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STATE OF VERMONT  
 STATE HIGHWAY DEPARTMENT  
**Plan and Profile of Proposed  
 STATE HIGHWAY**  
 SECONDARY PROJECT

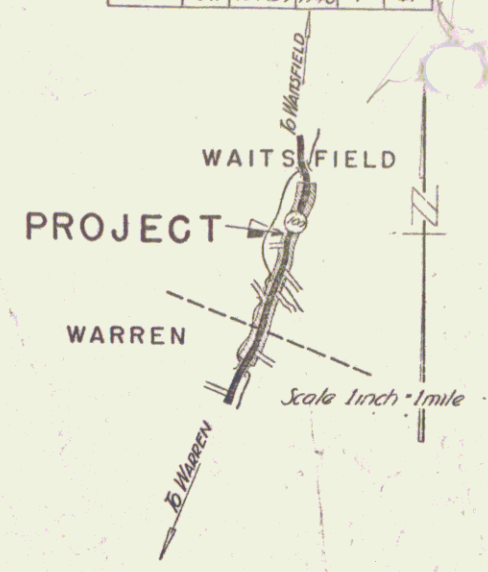
**TOWNS OF WAITSFIELD - WARREN**  
 VERMONT ROUTE 100  
 MIDDLESEX - ROCHESTER ROAD

BEGINNING AT A POINT 0.970 MILES SOUTHERLY FROM THE ROAD INTERSECTION  
 IN IRASVILLE AND EXTENDING SOUTHERLY 2.117 MILES  
 LENGTH OF ROADWAY 11142.5 FT.  
 LENGTH OF BRIDGE 33.0 FT.  
 LENGTH OF PROJECT 11175.5 FT. = 2.117 MILES

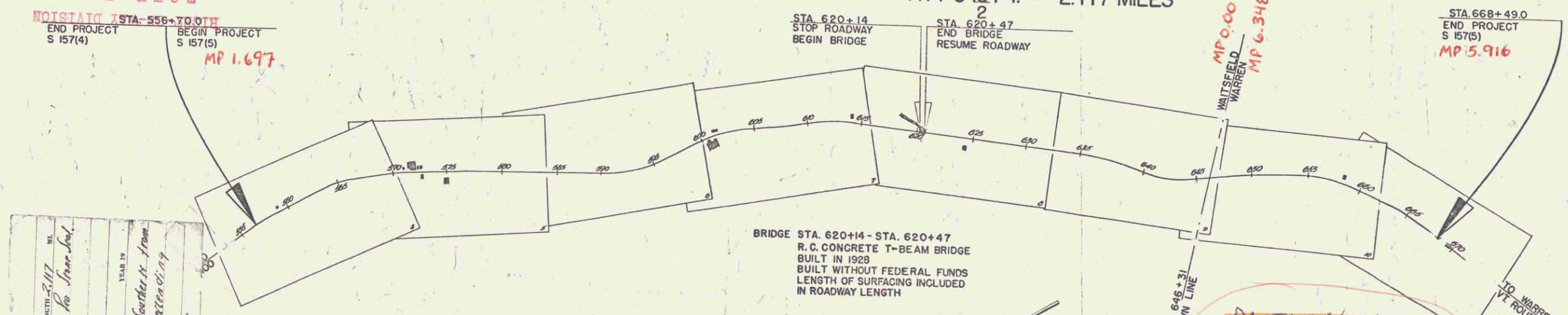
STANDARD STRUCTURE SHEETS APPROVED BY THE CHIEF  
 ENGINEER VERMONT STATE DEPARTMENT OF HIGHWAYS

S 28	APRIL 26, 1941
S 30	NOV. 10, 1947
S 30A	APRIL 19, 1941
S 40	DEC. 18, 1945

FED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	297(15)	1948	1	41



(To Be Returned To H.O.W. Division)  
 Town of Warren  
 PERPETUAL  
 MON FILE  
 NOTISIAID STA-556+70.0W  
 END PROJECT S 157(4)  
 BEGIN PROJECT S 157(5)  
 MP 1.697



BRIDGE STA 620+14 - STA. 620+47  
 R.C. CONCRETE T-BEAM BRIDGE  
 BUILT IN 1928  
 BUILT WITHOUT FEDERAL FUNDS  
 LENGTH OF SURFACING INCLUDED  
 IN ROADWAY LENGTH

NOTE: ANY FURTHER INFORMATION CONCERNING  
 FINAL QUANTITIES, APPROVALS, ETC. SHOULD BE  
 RELATIVE TO THIS PROJECT OBTAINED FROM  
 EITHER THE FIELD BOOKS OR THE ESTIMATE  
 FILE.

APPROVED: 19 April 48  
H. E. Langford  
 COMMISSIONER OF HIGHWAYS  
 SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

PROJECT: Waitsfield - Warren  
 NUMBER: S 157(5)  
 LENGTH: 2.117 MI.  
 DATE: APRIL 1948  
 CONTRACTOR: W. H. ...  
 LOCATION: Waitsfield - Warren Route 100, 2.970 Mi. Southerly from road intersection in Irasville and extending southerly 2.117 mi.

RECORD PLANS  
 WAITSFIELD - WARREN S 157 (5)  
 CONTRACTOR - DERRICK DEGROOT  
 COMPLETED 18 OCT. 1948

ITEM	DATE	BY
GROUND ELEVATION	DATE	BY
GRADE ELEVATION	DATE	BY

CURVE DATA

DEFLECTION ANGLE	DEGREE OF CURVE	RADIUS OF CURVE	TANGENT DISTANCE	LENGTH OF CURVE	EXTERNAL DISTANCE	POINT OF INTERSECTION	POINT OF CURVE	POINT OF TANGENT	POINT ON TANGENT
Δ	D.	R.	T.	L.	E.	P. I.	P. C.	P. T.	P. O. T.

SCALES

TITLE	1" = 500'
TYPICAL	1" = 2'
PLAN	1" = 50'
PROFILE HORIZONTAL	1" = 50'
PROFILE VERTICAL	1" = 10'
CROSS SECTIONS	1" = 5'

RECORD PLANS  
 RESIDENT ENGR. H. G. GAREIS  
 PREPARED BY G. E. GUIDI APRIL, 1948

DATE: 04/16/1948  
 BEGIN TOWN: WAITSFIELD  
 END TOWN: WARREN  
 PROJECT: S 157(5)  
 P.N.: 00R621

THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE  
 REQUIRED BY THE PUBLIC ROADS ADMINISTRATION OR THE COM-  
 MISSIONER OF HIGHWAYS.  
 CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH  
 THE PLANS AND THE STANDARD ROAD AND BRIDGE SPECIFICATIONS  
 OF 1936, AS APPROVED DECEMBER 29TH, 1936 BY THE PUBLIC  
 ROADS ADMINISTRATION, INCLUDING ALL SUBSEQUENT APPROVED  
 REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL  
 PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

RECOMMENDED FOR APPROVAL

DISTRICT ENGINEER  
 PUBLIC ROADS ADMINISTRATION  
 FEDERAL WORKS AGENCY

APPROVED

DISTRICT ENGINEER  
 PUBLIC ROADS ADMINISTRATION  
 FEDERAL WORKS AGENCY

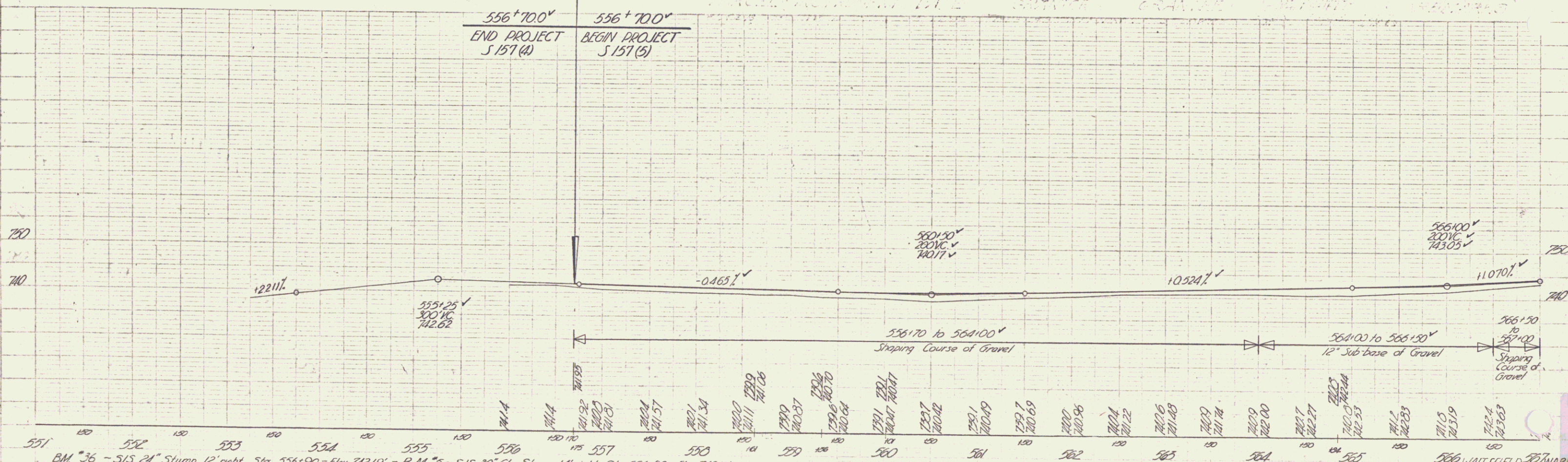
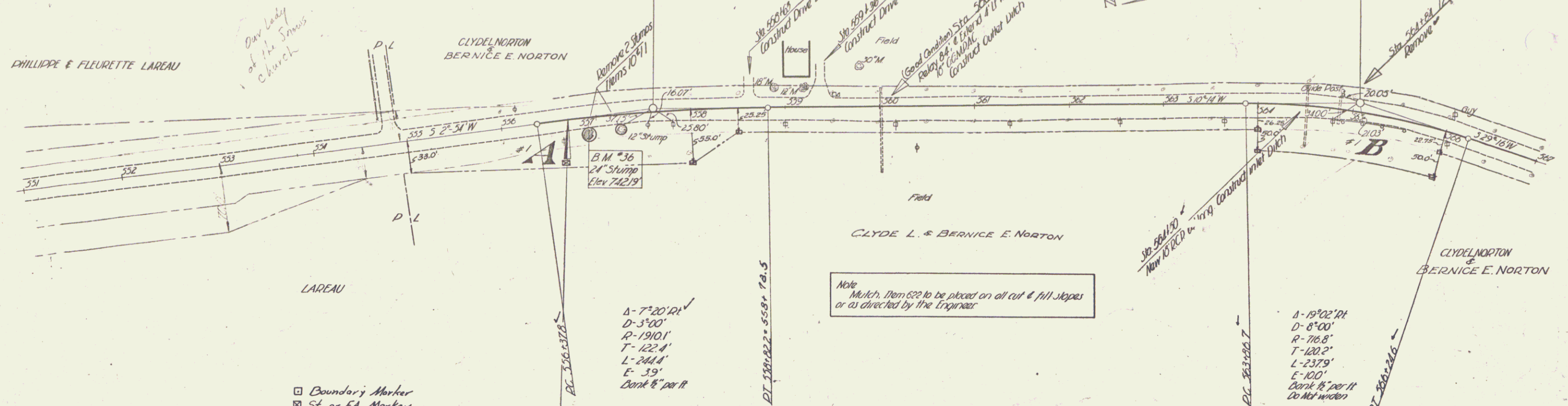
APPROVED 16 APR 48  
 HIGHWAY ENGINEER

APPROVED Apr 16, 1948  
 DISTRICT HIGHWAY COMMISSIONER

SERIES J No. 157(5) FILED  
 SHEET 1 OF 41

PARCEL INSTRUMENT DATE GRANTOR GRANTEE RECORDED  
 #1A & #1B W.D.O.E. 5-17-48 CLYDE L. & BERNICE E. NORTON STA. 17 419 6-19-48  
 BOOK PAGE DATE  
 537-398

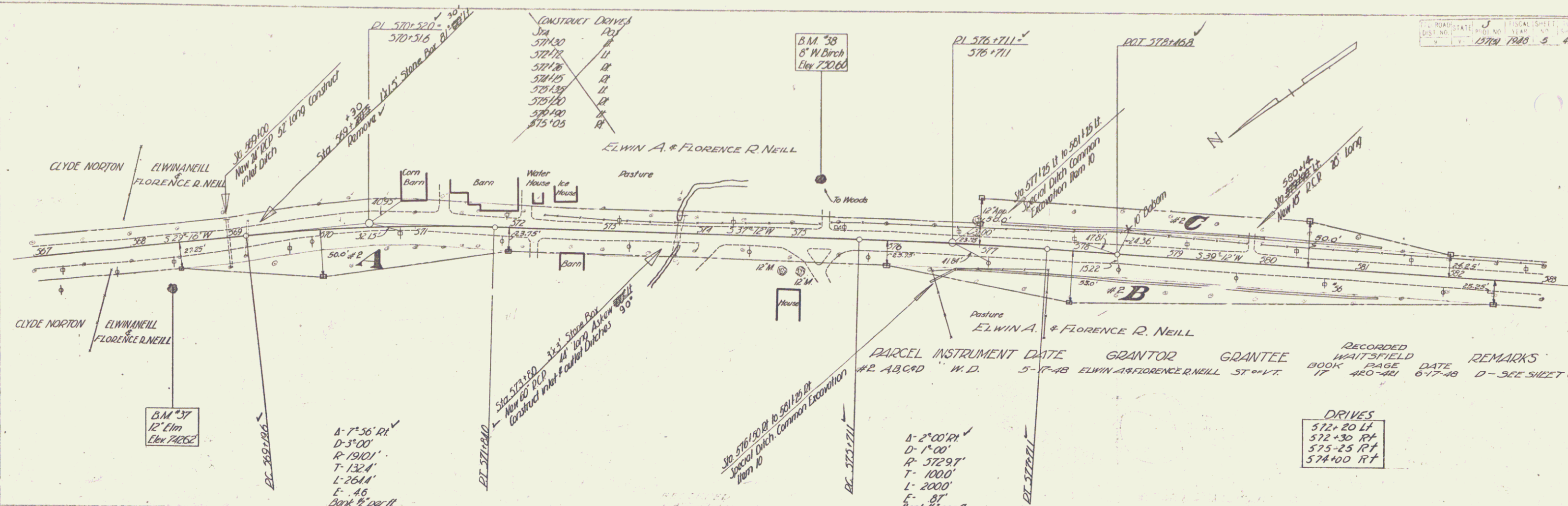
EST. NO. STATE PROJ. NO. YEAR NO. SHEETS  
 28704 1948 4 41



BM #36 - S1S 24" Stump 12' right Sta 556+90 - Elev 742.19' = B.M. #5 - S1S 30" City Stump 14' right Sta 556+92 - Elev 742.19'

506 WAITSFIELD WARREN  
 SERIES No 197 (51)  
 Sheet 4 of 4 Sheets

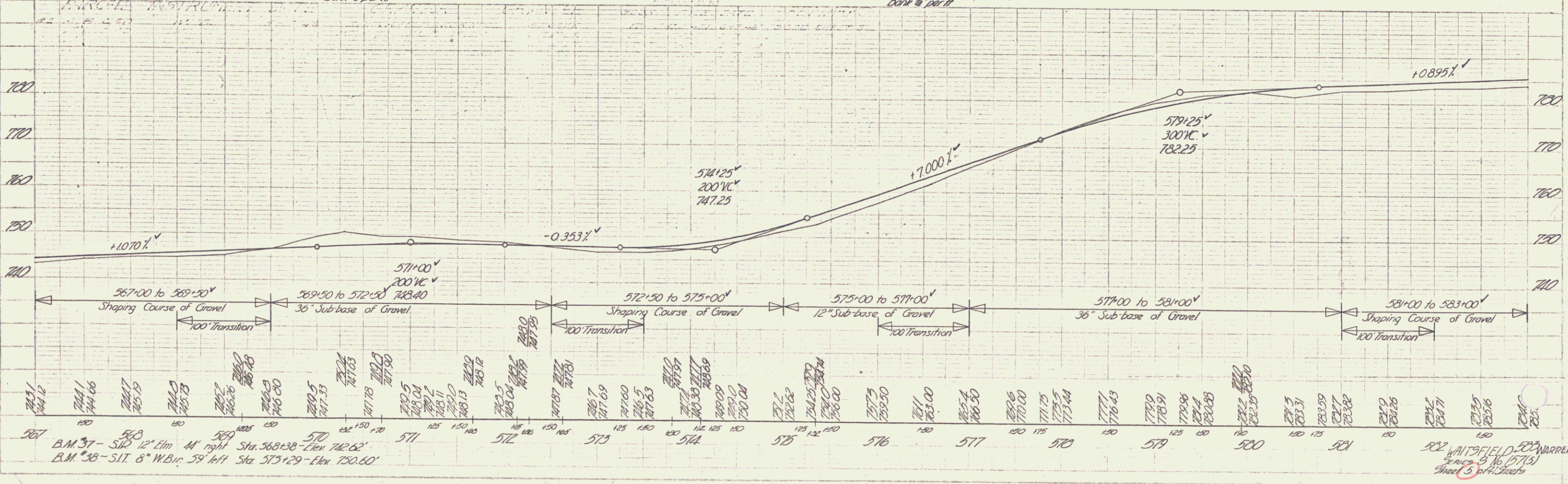
PLAN  
 DATE: 12/1/79  
 DRAWN BY: J. J. GORMAN  
 CHECKED BY: J. J. GORMAN  
 SCALE: AS SHOWN



PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
#2 ABCD	W.D.	5-17-48	ELWIN A. & FLORENCE R. NEILL	ST. V.T.	BOOK 17 PAGE 480-481	6-17-48 D-SEE SHEET 6

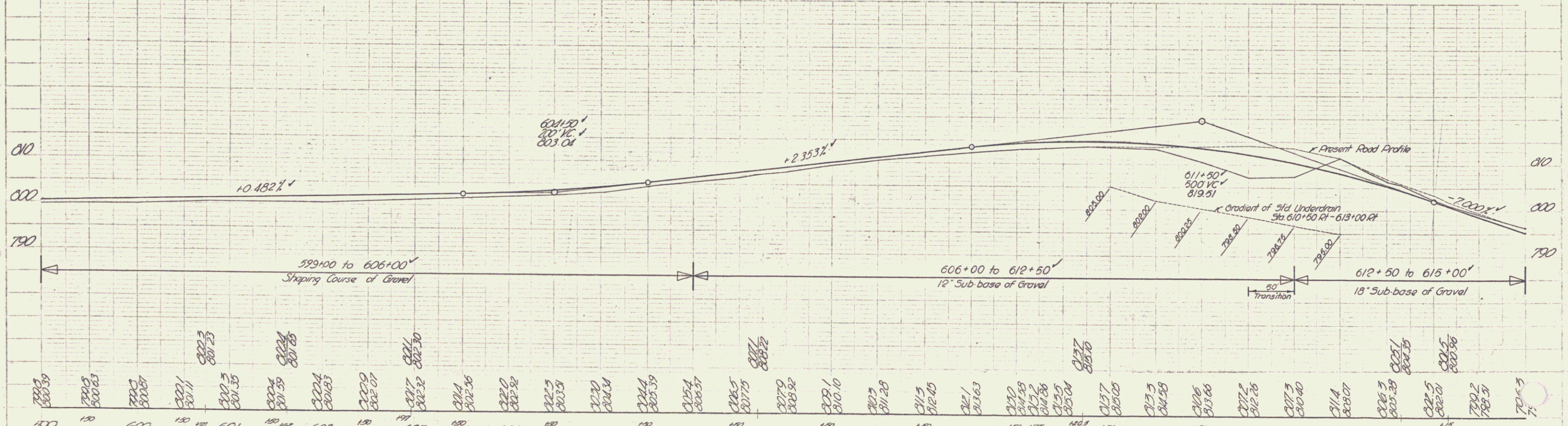
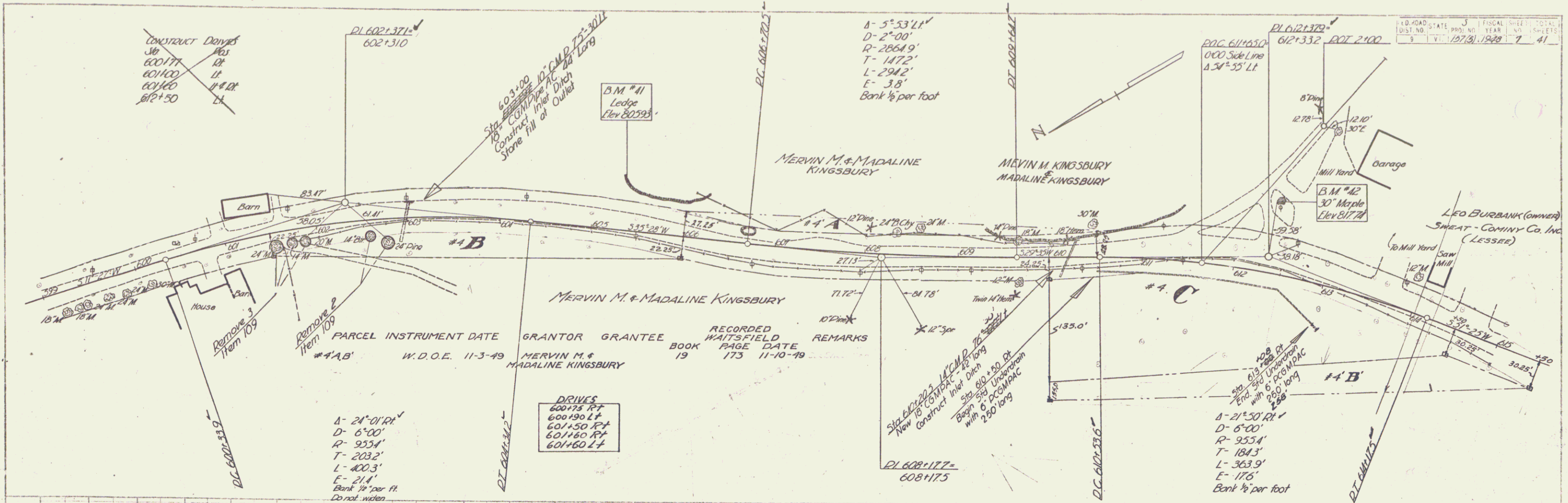
DRIVES

572+20 LF
572+30 RT
575-25 RT
574+00 RT



567 B.M. 37 - S.I.T. 12' Elm M. right Sta. 568+38 - Elev. 742.62'  
 B.M. 38 - S.I.T. 8" W. Birch 59' left Sta. 575+29 - Elev. 750.60'



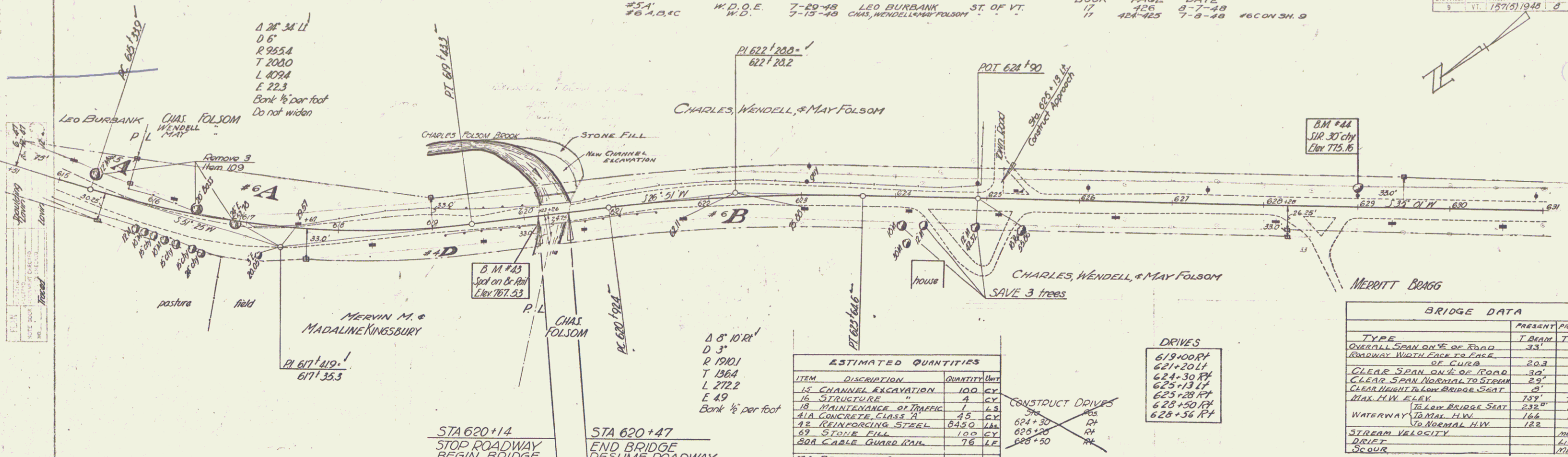


Station	Elevation	Station	Elevation	Station	Elevation
599.50	800.39	600.50	801.25	601.50	802.10
599.75	800.63	600.75	801.50	601.75	802.35
600.00	800.87	601.00	801.75	602.00	802.60
600.25	801.11	601.25	802.00	602.25	802.85
600.50	801.35	601.50	802.25	602.50	803.10
600.75	801.59	601.75	802.50	602.75	803.35
601.00	801.83	602.00	802.75	603.00	803.60
601.25	802.07	602.25	803.00	603.25	803.85
601.50	802.31	602.50	803.25	603.50	804.10
601.75	802.55	602.75	803.50	603.75	804.35
602.00	802.79	603.00	803.75	604.00	804.60
602.25	803.03	603.25	804.00	604.25	804.85
602.50	803.27	603.50	804.25	604.50	805.10
602.75	803.51	603.75	804.50	604.75	805.35
603.00	803.75	604.00	804.75	605.00	805.60
603.25	803.99	604.25	805.00	605.25	805.85
603.50	804.23	604.50	805.25	605.50	806.10
603.75	804.47	604.75	805.50	605.75	806.35
604.00	804.71	605.00	805.75	606.00	806.60
604.25	804.95	605.25	806.00	606.25	806.85
604.50	805.19	605.50	806.25	606.50	807.10
604.75	805.43	605.75	806.50	606.75	807.35
605.00	805.67	606.00	806.75	607.00	807.60
605.25	805.91	606.25	807.00	607.25	807.85
605.50	806.15	606.50	807.25	607.50	808.10
605.75	806.39	606.75	807.50	607.75	808.35
606.00	806.63	607.00	807.75	608.00	808.60
606.25	806.87	607.25	808.00	608.25	808.85
606.50	807.11	607.50	808.25	608.50	809.10
606.75	807.35	607.75	808.50	608.75	809.35
607.00	807.59	608.00	808.75	609.00	809.60
607.25	807.83	608.25	809.00	609.25	809.85
607.50	808.07	608.50	809.25	609.50	810.10
607.75	808.31	608.75	809.50	609.75	810.35
608.00	808.55	609.00	809.75	610.00	810.60
608.25	808.79	609.25	810.00	610.25	810.85
608.50	809.03	609.50	810.25	610.50	811.10
608.75	809.27	609.75	810.50	610.75	811.35
609.00	809.51	610.00	810.75	611.00	811.60
609.25	809.75	610.25	811.00	611.25	811.85
609.50	809.99	610.50	811.25	611.50	812.10
609.75	810.23	610.75	811.50	611.75	812.35
610.00	810.47	611.00	811.75	612.00	812.60
610.25	810.71	611.25	812.00	612.25	812.85
610.50	810.95	611.50	812.25	612.50	813.10
610.75	811.19	611.75	812.50	612.75	813.35
611.00	811.43	612.00	812.75	613.00	813.60
611.25	811.67	612.25	813.00	613.25	813.85
611.50	811.91	612.50	813.25	613.50	814.10
611.75	812.15	612.75	813.50	613.75	814.35
612.00	812.39	613.00	813.75	614.00	814.60
612.25	812.63	613.25	814.00	614.25	814.85
612.50	812.87	613.50	814.25	614.50	815.10
612.75	813.11	613.75	814.50	614.75	815.35
613.00	813.35	614.00	814.75	615.00	815.60

B.M. #1 - Spot on ledge 33' left Sta 605+31 - Elev 805.93'  
 B.M. #2 - SUR 30' Maple 16' right Sta 1+04 - Elev 817.71'  
 WAITSFIELD 65 WARREN  
 Series No. 157 (5)  
 Sheet 1 of 4

PARCEL INSTRUMENT DATE GRANTOR GRANTEE  
 #5A W.D.O.E. 7-20-48 LEO BURBANK ST. OF VT. BOOK PAGE DATE  
 #6A.C.C. W.D. 7-15-48 CHAS. WENDELL & FOLSOM 11 426 8-7-48  
 RECORDED WAITSFIELD REMARKS  
 424-423 7-9-48 #6CON 3H. 9

FED. PROJ. NO. 3  
 DIST. NO. 9  
 YEAR 1948  
 SHEET NO. 41



ESTIMATED QUANTITIES

ITEM	DESCRIPTION	QUANTITY	UNIT
12	CHANNEL EXCAVATION	100	CY
16	STRUCTURE	1	EA
18	MAINTENANCE OF TRAFFIC	1	EA
41A	CONCRETE CLASS A	45	CY
42	REINFORCING STEEL	84.90	LB
59	STONE FILL	100	CY
80A	CABLE GUARD RAIL	76	LF
81A	PREPARING SUPER-STRUCTURE FOR WIDENING	1	EA

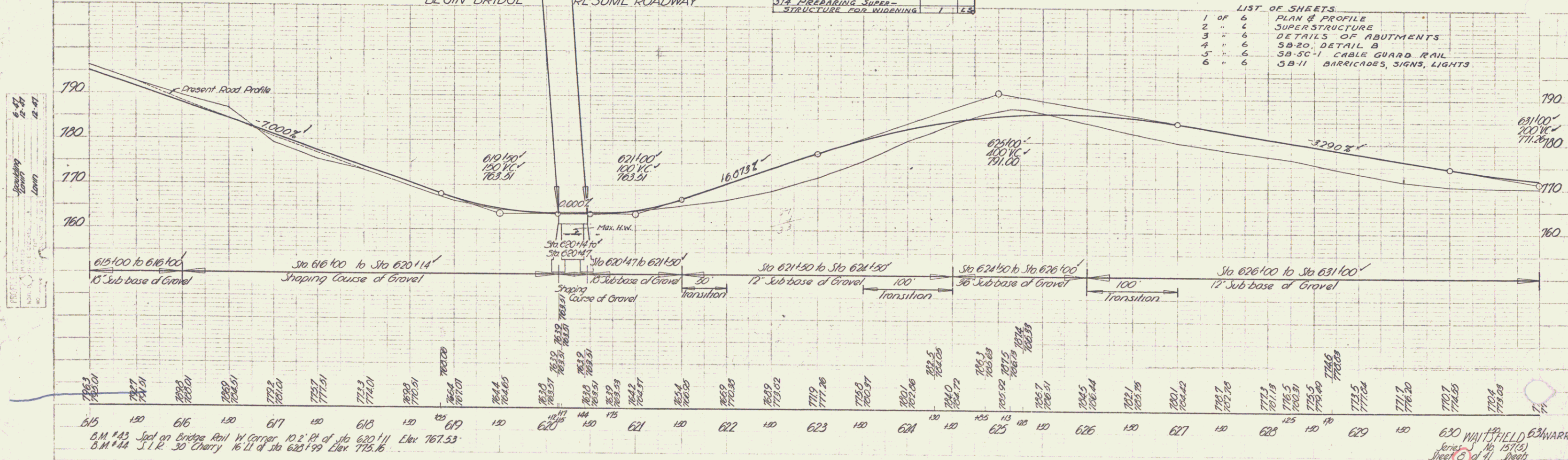
DRIVES

619+00 RT	621+20 LF
624+30 RT	625+13 LF
625+28 RT	628+50 RT
628+56 RT	

BRIDGE DATA

TYPE	PRESENT	PROPOSED
OVERALL SPAN ON E. OF ROAD	33'	33'
ROADWAY WIDTH FACE TO FACE	20.3'	30'
CLEAR SPAN ON E. OF ROAD	29'	30'
CLEAR SPAN NORMAL TO STREAM	29'	29'
CLEAR HEIGHT TO LOW BRIDGE SEAT	20'	21.8'
MAX. H.W. FLEX.	73.9"	75.9"
16. LOW BRIDGE SEAT	232"	208"
WATERWAY TO MAX. H.W.	166'	166'
TO NORMAL H.W.	122'	122'
STREAM VELOCITY		MODERATE
DRIFT		LIGHT
SCOUR		MEDIUM

- LIST OF SHEETS
- 1 OF 6 PLAN & PROFILE
  - 2 " 6 SUPERSTRUCTURE
  - 3 " 6 DETAILS OF ABUTMENTS
  - 4 " 6 5B-20, DETAIL B OF CURB
  - 5 " 6 5B-5C-1, CABLE GUARD RAIL
  - 6 " 6 5B-11, BARRICADES, SIGNS, LIGHTS

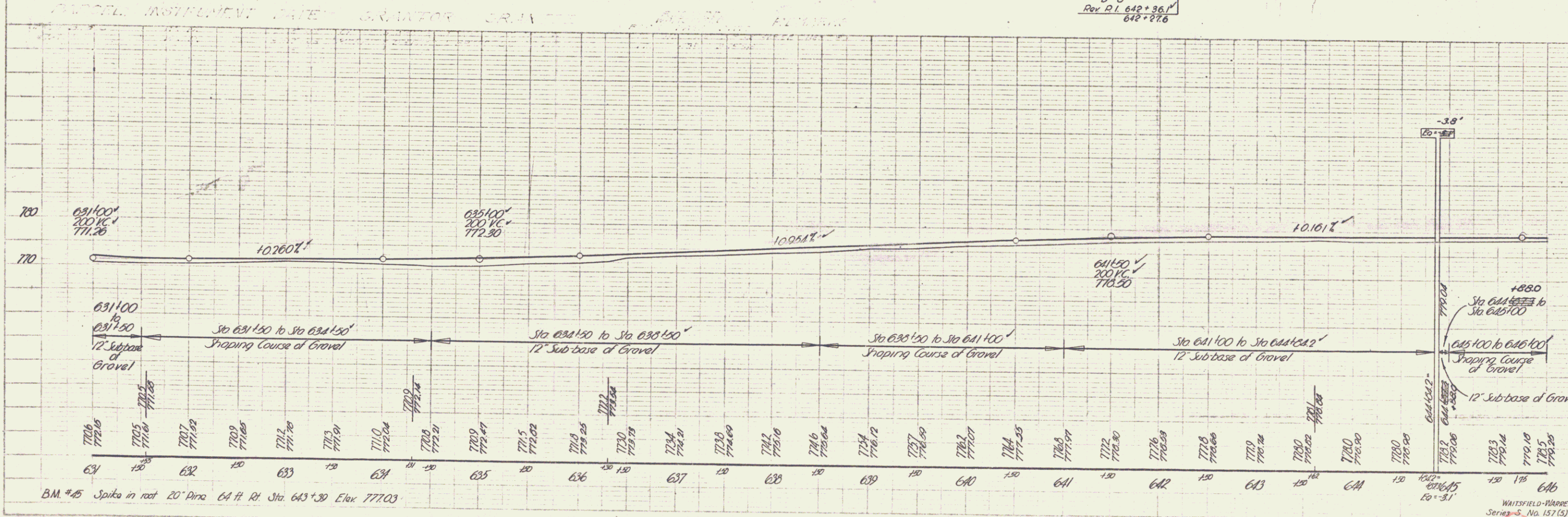
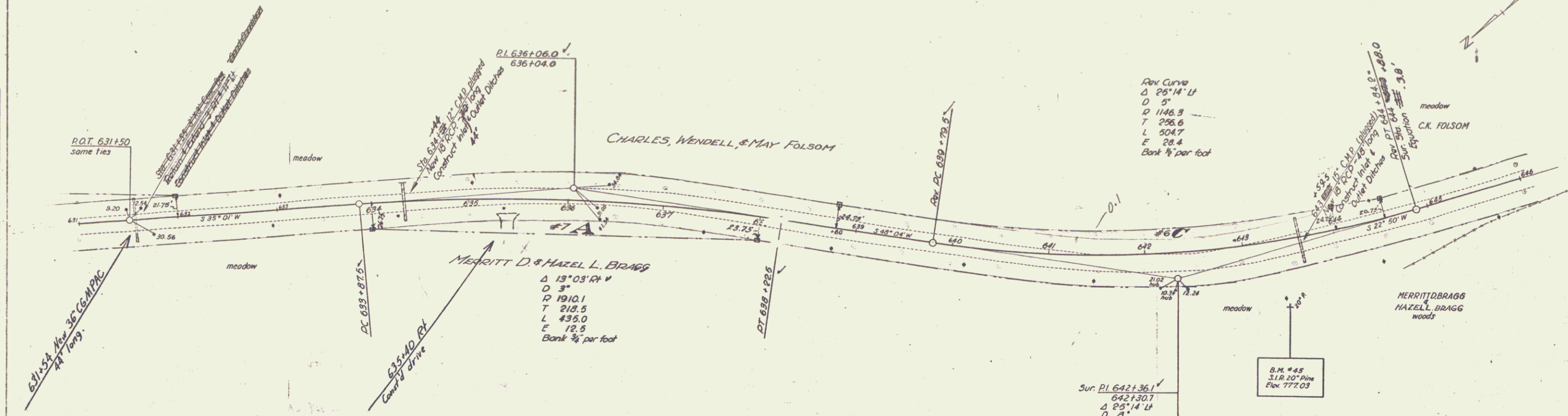


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615 120 616 130 617 140 618 150 619 160 620 170 621 180 622 190 623 200 624 210 625 220 626 230 627 240 628 250 629 260 630 270 631 280  
 O.M. #42 Spot on Bridge Rail W. Corner, 10.2' Pt. of Sta. 620+11 Elev. 767.53  
 O.M. #44 S.I.P. 30 Cherry 16.71' of Sta. 620+19 Elev. 775.16  
 630 WAITSFIELD 631 WARREN  
 Series No. 157(6)  
 Sheet 41 of 41 sheets  
 Sheet 1 of 6

PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
#10 A, B, C	W. D.	7-15-48	CHAS. WENDELL & MAY FOLSOM	ST. OF VT.	BOOK PAGE DATE	
#7 A	W. D.	9-17-48	MERRITT D. & HAZEL L. BRAGG	ST. OF VT.	17 404-425 7-9-49	W.A.B. - 5th SHEETS
					17 429 9-18-48	

1571(5) 1948 9 41

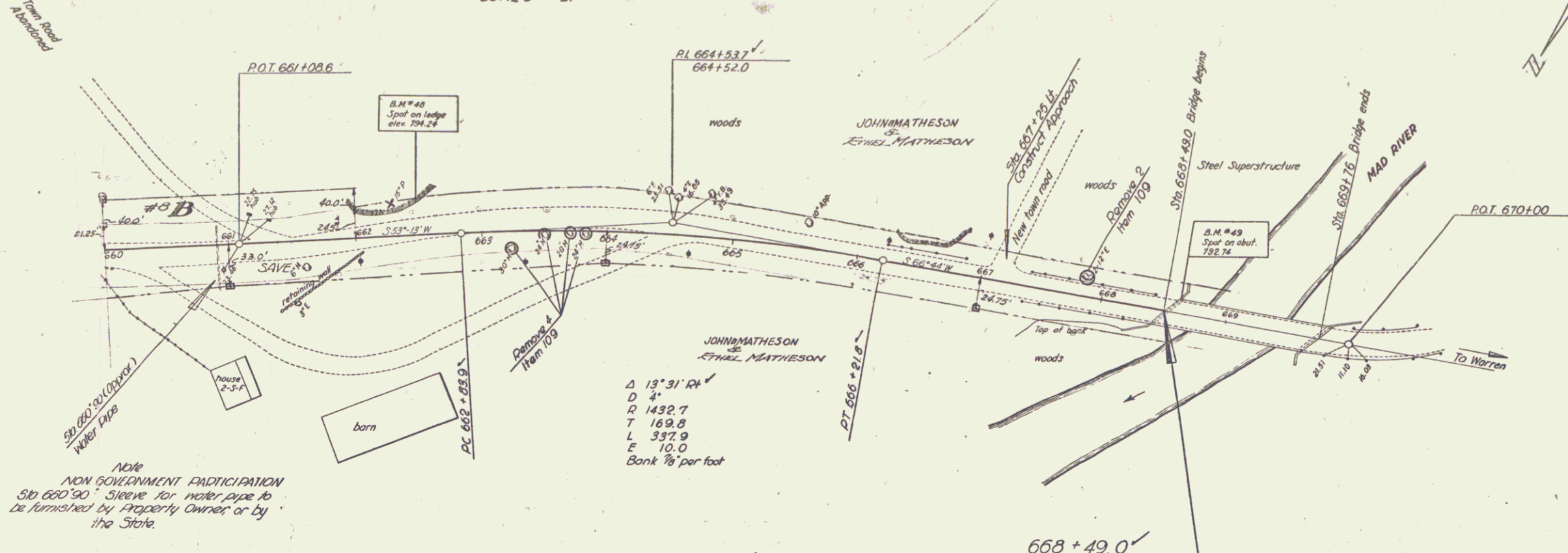


PLAN  
Merritt D. Bragg  
Hazel L. Bragg  
W.A.B. - 5th SHEETS

PROFILE  
Merritt D. Bragg  
Hazel L. Bragg  
W.A.B. - 5th SHEETS

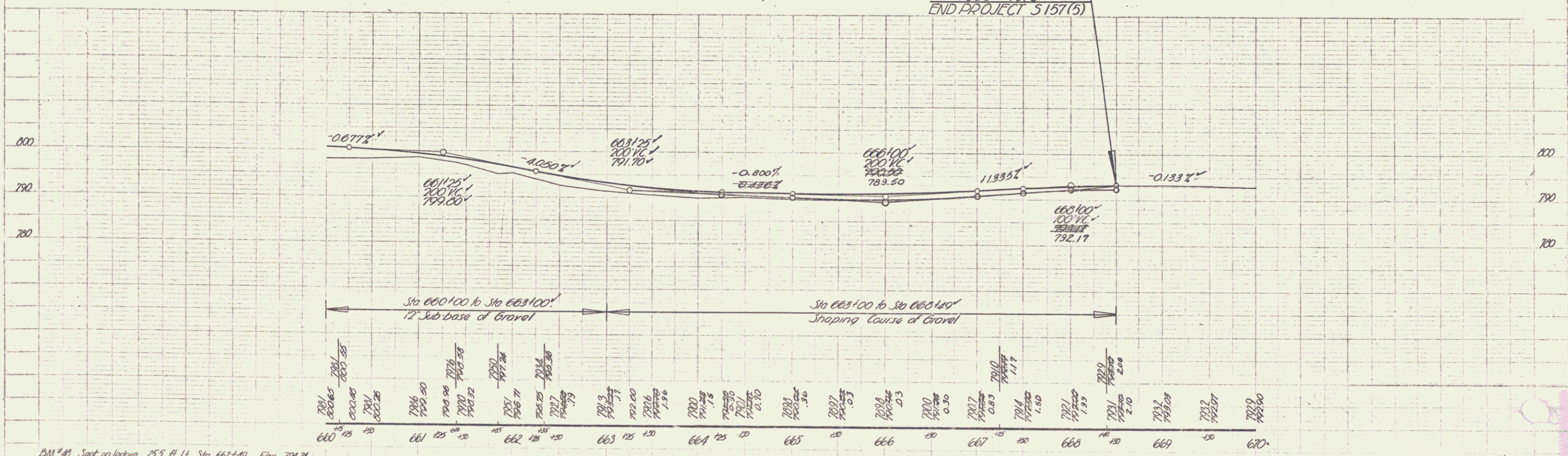


CONSTRUCT DRIVES  
 Sta Pos  
 664+50 Rt ✓  
 667+25 Lt ✓



DATE	1/24/48
SCALE	1" = 40'
PROJECT	157(5)
DESIGNER	Houghton
CHECKER	Houghton
APPROVED	

DATE	1/24/48
SCALE	1" = 40'
PROJECT	157(5)
DESIGNER	Houghton
CHECKER	Houghton
APPROVED	



BM #48 Spot on ledge 25.5 ft LL Sta 662+49 Elev 794.24  
 BM #49 Spot on abutment of steel bridge 12.5 ft LL Sta 668+60 Elev 792.74