

INDEX OF SHEETS

SHEET NO. 1	TITLE PAGE
2	TYPICAL CROSS-SECTION OF IMPROVEMENT One Course Concrete Cur. 12' (Item 25)
3	BANKING AND WIDENING TABLES
4-5	PLAN AND PROFILE STA.
10	Standard Structure Sheet, 5-28 Drop Inlets
11	5-30 34" Underdrains & C&M Walls
12	5-31 Concrete Curb
13	5-40 Barricades, Lights, etc

Standard Structure Sheets approved by the Chief Engineer

5-28; July 11, 1933  
 5-30; Aug 15, 1933  
 5-31; July 23, 1934

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	Vt.	75C	1937	1	13

STATE OF VERMONT  
 STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED  
 STATE HIGHWAY

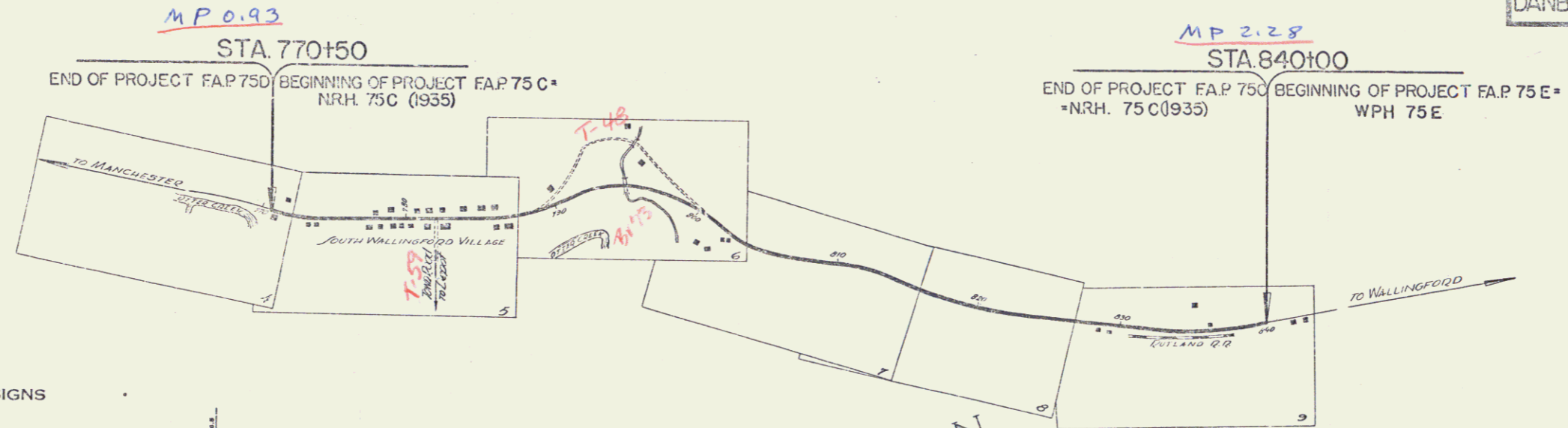
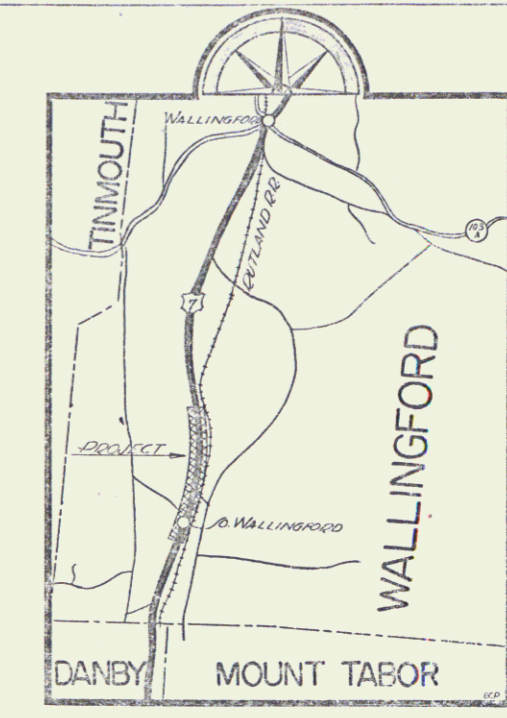
FEDERAL AID PROJECT

TOWN OF WALLINGFORD Pin # 99R487

MANCHESTER — RUTLAND ROAD

FROM A POINT 1150 FT. SOUTH OF THE INTERSECTION OF THE TOWN ROAD TO THE DEPOT IN SOUTH WALLINGFORD VILLAGE NORTHERLY 1.339 MILES TO A POINT 7350 FT. SOUTH OF THE INTERSECTION OF THE TOWN ROAD TO EAST WALLINGFORD.

LENGTH OF PROJECT: 7072.0 FEET = 1.339 MILES



APPROVED: *H. H. Houghton*  
 COMMISSIONER OF HIGHWAYS  
 SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

Rte. U.S. 7

CONVENTIONAL SIGNS

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

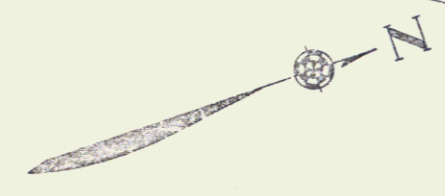
GROUND ELEVATION	DATUM	LINE
GRADE ELEVATION	DATUM	LINE

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" = 500'
TYPICAL	1" = 25'
PLAN	1" = 200'
PROFILE	1" = 20'
CROSS SECTIONS	1" = 5'

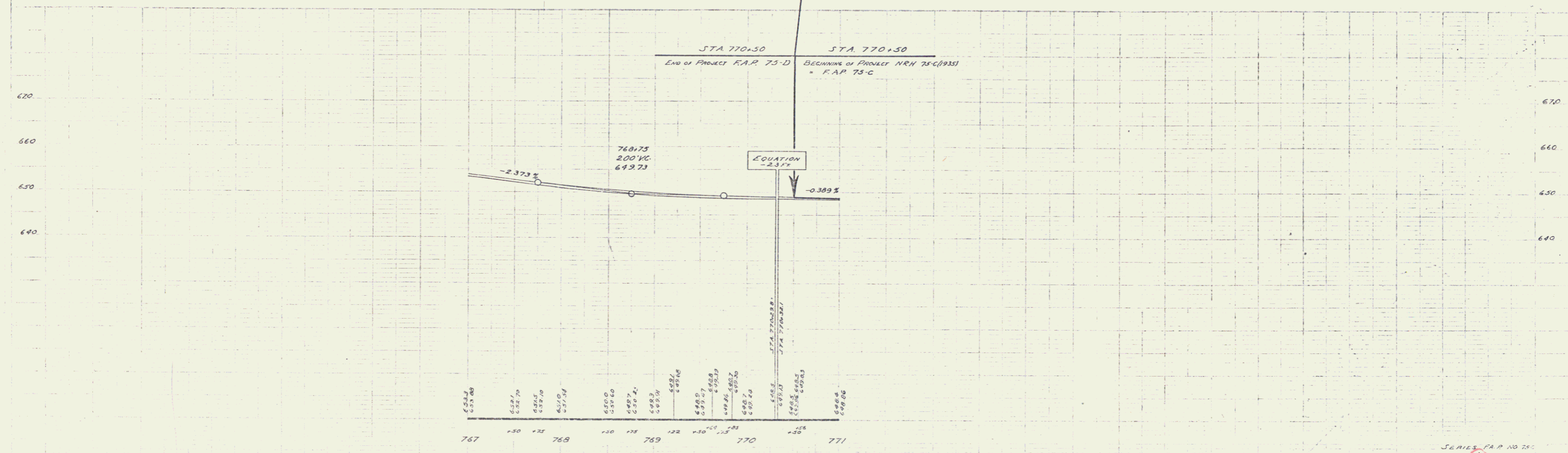
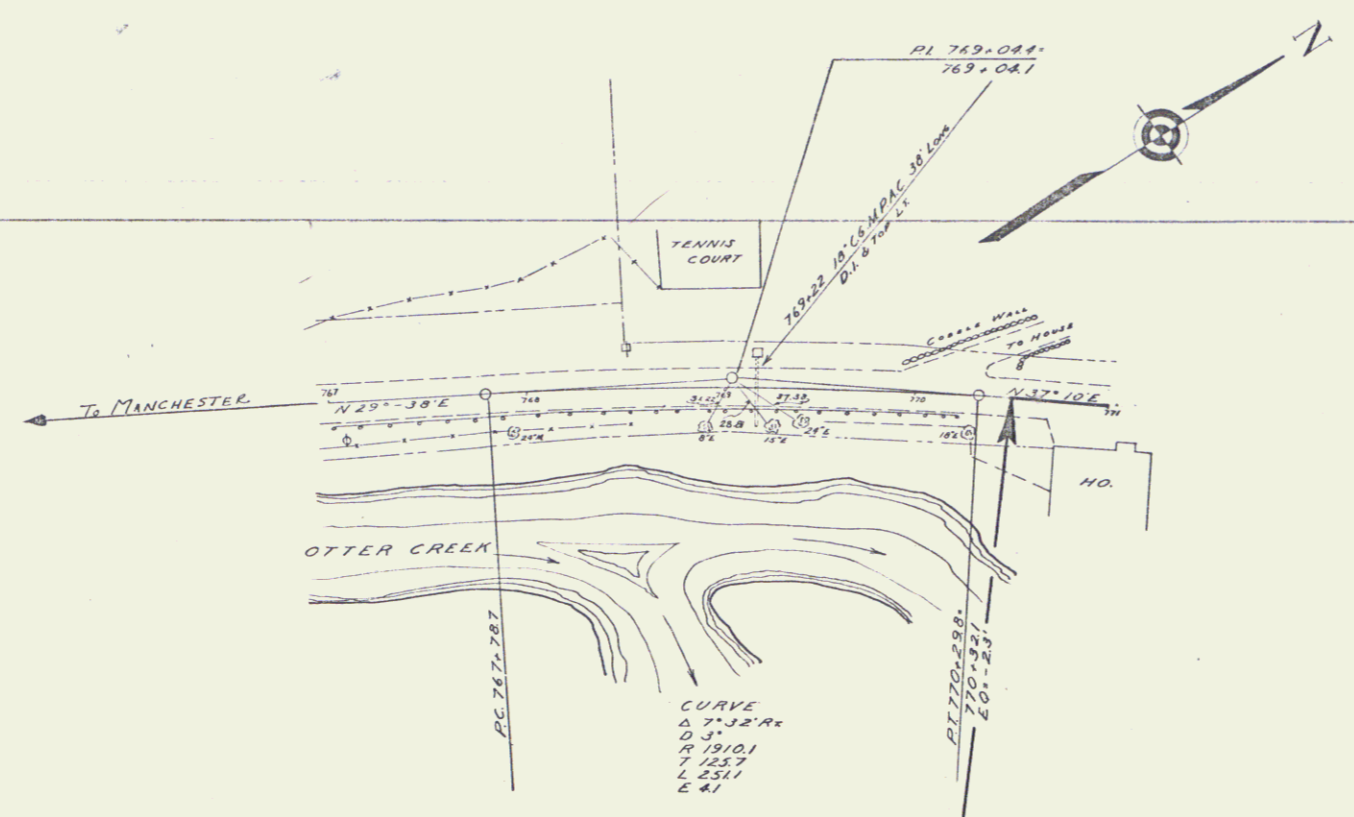


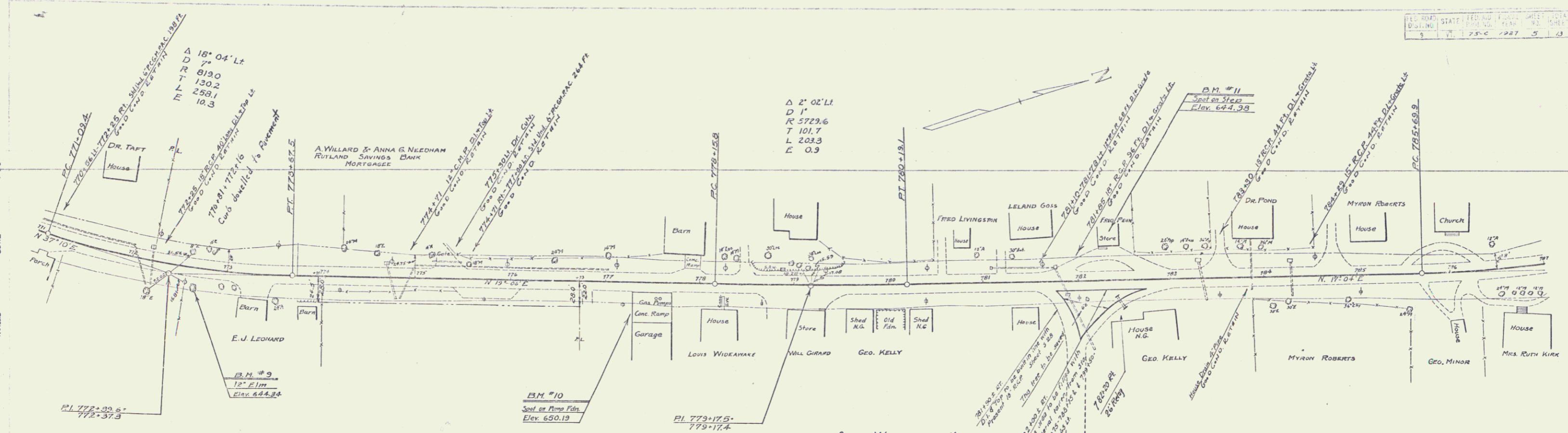
These plans are subject to revisions, as may be required by the Bureau of Public Roads or the Commissioner of Highways. Construction is to be carried on in accordance with the plans and Standard Road & Bridge Specifications of 1930, including all subsequent amendments and such revised specifications and special provisions as may be submitted with the plans.

Project No. F.A.P. 75C / N.R.H. 75C

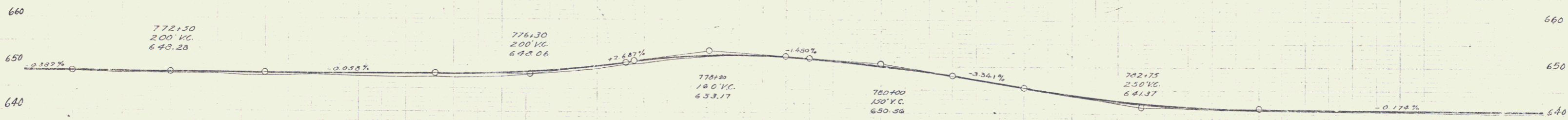
RECOMMENDED  
 DISTRICT ENGINEER  
 BUREAU OF PUBLIC ROADS  
 RECOMMENDED FOR APPROVAL  
 CHIEF ENGINEER  
 BUREAU OF PUBLIC ROADS  
 APPROVED  
 DIRECTOR - BUREAU OF PUBLIC ROADS

DESIGNED BY: *[Signature]*  
 DRAWN BY: *[Signature]*  
 SERIES F.A.P. NO. 75C FILED  
 SHEET 1 OF 13





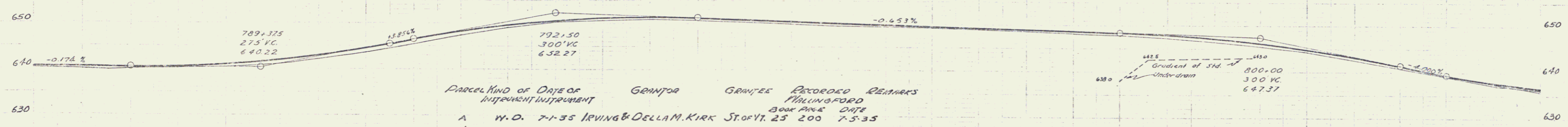
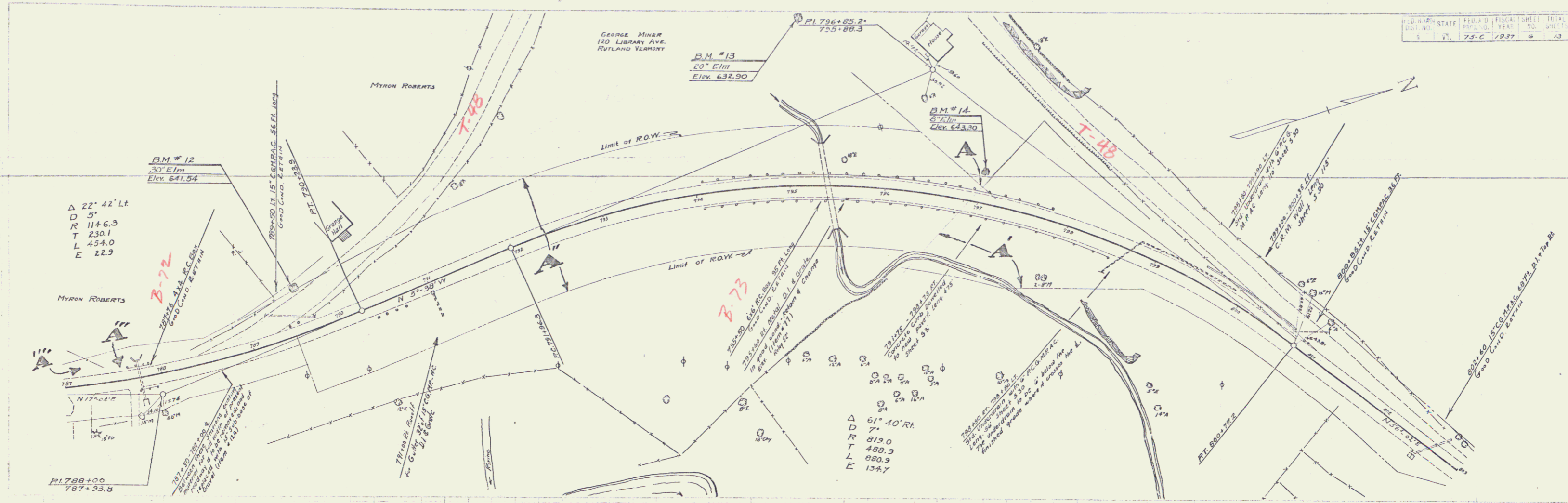
SOUTH WALLINGFORD VILLAGE



Station	Elevation
771	648.4
771+50	646.3
772	646.27
772+50	646.1
773	646.09
773+50	646.1
774	646.06
774+50	646.06
775	646.03
775+50	646.03
776	646.0
776+50	646.0
777	646.0
777+50	646.0
778	646.0
778+50	646.0
779	646.0
779+50	646.0
780	646.0
780+50	646.0
781	646.0
781+50	646.0
782	646.0
782+50	646.0
783	646.0
783+50	646.0
784	646.0
784+50	646.0
785	646.0
785+50	646.0
786	646.0
786+50	646.0
787	646.0

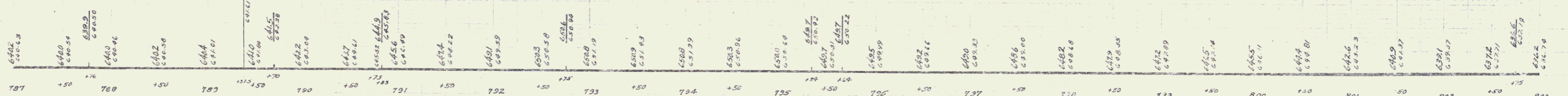
B.M. #9 SPIKE IN ROOT OF 12" ELM 10 FT. RT. OF STA. 772+63 ELEV. 644.34  
 B.M. #10 PAINT SPOT ON CONG. GAS PUMP FOUNDATION 16 FT. RT. OF STA. 777+51 ELEV. 650.19  
 B.M. #11 PAINT SPOT ON CONCRETE STEP 3 1/2 FT. LT. OF STA. 782+22 ELEV. 644.98

SCALE 1" = 20'  
 SHEET 13



Parcel	Kind of	Date of	Grantor	Grantee	Recorded	Remarks
		Instrument			Book Page	Date
A	W.D.	7-1-35	IRVING & DELLA M. KIRK	STORVY	25 200	7-5-35
A'	W.D.	7-1-35	STEARNS W/DAM WELSH	"	25 202	7-5-35
A''	W.D.	3-30-35	GEORGE E. MINER	"	25 183	4-25-35
A'''	Q.C.D.	7-9-35	MYRON ROBERTS	"	25 177	7-19-35
A''''	Q.C.D.	5-22-35	S.W. UNION CHURCH	"	25 190	5-22-35

Between these stations existing material for full width of present roadway is to be removed and replaced with sub-base of gravel.

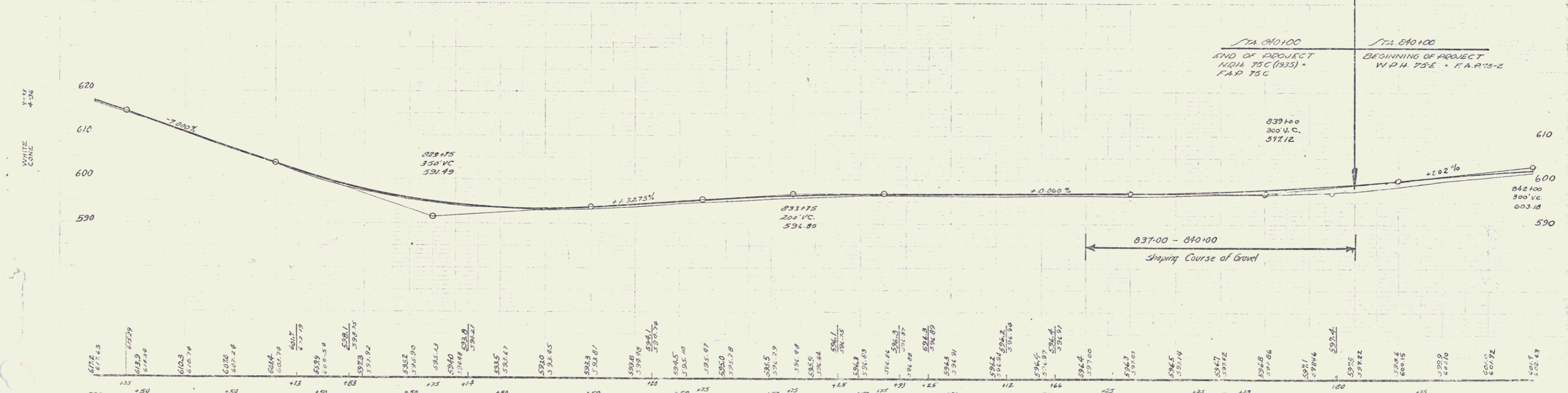
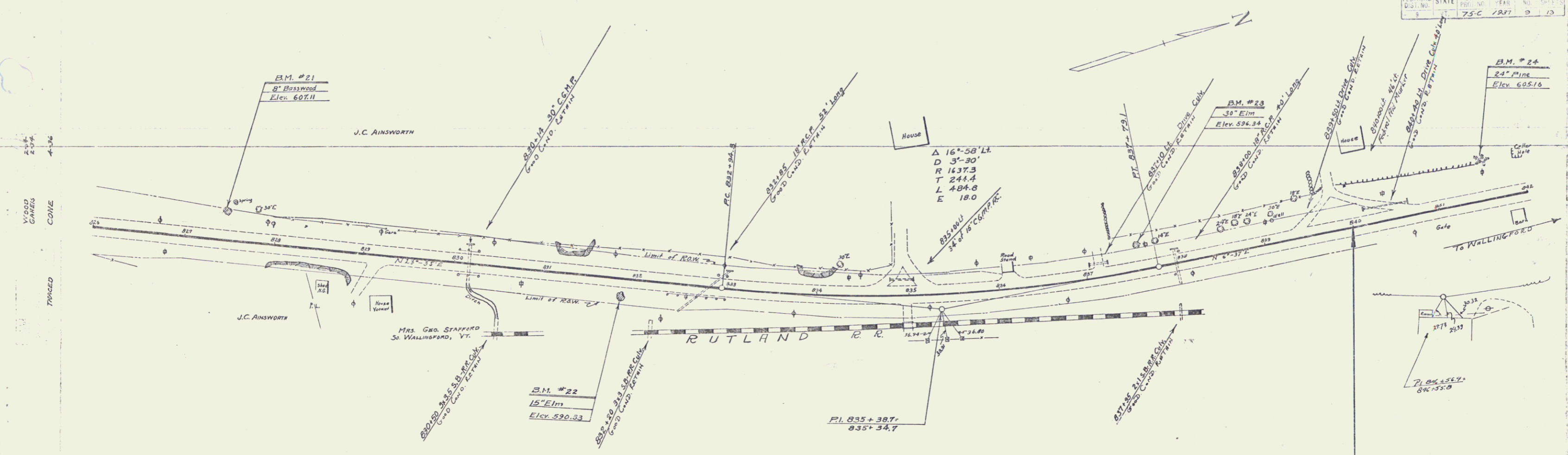


B.M. # 12 SPIKE IN ROOT OF 30" ELM 48 FT. LT. OF STA. 789+66 ELEV. 641.54  
 B.M. # 13 SPIKE IN ROOT OF 20" ELM 180 FT. LT. OF STA. 792+10 ELEV. 632.27  
 B.M. # 14 SPIKE IN ROOT OF 8" ELM 27 FT. LT. OF STA. 797+02 ELEV. 643.30

JAMES P.A.P. NO. 25-C  
 JUNE 1937







B.M. #21 SPIKE IN ROOT OF 6" BASSWOOD 30 FT. LT. OF STA. 827+24 ELEV. 607.11  
 B.M. #22 SPIKE IN ROOT OF 15" ELM 16 FT. RT. OF STA. 831+33 ELEV. 590.33  
 B.M. #23 SPIKE IN ROOT OF 30" ELM 27 FT. LT. OF STA. 837+29 ELEV. 596.34  
 B.M. #24 SPIKE IN ROOT OF 24" PINE 41 FT. LT. OF STA. 841+55 ELEV. 605.16

SERIES F.A.P. NO. 75C  
 SHEET 13

**INDEX OF SHEETS**

SHEET NO.	TITLE	PAGE
1	TYPICAL CROSS SECTION OF IMPROVEMENT	25 GRAVEL MIXED W/ PLAC SURFACE COURSE
2	DETAILS OF CONSTRUCTION	
3-10	PLAN AND PROFILE SHEETS	
10-A	STANDARD SHEET 340; BARRICADES, SIGNS & LIGHTS	

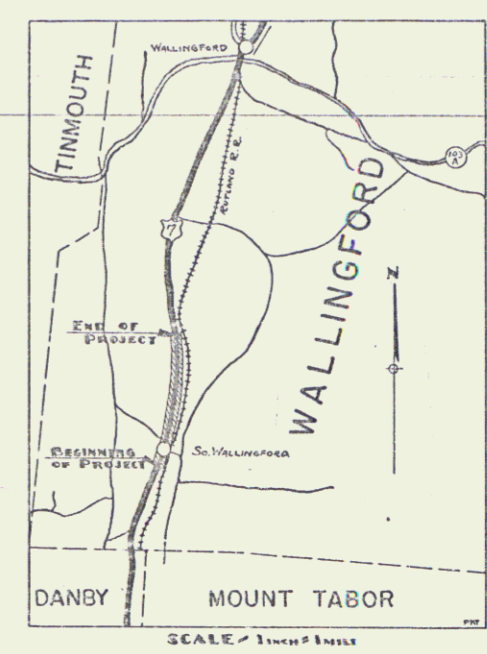
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	75 C	1934	1	10

STATE OF VERMONT  
STATE HIGHWAY DEPARTMENT

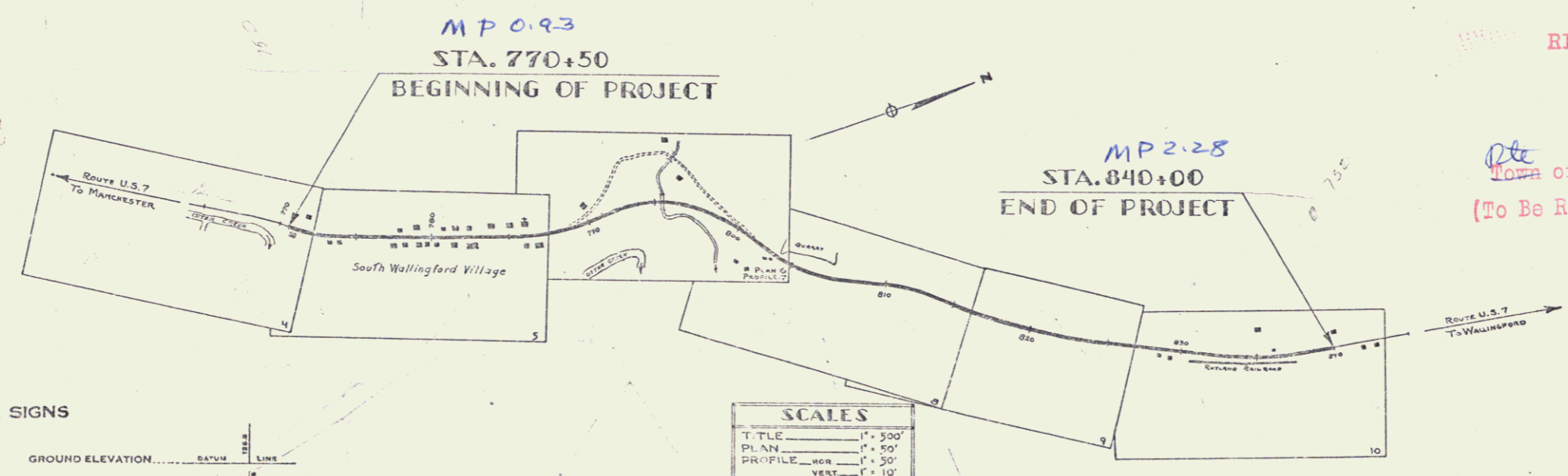
PLAN AND PROFILE OF PROPOSED  
STATE HIGHWAY

FEDERAL AID PROJECT  
TOWN OF WALLINGFORD  
MANCHESTER-RUTLAND ROAD

FROM A POINT 100 FEET SOUTH OF THE  
RESIDENCE OF DR. TAFT NORTHERLY  
1.339 MILES TO A POINT OPPOSITE THE  
RESIDENCE OF GEORGE STAFFORD.



LENGTH OF PROJECT: 7072.0 FEET = 1.339 MILES



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

APPROVED: DEC 29, 1934 APRIL 20, 1935  
H. C. [Signature]  
COMMISSIONER OF HIGHWAYS  
SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

**CONVENTIONAL SIGNS**

COUNTY LINE	GROUND ELEVATION
TOWN LINE	GRADE ELEVATION
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	
HEUGE	

**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.

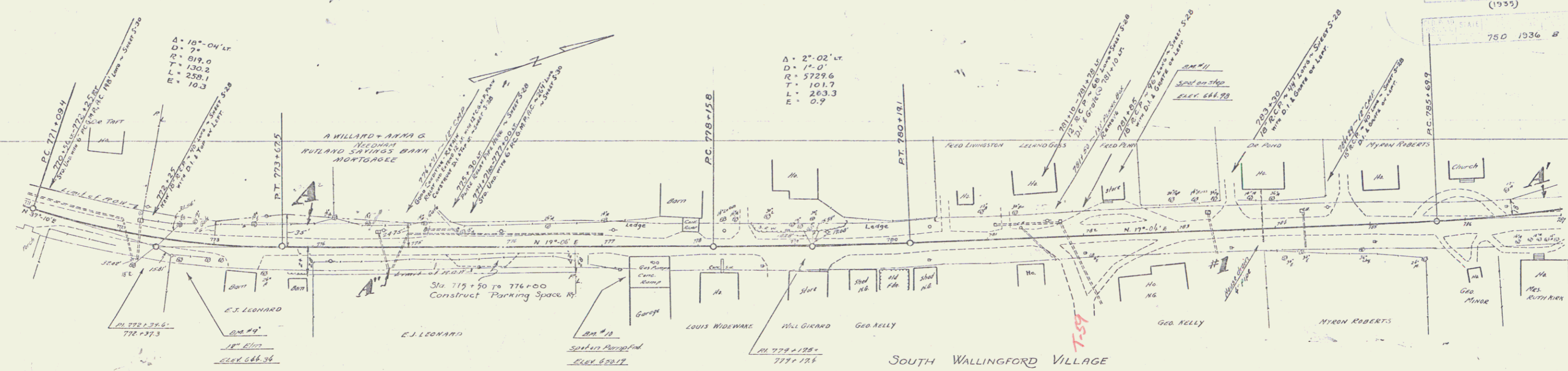
**SCALES**

TITLE	1" = 500'
PLAN	1" = 50'
PROFILE	1" = 50'
VERT.	1" = 10'

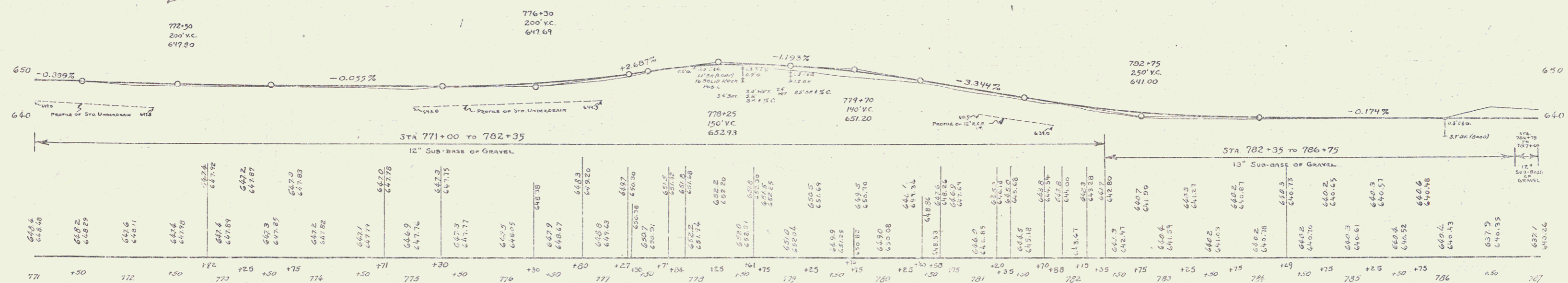
THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED BY THE BUREAU OF PUBLIC ROADS AND THE COMMISSIONER OF HIGHWAYS. CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THE PLANS AND STANDARD ROAD AND BRIDGE SPECIFICATIONS OF 1930 INCLUDING ALL SUBSEQUENT APPROVED REVISIONS, AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

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

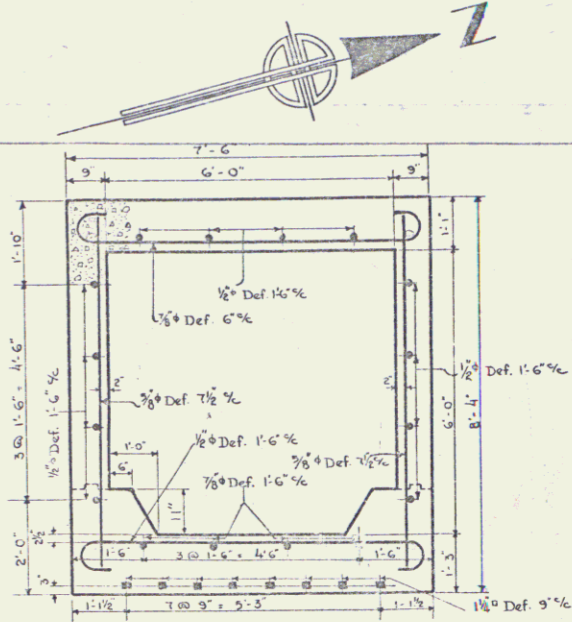
APR 20 1935  
SHEET 1 OF 47



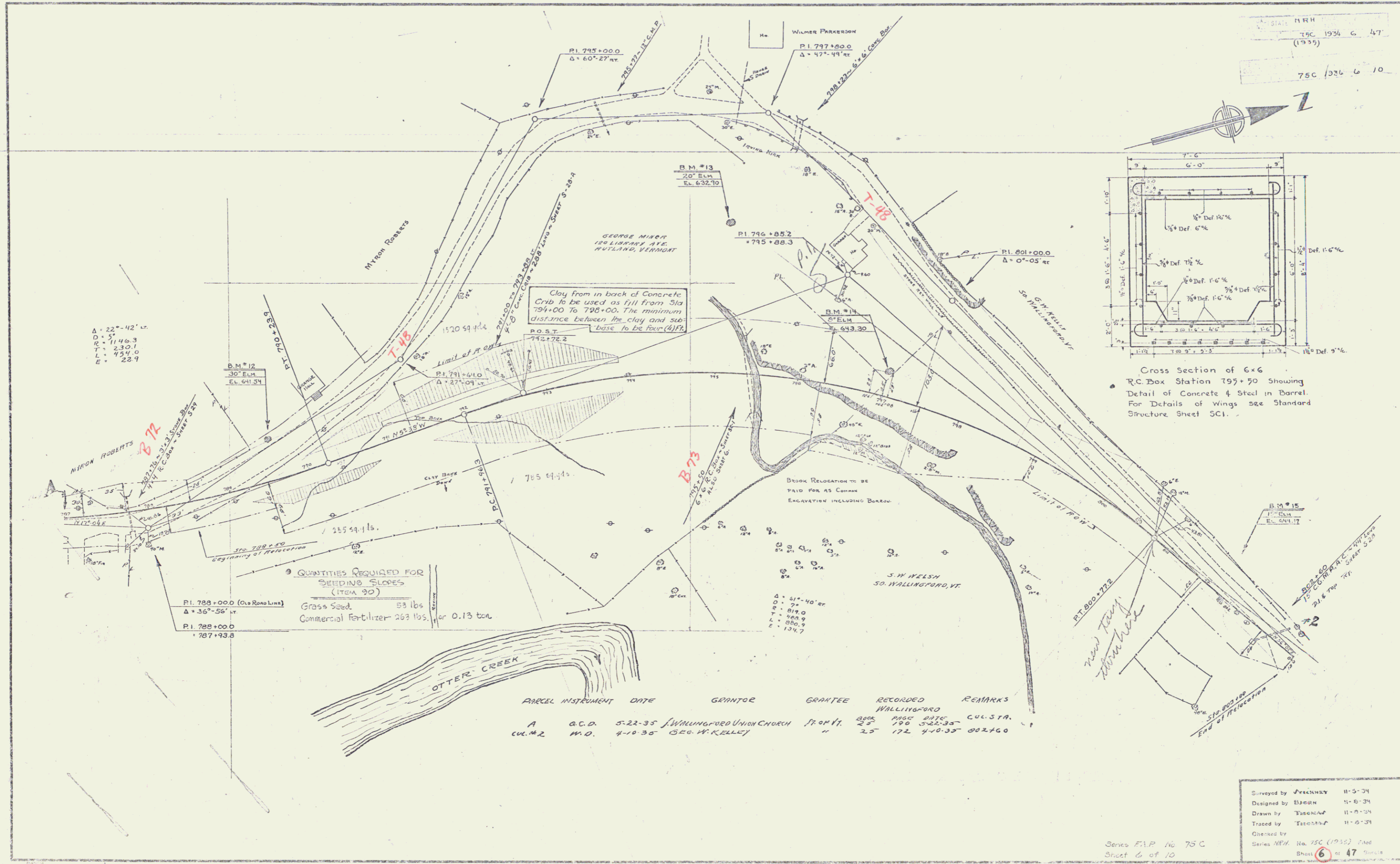
PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	WALLINGFORD	REMARKS
A	O.C.D.	3-29-35	A.W. & A.G. NEEDHAM	IT. OF VT.	BOOK 25	PAGE 192	4-25-35 CUL. STA.
A'	O.C.D.	5-22-35	S. WALLINGFORD UNION CHURCH	"	25	190	5-22-35
CUL. N	W.D.	4-10-35	GEO. W. KELLEY	"	25	172	4-10-35 783+30
A''	O.C.D.	2-2-37	E.J. LEONARD	"	25	333	2-6-37



STATE: VERMONT  
 TSC 1936 G. 47  
 (1935)  
 75C / 336 6 10



Cross Section of 6x6 R.C. Box Station 797+50 Showing Detail of Concrete & Steel in Barrel. For Details of Wings see Standard Structure Sheet SCL.



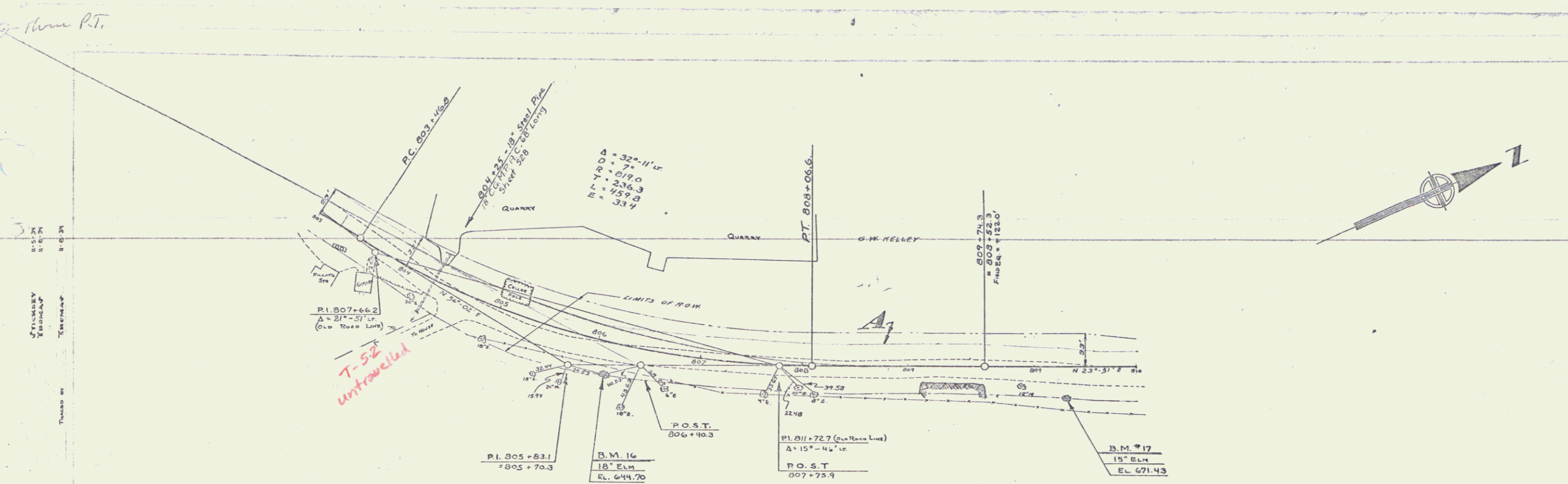
Δ = 22°-42' 1/2"  
 D = 51'  
 R = 1146.3  
 T = 230.1  
 L = 454.0  
 E = 25.9

QUANTITIES REQUIRED FOR SEEDING SLOPES (ITEM 30)  
 Grass Seed 53 lbs  
 Commercial Fertilizer 263 lbs or 0.13 ton

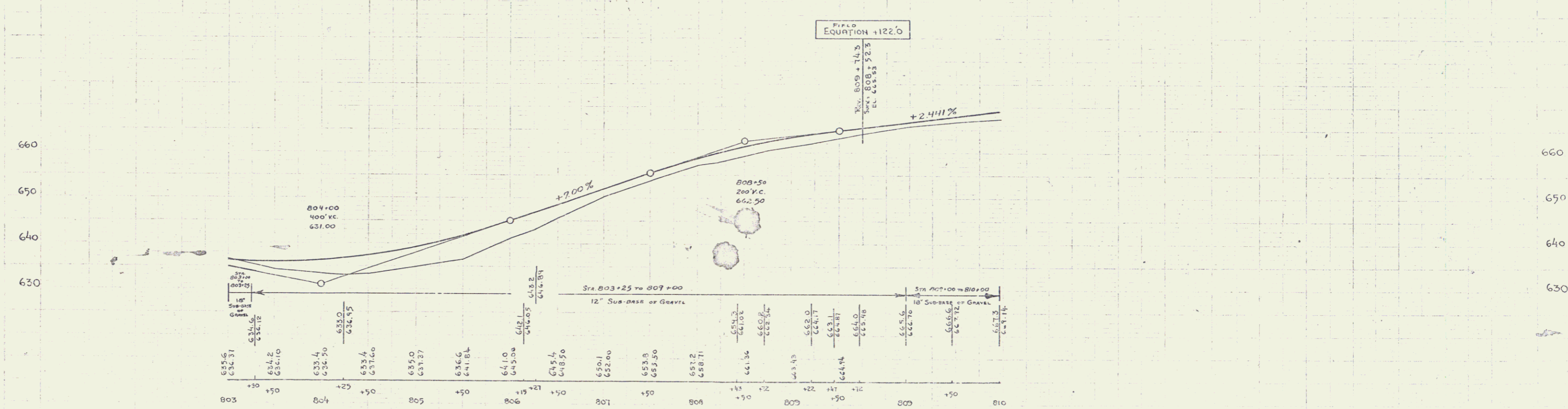
PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
A	C.C.D.	5-22-35	WALLINGFORD UNION CHURCH	ST. JOHN	25	CUL. 31A.
CUL. #2	M.D.	4-10-35	Geo. W. KELLEY	"	172	440-35 002160

Surveyed by: FRENCHMAN 11-5-34  
 Designed by: ELSBORN 11-5-34  
 Drawn by: TUCKERMAN 11-7-34  
 Traced by: ESTERMAN 11-5-34  
 Checked by: NEW  
 Series: F.I.P. No. 75 C  
 Sheet 6 of 10  
 No. 75C (1935) 47

N.R.H.  
 75C 1934 B 47  
 (1935)  
 75C 1936 B 10



PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
A-B	M.D.	4-10-35	GEO. W. KELLEY	TOP V. 25	172	4-10-35 783+30 & 802+60

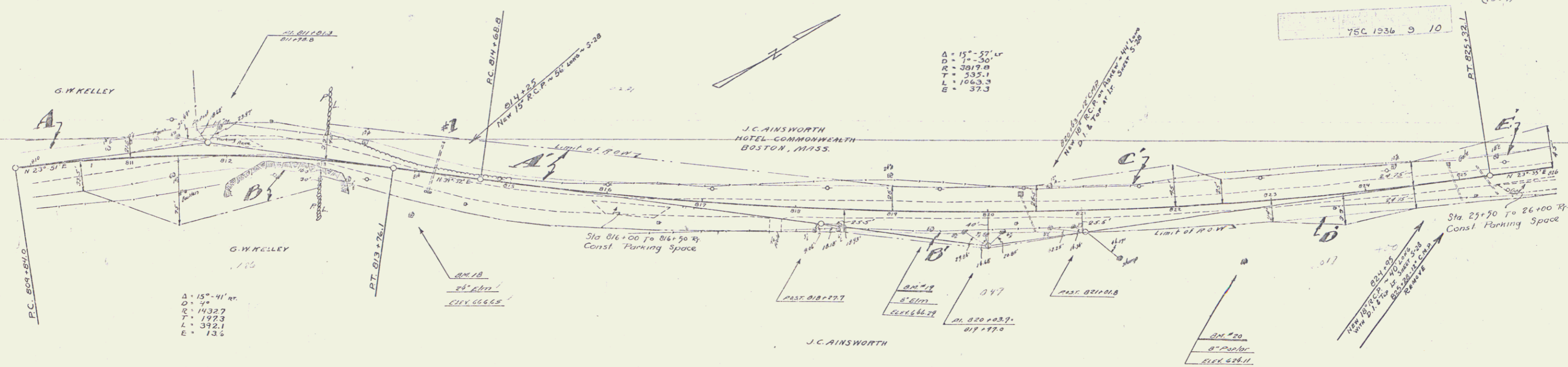


B.M. 16 - Spike in Root 16' Elm, 30' ret. STA. 806+16 Elev. 644.70  
 B.M. 17 - Spike in Root 15' Elm, 26' ret. STA. 809+25 Elev. 671.43

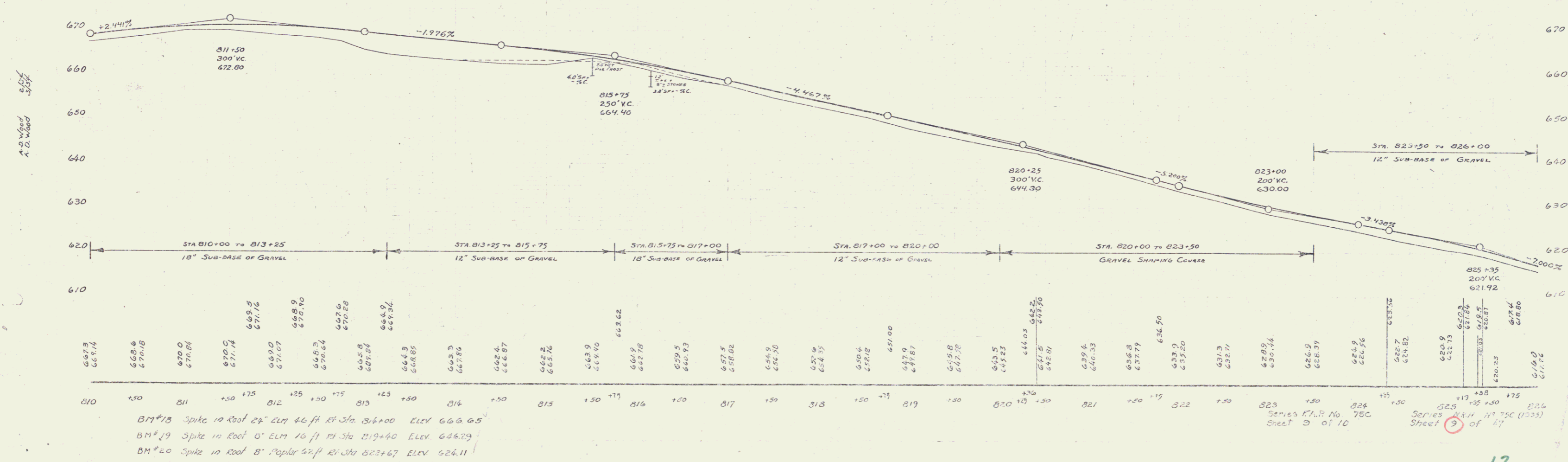
Series N.R.H. No. 75C (1935)  
 Street B of 47  
 Series T.P. No. 75C  
 Sheet B of 10

NRH  
 75C 1936 9 47  
 (1935)

75C 1936 9 10



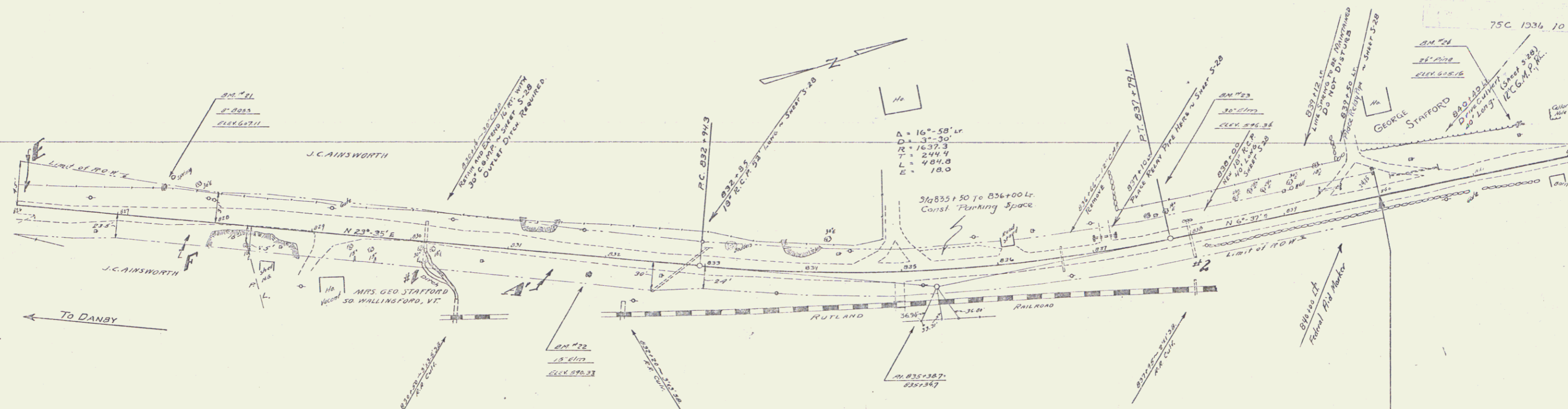
PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
A-B	W.D.	11-10-35	GEO. W. KELLEY	Staff	25 232	11-10-35 21425
110866	A.C.D.	11-13-35	J.C. AINSWORTH	Staff	25 232	11-10-35 21425



BM#18 Spike in Roof of Elm 46 ft Rt Sta 814+00 ELEV 666.05  
 BM#19 Spike in Roof of Elm 16 ft Rt Sta 819+40 ELEV 646.79  
 BM#20 Spike in Roof of Poplar 42 ft Rt Sta 822+67 ELEV 626.11

Series F.H. No 75C  
 Sheet 9 of 10  
 Series N.H. No 75C (1935)  
 Sheet 9 of 11

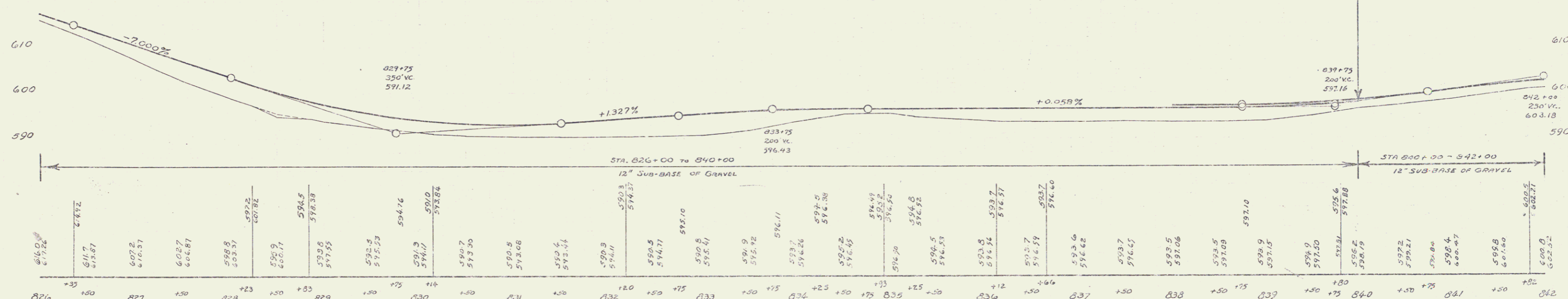
WPH  
75-E 1936 4 23  
75C 1936 10 10



PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
A	Q.C.D.	11-13-35	J.C. AINSWORTH	STOFFA	25	232 11-18-35 CUL#1-2
A'	Q.C.D.	4-10-35	MRS. GEO. STAFFORD	"	25	171 4-10-35 830+00 R 838+00

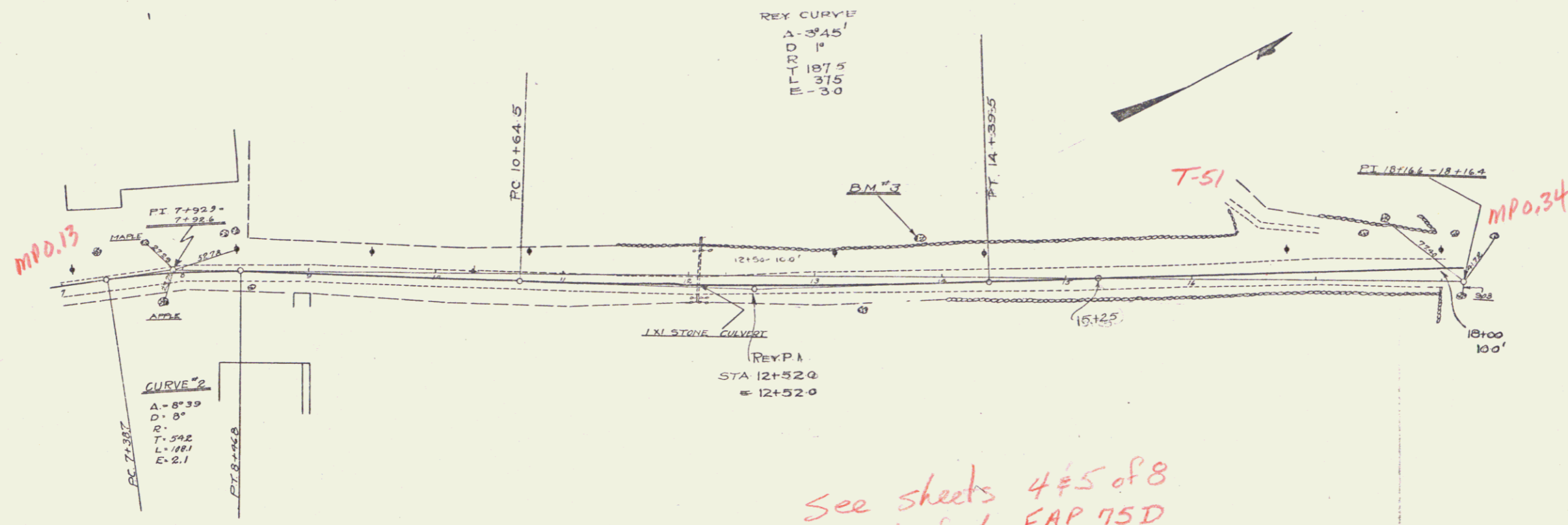
STA. 840+00  
END OF PROJECT  
WPH 75C (1935)  
F.A.P. 75C

STA. 840+00  
BEGINNING OF PROJECT  
WPH 75-E



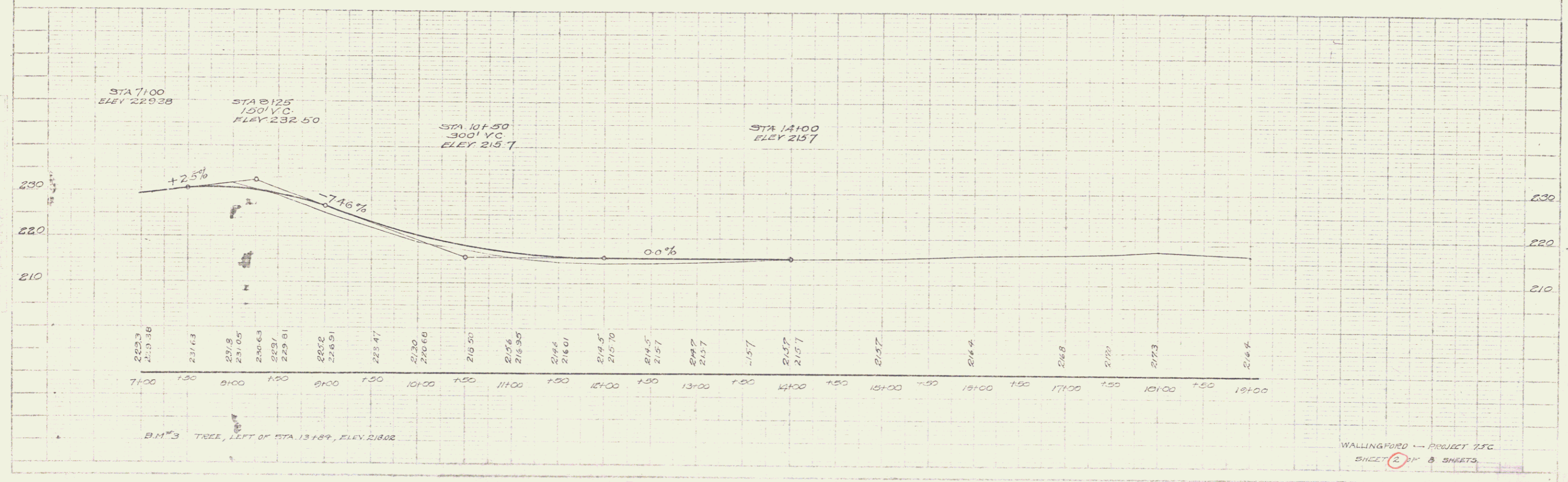
- BM#21 Spike in Root of Basswood 30ft H Sta 827+24 Elev 607.11
- BM#22 Spike in Root 15' Elm 18ft H Sta 831+33 Elev 590.33
- BM#23 Spike in Root 30' Elm 27ft H Sta 837+58 Elev 596.34
- BM#24 Spike in Root 24" Pipe 41ft H Sta 841+55 Elev 605.18

Series WPH No 75-E  
Sheet 4 of 23  
Series I.A.P. No. 75C  
Sheet 10 of 10



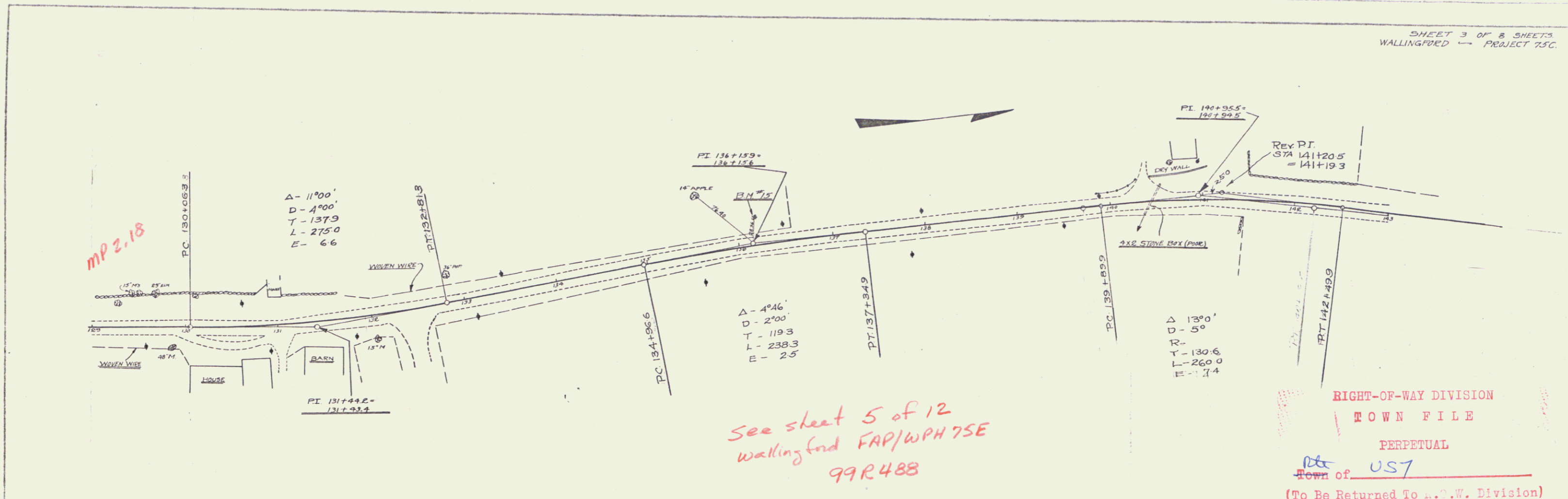
See sheets 4 & 5 of 8  
Wallingford FAP 75D  
99R486

RIGHT-OF-WAY DIVISION  
TOWN FILE  
PERPETUAL  
Term of US7  
(To Be Returned To R.O.W. Division)

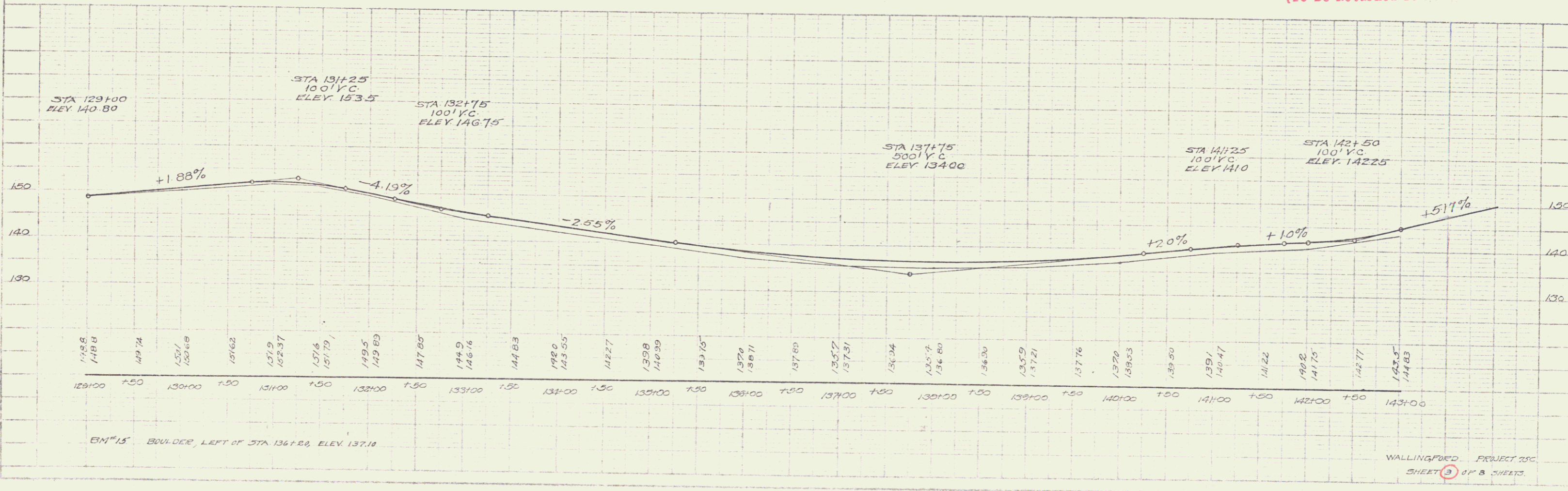


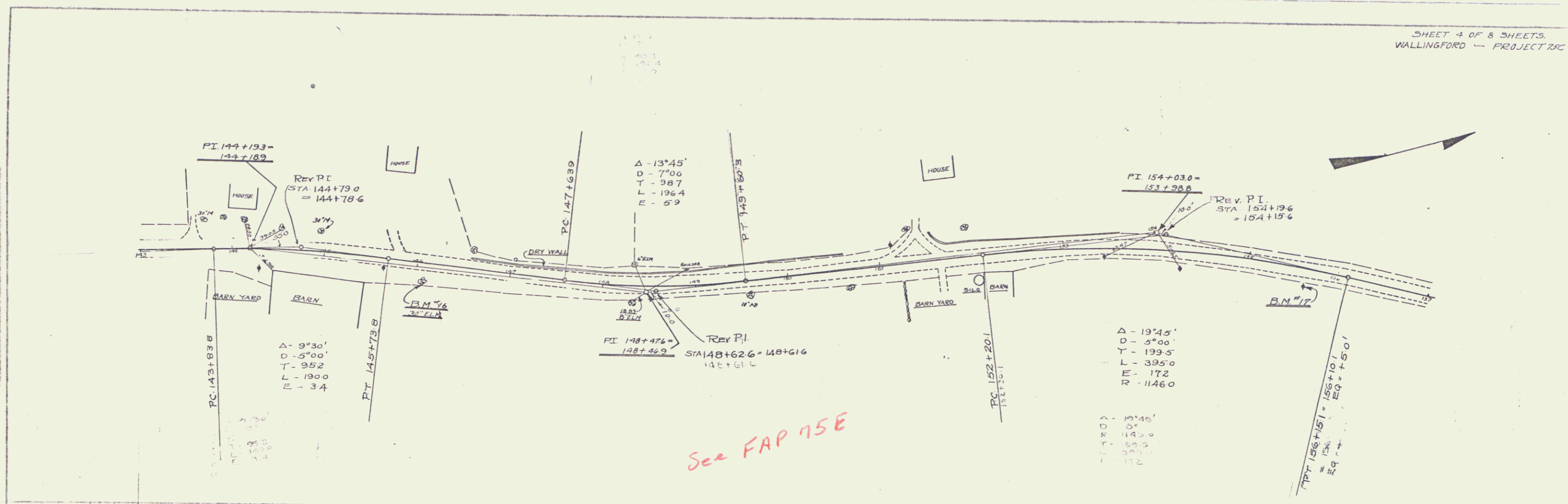
B.M. #3 TREE, LEFT OF STA. 13+89, ELEV. 218.02

PLAN
PROPOSED
DATE
BY
NO.

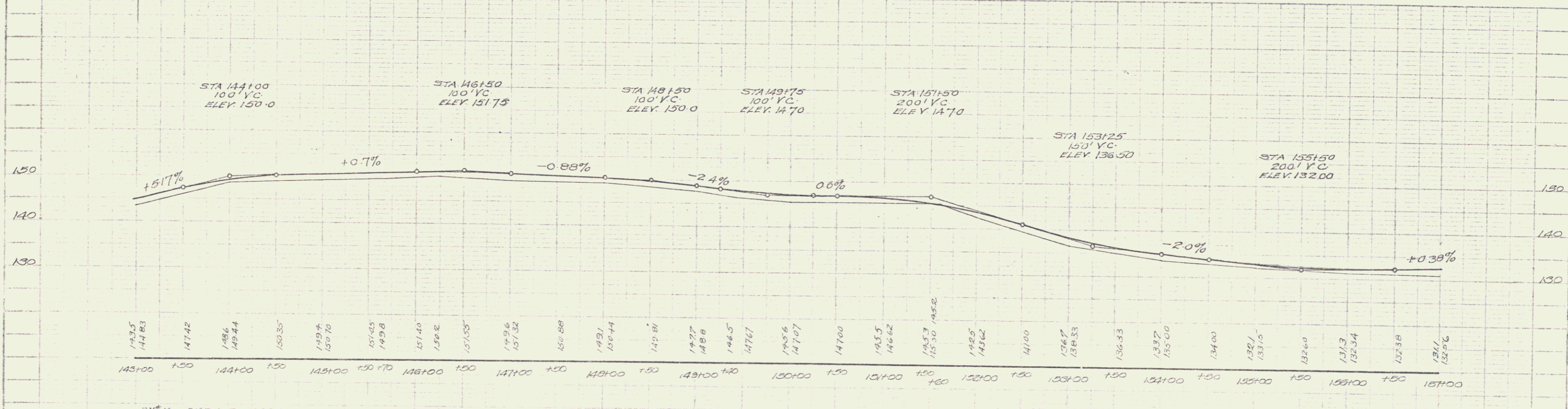


RIGHT-OF-WAY DIVISION  
TOWN FILE  
PERPETUAL  
Town of US7  
(To Be Returned To R.O.W. Division)



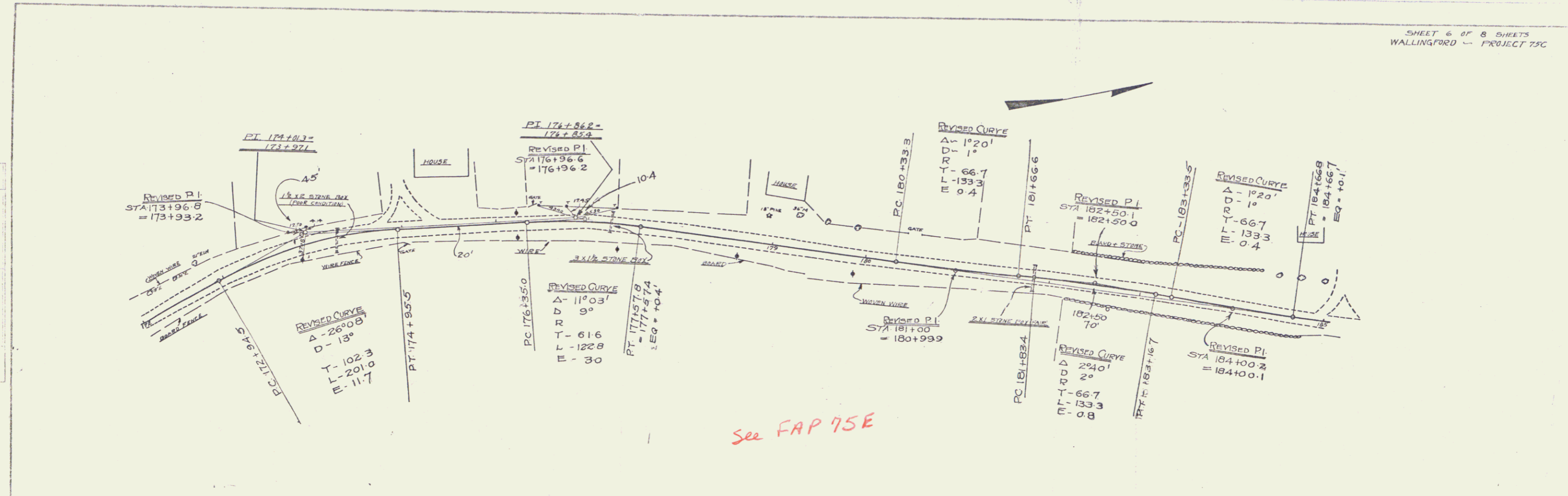


See FAP 75E

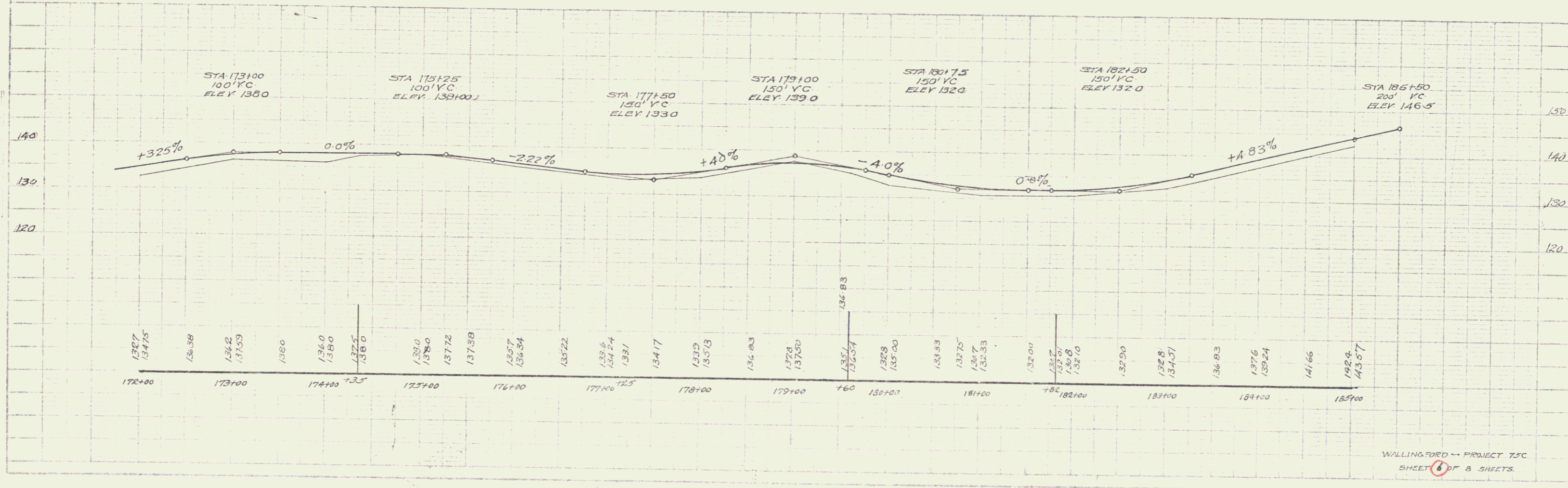


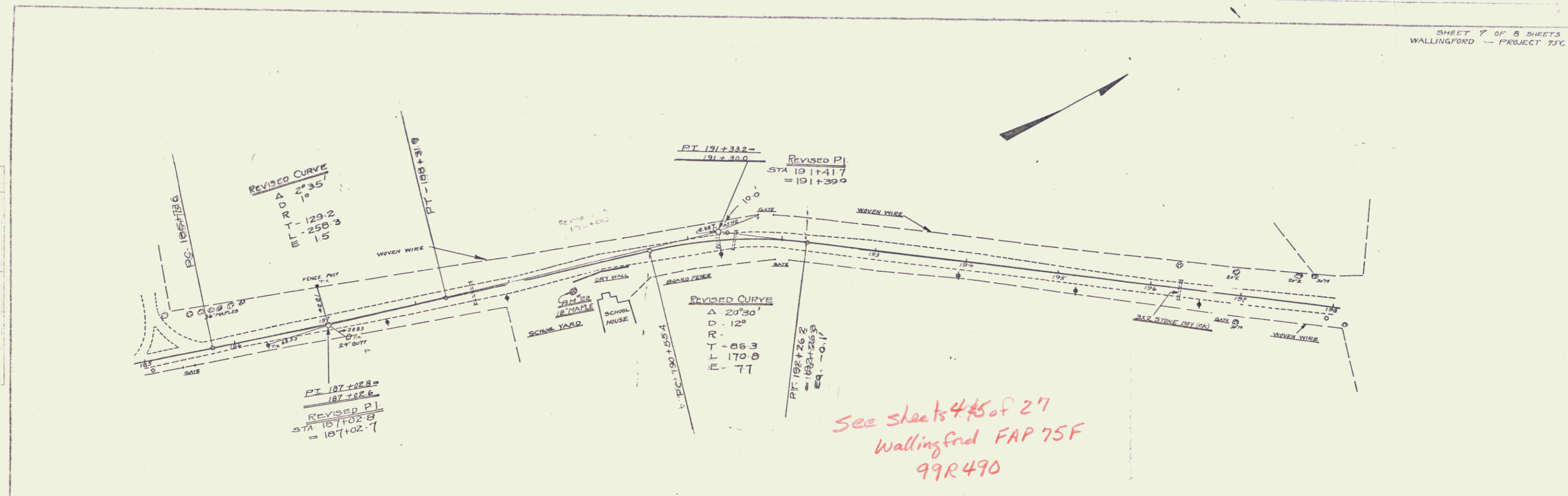
BM #16 30' ELM. RIGHT OF STA 144+25, ELEV. 149.29  
BM #17 POWER POLE, RIGHT OF STA 155+67, ELEV. 132.23





See FAP 75E





See sheets 4 & 5 of 27  
Wallingford FAP 75F  
99R490

