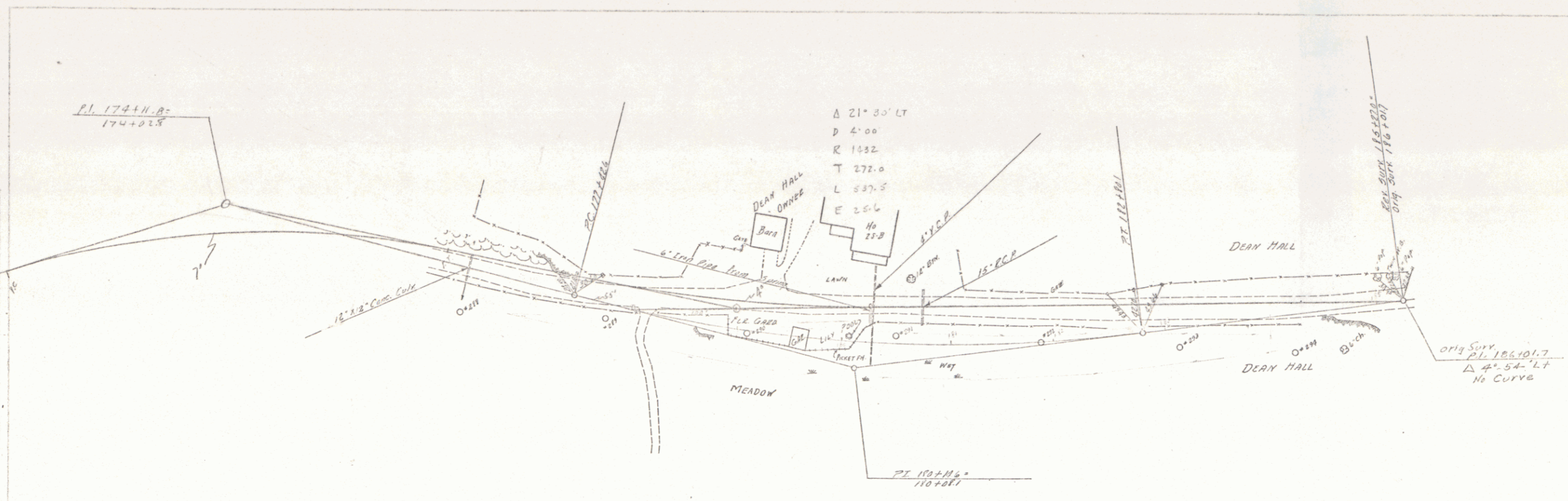
STA. 179+00
END SECTION #3
END OF PROJECT
STATE 212-L



BM 32 Spot on BARN FOUNDATION 49' LT. STA. 179+20 EL. 691.08 = 691.10 of Orig. Surv.

DATE	1939
BY	ALLEN
FOR	ALLEN
PROJECT	

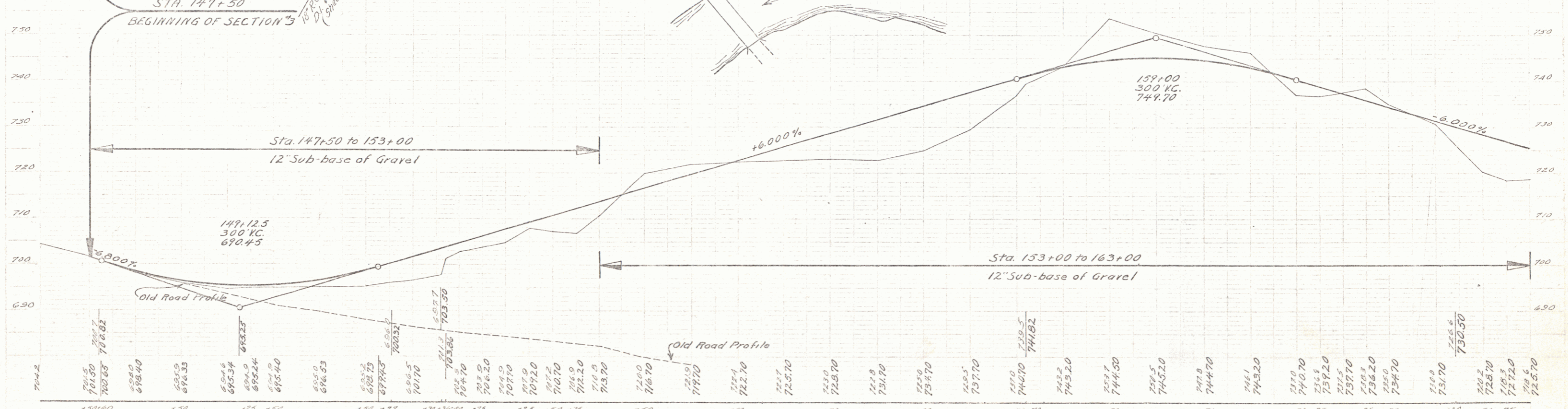
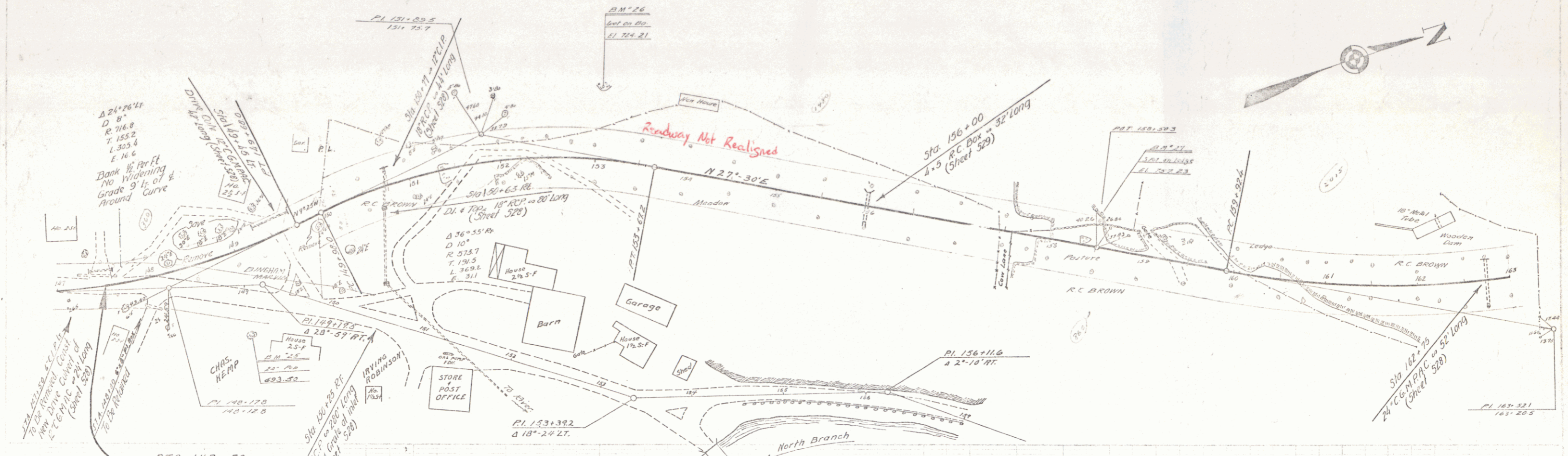
DATE	1939
BY	ALLEN
FOR	ALLEN
PROJECT	



TOWN OF MIDDLESEX

105A

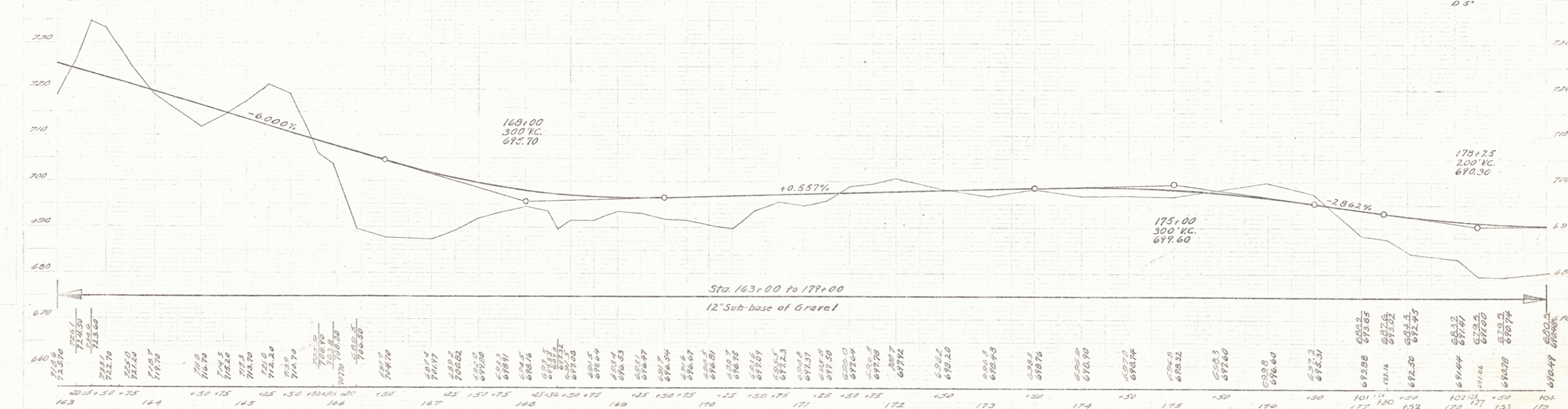
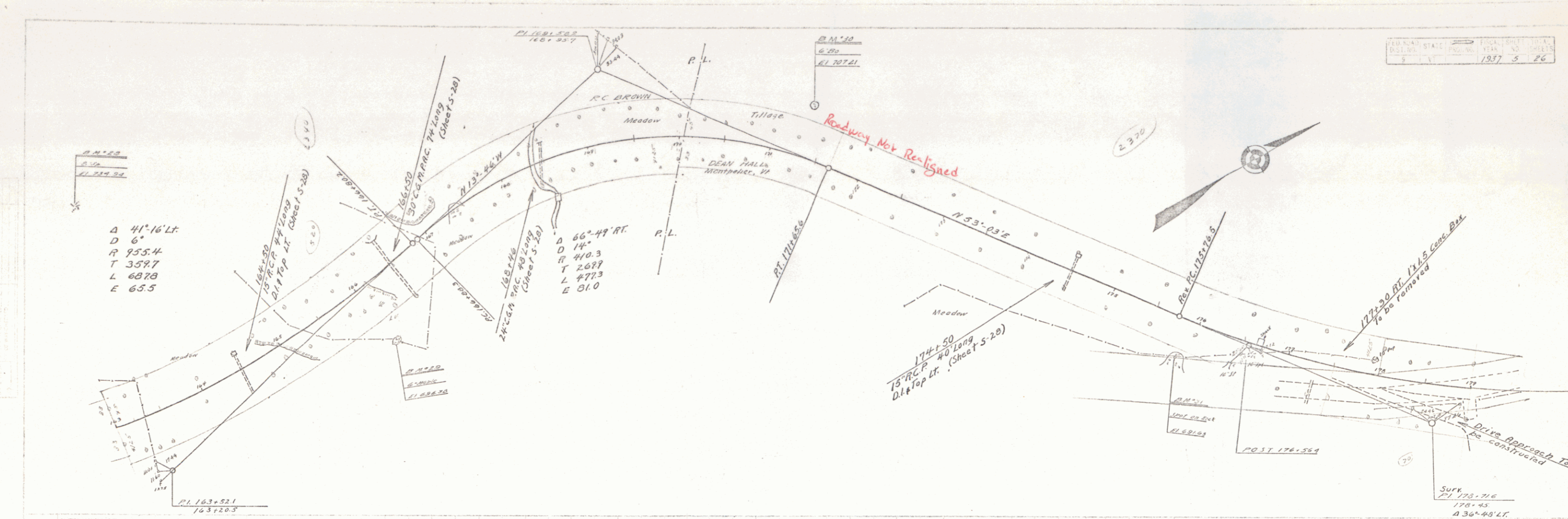
45



130+00 130+25 130+50 130+75 131+00 131+25 131+50 131+75 132+00 132+25 132+50 132+75 133+00 133+25 133+50 133+75 134+00 134+25 134+50 134+75 135+00 135+25 135+50 135+75 136+00 136+25 136+50 136+75 137+00 137+25 137+50 137+75 138+00 138+25 138+50 138+75 139+00 139+25 139+50 139+75 140+00 140+25 140+50 140+75 141+00 141+25 141+50 141+75 142+00 142+25 142+50 142+75 143+00 143+25 143+50 143+75 144+00 144+25 144+50 144+75 145+00 145+25 145+50 145+75 146+00 146+25 146+50 146+75 147+00 147+25 147+50 147+75 148+00 148+25 148+50 148+75 149+00 149+25 149+50 149+75 150+00 150+25 150+50 150+75 151+00 151+25 151+50 151+75 152+00 152+25 152+50 152+75 153+00 153+25 153+50 153+75 154+00 154+25 154+50 154+75 155+00 155+25 155+50 155+75 156+00 156+25 156+50 156+75 157+00 157+25 157+50 157+75 158+00 158+25 158+50 158+75 159+00 159+25 159+50 159+75 160+00 160+25 160+50 160+75 161+00 161+25 161+50 161+75 162+00 162+25 162+50 162+75 163+00 163+25 163+50 163+75 164+00 164+25 164+50 164+75 165+00 165+25 165+50 165+75 166+00 166+25 166+50 166+75 167+00 167+25 167+50 167+75 168+00 168+25 168+50 168+75 169+00 169+25 169+50 169+75 170+00 170+25 170+50 170+75 171+00 171+25 171+50 171+75 172+00 172+25 172+50 172+75 173+00 173+25 173+50 173+75 174+00 174+25 174+50 174+75 175+00 175+25 175+50 175+75 176+00 176+25 176+50 176+75 177+00 177+25 177+50 177+75 178+00 178+25 178+50 178+75 179+00 179+25 179+50 179+75 180+00 180+25 180+50 180+75 181+00 181+25 181+50 181+75 182+00 182+25 182+50 182+75 183+00 183+25 183+50 183+75 184+00 184+25 184+50 184+75 185+00 185+25 185+50 185+75 186+00 186+25 186+50 186+75 187+00 187+25 187+50 187+75 188+00 188+25 188+50 188+75 189+00 189+25 189+50 189+75 190+00 190+25 190+50 190+75 191+00 191+25 191+50 191+75 192+00 192+25 192+50 192+75 193+00 193+25 193+50 193+75 194+00 194+25 194+50 194+75 195+00 195+25 195+50 195+75 196+00 196+25 196+50 196+75 197+00 197+25 197+50 197+75 198+00 198+25 198+50 198+75 199+00 199+25 199+50 199+75 200+00 200+25 200+50 200+75

TOWN OF MIDDLESEX WRIGHTSVILLE RELOCATION SHEET 4 OF 26 SHEETS

44



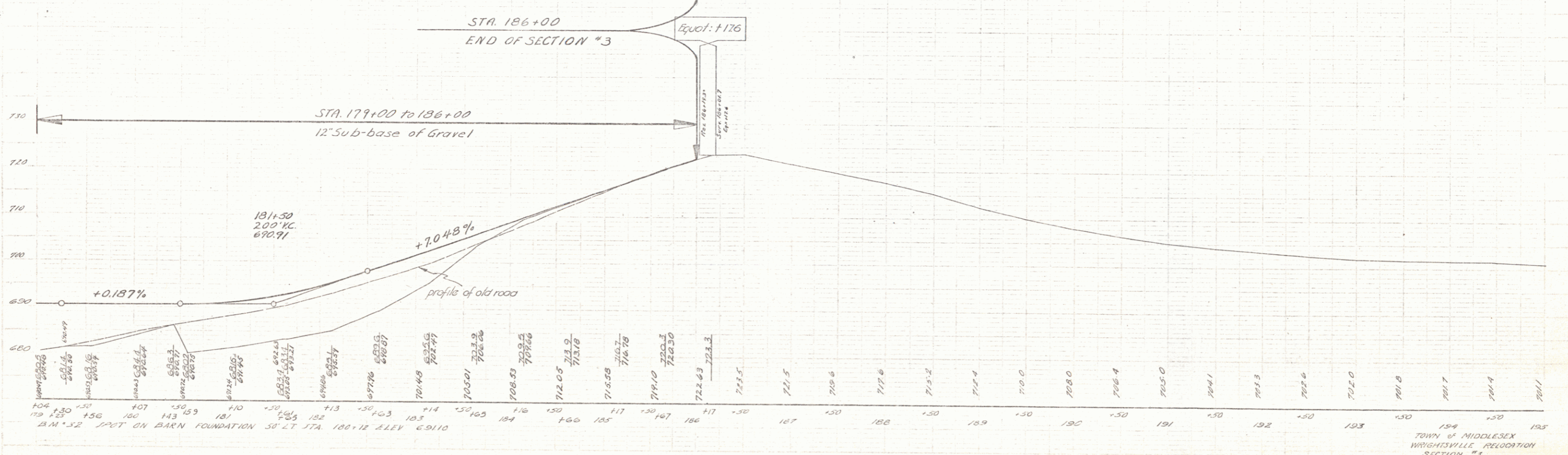
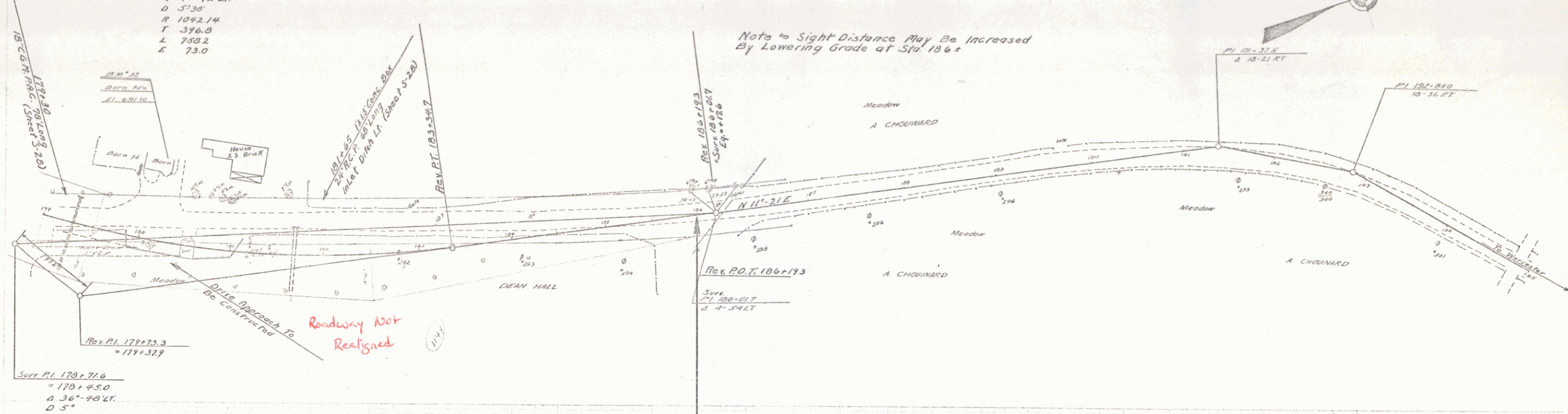
163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179
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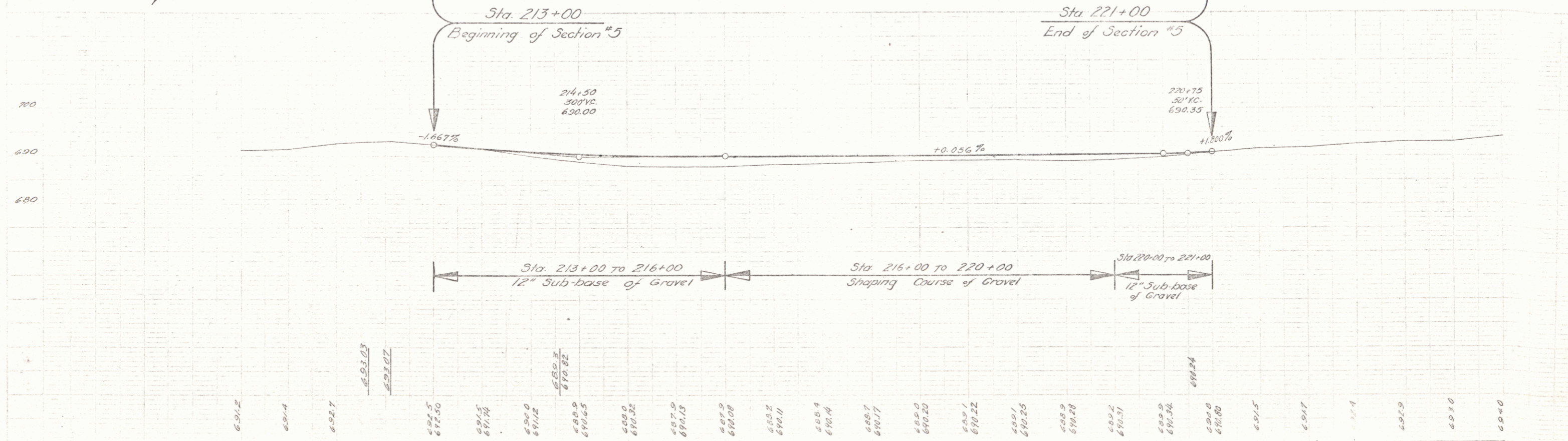
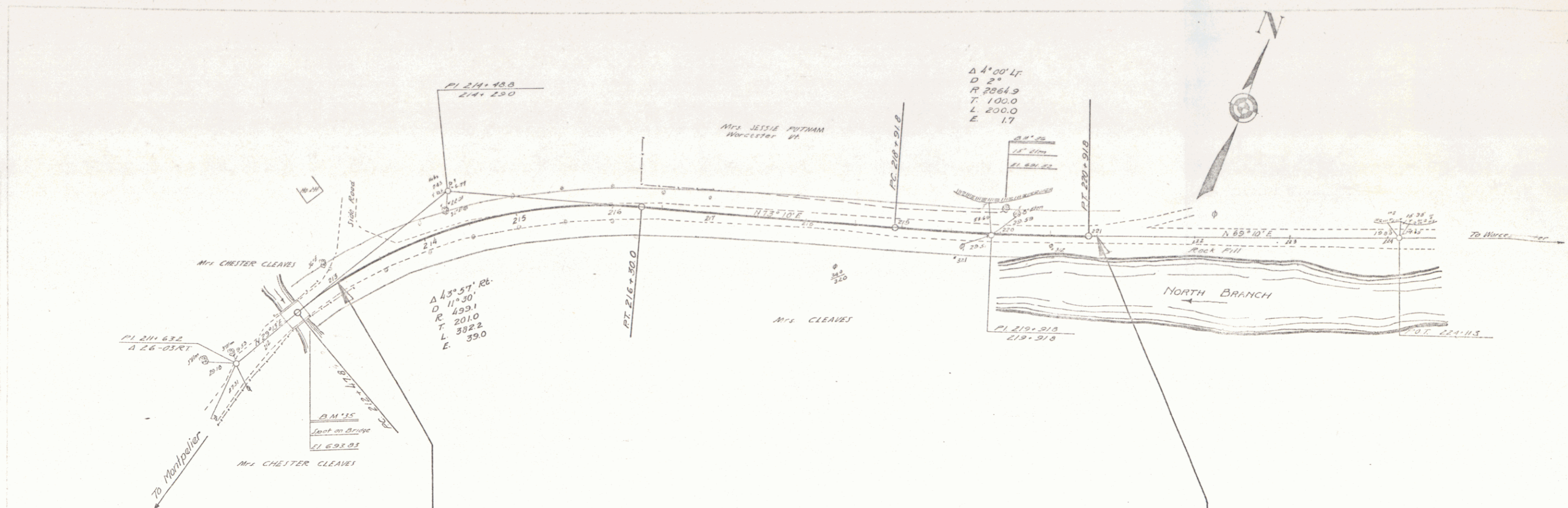
B.M. 20 SPINE IN ROOT OF 8" SPRUCE 240' LT STA 163+30 ELEV 734.94
 B.M. 29 " " " " 120' RT STA 168+03 ELEV 696.38
 B.M. 30 1/2 FT ON 8" BOULDER 53' LT STA 171+32 ELEV 702.21
 B.M. 31 " " LEDGE 41' RT STA 175+00 ELEV 691.63

Town of Middlesex
 Wrightsville Relocation
 Section #3
 Sheet 26 of 26

REVCURVE
 Δ 41°-42' LT.
 D 5°30'
 R 1042.14
 T 396.8
 L 758.2
 E 73.0

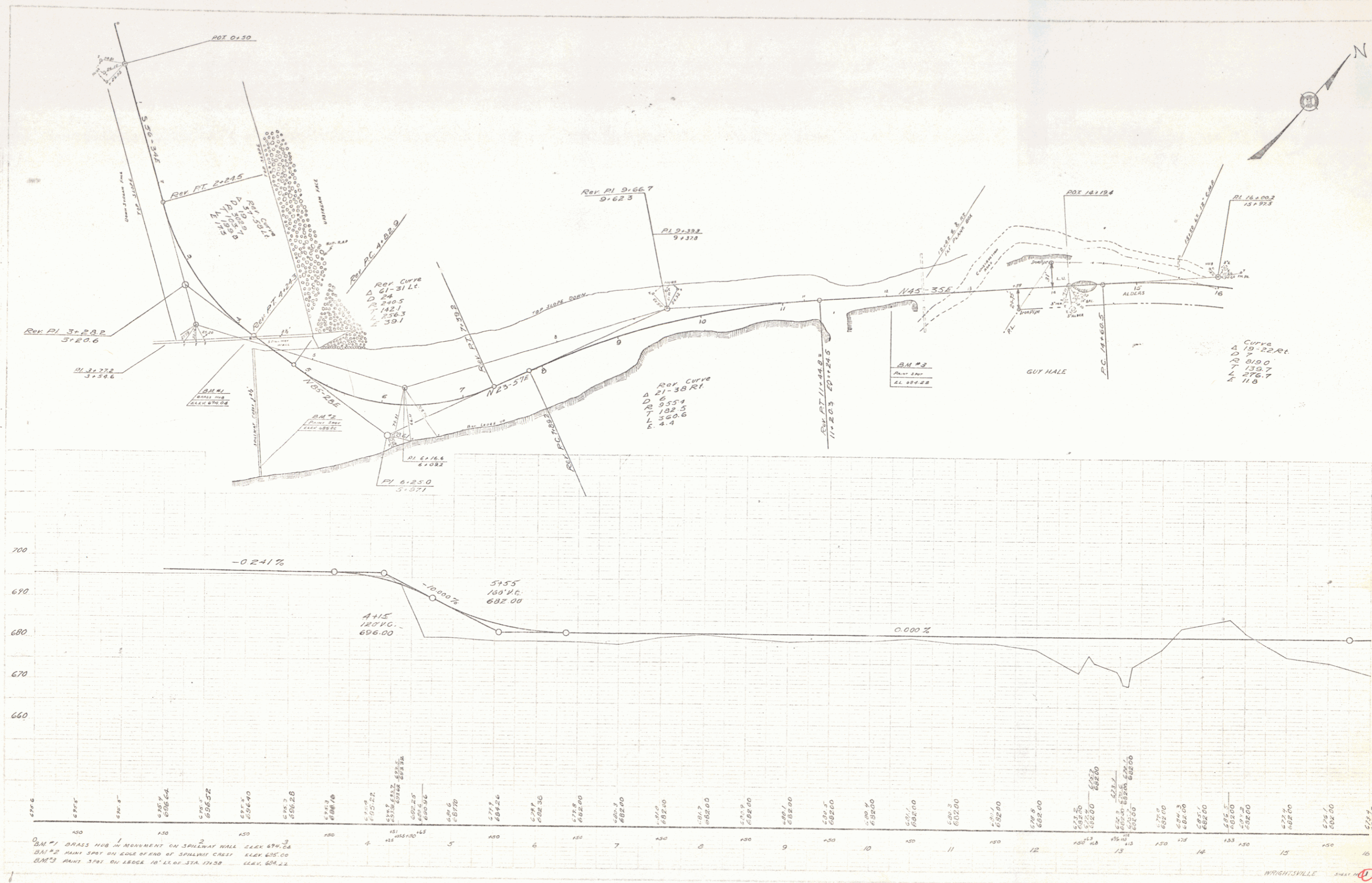
Note - Sight Distance May Be Increased
 By Lowering Grade at Sta 186±





211 212 213
 21' 25" SPOT ON CONG. BRIDGE W/ RT STA 212+75 ELEV 693.23
 21' 36" SPKE IN ROOT OF 15' ELM 21' LT STA 220+05 ELEV 691.52

TOWN of WORCESTER
 WRIGHTSVILLE Allocation
 Sheet 4 of 8

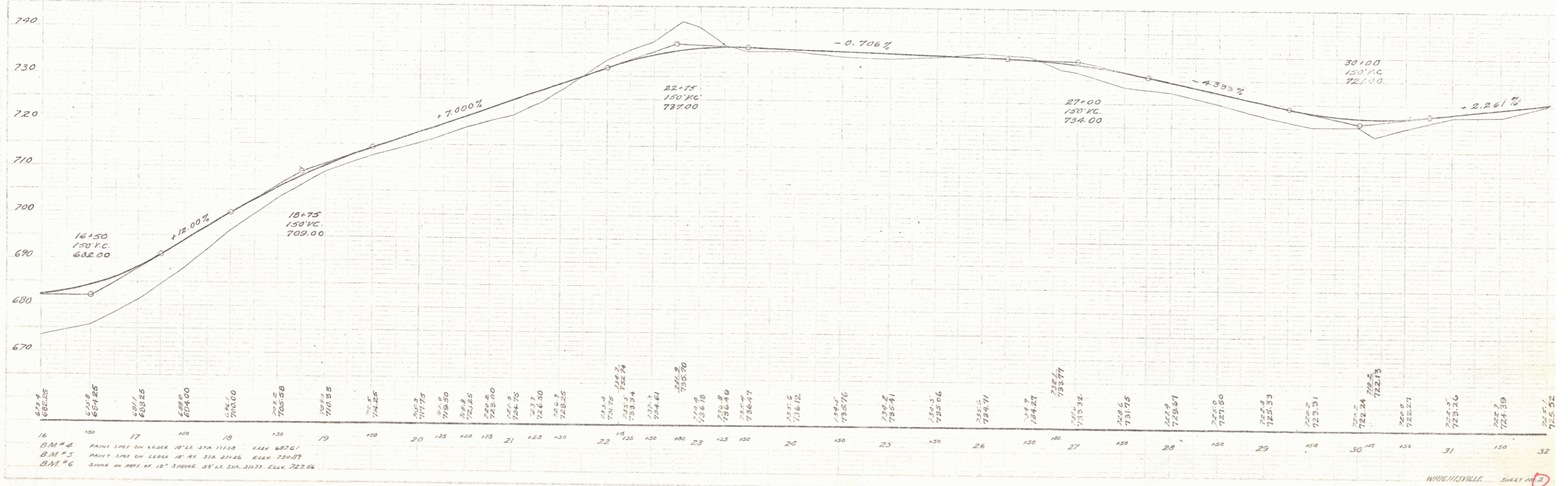
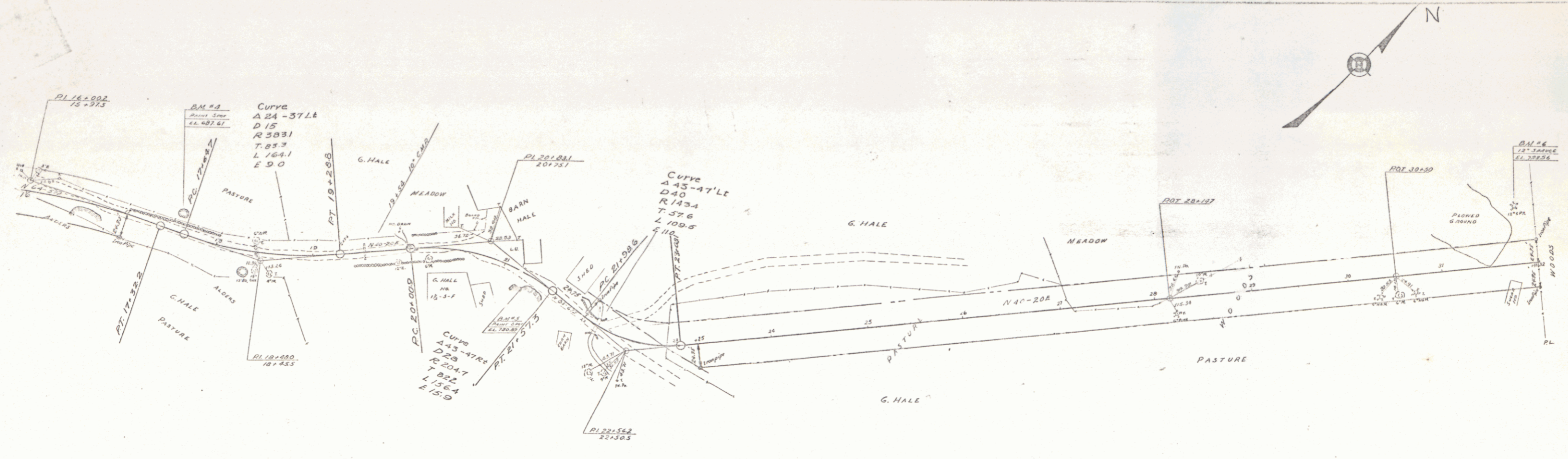


STANDARD
LANE
C/A

STANDARD
LANE
C/A

BAN #1 GRASS HUB MONUMENT ON SPALLWAY WALL ELEV. 674.24
 BAN #2 MINI SPOT ON EDGE OF END OF SPALLWAY CURB ELEV. 685.00
 BAN #3 MINI SPOT ON EDGE OF STA. 171.38 ELEV. 684.22

WRIGHTSVILLE

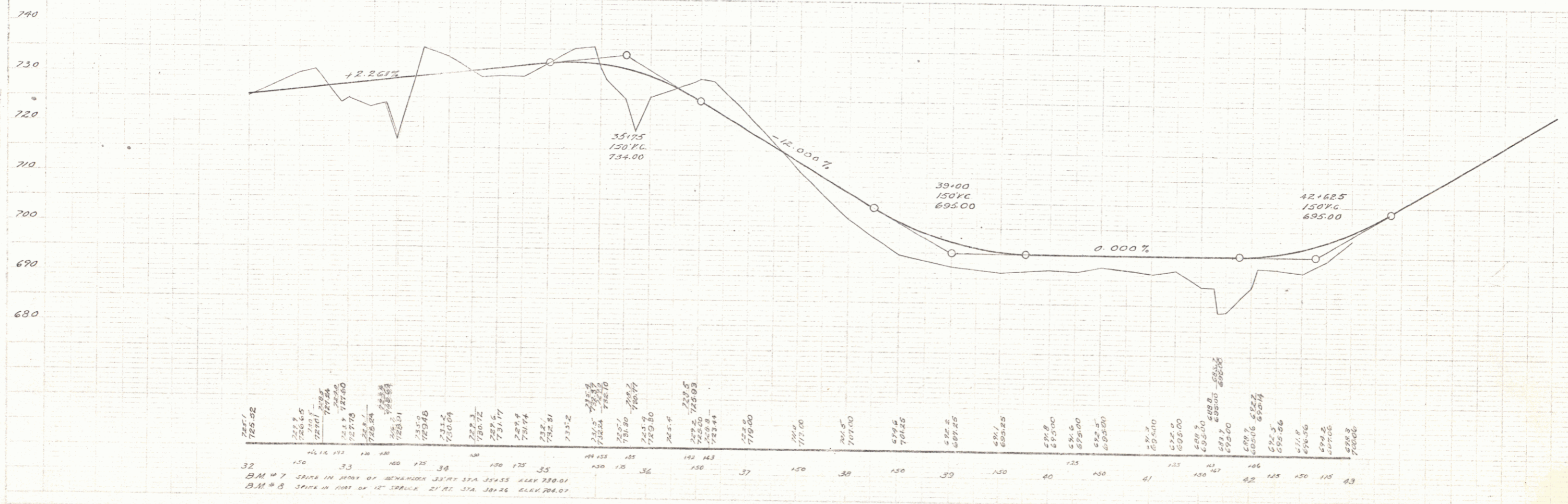
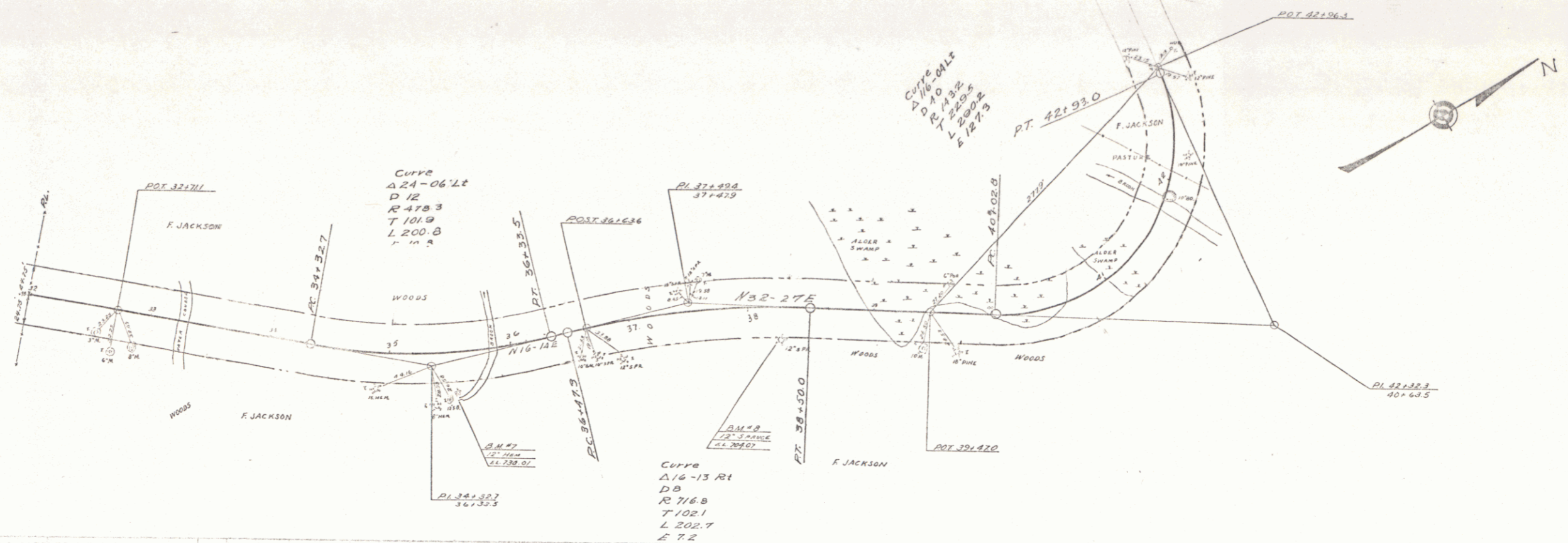


PLAN
 & TYPICAL
 C.A.
 4/16

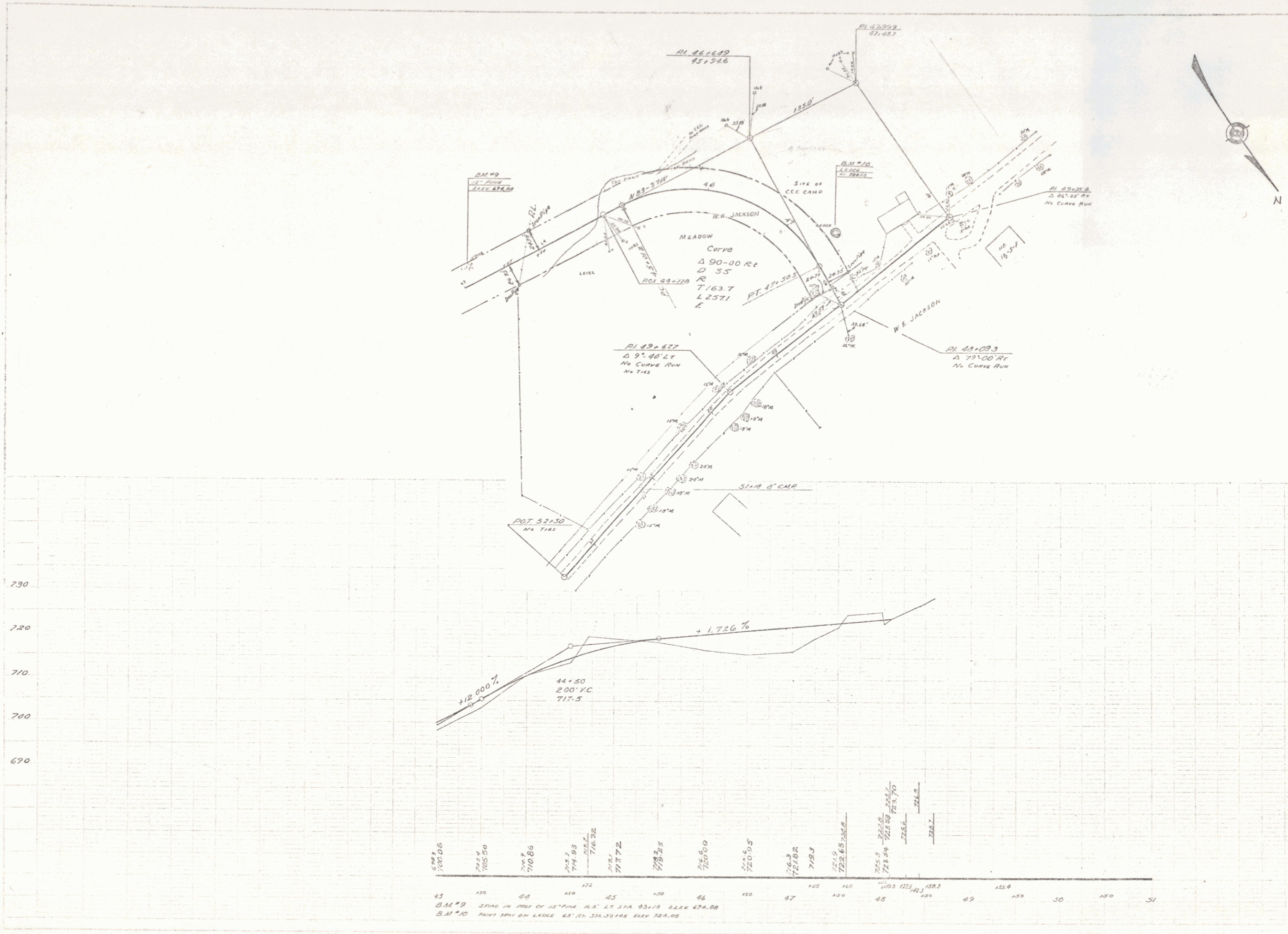
VERTICAL
 CURVE
 DATA

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687.25	692.00	697.25	702.50	707.75	713.00	718.25	723.50	728.75	734.00	739.25	744.50	749.75	755.00	760.25	765.50	770.75

8 T. HALL
 D. M.
 1914



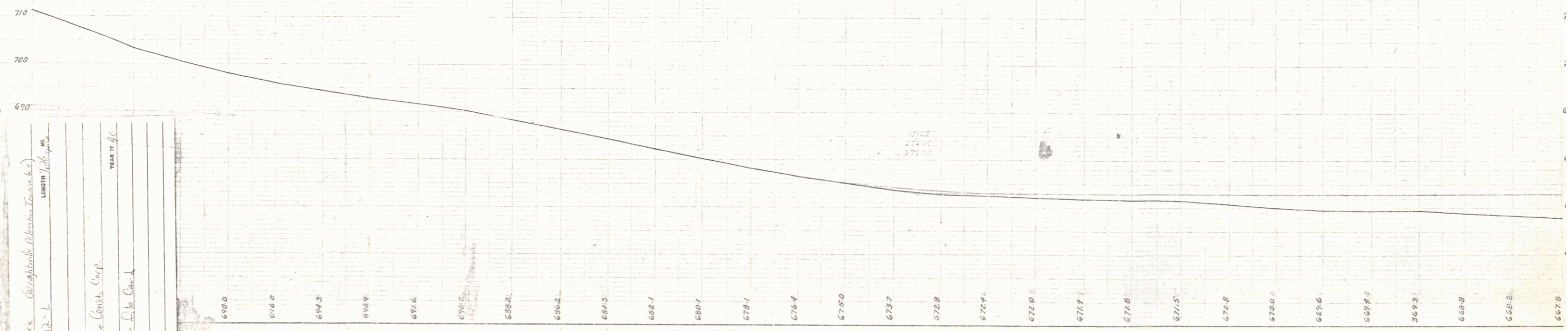
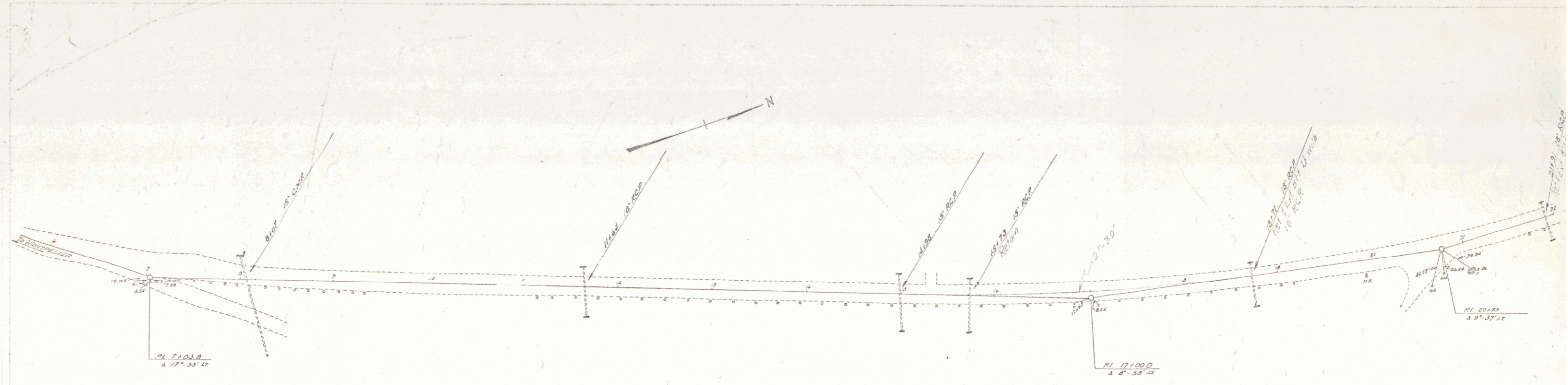
STANDARD
SCALE
DATE
BY



G.M. LANE
 J.L. HUBBARD
 June 29
 1912

G.M. LANE
 J.L. HUBBARD
 June 29
 1912

PROJECT Middlesex (Wrightsville Reclamation Townships)
 NUMBER S.T. 112-L
 TYPE
 CONTRACTOR Lane Loosh Corp.
 YEAR 1912
 LOCATION Sugar Hill Church



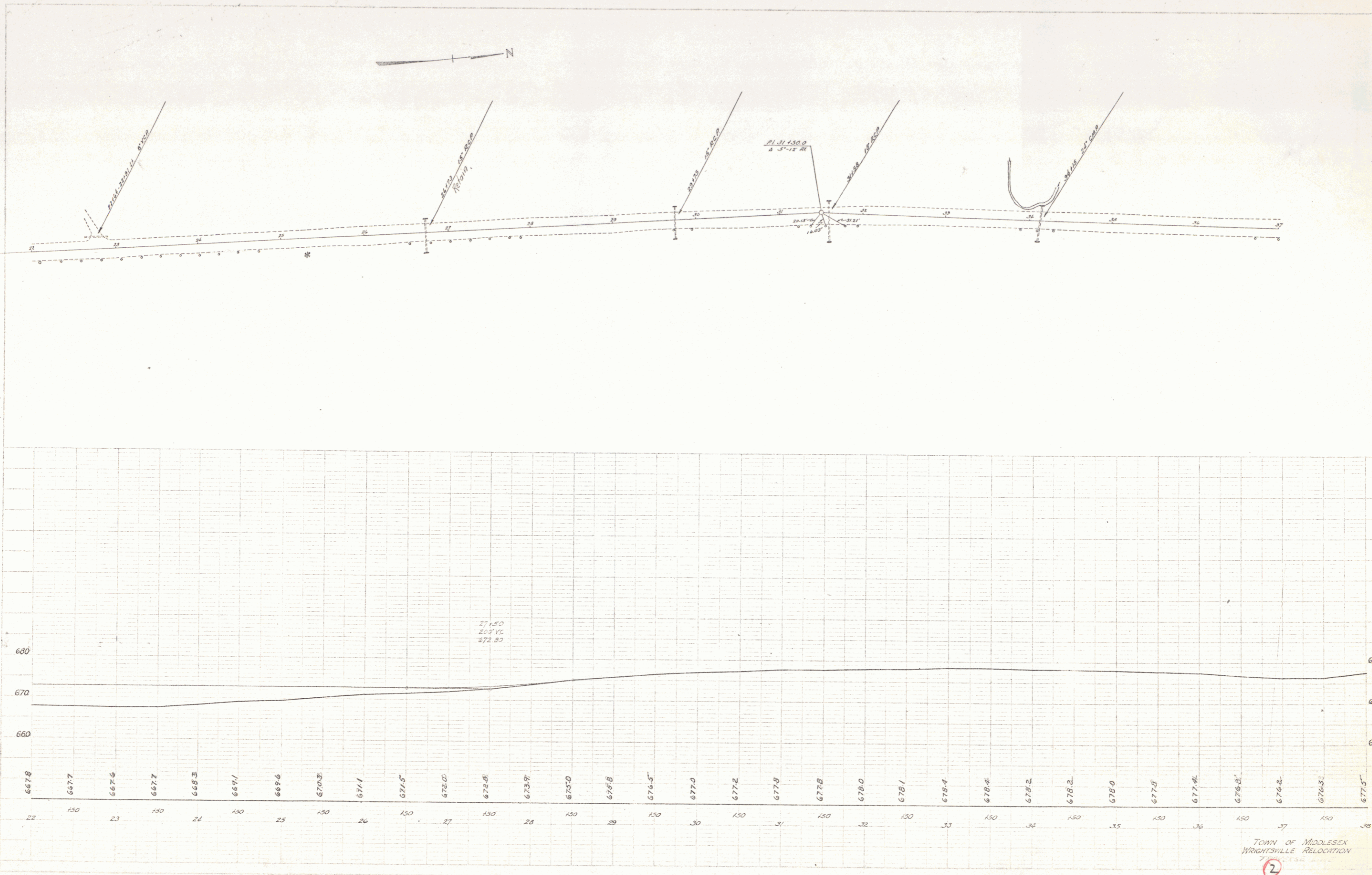
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 0 50 100 150 200 250 300 350 400 450 500 550 600 650 700 750 800 850 900 950 1000 1050 1100 1150 1200 1250 1300 1350 1400 1450 1500 1550 1600 1650 1700 1750 1800 1850 1900 1950 2000 2050 2100 2150 2200 2250

TOWN OF MIDDLESEX
WRIGHTSVILLE RECLAMATION

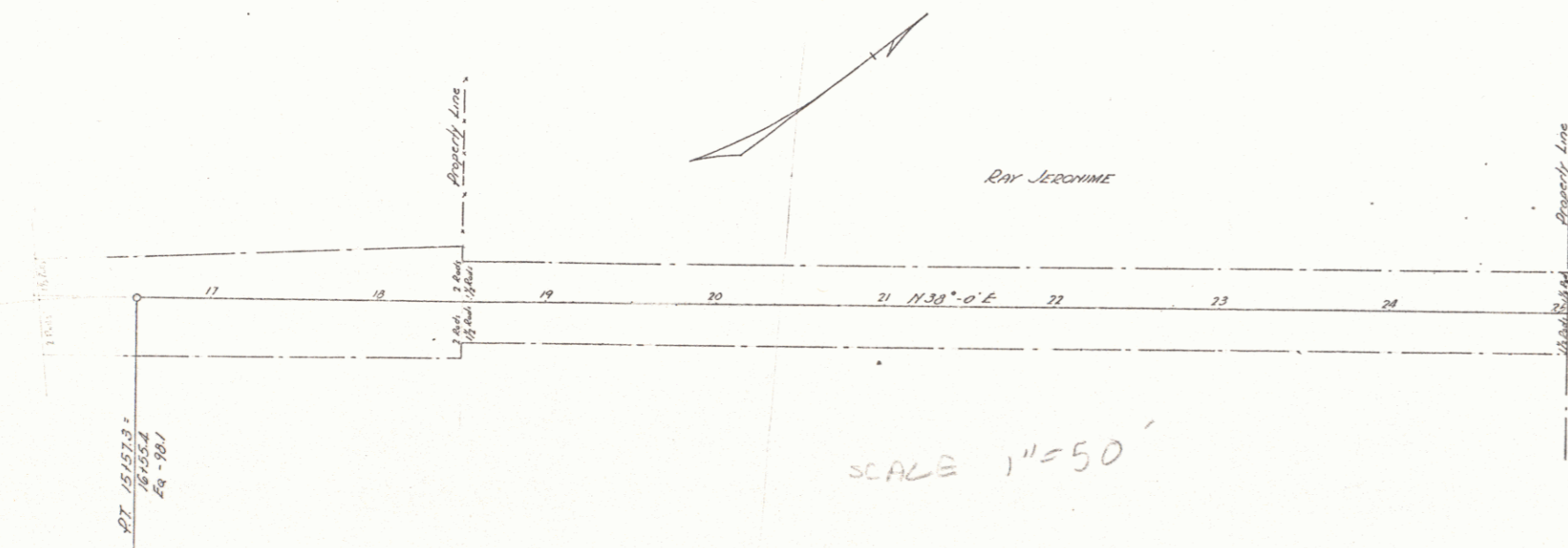
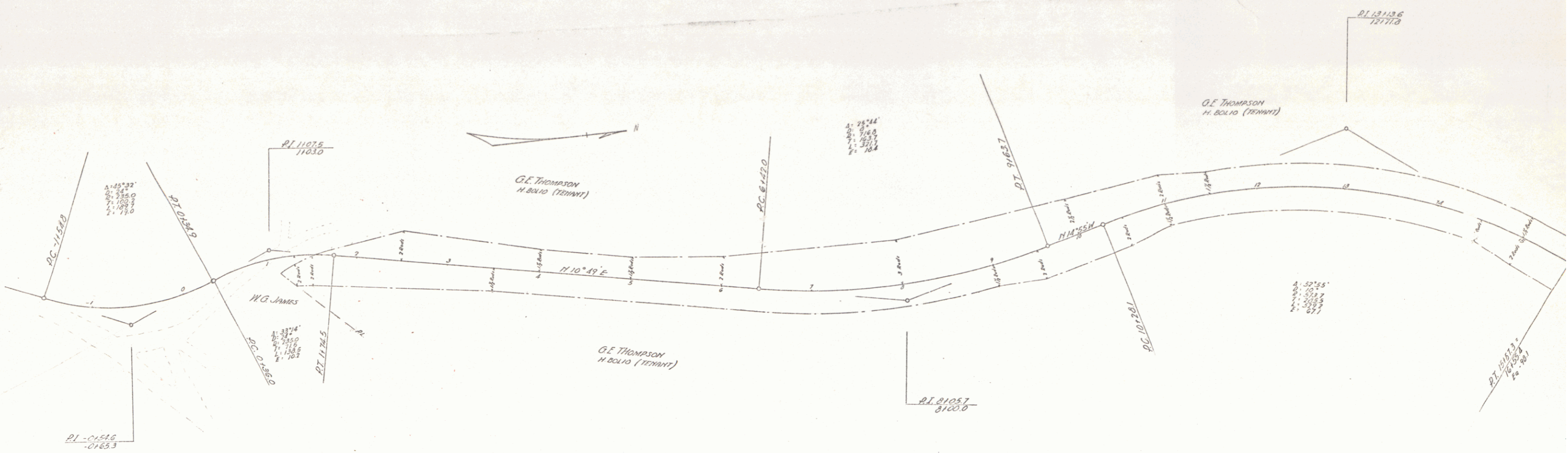
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PLAN
 G.M. LANE
 J.J. HIGBARD
 1912

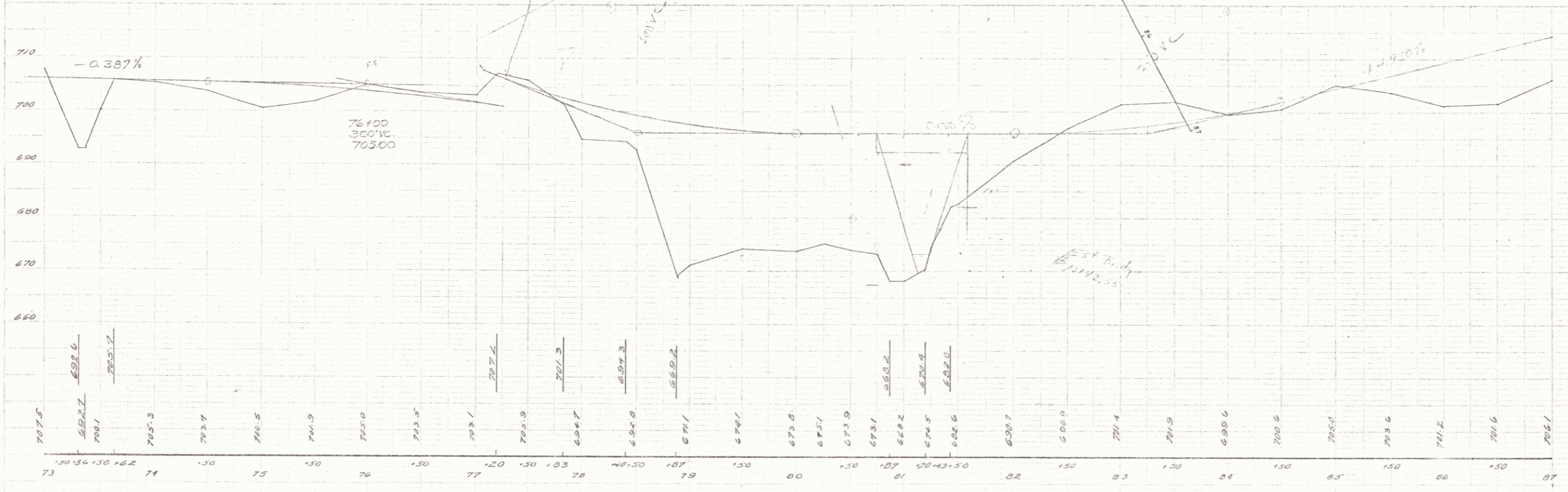
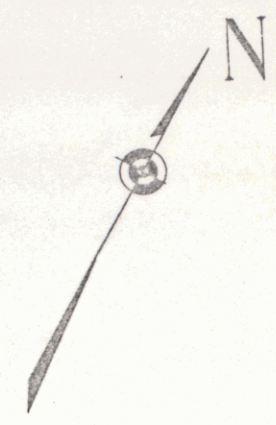
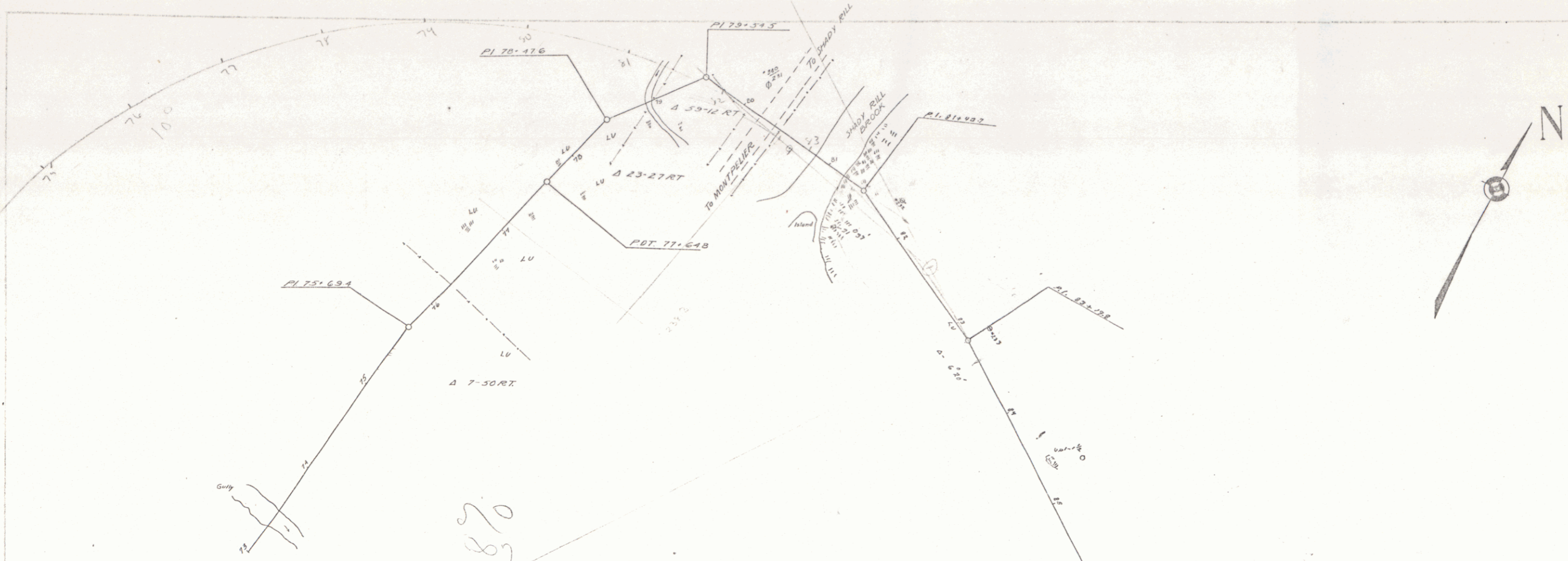
PLAN
 G.M. LANE
 J.J. HIGBARD
 1912



TOWN OF MIDDLESEX
 WRIGHTSVILLE RELOCATION



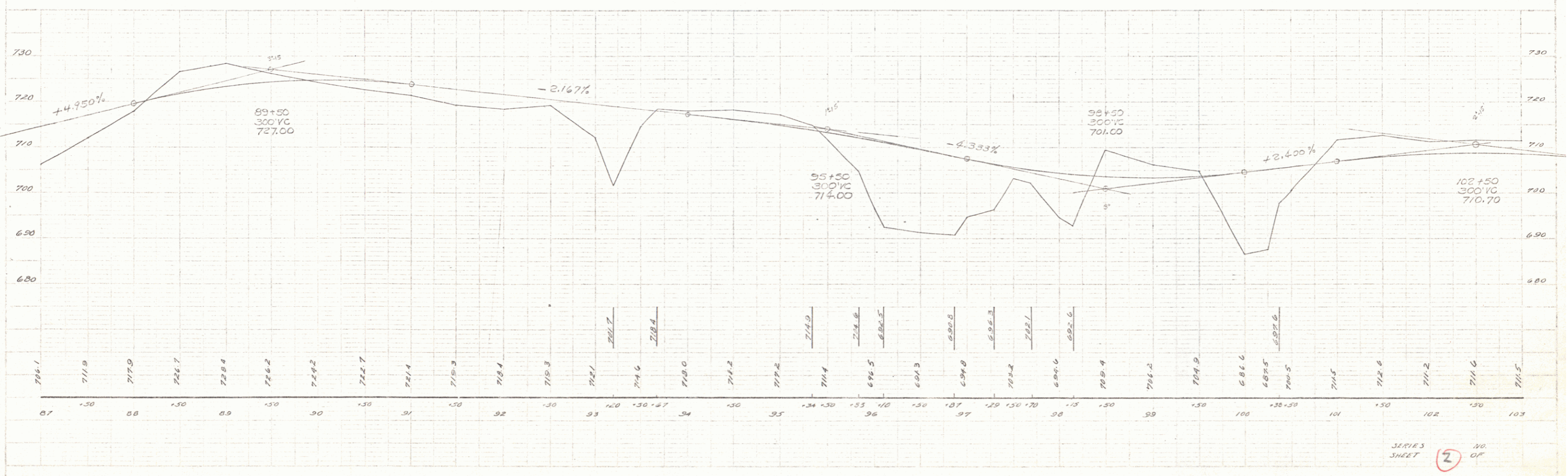
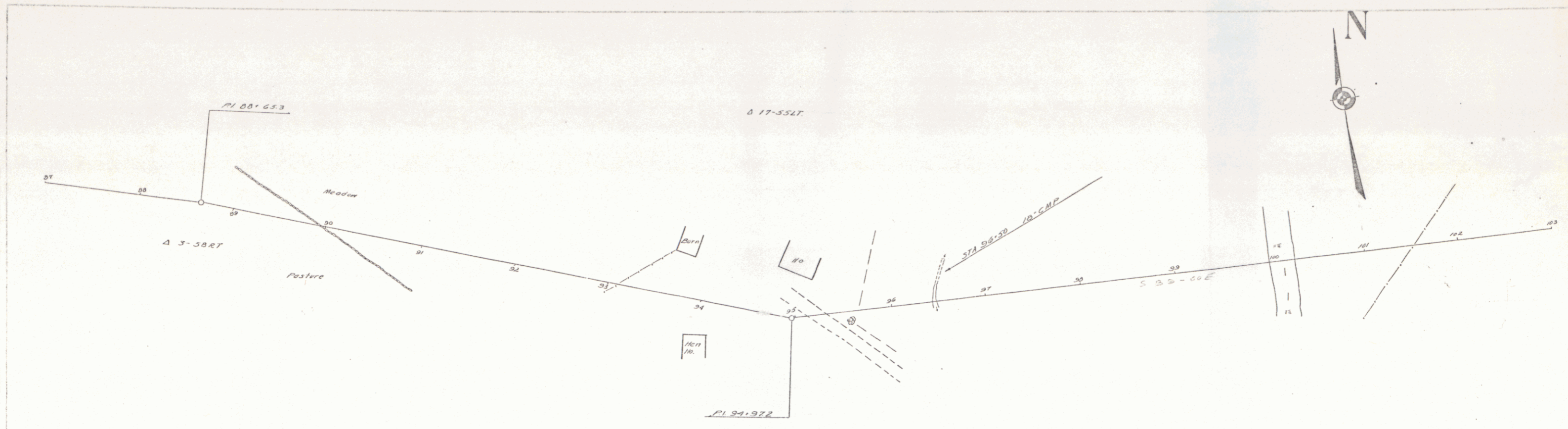
Montpelier, Vermont
Highwayville, Vermont
March 18, 1901



PLAN
 DATE
 SHEET NO.
 OF

PROFILE
 DATE
 SHEET NO.
 OF

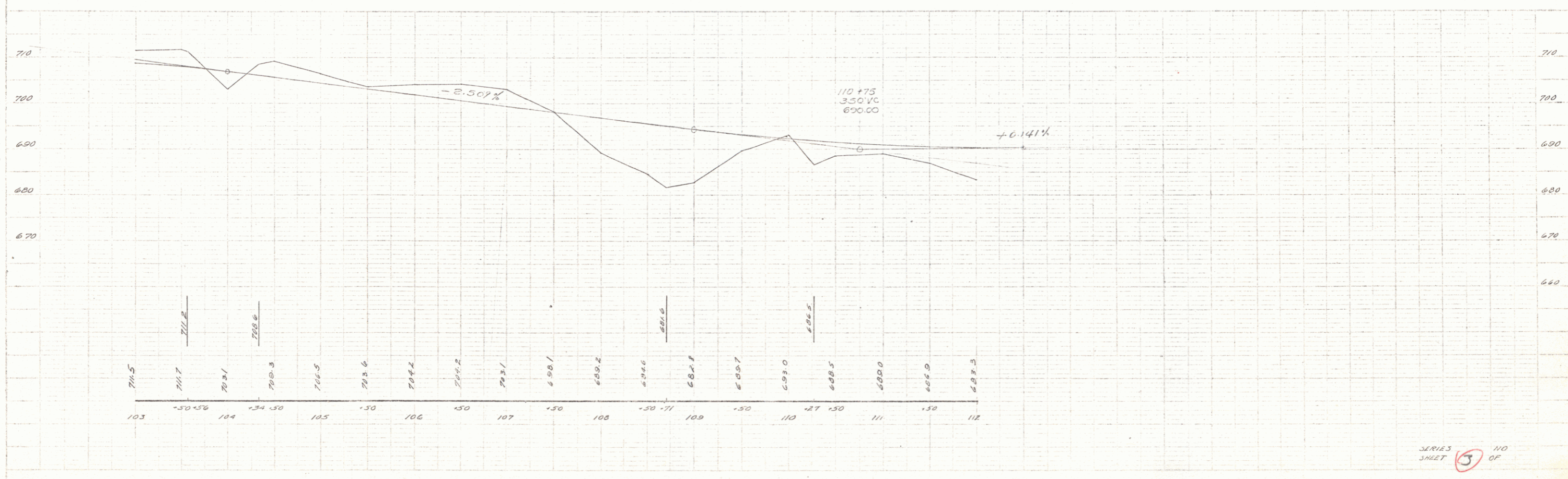
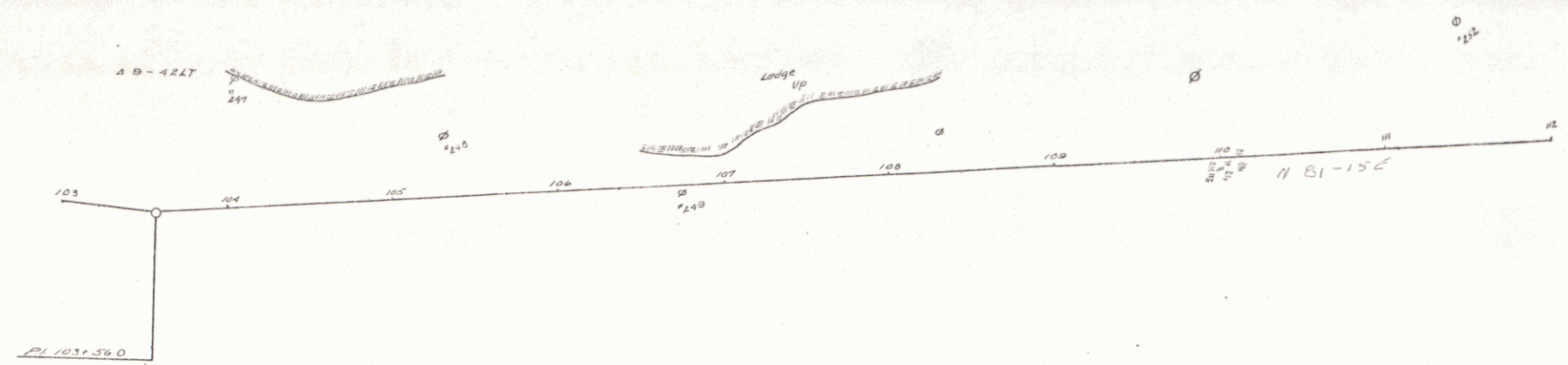
SHEET NO. 1 OF 1



DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____

DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____

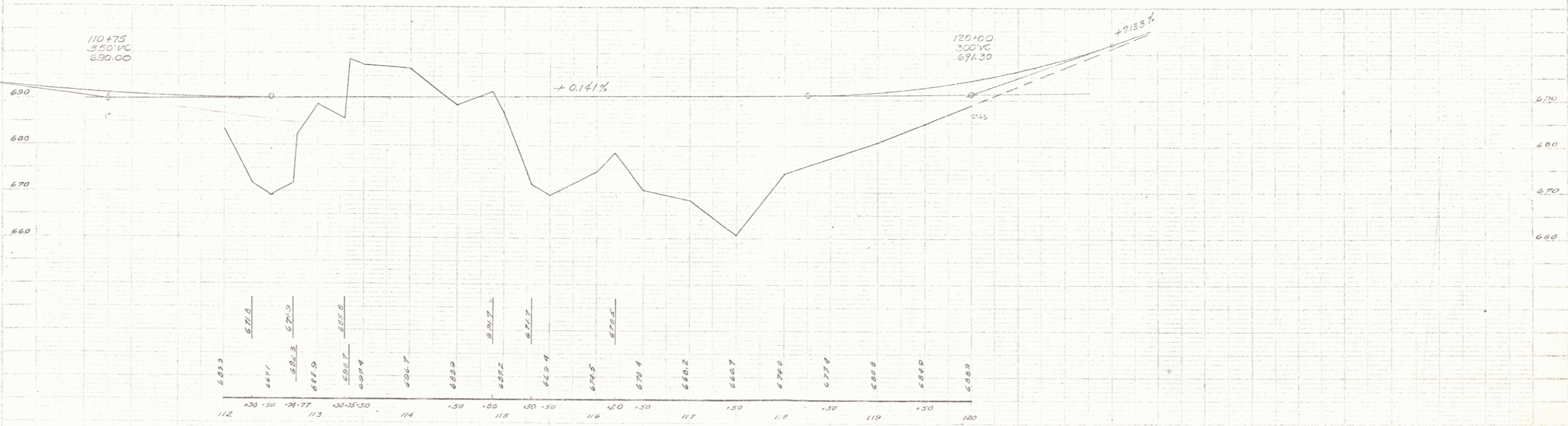
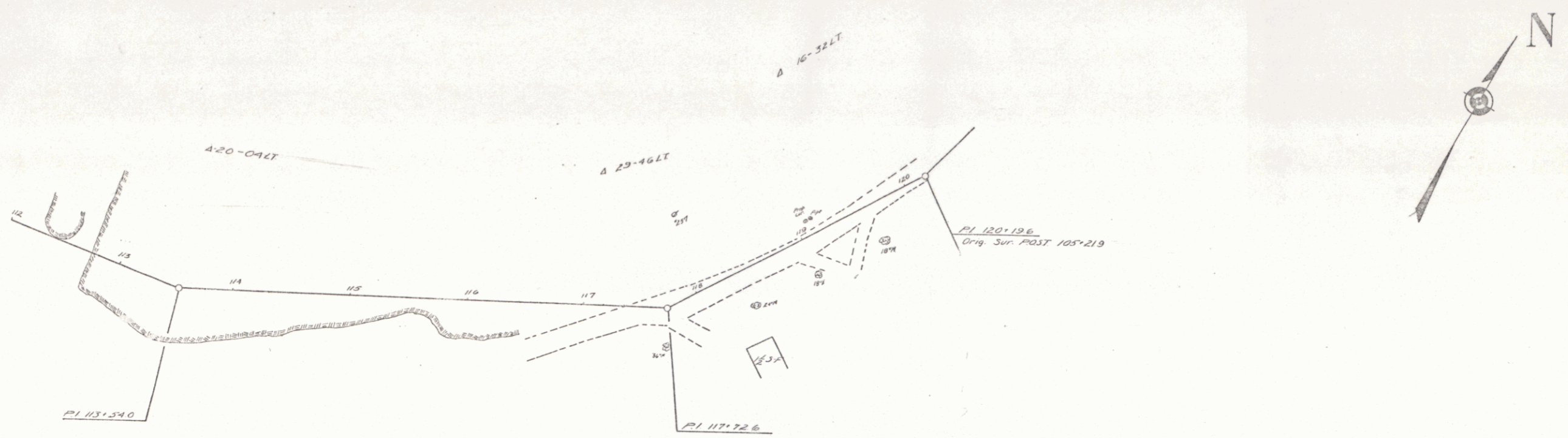
SERIES SHEET 2 OF



SERIES SHEET 5 OF 10

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 PROJECT: [Blank]
 SHEET NO.: [Blank]

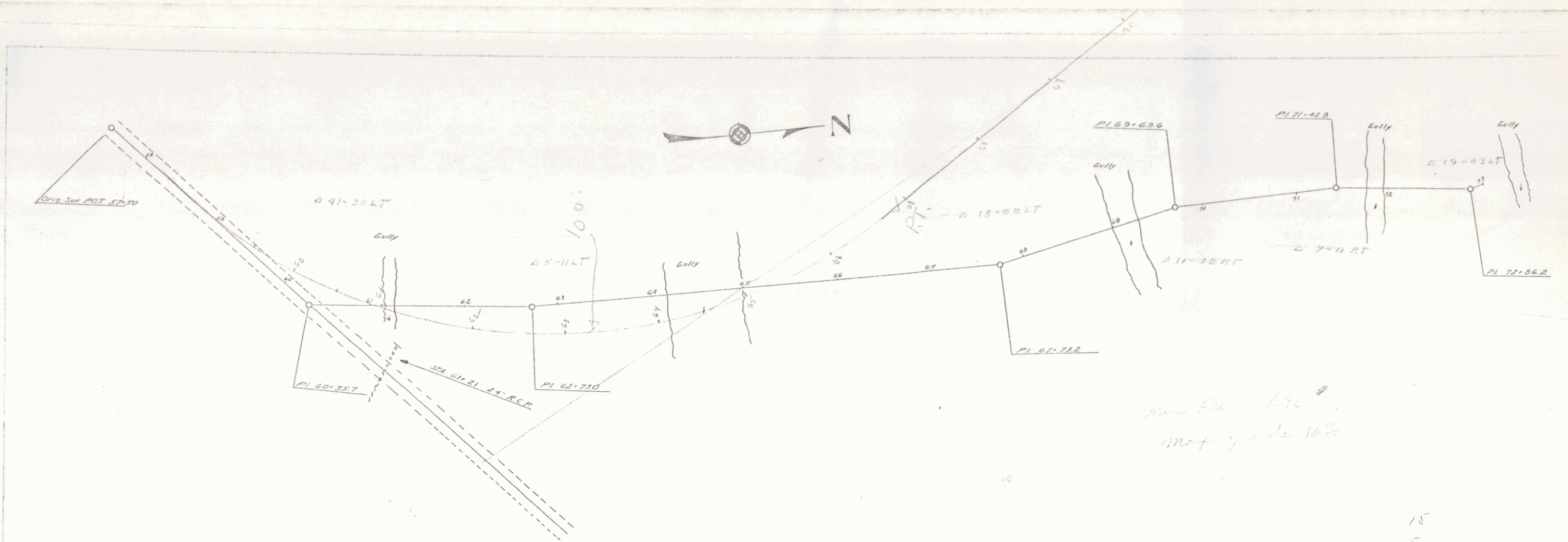
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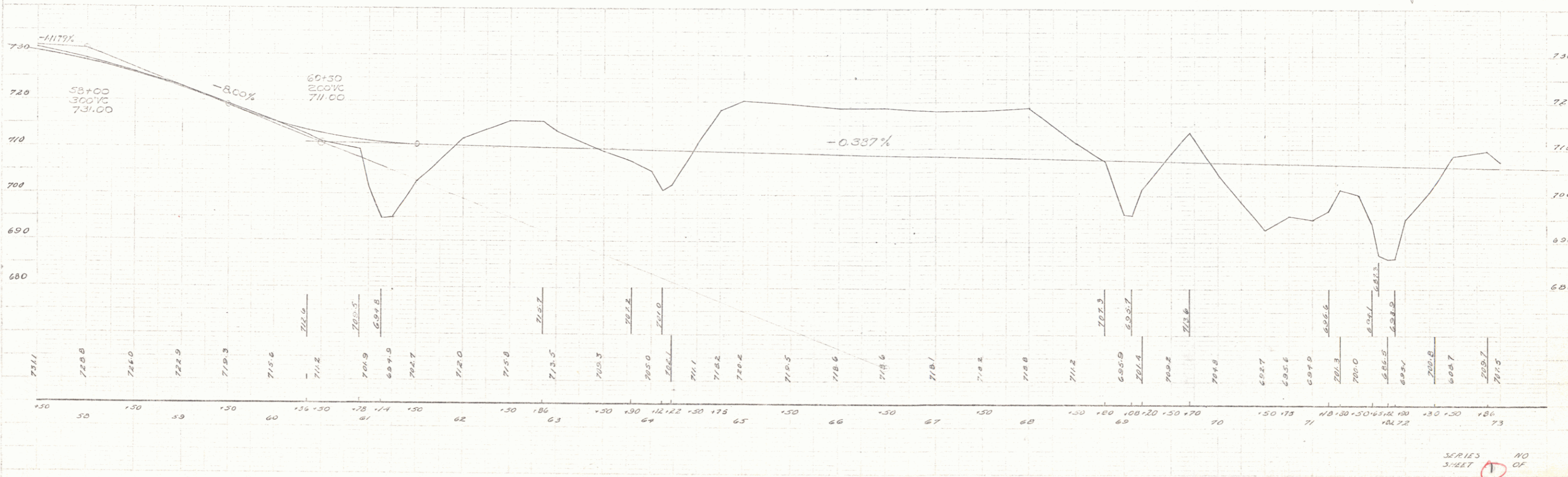
SERIES SHEET (4) NO OF

NAME
 DATE
 SCALE
 SHEET NO.

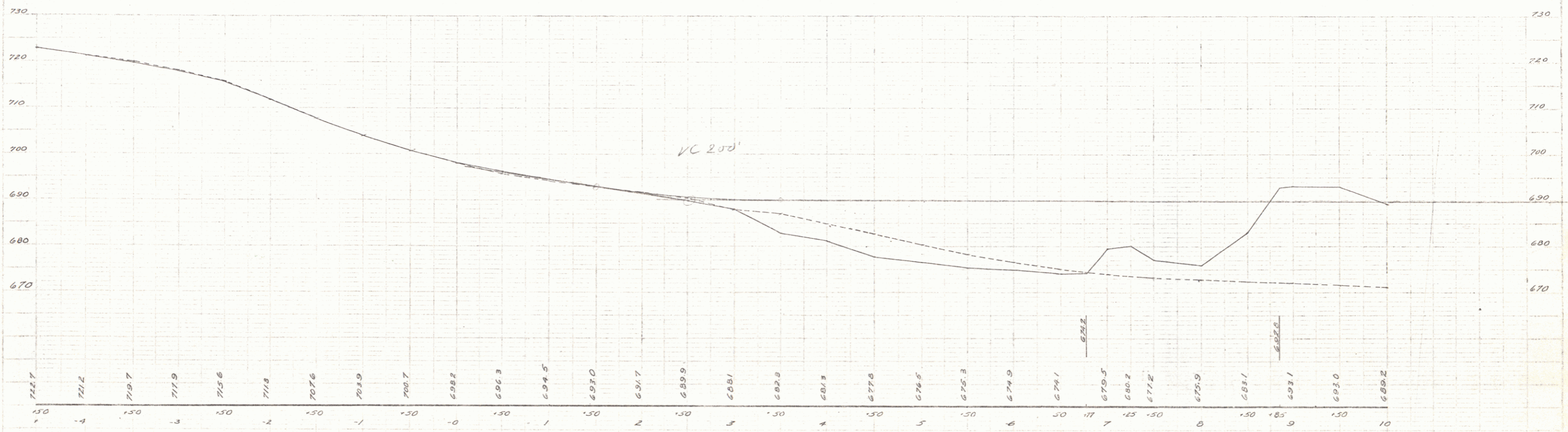
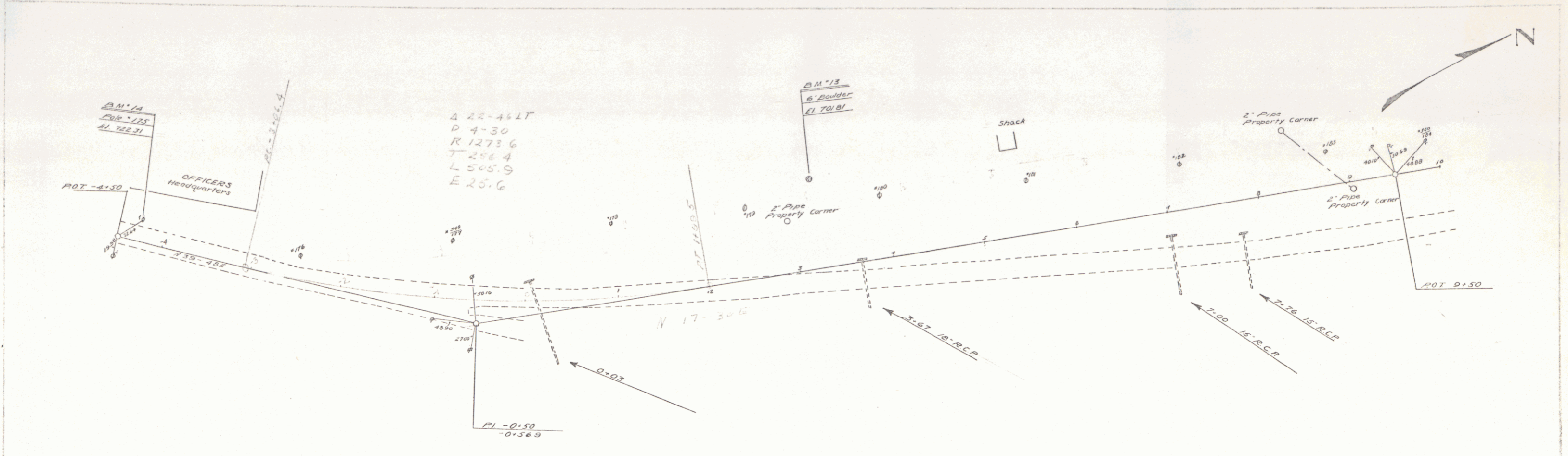
NAME
 DATE
 SCALE
 SHEET NO.



min elev 690
 max grade 10%

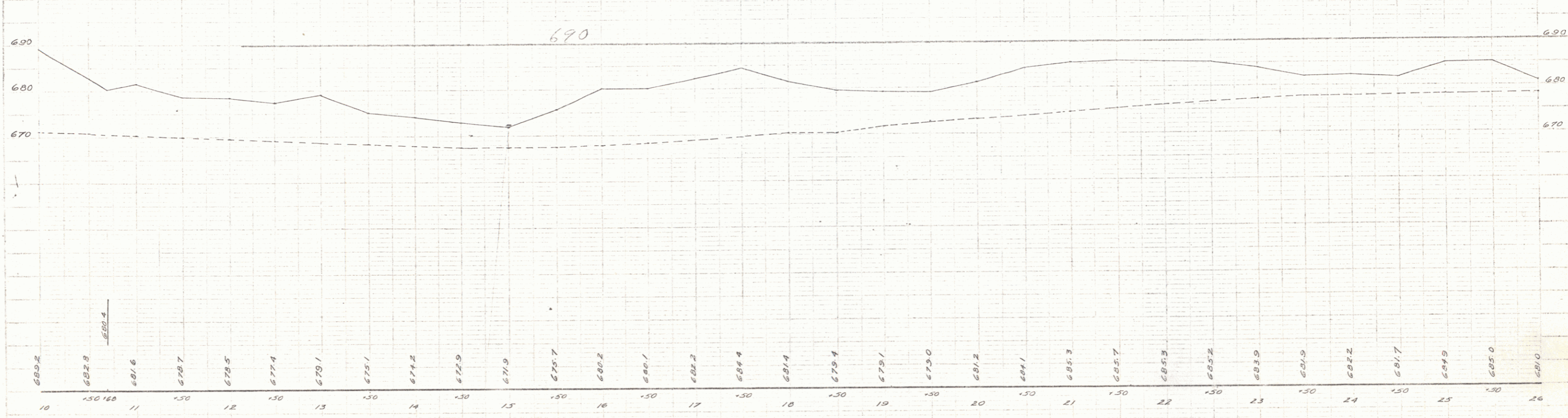
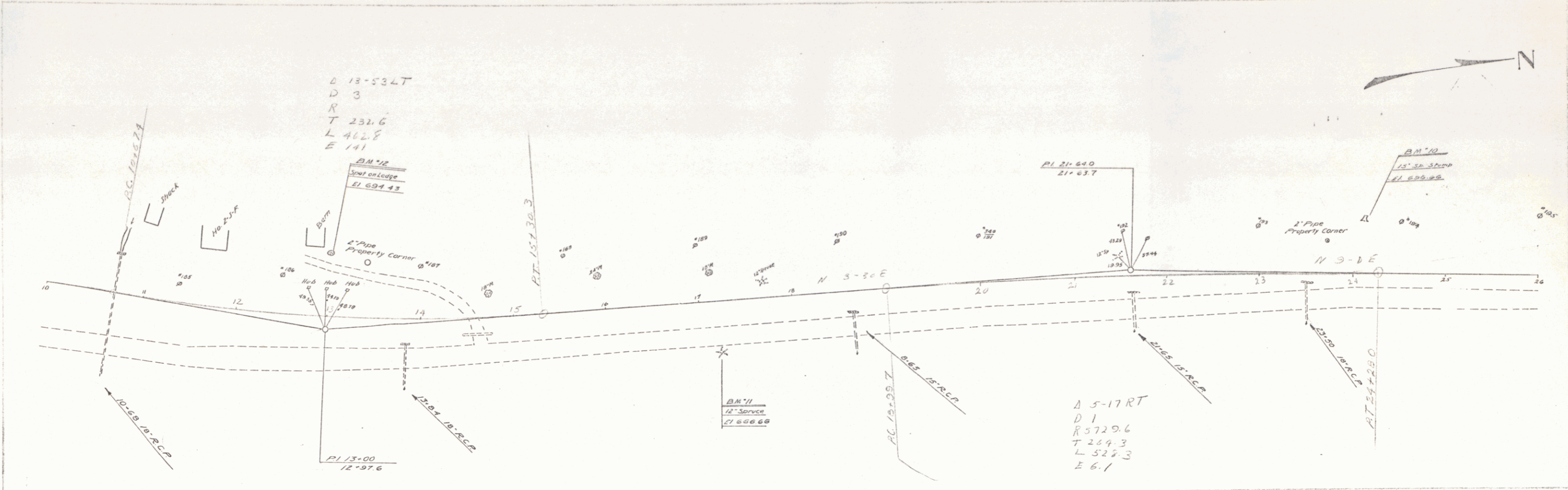


SERIES 1 NO
 SHEET 1 OF



B.M. 14 SPIKE IN POLE 175 24.1 T 374 -4.20 EL 722.31
 B.M. 13 SPOT ON 6' BOULDER 95.1 T 374.1 EL 701.81

SERIES NO
 SHEET 1 OF

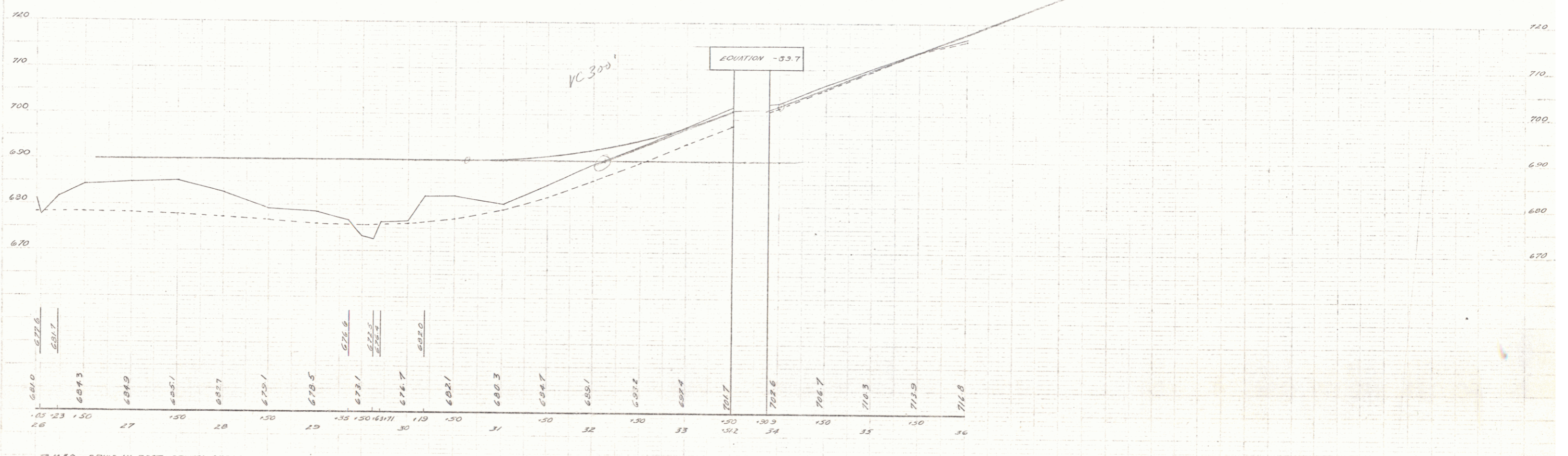
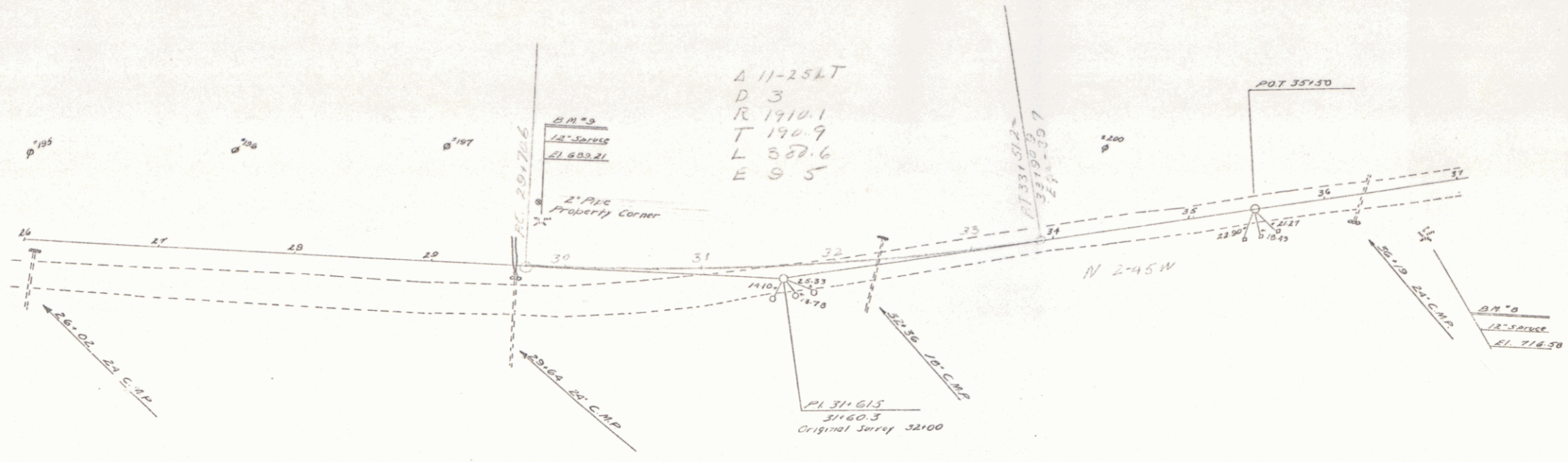


B.M. 12 SPOT ON LEDGE 60' LT STA 12+97 EL 694.43
 B.M. 11 SPIKE IN ROOT OF 12" SPRUCE 56' RT STA 17+20 EL 696.66
 B.M. 10 " " " 13' " STUMP 56' LT STA 21+12 EL 696.66

SERIES NO
 SHEET 2 OF

33

DATE
BY
CHECKED
APPROVED



B.M. 'O' SPIKE IN ROOT OF 12' SPRUCE 34' LT STA. 29+80 EL. 689.21

SERIES SHEET 3 NO OF

65

REINFORCED CONCRETE PIPE

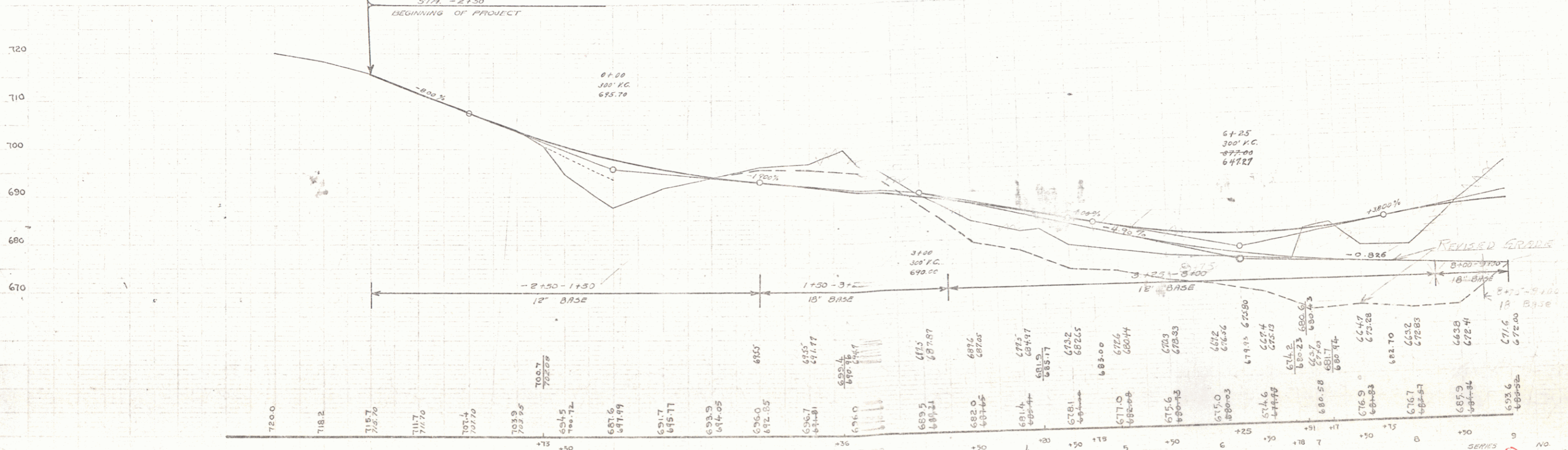
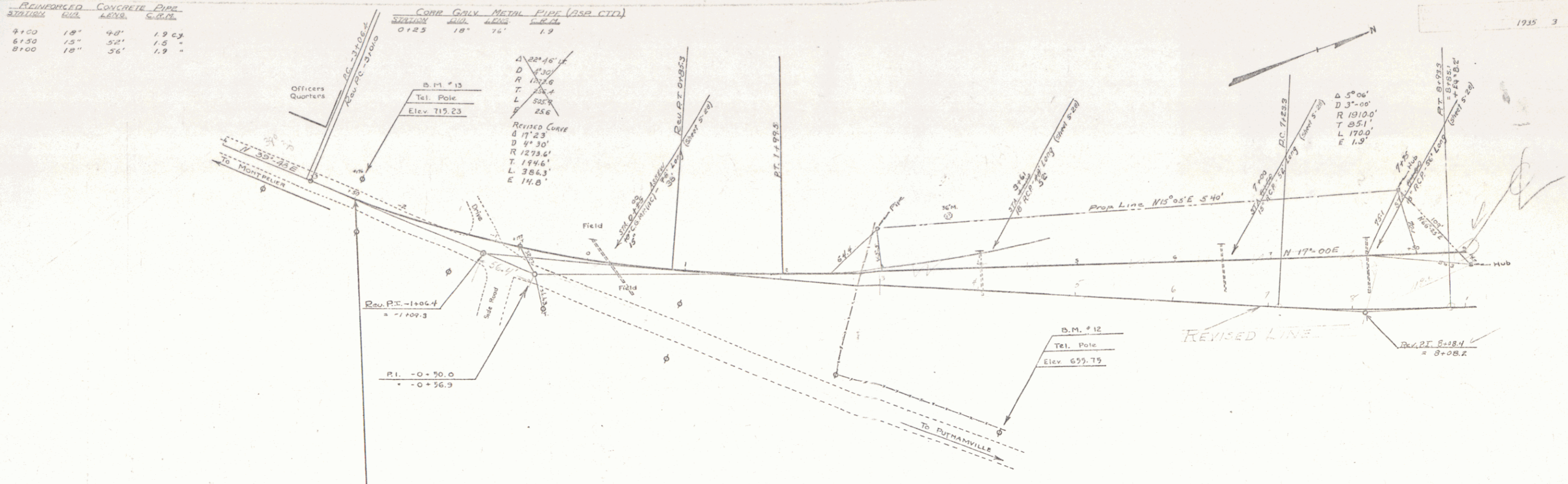
STATION	W.D.	H.D.	C.D.
4+00	18"	48"	1.9 c.f.
6+50	18"	52"	1.5 "
8+00	18"	56"	1.9 "

CORR. GALV. METAL PIPE (250 CTD)

STATION	W.D.	H.D.	C.D.
0+25	18"	76"	1.9

1935 3 13

Map 35
Leach
Bjorn
Bjorn
Traced

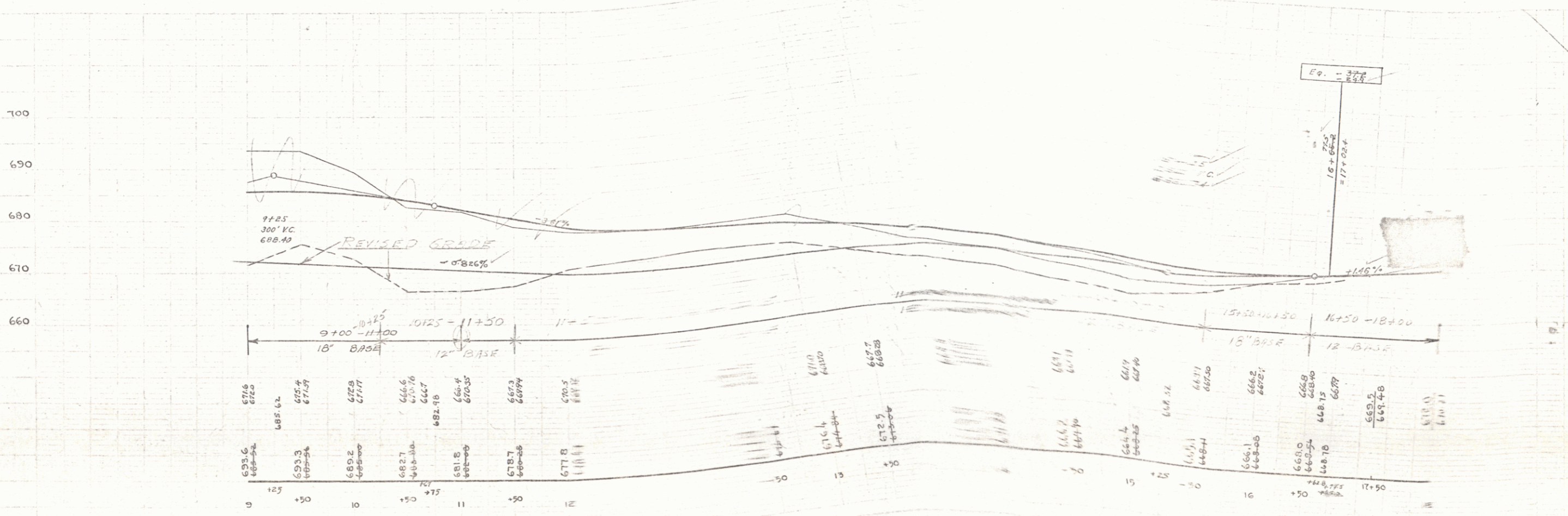
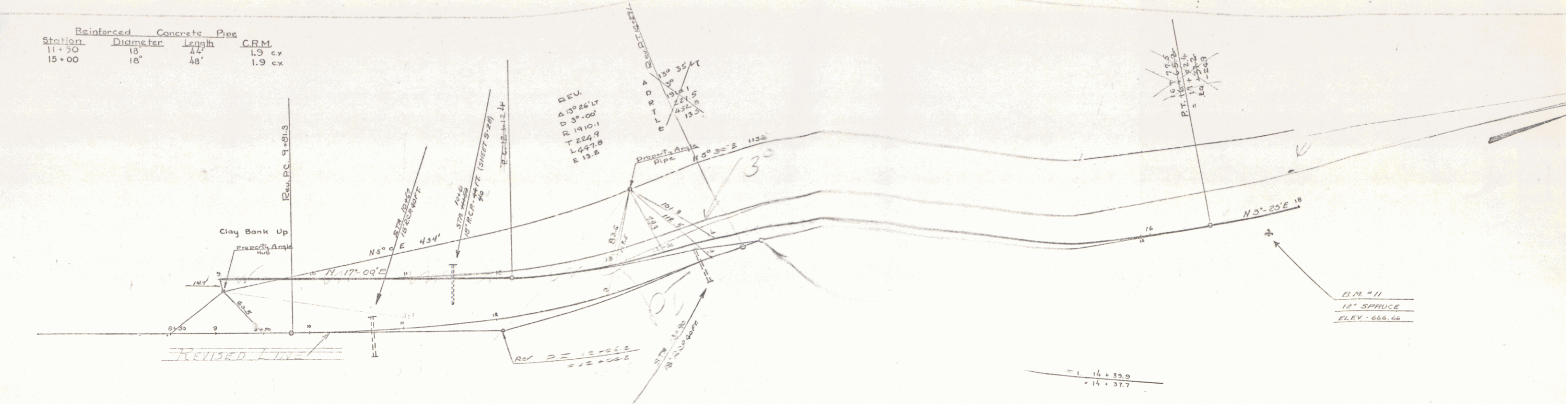


B.M. #12 SPIKE IN TEL. POLE 61' RT. OF STA 4+25 ELEV. 655.75
B.M. #13 " " " " 20' RT. OF STA -2+52 ELEV. 719.23

SERIES SHEET 3 OF 43

Station	Diameter	Length	C.M.
11+50	18"	48'	1.5 c.v.
15+00	18"	48'	1.9 c.v.

Rev. 35
 Leach
 Bjorn
 Traced
 Bjorn



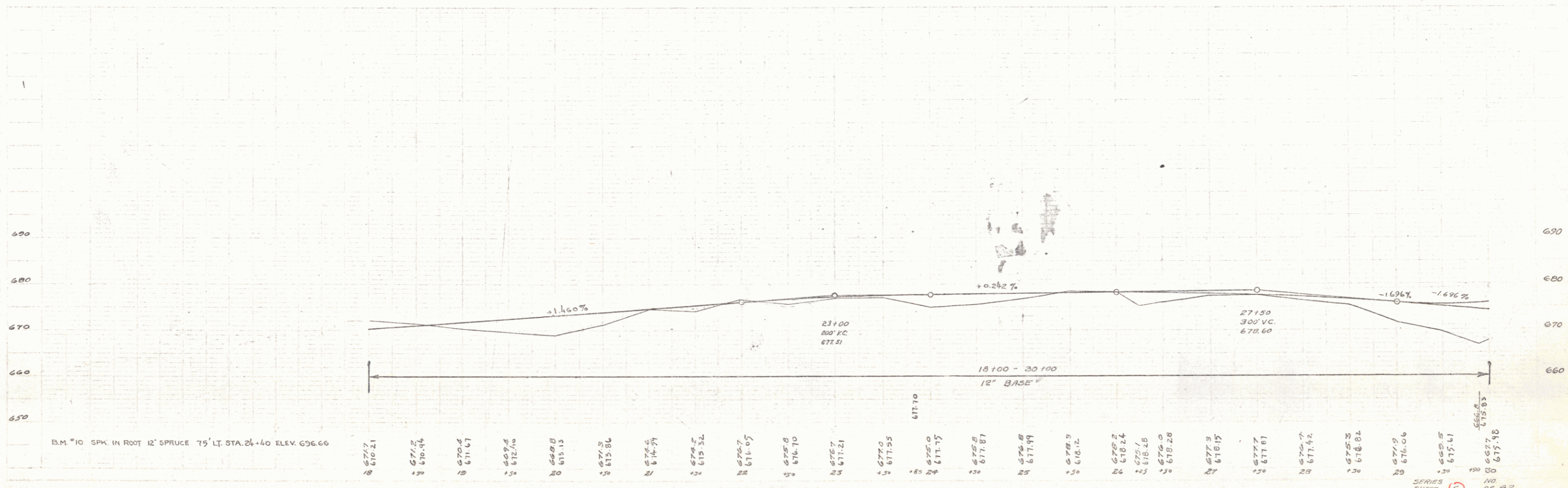
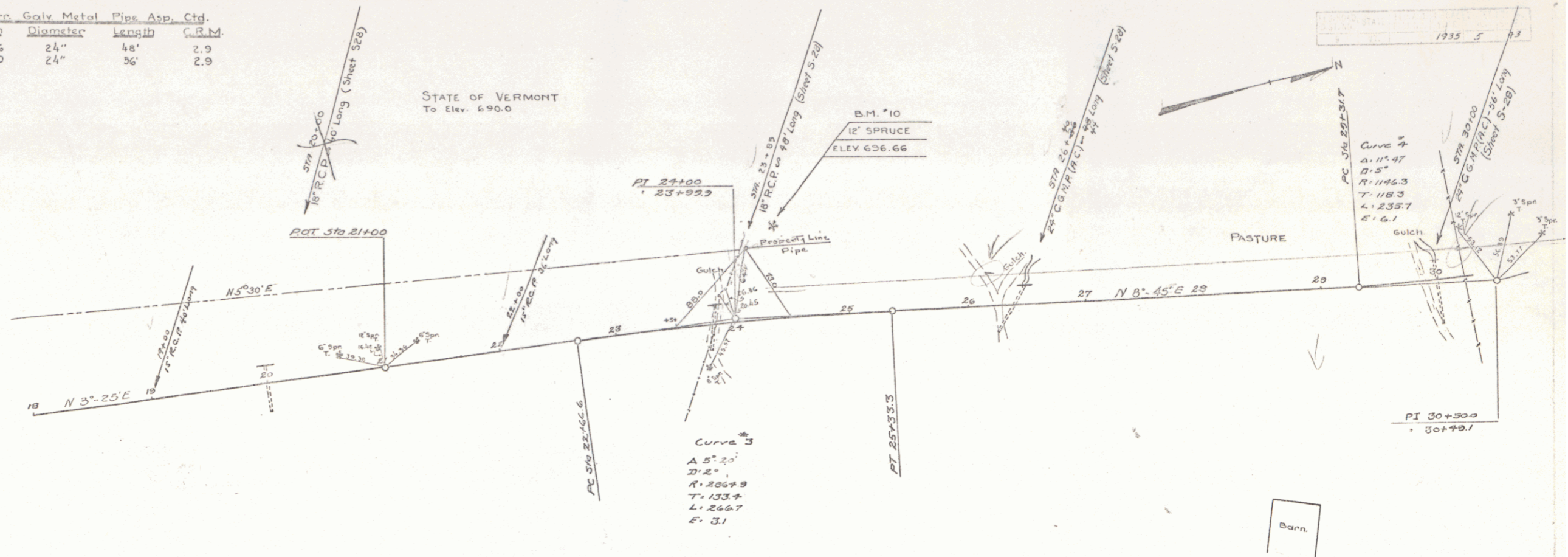
B.M. #11 SPK IN FOOT OF 12" SPRUCE 15' FT. OF STR. 17162 ELEV. 666.66

SHEET 4

67

Reinforced Concrete Pipe				Corr. Galv. Metal Pipe App. Ctd.			
Station	Diameter	Length	C.R.M.	Station	Diameter	Length	C.R.M.
20+00	18"	40'	1.9	26+36	24"	48'	2.9
23+85	18"	48'	1.9	30+00	24"	36'	2.9

STATE OF VERMONT
To Elev. 690.0



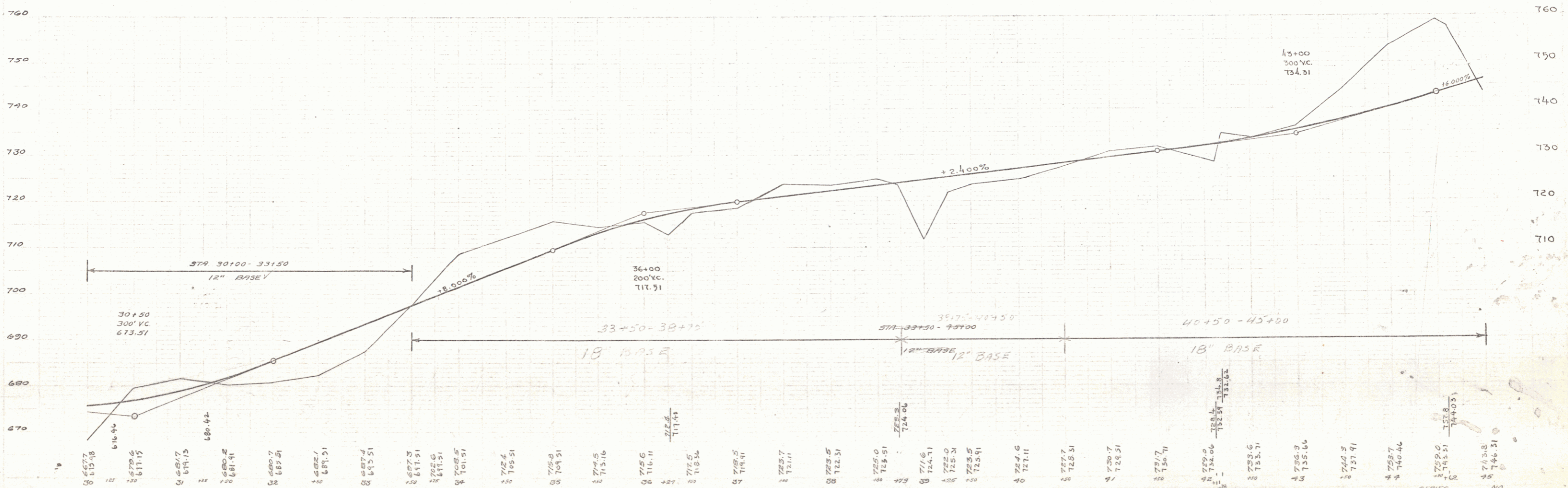
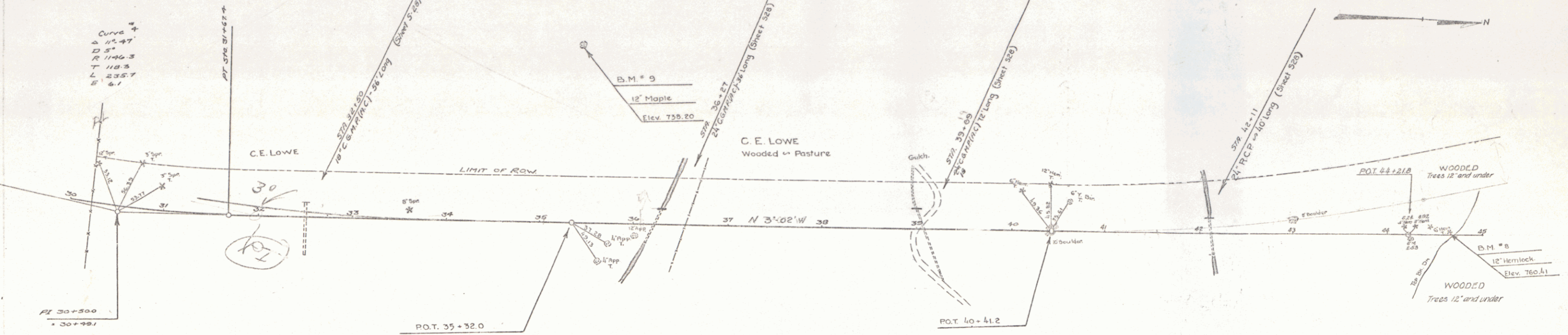
B.M. #10 SPK IN ROOT 12' SPRUCE 75' LT. STA. 24+40 ELEV. 656.66

SERIES SHEET 5 OF 43

REINFORCED CONCRETE PIPE		
STATION	LEN.	C.P.M.
+2111	24'	40'
		27 cy

CORR. GALV. METAL PIPE (D.S.P. CTD.)			
STATION	LEN.	WGT.	C.P.M.
35+50	18'	56'	1.9 c.y.
36+27	24'	35'	2.9 "
37+09	24'	75'	2.9 "

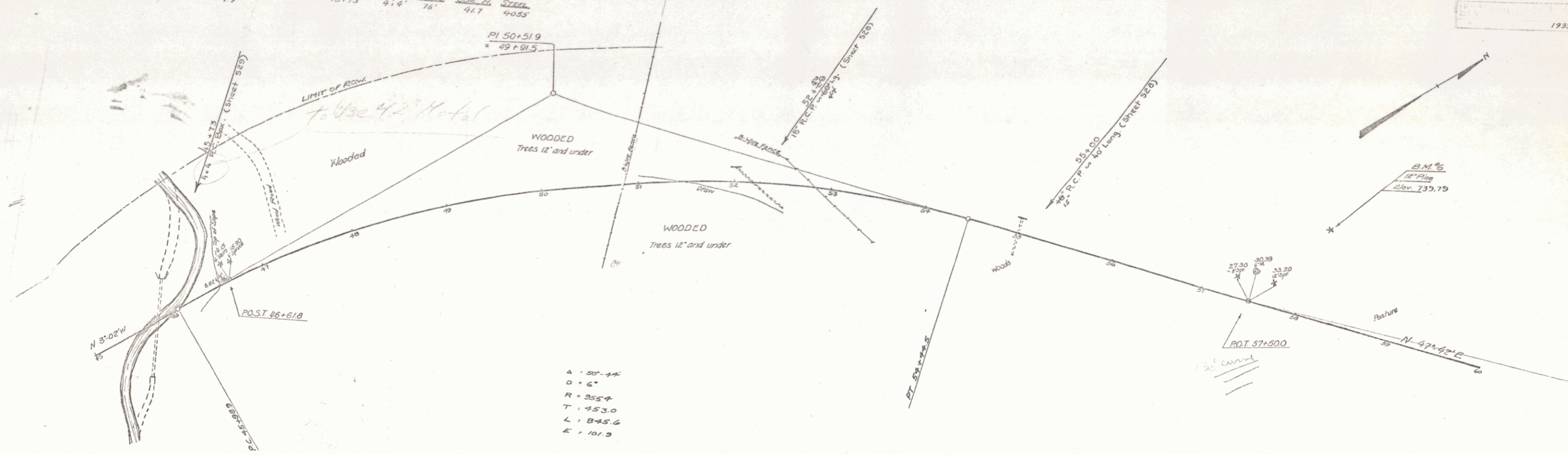
1935 6 13



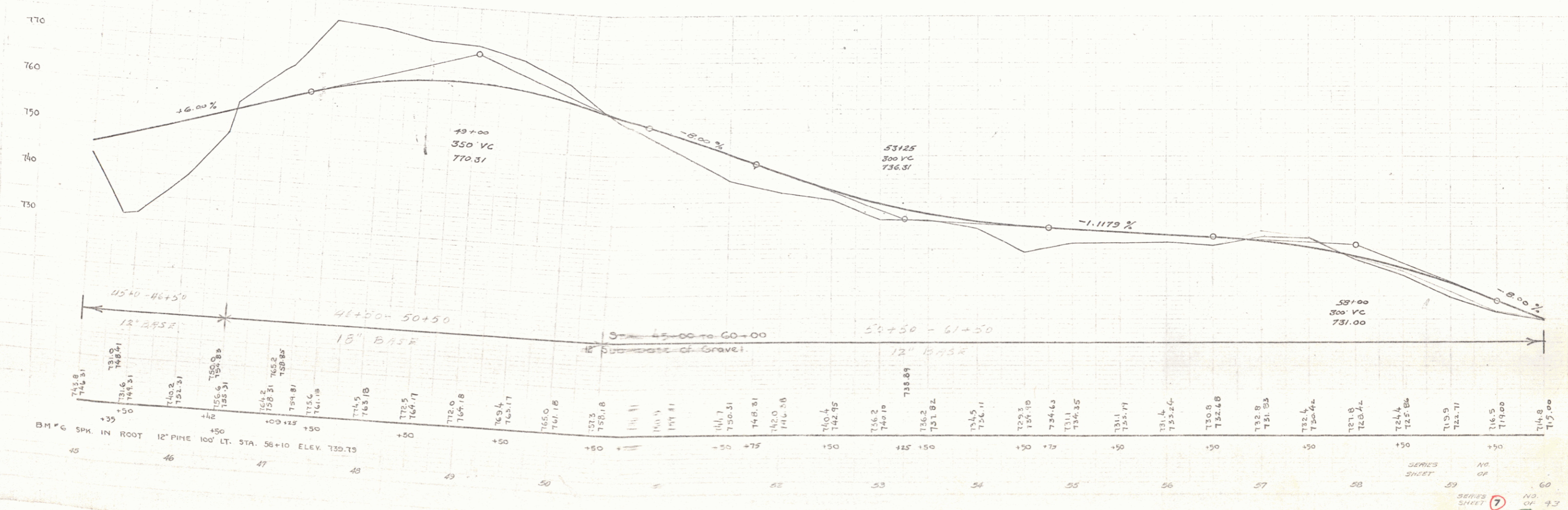
B.M. #3 SPK. IN ROOT 12" M. 190' LT. 35+40 ELEV. 758.20
 B.M. #8 SPK. IN ROOT 12" HEM. 38' RT. 44+56 ELEV. 760.41

Station	Dist.	Length	Sub. No.
52120	18"	60'	19
53100	18"	40'	19

Station	Dist.	Length	Sub. No.
43173	4.4'	76'	41.7
			40.55



- A = 80'-14"
- D = 6"
- R = 255'
- T = 953.0
- L = 8+5.6
- E = 101.3

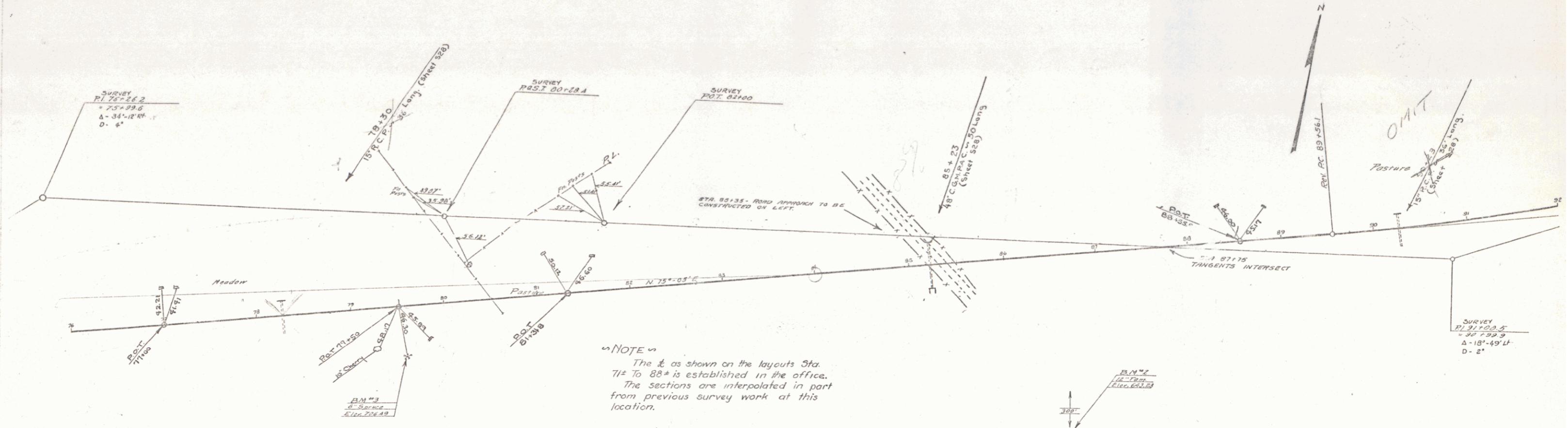


SERIES SHEET 7 OF 9
 NO. 70

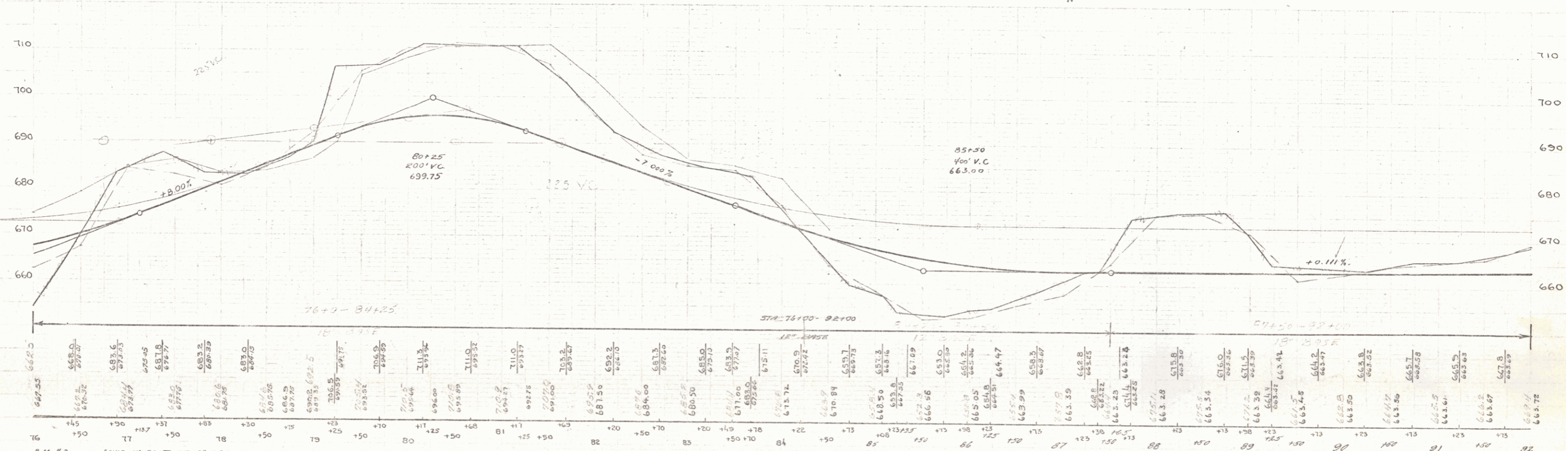
REINFORCED CONCRETE PIPE			
STATION	DIAMETER	LENGTH	CRM.
78+30	15"	36'	1.5
90+23	15"	36'	1.5

CORR GALV METAL PIPE (Asp. Ctd.)				
STATION	DIAMETER	LENGTH	CONC. A	STEEL
85+23	48"	50'	80 c.y.	90 lbs.

1935 9 9

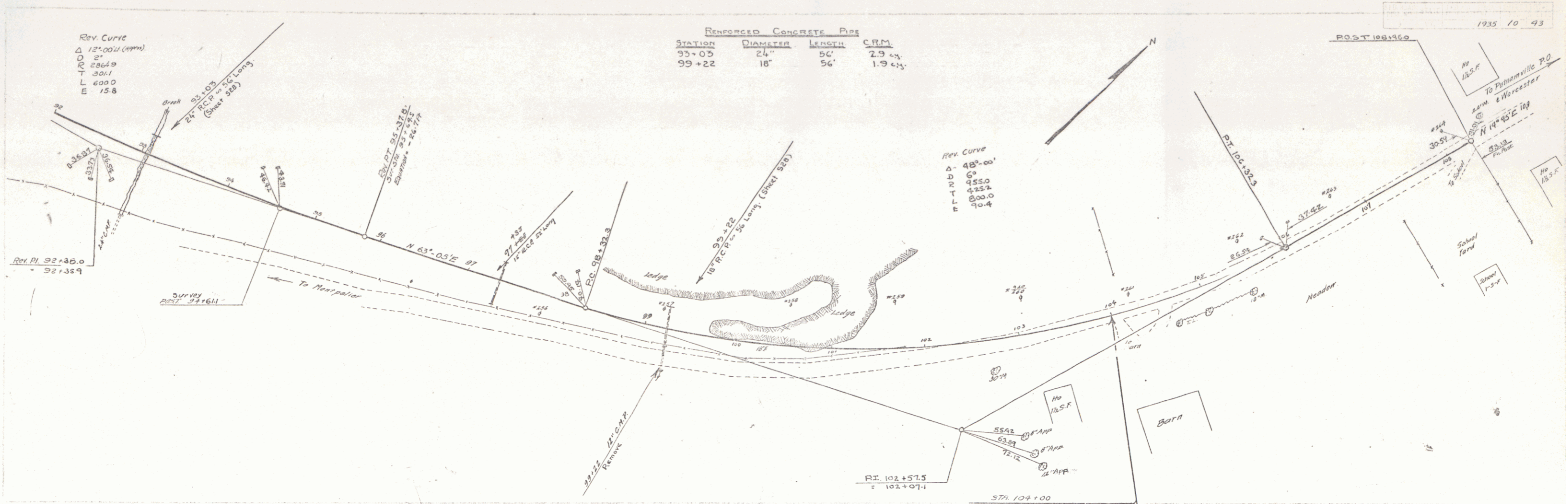


NOTE
The 1/2 as shown on the layouts Sta. 77+ to 88+ is established in the office. The sections are interpolated in part from previous survey work at this location.

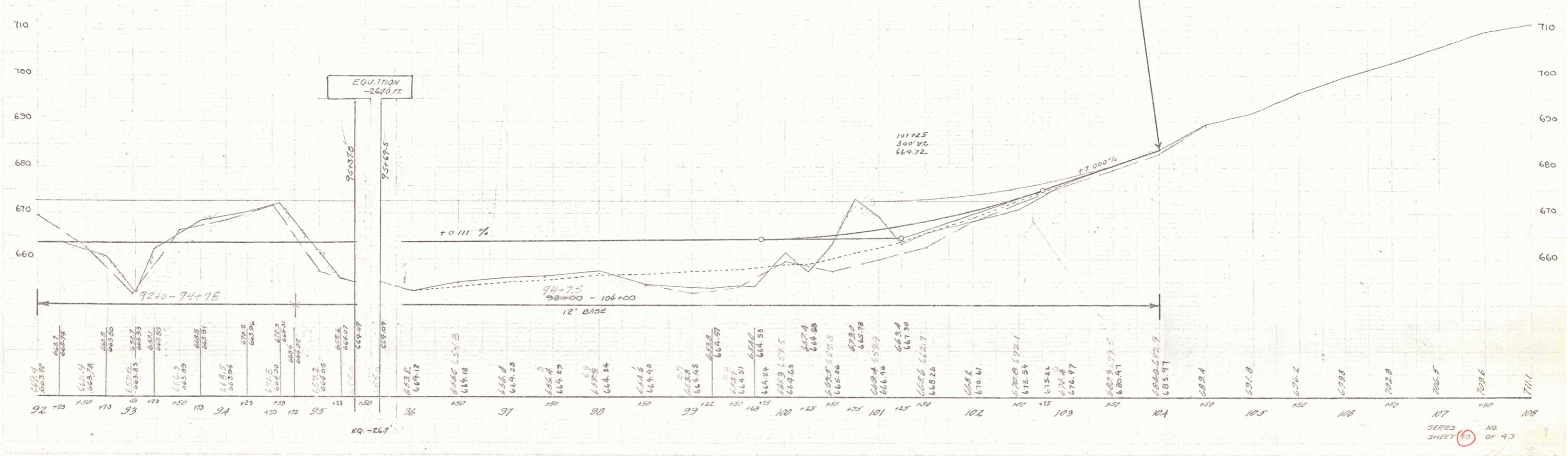


B.M. #3 SPIKE IN ROOT OF 8" SPRUCE 54 FT. RT. OF STA. 77+55 ELEV. = 706.49
 B.M. #2 SPIKE IN ROOT OF 12" TAMARAC 300 FT. RT. OF STA. 86+25 ELEV. = 643.23

SERIES SHEET 9 OF 9



REINFORCED CONCRETE PIPE			
STATION	DIAMETER	LENGTH	CRM
93+05	24"	56'	2.9
99+22	18"	56'	1.9



SERIES SHEET 10 OF 43