

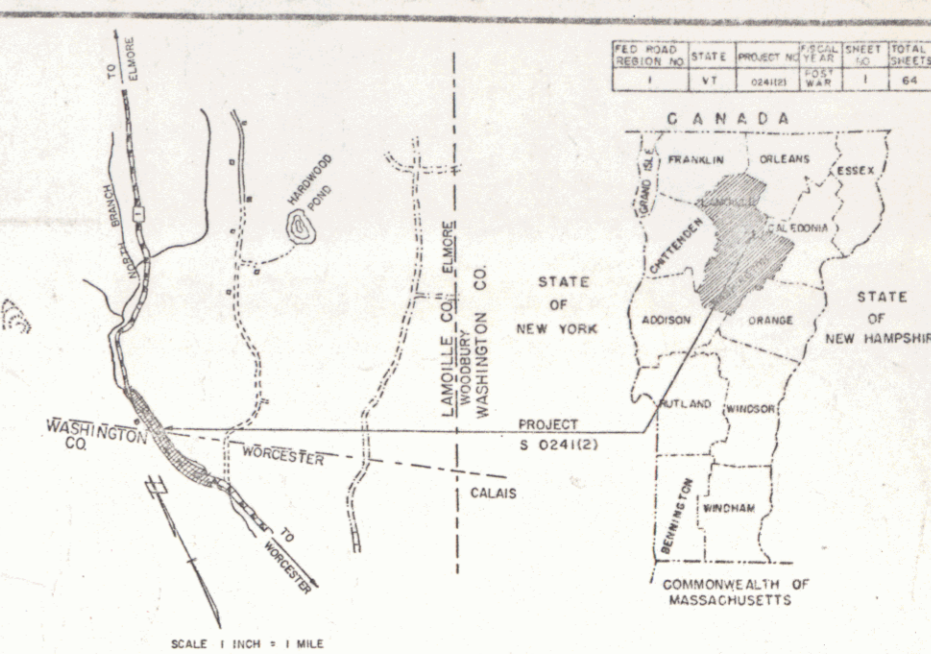
INDEX OF SHEETS	
SHEET NO. 1	TITLE SHEET
2	TYPICAL CROSS-SECTION OF IMPROVEMENT (1/2" BITUMINOUS CONCRETE MODIFIED, BOTTOM COURSE ONLY, ITEM 36-3)
3	QUANTITY SHEET
4	ITEM DETAIL AND DRAINAGE SHEET
5-7	EARTHWORKS
8	B-1 (BANKING TABLES)
9	B-5 (TYPICAL SLOPE GRADING)
10	B-5 (MUCK EXCAVATION)
11	C-1 (TREATED TIMBER CURB)
12	D-2 (HEADWALLS AND UNDERDRAIN)
13	D-4 (SPECIAL ELBOWS AND FLUSHING BASINS)
14	D-8 (REINFORCED CONCRETE DROP INLET)
15	D-16 (CAST IRON GRATE TYPE 'B')
16	E-1 (BARRICADES, SIGNS AND LIGHTS)
17	E-2 (BARRICADES, SIGNS AND LIGHTS FOR BRIDGES)
18	E-9 (FEDERAL AID CONSTRUCTION IDENTIFICATION SIGNS)
19	G-2 (TWO CABLE GUARD RAIL)
20	G-4 (MARKER POSTS AND GUIDE POSTS)
21	J-1 (PROJECT MARKERS AND BOUNDARY MARKERS)
22	SB-20-60
23-30	PLAN AND PROFILE SHEETS
31	DETAILS OF 180" x 172" PLATE PIPE AT STA. 170+00
32-33	DETAILS OF 72" x 208" PLATE PIPE AT STA. 222+60
34-37	DETAILS OF BRIDGE WIDENING
38-60	CROSS SECTIONS
61-63	CHANNEL SECTIONS
64	BANKING TRANSITION DIAGRAMS
7A-E	FINAL EARTHWORKS
4	STEEL BLUE PRINTS

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

FEDERAL AID SECONDARY

TOWNS OF WORCESTER - ELMORE  
COUNTIES OF LAMOILLE - WASHINGTON  
MONTPELIER - MORRISVILLE STATE HIGHWAY



PROJECT NAME & NUMBER	WORCESTER-ELMORE	2412	B.T. CONC. PAVT.	21.991 S.Y.
RECORD PLANS	MATERIALS			
SUBBASE OF GRAVEL	LACONIA			
CUTBACK ASPHALT	LACONIA			
TAR EMULSION & BITUMINOUS CONCRETE	L.M. PIKE & SON INC. - LACONIA			
CONCRETE CLASS 'B'	D. CONNOR & SONS, INC. - MONTPELIER, VT.			
REINFORCING STEEL	PUBLIC STEEL CORP. - YOUNGSTOWN, OHIO			
STRUCTURAL STEEL	WEATHERSFIELD, CONN.			
REINFORCED CONCRETE	TIMBER CURB, GUARD RAIL, WOOD GUIDE & MARKERS - S.T. GRISWOLD & CO. INC.			
ASPH. CTD. CORR. GALVANIZED	NEW ENGLAND METAL CULVERT CO. - WILMINGTON, VT.			
PIPE	PALMER, MASS.			

BEGINNING AT A POINT APPROXIMATELY 1.0 MILES SOUTHERLY OF THE WORCESTER-ELMORE TOWN LINE AND EXTENDING NORTHERLY 1.6098 MILES

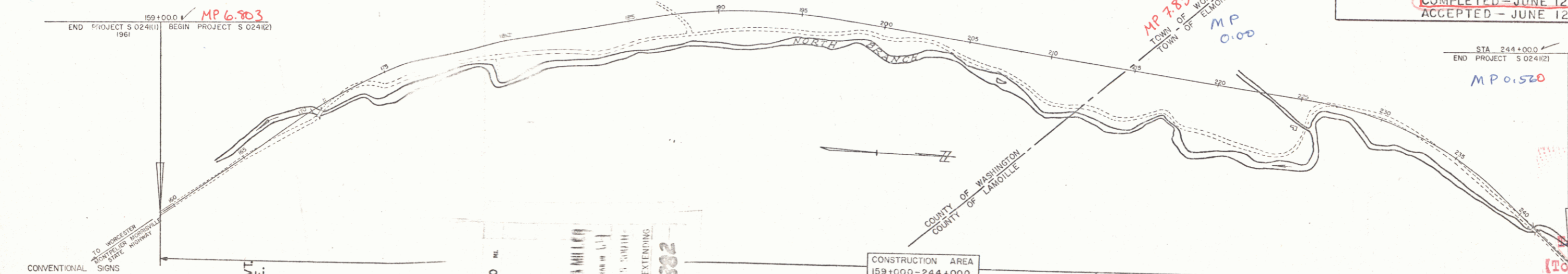
LENGTH OF ROADWAY 8460.0 FEET = 1602 MILES  
LENGTH OF BRIDGE 40.0 FEET = 0.008 MILES  
LENGTH OF PROJECT 8500.0 FEET = 1610.8 MILES

Pin# 99R981

1960 ADT	145
1980 ADT	215
1980 D/V	80
D	70%
T	10%
V	50 MPH

CONTRACTORS - CALEDONIA SAND & GRAVEL CO., INC. & MILLER CONSTRUCTION CO., INC.  
ST. JOHNSBURY, VT.  
RESIDENT ENGINEER - NELSON, E. MURRAY.  
INSPECTORS - A.G. SPIDLE & H. MILES.  
RECORD PLANS - N.E. MURRAY & A.G. SPIDLE.  
CONTRACT DATED - NOVEMBER 30, 1962.  
STARTED - DECEMBER 3, 1962.  
COMPLETED - JUNE 12, 1964.  
ACCEPTED - JUNE 12, 1964.

BENCH MARK DATA FROM U.S.G.S. ELEVATIONS



RIGHT-OF-WAY DIVISION  
TOWN FILE  
PERPETUAL  
Date of 1/12  
(To Be Returned To R.O.W. Div)

RIGHT OF WAY LINE	---
SLOPE RIGHTS	---
COUNTY LINE	---
TOWN LINE	---
FENCE LINE	---
STONE WALL	---
UNFENCED PROPERTY	---
GUARD RAIL	---
TRAVELED WAY	---
RAILROAD WAY	---
RETAINING WALL	---
OPEN	---
SURFACE	---
CULVERT	---
DROP INLET	---
TROLLEY POLE	---
POWER POLE	---
TELEPHONE POLE	---
TREES	---
HEADS	---

CONSTRUCTION AREA  
159+000 - 244+000

CONTRACTORS: CALEDONIA SAND & GRAVEL CO., INC. & MILLER CONSTRUCTION CO., INC.  
ST. JOHNSBURY, VT.

RECORD PLANS: N.E. MURRAY & A.G. SPIDLE, 1964.

RESIDENT ENGINEER: NELSON, E. MURRAY.

INSPECTORS: A.G. SPIDLE & H. MILES.

APPROVED	DATE
APPROVED	DATE
APPROVED	DATE
APPROVED	DATE
APPROVED	DATE
APPROVED	DATE

THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED BY THE BUREAU OF PUBLIC ROADS OR THE COMMISSIONER OF HIGHWAYS.

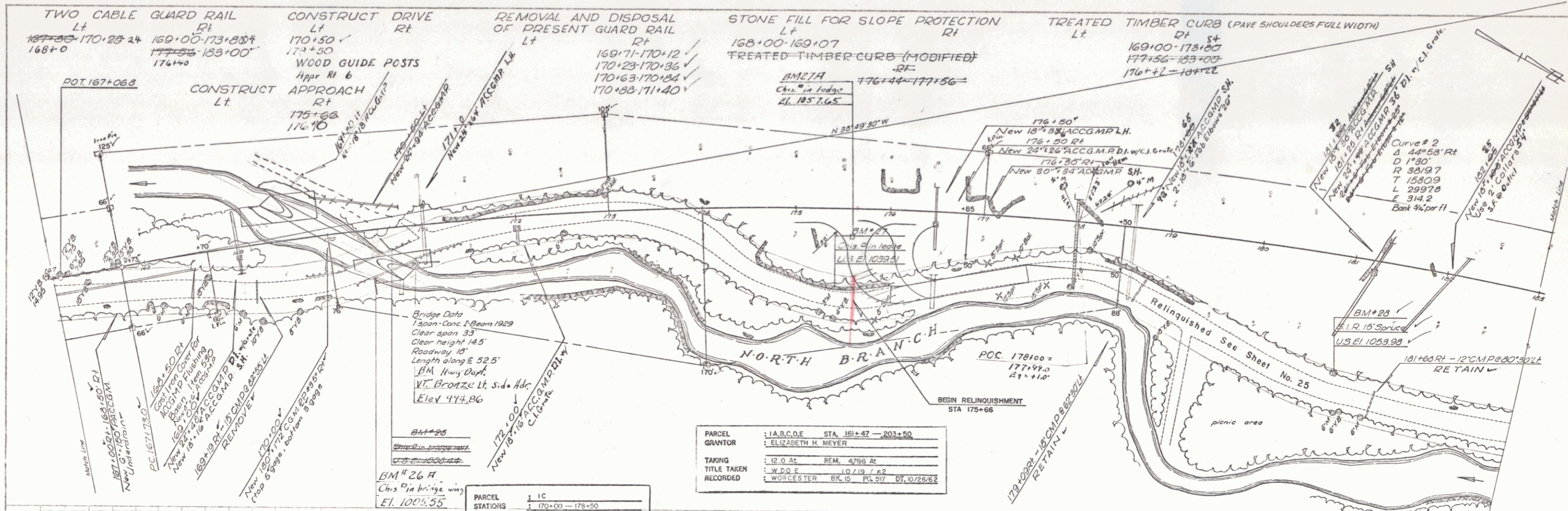
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THE PLANS AND THE STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION OF JANUARY 1955 SUBMITTED TO THE BUREAU OF PUBLIC ROADS AS APPROVED JULY 5, 1956, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS	
APPROVED	DATE
DIVISION ENGINEER	DATE
PROJECT NO. 0241(2)	SHEET 1 OF 64 SHEETS



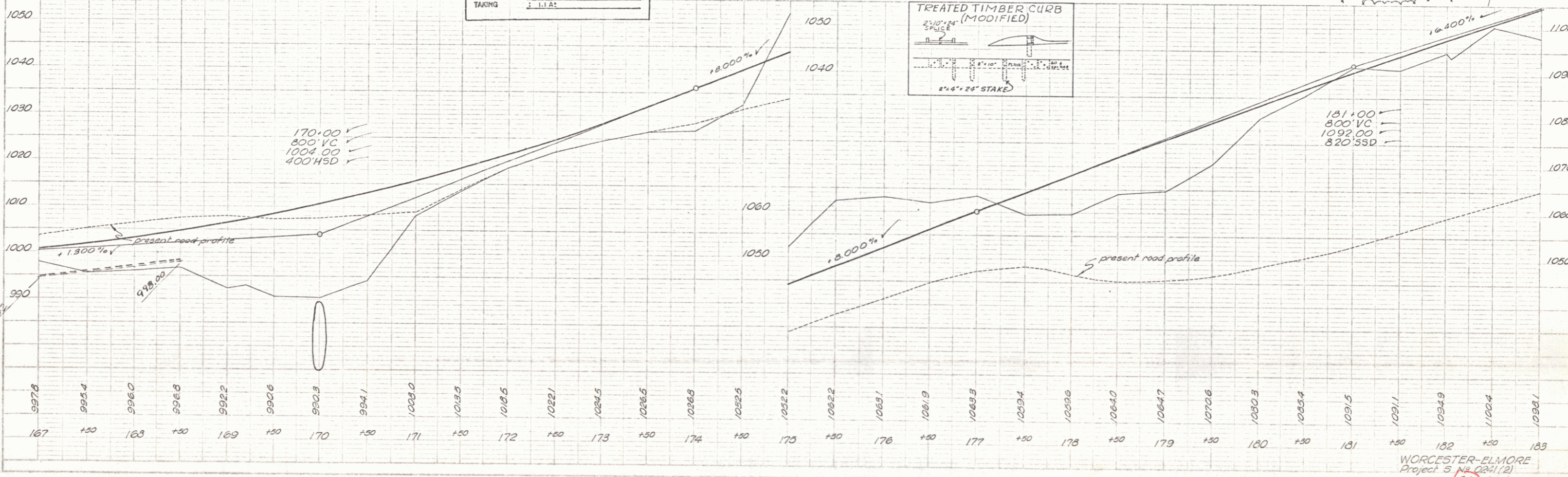
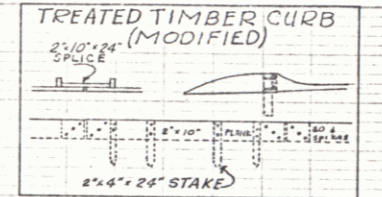
PLAN  
 DATE: 11/28/68  
 DRAWN BY: W. J. WELLS  
 CHECKED BY: C. E. H.  
 PROJECT: WORCESTER-ELMORE  
 SHEET: 24 OF 64

PROFILE  
 DATE: 11/28/68  
 DRAWN BY: W. J. WELLS  
 CHECKED BY: C. E. H.  
 PROJECT: WORCESTER-ELMORE  
 SHEET: 24 OF 64

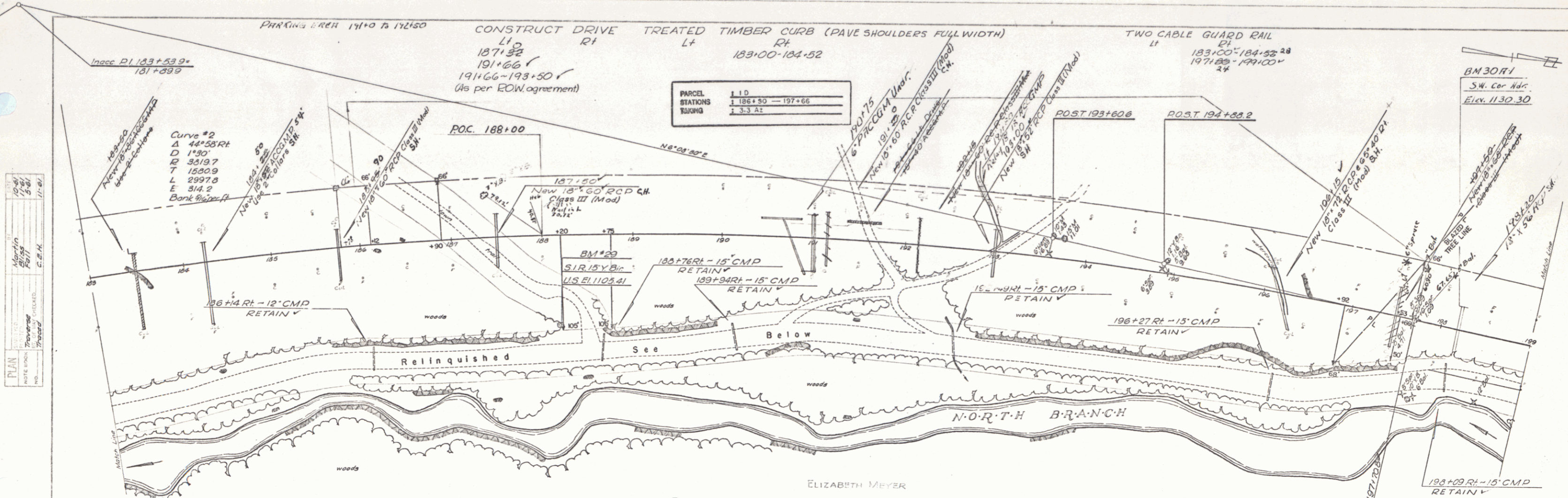


PARCEL	: I.A.B.C.D.E	STA. 181+47 - 203+50
GRANTOR	: ELIZABETH H. MEYER	
TAKING	: 12 0 At	REM. 4796 Ac
TITLE TAKEN	: W.D.O.F.	10/19/62
RECORDED	: WORCESTER BK 15 PL 517	DT. 10/26/62

PARCEL	: IC
STATIONS	: 170+00 - 178+50
TAKING	: I.A.A.



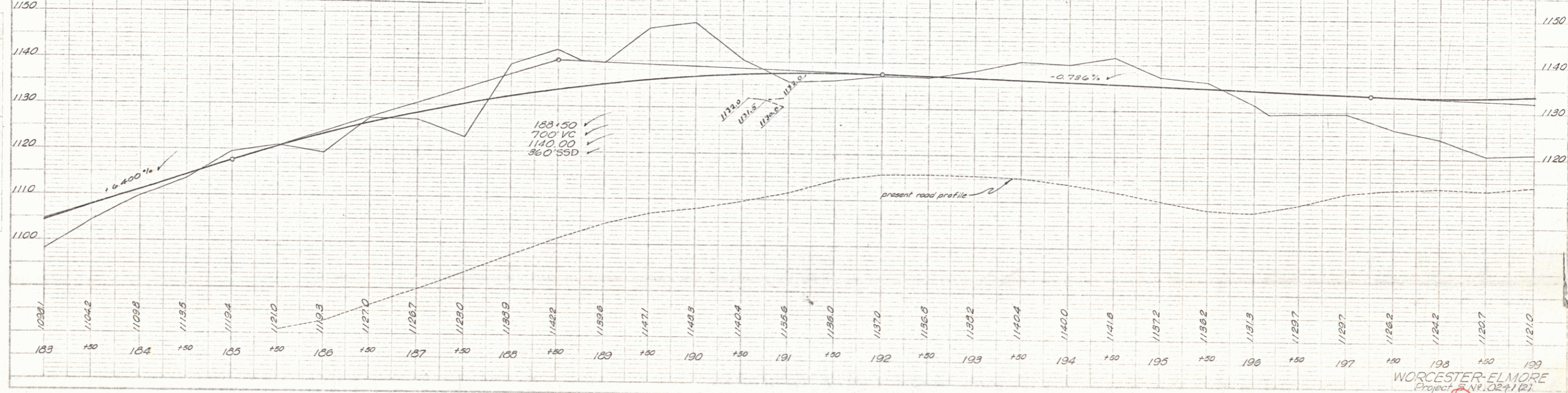
WORCESTER-ELMORE  
 Project 3 (11-28-68) (2)  
 Sheet 24 of 64



PLAN  
 DATE: 11/8/64  
 DRAWN BY: M. B. B. C.E.H.  
 CHECKED BY: C. E. H.

PARCEL	: 2	STA.	186+12 - 188+75
GRANTOR	: TOWN OF WORCESTER		
TAKING	: 03 AT	REM.	
TITLE TAKEN	: 9/1/62		
RE-GRAB	: WORCESTER BR. 13 PG. 54 OF 9/8/62		

The section of Montpelier-Morrisville State Highway, beginning at a point in the centerline of former highway, 100' easterly from approximate sta. 175+66 or Highway Project SB 241(2), and continuing 0.59 ± miles northerly to a point in the believed Worcester-Elmore Town Line and also the Washington-Lamotte County Line, 275 feet easterly of sta. 212+15 of said Project, is hereby relinquished and returned to the Town of Worcester, except those areas within a distance of 50 feet of the Project Center Line located as follows: (1) between sta. 175+85 and 178+50, (2) between sta. 197+53 and 204+23. Recorded in Book 15, Page 532 of Land Records of the Town of Worcester, on July 9, 1964.

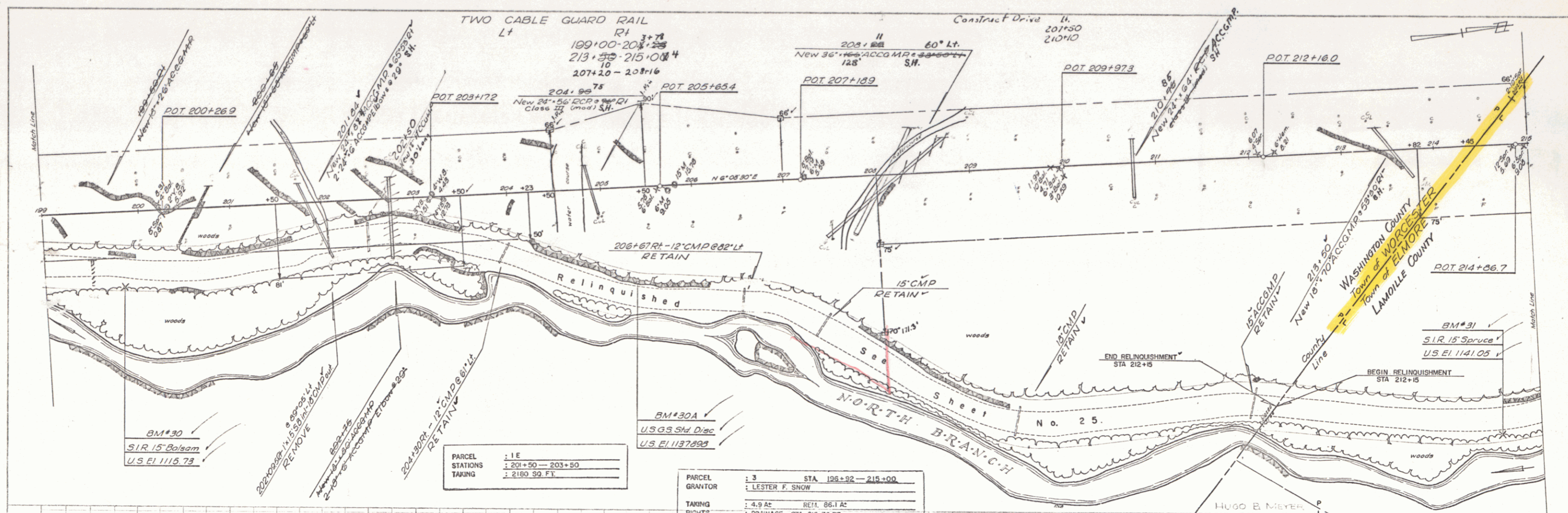


PROFILE  
 DATE: 11/8/64  
 DRAWN BY: M. B. B. C.E.H.  
 CHECKED BY: C. E. H.

WORCESTER-ELMORE  
 Project No. 0241(2)  
 Sheet 25 of 64

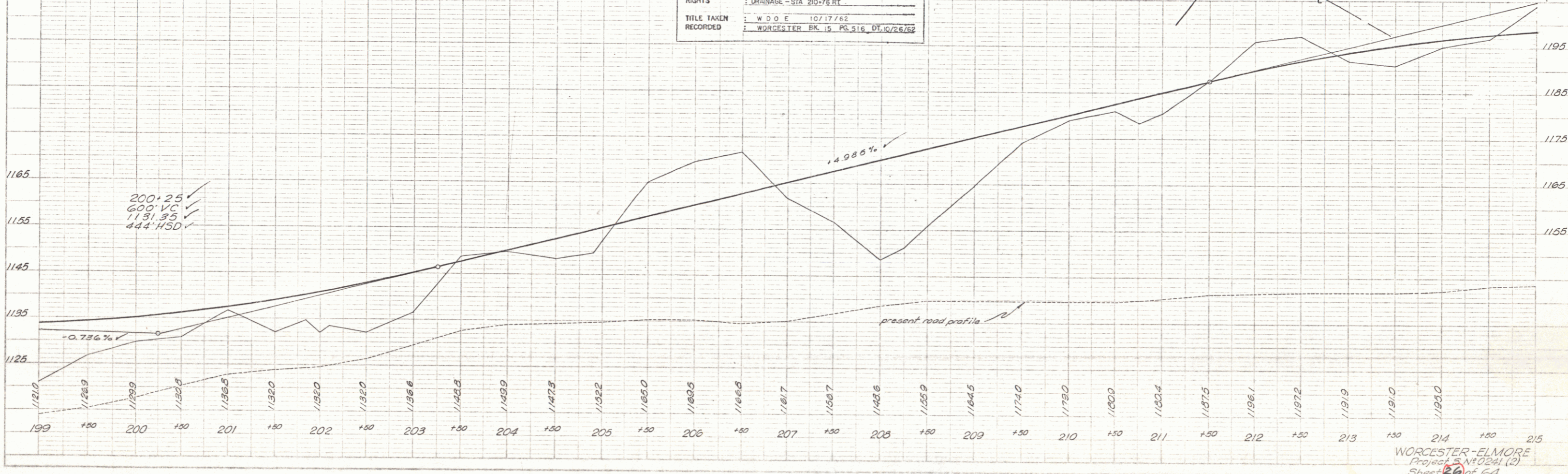
PLAN	DATE	BY	CHECKED
NO. 1	11/15/62	W. W. WOOD	C.E.H.
NO. 2			
NO. 3			
NO. 4			
NO. 5			
NO. 6			
NO. 7			
NO. 8			
NO. 9			
NO. 10			

PROFILE	DATE	BY	CHECKED
NO. 1	11/15/62	W. W. WOOD	C.E.H.
NO. 2			
NO. 3			
NO. 4			
NO. 5			
NO. 6			
NO. 7			
NO. 8			
NO. 9			
NO. 10			



PARCEL	: 1 E
STATIONS	: 201+50 - 203+80
TAKING	: 2190.99 FT.

PARCEL	: 3	STA. 196+92 - 215+00
GRANTOR	: LESTER F. SNOW	
TAKING	: 4.9 AC.	REL. 86.1 AC.
RIGHTS	: DRAINAGE - STA. 201+76 RT.	
TITLE TAKEN	: WOOD	10/17/62
RECORDED	: WORCESTER BK. 15 PG. 516 DT. 10/26/62	



WORCESTER-ELMORE  
Project 5 N10241 (2)  
Sheet 26 of 64

Construct Drives 26+88 Lt.

REMOVAL AND DISPOSAL OF PRESENT GUARD RAIL Rt. App 1+26 - App 1+74 App 1+26 - App 1+74

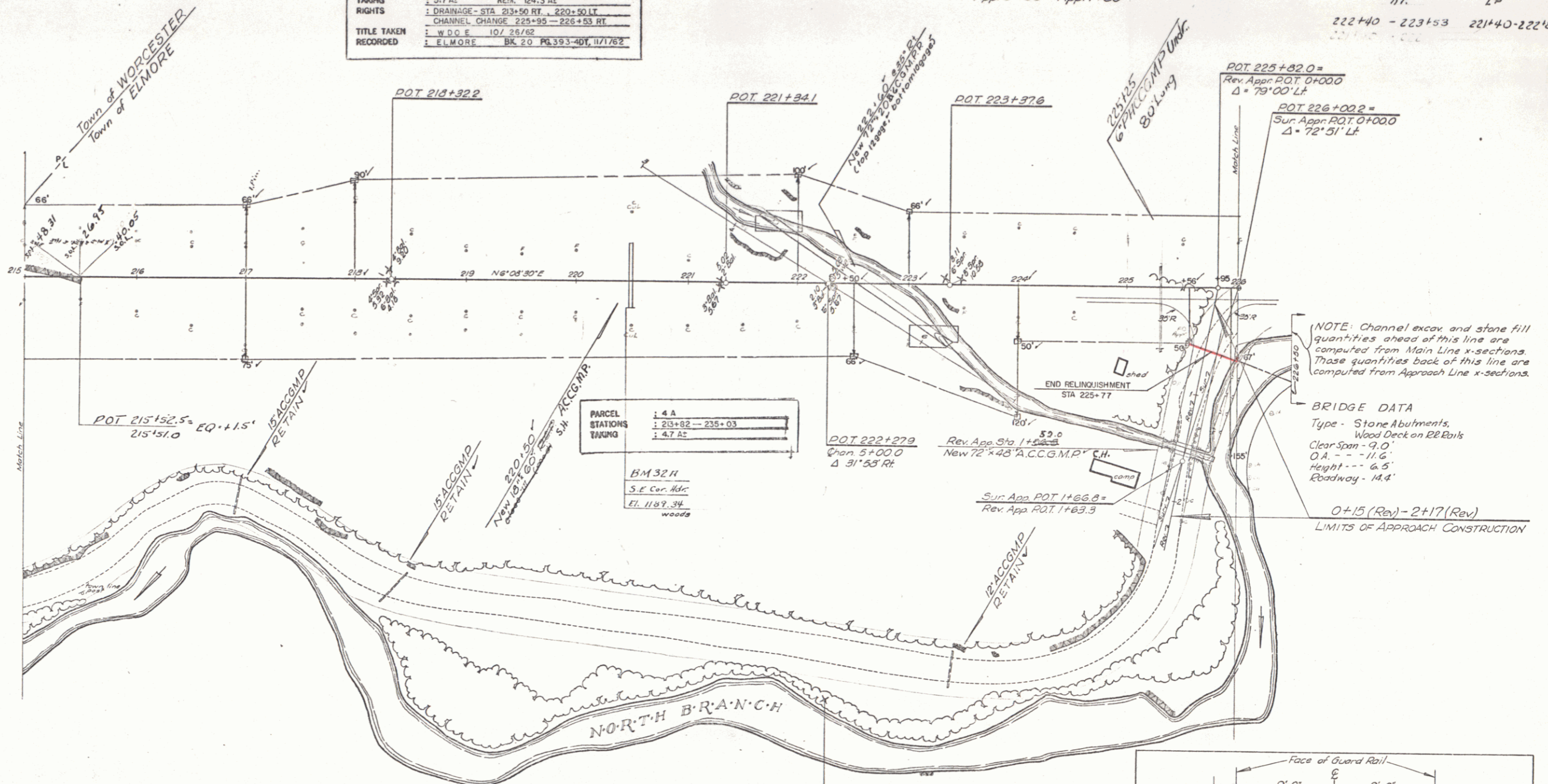
CONSTRUCT APPROACH Rt. 225+82 ✓

TWO CABLE GUARD RAIL Lt. 221+20 - 222+80 215+00 - 216+00 0+17 App - 1+71 App 222+93 - 223+00 1+40 App - 1+72 App (226+00 Lt.)

STONE FILL FOR SLOPE PROTECTION Lt. App 0+38 - App 1+75 Rt.

UNCLASSIFIED CHANNEL EXCAVATION Lt. App 0+55 - App 1+80 Rt. TREATED TIMBER CURB (Pave Shoulder F.V.W.) Rt. 222+40 - 223+53 221+40 - 222+89

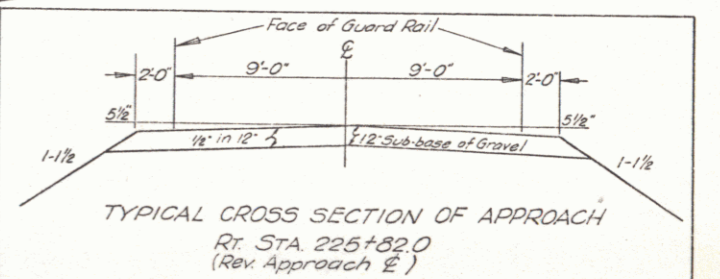
PARCEL	4 A, B	STA	213+82 - 235+03
GRANTOR	ANTONETTE BRESCIA		
TAKING	5.7 AS	REH.	04.3 AS
RIGHTS	DRAINAGE - STA. 213+50 RT. - 220+50 LT.		
	CHANNEL CHANGE 225+95 - 226+53 RT.		
TITLE TAKEN	W.D.O.E. 10/26/62		
RECORDED	ELMORE BK 20 PL 393-40T, 11/17/62		



NOTE: Channel excav. and stone fill quantities ahead of this line are computed from Main Line x-sections. Those quantities back of this line are computed from Approach Line x-sections.

BRIDGE DATA  
Type - Stone Abutments, Wood Deck on RR Rails  
Clear Span - 9.0'  
O.A. - 11.6'  
Height - 6.5'  
Roadway - 14.4'

0+15 (Rev) - 2+17 (Rev)  
LIMITS OF APPROACH CONSTRUCTION



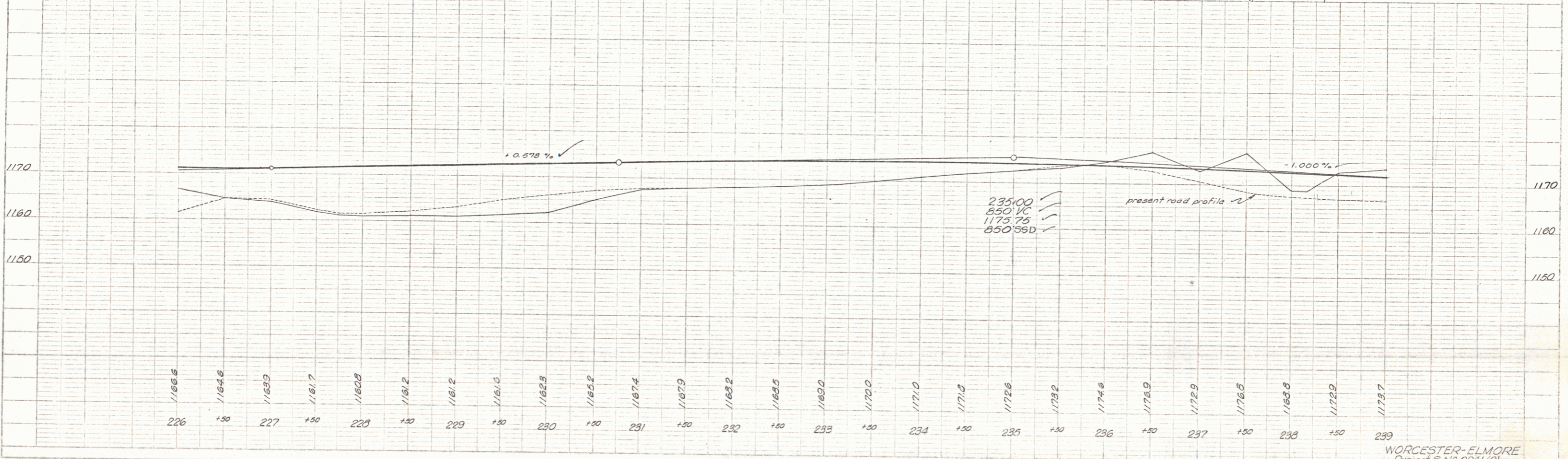
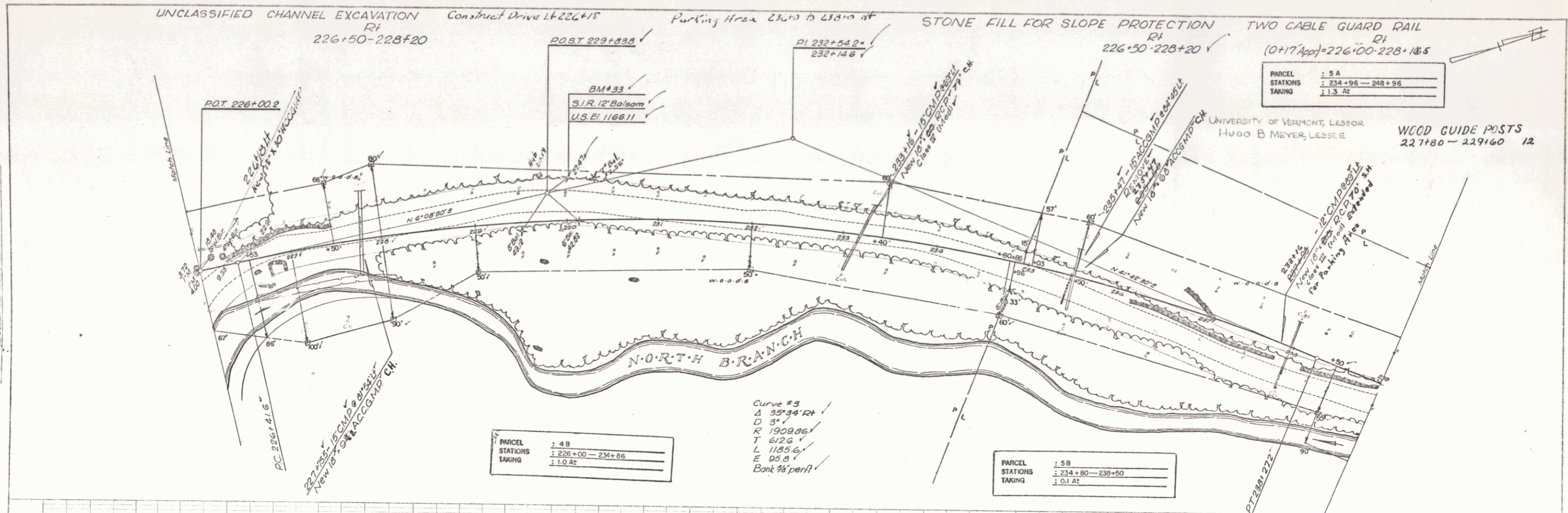
VERMONT ROUTE 12 RELINQUISHMENT

TOWN OF ELMORE  
BEG. STA. 212+15 275 RT. - END STA. 225+77 57 RT  
RECORDED: JULY 9, 1964 BK. HIGHWAY PG. 25 - 26

BM #32  
S.E. Cor. Bldg  
E.L. 1187.34  
woods

PLAN  
 DATE: 11/17/81  
 DRAWN BY: [illegible]  
 CHECKED BY: [illegible]  
 PROJECT: [illegible]

PROFILE  
 DATE: 11/17/81  
 DRAWN BY: [illegible]  
 CHECKED BY: [illegible]  
 PROJECT: [illegible]



PARCEL : 48  
 STATIONS : 226+00 - 234+86  
 TAKING : 1.0 AC

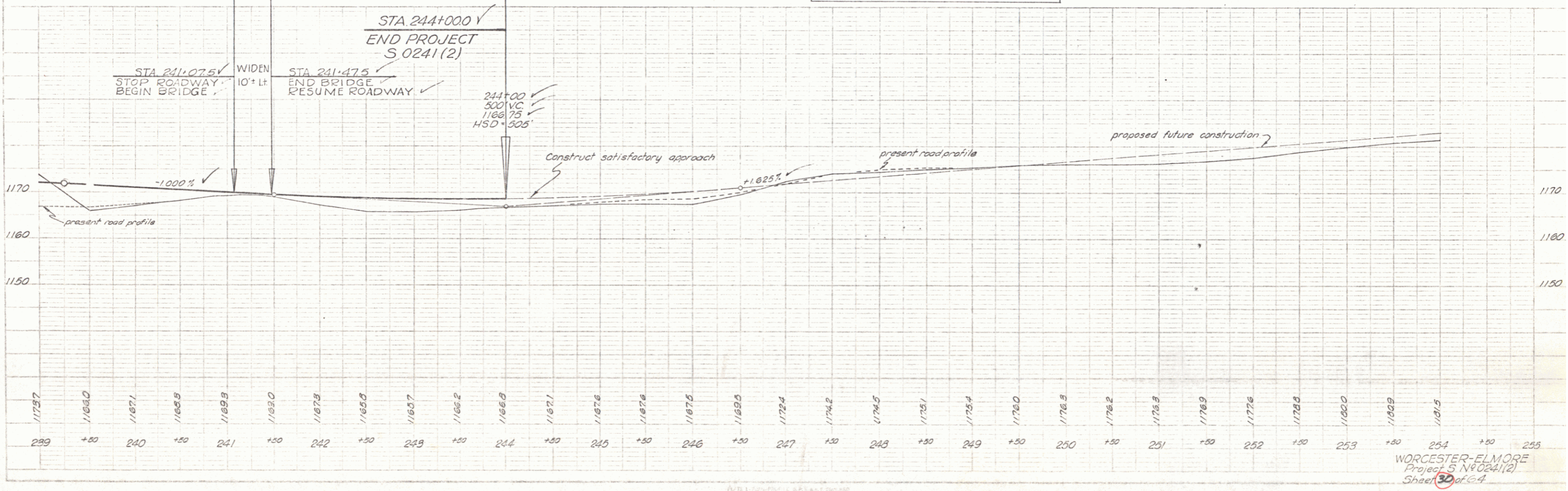
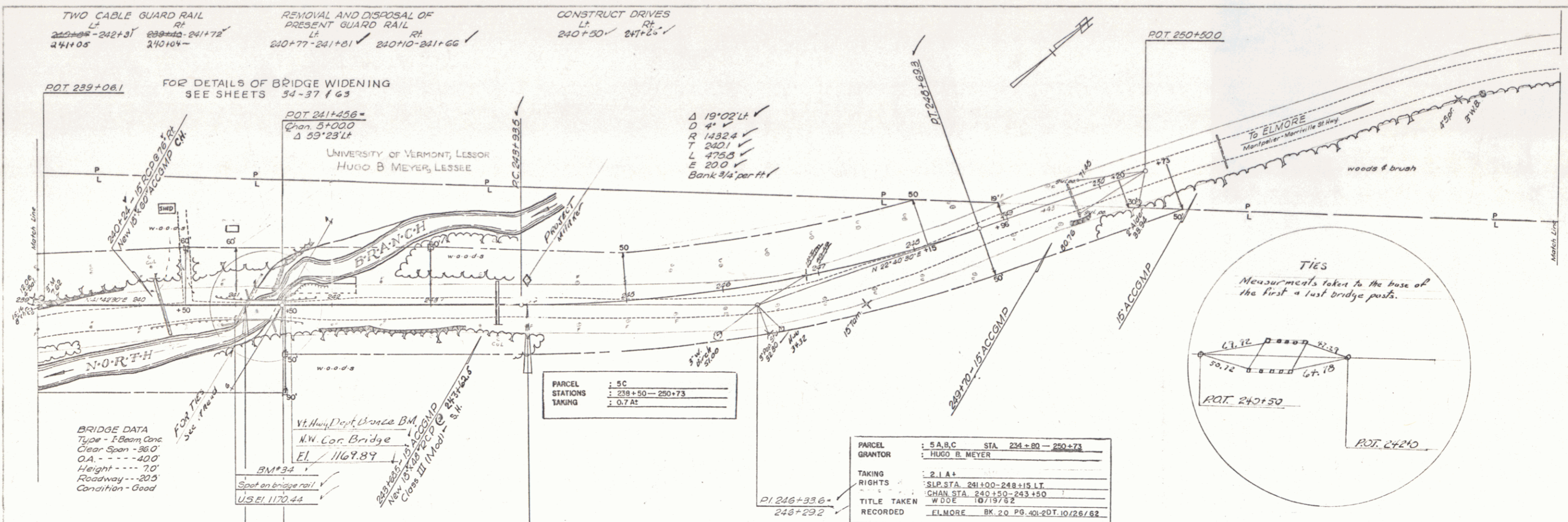
Curve #9  
 Δ 35°34'24"  
 D 3'  
 R 1908.86'  
 T 612.6'  
 L 1185.6'  
 E 95.8'  
 Bank 3/4' per ft

PARCEL : 5B  
 STATIONS : 234+80 - 238+50  
 TAKING : 0.1 AC

PARCEL : 5A  
 STATIONS : 234+96 - 248+96  
 TAKING : 1.3 AC

WOOD GUIDE POSTS  
 227+80 - 229+60 12

WORCESTER-ELMORE  
 Project # 0241(2)  
 Sheet 21 of 64



WORCESTER-ELMORE  
 Project S N60241(2)  
 Sheet 30 of 64