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STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT  
INTERSTATE PROJECT IN THE TOWNS OF  
**WESTMINSTER - ROCKINGHAM**  
COUNTY OF WINDHAM

PROJECT NO. 191-1 (IS)

Interstate Route I 91

BEGINNING 2.240 MILES SOUTH OF THE WESTMINSTER-ROCKINGHAM TOWN LINE AT STATION 1541+00 AND CONTINUING IN A NORTHERLY DIRECTION 1.705 MILES TO STATION 1631+00

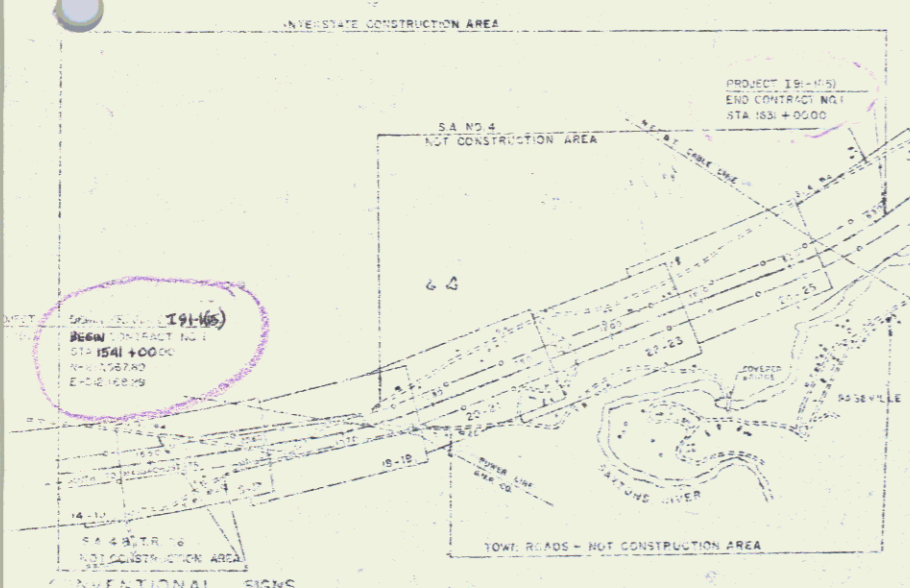
LENGTH OF ROADWAY = 90000 FEET = 1705 MILES  
LENGTH OF CONTRACT = 200000 FEET = 1705 MILES

DESIGN DESIGNATION

ADI-1960	=	2000
ADI-1975	=	2000
DRY-1975	=	71%
V	=	54%
K	=	170 MPH



RIGHT-OF-WAY  
and Construction Plans



LEGEND DESIGNATED ACCESS POINTS

POOR ORIGINAL COPY

CONVENTIONAL SIGNS

TO W. PROPERTY LINE	TO R. PROPERTY LINE
TO W. RIGHT-OF-WAY	TO R. RIGHT-OF-WAY
TO W. ADJACENT PROPERTY	TO R. ADJACENT PROPERTY
TO W. ADJACENT ROAD	TO R. ADJACENT ROAD
TO W. ADJACENT RAILROAD	TO R. ADJACENT RAILROAD
TO W. ADJACENT WATERWAY	TO R. ADJACENT WATERWAY
TO W. ADJACENT POWER LINE	TO R. ADJACENT POWER LINE
TO W. ADJACENT TELEPHONE LINE	TO R. ADJACENT TELEPHONE LINE
TO W. ADJACENT FENCE	TO R. ADJACENT FENCE
TO W. ADJACENT BOUNDARY	TO R. ADJACENT BOUNDARY

LEGEND

1" = 1000'	1" = 500'
1" = 200'	1" = 100'
1" = 50'	1" = 25'
1" = 10'	1" = 5'
1" = 2.5'	1" = 1.25'

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS  
LICENSE NO. 1000  
DATE 4/25/1961

THESE PLANS ARE SUBJECT TO THE REVIEW AND CONSENT OF THE BOARD OF SUPERVISORS OF THE COUNTY OF WINDHAM.

DEPARTMENT OF HIGHWAYS  
BUREAU OF PUBLIC ROADS  
MP 29.04-35.41

4/25/1961

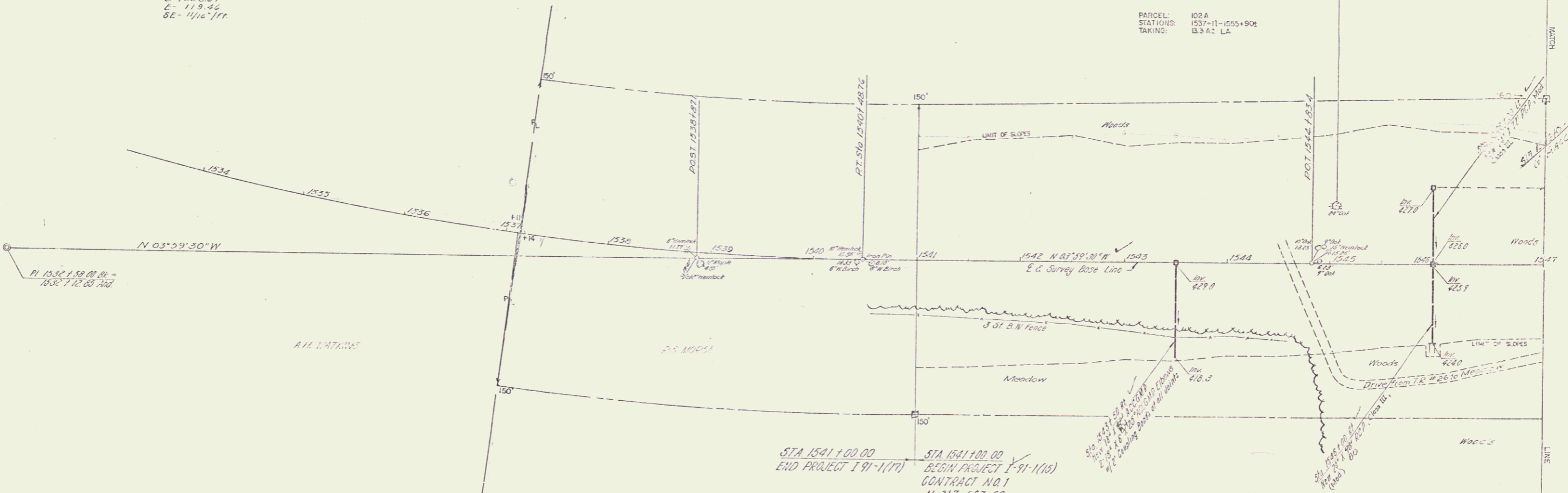
Property Line pins w/ heli posts  
 Right STA 1541.00 to STA 1541.10

THREE CORNER SURVEY WITH WITNESS POSTS  
 LEFT  
 STA 1531.00 TO STA 1541.00  
 1542.156 1541.100



**SURVEY & ARC DEFINITION**  
 DL 1532+50.0 BL  
 1532+12.85 Mid  
 Δ = 32° 32' 41"  
 D = 2° 00'  
 R = 2064.73  
 T = 635.91  
 L = 1626.67  
 E = 119.46  
 SE = 1/16" 1/11"

PARCEL: 102A  
 STATIONS: 1537+11-1555+902  
 TAKING: 15.8 A2 LA



STA 1541+00.00  
 END PROJECT 191-1(17)

STA 1541+00.00  
 BEGIN PROJECT 191-1(16)  
 CONTRACT NO. 1  
 N-217, 567.89  
 E-512, 168.29

PARCEL: 102 A1  
 GRANTEE: RIDGEMOUNT MORSE  
 STATIONS: 1537+11 - 1555+902  
 TAKING: 15.8 A2 LA  
 REMAINDER: 79.7 A1  
 RIGHTS:  
 DRAINAGE - STA 154+00.00 RT, 1543+50.1 RT  
 1546+00.0 RT, 1548+50.1 RT  
 1551+00.0 RT, 1553+50.1 RT  
 1553+50.2 RT  
 TITLE TAKEN - COAD 17478  
 RECORDED - WESTMINSTER-CR 50 - PG 147 - 10/10/61

DATE: 11/20/54  
 BY: [Signature]  
 61-44510-50-12

STATE OF VERMONT  
 DEPARTMENT OF HIGHWAYS  
 INTERSTATE PROJECT IN THE TOWNS OF  
 WESTMINSTER ROCKINGHAM

WILLIAM W. WILFARLAND  
 ENGINEER  
 BY: [Signature]

DESIGNED BY: [Signature]  
 CHECKED BY: [Signature]  
 SHEET 14 OF 136

2

DRILLING & REPLACING OF SAND PILE SLOTTAGE, ITEM 114 Mod  
Sta 152+1.50 to Sta 153+00  
SA # 4 - Sta 8175 to Sta 9163

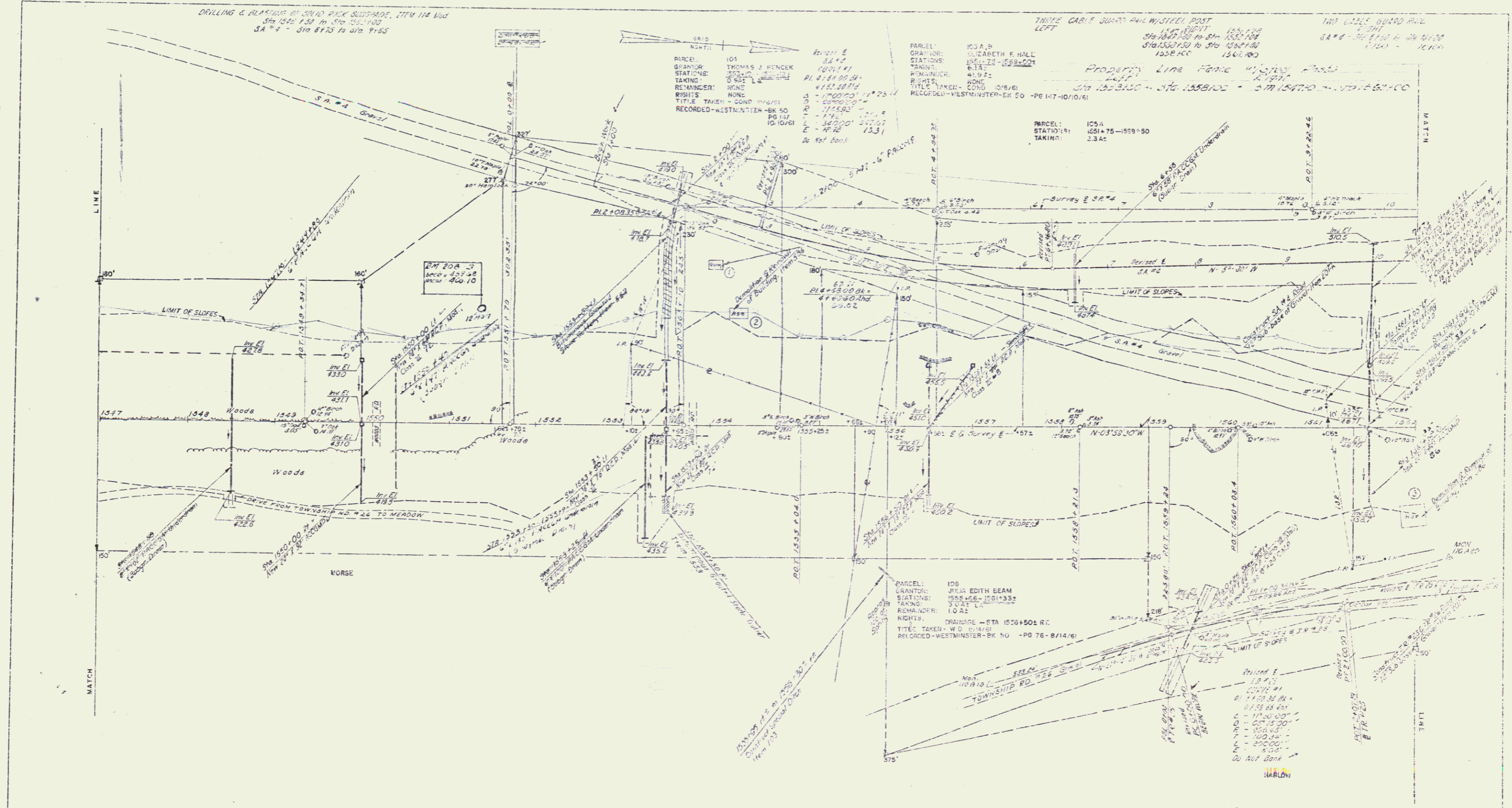
THREE CABLE GUARD RAIL W/STEEL POST LEFT  
152+1.50 153+00  
Sta 152+1.50 to Sta 153+00  
Sta 153+00 to Sta 154+00  
152+8.00 153+00

Parcel 101  
GRANTOR: THOMAS J. FENNER  
STATIONS: 552-10  
TAKING: 5/5/51  
REMANDEE: NONE  
RIGHTS: NONE  
TITLE TAKEN: COND. 10/6/61  
RECORDED - WESTMINSTER - BK 40 PG 137 RD 10/6/61

Parcel 105A, B  
GRANTOR: ELIZABETH E. HALL  
STATIONS: 1551-75 - 1559-50  
TAKING: 8/18/52  
REMANDEE: 41.9 AC  
RIGHTS: NONE  
TITLE TAKEN: COND. 10/6/61  
RECORDED - WESTMINSTER - BK 50 - PG 147-10/10/61

Parcel 105A  
STATIONS: 1551-75 - 1559-50  
TAKING: 2.3 AC

Property Line Fence 41.9 AC  
Sta 152+8.00 - Sta 155+8.00 - Sta 157+00 - Sta 158+00



STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS  
INTERSTATE PROJECT IN THE TOWNS OF  
WESTMINSTER, ROCKINGHAM

WILLIAM H. MERRILL  
ENGINEER  
SHELDON, VERMONT

DATE: 10/10/61  
PROJECT: 152+1.50 TO 153+00  
SHEET 16 OF 18

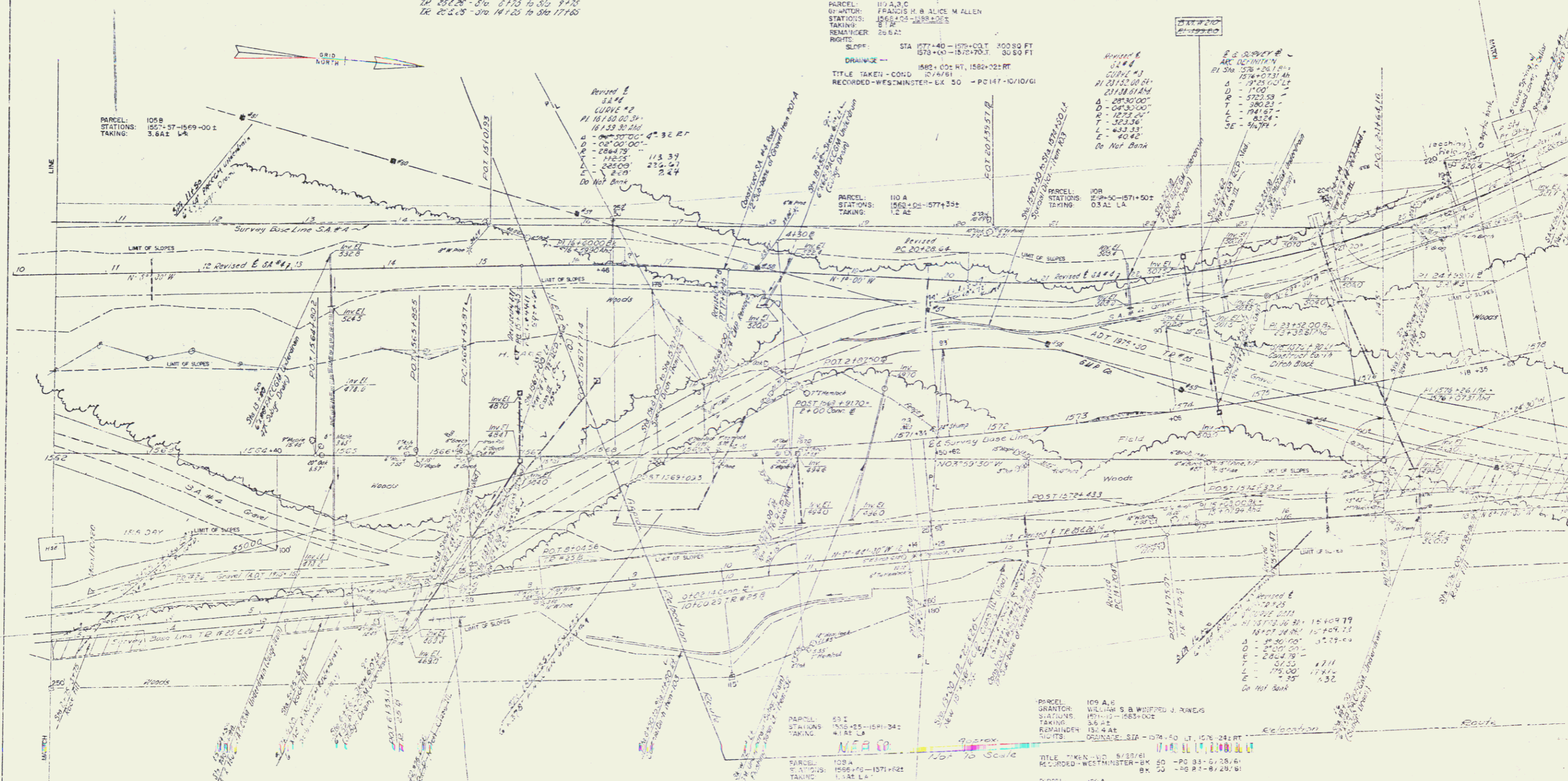
THREE CABLE GUARD RAIL W/STEEL POSTS  
LEFT  
1744 PAR 110  
574 1507+00 TO 574 1573+28  
574 1573+28 TO 574 1573+102  
1573+102 1573+100

DRILLING & SECTION OF BRICK ROCK SUBGRADE ITEM 114 MOD  
124 1242+00 TO 124 1253+40  
124 1253+40 TO 124 1271+25  
124 1271+25 TO 124 1271+40  
124 1271+40 TO 124 1271+40  
124 1271+40 TO 124 1271+40  
124 1271+40 TO 124 1271+40  
124 1271+40 TO 124 1271+40  
124 1271+40 TO 124 1271+40

114 CASIL BOARD P.M.  
LEFT 1104 1140  
114 1104-00 TO 114 1104-00  
114 1104-00 TO 114 1104-00  
114 1104-00 TO 114 1104-00  
114 1104-00 TO 114 1104-00  
114 1104-00 TO 114 1104-00  
114 1104-00 TO 114 1104-00  
114 1104-00 TO 114 1104-00

PROPERTY LINE FENCE W/STEEL POSTS  
LEFT  
574 1507+00 TO 574 1573+100  
574 1573+100 TO 574 1573+102  
574 1573+102 TO 574 1573+102  
574 1573+102 TO 574 1573+102  
574 1573+102 TO 574 1573+102  
574 1573+102 TO 574 1573+102  
574 1573+102 TO 574 1573+102  
574 1573+102 TO 574 1573+102

CONSTRUCT DRIVEWAY  
3A #4 - STA 201+07 LEFT  
3A #4 - STA 201+07 RIGHT  
3A #4 - STA 201+07 RIGHT  
3A #4 - STA 201+07 RIGHT  
3A #4 - STA 201+07 RIGHT  
3A #4 - STA 201+07 RIGHT  
3A #4 - STA 201+07 RIGHT  
3A #4 - STA 201+07 RIGHT



PARCEL 100B  
STATIONS 1567-57-1569-00  
TAKING 3.6A LK

Revised E  
3A #4  
CURVE #2  
R=16150.00'  
D=16150.00'  
A=0.0000°  
T=113.34'  
L=255.00'  
E=2.40'  
Do Not Bank

PARCEL 109A  
STATIONS 1566-00-1577+25  
TAKING 1.2 AC

Revised E  
3A #4  
CURVE #3  
R=21150.00'  
D=21150.00'  
A=0.0000°  
T=113.34'  
L=255.00'  
E=2.40'  
Do Not Bank

Revised E  
3A #4  
CURVE #4  
R=21150.00'  
D=21150.00'  
A=0.0000°  
T=113.34'  
L=255.00'  
E=2.40'  
Do Not Bank

PARCEL 107  
GRANTOR WILLIAM E B WHIRELLA A CPNATE  
STATIONS 1566-00-1569-00  
TAKING 11.6A LK  
REMAINDER NONE  
RIGHTS  
DRAINAGE - STA 1564+50 RT  
TITLE TAKEN - COND 10/6/61  
RECORDED - WESTMINSTER - BK 50 - PG 80 - B/22/61

PARCEL 109 AB  
GRANTOR HENRI W B COYNE L HULLOW  
STATIONS 1566-00-1571+25  
TAKING 5.1A LK  
REMAINDER 0.5322  
RIGHTS DRAINAGE - STA 0+00 SL RT, 6+94 SL RT  
TITLE TAKEN - COND 10/6/61  
RECORDED - WESTMINSTER - BK 50 - PG 147-10/10/61

PARCEL 109 A  
STATIONS 1566-00-1571+25  
TAKING 1.1A LK

PARCEL 109 A, B  
GRANTOR WILLIAM S B WHIRELL J ROWE'S  
STATIONS 1571+25-1583+00  
TAKING 5.6 AC  
REMAINDER 151.4 AC  
RIGHTS  
TITLE TAKEN - COND 5/23/61  
RECORDED - WESTMINSTER - BK 50 - PG 83 - B/25/61  
BK 50 - PG 81 - B/29/61

PARCEL 109 A  
STATIONS 1571+25-1578+50  
TAKING 1.5 AC LK

PARCEL 109B  
STATIONS 1571+50-1583+00  
TAKING 2.0A LK

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS  
INTERSTATE PROJECT IN THE TOWNS OF  
WESTMINSTER ROCKINGHAM

WILLIAM H. MERRILL  
ENGINEER

APPROVED BY  
SUPERVISOR  
DATE

PROPERTY LINE FENCE W/STEEL POSTS LEFT Sta 1578+00 TO Sta 1601+00 1578+00 1592+00

CONSTANT DRIVEWAY 34' x 4' Sta. 26+95 1571

SPECIAL GRASS SEED (SLOPE PROTECTION) Sta 1577+00 TO Sta. 1582+75 R/L Sta 1589+25 TO Sta. 1592+75 R/L

180 CARL GUARD RAIL LEFT Sta 1577+00 TO Sta. 1582+75 R/L 18 25' L/S 078-79' L/S 1 36-29+27 19+00 20+12

DRILLING & CLUSTERING OF SOLID ROCK SUBGRADE ITEM #4 NOT TO SCALE 150' x 20' 150' x 10' 150' x 10'

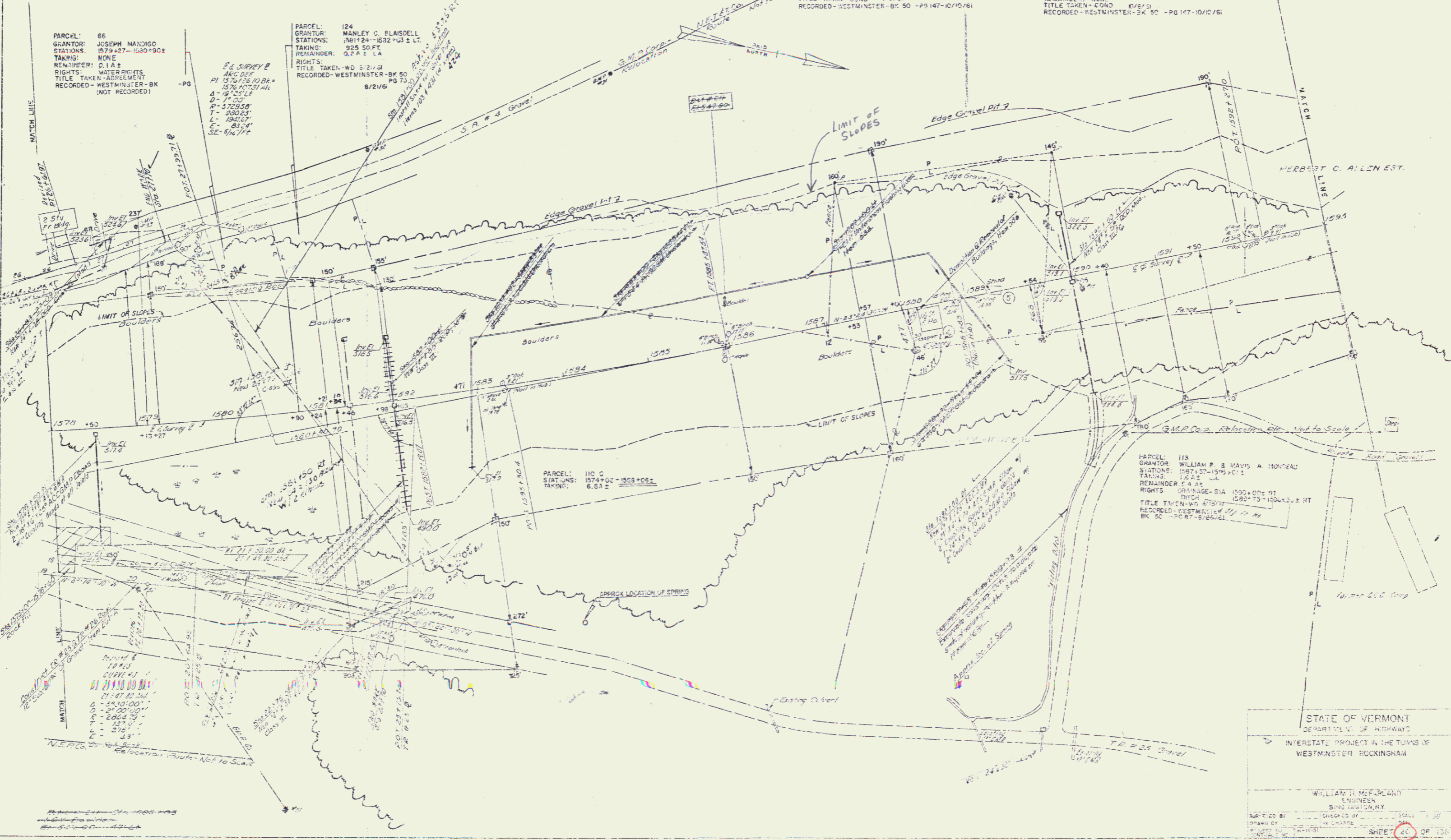
THREE CABLE GUARD RAIL W/STEEL POSTS LEFT Sta 1578+00 TO Sta 1582+75 1578+00 1582+75 1582+75 1582+75

PARCEL: 66  
GRANTOR: JOSEPH MANDIGO  
STATIONS: 1579+27 - 1580+95 L  
TAKING: NONE  
REMARKS: D.I.A.  
RIGHTS: WATER RIGHTS  
TITLE TAKEN: AGREEMENT  
RECORDED - WESTMINSTER - BK (NOT RECORDED)

PARCEL: 124  
GRANTOR: MANLEY C. BLAISDELL  
STATIONS: 1561+24 - 1582+03 L  
TAKING: 925 SQ FT  
REMARKS: 0.7 A 2 L A  
RIGHTS: TITLE TAKEN - WD 3/21/61  
RECORDED - WESTMINSTER - BK 50 PG 73 8/21/61

PARCEL: 111  
GRANTOR: CHRISTIAN FAMILY CIRCLE, INC  
STATIONS: 1561+48 - 1555+80 L  
TAKING: 2.9 A 2 L A  
REMARKS: 44/12  
TITLE TAKEN - COND 10/6/61  
RECORDED - WESTMINSTER - BK 50 - PG 147-10/10/61

PARCEL: 112  
GRANTOR: JOHN H. & DOROTHY M. ALLEN  
STATIONS: 1567+11 - 1590+00 L  
TAKING: 11.2 A 2 L A  
REMARKS: NONE  
TITLE TAKEN - COND 10/6/61  
RECORDED - WESTMINSTER - BK 50 - PG 147-10/10/61



STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS  
INTERSTATE PROJECT IN THE TOWNS OF  
WESTMINSTER ROCKINGHAM

WILLIAM H. McFARLAND  
ENGINEER  
510 WESTMINSTER

DATE: 10/1/61  
SCALE: 1" = 40'  
SHEET 20 OF 136

Property Line Fence 4/21/1954  
 STA 1593100 - STA 1600+00  
 STA 1605100 - STA 1600+00

TYPE CABLE GUARD RAIL HIGHWAY  
 STA 1594+00 TO STA 1605+00  
 STA 1594+00 TO STA 1605+00  
 STA 1594+00 TO STA 1605+00

PARCEL: 116  
 GRANTEE: MERRILL G. B. HELEN C. SEAM  
 STATION: 1605+15 - 1611+00  
 TAKING: 2.7 AC  
 REMAINDER: 2.7 AC  
 RIGHTS: TITLE TAKEN - WD 8/16/61  
 RECORDED - WESTMINSTER - BK 50 - PG 87-3/25/61

PARCEL: 115  
 GRANTEE: ELLINICE S. MUZZEY  
 STATION: 1599+26 - 1614+73  
 TAKING: 9.7 AC LA  
 REMAINDER: 230.3 AC  
 RIGHTS: DRAINAGE - STA 1604+50 RT, 1604+90 RT, 1605+55 RT, 1610+00 RT, 1611+00 RT  
 TITLE TAKEN - COND 10/6/61  
 RECORDED - WESTMINSTER - BK 50 - PG 147-10/10/61

PARCEL: 114 A  
 STATION: 1594+15 - 1600+77  
 TAKING: 2.9 AC

PARCEL: 114 B  
 GRANTEE: CASSIUS I. WILSON  
 STATION: 1594+15 - 1625+40  
 TAKING: 9.9 AC LA  
 REMAINDER: 8.0 AC  
 RIGHTS: DRAINAGE - STA 1594+00 RT, 1599+00 RT, 1615+00 RT, 1623+00 RT  
 TITLE TAKEN - COND 10/6/61  
 RECORDED - WESTMINSTER - BK 50 - PG 147-10/10/61

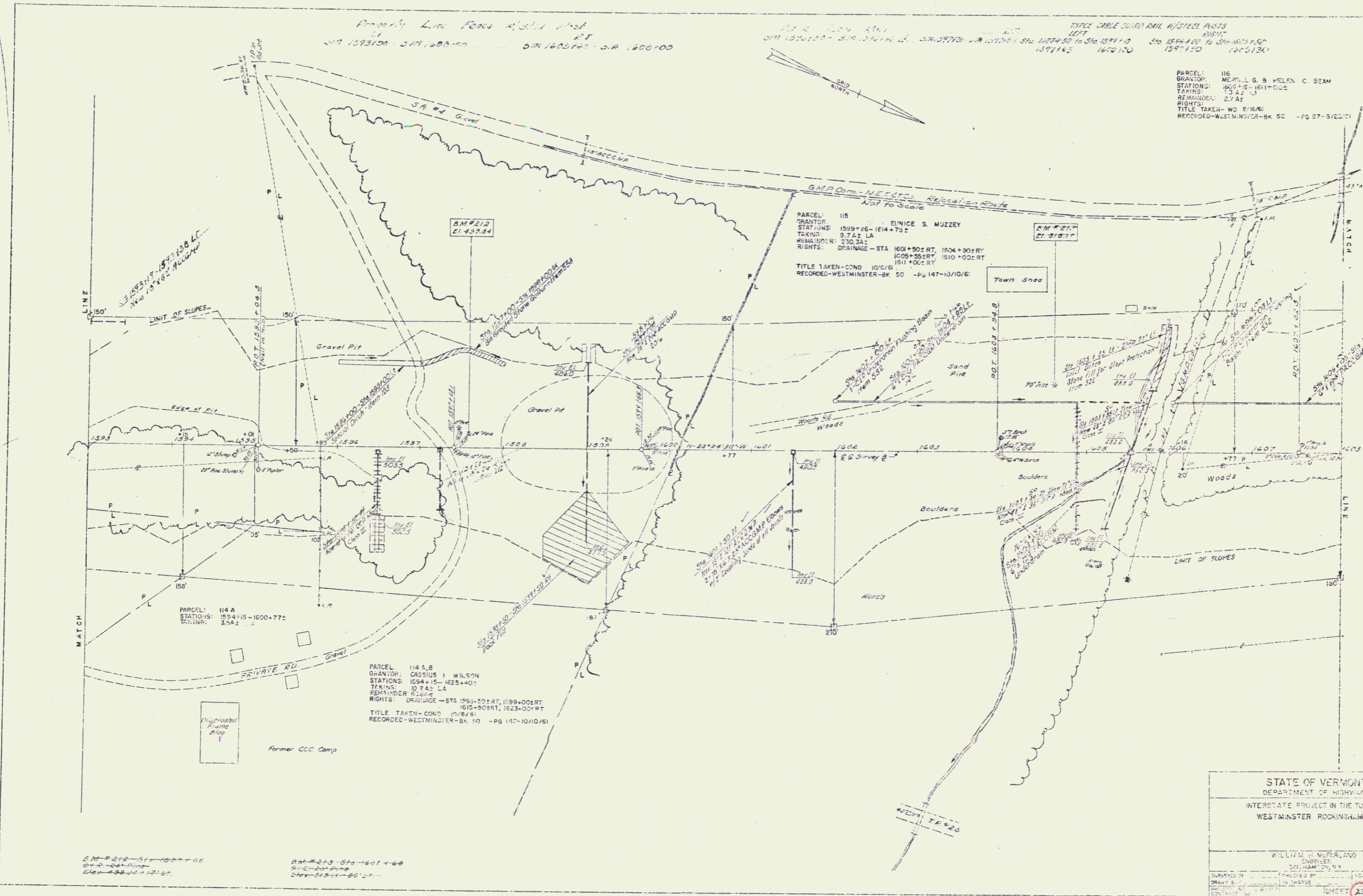
STATE OF VERMONT  
 DEPARTMENT OF HIGHWAYS  
 INTERSTATE PROJECT IN THE TOWNS OF  
 WESTMINSTER ROCKINGHAM

WILLIAM H. MERRILLAND  
 ENGINEER  
 WESTMINSTER, VT

SURVEYED BY: \_\_\_\_\_  
 DRAWN BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 SHEET 22 OF 118

BM #210 - Sta 1594+00  
 Elev 438.42 - 17.2 ft

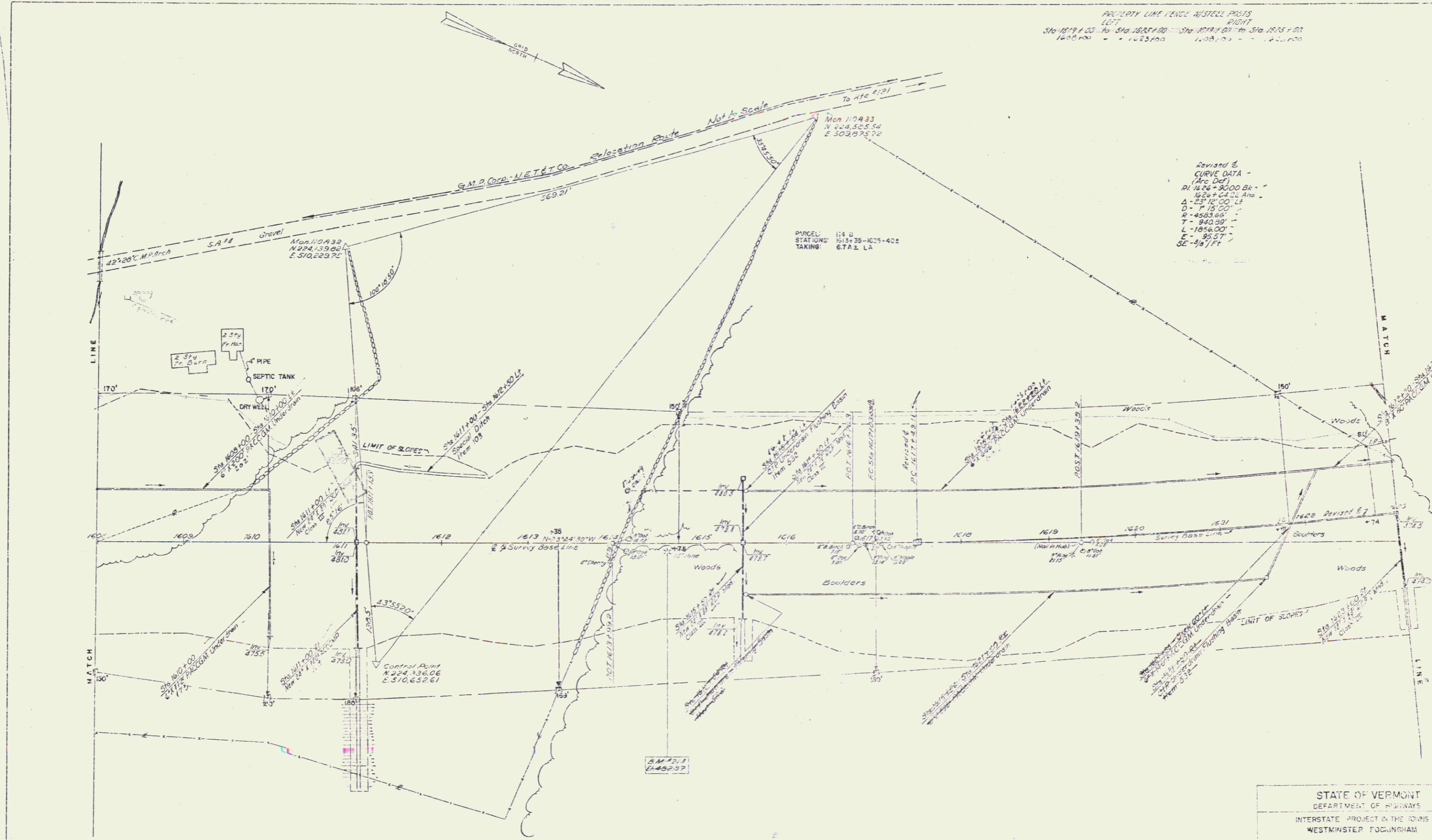
BM #213 - Sta 1601+00  
 Elev 438.11 - 20.2 ft



PROPERTY LINE (W/CD) - IRON PILES  
 LEFT RIGHT  
 Sta 1019+00 To Sta 1024+00 Sta 1019+00 To Sta 1025+00  
 1000.00' - 1023.00' 1000.00' - 1025.00'

Revised E  
 CURVE DATA -  
 (Per Det)  
 R = 1000.00 Bk -  
 1020 + C.I. De Ana -  
 Δ = 25° 10' 00" LE  
 D = 110.00' -  
 R = 4983.66' -  
 T = 940.291' -  
 L = 1856.00' -  
 E = 39.57' -  
 CE = 39.17' -

PARCEL: 114 B  
 STATION: 1913-35-1029-402  
 TAKING: 6/24/84



3-M 212-51010400-  
 3-M 212-51010400-  
 EM-480.01-1014

STATE OF VERMONT  
 DEPARTMENT OF HIGHWAYS  
 INTERSTATE PROJECT IN THE TOWNS OF  
 WESTMINSTER FOGUNGHAM

WILLIAM T. WOODLAND  
 ENGINEER  
 BRANTFORD, VT

CHECKED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

SCALE: 1" = 100'  
 SHEET: 24 OF 158

NOTE  
In order to obtain stable slopes at the  
terminal point of the Contract, cutwork  
slopes shall be carried beyond the end of  
the Contract as directed by the Engineer.

SECON GRASS-SPEED (SLOPE PROTECTION)  
Sta 1629+00 to Sta 1630+00 RT

PROPERTY LINE FENCE W/STEEL POSTS  
LEFT RIGHT  
Sta 1623+00 to Sta 1631+00 Sta 1623+00 to Sta 1631+00  
To be placed in accordance with appropriate  
Construction

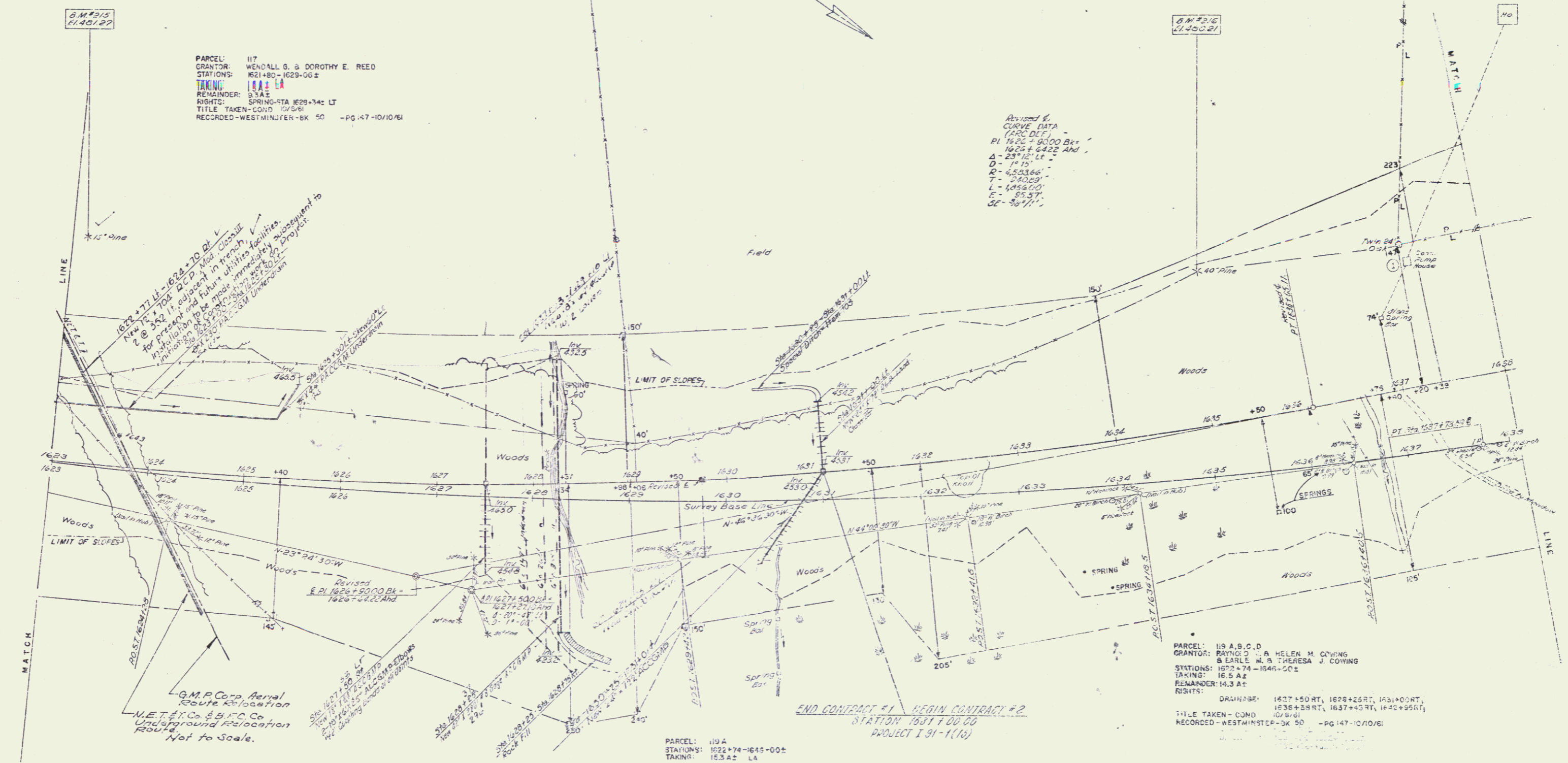
THREE CABLE GUARD RAIL W/STEEL POSTS  
LEFT RIGHT  
Sta 1627+00 to Sta 1631+00 Sta 1627+00 to Sta 1631+00  
1627+52 1629+60 1631+00 1627+52

Mer. No. A35  
N. 206.170 E. S.  
E. 500.707.70

C.A. #16 (level)

PARCEL: 117  
GRANTOR: WENDALL G. & DOROTHY E. REED  
STATIONS: 1621+80-1629+00 S  
TAKING: 1621 LA  
REMAINDER: 1621 S  
RIGHTS: SPRING STA 1629+34C LT  
TITLE TAKEN-COND 1621 S  
RECORDED-WESTMINSTER-BK 50 -PG 47-10/10/61

Revised &  
CURVE DATA  
(ARC DATA)  
PI 1625 + 90.00 BL  
1625 + 24.22 AND  
Δ = 25° 12' 12"  
D = 147.5'  
R = 4523.66'  
T = 300.29'  
L = 1629.00'  
E = 85.57'  
CE = 50.11'



B.M. #15 Sta 1623+10  
R.S. 115 Pine  
Elev. 481.67-230' LI

B.M. #16 Sta 1635+00  
R.S. 117 30 Pine  
Elev. 480.21-210' LI

PARCEL: 119 A  
STATIONS: 1622+74-1645+00 S  
TAKING: 1632 LA

PARCEL: 118 A, B, C, D  
GRANTOR: RAYMOND & HELEN M. COWING  
B. EARLE M. & THERESA J. COWING  
STATIONS: 1625+74-1645+00 S  
TAKING: 1632 LA  
REMAINDER: 1632 AT  
RIGHTS: DRAINAGE: 1627+50 RT, 1628+26 RT, 1631+00 RT,  
1636+29 RT, 1637+45 RT, 1642+95 RT  
TITLE TAKEN-COND 1632 LA  
RECORDED-WESTMINSTER-BK 50 -PG 147-10/10/61

END CONTRACT #1 BEGIN CONTRACT #2  
STATION 1631+00.00  
PROJECT I. 91-1(16)

STATE OF VERMONT			
DEPARTMENT OF HIGHWAYS			
INTERSTATE PROJECT IN THE TOWNS OF			
WESTMINSTER ROCKINGHAM			
WILLIAM H. McPHERSON			
OWNER			
S. VERMONT, N.Y.			
DESIGNED BY	CHEKED BY	SCALE	DATE
DRAWN BY	IN CHARGE	DATE	DATE
PROJECT NO.	TR. NO.	CHECKED	26 OF 138

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- 8-11 EARTHWORK SUMMARY
- 12 PLAN AND PROFILE SHEETS
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- 60 D-2 HEADWALLS AND UNDERDRAIN
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**STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS**

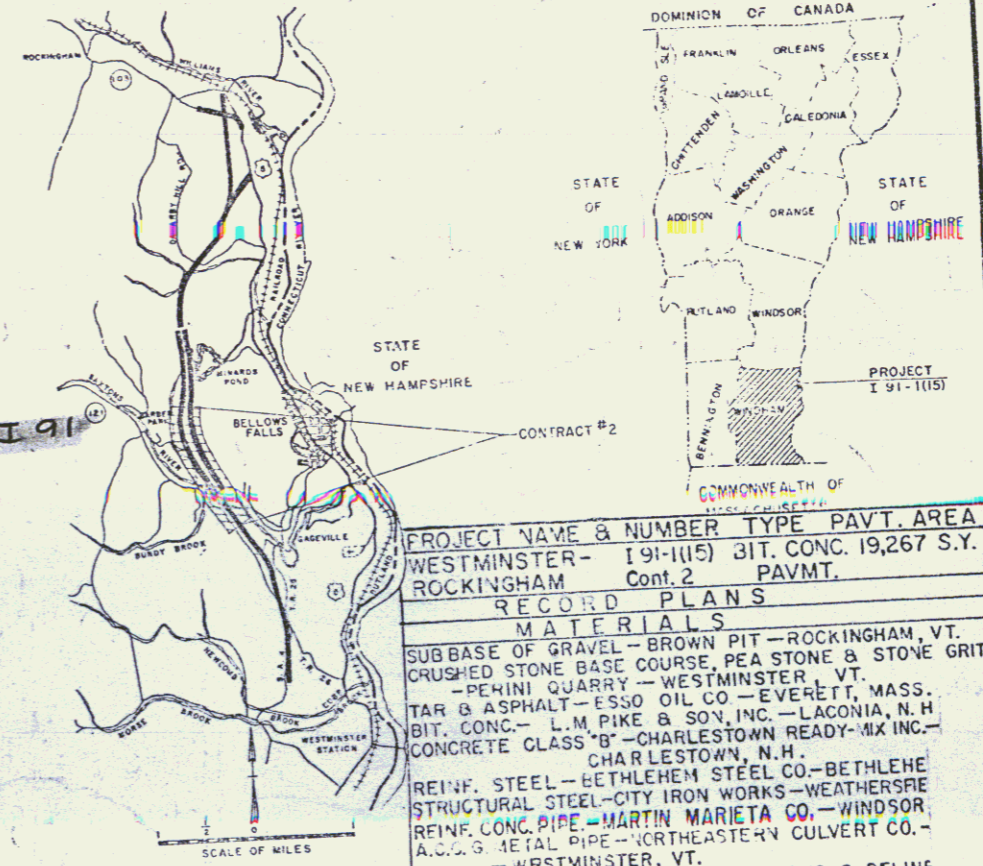
**PROPOSED IMPROVEMENT  
INTERSTATE PROJECT IN THE TOWNS OF  
WESTMINSTER - ROCKINGHAM  
COUNTY OF WINDHAM**

**PROJECT NO. I 91-1 (15) Interstate Route I 91  
CONTRACT NO. 2**

BEGINNING 0.543 MILES SOUTH OF THE WESTMINSTER-ROCKINGHAM TOWN LINE AT STATION 16311+00 AND CONTINUING IN A NORTHERLY DIRECTION 1.368 MILES TO STATION 17024+00  
SBL 1704+50'

LENGTH OF ROADWAY = 6,692.50 FEET = 1.267 MILES  
LENGTH OF BRIDGE = 5,325.00 FEET = 1.010 MILES  
LENGTH OF CONTRACT = 7,225.00 FEET = 1.368 MILES

**DESIGN DESIGNATION**  
ADT - 19,500 = 2280  
ADT - 9,750 = 5060  
D.V. - 9,750 = 715  
T = 7%  
D = 54%  
V = (70) MPH



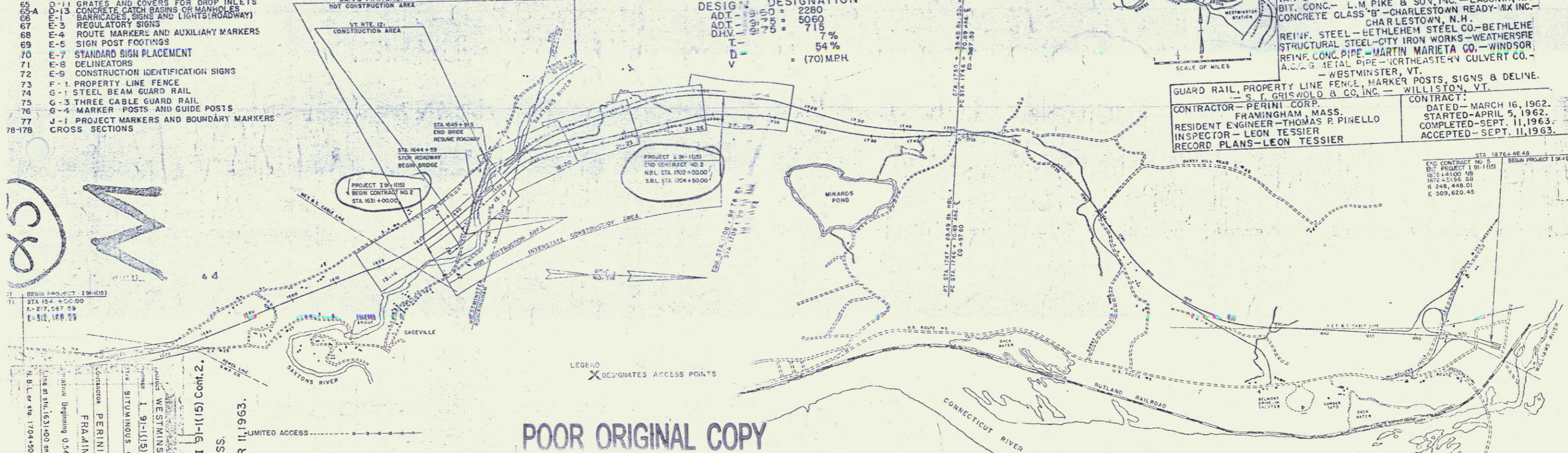
**PROJECT NAME & NUMBER TYPE PAVT. AREA**  
WESTMINSTER - I 91-1(15) BIT. CONC. 19,267 S.Y.  
ROCKINGHAM Cont. 2 PAVMT.

**RECORD PLANS**

**MATERIALS**  
SUBBASE OF GRAVEL - BROWN PIT - ROCKINGHAM, VT.  
CRUSHED STONE BASE COURSE, PEA STONE & STONE GRITS - PEHINI QUARRY - WESTMINSTER, VT.  
TAR & ASPHALT - ESSO OIL CO. - EVERETT, MASS.  
BIT. CONC. - L.M. PIKE & SON, INC. - LACONIA, N.H.  
CONCRETE CLASS "B" - CHARLESTOWN READY-MIX INC. - CHARLESTOWN, N.H.  
REINF. STEEL - EETHLEHEM STEEL WORKS - WEATHERSPE  
STRUCTURAL STEEL - CITY IRON WORKS - WINDSOR  
REINF. CONC. PIPE - MARTIN MARIETTA CO. - WINDSOR  
ACCESS METAL PIPE - NORTHEASTERN CULVERT CO. - WESTMINSTER, VT.

GUARD RAIL, PROPERTY LINE FENCE, MARKER POSTS, SIGNS & DELINE. S. F. GRISWOLD & CO. INC. - WILLISTON, VT.  
CONTRACTOR - PERINI CORP. - FRAMINGHAM, MASS.  
RESIDENT ENGINEER - THOMAS R. PINELLO  
INSPECTOR - LEON TESSIER  
RECORD PLANS - LEON TESSIER

CONTRACT NO. 2  
DATED - MARCH 16, 1962  
STARTED - APRIL 5, 1962  
COMPLETED - SEPT. 11, 1963  
ACCEPTED - SEPT. 11, 1963



**POOR ORIGINAL COPY  
RIGHT-OF-WAY  
and Construction Plans**

CONTRACTOR: PERINI CORP., FRAMINGHAM, MASS.  
RESIDENT ENGINEER: THOMAS R. PINELLO  
INSPECTOR: LEON TESSIER  
RECORD PLANS COMPLETED - SEPTEMBER 11, 1963.

**WESTMINSTER - ROCKINGHAM I 91-1(15) Cont. 2.**  
CONTRACTOR: PERINI CORP., FRAMINGHAM, MASS.  
RESIDENT ENGINEER: THOMAS R. PINELLO  
INSPECTOR: LEON TESSIER  
RECORD PLANS COMPLETED - SEPTEMBER 11, 1963.

**CURVE DATA**

DEFLECTION OF ANGLE	A
DEGREE OF CURVE	D
RADIUS OF CURVE	R
TANGENT DISTANCE	T
LENGTH OF CURVE	L
EXTERNAL DISTANCE	E
POINT OF INTERSECTION	PI
POINT OF CURVE	P.C.
POINT OF TANGENT	P.T.
POINT BY TANGENT	P.O.T.
POINT ON ALIGNMENT	P.O.A.

**SCALES**

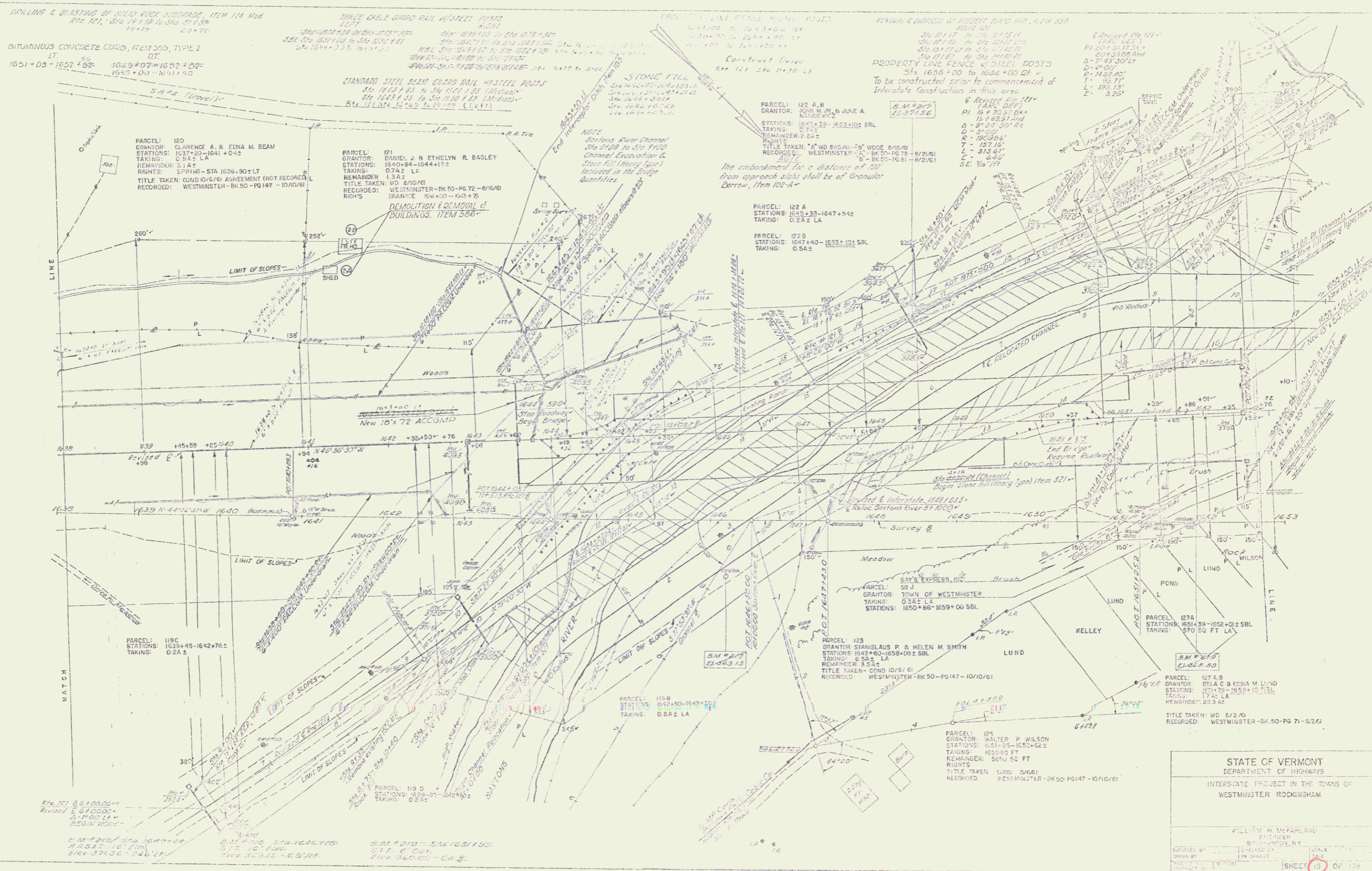
TYPICALS	1" = 100'
PLAN	AS NOTED
PROFILE HORIZONTAL	1" = 10'
PROFILE VERTICAL	1" = 10'
CROSS-SECTIONS	1" = 10'

DESIGNED AND RECOMMENDED BY: [Signature]  
STATE OF VERMONT LICENSE NO. 122  
DATE: July 21, 1960

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 VERMONT 1956 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 GUARANTEED WITH THE PLANS.

DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS  
APPROVED: [Signature]  
DATE: [Date]





DRILLING & BLASTING OF SOLID ROCK UNDERPASS, ITEM 114 Mod  
 Rte 121, Sta 1630+00 to 1630+70  
 19x15 20x70

BITUMINOUS CONCRETE CURB, ITEM 555, TYPE I  
 17  
 Sta 1631+00-1632+52 1632+00-1631+50

THREE CABLE GUARD RAIL W/STEEL POSTS  
 1277  
 Sta 1631+00-1632+52 1632+00-1631+50

STANDARD STEEL BEAM GUARD RAIL W/STEEL POSTS  
 Sta 1631+00 to 1632+52 (Modul)  
 Sta 1632+00 to 1631+50 (Modul)  
 Sta 1631+50 to 1632+52 (Modul)

PROPERTY LINE FENCE W/STEEL POSTS  
 Sta 1631+00 to 1632+52  
 Sta 1632+00 to 1631+50

STONE FILL  
 Sta 1631+00 to 1632+52  
 Sta 1632+00 to 1631+50

REMOVAL & DISPOSAL OF EXISTING BRIDGE, ITEM 550  
 1277  
 Sta 1631+00 to 1632+52

PROPERTY LINE FENCE W/STEEL POSTS  
 Sta 1632+00 to 1631+50  
 To be constructed prior to commencement of Interstate construction in this area

PARCEL: 120  
 GRANTOR: CLARENCE A. & EDNA M. BEAM  
 STATIONS: 1637+00-1641+00±  
 TAKING: 0.5A± LA  
 REMAINDER: 3.1A±  
 RIGHTS: SPRING - STA 1636+90± LT  
 TITLE TAKEN: COND O/G/A AGREEMENT (NOT RECORDED)  
 RECORDED: WESTMINSTER-BK 50-PG 147-10/10/61

PARCEL: 121  
 GRANTOR: DANIEL J. & ETHELYN R. BADLEY  
 STATIONS: 1640+94-1644+10±  
 TAKING: 0.7A± LA  
 REMAINDER: 1.3A±  
 TITLE TAKEN: WD 8/10/61  
 RECORDED: WESTMINSTER-BK 50-PG 72-8/10/61  
 RIGHTS: DEMOLITION & REMOVAL OF BUILDINGS, ITEM 566

PARCEL: 122 A, B  
 GRANTOR: JOHN M. JR. & JUNE A. NUSSEMER  
 STATIONS: 1645+39-1652+10± SBL  
 TAKING: 0.7± LA  
 REMAINDER: 2.0A±  
 RIGHTS: TITLE TAKEN: "A" WD 8/15/61 - "B" WD 8/15/61  
 RECORDED: WESTMINSTER-BK 50-PG 78-8/21/61

PARCEL: 122 A  
 STATIONS: 1645+39-1647+94±  
 TAKING: 0.5A± LA

PARCEL: 122 B  
 STATIONS: 1647+40-1653+10± SBL  
 TAKING: 0.5A± LA

PARCEL: 119 C  
 STATIONS: 1639+45-1642+76±  
 TAKING: 0.2A±

PARCEL: 119 B  
 STATIONS: 1642+50-1648+50±  
 TAKING: 0.8A± LA

PARCEL: 123  
 GRANTOR: STANISLAUS P. & HELEN M. SMITH  
 STATIONS: 1645+60-1658+09± SBL  
 TAKING: 6.5A± LA  
 REMAINDER: 3.5A±  
 TITLE TAKEN: COND 10/6/61  
 RECORDED: WESTMINSTER-BK 50-PG 147-10/10/61

PARCEL: 127 A, B  
 GRANTOR: BELA C. & ELSA M. LUND  
 STATIONS: 1651+59-1652+10± SBL  
 TAKING: 1.7A± LA  
 REMAINDER: 23.3 A±

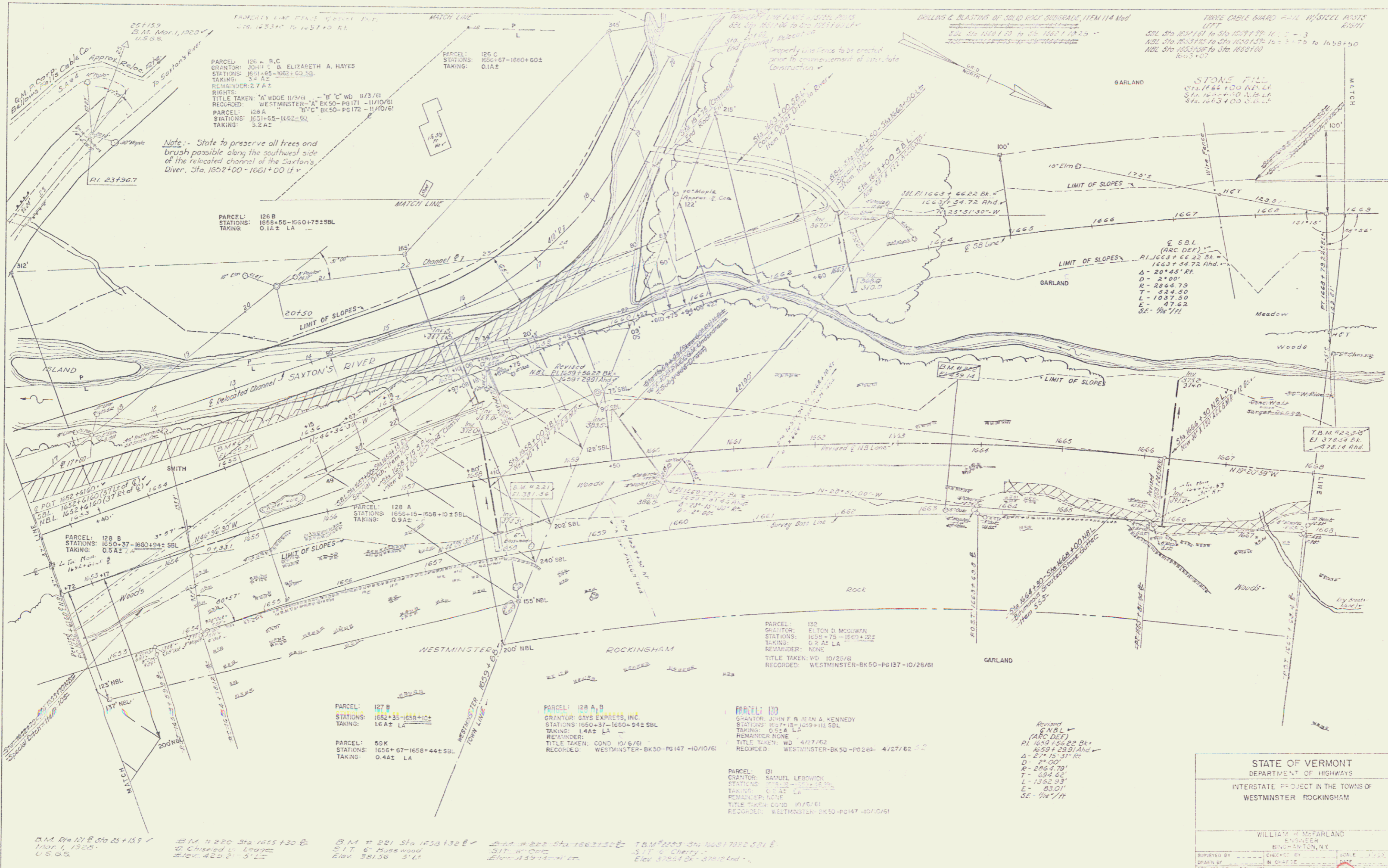
PARCEL: 127 A, B  
 GRANTOR: BELA C. & ELSA M. LUND  
 STATIONS: 1651+59-1652+10± SBL  
 TAKING: 1.7A± LA  
 REMAINDER: 23.3 A±

STATE OF VERMONT  
 DEPARTMENT OF HIGHWAYS  
 INTERSTATE PROJECT IN THE TOWNS OF  
 WESTMINSTER ROCKINGHAM

WILLIAM H. McFARLAND  
 ENGINEER  
 BURLINGTON, N.Y.

SCALE: 1" = 40'

SHEET 15 OF 17



25 F 157  
25th Mar. 1, 1920  
U.S.G.S.

PARCEL: 126 A, B, C  
GRANTOR: JOHN E. & ELIZABETH A. HAYES  
STATIONS: 1651+85-1662+50 SBL  
TAKING: 3.2 A2  
REMAINDER: 2.7 A2  
RIGHTS:  
TITLE TAKEN: "A" WIDE 11/3/61  
RECORDED: WESTMINSTER-BK50-PG171-11/10/61  
PARCEL: 126 A  
STATIONS: 1651+85-1662+50  
TAKING: 3.2 A2

Note: - Site to preserve all trees and brush possible along the southwest side of the relocated channel of the Saxton's River. Sta. 1652+00-1661+00 L.V.

PARCEL: 126 B  
STATIONS: 1658+55-1660+75 SBL  
TAKING: 0.1 E2 LA

PARCEL: 128 B  
STATIONS: 1650+37-1660+94 SBL  
TAKING: 0.5 A2 E2

PARCEL: 127 B  
STATIONS: 1652+35-1658+10 SBL  
TAKING: 1.6 A2 LA

PARCEL: 50 K  
STATIONS: 1656+07-1658+44 SBL  
TAKING: 0.4 A2 LA

PARCEL: 128 A, D  
GRANTOR: GAYS EXPRESS, INC.  
STATIONS: 1650+37-1660+04 SBL  
TAKING: 1.4 A2 LA  
REMAINDER: NONE  
TITLE TAKEN: COND 10/6/61  
RECORDED: WESTMINSTER-BK50-PG147-10/10/61

PARCEL: 130  
GRANTOR: JOHN F. & HEAN A. KENNEDY  
STATIONS: 1657+18-1669+16 SBL  
TAKING: 0.5 A2 LA  
REMAINDER: NONE  
TITLE TAKEN: WD 4/27/62  
RECORDED: WESTMINSTER-BK50-PG266-4/27/62

PARCEL: 131  
GRANTOR: SAMUEL LEBOWITZ  
STATIONS: 1658+78-1660+22 SBL  
TAKING: 0.2 A2 LA  
REMAINDER: NONE  
TITLE TAKEN: COND 10/6/61  
RECORDED: WESTMINSTER-BK50-PG147-10/10/61

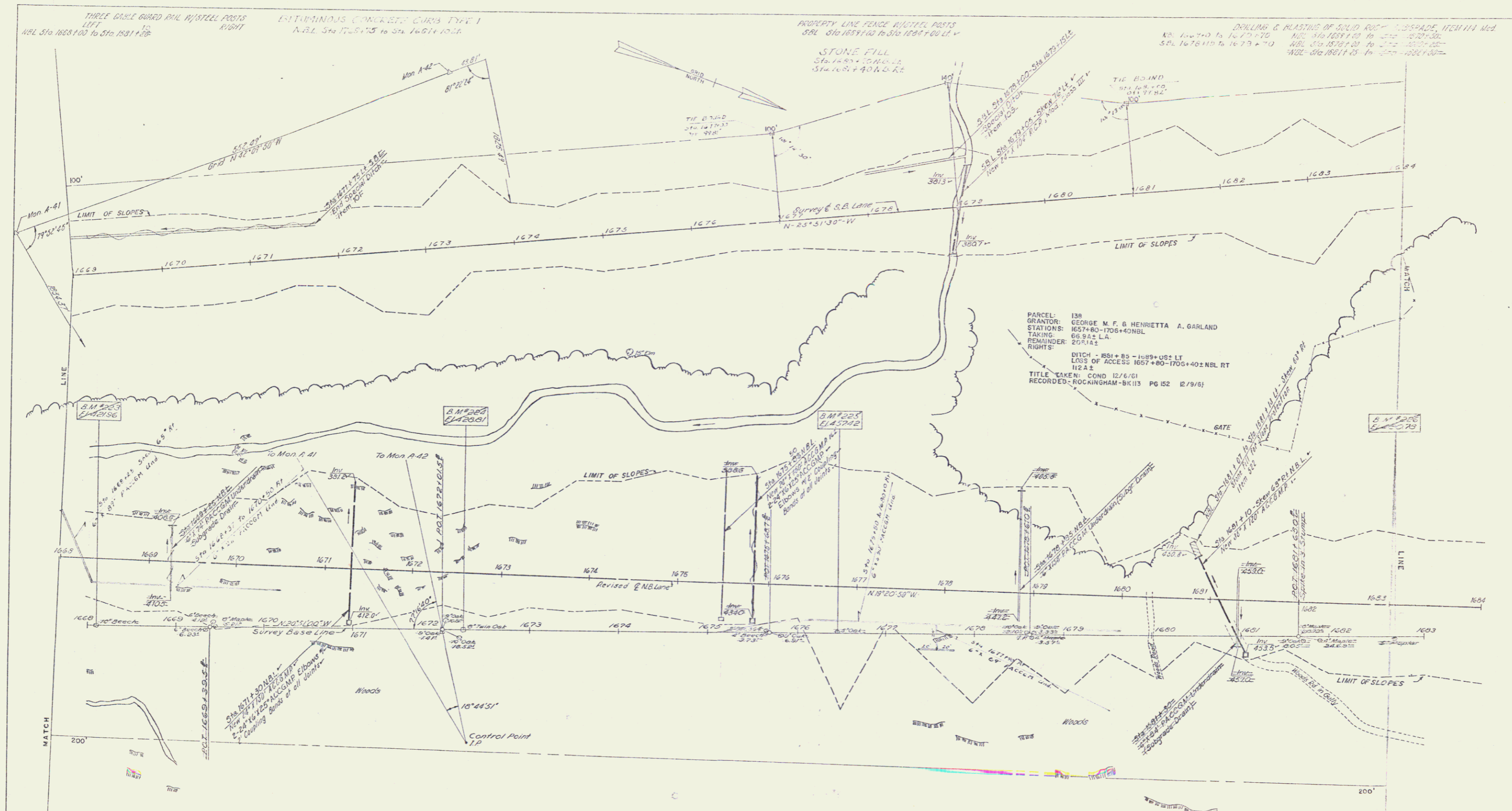
Revised  
S.N.B.L.  
(ARC DEF)  
PL 1659+22.22 Dk+  
1659+23.91 And  
4-27-15/31' R2  
D- 0' 00.00' RT  
R- 266.79'  
T- 684.95'  
L- 1362.93'  
E- 83.01'  
SE- 1/4th

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS  
INTERSTATE PROJECT IN THE TOWNS OF  
WESTMINSTER ROCKINGHAM

WILLIAM H. McFARLAND  
ENGINEER  
BINGHAMTON, N.Y.

DRAWN BY: [ ]  
CHECKED BY: [ ]  
IN CHARGE: [ ]  
SCALE: [ ]  
SHEET 110 OF 176

B.M. # 212 Sta 1652+15.9  
Mar. 1, 1920  
U.S.G.S.  
B.M. # 220 Sta 1655+30 E  
22 Chaswood  
Elev. 485.31-511.2  
B.M. # 221 Sta 1656+32 E  
S 17° 0' 00" W  
Elev. 381.59  
B.M. # 222 Sta 1662+30 E  
S 17° 0' 00" W  
Elev. 389.14-411.2  
B.M. # 223 Sta 1661+30 E  
S 17° 0' 00" W  
Elev. 384.08-381.04



THREE GABLE GUARD RAIL W/STEEL POSTS  
LEFT  
NBL Sta 1668+00 to Sta 1681+50

ENTUMINOUS CONCRETE CURB TYPE 1  
NBL Sta 1668+00 to Sta 1681+50

PROPERTY LINE FENCE W/STEEL POSTS  
SBL Sta 1681+00 to Sta 1684+00 LT

ROLLING & BLASTING OF SOLID ROCK - ASPHALT, NEW 1/4 MI.  
NBL Sta 1681+00 to Sta 1684+00  
SBL Sta 1678+00 to Sta 1679+70  
NBL Sta 1678+00 to Sta 1681+50  
SBL Sta 1681+00 to Sta 1684+00

STONE FILL  
Sta 1681+00 to Sta 1684+00  
Sta 1681+00 to Sta 1684+00

PARCEL 138  
GRANTOR: GEORGE M. F. & HENRIETTA A. GARLAND  
STATIONS: 1657+80-1706+40 NBL  
TAKING: 66 S&L L.A.  
REMAINING: 20 R.I.A.  
RIGHTS:  
DITCH - 1651+85 - 1689+08 LT  
LOSS OF ACCESS 1657+80-1706+40 NBL RT  
112 A.1  
TITLE TAKEN: COND 12/6/61  
RECORDED: ROCKINGHAM-BK113 PG 152 D/9/61

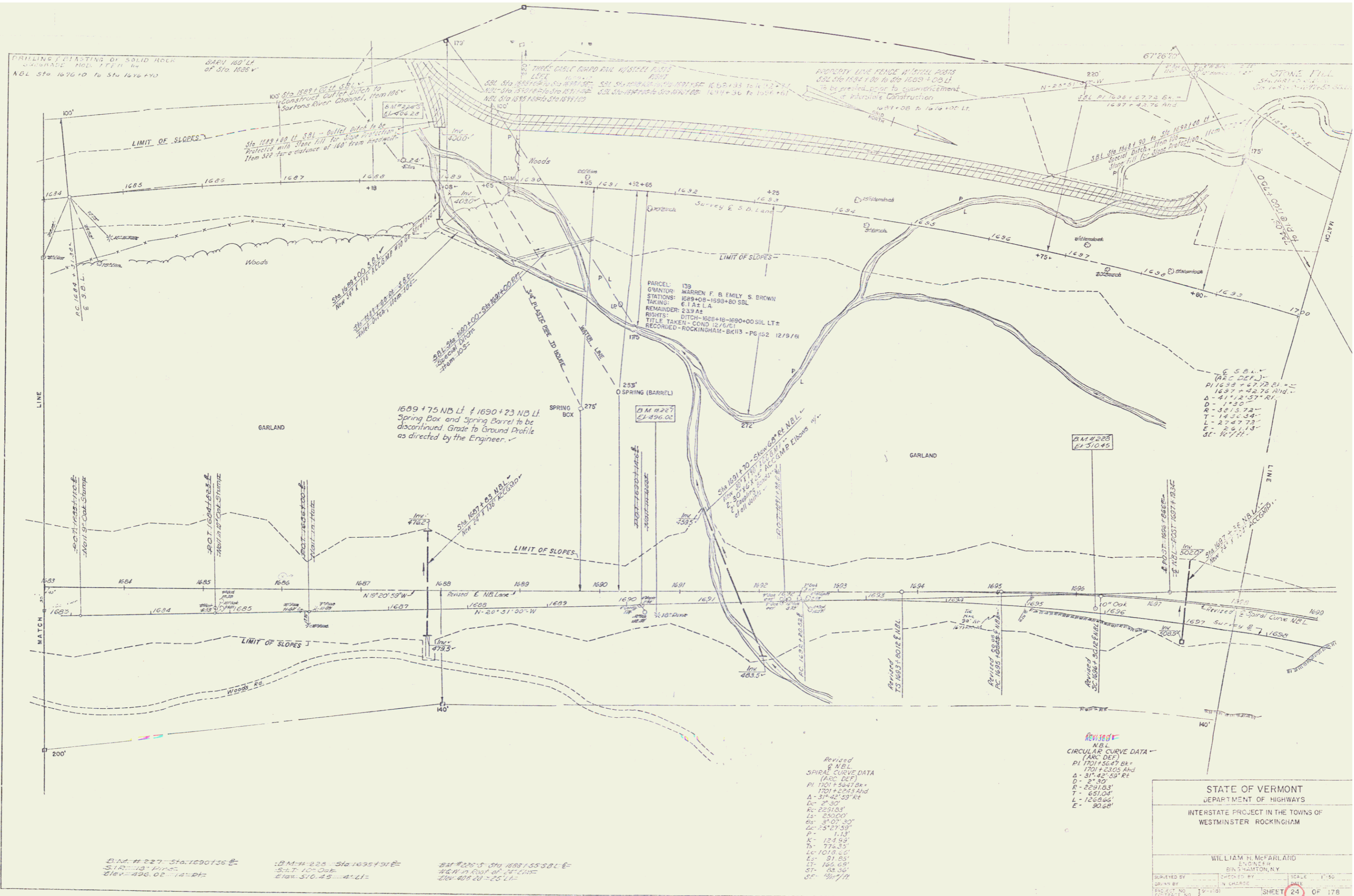
BM#203 Sta 1668+00  
Elev 420.01 - On G  
BM#204 Sta 1670+00  
Elev 420.01 - On G  
BM#205 Sta 1676+00  
Elev 422.24 - On G  
BM#206 Sta 1682+00  
Elev 420.15 - On G

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS  
INTERSTATE PROJECT IN THE TOWNS OF  
WESTMINSTER ROCKINGHAM

WILLIAM H. McFARLAND  
ENGINEER  
B. V. - ANTONY, N.Y.

SCALE: 1" = 40'

SHEET 21 OF 178



DRILLING & BLASTING OF SOLID ROCK  
SURFACE MOD. 1' PER 100'  
N.B.L. Sta 1676+10 to Sta 1676+70

SARY 100' LT  
OF STA. 1686+0

100' STA 1688+00 N.B.L. - Dotted Line to be  
constructed cut of ditch to  
Surtons River Channel, from 100'  
8 1/2" x 2 1/2" x 2 1/2"

THREE CORNERS ROAD R/W N.B.L. 100' LT  
SBL Sta 1687+00 to 1687+00  
N.B.L. Sta 1687+00 to 1687+00  
SBL Sta 1687+00 to 1687+00

PROPERTY LINE FENCE WITHIN 200'  
SBL Sta 1684+00 to 1684+00  
to be provided prior to commencement  
of intensive construction

STONE WALL  
SBL Sta 1684+00 to 1684+00

PARCEL: 139  
GRANTOR: WARREN F. & EMILY S. BROWN  
STATIONS: 1689+08-1690+80 SBL  
TAKING: E.T. AT L.A.  
REMAINDER: 633.42  
RIGHTS: DITCH-1688+10-1690+00 SBL LT  
TITLE TAKEN: COND 12/16/67  
RECORDED: ROCKINGHAM-BK113-PG 152 12/19/68

1689+75 N.B.L. & 1690+23 N.B.L.  
Spring Box and Spring Barrel to be  
discontinued. Grade to Ground Profile  
as directed by the Engineer.

E.S.B.L.  
(ARC DEF.) -  
PI 1688+67.72 BE+  
D - 41' 23" 37" RI  
D - 1' 23" 20"  
T - 14' 34" 34"  
L - 2' 47" 32"  
E - 26' 13"  
S - 10' 11"

Revised  
N.B.L.  
SPIRAL CURVE DATA  
(ARC DEF.)  
PI 1701+54.47 BE+  
1701+54.47 BE+  
D - 31' 42" 53" RI  
D - 2' 30"  
R - 2291.03'  
T - 651.04'  
L - 165.96'  
E - 30.28'

Revised  
N.B.L.  
CIRCULAR CURVE DATA  
(ARC DEF.)  
PI 1701+54.47 BE+  
1701+54.47 BE+  
D - 31' 42" 53" RI  
D - 2' 30"  
R - 2291.03'  
T - 651.04'  
L - 165.96'  
E - 30.28'

D.M. # 227 - Sta 1680+36 E -  
S.I.R. 118 - 1' PER 100'  
Elev - 496.02 - 14' PI

D.M. # 228 - Sta 1695+31 E -  
S.I.R. 120 - 1' PER 100'  
Elev - 510.45 - 4' PI

D.M. # 229 - Sta 1688+55 SBL E -  
S.I.R. 120 - 1' PER 100'  
Elev - 408.21 - 25' LT

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS  
INTERSTATE PROJECT IN THE TOWNS OF  
WESTMINSTER ROCKINGHAM

WILLIAM H. McFARLAND  
ENGINEER  
BURLINGTON, N.Y.

SURVEYED BY: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_ SCALE: 1" = 50'  
DRAWN BY: N. GARDNER  
SHEET 24 OF 178

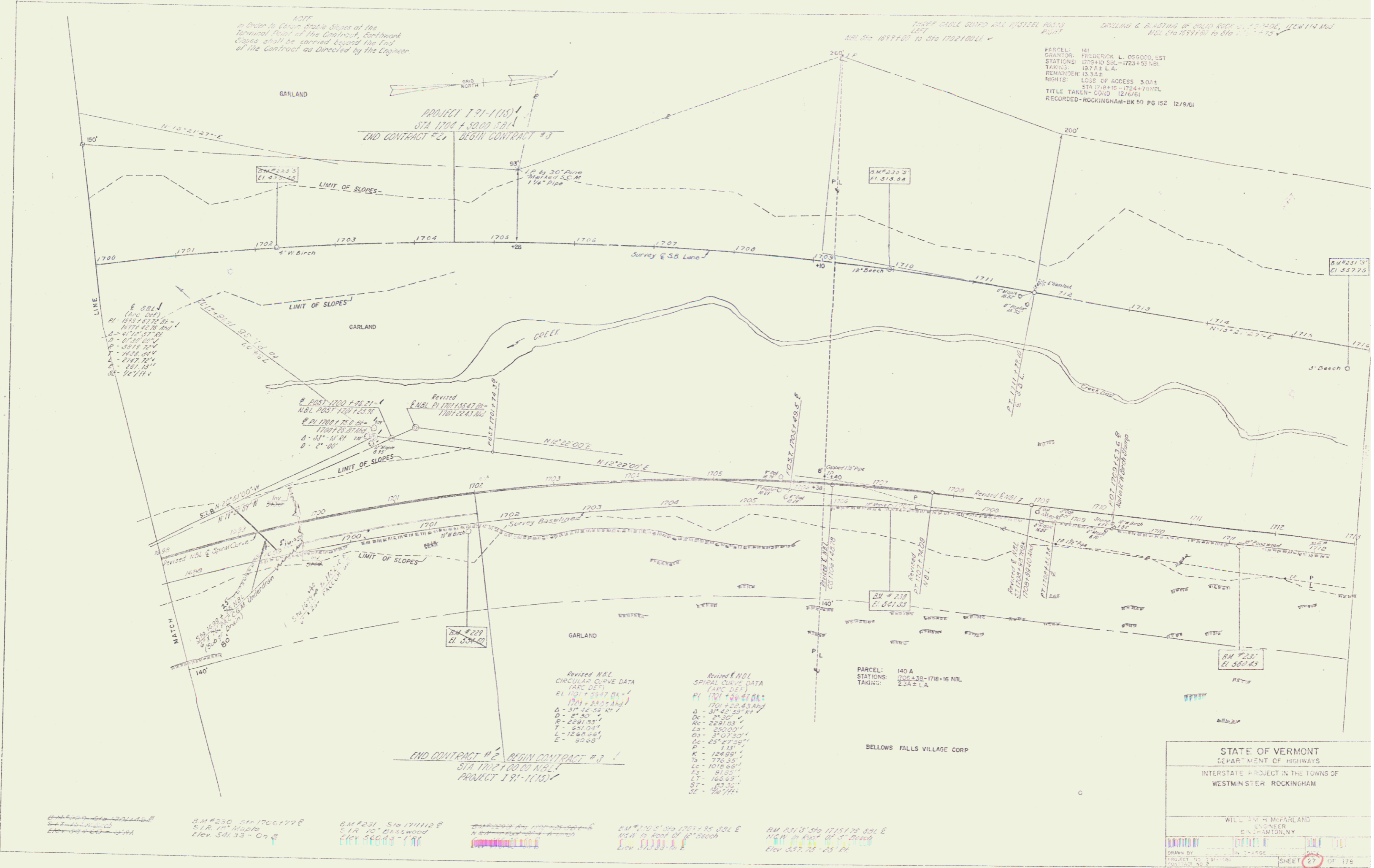
NOTE  
In Order to Obtain Stable Slopes at the  
Terminal Point of the Contract, Earthwork  
Cuts shall be carried beyond the End  
of the Contract as Directed by the Engineer.

THREE GARLAND WIRE POSTS  
LEFT  
NBL Sta 1707+00 to Sta 1708+00

DRILLING & BASTING OF SOLID ROCK TO BE MADE, ITEM 114 AND  
NBL Sta 1707+00 to Sta 1708+00

PARCEL: 141  
GRAND: FREDERICK, L. 056000, EST  
STATIONS: 1705+00 SBL - 1723+50 NBL  
TAKING: 1377 & L.A.  
REMARKS: 13.3 & 2  
RIGHTS: LOSS OF ACCESS 3.0 & 4  
STA 1708+16 - 1724+78 NBL  
TITLE TAKEN: COND. 12/6/61  
RECORDED - ROCKINGHAM - BK 59 PG 152 12/8/61

PROJECT I 91-1(115)  
STA 1706+50.00 SBL  
END CONTRACT #2 BEGIN CONTRACT #3



Revised NBL  
CIRCULAR CURVE DATA  
(ARC DET.)  
RL 100+00  
D - 37' 42" 55' 21"  
E - 40' 28'

Revised ENDL  
SPIRAL CURVE DATA  
(ARC DET.)  
PI 100+00  
D - 21' 30"  
E - 22' 00"  
L - 250' 00"  
S - 25' 00"  
K - 126.93'  
Lc - 1018.66'  
Ls - 91.55'  
Lr - 166.59'  
ST - 23.30'  
SE - 96' 7 1/4"

PARCEL: 140 A  
STATIONS: 1706+38 - 1716+16 NBL  
TAKING: 23A = L.A.

END CONTRACT #2 BEGIN CONTRACT #3  
STA 1707+00.00 NBL  
PROJECT I 91-1(115)

BM #230 Sta 1706+778  
S.R. 10" Maple  
Elev 581.33 - On G

BM #231 Sta 1711+12  
S.R. 10" Basswood  
Elev 580.9 - On G

BM #232 Sta 1707+75  
SBL E  
NBL in Post of 12" Beech  
Elev 583.0 - On G

BM #219 Sta 1715+75  
SBL E  
NBL in Post of 12" Beech  
Elev 587.28 - On G

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS  
INTERSTATE PROJECT IN THE TOWNS OF  
WESTMINSTER ROCKINGHAM

WILLIAM H. MCKEAN  
ENGINEER  
EN 5-007001NY

DESIGNED BY: [Signature]  
PROJECT NO. 91-1(115)  
SHEET 27 OF 178

SHEET NO. INDEX OF SHEETS

1	TITLE PAGE
2-4	TYPICAL SECTIONS AND DETAILS (3" BITUMINOUS CONCRETE PAVEMENT, ITEM 361-B, MOD.)
5-6	QUANTITY SHEETS, ITEMS
7-8	QUANTITY SHEETS, DRAINAGE
9-13	GRADE AND EARTHWORK SHEETS
14	EARTHWORK SUMMARY
15-31	PLAN AND PROFILE SHEETS
32-35	BELLOWS FALLS PIPE GALLERY AND WATER SUPPLY FACILITIES
36	TRAFFIC SIGN LOCATION PLAN
37	TRAFFIC SIGNS, DESIGN AND CONSTRUCTION DETAILS, SUMMARY AND GENERAL NOTES
38-47	DARBY HILL ROAD STRUCTURES
48	SCB-D-60 DETAILS OF WF BEAM BRIDGES
49	SCB-30-60 3B ROADWAY WF BEAM BRIDGES
50	SB-5G-6C BRIDGE RAILING AND BRIDGE (2 SHEETS) CURB (2 SHEETS)
51	SB-20-60 CONSTRUCTION DETAILS FOR WF BRIDGES
52	SB-22-60 DETAILS OF EXPANSION JOINT OVER PIERS AND ABUTMENTS
53	A-61 DRILLING AND BLASTING OF SOLID ROCK
54	B-1 BANKING TABLES
55	B-5 TYPICAL SLOPE GRADING
56	B-6 MUCK EXCAVATION
57	D-13 DRIVEWAY DETAILS
58	B-17 DETAIL OF GUARD RAIL IN MEDIAN, SAFETY TURNOUT AND U-TURN
59	C-1 CURBS
60	D-1 PRECAST R.C.P. DROP INLETS AND CATCH BASINS
61	D-2 HEADWALLS AND UNDERDRAIN
62	D-3 GUTTERS
63	D-4 PLATE PIPE, PIPE ELBOWS, FLUSHING BASINS AND METAL END SECTIONS
64	D-5 REINFORCED CONCRETE DROP INLETS
65	D-10 TOP FOR A DROP INLET
66	D-11 GATES AND COVERS FOR DROP INLETS
66-A	D-13 CONCRETE CATCH BASINS
67	E-1 BARRICADES, SIGNS AND LIGHTS (ROADWAY)
68	F-3 REGULATORY SIGNS
69	E-4 ROUTE MARKERS AND AUXILIARY MARKERS
70	F-5 SIGN POST FOOTINGS
71	F-7 STANDARD SIGN PLACEMENT
72	E-8 DELINEATORS
73	E-9 CONSTRUCTION IDENTIFICATION SIGNS
74	F-1 PROPERTY LINE FENCE
75	G-1 STEEL BEAM GUARD RAIL
76	G-2a TWO CABLE GUARD RAIL
77	G-3 THREE CABLE GUARD RAIL
78	G-4 MARKER POSTS AND GUIDE POSTS
79	J-1 PROJECT MARKERS AND BOUNDARY MARKERS
79A	J-4 FIELD OFFICE DETAILS
80-187	CROSS-SECTIONS

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT  
INTERSTATE PROJECT IN THE TOWNS OF  
WESTMINSTER - ROCKINGHAM  
COUNTY OF WINDHAM

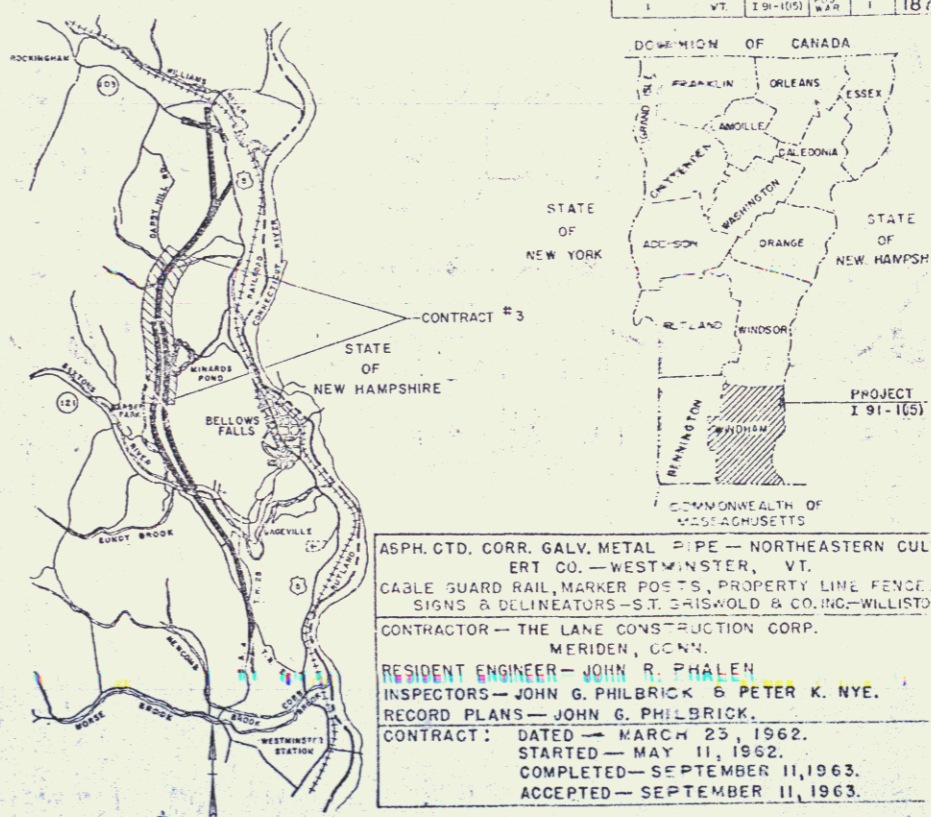
PROJECT NO. 1-91-1(15)  
CONTRACT NO. 3  
Interstate Route I 91

PROJECT NAME & NUMBER	TYP.	PAVEMENT AREA
WESTMINSTER - ROCKINGHAM	1-91-1(15)	BITUMINOUS 22,419 S.Y.
Cont. No. 3 CONCRETE PAVT.		
RECORD PLANS		
MATERIALS		
SUBBASE OF GRAVEL - GRISWOLD PIT & GARLAND PIT - ROCKINGHAM, VT.		
SUBBASE OF SAND - GRISWOLD PIT - ROCKINGHAM, VT.		
CRUSHED STONE BASE COURSE - CALEDONIA SAND & GRAVEL CO. INC. TOWN QUARRY - ROCKINGHAM, VT.		
STONE GRITS - PERINI CRUSHER - WESTMINSTER, VT.		
REFINED TAR - WITCO CHEMICAL CO. - WORCESTER, MASS.		
ASPHALT - MOBIL OIL CO. - E. PROVIDENCE, R.I.		
BITUMINOUS CONCRETE - L.M. PIKE & SON INC. - LACONIA, N.H.		
CONCRETE CLASS "B" - CHARLESTOWN READY MIX INC. - CHARLESTOWN, N.H.		
REINFORCING STEEL - BETHLEHEM STEEL CORP. - BETHLEHEM, PA.		
STRUCTURAL STEEL - REPUBLIC STEEL CORP. - CLEVELAND, OHIO.		
VT. STRUCTURAL STEEL CORP. - BURLINGTON, VT.		
REIN. CONC. PIPE - MARTIN MARIETTA CO. - WINDSOR, VT.		

BEGINNING 0.825 MILES NORTH OF THE WESTMINSTER-ROCKINGHAM TOWN LINE AT STATION N.B.L. 1702+00' AND CONTINUING IN A NORTHERLY DIRECTION 1.592 MILES TO STATION 1765+00'

LENGTH OF ROADWAY = 829929 FEET = 1572 MILES  
LENGTH OF BRIDGE = 10800 FEET = 0.020  
LENGTH OF CONTRACT = 840729 FEET = 1.592

DESIGN DESIGNATION  
ADT - 1960 = 2280  
ADT - 1975 = 5060  
DIV - 1975 = 715  
T - 7%  
D - 54%  
V - (70)MPH



LEGEND X DESIGNATES ACCESS POINTS

RIGHT-OF-WAY and Construction Plans

POOR ORIGINAL COPY

CURVE DATA	
DEFLECTION OF ANGLE	A
DEGREE OF CURVE	D
RADIUS OF CURVE	R
TANGENT DISTANCE	T
LENGTH OF CURVE	L
EXTERNAL DISTANCE	E
POINT OF INTERSECTION	PI
POINT OF CURVE	PC
POINT OF TANGENT	PT
POINT ON TANGENT	POST
POINT ON SUB-TANGENT	POST

SCALES  
TITLE 1" = 1000'  
TYPICALS AS NOTED  
PLAN 1" = 50'  
PROFILE HORIZONTAL 1" = 50'  
VERTICAL 1" = 10'  
CROSS-SECTIONS HOR. 1" = 10'  
VERT. 1" = 10'

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 1956 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

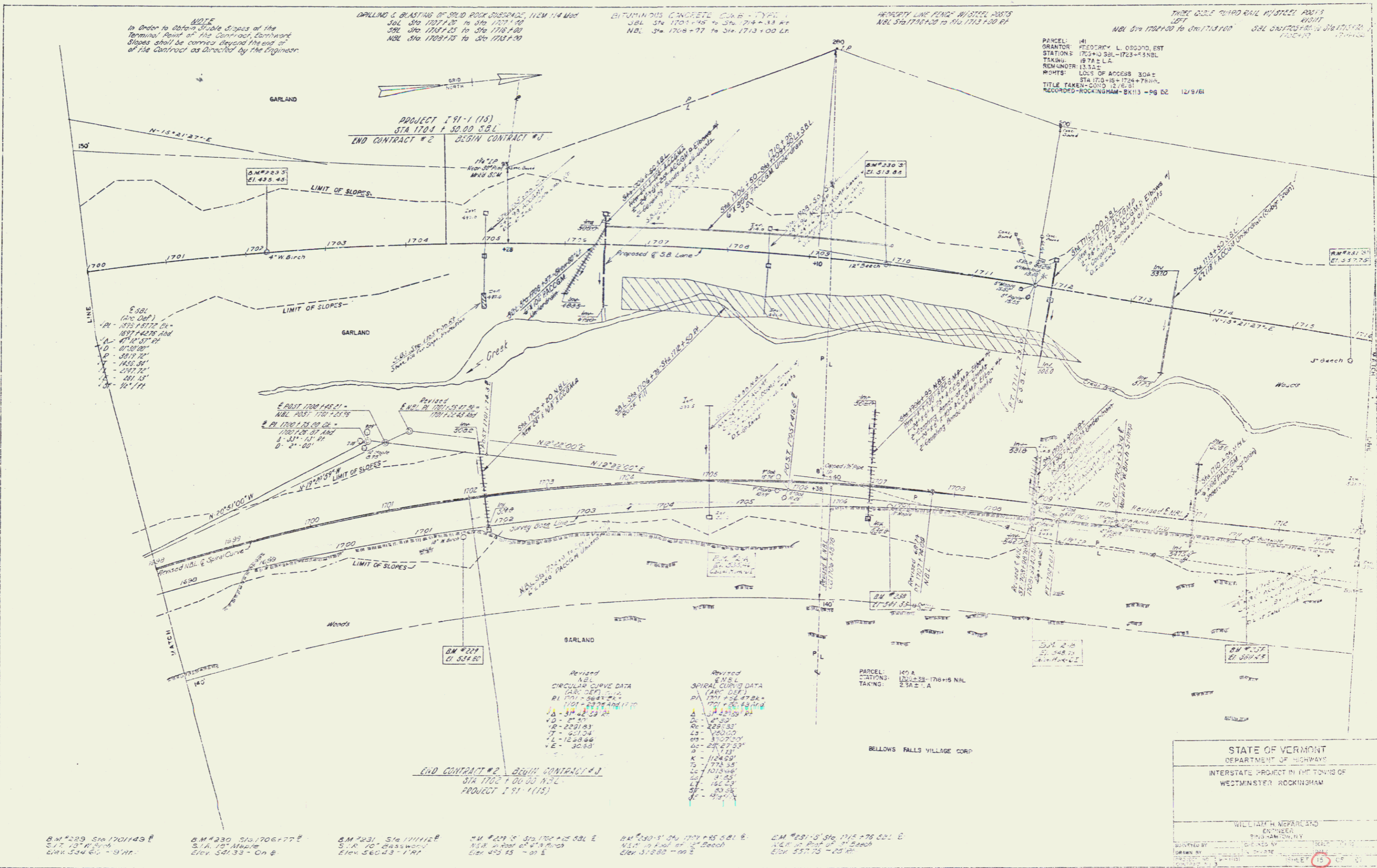
APPROVED: [Signature] CHIEF ENGINEER  
DATE: [Date]

APPROVED: [Signature] DISTRICT ENGINEER  
DATE: [Date]

APPROVED: [Signature] SUPERVISOR  
DATE: [Date]

APPROVED: [Signature] CHIEF BRIDGE ENGINEER  
DATE: [Date]

PROJECT NO. 1-91-1(15)  
CONTRACT NO. 3  
SHEET 1 OF 187 SHEETS



NOTE  
In order to obtain stable slopes of the  
Terminal Point of the Contract, Earthwork  
slopes shall be carried beyond the end of  
of the Contract as directed by the Engineer.

DRILLING & BLASTING OF SAND ROCK SUBGRADE, 112M 1/4 Mod  
SBL Sta 1707+25 to Sta 1707+40  
SBL Sta 1708+25 to Sta 1710+00  
NBL Sta 1708+75 to Sta 1710+00

BITUMINOUS CONCRETE, CLASS TYPE 1  
SBL Sta 1708+00 to Sta 1708+15 ft  
NBL Sta 1708+00 to Sta 1710+00 ft

HEAVY LINE FENC' W/STEEL POSTS  
NBL Sta 1708+00 to Sta 1710+00 ft

THREE GLE BOARD RAIL W/STEEL POSTS  
LEFT  
NBL Sta 1708+00 to Sta 1710+00 ft  
RIGHT  
SBL Sta 1708+00 to Sta 1710+00 ft

PARCEL: 41  
GRANTOR: FREDERICK L. OSBORN, EST  
STATION: 1703+00 SBL-1703+00 NBL  
TAKING: 8 7/8 ± L.A.  
REMANDED: 13.3 ± L.A.  
RIGHTS: LOSS OF ACCESS 30 ± L.A.  
TITLE TAKEN: 1703+00 to 1704+00  
RECORDED: ROCKINGHAM-BX113 -Pg 02 12/9/61

PROJECT I 91-1 (15)  
STA 1704 + 50.00 S.B.L.  
END CONTRACT #2 BEGIN CONTRACT #3

END CONTRACT #2 BEGIN CONTRACT #3  
STA 1702 + 00.00 S.B.L.  
PROJECT I 91-1 (15)

Revised  
NBL  
CIRCULAR CURVE DATA  
(ARC DEF)  
PI 1701 + 36.47  
PI 1701 + 36.47  
PI 1701 + 36.47  
A - 31' 43.32'  
R - 2231.83'  
T - 621.04'  
L - 1238.66'  
E - 30.83'

Revised  
SBL  
SPIRAL CURVE DATA  
(ARC DEF)  
PI 1701 + 36.47  
PI 1701 + 36.47  
PI 1701 + 36.47  
A - 31' 43.32'  
R - 2231.83'  
T - 621.04'  
L - 1238.66'  
E - 30.83'

PARCEL: 140 A  
TAKING: 1702+00-1706+15 NBL  
2.34 ± L.A.

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS  
INTERSTATE PROJECT IN THE TOWNS OF  
WESTMINSTER ROCKINGHAM

WILLIAM H. NEPARKO  
ENGINEER  
BURLINGTON  
DRAWN BY: [Signature]  
CHECKED BY: [Signature]  
DATE: [Signature]  
SCALE: 1" = 40'

BM #229 Sta 1701+49 E  
S.I.R. 13" Birch  
Elev. 334.65 - 9' H.P.

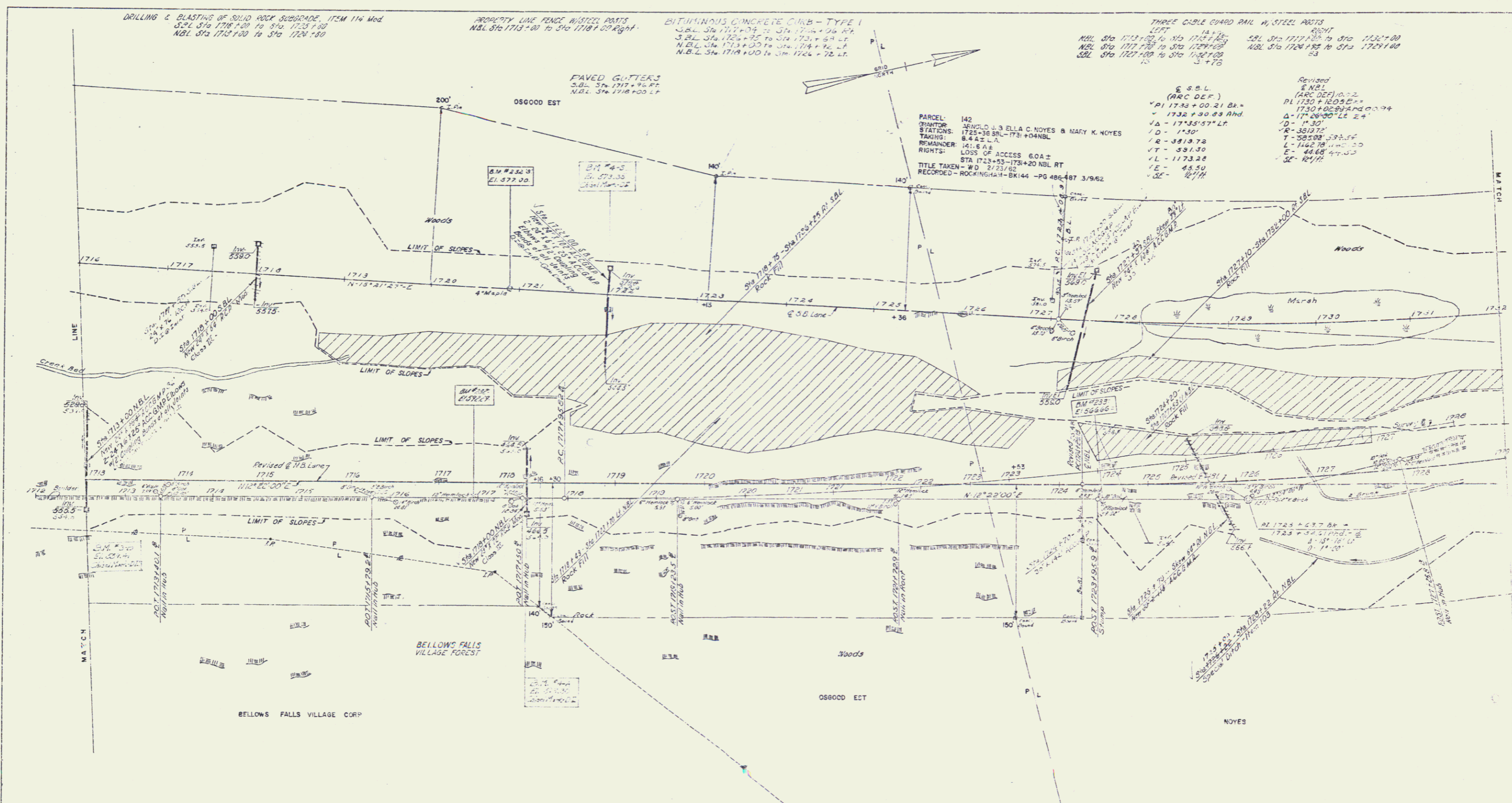
BM #230 Sta 1706+77 E  
S.I.R. 12" Maple  
Elev. 341.33 - On E

BM #231 Sta 1711+12 E  
S.I.R. 10" Basswood  
Elev. 360.43 - 1' H.P.

BM #227 Sta 1702+00 SBL E  
NBL in Post of 12" Birch  
Elev. 425.45 - on E

BM #230-1 Sta 1707+45 SBL E  
NBL in Post of 12" Birch  
Elev. 315.80 - on E

BM #231-5 Sta 1715+76 SBL E  
NBL in Post of 12" Birch  
Elev. 537.75 - 25' H.P.



DRILLING & BLASTING OF SOUND ROOF SUBGRADE, ITEM 114 Mod  
 SBL Sta 1718+00 to Sta 1723+00  
 NBL Sta 1713+00 to Sta 1720+00

PROPERTY LINE FENCE W/STEEL PASTS  
 NBL Sta 1713+00 to Sta 1718+00 Right

BITUMINOUS CONCRETE CURB - TYPE I  
 SBL Sta 1717+04 to Sta 1720+00 R/L  
 SBL Sta 1723+00 to Sta 1725+00 L/R  
 NBL Sta 1713+00 to Sta 1714+00 L/R  
 N.B.L. Sta 1718+00 to Sta 1724+00 L/R

THREE CABLE GUARD RAIL W/ STEEL PASTS  
 LEFT  
 NBL Sta 1713+00 to Sta 1714+00  
 NBL Sta 1717+00 to Sta 1720+00  
 SBL Sta 1727+00 to Sta 1728+00

PAVED GUTTERS  
 S.B. Sta 1717+00 RT  
 NBL Sta 1718+00 LT

PARCEL 142  
 GRANTEE: MENLO & ELLA C NOYES & MARY K. NOYES  
 STATIONS: 1725+36 SBL-1731+04 NBL  
 TAXES: 8.442 L.A.  
 REMAINDER: 141.6 A.  
 RIGHTS: LOSS OF ACCESS 6.0A ±  
 STA 1723+00-1728+20 NBL RT  
 TITLE TAKEN - WD 2/23/65  
 RECORDED - ROCKINGHAM - BK144 - PG 486-487 3/9/62

Revised  
 & NB1  
 (ARC DEF) 10.22  
 PL 1730+00 SBL  
 1730+00 SBL  
 Δ = 17° 30' 00" L  
 D = 11.30'  
 R = 3510.75'  
 T = 355.98'  
 L = 146.78' (ARC DEF)  
 E = 44.68'  
 SE = 10.11'

B.M. #232 Sta 1716+94 B  
 Elev 555.29 - 214

B.M. #233 Sta 1724+00 B  
 Elev 556.50 - Approx on 2

B.M. #234 Sta 1720+00 SBL E  
 Elev 577.00 on 2

STATE OF VERMONT  
 DEPARTMENT OF HIGHWAYS  
 INTERSTATE PROJECT IN THE TOWNS OF  
 WESTMINSTER ROCKINGHAM

WILLIAM H. MCFARLAND  
 ENGINEER  
 BINGHAMTON, N.Y.

DESIGNED BY: [Signature]  
 DRAWN BY: [Signature]  
 CHECKED BY: [Signature]  
 CONTRACT NO. 3 SHEET 18 OF 147

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 114 Mod.  
 SBL STA 1734+1.55 TO STA 1743+1.00  
 NBL STA 1734+1.45 TO STA 1739+1.00  
 NBL STA 1737+1.25 TO STA 1744+1.00

Q S.B.L.  
 (ARC DEF.)  
 PI 1733+1.00 21.84'  
 R - 1732+90.89 Rhd.  
 Δ - 17°35'37" Lt.  
 D - 1730'  
 R - 3019.72  
 T - 391.30  
 L - 11793.28  
 E - 45.50  
 SE - 12' 11"

Revised  
 S.B.L.  
 (ARC DEF.)  
 PI 1730+1.00 21.84'  
 R - 1730+100.89 Rhd.  
 Δ - 17°26'30" Lt.  
 D - 1730'  
 R - 3019.72  
 T - 391.30  
 L - 11793.28  
 E - 45.50  
 SE - 12' 11"

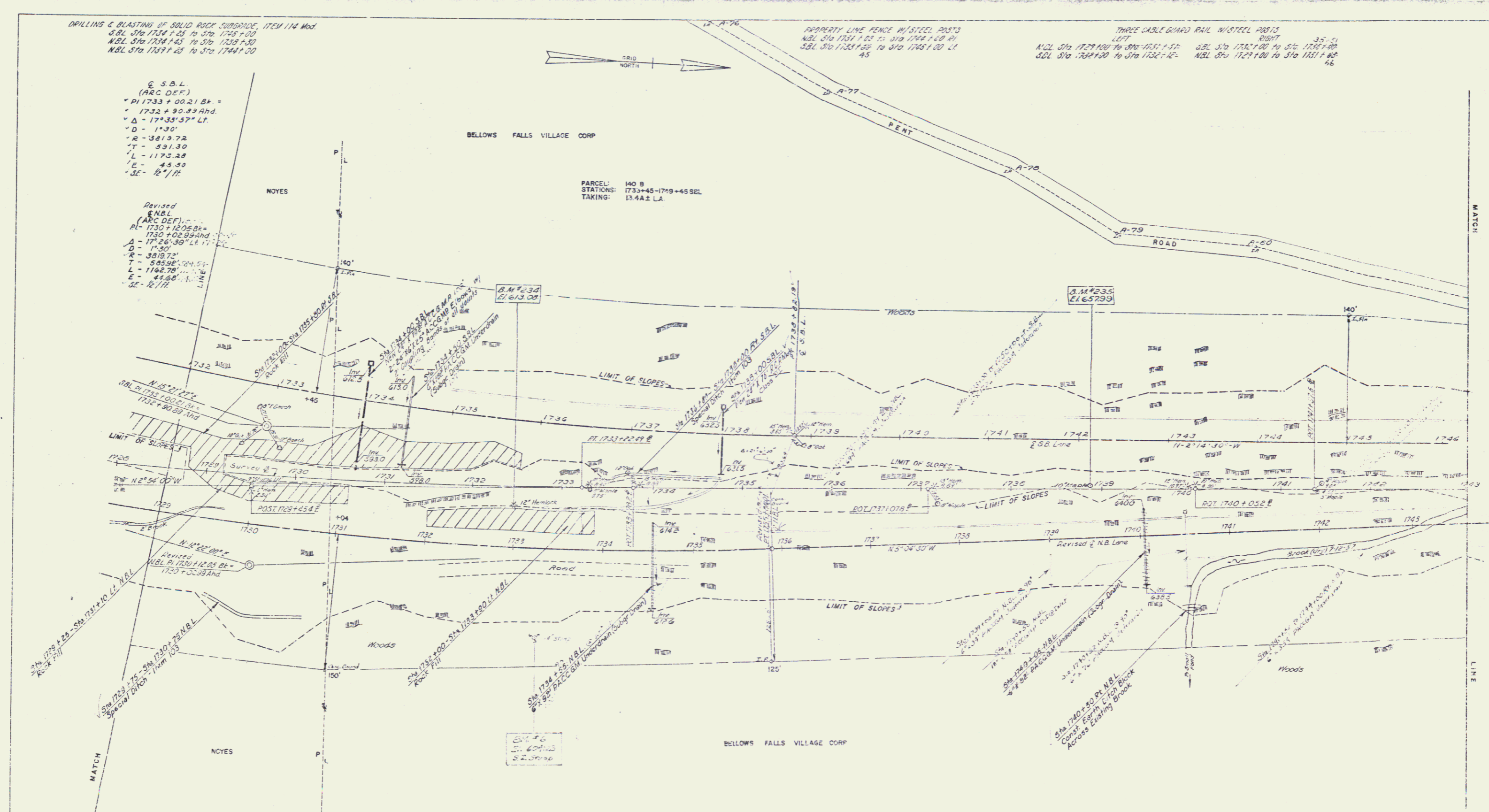


BELLOWS FALLS VILLAGE CORP

PARCEL: 140 B  
 STATIONS: 1733+45-1749+45 SBL  
 TAKING: 13.44 ± LA

PROPERTY LINE FENCE W/ STEEL POSTS  
 NBL STA 1731+1.55 TO STA 1744+1.00 PL  
 SBL STA 1731+1.55 TO STA 1744+1.00 PL

THREE CABLE GUARD RAIL W/ STEEL POSTS  
 LEFT RIGHT 35'-5"  
 NBL STA 1729+1.00 TO STA 1731+1.55 SBL STA 1731+1.55 TO STA 1744+1.00  
 SBL STA 1729+1.00 TO STA 1731+1.55 NBL STA 1731+1.55 TO STA 1744+1.00

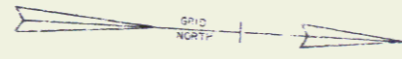


3.M #294 STA 1732+1.42 ±  
 S/T 12' NOMICK  
 Elev 617.05 ± 20"RA

3.M #235 STA 1738+1.55 ±  
 S/T 10' Maple  
 Elev 659.95 ± 31"

STATE OF VERMONT	
DEPARTMENT OF HIGHWAYS	
INTERSTATE PROJECT IN THE TOWNS OF WESTMINSTER ROORINGHAM	
WILLIAM H. MERRILL AND ASSOCIATES, INC. PLANNING/ENGINEERING	
DESIGNED BY: [Signature]	CHECKED BY: [Signature]
DRAWN BY: [Signature]	DATE: 10/1/99
PROJECT NO. 99-001	SHEET 51 OF 127

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, 115M H&M  
 S&L Sta 1745+00 to Sta 1747+00  
 N&L Sta 1744+00 to Sta 1747+00 RL  
 Sta 1744+71 And to Sta 1744+00



PROPERTY LINE FENCE W/STEEL POSTS  
 N&L Sta 1744+00 to Sta 1747+00 RL  
 S&L Sta 1744+00 to Sta 1747+00 RL  
 To be erected in the vicinity of the  
 pipe gallery at the approximate  
 location shown on plan sheet No. 24  
 of 187 or as directed by the  
 engineer

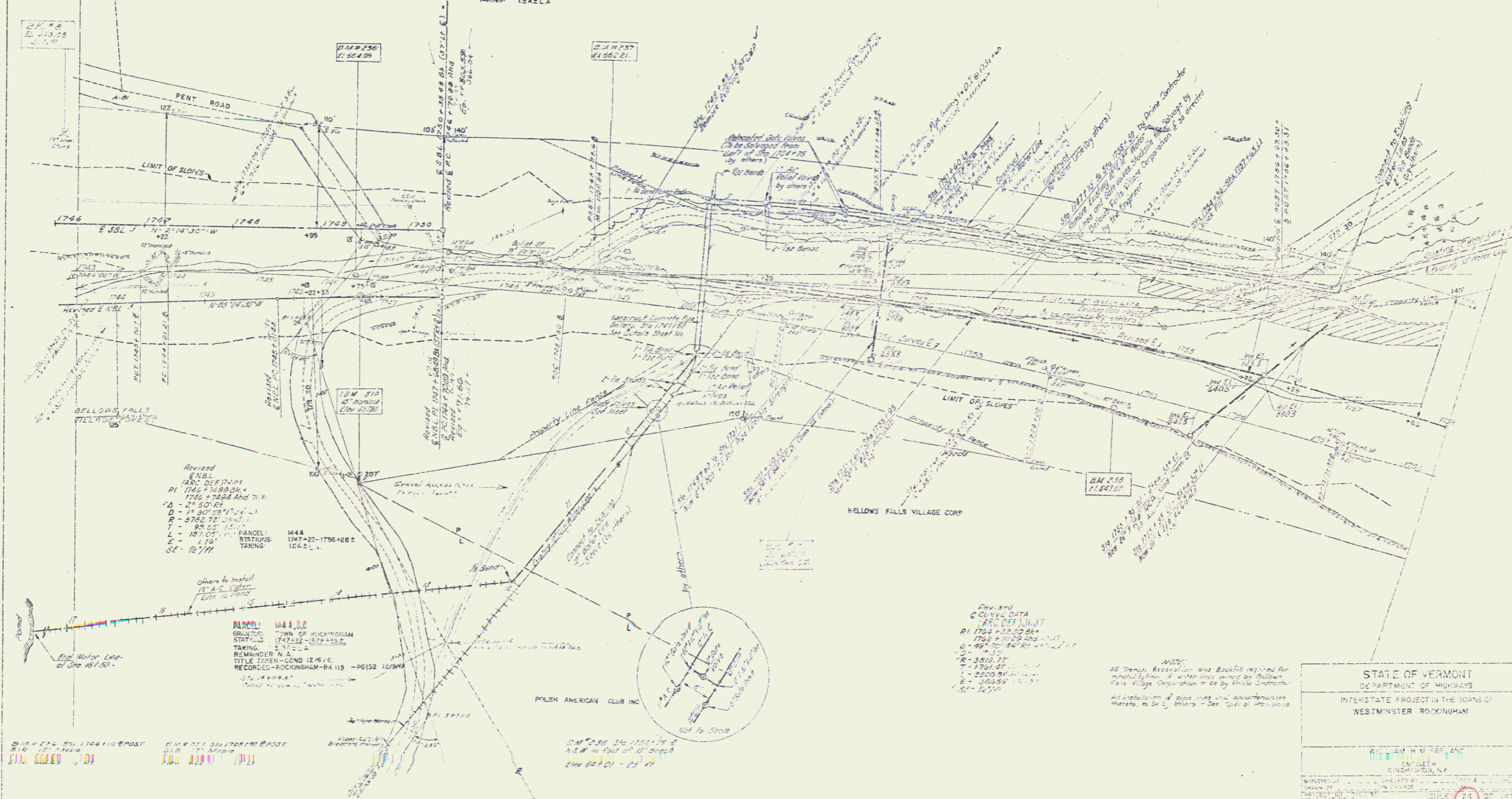
THREE CARL S&M W/STEEL POSTS  
 N&L Sta 1744+00 to Sta 1747+00 RL  
 S&L Sta 1744+00 to Sta 1747+00 RL  
 To be erected in the vicinity of the  
 pipe gallery at the approximate  
 location shown on plan sheet No. 24  
 of 187 or as directed by the  
 engineer

PAVED GUTTERS  
 Sta 1744+00 to Sta 1747+00 RL  
 Sta 1744+00 to Sta 1747+00 RL  
 Sta 1744+00 to Sta 1747+00 RL

PARCEL 140C  
 GRANTOR: BELLOWS FALLS VILLAGE CORP  
 STATIONS: 1744+00 - 1747+00  
 TAKING: 433A2  
 REMAINDER 900 E. 11  
 RIGHTS: GRANTING 4480 CLRT  
 TITLE TAKEN - COND 12/6/51  
 RECORDED - ROCKINGHAM - BK 113 - PG 152 12/9/51

PARCEL 140D  
 STATIONS: 1746+33 N&L - 1787+12  
 TAKING: 273A2 L.A.

PARCEL 140C  
 STATIONS: 1748+95 - 1755+75  
 TAKING: 154A2 L.A.



Revised  
 N&L  
 ARC DE 17401  
 PL 1746 + 74.88 Sta.  
 1746 + 74.88 And 71.1  
 A - 2° 50' RT  
 D - 75.30' CB 1747+00  
 P - 378.2' PL 1746+00  
 T - 89.65' 1746+00  
 L - 187.00' 1746+00  
 E - 1.74'  
 SE - 12.71'

PARCEL 144A, B, C  
 GRANTOR: TOWN OF ROCKINGHAM  
 STATIONS: 1747+00 - 1755+00  
 TAKING: 352 L.A.  
 REMAINDER 1/4  
 TITLE TAKEN - COND 12/6/51  
 RECORDED - ROCKINGHAM - BK 113 - PG 152 12/9/51

Revised  
 CURVE DATA  
 ARC DEF JUNCT  
 PL 1746 + 74.88 Sta.  
 1746 + 74.88 And 71.1  
 A - 2° 50' RT  
 D - 75.30' CB 1747+00  
 P - 378.2' PL 1746+00  
 T - 89.65' 1746+00  
 L - 187.00' 1746+00  
 E - 1.74'  
 SE - 12.71'

NOTE:  
 All Trench, Excavation and Backfill required for  
 installation of pipe lines and appurtenances  
 shall be done by the contractor. The Village Corporation  
 shall be responsible for the design and construction  
 of the pipe lines and appurtenances.  
 All installation of pipe lines and appurtenances  
 shall be done by the contractor. See Special Provisions.

STATE OF VERMONT  
 DEPARTMENT OF HIGHWAYS  
 INTERSTATE PROJECT IN THE TOWNS OF  
 NESTMINSTER ROCKINGHAM

WILLIAM H. PARSONS  
 ENGINEER  
 SINGAPORE, N.Y.

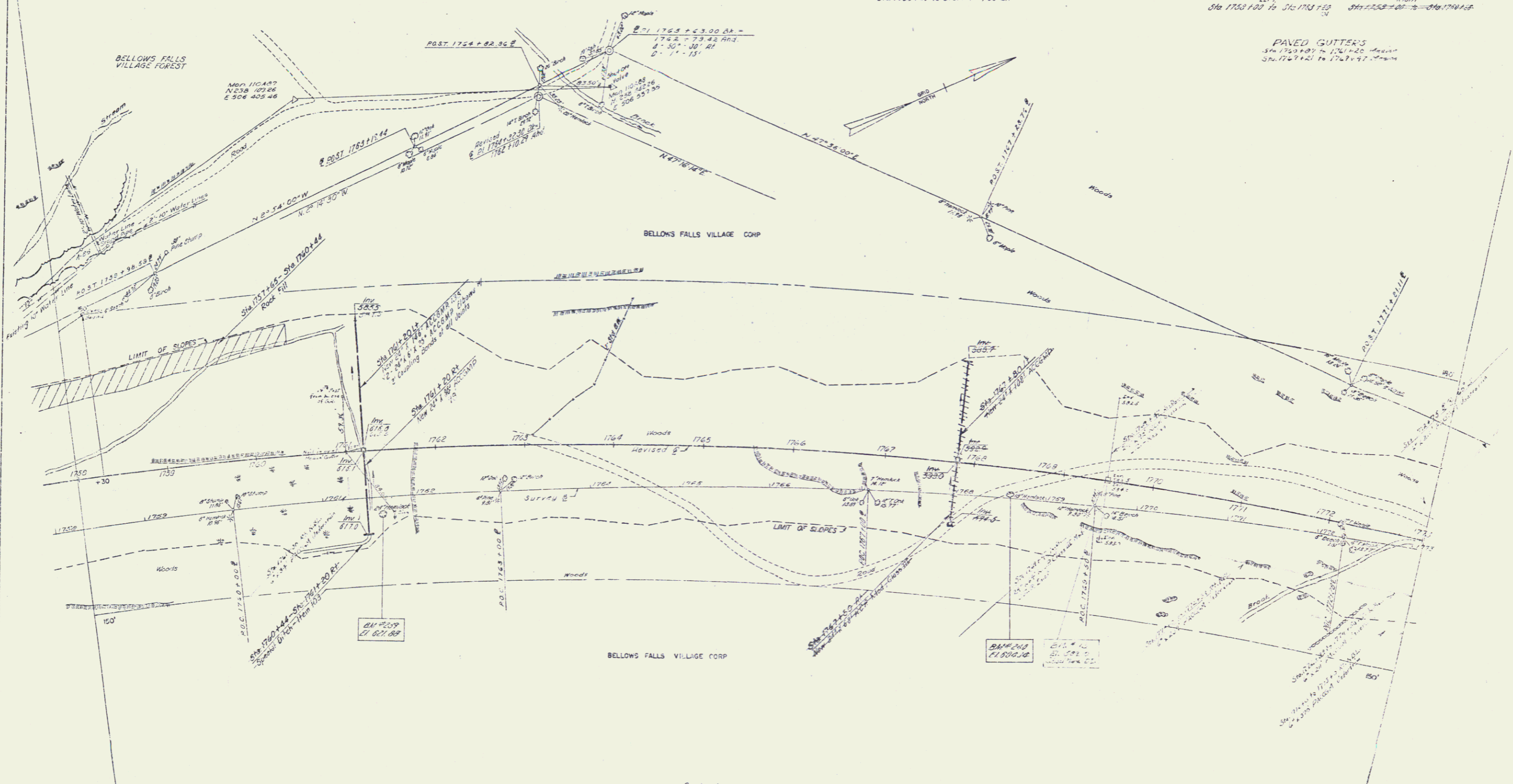
DATE: 12/24/51

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 114 MOD  
Sta 1752+00 to Sta 1773+00

PROPERTY LINE FENCE W/ STEEL POSTS  
Sta 1759+00 to Sta 1771+00 LI

THREE CABLE GUARD RAIL W/ STEEL POSTS  
LEFT  
Sta 1753+00 to Sta 1763+00  
RIGHT  
Sta 1752+00 to Sta 1761+00

PAVED GUTTERS  
Sta 1750+00 to Sta 1761+00  
Sta 1762+00 to Sta 1769+00



Revised  
CURVE DATA  
TABC DEF 11/17  
PI- 1764 + 32.30 8k  
TAC 1762 + 10.25 100 8007  
A - 42.00 100 40 40 100  
D - 30.00  
R - 2013.71  
T - 1761.41 1154.71  
L - 3300.00 3.00  
E - 326.00 1154.71  
SE - 107.11

BM #259 - Sta 1701+86.8  
Elev 801.20 - 17/84  
BM #280 - Sta 1755+53.8  
Elev 806.11 - 7/17

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS  
INTERSTATE PROJECT IN THE TOWNS OF  
WESTMINSTER, ROCKINGHAM

WILLIAM F. FARLAND  
ENGINEER  
SOUTHAMPTON, N.Y.

DESIGNED BY: [ ]  
DRAWN BY: [ ]  
CHECKED BY: [ ]  
DATE: [ ]

SHEET 27 OF 187

NOTE  
In Order to Obtain Stable Slopes of the Terminal Point of the Contract, Contiguous Slopes shall be covered beyond the End of the Contract as directed by the Engineer. The material used shall be composed of Granular Borrow, Item 102-A, extending away from Sta. 1785+00 on a 1-4 slope.

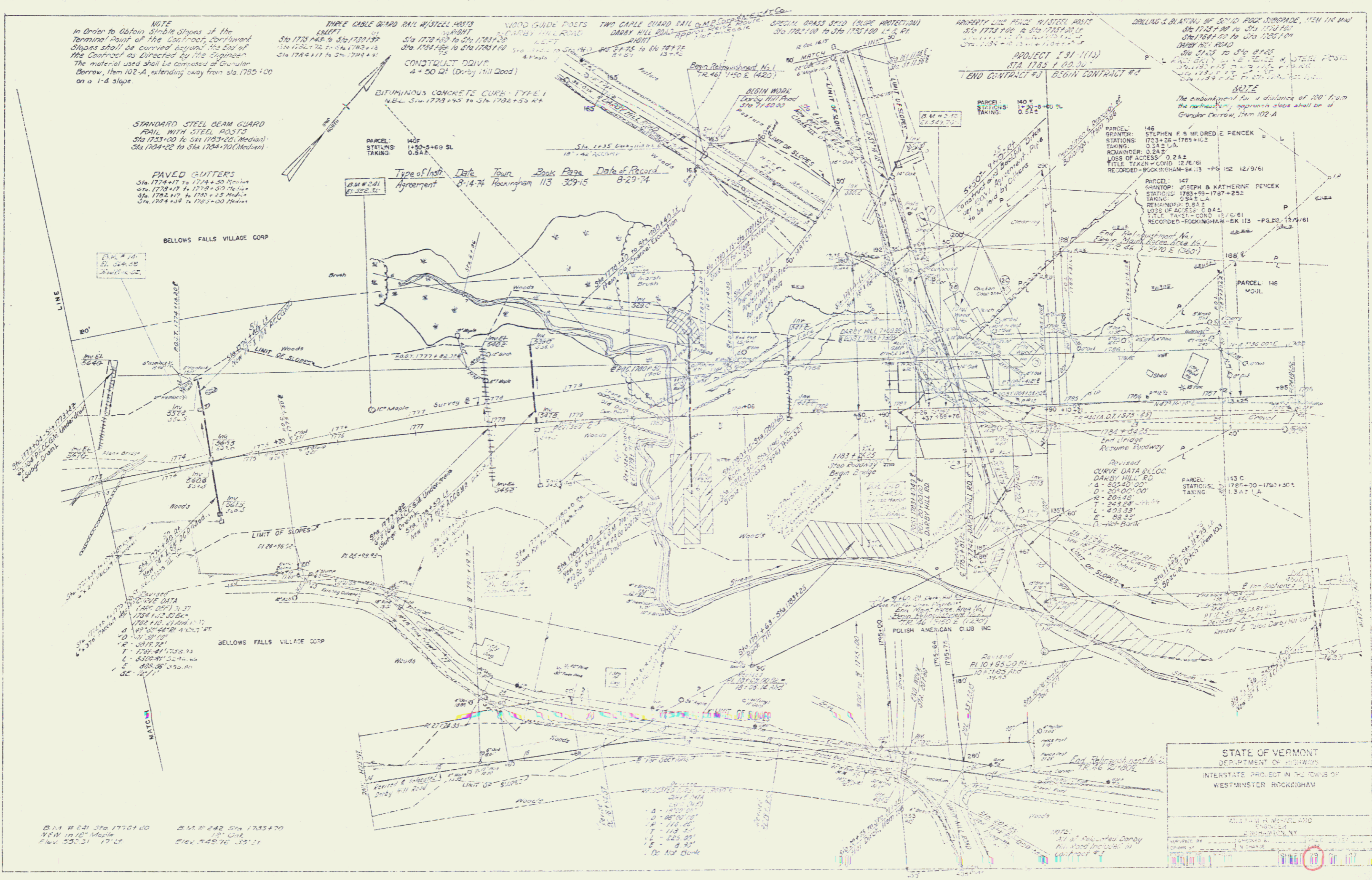
STANDARD STEEL DEAM GUARD RAIL WITH STEEL POSTS  
Sta. 1733+00 to Sta. 1783+20 (Median)  
Sta. 1784+00 to Sta. 1784+70 (Median)

PAVED CUTTERS  
Sta. 1774+17 to 1774+50 Median  
Sta. 1778+17 to 1778+50 Median  
Sta. 1783+17 to 1783+50 Median  
Sta. 1784+17 to 1784+50 Median

THREE CABLE GUARD RAIL WITH STEEL POSTS  
LEFT  
Sta. 1775+45 to Sta. 1775+97  
Sta. 1782+75 to Sta. 1783+13  
Sta. 1784+17 to Sta. 1784+51  
RIGHT  
Sta. 1778+10 to Sta. 1783+20  
Sta. 1784+00 to Sta. 1784+70  
CONSTRUCT DRIVE  
4 + 50 RT (Darby Hill Road)

BITUMINOUS CONCRETE CURB - TYPE 1  
N.B.L. Sta. 1774+45 to Sta. 1782+50 RT

Type of Inst. Agreement	Date	Town	Book	Page	Date of Record
DM # 041	8-14-74	Rockingham	113	329-15	8-29-74



DM # 041 Sta. 1774+00  
W 1/4 1st Maple  
Plan 552-31 17-12

DM # 042 Sta. 1783+70  
1/2 1st Maple  
Plan 549-76 35-11

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS  
INTERSTATE PROJECT IN THE TOWNS OF  
WESTMINSTER ROCKINGHAM

WILLIAM H. WHEELAND  
REGISTERED PROFESSIONAL ENGINEER  
No. 12345  
VERMONT  
1974

SHEET NO. INDEX OF SHEETS

- 1 TITLE PAGE
- 2-6 TYPICAL SECTIONS AND DETAILS (3" BITUMINOUS CONCRETE PAVEMENT, ITEM 361-B, MOD.)
- 7-8 QUANTITY SHEETS, ITEMS
- 9-10 QUANTITY SHEETS, DRAINAGE
- 11-13 GRADE AND EARTHWORK SHEETS
- 14 EARTHWORK SUMMARY
- 15-27 PLAN AND PROFILE SHEETS
- 28 TRAFFIC SIGN LOCATION PLAN
- 29 TRAFFIC SIGN DESIGN AND CONSTRUCTION DETAILS
- 30 TRAFFIC SIGN SUMMARY AND GENERAL NOTES
- 31 DELINEATOR LOCATION PLAN
- 32 A-61 DRILLING AND BLASTING OF SOLID ROCK
- 33 B-1 BANKING TABLES
- 34 B-5 TYPICAL SLOPE GRADING
- 35 B-6 MUCK EXCAVATION
- 36 B-15 ENTRANCE AND EXIT TERMINALS
- 37 B-16 DIVISIONAL ISLAND AND TRIANGULAR ISLAND DETAILS
- 38 C-1 CURBS
- 39 D-1 PRECAST R.C.P. DROP INLETS AND CATCH BASINS
- 40 D-2 HEADWALLS AND UNDERDRAIN
- 41 D-3 GUTTERS
- 42 D-4 PLATE PIPE, PIPE ELBOWS, FLUSHING BASINS AND METAL END SECTIONS
- 43 D-8 REINFORCED CONCRETE DROP INLETS
- 44 D-10 TOP FOR A DROP INLET
- 45 D-11 GRATES AND COVERS FOR DROP INLETS
- 46 D-13 CONCRETE CATCH BASINS
- 47 E-1 BARRICADES, SIGNS AND LIGHTS (ROADWAY)
- 48 E-3 REGULATORY SIGNS
- 49 E-4 ROUTE MARKERS AND AUXILIARY MARKERS
- 50 E-5 SIGN POST FOOTINGS
- 51 E-6 REGULATORY, WARNING AND GUIDE SIGNS
- 52 E-7 STANDARD SIGN PLACEMENT
- 53 E-8 DELINEATORS
- 54 E-9 CONSTRUCTION IDENTIFICATION SIGNS
- 55 F-1 PROPERTY LINE FENCE
- 56 G-1 STEEL BEAM GUARD RAIL
- 57 G-3 THREE CABLE GUARD RAIL
- 58 H-4 MARKER POSTS AND GUIDE POSTS
- 59 J-1 PROJECT MARKERS AND BOUNDARY MARKERS
- 60 J-3 MINIMUM PLANTING DISTANCES
- 61-114 CROSS SECTIONS

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT  
INTERSTATE PROJECT IN THE TOWNS OF  
WESTMINSTER - ROCKINGHAM  
COUNTY OF WINDHAM

PROJECT NO. 91-1(15) Interstate Route I-91  
CONTRACT NO. 4

BEGINNING 2.417 MILES NORTH OF THE WESTMINSTER-ROCKINGHAM  
TOWN LINE AT STATION 1785+00 AND CONTINUING IN A NORTHERLY  
DIRECTION 1.117 MILES TO STATION 1844+00

LENGTH OF ROADWAY = 5,900.00 FEET = 1.117 MILES  
LENGTH OF CONTRACT = 5,900.00 FEET = 1.117 MILES

DESIGN DESIGNATION

ADT - 1960 = 2280  
ADT - 1975 = 5060  
DHV - 1975 = 715  
T = 7%  
D = 5.4%  
V = (70) M.P.H.

SQUARE RAIL  
MARKER POSTS  
SIGNS & DELINEATORS  
PROPERTY LINE FENCE  
S.T. GRISWOLD CO., INC.  
WILLISTON, VT.

CONTRACTOR: CALEDONIA SAND & GRAVEL CO., INC.  
RESIDENT ENGINEER: SANFORD C. BRIGHAM  
INSPECTOR: MARK W. REDMOND  
RECORD PLANS: MARK W. REDMOND  
CONTRACT DATED: 26 MARCH 1962  
CONTRACT STARTED: 2 APRIL 1962  
CONTRACT COMPLETED: 17 OCT. 63  
CONTRACT ACCEPTED: 17 OCT. 63

PROJECT NAME & NUMBER	TYPE	PAVEMENT AREA
WESTMINSTER-ROCKINGHAM I 91-1(15)	3" BIT. CONCRETE	17,044 sq.

RECORD PLANS  
MATERIALS

SUB-BASE OF GRAVEL - REED PIT, WESTMINSTER, VT.  
SUB-BASE OF SAND - RAND PIT, ROCKINGHAM, VT.  
FLAGSTONE - CALEDONIA SAND & GRAVEL, TOWN QUARRY, ROCKINGHAM, VT.  
GRITS - PERINI CRUSHER - PARDA, GOLDSMITH, COTE - WESTMINSTER, VT.  
TAR & ASPHALT - MOBIL OIL CO., E. PROVIDENCE, R. I.  
DIT. CONCRETE - L. M. PINE D. SHEPHERD, CHARLESTOWN, N. H.  
CONCRETE - CHARLESTOWN READY-MIX INC., CHARLESTOWN, N. H.  
REINF. STEEL, FLUSHING BASINS, STEEL GRATES - VT. STRUCTURAL STEEL, BURL. VT.  
REINF. CONCRETE PIPE - MARTIN MARIETTA CO., WINDSOR, VT.  
A.C. C. G. METAL PIPE - N.E. METAL CULKERT CO., WHITE RIVER JCT., VT.  
BRICK CURB - BARRETTO - M. FORD, N. H.  
TREES & SHRUBS - PUTNEY NURSERY, PUTNEY, VT.

PROJECT NO. 91-1(15)  
STA. 1844+00.00  
N-217,567.89  
E-512,168.29

CALEDONIA SAND & GRAVEL CO., INC.  
ST. JOHNSBURY, VT.  
CONTRACTOR: CALEDONIA SAND & GRAVEL CO., INC.  
RESIDENT ENGINEER: SANFORD C. BRIGHAM  
INSPECTOR: MARK W. REDMOND  
RECORD PLANS: MARK W. REDMOND  
CONTRACT DATED: 26 MARCH 1962  
CONTRACT STARTED: 2 APRIL 1962  
CONTRACT COMPLETED: 17 OCT. 63  
CONTRACT ACCEPTED: 17 OCT. 63

WESTMINSTER-ROCKINGHAM I 91-1(15) CONTRACT NO. 4  
CONTRACTOR: CALEDONIA SAND & GRAVEL CO., INC.  
RESIDENT ENGINEER: SANFORD C. BRIGHAM  
INSPECTOR: MARK W. REDMOND  
RECORD PLANS: MARK W. REDMOND  
CONTRACT DATED: 26 MARCH 1962  
CONTRACT STARTED: 2 APRIL 1962  
CONTRACT COMPLETED: 17 OCT. 63  
CONTRACT ACCEPTED: 17 OCT. 63

POOR ORIGINAL COPY

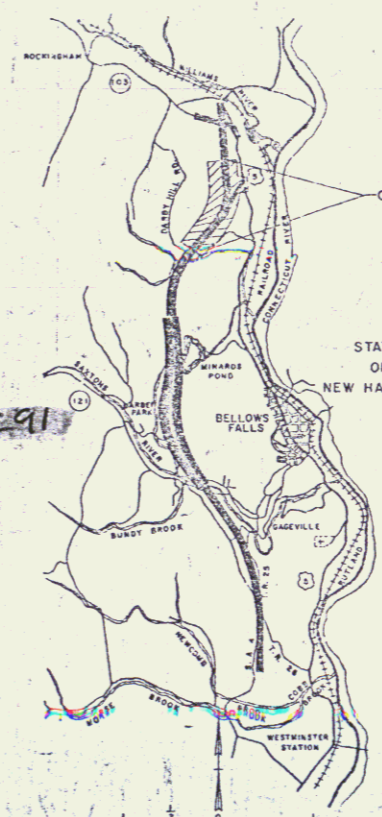
SCALES  
TITLE ..... 1" = 1000'  
TYPICAL ..... AS NOTED  
PLAN ..... 1" = 50'  
PROFILE HORIZONTAL ..... 1" = 10'  
PROFILE VERTICAL ..... 1" = 10'

APPROVED: [Signature] SECRETARY ENGINEER  
DATE: [Date]  
APPROVED: [Signature] ASSISTANT ENGINEER  
DATE: [Date]  
APPROVED: [Signature] CIVIL ENGINEER  
DATE: [Date]  
APPROVED: [Signature] CIVIL ENGINEER  
DATE: [Date]  
APPROVED: [Signature] CIVIL ENGINEER  
DATE: [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 VERMONT SUBMITTED TO THE BUREAU OF  
PUBLIC ROADS AS APPROVED JULY 5, 1954, INCLUDING ALL SUBSEQUENT  
APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND OTHER  
PROVISIONS AS ARE FURNISHED WITH THE PLANS.

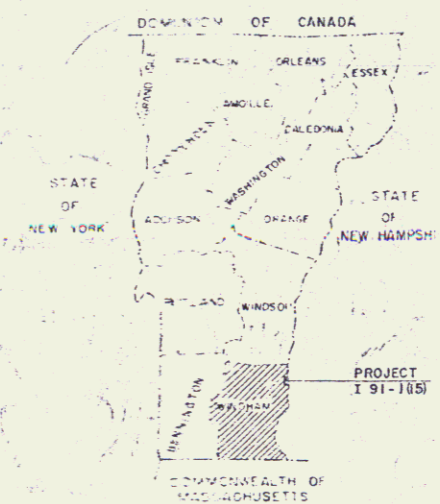
DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS

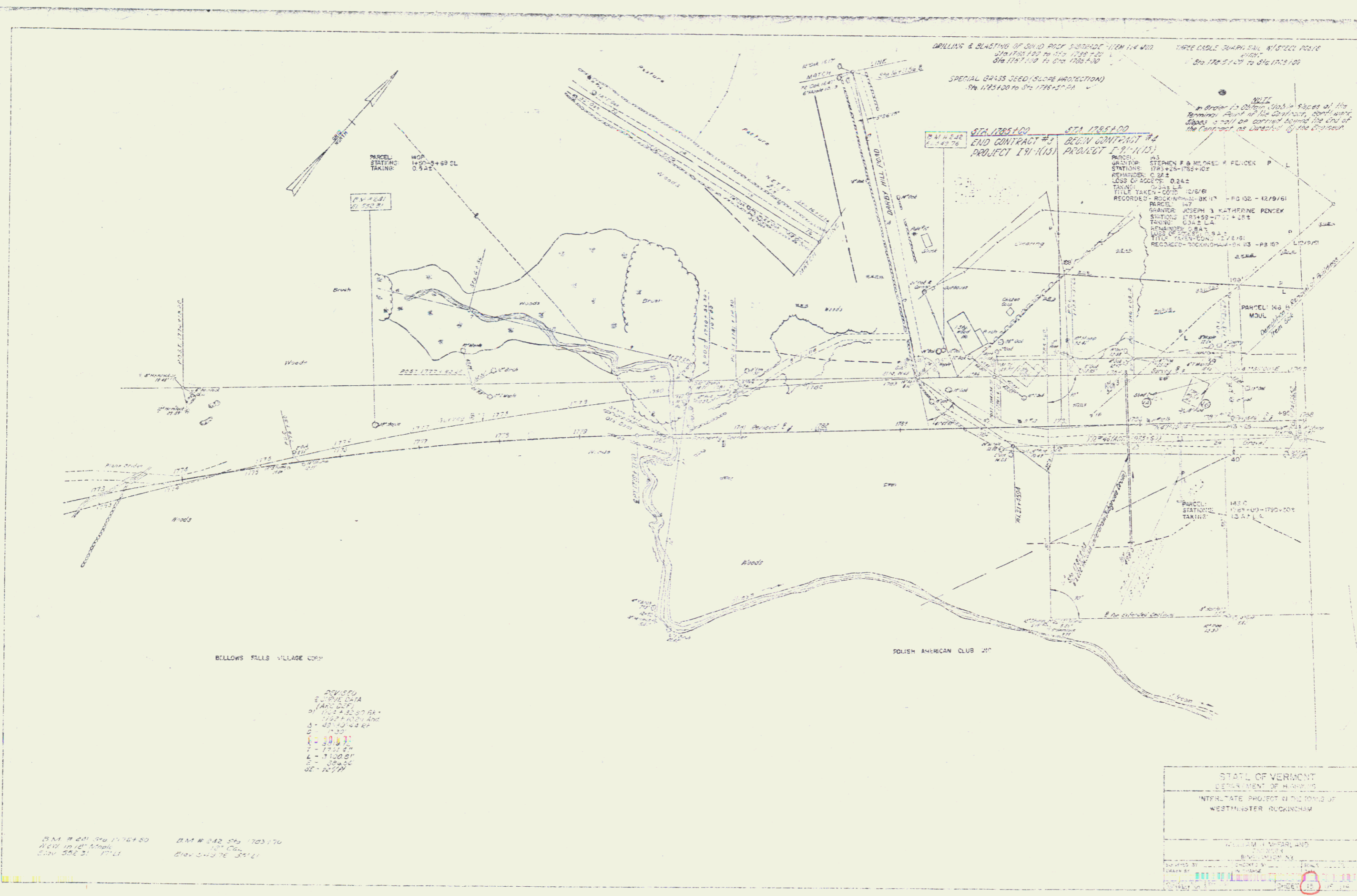
PROJECT CONTRACT NO. 4 NO. I 91-1(15)  
SHEET 1 OF 114 SHEETS

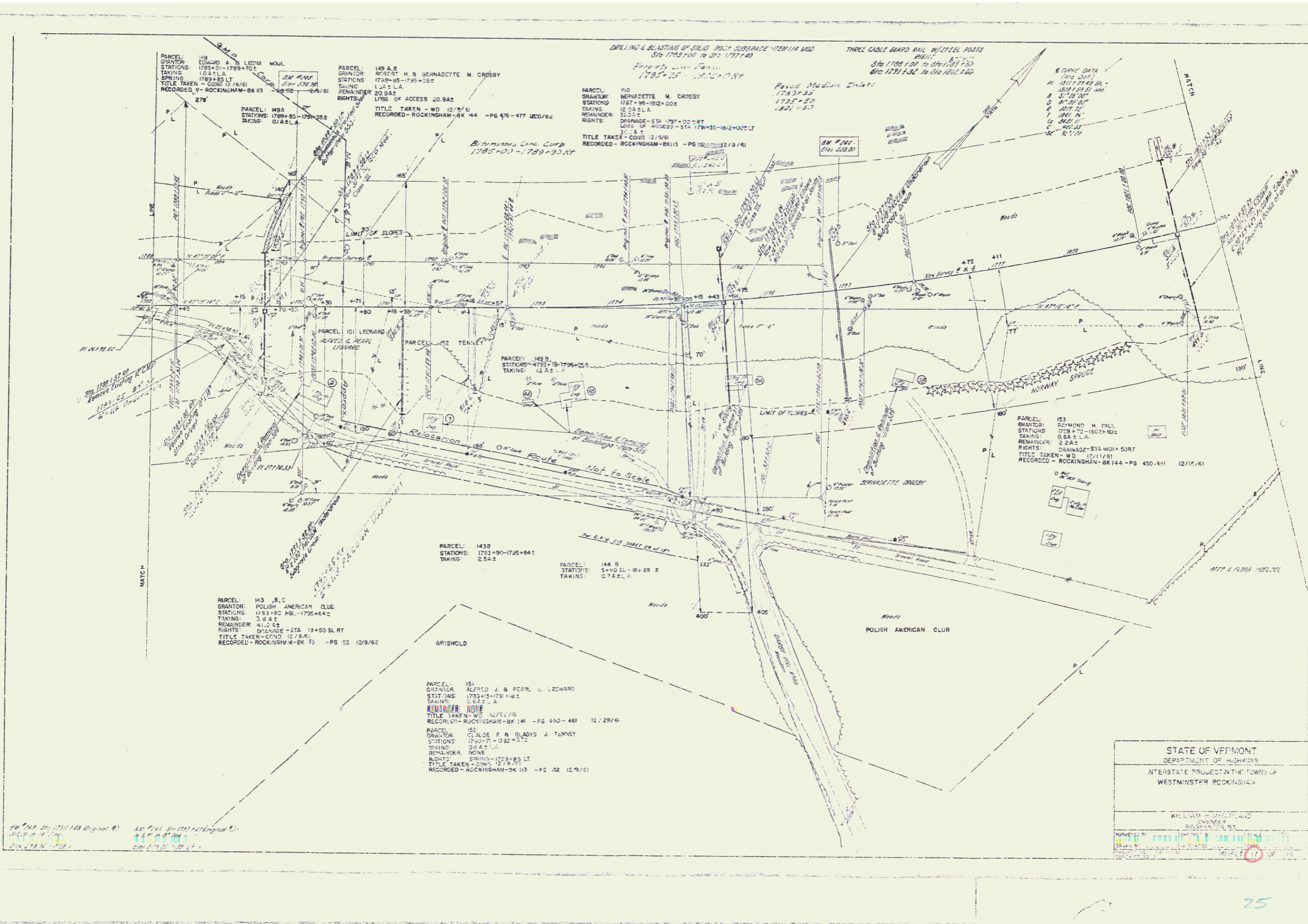


RIGHT-OF-WAY  
and Construction Plans

STATE OF VERMONT  
PROJECT NO. 91-1(15)  
SHEET NO. 114







PARCEL: 148  
GRANTOR: EDWARD A. B. LEONA MOUL  
STATIONS: 1785+00 - 1789+70  
TAKING: 1.0 A L.A.  
SPRING: 1789+85 LT  
TITLE TAKEN - COND 12/6/61  
RECORDED - ROCKINGHAM-BK 113 - PG 452 - 12/9/61

PARCEL: 149 A.B.  
GRANTOR: ROBERT H. B. BERNADETTE M. CROSSY  
STATIONS: 1789+85 - 1795+35  
TAKING: 1.2 A L.A.  
REMAINDER: 20.9 A L.A.  
LOS OF ACCESS 20.9 A L.A.  
TITLE TAKEN - WD 12/9/61  
RECORDED - ROCKINGHAM-BK 144 - PG 476 - 477 12/20/62

PARCEL: H.O.  
GRANTOR: BERNADETTE M. CROSSY  
STATIONS: 1797+95 - 1812+00  
TAKING: 12.2 A L.A.  
REMAINDER: 32.3 A L.A.  
RIGHTS: DRAINAGE - STA 1797+00 - RT  
LOS OF ACCESS - STA 1794+35 - 1812+00 LT  
30' A L.A.  
TITLE TAKEN - COND 12/5/61  
RECORDED - ROCKINGHAM-BK 113 - PG 152 - 12/9/61

PARCEL: 149 B  
GRANTOR: ROBERT H. B. BERNADETTE M. CROSSY  
STATIONS: 1795+35 - 1799+00  
TAKING: 1.2 A L.A.  
REMAINDER: 20.9 A L.A.  
LOS OF ACCESS 20.9 A L.A.  
TITLE TAKEN - COND 12/6/61  
RECORDED - ROCKINGHAM-BK 113 - PG 452 - 12/9/61

THREE CABLE GUARD RAIL W/STEEL POSTS  
R6111  
Sta 1798+00 to Sta 1799+50  
Sta 1791+30 to Sta 1802+50

6 CURVE DATA  
(400' DIST)  
M 1811.7949 BL -  
1804.5951 HWT  
4 51'18.00"  
0 01'20.00"  
4 30'17.00"  
1 10'11.00"  
10 34'01.00"  
36 12'11.00"

PARCEL: 143 B.C.  
GRANTOR: POLISH AMERICAN CLUB  
STATIONS: 1793+90 NBL - 1795+64  
TAKING: 3.6 A L.A.  
REMAINDER: 41.2 A L.A.  
RIGHTS: DRAINAGE - STA 18+50 SLRT  
TITLE TAKEN - COND 12/6/61  
RECORDED - ROCKINGHAM-BK 113 - PG 02 12/9/62

PARCEL: 143B  
STATIONS: 1793+90 - 1795+64  
TAKING: 3.6 A L.A.

PARCEL: 144 B  
STATIONS: 18+00 SL - 18+68  
TAKING: 0.7 A L.A.

PARCEL: 151  
GRANTOR: ALFRED J. & PEARL L. LEONARD  
STATIONS: 1793+50 - 1795+64  
TAKING: 0.6 A L.A.  
REMAINDER: NONE  
TITLE TAKEN - WD 12/12/61  
RECORDED - ROCKINGHAM-BK 144 - PG 440 - 461 12/29/61

PARCEL: 152  
GRANTOR: CLAUDE F. & GLADYS J. TENNEY  
STATIONS: 1790+71 - 1792+00  
TAKING: 0.6 A L.A.  
REMAINDER: NONE  
RIGHTS: SPRING - 1299+85 LT  
TITLE TAKEN - COND 12/6/61  
RECORDED - ROCKINGHAM-BK 113 - PG 02 12/9/61

PARCEL: 183  
GRANTOR: RAYMOND H. PAUL  
STATIONS: 1798+72 - 1802+60  
TAKING: 0.8 A L.A.  
REMAINDER: 2.2 A L.A.  
RIGHTS: DRAINAGE - STA 1801+ SORT  
TITLE TAKEN - WD 12/11/61  
RECORDED - ROCKINGHAM-BK 144 - PG 450 - 461 12/12/61

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS  
INTERSTATE PROJECT IN THE TOWNS OF  
WESTMINSTER ROCKINGHAM

WILLIAM H. GIBSON  
ENGINEER  
BURLINGTON, VT

17 OF 17

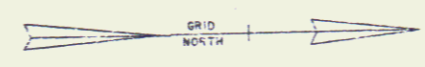
24' 24" Sta 1791.00 (Original #)  
24' 24" Sta 1791.00 (Original #)  
24' 24" Sta 1791.00 (Original #)



DRILLING & GRADING OF SOLID RAIL SUBGRADE - ITEM 114 AND  
Sta 1318+00 to Sta 1325+00

THREE CABLE BRAMP RAIL W/ STEEL POSTS  
LEFT  
Sta 1325+00 to Sta 1331+00  
RIGHT  
Sta 1331+00 to Sta 1337+00  
Pump N Stationing Sta 1337+00

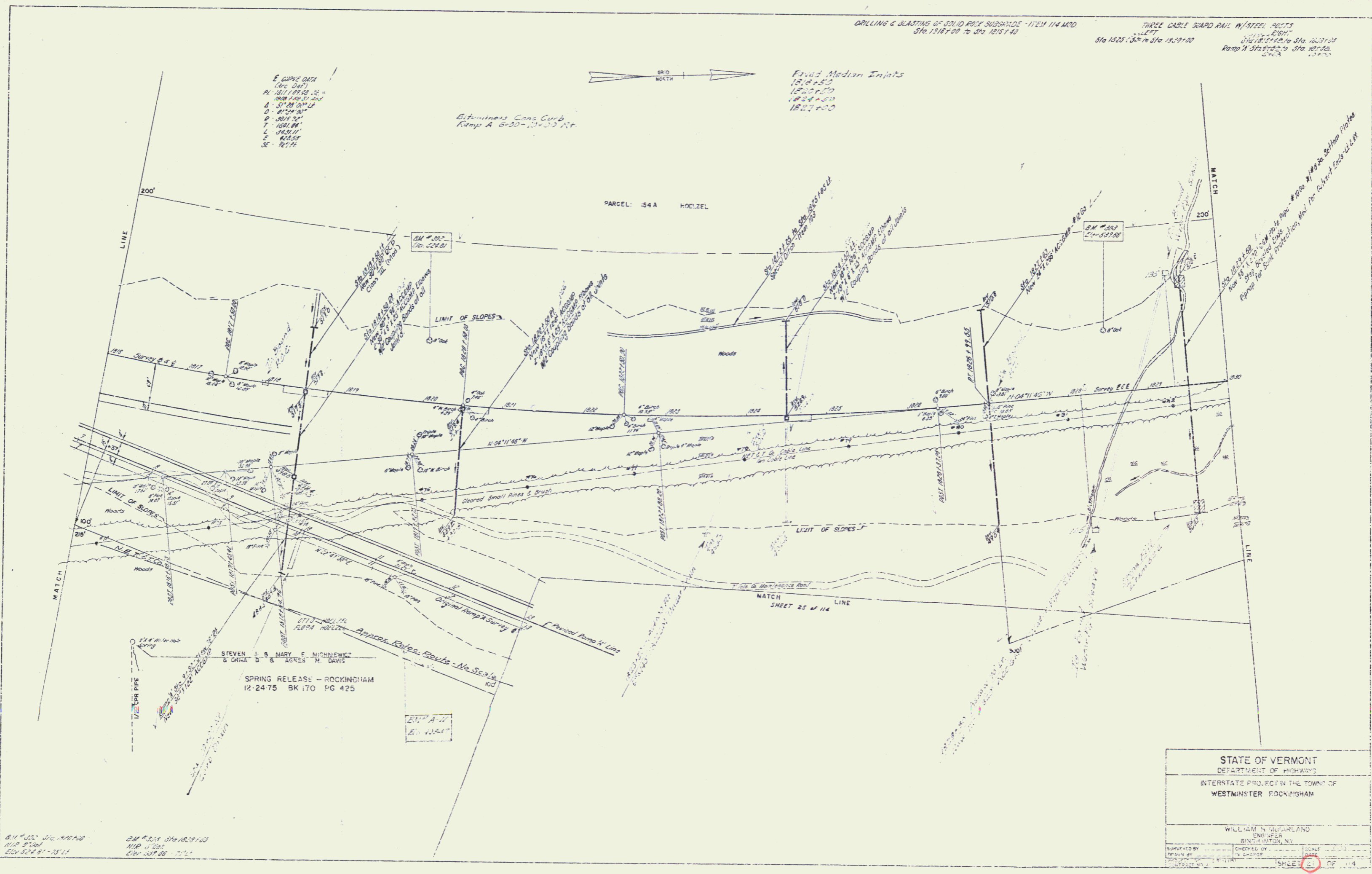
E. GROUND DATA  
(See Map)  
A. 1011.18'± SE =  
1000'± (approx)  
B. 51'± ON 12  
C. 80'± ON 12  
D. 1011.18'±  
E. 80'± ON 12  
F. 1011.18'±  
G. 80'± ON 12  
H. 1011.18'±



Fixed Median Inlets  
1318+30  
1322+30  
1327+30  
1331+30

Aluminum Cast Curb  
Ramp A 6-30-13-33 Rt.

PARCEL 154A HOELZEL



STATE OF VERMONT	
DEPARTMENT OF HIGHWAYS	
INTERSTATE PROJECT IN THE TOWN OF WESTMINSTER ROCKINGHAM	
WILLIAM S. MURPHY ENGINEER	
BENTLEY SYSTEMS	
DESIGNED BY	SCALE
CHECKED BY	DATE
IN CHARGE	
PROJECT NO.	SHEET 3 OF 14

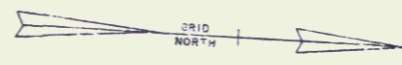
BM 1002 Sta 1318+00  
M.P. 2.00  
Elev 524.51 - 13.11

BM 1003 Sta 1325+00  
M.P. 4.00  
Elev 527.00 - 13.11

Note: 1800+00 ±  
 300' S. from Water Line from L3  
 (To be installed by Owner)

DRILLING & BLASTING OF SOLID ROCK SUBGRADE - ITEM 114 MCD  
 STA 1824+00 TO STA 1831+00  
 STA 1837+00 TO STA 1844+00

TRIPLE CABLE GUARD RAIL W/ OFFSET - 3075  
 15' POINT  
 STA 1820+00 TO STA 1831+56  
 STA 1830+00 TO STA 1834+50



Provided Median Inlet  
 1237+50

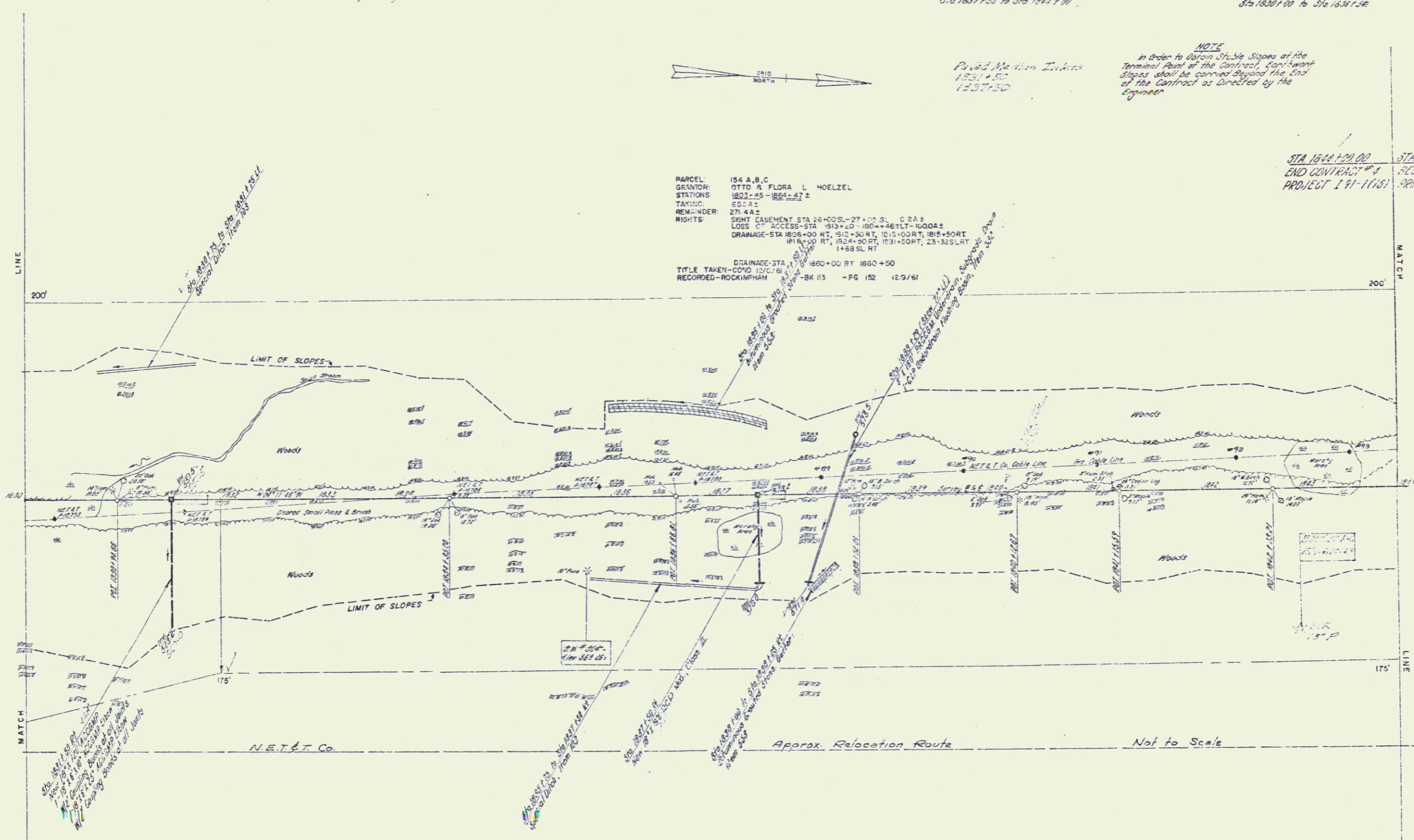
NOTE  
 In order to obtain Sta. Slopes of the  
 Terminal Point of the Contract, earthwork  
 Slopes shall be carried beyond the end  
 of the Contract as directed by the  
 Engineer

STA 1844+00.00  
 END CONTRACT #4  
 PROJECT 191-1(15)

STA 1844+00.00  
 FROM CONTRACT #5  
 PROJECT 191-1(15)

PARCEL: 154 A, B, C  
 GRANTOR: OTTO R. FLORA L. HOELZEL  
 STATIONS: 1803+00 - 1864+57 ±  
 TAKING: 655 A ±  
 REMAINDER: 271.4 A ±  
 RIGHTS: EIGHT EASEMENT STA 26+00S - 27+00S L. C. 2A ±  
 LOSS OF ACCESS - STA 193+00 - 190+46 RT - 1000A ±  
 DRAINAGE - STA 1808+00 RT, 1812+50 RT, 1816+00 RT, 1818+50 RT  
 1824+50 RT, 1828+50 RT, 1831+50 RT, 1833+50 RT  
 1868 SL RT

DRAINAGE STA 1860+00 RT 1860+50  
 TITLE TAKEN - CONDO 12/6/81  
 RECORDED - ROCKINGHAM - BK 113 - PG 192 (12/9/81)



LINE

200

MATCH

200

MATCH

175

LINE

175

N.E.T. & T. Co.

Approx. Relocation Route

Not to Scale

18' FROM STA 1835+75  
 18' FROM STA 1835+75  
 18' FROM STA 1835+75

STATE OF VERMONT  
 DEPARTMENT OF HIGHWAYS  
 INTERSTATE PROJECT IN THE TOWNS OF  
 WESTMINSTER ROCKINGHAM

WILLIAM J. HARRISLAND  
 ENGINEER  
 RINDENBURY, N.Y.

DESIGNED BY: [Signature]  
 DRAWN BY: [Signature]  
 CHECKED BY: [Signature]  
 DATE: 10/28/81

SHEET 23 OF 114

Granite Slope Epping from 556 A  
 Camp A Sta 101.92 - 25+63.64  
 Camp A Sta 25+39 - 27+05.64  
 Leg A Sta 0+00 - 2+30.64  
 Leg A Sta 0+87 - 1+45.14  
 US Rte 5 Sta 9+13 - 5+68.14

Standard Steel Beam Guard Rail  
 Run A 101.92 - 5+49.14

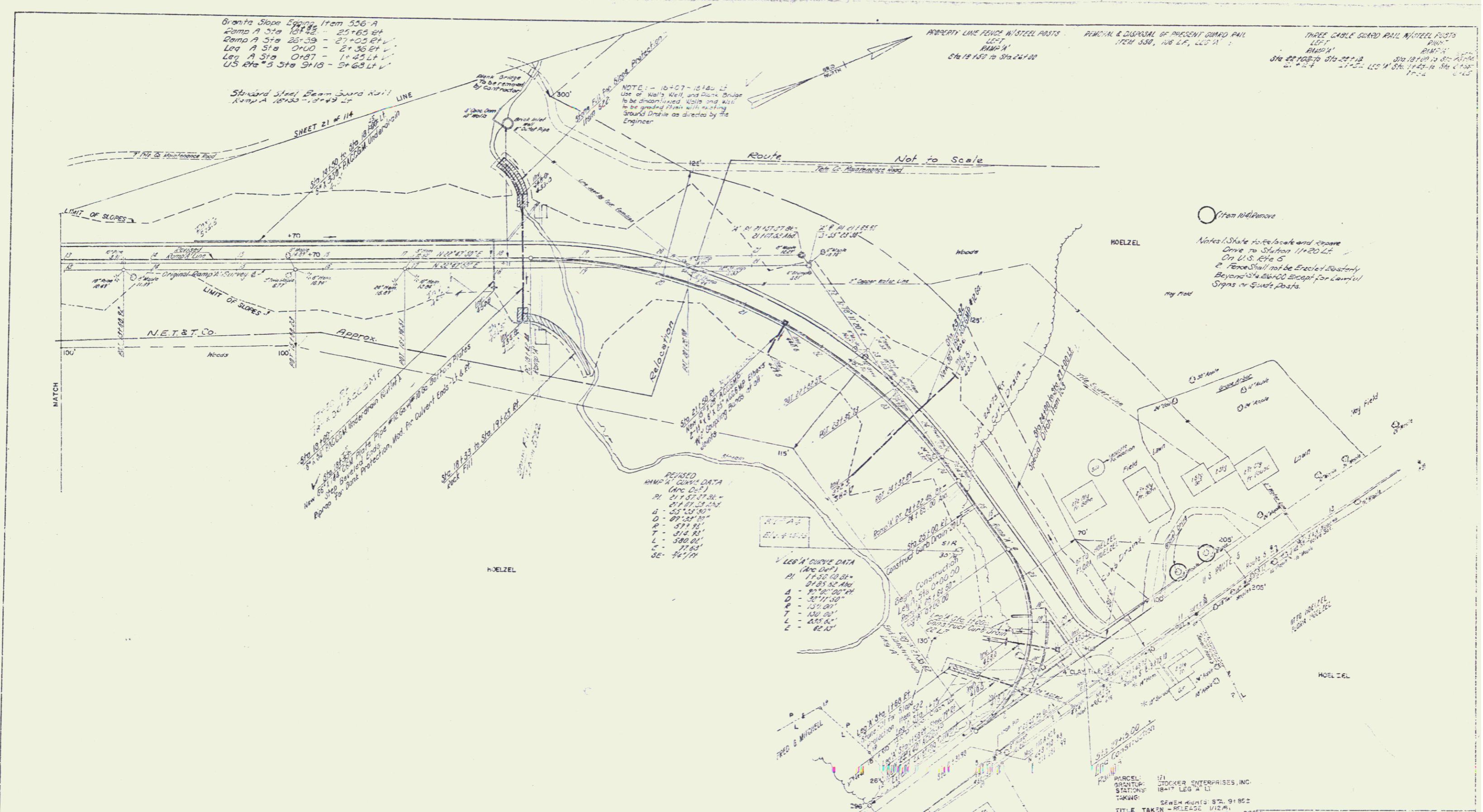
SHEET 21 OF 114

NOTE: - 10+07 - 10+16.14  
 Use of Wall's Wall and Rock Drains  
 to be discontinued. Slope and Wall  
 to be graded plain with existing  
 Ground Drain as directed by the  
 Engineer.

PROPERTY LINE FENCE W/STEEL POSTS  
 LEG A  
 Sta 10 152 to Sta 24+42

REMOVAL & DISPOSAL OF PRESENT GUARD RAIL  
 FROM 138' TO 145' LEG A

THREE CABLE GUARD RAIL W/STEEL POSTS  
 LEG A  
 Sta 24+42 to Sta 27+12  
 Sta 27+12 to Sta 28+12  
 Sta 28+12 to Sta 29+12  
 Sta 29+12 to Sta 30+12



DETAILED  
 HWP' A CURVE DATA  
 (INC. D.P.)  
 21 21+37.07 31 -  
 21+37.07 31 -  
 4 - 55' 10" 10"  
 4 - 87' 10" 10"  
 4 - 374' 10"  
 7 - 312' 10"  
 7 - 300' 10"  
 5 - 71' 10"  
 3E - 74' 10"

LEG A CURVE DATA  
 (INC. D.P.)  
 21 17+52 10 31 -  
 21+37 32 10 31 -  
 4 - 87' 10" 10"  
 4 - 374' 10"  
 7 - 312' 10"  
 7 - 300' 10"  
 5 - 71' 10"  
 3E - 74' 10"

Notes: (State to be located and remove  
 Drive to Station 11+20 LT  
 On U.S. Rte 5  
 or "Rock" shall be erected eastward  
 Beyond Sta. 24+42 except for lawful  
 signs or guard posts.

PARCEL  
 GRANITE  
 STATION  
 TOWN  
 SWEN HUNTS ST. 91 852  
 18-19 LEG A D  
 TITLE TAKEN - RELEASE 1/10/81  
 RECORDED - ROCKINGHAM - BK 143 - PG 215  
 2/16/82

STATE OF VERMONT  
 DEPARTMENT OF HIGHWAYS  
 INTERSTATE PROJECT IN THE TOWNS OF  
 WESTMINSTER ROCKINGHAM

WILLIAM H. HARRISLAND  
 ENGINEER  
 5000 S. MAIN ST.  
 SUITE 200  
 ROCKINGHAM, VT 05765  
 SURVEYED BY: [Signature]  
 DRAWN BY: [Signature]  
 CHECKED BY: [Signature]  
 INCHES 25 OF 114



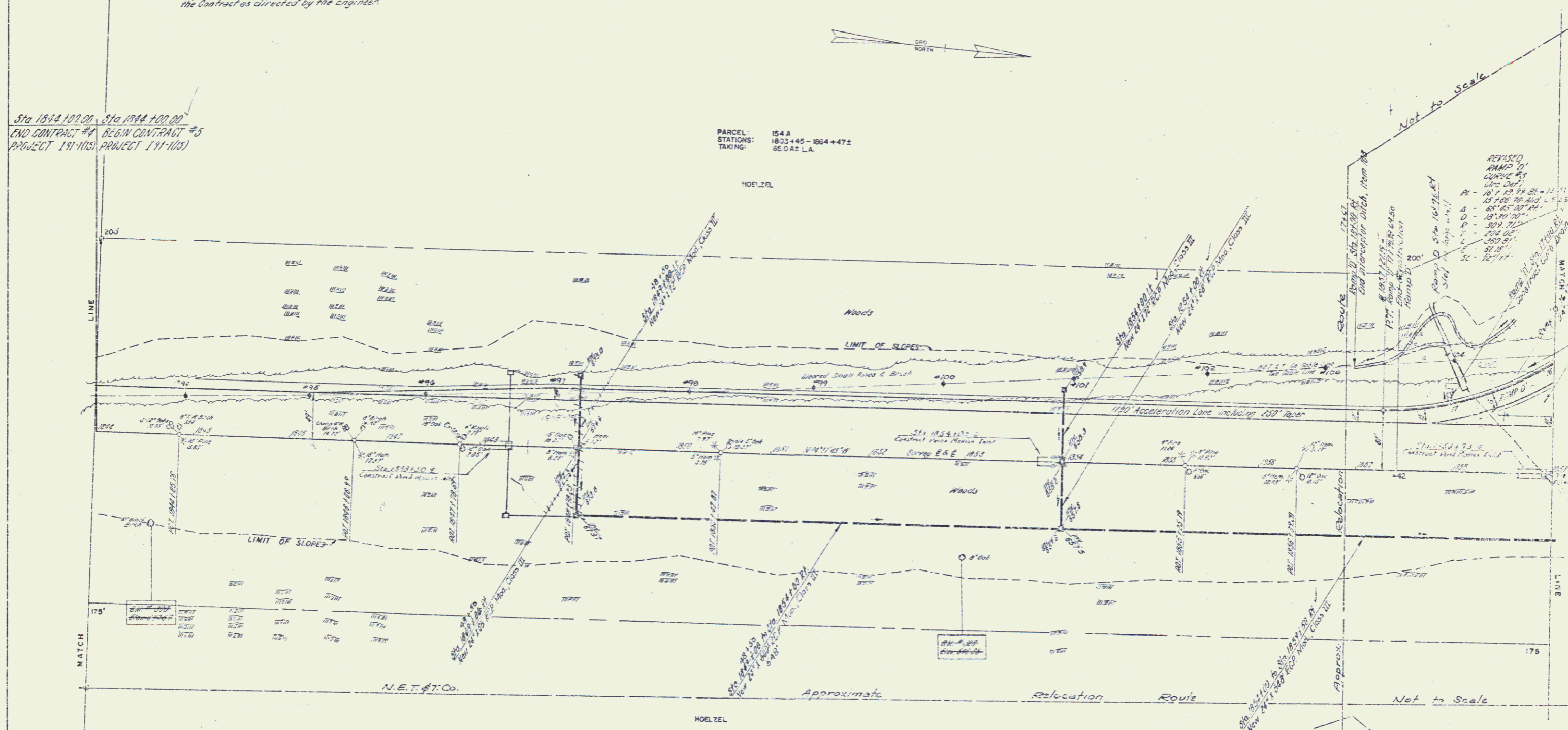
NOTE:  
In order to obtain stable slopes at the terminal point of the Contract, Earthwork Slopes will be carried beyond the end of the Contract as directed by the Engineer.

DRILLING & BASTING OF SOLID ROCK CURBWADE - ITEM 114 M3D  
Sta 1844+00 to Sta 1857+00  
Ramp D Sta 1842 to Sta 1848

Granite Slope Edging Item 336+9  
Ramp D Sta 16+00 - 17+72.1

Sta 1844+00.00 Sta 1844+00.00  
END CONTRACT #4 BEGIN CONTRACT #5  
PROJECT 181-103; PROJECT 181-103

PARCEL: 154A  
STATIONS: 1833+45 - 1864+47±  
TAKING: 860± L.A.



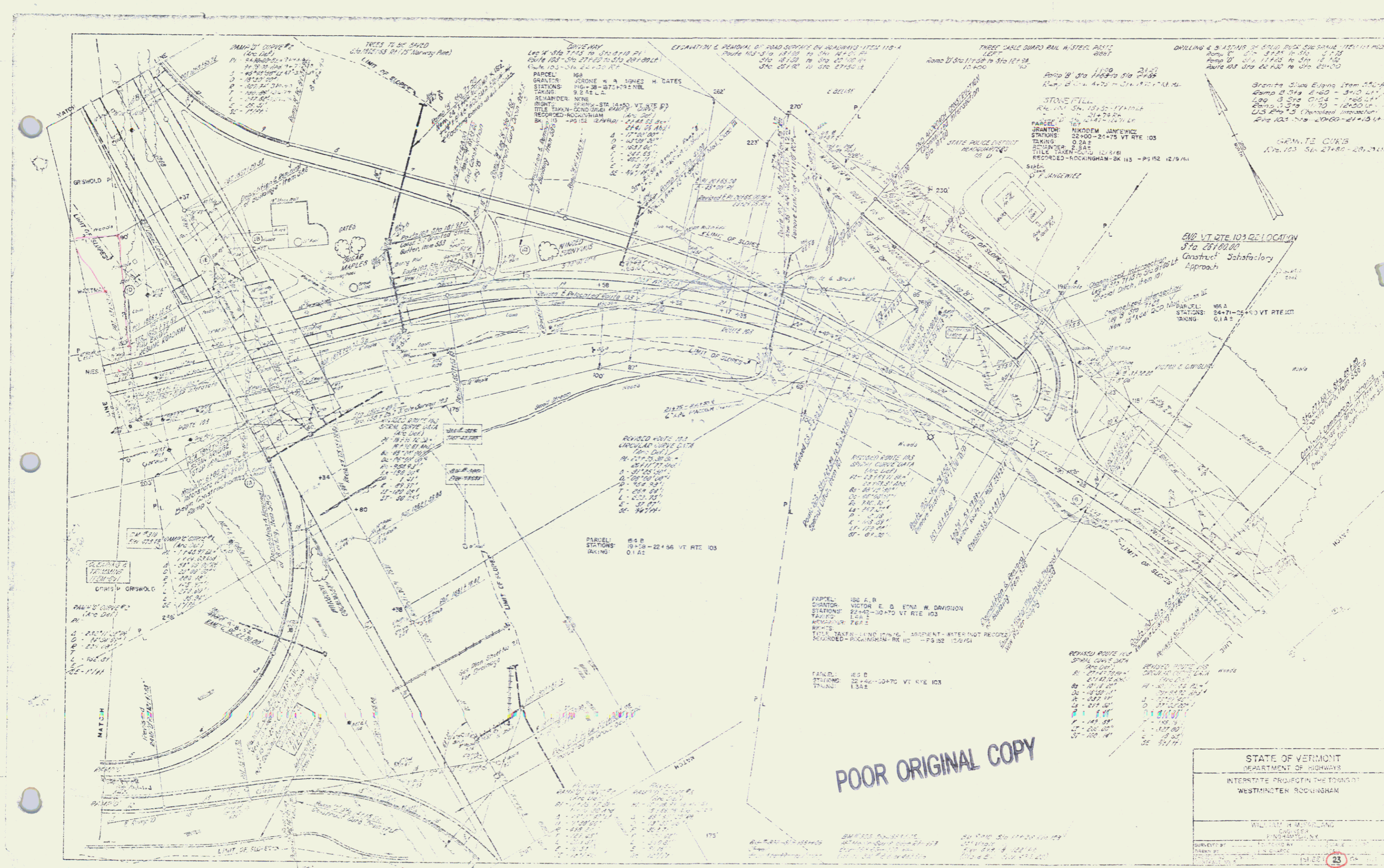
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STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS  
INTERSTATE PROJECT IN THE TOWN OF  
WESTMINSTER ROCKINGHAM

WILLIAM H. CAMPBELL  
ENGINEER

15



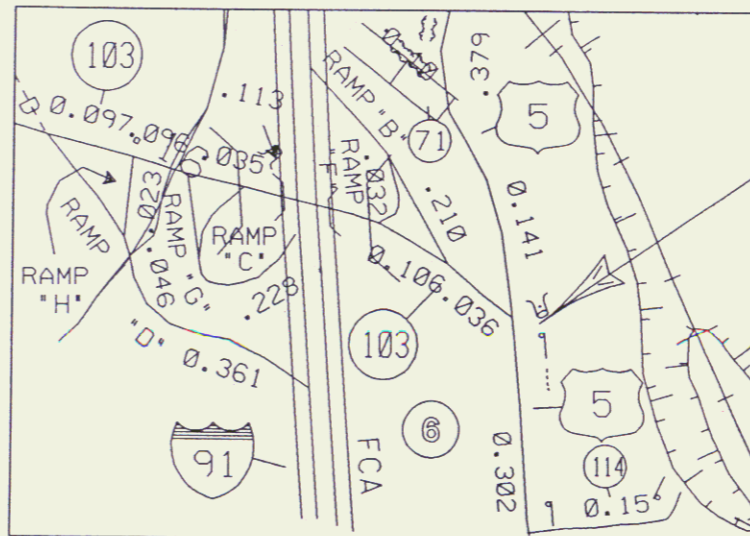
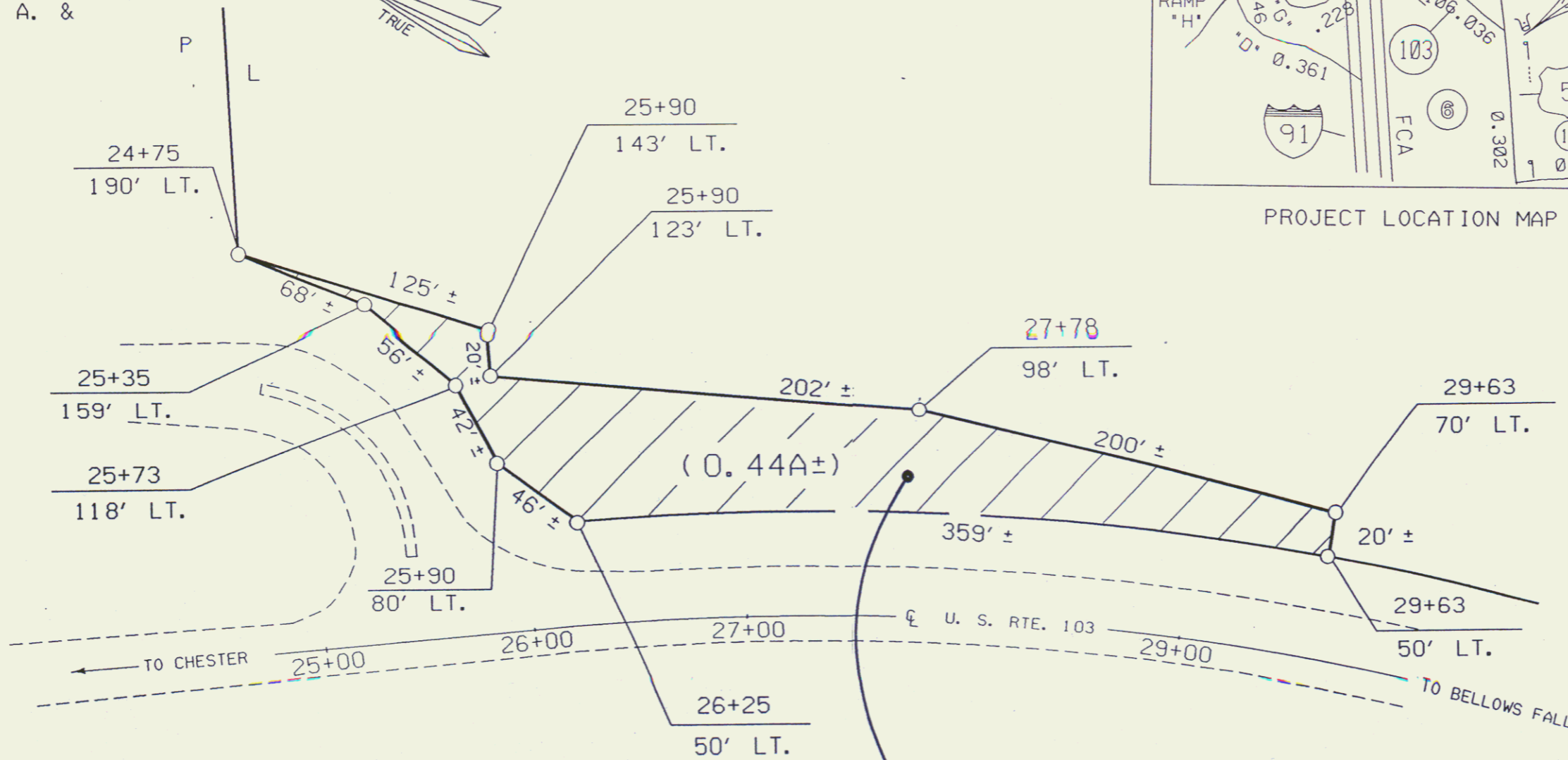
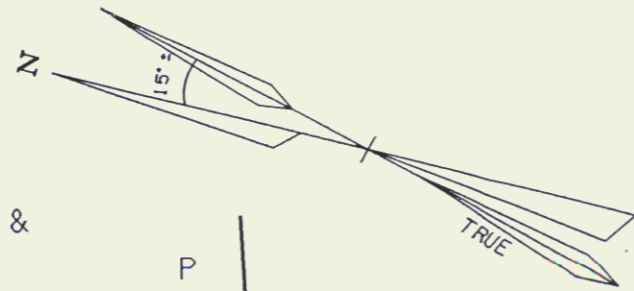


POOR ORIGINAL COPY

STATE OF VERMONT	
DEPARTMENT OF HIGHWAYS	
INTERSTATE PROJECT IN THE TOWN OF WESTMINSTER, ROCKINGHAM	
WILLIAM H. HARRINGTON	
SURVEYOR	
DATE: 12/1/61	
SCALE: AS SHOWN	
SHEET NO. 23	

N7F

WEST, JAMES A. &  
HELEN R.



PROJECT LOCATION

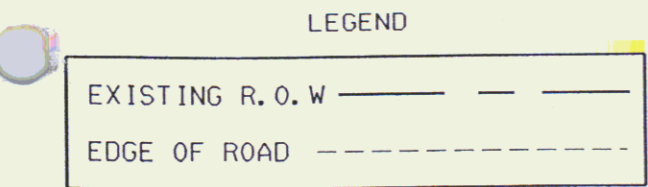
PROJECT LOCATION MAP

AGENCY OF TRANSPORTATION

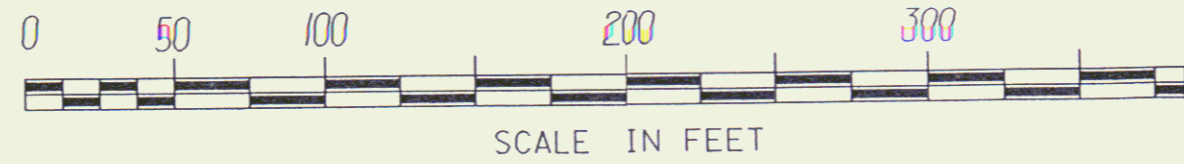
BEING PART OF THE LAND ACQUIRED FROM VICTOR E. & EDNA W. DAVIGNON  
BY CONDEMNATION ORDER DATED DEC. 6, 1961 AND RECORDED  
IN BOOK 113 PAGES 152-174 OF THE ROCKINGHAM LAND RECORDS.  
AND PART OF THE ORIGINAL U.S. 5 TAKEN INTO THE STATE HIGHWAY SYSTEM  
ON APRIL 1, 1931 BY ORDER OF THE STATE HIGHWAY BOARD.

PREFERRED MOTOR INNS OF NEW ENGLAND, INC.

BY Q.C.D. RECORDED 7/20/94  
IN BK 31/77



/prop/misc/pmi.dgn



REF: WESTMINSTER-ROCKINGHAM I 91-1(15) SHEET 23 & 25 OF 141

23A

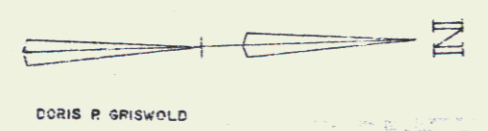
**STATE OF VERMONT**  
**AGENCY OF TRANSPORTATION**  
 TOWN OF ROCKINGHAM

DRAWN BY M. R.	CHECKED BY J. L.	DATE: 11-05-93
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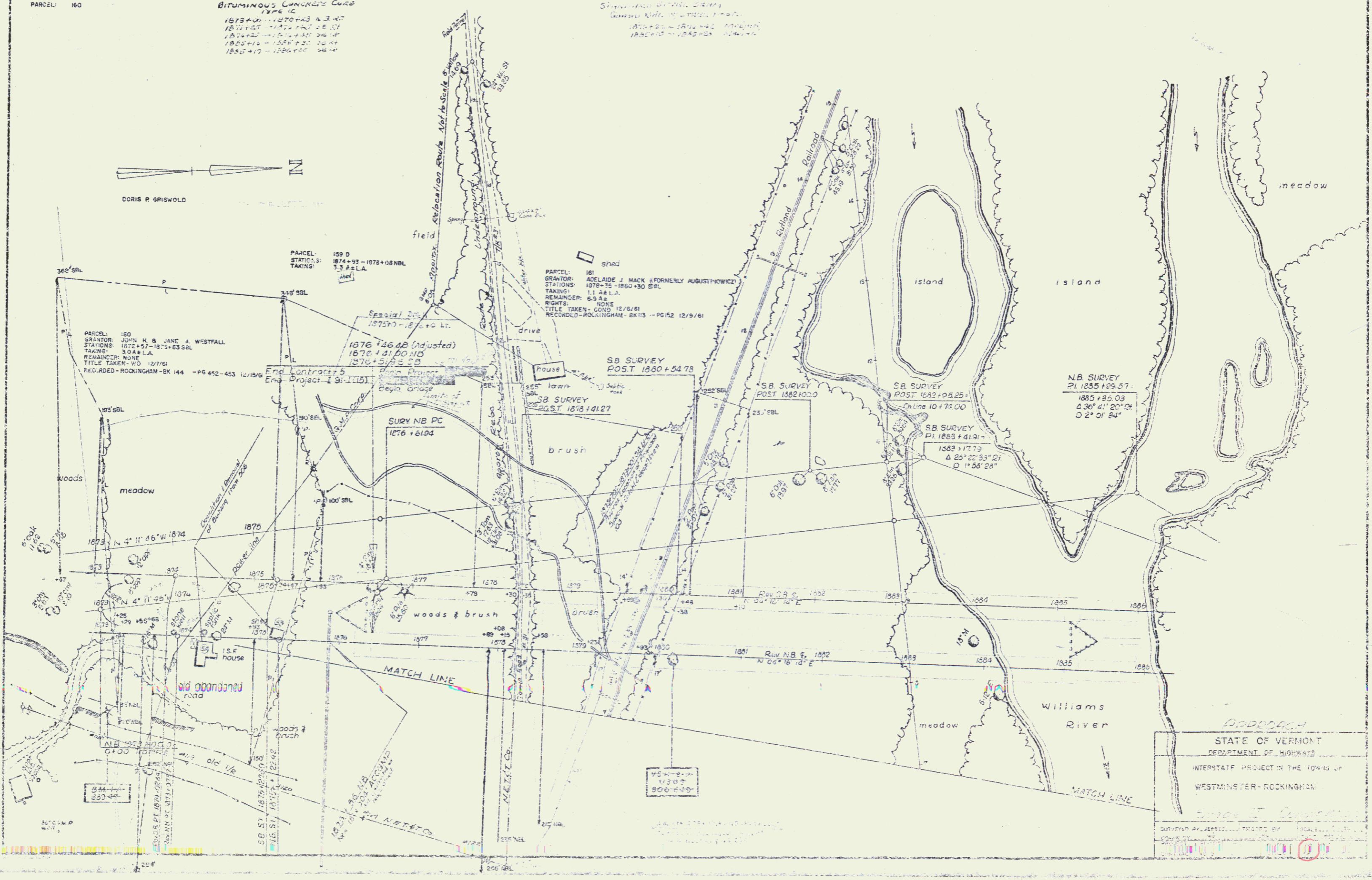
PARCEL: 160

**BITUMINOUS CONCRETE CURB  
TYPE 12**  
1875+00 - 1870+00 4.3' RT  
1870+00 - 1875+00 4.3' LT  
1875+00 - 1880+00 4.3' RT  
1880+00 - 1885+00 4.3' LT  
1885+00 - 1890+00 4.3' RT

Station 1880+00 to 1885+00  
Gravel Rd. 10' - 12' wide  
1880+00 - 1885+00 4.3' RT  
1885+00 - 1890+00 4.3' LT



CORIS R. GRISWOLD



PARCEL: 160  
GRANTOR: JOHN K. & JANE A. WESTFALL  
STATIONS: 1872+57 - 1875+83 SBL  
TAKING: 30 A.E.L.A.  
REMAINDER: NONE  
TITLE TAKEN: 10/19/61  
RECORDED - ROCKINGHAM - BK 144 - PG 452-453 12/18/60

PARCEL: 161  
GRANTOR: ADELAIDE J. MACK (FORMERLY AUGUSTINOWICZ)  
STATIONS: 1878+75 - 1880+30 SBL  
TAKING: 11 A.E.L.A.  
REMAINDER: 6-9 A.E.  
RIGHTS: NONE  
TITLE TAKEN: COND 12/6/61  
RECORDED - ROCKINGHAM - BK 113 - PG 152 12/9/61

SURV NB PC  
1876+81.04

SB SURVEY  
POST 1880+54.78

SB SURVEY  
POST 1882+10.00

SB SURVEY  
POST 1882+04.25

NB SURVEY  
PI 1885+89.57

SB SURVEY  
PI 1883+41.91

844-100  
553-44

554-100  
506-44

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS  
INTERSTATE PROJECT IN THE TOWNS OF  
WESTMINSTER-ROCKINGHAM

APPROVED  
SURVEYED AND RECORDED BY: [Signature]  
[Stamp]

THREE TO BE RAISED  
Ramp D Sta 1100 to Sta 1200 L.F. Along Existing Route 103  
Route 103 Sta 1125 to Sta 1125 L.F. (Beyond Top of Grade)  
Route 103 Sta 1075 to Sta 1075 L.F. (at Maple in Traffic Island)

EXCAVATION & REMOVAL OF ROAD SURFACE BY RICHARD-ITEM 118-A  
Route 103 Sta 1110 to Sta 1115 R.L.  
Sta 1110 to Sta 1120 R.L.  
Sta 1120 to Sta 1130 L.F.

DRIVEWAY  
LEFT  
Route 103 Sta 1111  
Route 103 Sta 1120  
Route 103 Sta 1120

REMOVAL & DISPOSAL OF PRESENT GUARD RAIL, ITEM 550  
RIGHT  
Sta 8140 to Sta 8170 (74 L.F.)

PROPERTY LINE FENCE & STEEL PILING  
RIGHT  
Ramp D Sta 1100 to Sta 1110

THREE SINGLE COMPACT ROLLER PAVED  
Ramp D Sta 1100 to Sta 1110  
Ramp D Sta 1110 to Sta 1120  
Route 103 Sta 1120 to Sta 1125 L.F.

PARCEL: 1644  
GRANTOR: HENRY A & MILDRED G STODDARD  
STATIONS: 179+50-3+9 VT RTE 103  
TAKING: 1.1A±  
REMAINDER:

PARCEL: 1644  
STATIONS: 2+00-3+10 VT RTE 103  
TAKING: 1.2±  
TITLE TAKEN - COND 12/6/61  
RECORDED - ROCKINGHAM-BK 113 - PG 152 12/9/61

PARCEL: 1548  
GRANTOR: SACKINGHAM F OZS - III  
STATIONS: 179+50-1+50 VT RTE 103  
TAKING: 1.0± L.A.  
TITLE TAKEN - COND  
RECORDED - ROCKINGHAM-BK - PG

STANDARD STEEL BEAM GUARD RAIL WITH STEEL POSTS  
Rte. 103 Sta. 8+68 - 9+77 L.F.

PARCEL: 165  
GRANTOR: MARGARET R BE-HOON (FORMERLY HALL)  
STATIONS: 3+19-6+00 VT ROUTE 103  
TAKING: 0.6± L.A.  
REMAINDER: 1.1A±  
RIGHTS: DRAINAGE - STD 4+60 L.F.  
TITLE TAKEN - COND 12/6/61  
RECORDED - ROCKINGHAM-BK 113 - PG 152 12/9/61

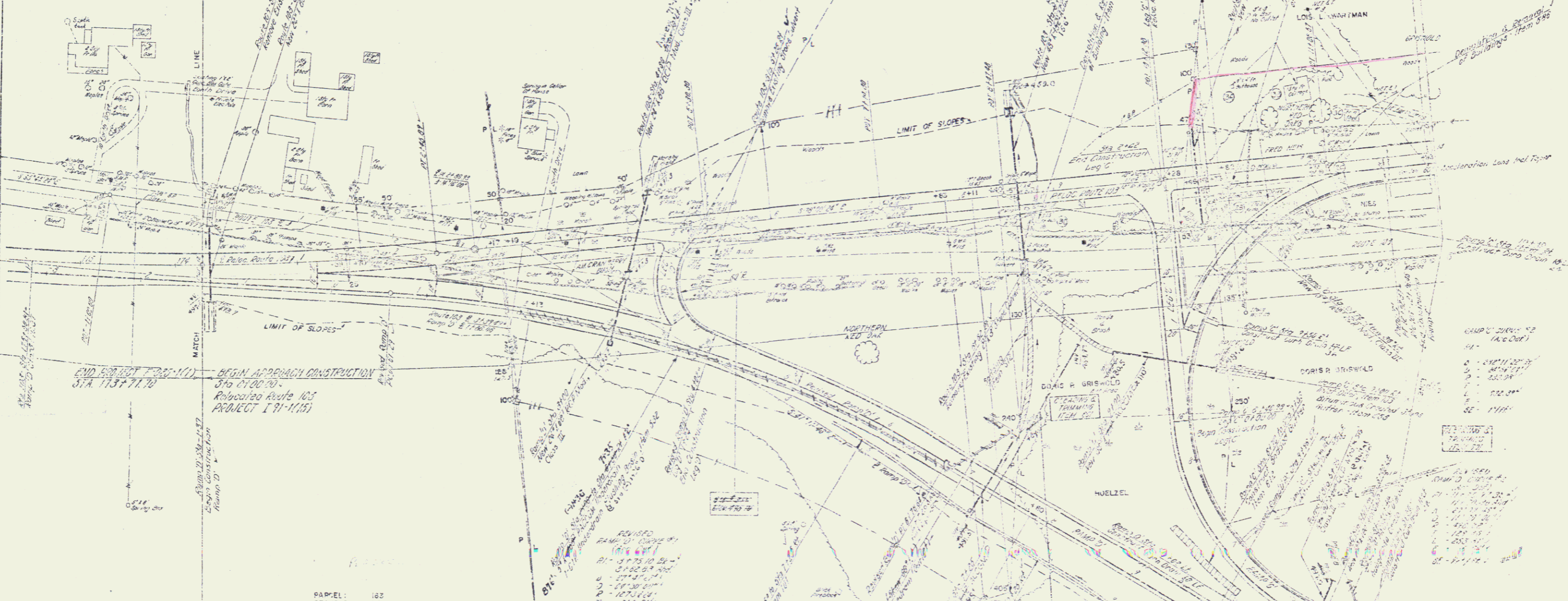
PARCEL: 1531 S.C.D.  
GRANTOR: EDWIN P SKELWOLD  
STATIONS: 102+80-157+08 BL  
TAKING: 10.2±  
REMAINDER: 19.8±  
TITLE TAKEN - COND - ROCKINGHAM-BK 113 - PG 152 12/9/61  
PARCEL: 159 A  
STATIONS: 3+40 VT RTE 103 - 1964+47 BL  
TAKING: 1.9± L.A.

PARCEL: 155 B  
STATIONS: 5+2-0+61 VT RTE 103  
TAKING: 1.7 A±

Gravel Slope Edging Item 355-A  
Ramp D Sta 1100 - 1110 L.F.  
Leg D Sta 1100 - 1120 L.F.  
Ramp D Sta 1100 - 1120 L.F.  
Rte 103 Sta 1125 - 1125 L.F.

STONE FILL  
Ramp C Sta 1125 - 1125 L.F.  
Ramp D Sta 1125 L.F.

ROUTE 103 CURVE DATA  
(See Det)  
PI - 178+70.31 R.L. - 1  
PT - 178+50.00 R.L. - 1  
PC - 178+50.00 R.L. - 1  
D - 200.00  
E - 200.00  
L - 140.00  
S - 140.00  
T - 140.00



END PROJECT I (R-111)  
Sta 1134+77.70

BEGIN APPROACH CONSTRUCTION  
Sta 1100+00  
Revised Route 103  
PROJECT I (R-111)

PARCEL: 162  
GRANTOR: RAYMOND W & EDITH I PERRY  
STATIONS: 3+17-8+57 VT RTE 103  
TAKING: 2.1± L.A.  
REMAINDER: 1.7±  
RIGHTS: 1.50± OF ACCESS 1.7± L.F.  
Sta. 317 - 01.57± VT RTE 103  
TITLE TAKEN - WD 103/61  
RECORDED - ROCKINGHAM-BK 114 - PG 419-50 12/25/61

REVISIONS  
1 - 11/11/61  
2 - 11/11/61  
3 - 11/11/61  
4 - 11/11/61  
5 - 11/11/61  
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9 - 11/11/61  
10 - 11/11/61

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS  
INTERSTATE PROJECT IN THE TOWN OF  
WESTMINSTER ROCKINGHAM

WILLIAM C. WILSON  
REGISTERED PROFESSIONAL ENGINEER  
No. 11111  
1961  
SHEET 21 OF 41

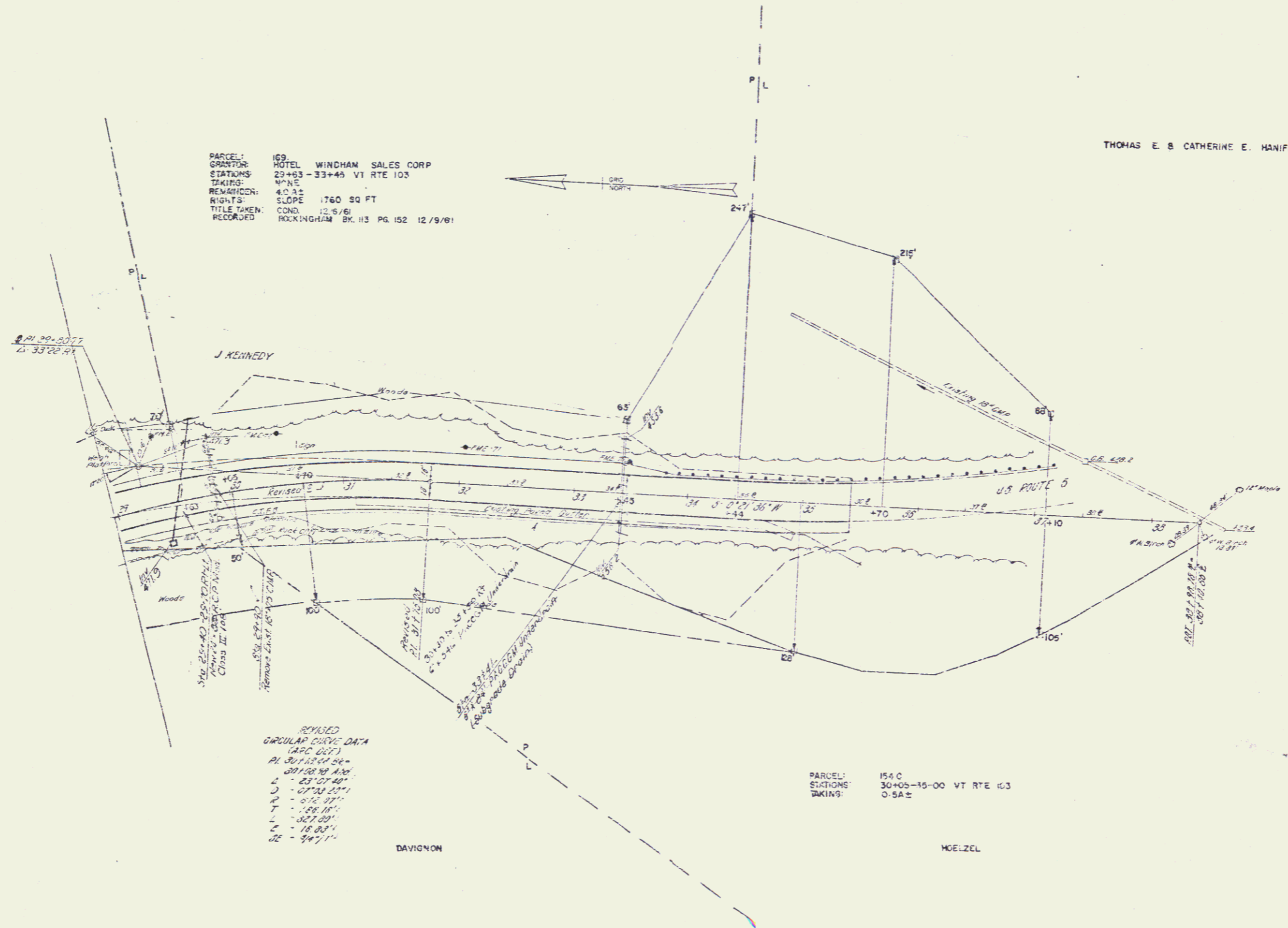
POOR ORIGINAL COPY

STONE FILL  
Rm. 5.5m. 33+00-35+98 R/L

REMOVAL & DISPOSAL OF PRESENT GUARD RAIL - ITEM 530  
LEFT  
Sta 33+15 to Sta 35+41

THREE CABLE GUARD RAIL WITH STEEL POSTS  
LEFT  
Sta 35+15 to Sta 35+41  
35+15 to 35+28

DRILLING & BLASTING OF SOLID ROCK SUBGRADE - ITEM 114 1/2  
Sta 29+00 to Sta 33+00



PARCEL: 169  
GRANTOR: HOTEL WINDHAM SALES CORP  
STATIONS: 23+03-33+45 VT RTE 103  
TAKING: NONE  
REMARKS: 4.0.31  
RIGHTS: SLOPE 1760 SQ FT  
TITLE TAKEN: COND. 12/5/81  
RECORDED: ROCKINGHAM BK. 113 PG. 152 12/9/81

THOMAS E. B. CATHERINE E. HANIFIN

SPYKED  
CIRCULAR CURVE DATA  
(APC 607)  
PI 307+13.00  
R 237.10  
L 237.10  
T 168.11'  
L 168.11'  
L 168.11'  
L 168.11'

PARCEL: 154 C  
STATIONS: 30+00-15-00 VT RTE 103  
TAKING: 0-5A±

DAVIGNON

MOELZEL

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS  
INTERSTATE PROJECT IN THE TOWNS OF  
WESTMINSTER ROCKINGHAM

WILLIAM H. McFARLAND  
ENGINEER

DATE: 12/15/81  
DRAWN BY: J. CHAPMAN  
CHECKED BY: J. CHAPMAN  
DESIGNED BY: J. CHAPMAN  
CONTRACT NO.: 103-103  
SHEET 25 OF 40