

SHEET NO.

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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 (B)

Interstate Route 191

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 = 90000 FEET = 1705 MILES

DESIGN DESIGNATION
AD-1960 = 2280
AD-1975 = 2280
AD-1975 = 715
D = 54%
V = 170 MPH

RIGHT-OF-WAY
and Construction Plans

POOR ORIGINAL COPY

MP 29.04-35.41

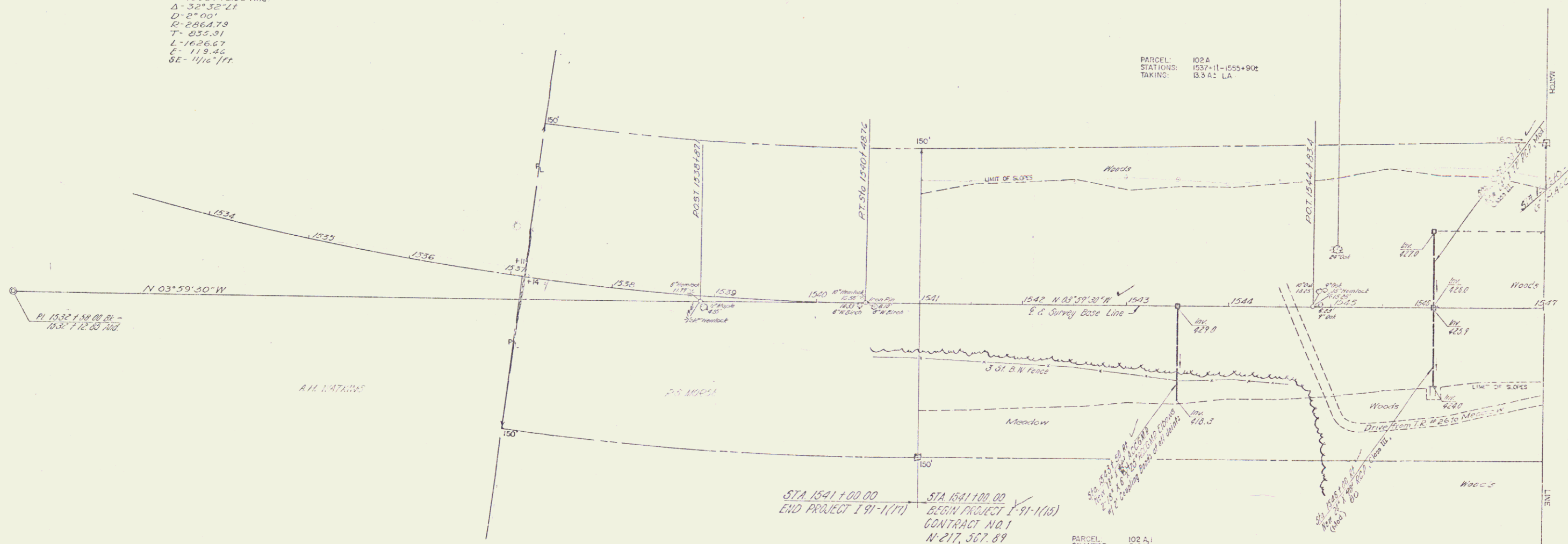
Property line same w/ lot # 105
Rd 101 STA 1541.00 to STA 1541.10

THREE CORNER SURVEY WITH WITNESS POSTS
LEFT
Sta 1531+00 TO 1541+00
1541+00 1541+00
1541+00 1541+00



SURVEY &
ARC DEFINITION
DL 1532+50.0 BL
1532+12.85 Mid
Δ=32°32'41"
D=2°00'
R=2864.73
T=635.91
L=1626.67
E=119.46
SE=1/16" FT

PARCEL: 102A
STATIONS: 1537+11-1555+902
TAKING: 15.842 LA



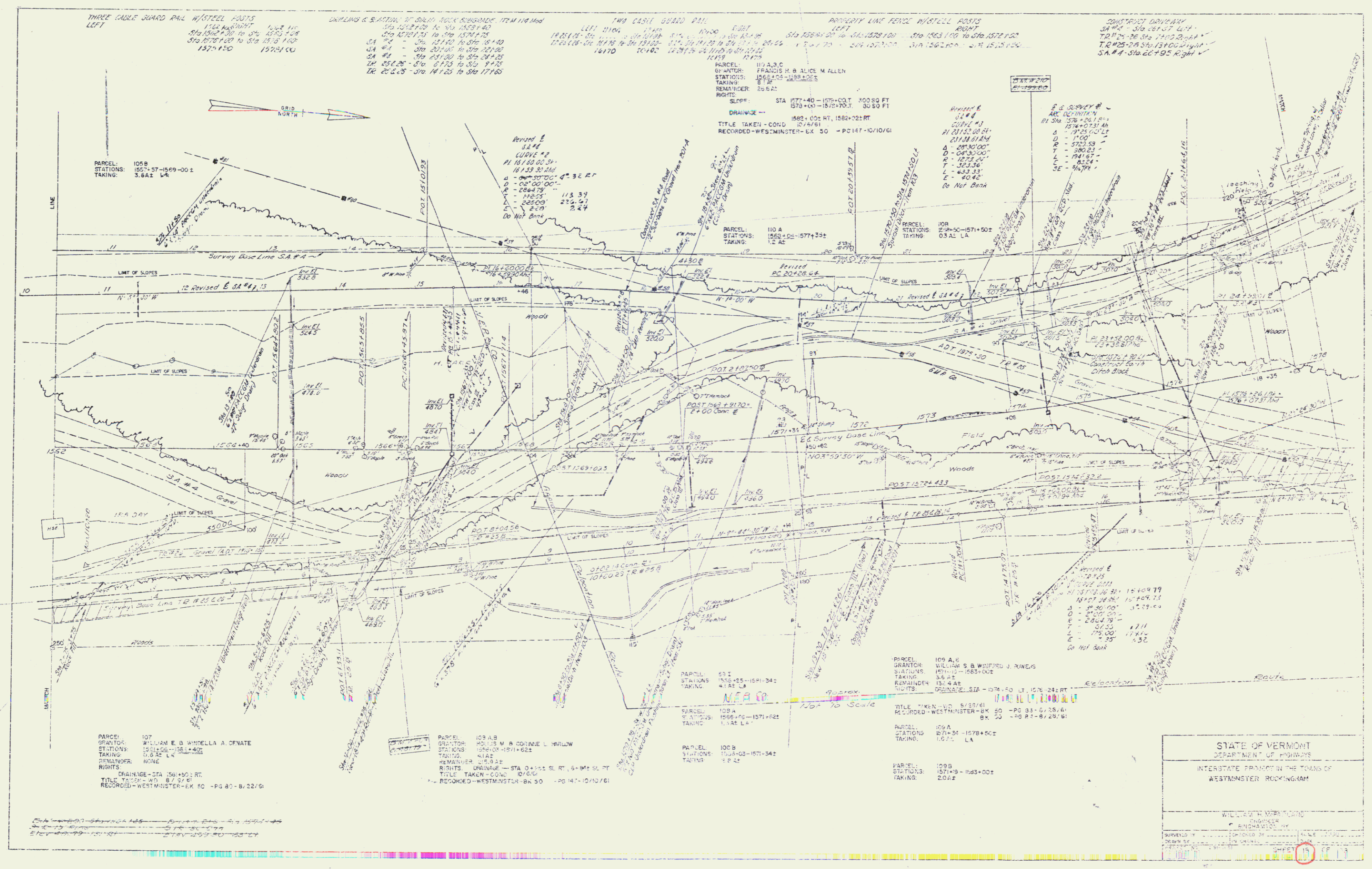
STA 1541+00.00
END PROJECT 191-1(14)
STA 1541+00.00
BEGIN PROJECT 191-1(15)
CONTRACT NO. 1
N-217,567.89
E-512,168.29

PARCEL: 102 A
GRANTOR: RIDGEMOUNT S. MORSE
STATIONS: 1537+11 - 1555+902
TAKING: 15.842 LA
RIGHTS: 79.742

DRAINAGE- STA 1541+00.00 RT, 1543+501 RT,
1546+001 RT, 1548+501 RT,
1551+001 RT, 1553+501 RT,
1555+501 RT
TITLE TAKEN- COAD 1/16/78
RECORDED- WESTMINSTER-CK 50 PG 147-10/10/61

2-14-1967 STA 1545+103.0
517' 24" ONLY
61-445.10 50' 0"

STATE OF VERMONT DEPARTMENT OF HIGHWAYS	
INTERSTATE PROJECT IN THE TOWNS OF WESTMINSTER ROCKINGHAM	
WILLIAM W. WILSON ENGINEER	
DESIGNED BY W. W. WILSON	CHECKED BY S. C. C. C.
SHEET 14 OF 136	



THREE CABLE GUARD RAIL W/STEEL POSTS
LEFT
1550+00 TO 1555+00
1555+00 TO 1560+00
1560+00 TO 1565+00
1565+00 TO 1570+00
1570+00 TO 1575+00

DRILLING & BATHING OF SOIL ROCK SUBGRADE ITEM 114.00
1550+00 TO 1555+00
1555+00 TO 1560+00
1560+00 TO 1565+00
1565+00 TO 1570+00
1570+00 TO 1575+00

TWO CABLE GUARD RAIL
LEFT
1550+00 TO 1555+00
1555+00 TO 1560+00
1560+00 TO 1565+00
1565+00 TO 1570+00
1570+00 TO 1575+00

PROPERTY LINE FENCE W/STEEL POSTS
LEFT
1550+00 TO 1555+00
1555+00 TO 1560+00
1560+00 TO 1565+00
1565+00 TO 1570+00
1570+00 TO 1575+00

CONSTRUCT DRIVEWAY
1550+00 TO 1555+00
1555+00 TO 1560+00
1560+00 TO 1565+00
1565+00 TO 1570+00
1570+00 TO 1575+00

PARCEL 1008
STATIONS: 1557+57-1569+00
TAKING: 3.642 LA

PARCEL 1009
STATIONS: 1557+57-1569+00
TAKING: 3.642 LA

PARCEL 1010
STATIONS: 1557+57-1569+00
TAKING: 3.642 LA

PARCEL 1011
STATIONS: 1557+57-1569+00
TAKING: 3.642 LA

PARCEL 1012
STATIONS: 1557+57-1569+00
TAKING: 3.642 LA

PARCEL 1007
GRANTOR: WILLIAM E. B. WHIPPLE A. C. FRYE
STATIONS: 1550+00-1560+00
TAKING: 10.042 LA
REMARKS: NONE
RIGHTS: DRAINAGE - STA 1550+00 RT
TITLE TAKEN - WD 5/23/61
RECORDED - WESTMINSTER - BK 50 - PG 80 - 8/22/61

PARCEL 1008
GRANTOR: WILLIAM E. B. WHIPPLE A. C. FRYE
STATIONS: 1550+00-1560+00
TAKING: 10.042 LA
REMARKS: NONE
RIGHTS: DRAINAGE - STA 1550+00 RT
TITLE TAKEN - WD 5/23/61
RECORDED - WESTMINSTER - BK 50 - PG 80 - 8/22/61

PARCEL 1009
GRANTOR: WILLIAM E. B. WHIPPLE A. C. FRYE
STATIONS: 1550+00-1560+00
TAKING: 10.042 LA
REMARKS: NONE
RIGHTS: DRAINAGE - STA 1550+00 RT
TITLE TAKEN - WD 5/23/61
RECORDED - WESTMINSTER - BK 50 - PG 80 - 8/22/61

PARCEL 1010
GRANTOR: WILLIAM E. B. WHIPPLE A. C. FRYE
STATIONS: 1550+00-1560+00
TAKING: 10.042 LA
REMARKS: NONE
RIGHTS: DRAINAGE - STA 1550+00 RT
TITLE TAKEN - WD 5/23/61
RECORDED - WESTMINSTER - BK 50 - PG 80 - 8/22/61

PARCEL 1011
GRANTOR: WILLIAM E. B. WHIPPLE A. C. FRYE
STATIONS: 1550+00-1560+00
TAKING: 10.042 LA
REMARKS: NONE
RIGHTS: DRAINAGE - STA 1550+00 RT
TITLE TAKEN - WD 5/23/61
RECORDED - WESTMINSTER - BK 50 - PG 80 - 8/22/61

PARCEL 1012
GRANTOR: WILLIAM E. B. WHIPPLE A. C. FRYE
STATIONS: 1550+00-1560+00
TAKING: 10.042 LA
REMARKS: NONE
RIGHTS: DRAINAGE - STA 1550+00 RT
TITLE TAKEN - WD 5/23/61
RECORDED - WESTMINSTER - BK 50 - PG 80 - 8/22/61

STATE OF VERMONT DEPARTMENT OF HIGHWAYS	
INTERSTATE 91 IN THE TOWN OF WESTMINSTER ROCKINGHAM	
WILLIAM H. MERRIAM SURVEYOR	
DRAWN BY: [Name]	
CHECKED BY: [Name]	
DATE: 10/10/61	

PROPERTY LINE FENCE W/STEEL POSTS
LEFT
Sta 1578+00 to Sta 1580+00
1578+00 1580+00

CONSTANT DRIVEWAY
34' 4" DIA. 26' 8" 15' 15"

SPECIAL GRASS SEED (SLOPE PROTECTION)
Sta 1577+00 to Sta 1582+75 R/L
Sta 1582+75 to Sta 1582+75 R/L

TRD CARL GUARD RAIL
LEFT
Sta 1578+00 to Sta 1582+75
1578+00 1582+75

DRILLING & PLACING OF SOLID ROCK SUBGRADE ITEM 114 MOD
1578+00 to Sta 1582+75

THREE CABLE GUARD RAIL W/STEEL POSTS
LEFT
Sta 1582+75 to Sta 1583+00
1582+75 1583+00

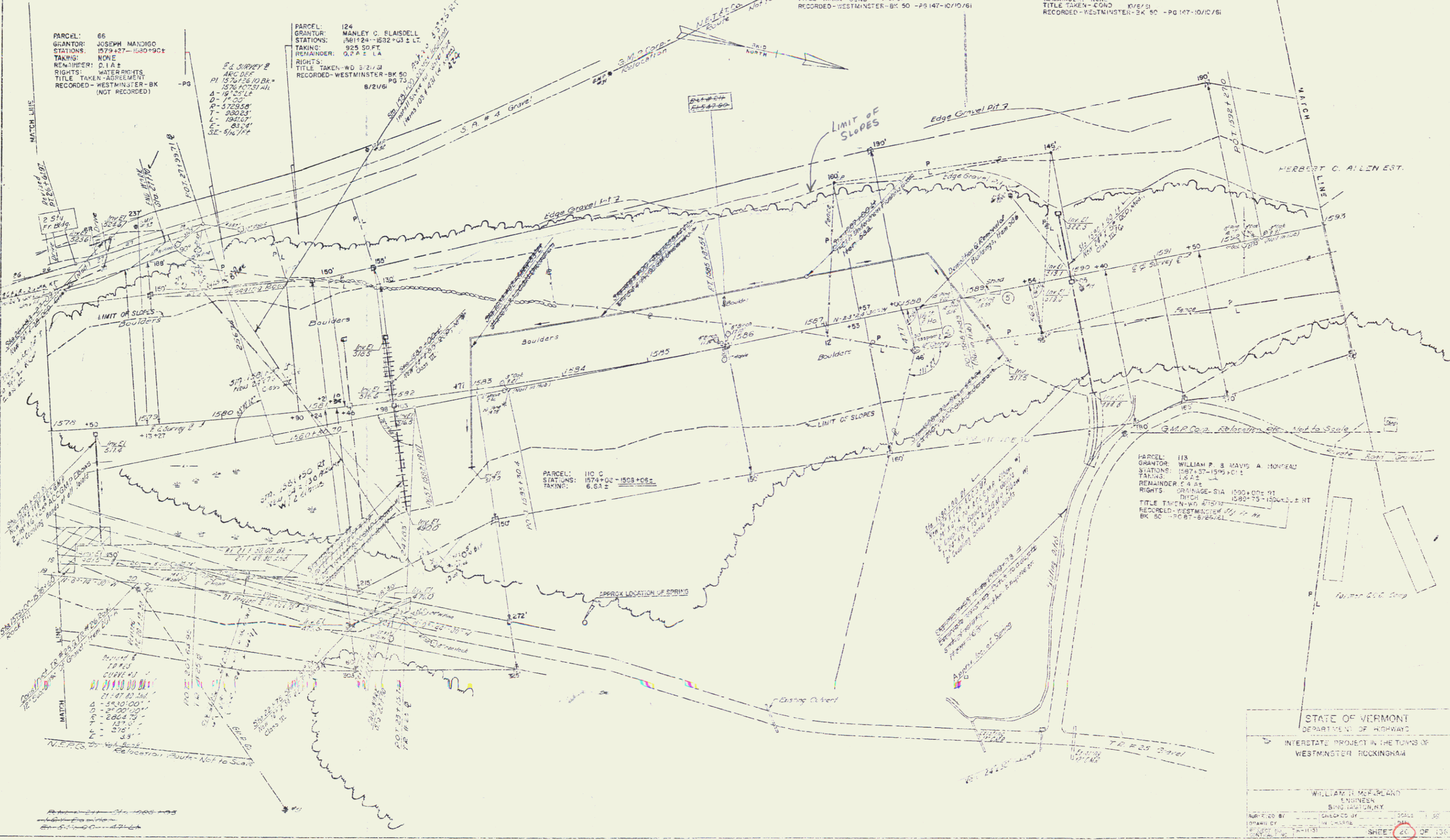
PARCEL: 66
GRANTOR: JOSEPH MANDIGO
STATIONS: 1579+27 - 1580+96
TAKING: NONE
REMARKS: D.I.A.
RIGHTS: WATER RIGHTS
TITLE TAKEN: AGREEMENT
RECORDED: WESTMINSTER-BK
(NOT RECORDED)

PARCEL: 124
GRANTOR: MANLEY C. BLAISDELL
STATIONS: 1581+24 - 1582+03 L/L
TAKING: 925 SQ. FT.
REMARKS: 0.2 A.E. LA
RIGHTS: TITLE TAKEN: WD 3/21/61
RECORDED: WESTMINSTER-BK 50
PG 73

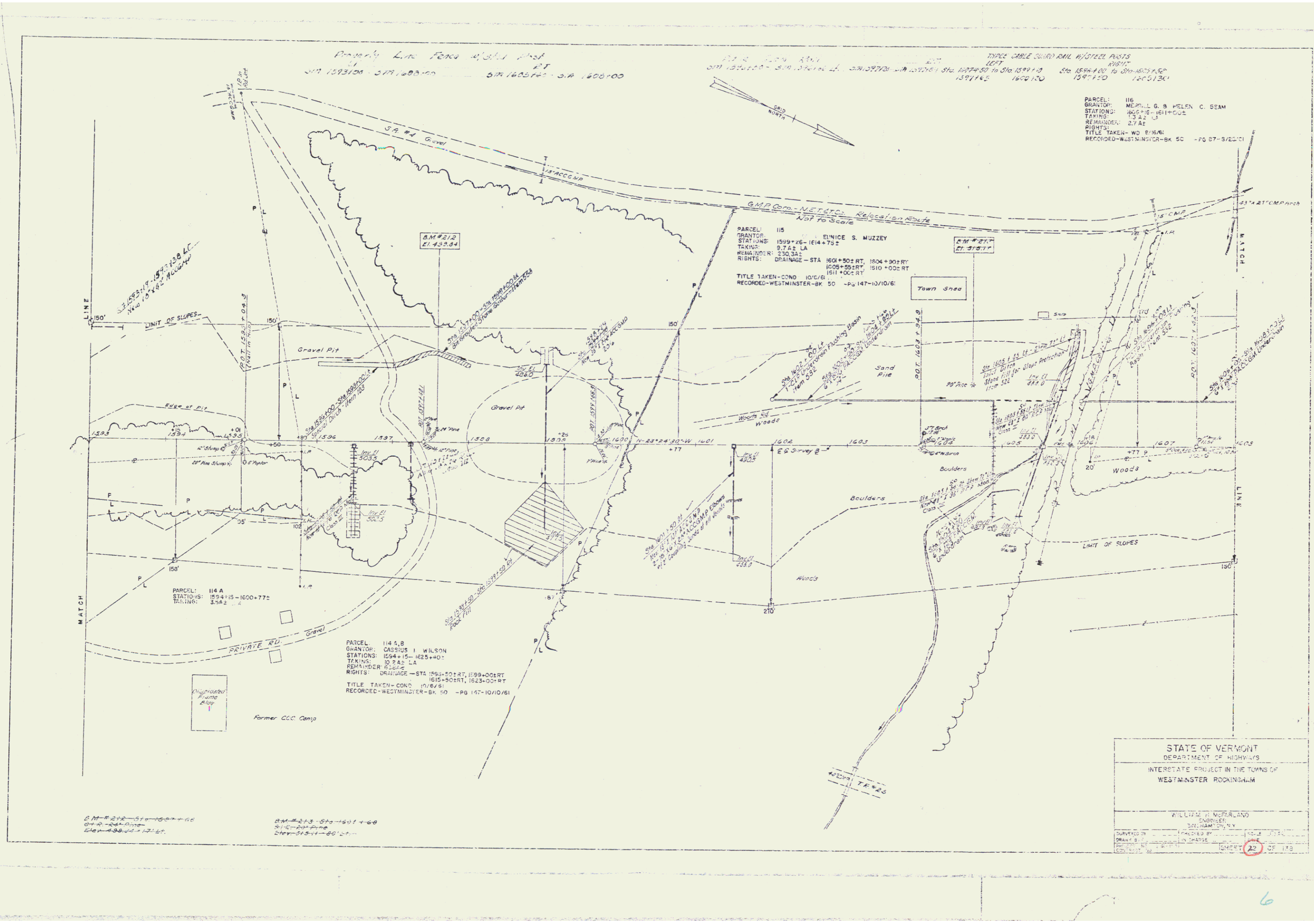
PARCEL: 111
GRANTOR: CHRISTIAN FAMILY CIRCLE, INC
STATIONS: 1581+48 - 1585+80
TAKING: 2.5 A.E. LA
REMARKS: 11/1/61
TITLE TAKEN: COND. 10/6/61
RECORDED: WESTMINSTER-BK 50 - PG 147-10/10/61

PARCEL: 112
GRANTOR: JOHN H. & DONATHY M. ALLEN
STATIONS: 1587+11 - 1590+00
TAKING: 11 A.E. LA
REMARKS: NONE
TITLE TAKEN: COND. 11/6/61
RECORDED: WESTMINSTER-BK 50 - PG 147-10/10/61

PARCEL: 113
GRANTOR: WILLIAM P. & MAVIS A. MONFORD
STATIONS: 1587+37 - 1595+00
TAKING: 10 A.E. LA
REMARKS: D.I.A.
RIGHTS: DRAINAGE-SIA 1580+00 to 1582+75
TITLE TAKEN: AGREEMENT 1580+00 to 1582+75
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	
DESIGNED BY	CHECKED BY
DRAWN BY	IN CHARGE
SHEET 20 OF 136	



Property Line Fence 4/24/1964
ST 1594+00 - STA 1600+00
ST 1594+00 - STA 1600+00
ST 1594+00 - STA 1600+00

TYPE CABLE GUARD RAIL W/STEEL POSTS
LEFT
RIGHT
ST 1594+00 TO STA 1600+00
ST 1594+00 TO STA 1600+00
ST 1594+00 TO STA 1600+00

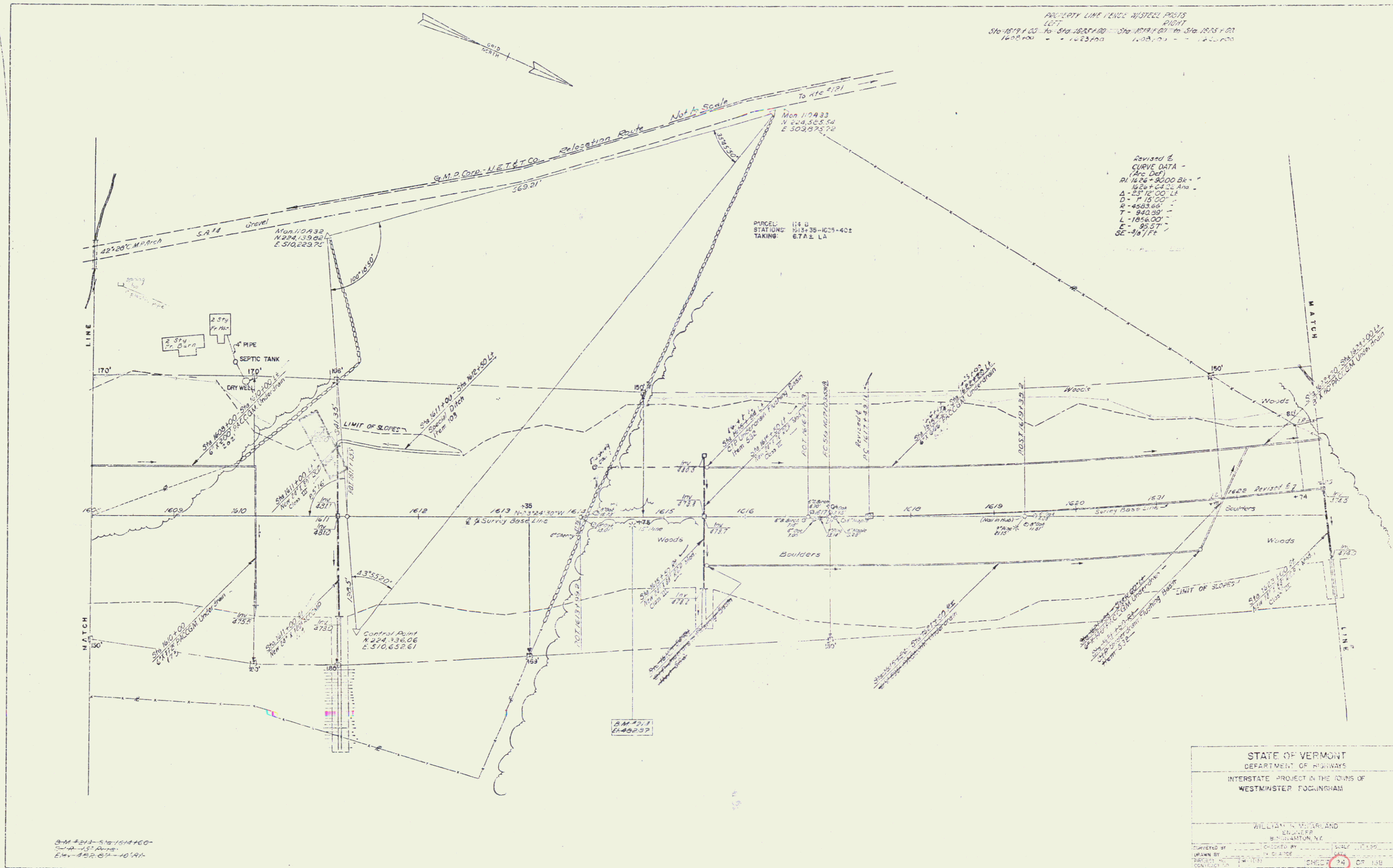
PARCEL 116
GRANTOR: MERRILL G. & HELEN C. SEAM
STATIONING: 1594+00 TO 1600+00
TAKING: 2.7 AC
REMAINDER: 2.7 AC
RIGHTS: 1594+00 TO 1600+00
TITLE TAKEN: WD 8/16/61
RECORDED: WESTMINSTER-BK 50 - PG 87-3/22/61

PARCEL 115
GRANTOR: ELVINA S. MUZZEV
STATIONING: 1594+00 TO 1600+00
TAKING: 2.7 AC LA
REMAINDER: 2.7 AC LA
RIGHTS: 1594+00 TO 1600+00
TITLE TAKEN: COND 10/6/61
RECORDED: WESTMINSTER-BK 50 - PG 147-10/10/61

PARCEL 114A
GRANTOR: CASSIUS I. WILSON
STATIONING: 1594+00 TO 1600+00
TAKING: 2.7 AC LA
REMAINDER: 2.7 AC LA
RIGHTS: 1594+00 TO 1600+00
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
SHEPARD, VERMONT
SURVEYED BY: [] PREPARED BY: []
DRAWN BY: [] IN CHARGE: []
CHECKED BY: []



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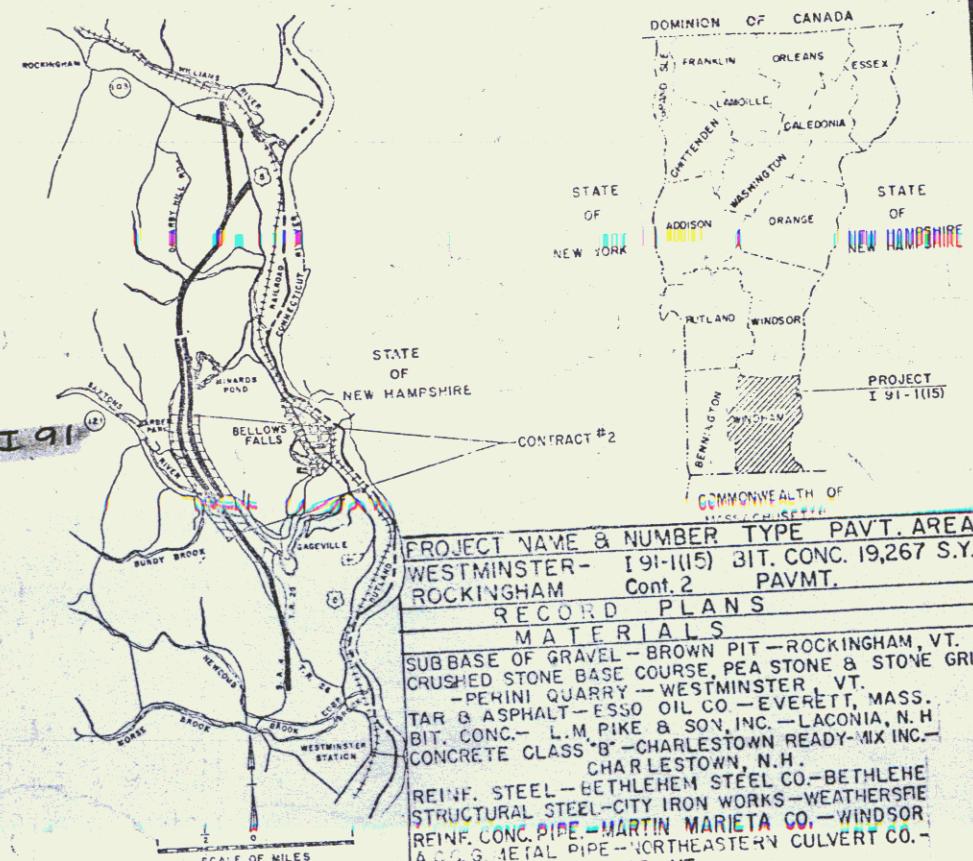
STATE OF VERMONT DEPARTMENT OF HIGHWAYS

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 SBL 1704+00
LENGTH OF ROADWAY = 6,692.50 FEET = 1.267 MILES
LENGTH OF BRIDGE = 532.50 FEET = 0.101 MILES
LENGTH OF CONTRACT = 7,225.00 FEET = 1.368 MILES

DESIGN DESIGNATION
ADT - 2280
ADT - 5060
D.V. - 715
T - 54%
D - 70 MPH

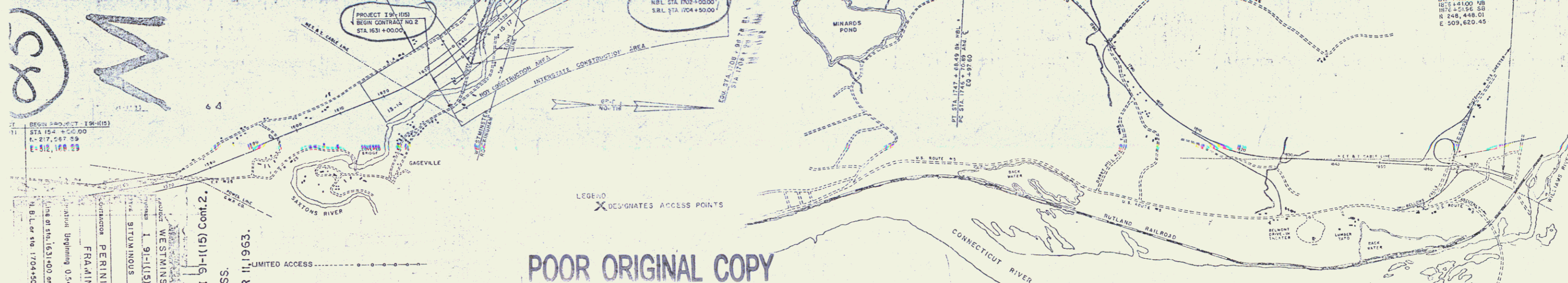


PROJECT NAME & NUMBER TYPE PAVT. AREA
WESTMINSTER- 191-1(15) 31T. CONC. 19,267 S.Y.
ROCKINGHAM Cont. 2 PAVMT.

RECORD PLANS
SUBBASE OF GRAVEL - BROWN PIT - ROCKINGHAM, VT.
CRUSHED STONE BASE COURSE, PEA STONE & STONE GRITS
- PERINI 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 - BETHLEHEM STEEL CO. - BETHLEHEM, PA.
STRUCTURAL STEEL - CITY IRON WORKS - WEATHERSPE
REINF. CONC. PIPE - MARTIN MARIETTA CO. - WINDSOR,
Vt.
ALUM. 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
DATED - MARCH 16, 1962.
STARTED - APRIL 5, 1962.
COMPLETED - SEPT. 11, 1963.
ACCEPTED - SEPT. 11, 1963.

STA. 1876+46.48
END CONTRACT NO. 1
BEG. PROJECT I 91-1(15)
N 248,448.01
E 509,600.45



RIGHT-OF-WAY and Construction Plans

WESTMINSTER-ROCKINGHAM
CONTRACTOR - PERINI CORP.
FRAMINGHAM, MASS.
RECORD PLANS - LEON TESSIER
COMPLETED - SEPTEMBER 11, 1963.

WESTMINSTER-ROCKINGHAM
CONTRACT NO. 2
BIRMINGHAM CONCRETE PAVEMENT
LIMITED ACCESS
SLOPE RIGHTS

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 ON TANGENT POT
POINT ON ACHORD POA

LEGEND
X DESIGNATES ACCESS POINTS

SCALES
1" = 1000'

TITLE
TYPICALS AS NOTED
PLAN HORIZONTAL
PROFILE VERTICAL
CROSS-SECTIONS VERTICAL

DESIGNED AND RECOMMENDED
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 ROADWAY 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
DATE
PROJECT NO. 191-1(15)
CONTRACT NO. 2

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

ORIGINAL GRADE AND PROTECTION
Sta 1631+25 to Sta 1631+50 Lr
STAY

RECEIPTS AND RAIL INVERT POSTS
RECEIPTS
Sta 1631+25 to Sta 1631+50 Lr
PROPERTY LINE FENCE W/STEEL POSTS
Sta 1631+00 to Sta 1631+00 Lr
To be constructed prior to commencement of
Interstate Construction in this area
Sta 1631+00 to Sta 1631+00 Lr

M-11, 110, 135
W206, 177, 25
E 300, 202, 13

STONE FILL
Sta 1631+75 Lr

B.M. 216
Elev 400.21

Revised
R CURVE DATA
(P.C. DATA)
PI 1626+80.00 Rk
1625+44.22 And
Δ = 23°12'11"
D = 1°18'
R = 4503.64'
T = 240.00'
L = 1052.00'
E = 25.57'
CF = 30' / ft



PARCEL: 119A
STATIONS: 1622+74-1616+00
TAKING: 15.3A±

END CONTRACT #1 BEGIN CONTRACT #2
Sta 1631+00.00
PROJECT 191-105

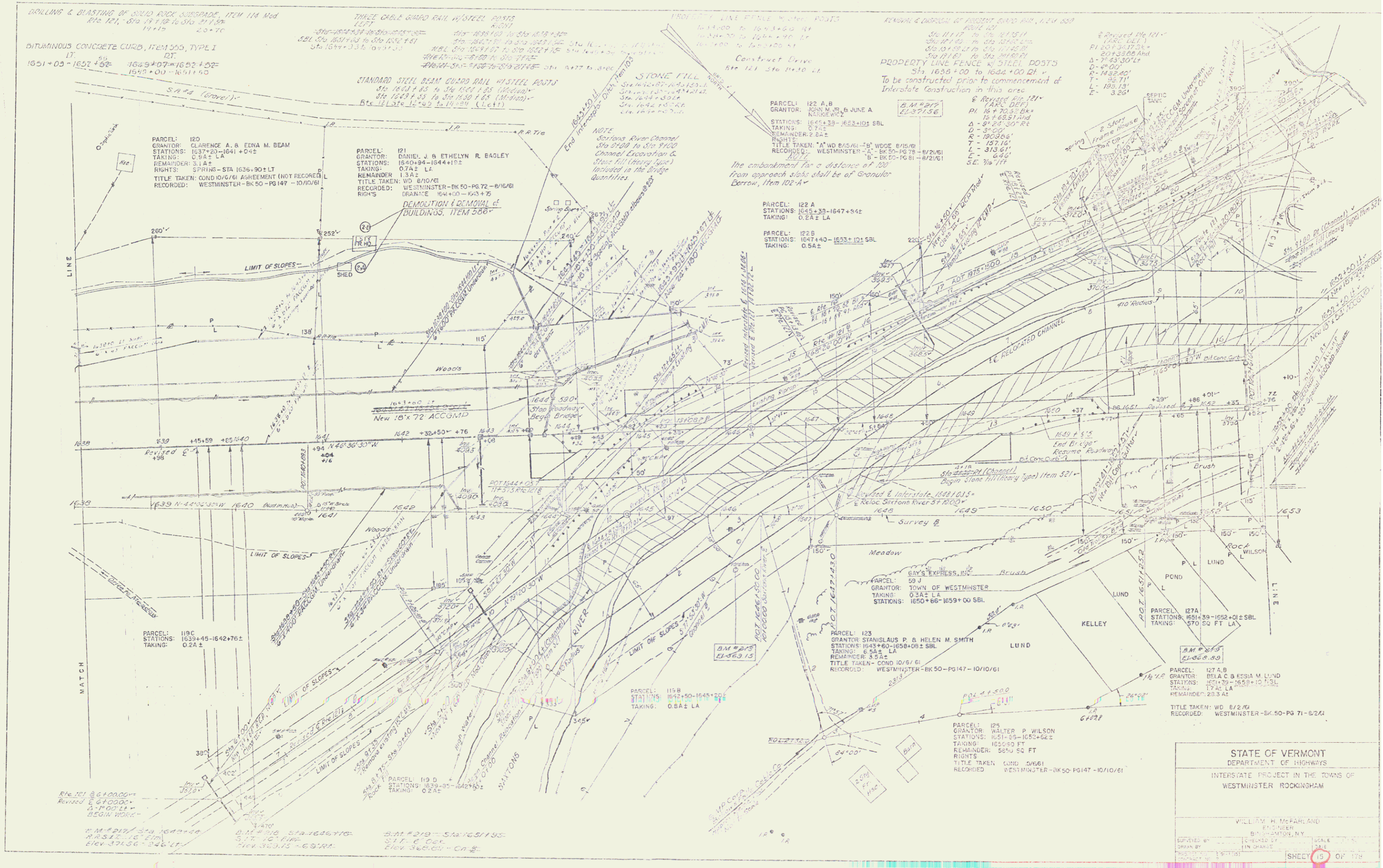
PARCEL: 119 A, B, C, D
OWNER: RAYMOND J. & HELEN M. COWING
B. CARLE M. & THERESA J. COWING
STATIONS: 1622+74-1616+00
TAKING: 15.3A±
FUNDING: 14.3A±
POINTS: 1627+00.00, 1626+25.00, 1631+00.00
1636+58.27, 1637+43.27, 1642+90.27
TITLE WHEN: COND 10/6/61
RECORDED: WESTMINSTER-BK 50-PG 147-10/10/61

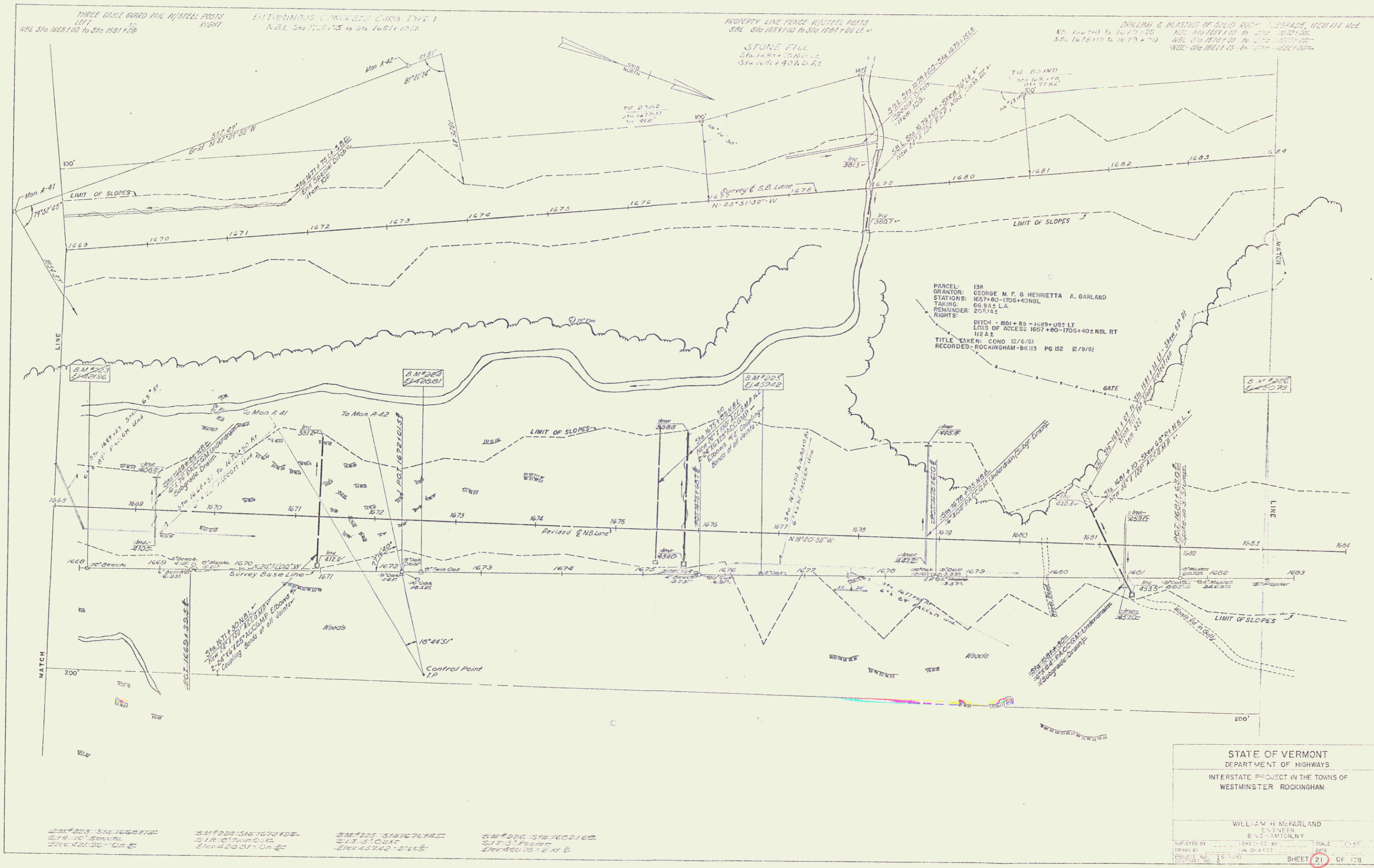
B.M. #215 Sta 1623+10
R.S. 1/15 Pine
Elev 401.27-530' Lr
B.M. #216 Sta 1635+00
R.S. 1/15 Pine
Elev 400.21-210' Lr

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

WILLIAM H. HARRIS
ENGINEER
SUNSHINE, N.Y.

DRAWN BY: J. HARRIS
CHECKED BY: J. HARRIS
DATE: 10/6/61
SHEET 13 OF 17

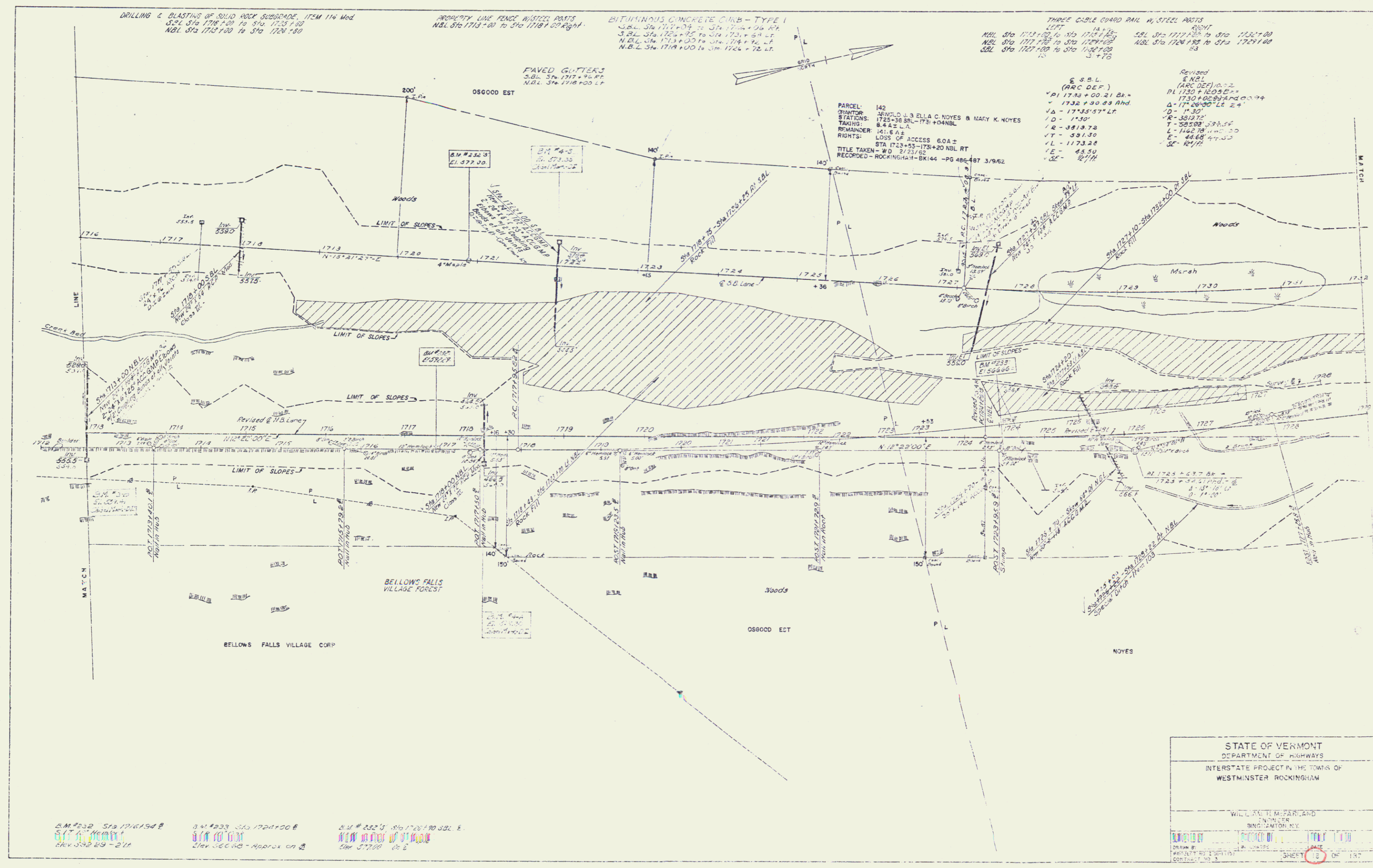




STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
INTERSTATE PROJECT IN THE TOWNS OF
WESTMINSTER ROCKINGHAM

WILLIAM H. MCFARLAND
ENGINEER
12 - BANTON, N.Y.

SURVEYED BY: _____ CHECKED BY: _____ SCALE: 1"=150'
DRAWN BY: _____ IN CHARGE: _____ DATE: _____
PROJECT NO. 1668-1694 SHEET 21 OF 178



B.M. #232 Sta 1716.194 E.
577.4' M
REV 552 89-214

B.M. #233 Sta 1724.00 E
577.4' M
REV 552 89-214

B.M. #232.5 Sta 1720.190 SBL E.
577.4' M
REV 5700 02 E

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

WILLIAM H. M. FARLAND
ENGINEER
BINGHAMTON, N.Y.

DRAWN BY: [Signature]
CHECKED BY: [Signature]
DATE: 10/1/89
SHEET 18 OF 187

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 114 Mod.
 SBL STA 1734+00 TO STA 1743+00
 NBL STA 1734+00 TO STA 1743+00
 SBL STA 1743+00 TO STA 1744+00
 NBL STA 1743+00 TO STA 1744+00

Q S.B.L.
 (ARC DEF)
 PI 1733+00.2184
 Δ = 173°35'37" LT
 D = 1730'
 R = 3819.72
 T = 331.30
 L = 1173.38
 E = 45.50
 SE = 12°11'

Revised
 S.B.L.
 (ARC DEF)
 PI 1730+00.2184
 Δ = 173°35'37" LT
 D = 1730'
 R = 3819.72
 T = 331.30
 L = 1173.38
 E = 45.50
 SE = 12°11'

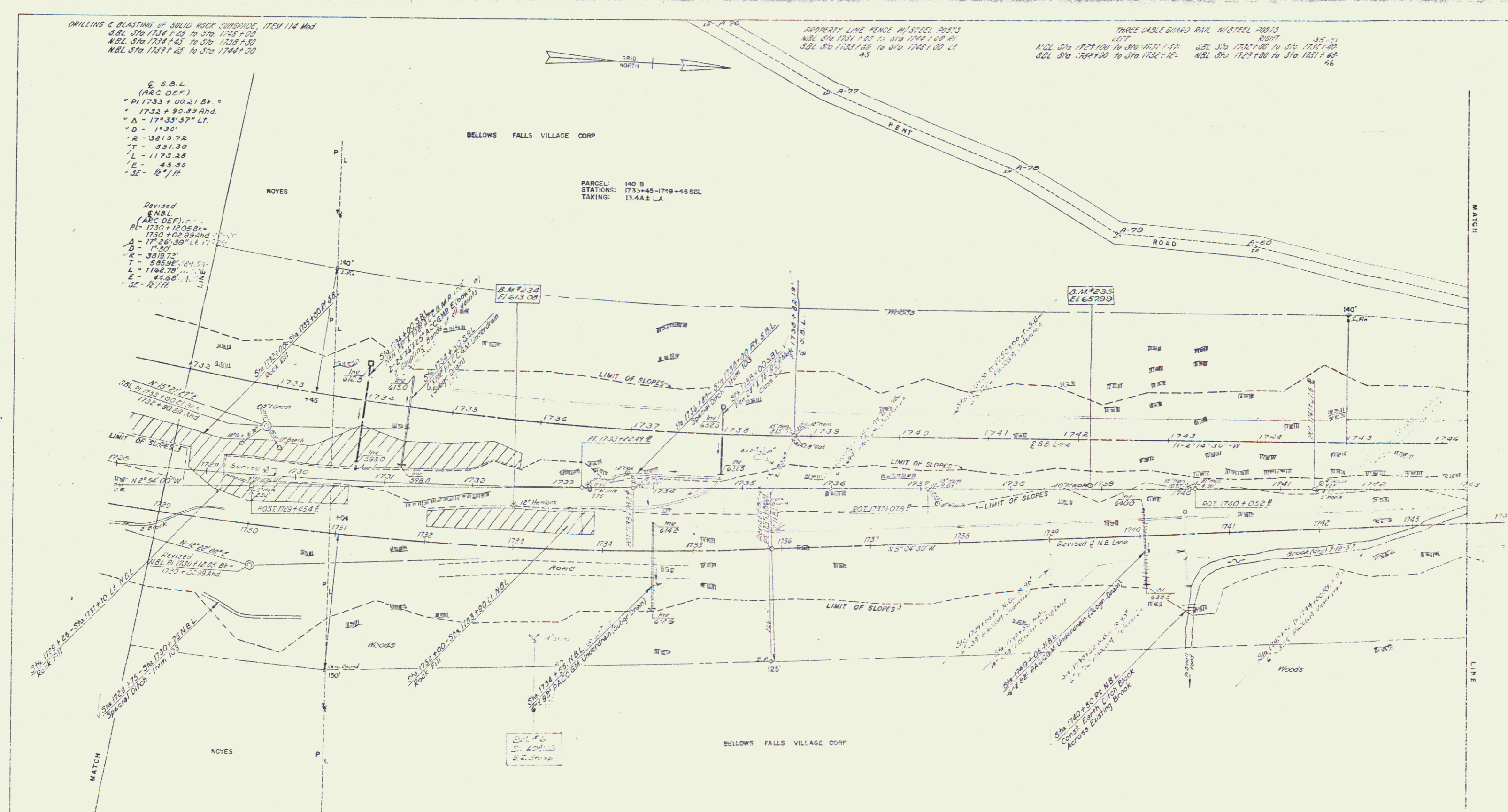


BELLOWS FALLS VILLAGE CORP

PARCEL: 140 B
 STATIONS: 1733+45-1749+45 SBL
 TAKING: 13.4A ± LA

PROPERTY LINE FENCE W/STEEL POSTS
 NBL STA 1731+00 TO STA 1744+00 PL
 SBL STA 1731+00 TO STA 1744+00 PL

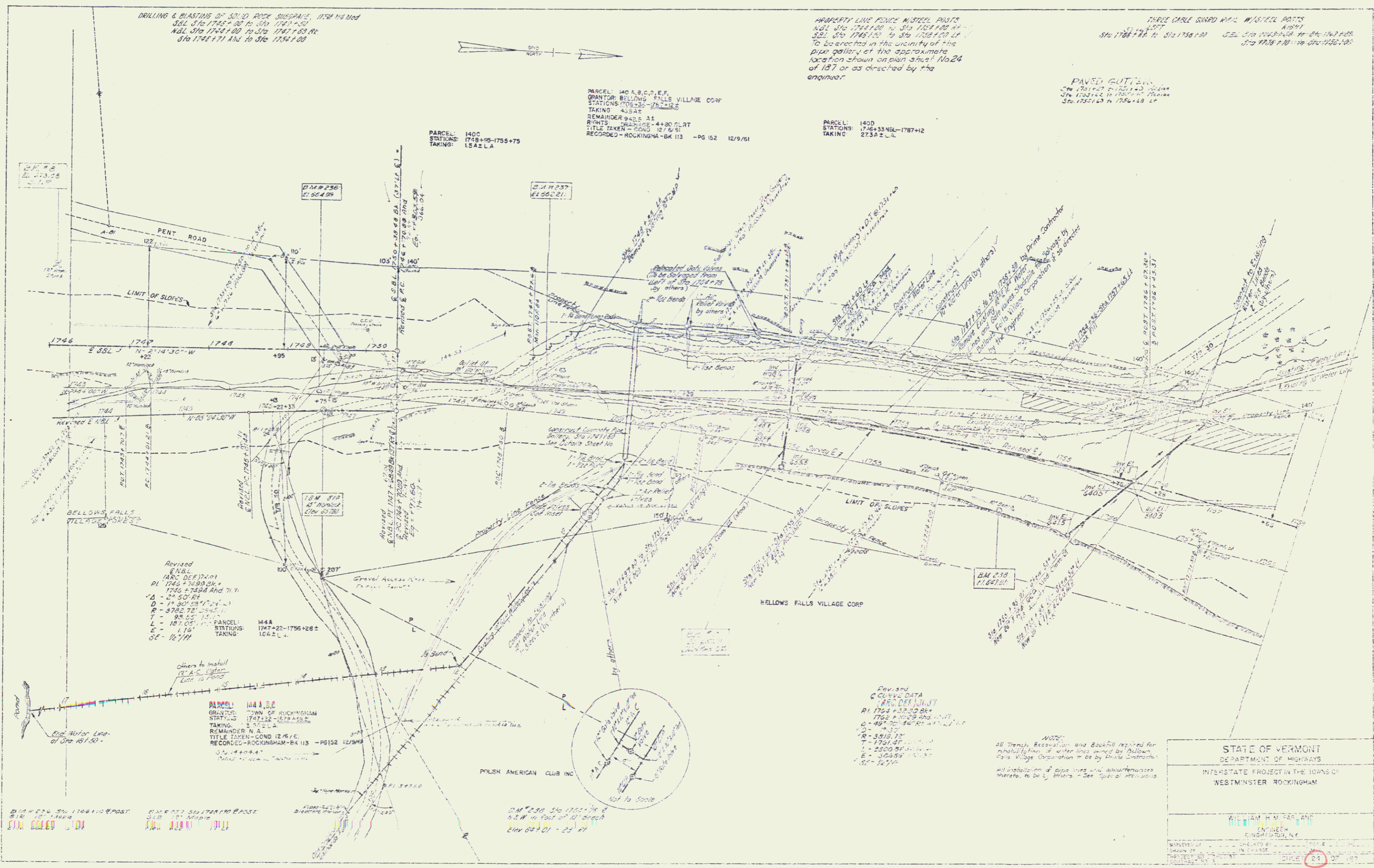
THREE CABLE GUARD RAIL W/STEEL POSTS
 LEFT
 NBL STA 1729+00 TO STA 1731+00
 SBL STA 1729+00 TO STA 1731+00
 RIGHT
 SBL STA 1731+00 TO STA 1744+00
 NBL STA 1731+00 TO STA 1744+00



3.M #234 STA 1732+42.2
 S.L.T. 12° NADICX
 ELEV 617.05 ± 20' RA

3.M #235 STA 1738+35.8
 S.L.T. 10° NADICX
 ELEV 657.98 ± 31'

STATE OF VERMONT DEPARTMENT OF HIGHWAYS	
INTERSTATE PROJECT IN THE TOWNS OF WESTMINSTER ROCKINGHAM	
WILLIAM H. MERRILLAND ENGINEER	
SURVEYED BY J. H. MERRILLAND	DESIGNED BY J. H. MERRILLAND
DATE 10/1/59	SHEET 61 OF 67



DRILLING & BLASTING OF SOLID ROCK SUBGRADE, NEW HAVEN
SBL STA 1746+00 TO STA 1747+00
SBL STA 1747+00 TO STA 1748+00
Sta 1746+71 And to Sta 1754+00

PARCEL: 140C
STATIONS: 1748+00-1755+75
TAKING: 1542 L.A.

PARCEL: 140 A, B, C, D, E, F
GRANTOR: BELLWALL FALLS VILLAGE CORP
STATIONS: 1748+00-1755+75
TAKING: 1542 L.A.
REMAINDER 942.5 A.L.
RIGHTS: GRANTOR 4420 CLRT
TITLE TAKEN - COND 12/6/51
RECORDED - ROCKINGHAM - BK 113 - PG 152 12/9/51

PROPERTY LINE FENCE NEEDED. POSTS
NGL STA 1746+00 to Sta 1754+00 AT
SBL STA 1746+00 to Sta 1754+00 AT
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 CABLE SHED MAIL W/STEEL POSTS
SBL STA 1746+00 to Sta 1754+00 AT
SBL STA 1746+00 to Sta 1754+00 AT
Sta 1746+00 to Sta 1754+00 AT
Sta 1746+00 to Sta 1754+00 AT

PAVED CUTTING
Sta 1746+00 to Sta 1754+00 AT
Sta 1746+00 to Sta 1754+00 AT
Sta 1746+00 to Sta 1754+00 AT

PARCEL: 140D
STATIONS: 1746+00-1754+12
TAKING: 2732 L.A.

Revised
NGL
ARC DE 17401
PL 1746+74.93 BK
1746+74.93 And 71.91
D - 25.50' RT
D - 75.30' RT
R - 3782.71' RT
T - 88.65' RT
L - 187.00' RT
E - 1.14' RT
SE - 12.71'

PARCEL: 144 A, B, C
GRANTOR: TOWN OF ROCKINGHAM
STATIONS: 1747+00-1756+28
TAKING: 1042 L.A.
REMAINDER 16 A.L.
TITLE TAKEN - COND 12/6/51
RECORDED - ROCKINGHAM - BK 113 - PG 152 12/9/51

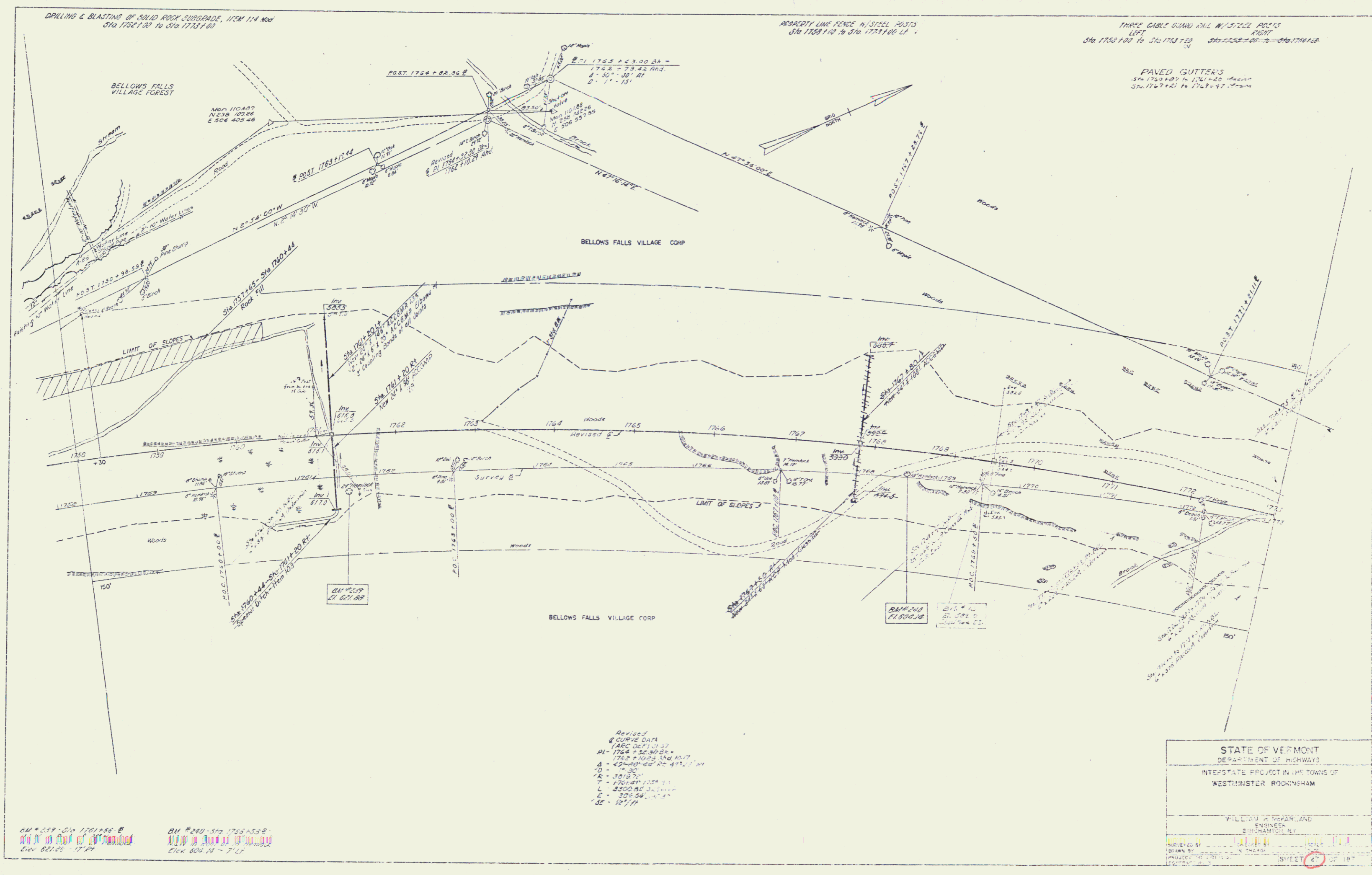
Dev. 304
CURVE DATA
ARC DEF JUNT
PL 1746+74.93 BK
1746+74.93 And 71.91
D - 25.50' RT
D - 75.30' RT
R - 3782.71' RT
T - 88.65' RT
L - 187.00' RT
E - 1.14' RT
SE - 12.71'

NOTE:
All Trench, Excavation and Backfill required for
installation of water lines owned by Bellows
Falls Village Corporation to be by those Contractors.
All installation of pipe lines and appurtenances
thereto, to be by others - See Special Provisions.

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

WILLIAM HARRIS AND
ENGINEER
SINGHAPOUR, N.Y.

SURVEYED BY: [Signature]
CHECKED BY: [Signature]
DESIGNED BY: [Signature]
DATE: 24/07/1979



Revised
& CURVE DATA
Y&C OCT 11 1967
PI - 1764 + 32.30 8k
1762 + 10.25 1st 400'
1762 + 10.25 2nd 400'
1762 + 10.25 3rd 400'
1762 + 10.25 4th 400'
1762 + 10.25 5th 400'
1762 + 10.25 6th 400'
1762 + 10.25 7th 400'
1762 + 10.25 8th 400'
1762 + 10.25 9th 400'
1762 + 10.25 10th 400'

STATE OF VERMONT	
DEPARTMENT OF HIGHWAYS	
INTERSTATE PROJECT IN THE TOWNS OF	
WESTMINSTER, ROCKINGHAM	
WILLIAM T. HARRIS	
ENGINEER	
BIRMINGHAM, N.Y.	
1967	
1754	
SHEET 27 OF 187	

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-5 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

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

RECORD PLANS
SUB-BASE OF GRAVEL - REED PIT, WESTMINSTER, VT.
SUB-BASE OF SAK - RAND PIT, ROCKINGHAM, VT.
PEAGSTONE - CALEDONIA SAND & GRAVEL, TOWN QUARRY, ROCKINGHAM, VT.
GRITS - PERINI CRUSHER - PARDA, GOLDSMITH, COTE - WESTMINSTER, VT.
TAR & ASPHALT - MOBIL OIL CO., E. PROVIDENCE, R.I.
BIT. CONCRETE - L. M. PINE D. S. INC., 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 CULVERT CO., WHITE RIVER JCT., VT.
IRANITE CURB - BARRETTO - M. FORD, N.H.
TREES & SHRUBS - PUTNEY NURSERY, PUTNEY, VT.

PROJECT	STATION	DATE
191-1 (15)	STA 1541+00.00	10-27-57
	STA 1541+00.00	10-27-57
	STA 1541+00.00	10-27-57

PROJECT	STATION	DATE
191-1 (15)	STA 1541+00.00	10-27-57
	STA 1541+00.00	10-27-57
	STA 1541+00.00	10-27-57

STATE OF VERMONT DEPARTMENT OF HIGHWAYS

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

PROJECT NO. 191-1 (15)

CONTRACT NO. 4

Interstate Route 191

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

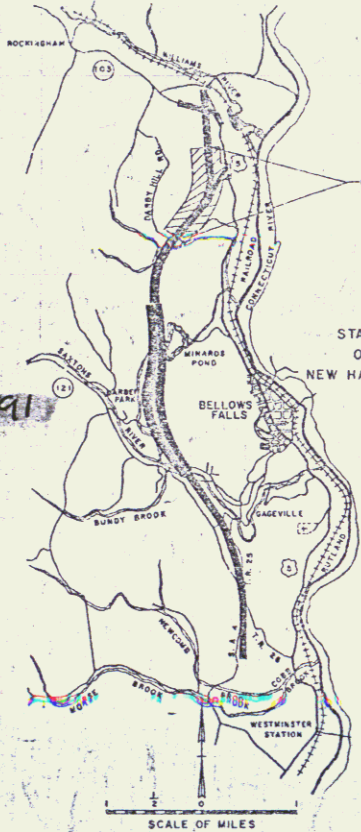
LENGTH OF ROADWAY = 5,900,000 FEET = 1.117 MILES
LENGTH OF CONTRACT = 5,900,000 FEET = 1.117 MILES

DESIGN DESIGNATION

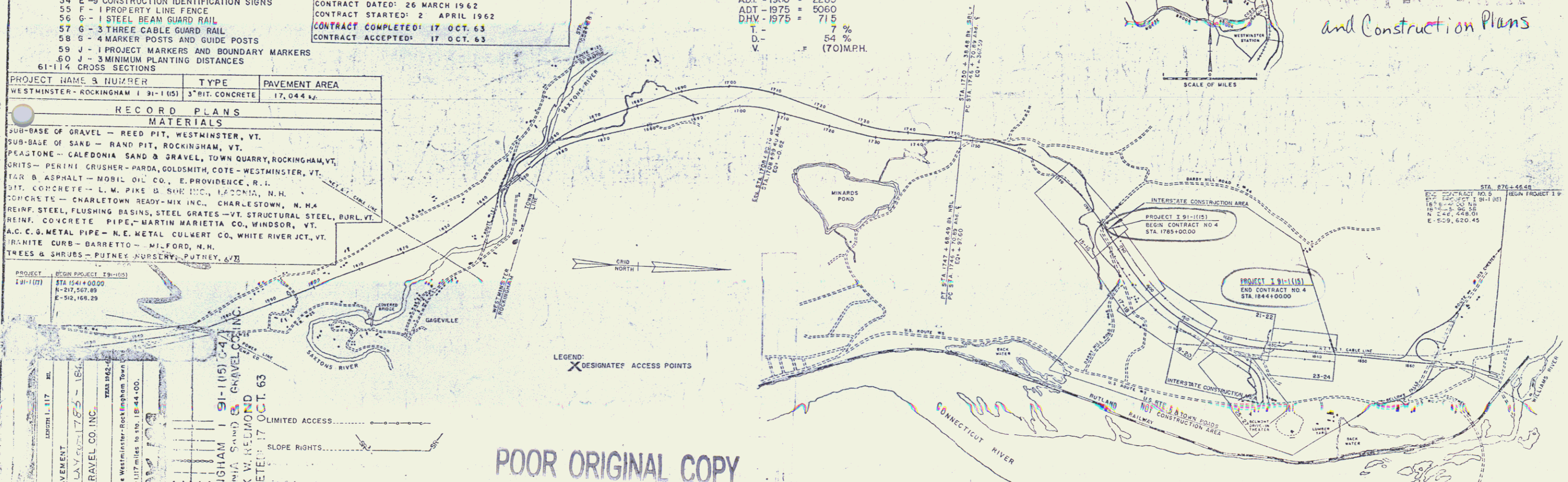
ADT - 1960 = 2280
ADT - 1975 = 5060
DHV - 1975 = 715
T - 54 %
D - 7 %
V - (70) M.P.H.

QUARRY 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



RIGHT-OF-WAY
and Construction Plans



POOR ORIGINAL COPY

LEGEND

DESIGNATES ACCESS POINTS

SCALES

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

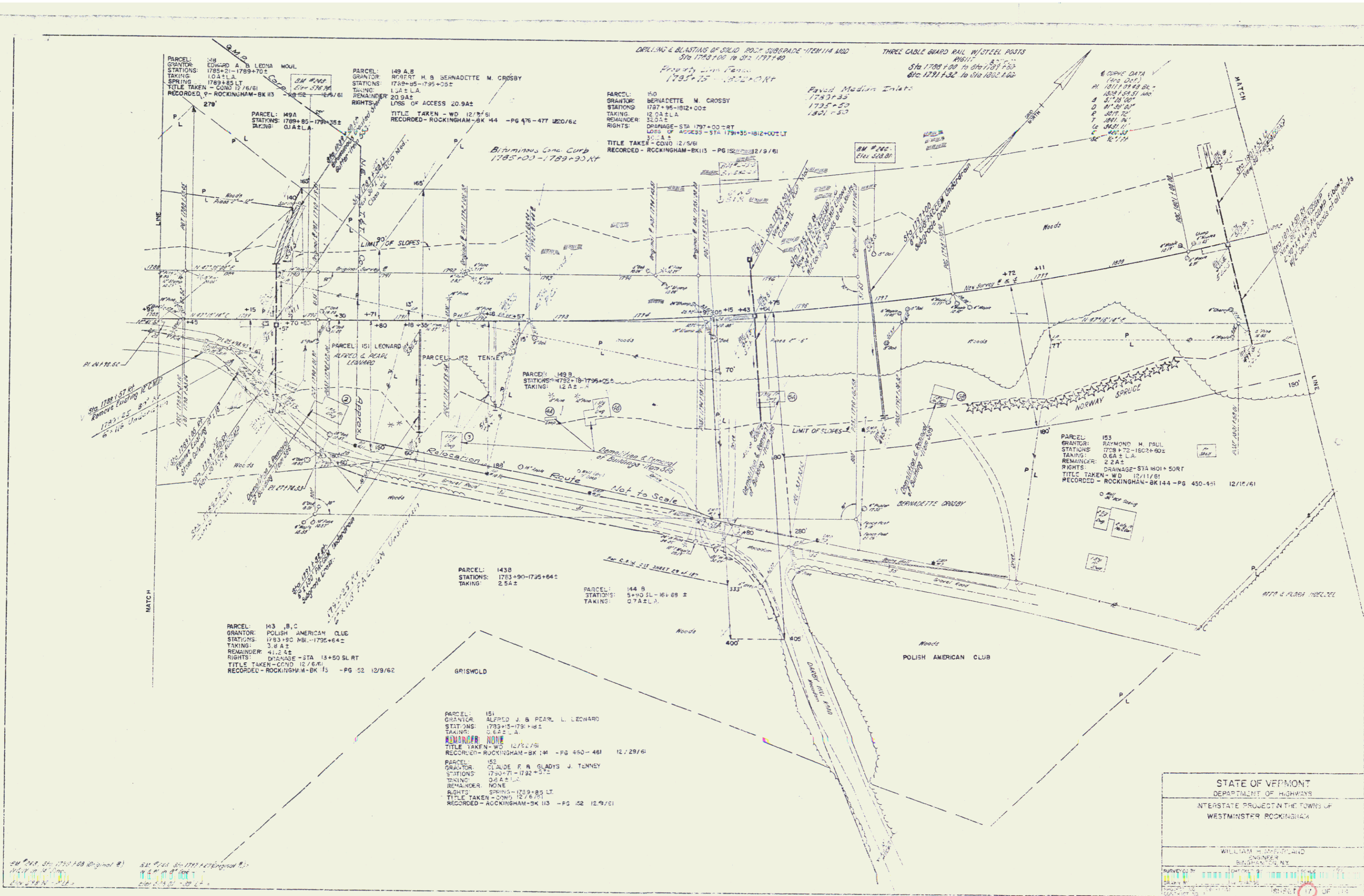
THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE
REQUIRED BY THE BUREAU OF PUBLIC ROADS OR THE COMMISSIONER
OF HIGHWAYS

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH
THE PLANS AND THE STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE
CONSTRUCTION OF VERMONT 1966 SUBMITTED TO THE BUREAU OF
PUBLIC ROADS AS APPROVED JULY 5, 1966, INCLUDING ALL SUBSEQUENT
APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL
PROVISIONS AS ARE AUTHORITY WITH THE PLANS.

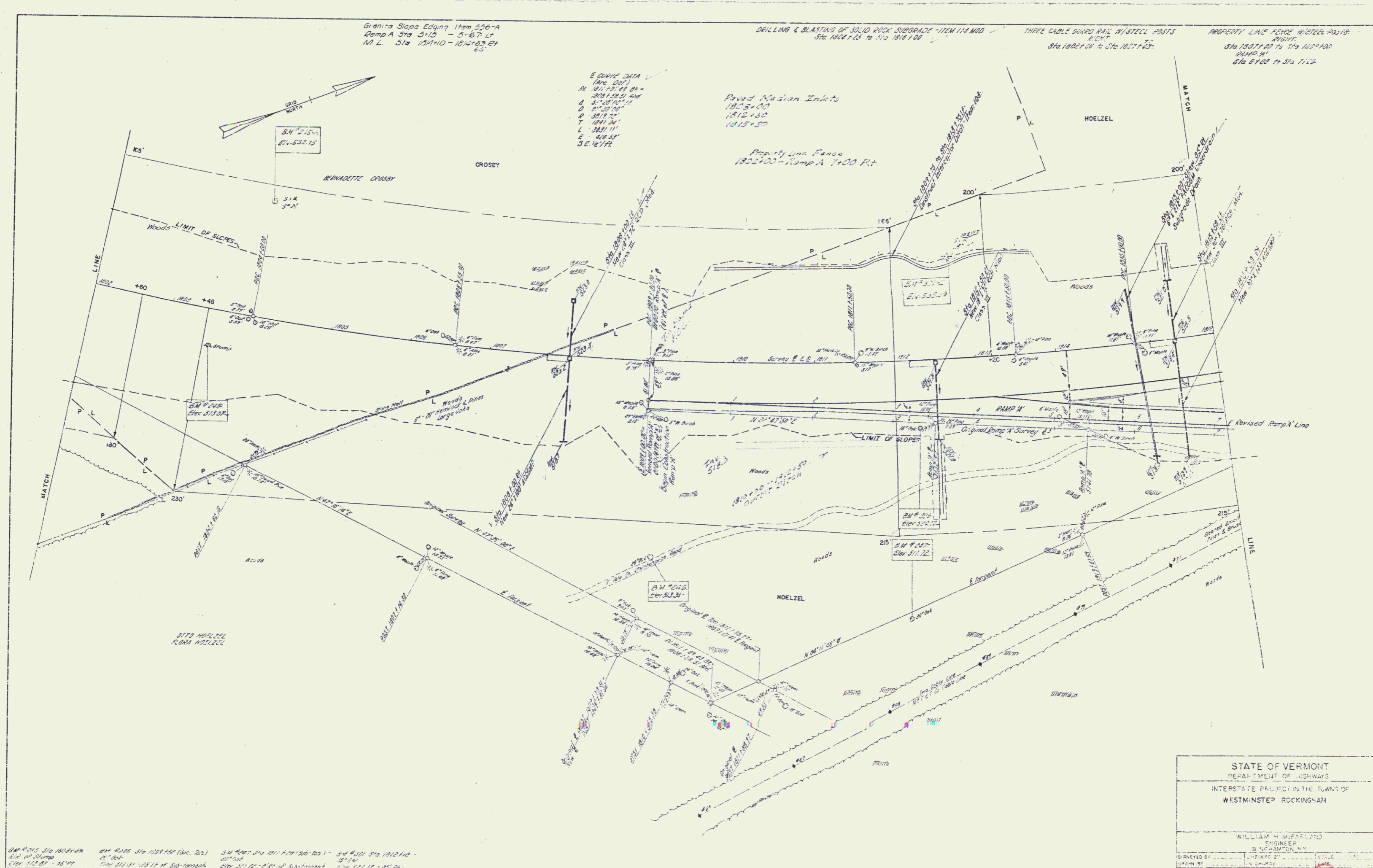
DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED DATE	APPROVED DATE	APPROVED DATE	APPROVED DATE	APPROVED DATE	APPROVED DATE	APPROVED DATE	APPROVED DATE
SECONDARY ENGINEER	ENGINEER	ENGINEER	ENGINEER	ENGINEER	ENGINEER	ENGINEER	ENGINEER
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE

PROJECT CONTRACT NO. 4
SHEET 1 OF 114 SHEETS



24 Pkts. Sta. 1780+00 to 1790+00 (Original #)
25 Pkts. Sta. 1790+00 to 1800+00 (Original #)
26 Pkts. Sta. 1800+00 to 1810+00 (Original #)



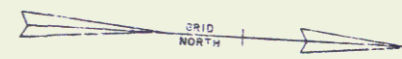
BM # 105 Sta 1800+00
Sta 1800+00 - 15' 0\"/>

STATE OF VERMONT	
DEPARTMENT OF HIGHWAYS	
INTERSTATE PROJECT IN THE TOWNS OF	
WESTMINSTER ROCKINGHAM	
WILLIAM H. McFARLAND	
ENGINEER	
B. LICHAMPTON, N.Y.	
SURVEYED BY	
DRAWN BY	
CHECKED BY	
APPROVED BY	
DATE	
SHEET 19 OF 14	

Note: 1830+00 ±
300' Station for water line from 13
(to be installed by owner)

DRILLING & BIASING OF SOIL ROCK SURFACE ITEM 114 MCD
Sta 1831+50 to Sta 1831+70
Sta 1831+70 to Sta 1831+90

TRIPLE CABLE GUARD RAIL W/STIFFENED POSTS
Sta 1830+00 to Sta 1831+56
Sta 1831+56 to Sta 1831+90



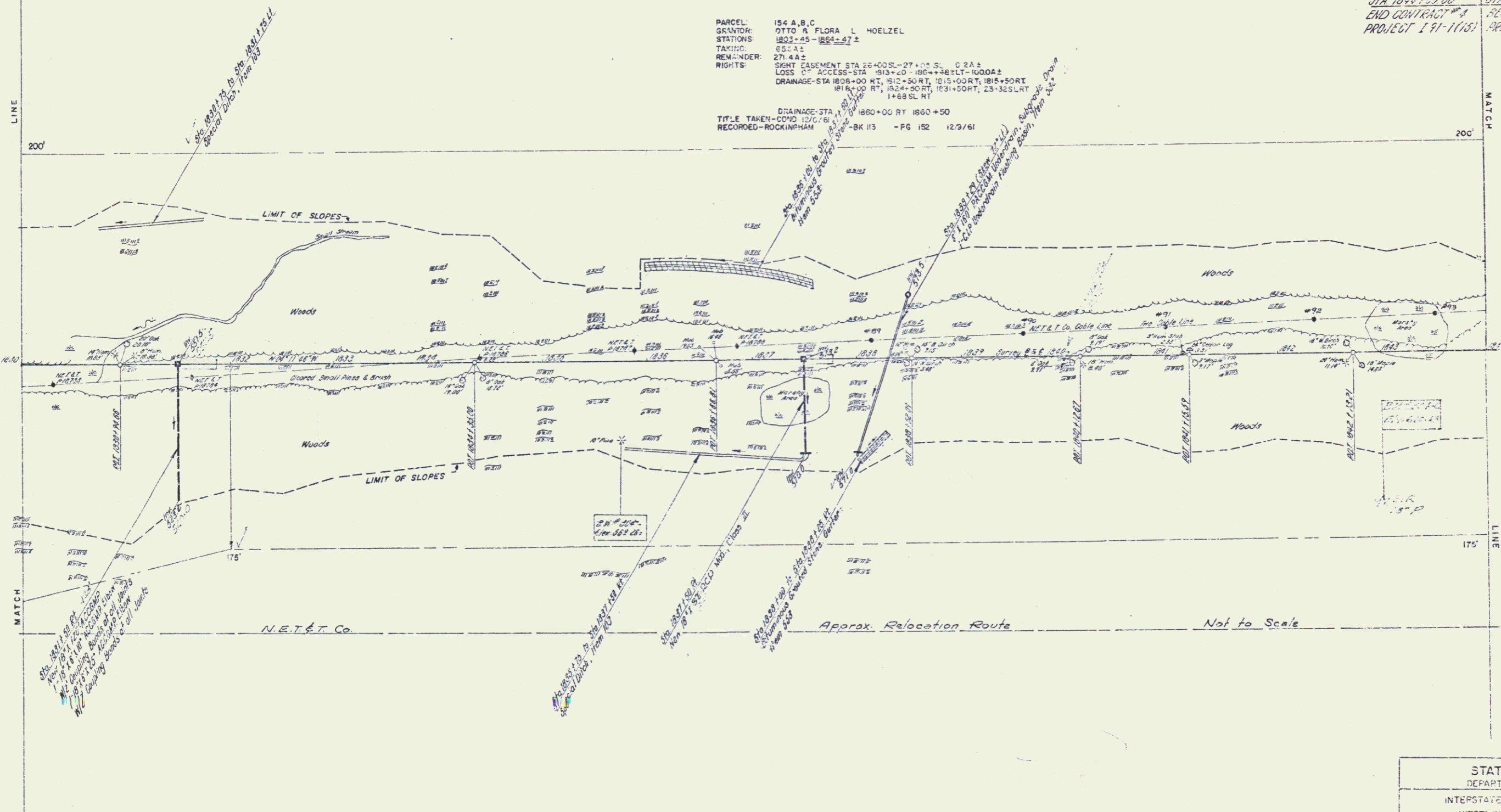
Proposed Median Line
1831+50
1831+90

NOTE
In order to obtain stable slopes at the
terminal point of the contract, earthwork
stages shall be carried beyond the end
of the contract as directed by the
Engineer

STA 1831+00.00 STA 1831+00.00
END CONTRACT #4 BEGIN CONTRACT #5
PROJECT 191-1(15) PROJECT 191-1(15)

PARCEL: 154 A,B,C
GRANTOR: OTTO R. FLORA L. HOELZEL
STATIONS: 1831+00 - 1831+90
TAKING: 655.25
REMAINDER: 271.42
RIGHTS: RIGHT EASEMENT STA 26+00.00 - 27+00.00 SL. C 2 A ±
LOSS OF ACCESS STA 1831+00 - 1831+90 SL. C 2 A ±
DRAINAGE STA 1831+00 RT. 1831+50 RT. 1831+90 RT. 1831+90 RT.
1831+90 RT. 1831+90 RT. 1831+90 RT. 1831+90 RT.

TITLE TAKEN: 1831+00 RT. 1831+50
RECORDED: ROCKINGHAM - BK 113 - PG 152 (12/9/81)



1831+00 to 1831+90
1831+00 to 1831+90
1831+00 to 1831+90

STATE OF VERMONT DEPARTMENT OF HIGHWAYS	
INTERSTATE PROJECT IN THE TOWNS OF WESTMINSTER ROCKINGHAM	
WILLIAM E. HARTLAND ENGINEER ROCKINGHAM, N.H.	
DRAWN BY CHAS. E. HARTLAND	CHECKED BY WILLIAM E. HARTLAND
SHEET 23 OF 114	

Granite Slope Epping from 556-A
 Camp A Sta 101.32 - 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+63.64

Standard Steel Beam Guard Rail
 Run A 101.32 - 5+49.14

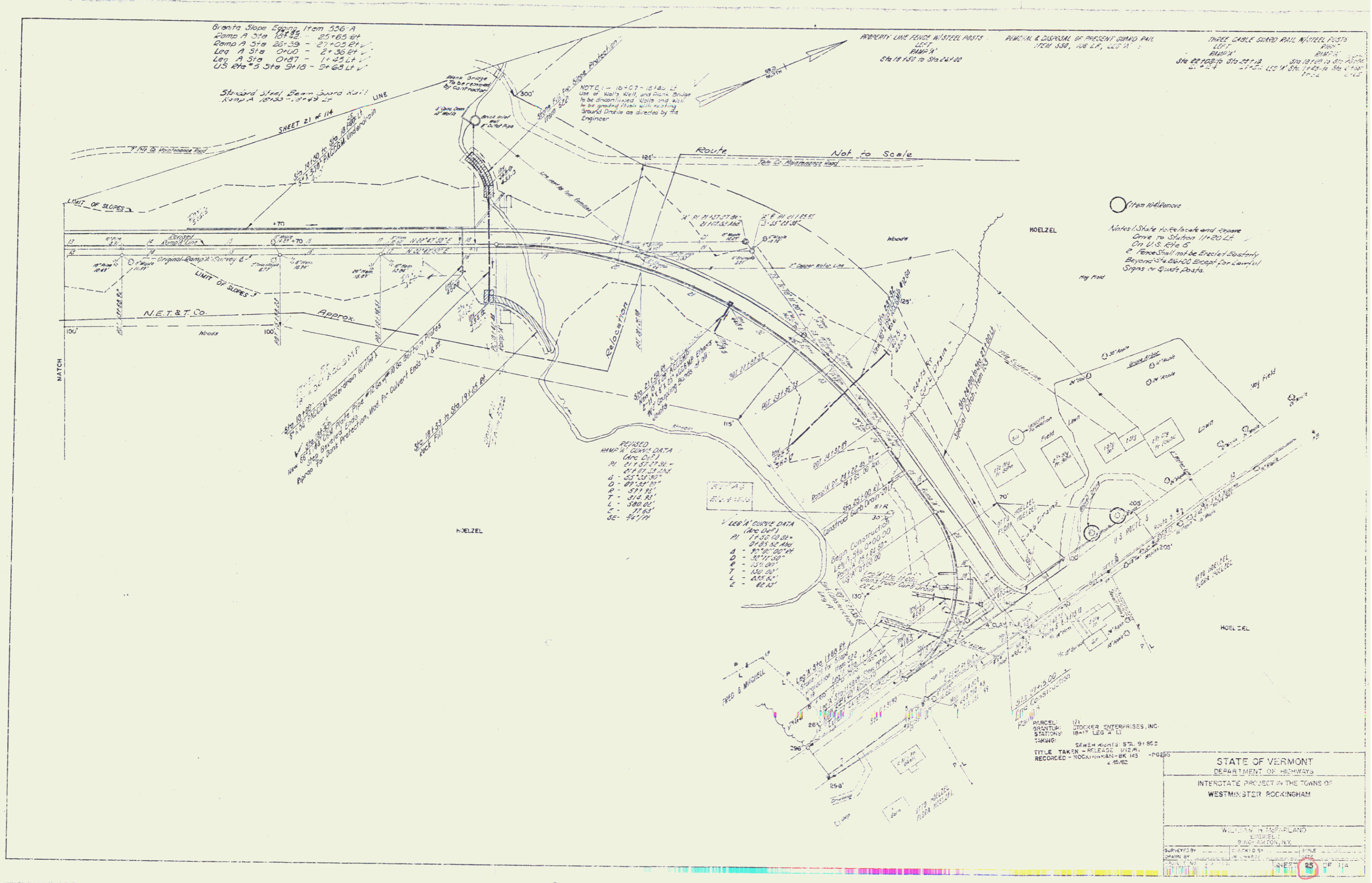
SHEET 21 OF 114

NOTE: - 10+07 - 10+14.14
 Use of Wall's Well and Rock Bridge
 to be discontinued. Walls and Kull
 to be graded down with existing
 ground. Drain as directed by the
 Engineer.

PROPERTY LINE FENCE W/STEEL POSTS
 LEG A
 Sta 101.32 to Sta 24+14

REMOVAL & DISPOSAL OF PRESENT GUARD RAIL
 FROM 538, 108 L.F., LEG A

THREE CABLE GUARD RAIL W/STEEL POSTS
 LEG A
 Sta 24+14 to Sta 27+12
 Sta 27+12 to Sta 27+12
 Sta 27+12 to Sta 27+12



RELOCATED
 RAMP A CURVE DATA
 (Arc Def)
 PI 21+37.07
 R 114.32
 D 55°13'10"
 L 100.00
 T 51.24
 L 300.00
 E 114.32

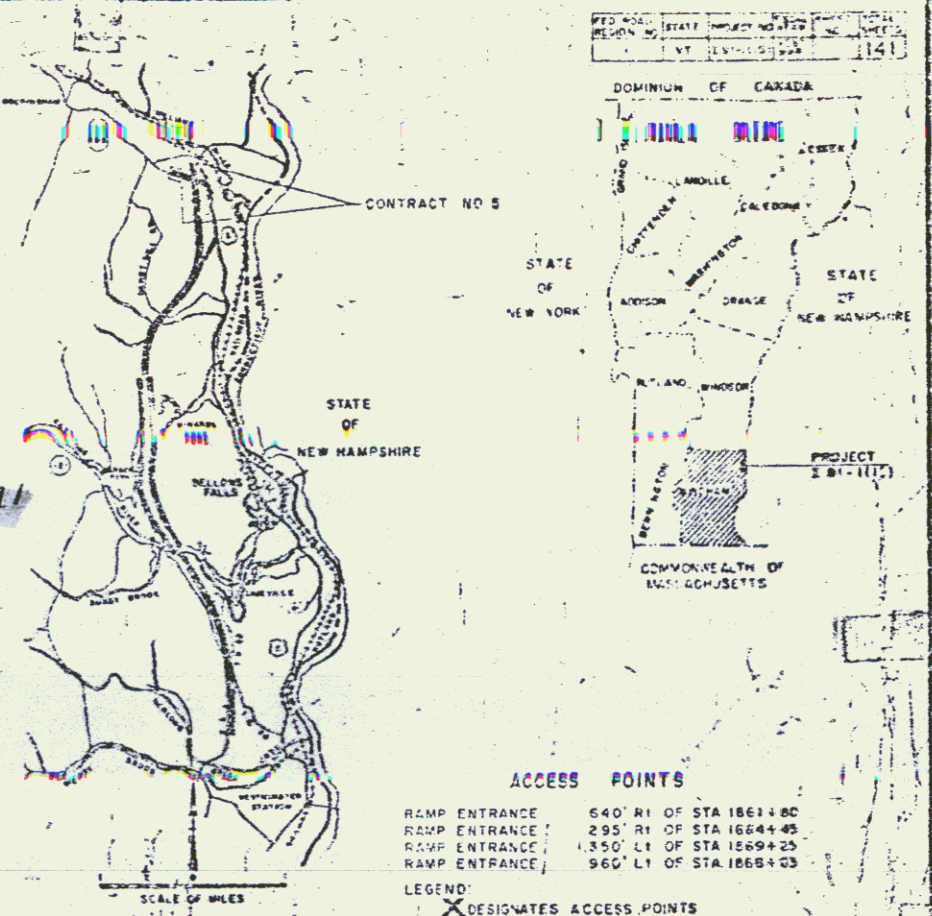
LEG A CURVE DATA
 (Arc Def)
 PI 101.32
 R 114.32
 D 55°13'10"
 L 100.00
 T 51.24
 L 300.00
 E 114.32

PARCEL
 GRANITE
 STATION
 101.32 LEG A
 TOWN
 SEVEN HILLS ST. 91.85
 TITLE TAKEN - RELEASE 10/2/61
 RECORDED - ROCKINGHAM - BK 143 - PG 215
 2/15/62

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

WILLIAM H. HARRISLAND
 ENGINEER
 1000 W. 1000 W.
 SURVEYED BY
 CHECKED BY
 DRAWN BY
 INCHES 1" = 40'

PR. 100
CONTRACT NO. 4



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

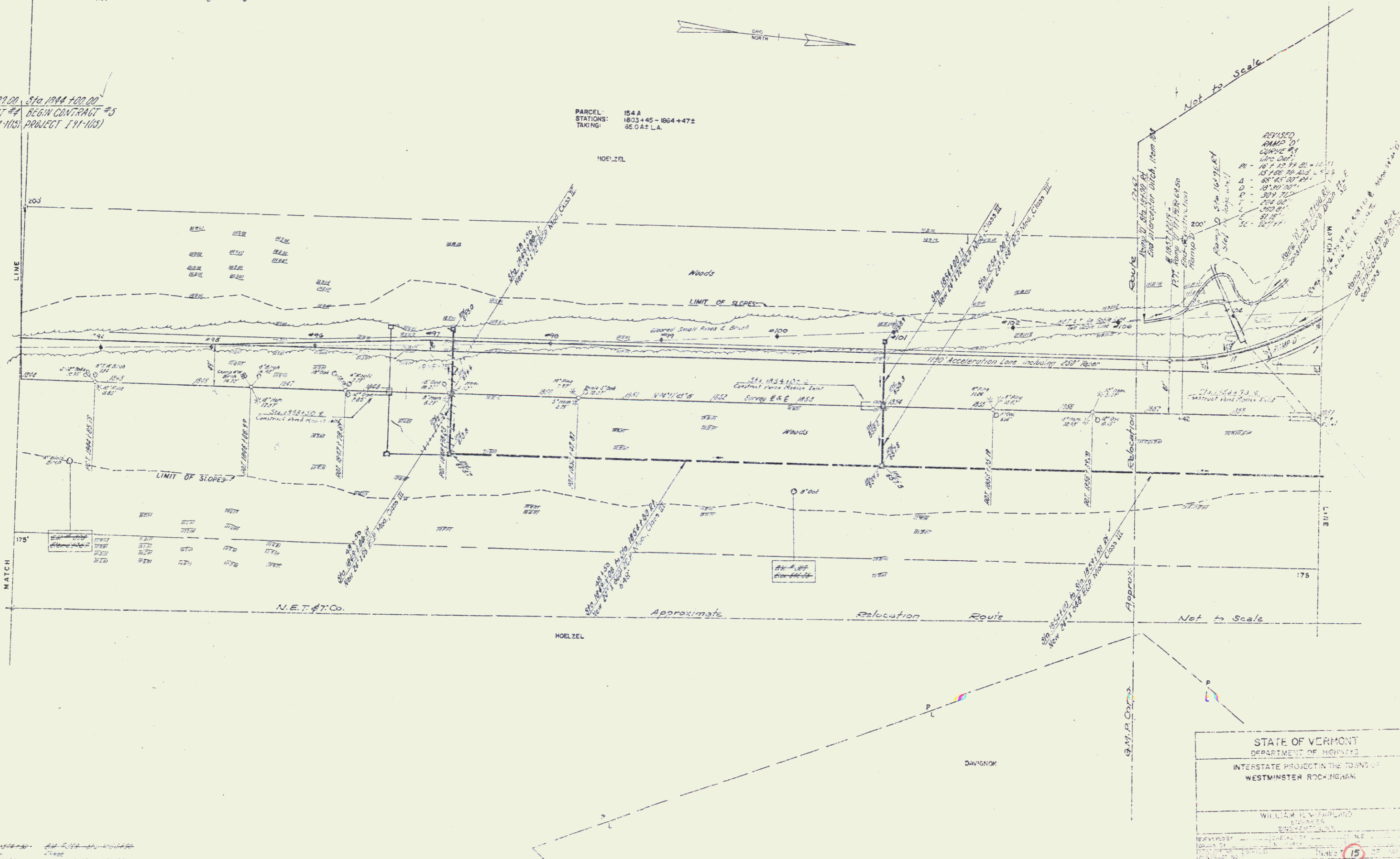
DRILLING & BLASTING OF SOLID ROCK CURBPADE - ITEM 114 M10
Sta 1844+00 to Sta 1861+00
Ramp D Sta 1840 to Sta 1840

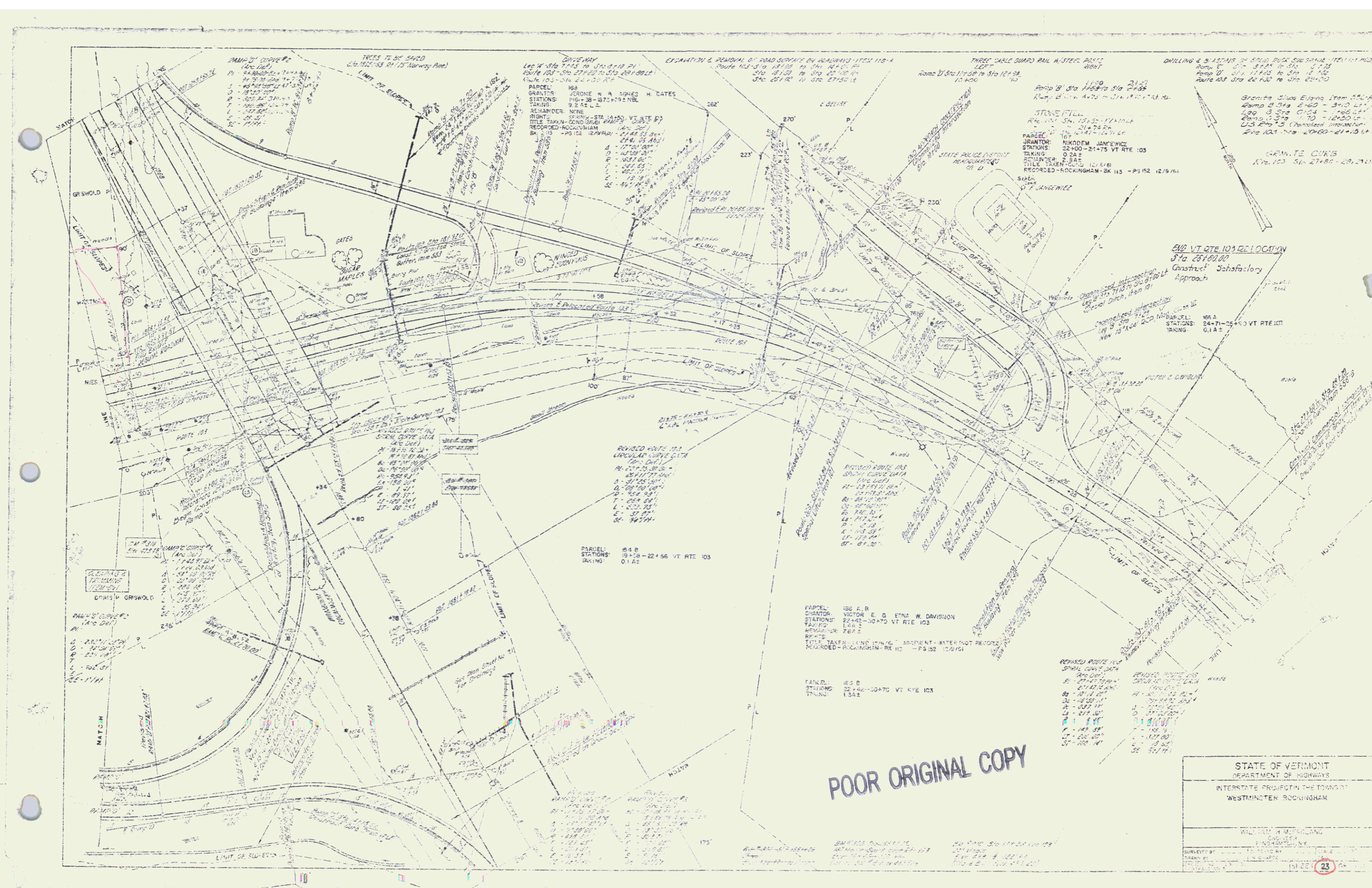
Granite Slope Easing Item 336+9
Ramp D Sta 16+00 - 17+12.4

Sta 1844+00.00 Sta 1844+00.00
END CONTRACT #4 BEGIN CONTRACT #5
PROJECT 181-105 PROJECT 181-105

PARCEL: 154A
STATIONS: 1833+45 - 1864+47±
TAKING: 85.0± L.A.

HOELZEL



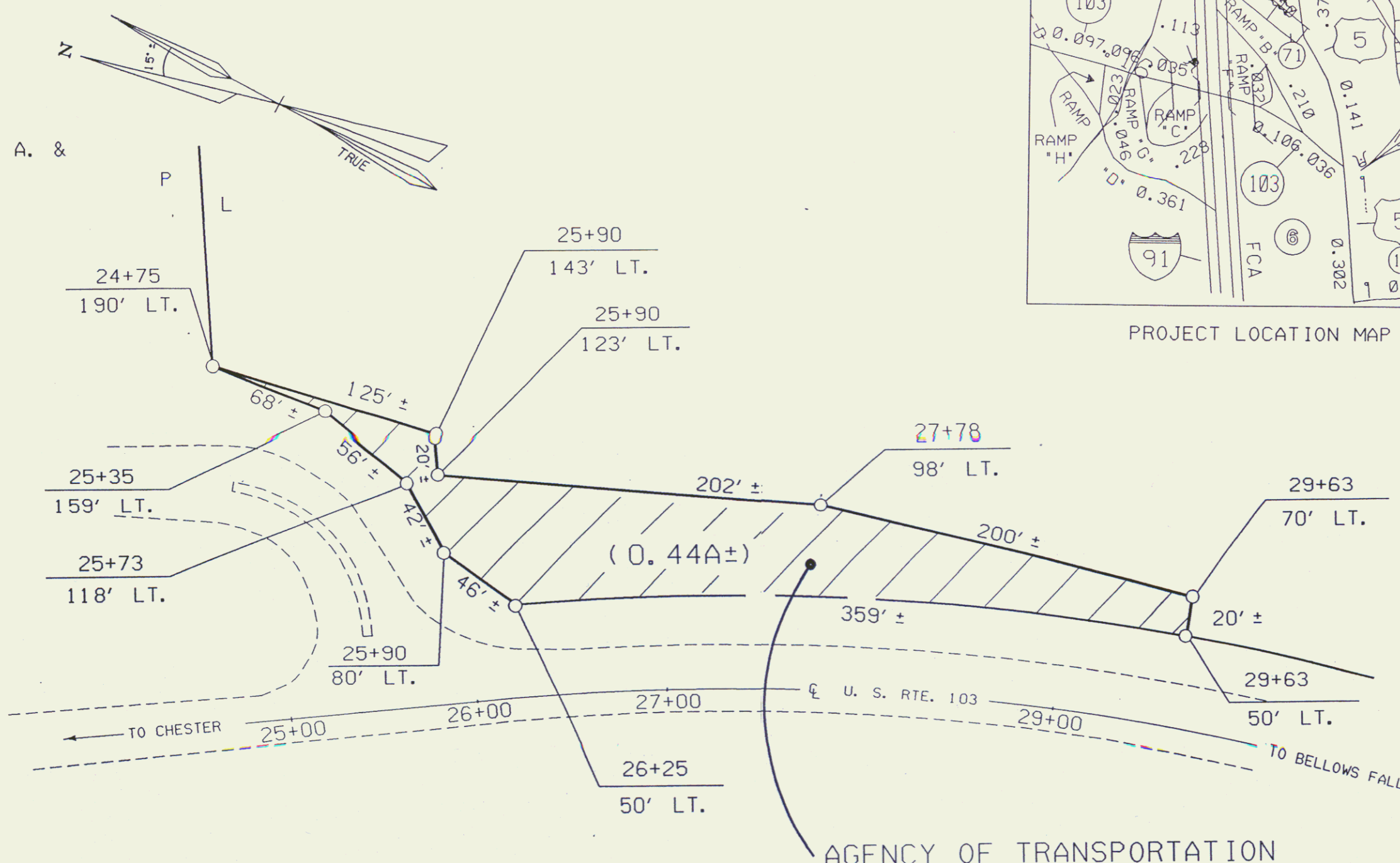


POOR ORIGINAL COPY

STATE OF VERMONT	
DEPARTMENT OF HIGHWAYS	
INTERSTATE PROJECT IN THE TOWN OF	
WESTMINSTER, ROCKINGHAM	
WILLIAM H. MERRILL	
ENGINEER	
DESIGNED BY	
CHECKED BY	
DATE	
23	

N7F

WEST, JAMES A. &
HELEN R.



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.

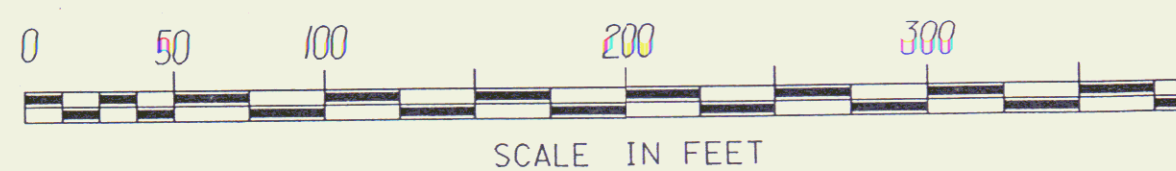
PREFERRED MOTOR INNS OF NEW ENGLAND, INC.

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

LEGEND

EXISTING R. O. W	— — — — —
EDGE OF ROAD	- - - - -

/prop/misc/pmi.dgn



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

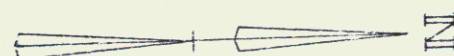
STATE OF VERMONT AGENCY OF TRANSPORTATION TOWN OF ROCKINGHAM		
DRAWN BY M. R.	CHECKED BY J. L.	DATE: 11-05-93

PARCEL: 160

BITUMINOUS CONCRETE CURB

1875+00 - 1875+43 4.3 ft
1875+43 - 1875+47 4.4 ft
1875+47 - 1875+50 3.3 ft
1875+50 - 1875+53 3.3 ft
1875+53 - 1875+56 3.3 ft
1875+56 - 1875+59 3.3 ft

Station 1875+00 to 1875+59
Grading 1875+00 to 1875+59
1875+00 - 1875+43 4.3 ft
1875+43 - 1875+47 4.4 ft
1875+47 - 1875+50 3.3 ft
1875+50 - 1875+53 3.3 ft
1875+53 - 1875+56 3.3 ft
1875+56 - 1875+59 3.3 ft



DORIS R. GRISWOLD

PARCEL: 159 D
STATION: 1874+93 - 1875+08 NBL
TAKING: 3.3 A.E.L.A.

PARCEL: 161
GRANTOR: ADELAIDE J. MACK (FORMERLY AUGUSTINOWICZ)
STATIONS: 1878+75 - 1880+30 SBL
TAKING: 1.1 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

PARCEL: 160
GRANTOR: JOHN K. & JANE A. WESTFALL
STATIONS: 1872+57 - 1875+83 SBL
TAKING: 3.0 A.E.L.A.
REMAINDER: NONE
TITLE TAKEN: COND 12/7/61
RECORDED - ROCKINGHAM - BK 144 - PG 452-453 12/15/61

1875+00 - 1875+43 4.3 ft
1875+43 - 1875+47 4.4 ft
1875+47 - 1875+50 3.3 ft
1875+50 - 1875+53 3.3 ft
1875+53 - 1875+56 3.3 ft
1875+56 - 1875+59 3.3 ft

SB SURVEY
POST 1880+54.73

SB SURVEY
POST 1878+41.27

SURV NB PC
1876+81.04

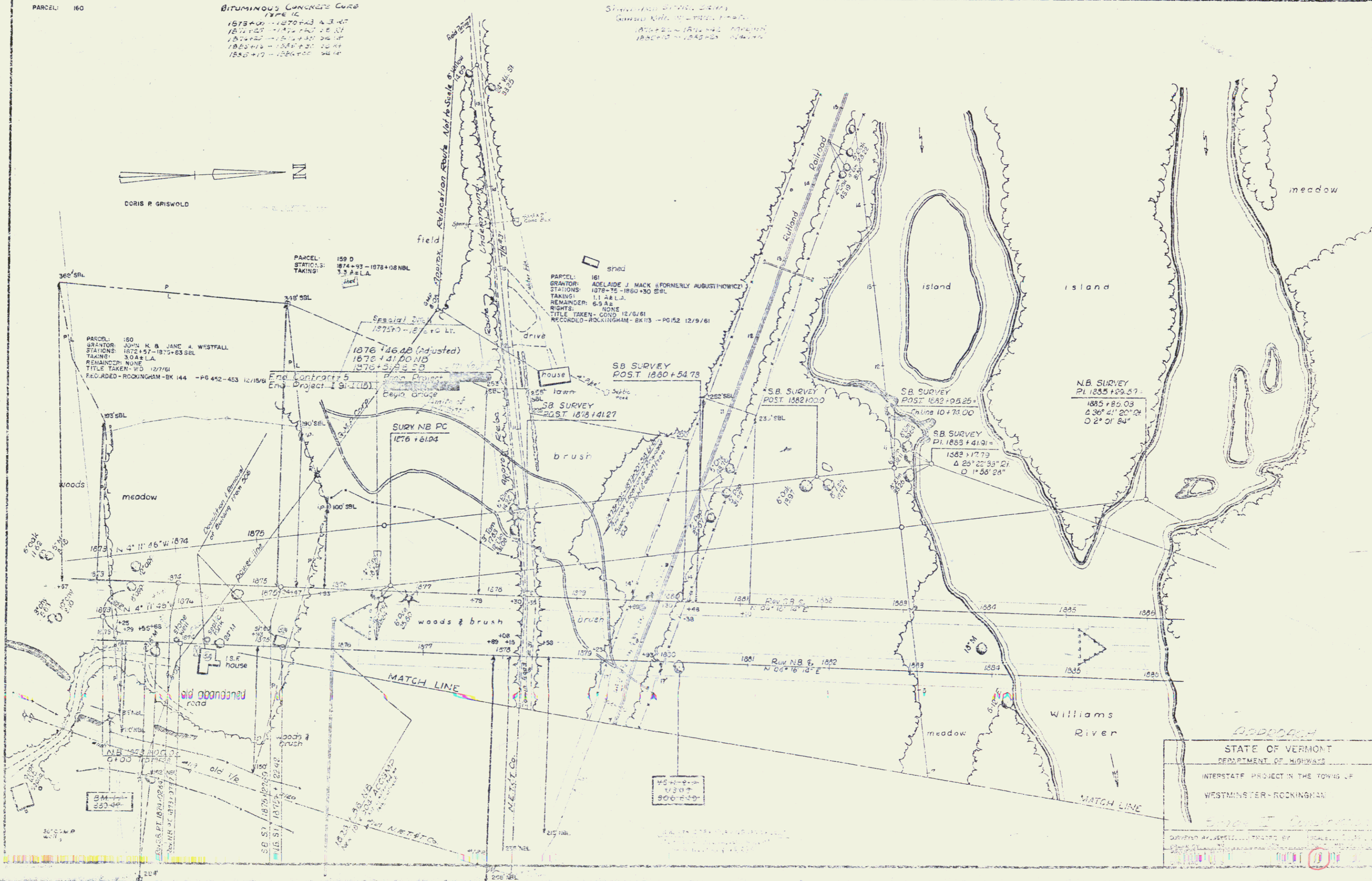
SB SURVEY
POST 1882+04.25

SB SURVEY
PL 1883+41.91

NB SURVEY
PL 1885+89.57
1885+89.03
Δ 36° 21' 20" 2"
D 2° 01' 54"

SB SURVEY
PL 1883+41.91

1883+17.79
Δ 25° 22' 35" 2"
D 1° 58' 26"



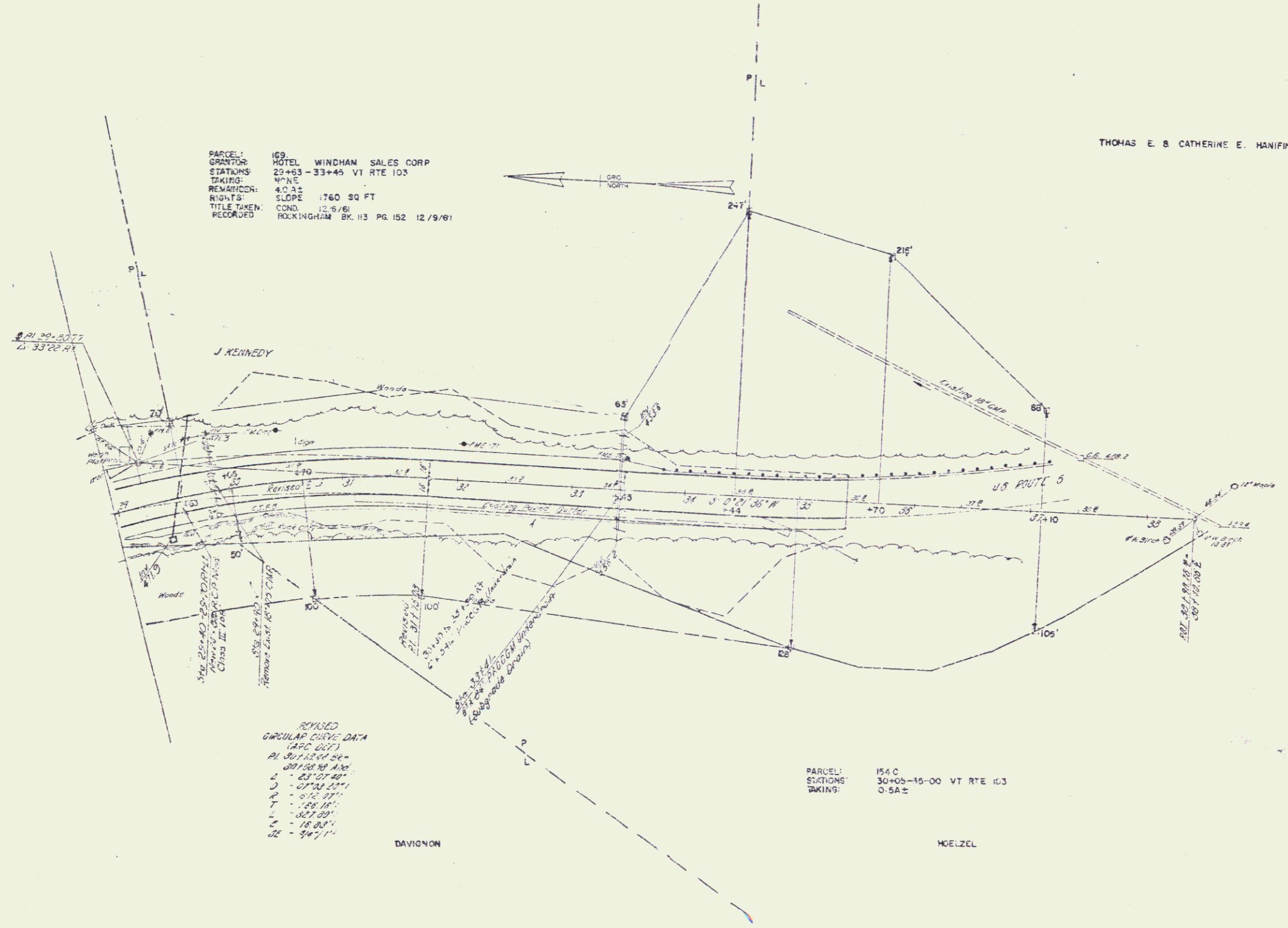
STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
INTERSTATE PROJECT IN THE TOWN OF
WESTMINSTER-ROCKINGHAM
SURVEYED AND RECORDED BY
1875+00 to 1875+59
1875+00 to 1875+59
1875+00 to 1875+59

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

REMOVAL & DISPOSAL OF PRESENT GUARD RAIL - ITEM 550
LEFT
Sta 33+15 to Sta 35+41

THREE CABLE GUARD RAIL WITH STEEL POSTS
LEFT
Sta 37+15 to Sta 37+41

DILLING & BLASTING OF SOLID ROCK SUBGRADE - ITEM 114-100
Sta 29+00 to Sta 33+00



PARCEL: 169
GRANTOR: HOTEL WINDHAM SALES CORP
STATIONS: 29+00-33+45 VT RTE 103
TAKING: NONE
REMARKS: 4.0:1
RIGHTS: SLOPE 1760 SQ FT
TITLE TAKEN: COND. 12/8/61
RECORDED: ROCKINGHAM BK. 13 PG. 152 12/9/61

REVISED
CIRCULAR CURVE DATA
(APC 607)
PI 30+12.66
PT 30+12.66
T 23+01.49
L 0.7141 27.1
T 1.68 11.1
L 0.7141 27.1
T 1.68 11.1
L 0.7141 27.1
T 1.68 11.1

PARCEL: 154 C
STATIONS: 30+00-35+00 VT RTE 103
TAKING: 0.5A±

STATE OF VERMONT	
DEPARTMENT OF HIGHWAYS	
INTERSTATE PROJECT IN THE TOWNS OF WESTMINSTER ROCKINGHAM	
WILLIAM H. McFARLAND ENGINEER	
DATE: 12/8/61	SCALE: 1"=40'
DRAWN BY: J. H. McFARLAND	CHECKED BY: J. H. McFARLAND
DESIGNED BY: J. H. McFARLAND	APPROVED BY: J. H. McFARLAND
SHEET 25 OF 40	