

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
PROPOSED IMPROVEMENT

TOWNS OF BOLTON & RICHMOND
COUNTY OF CHITTENDEN
MONTPELIER - BURLINGTON ROAD
CONTRACT NO. 2
ROW PROJECT I 89-2(8)

Pin # 998782

Begin at a point 0.921 miles easterly of the Bolton-Richmond Town Line and extending northeasterly 2.913 miles

Length of Roadway 15001.22 Feet = 2.841 Miles
Length of Bridges 381.50 Feet = 0.072 Miles
Length of Project 15382.72 Feet = 2.913 Miles

PROJECT NAME & NUMBER TYPE PAVT. AREA
BOLTON-RICHMOND I 89-2(8) BIT. CONC 82.0+4 S.Y.

RECORD PLANS
MATERIALS
SUBBASE OF GRAVEL - VARIN PIT - RICHMOND, VT.
PIT - BOLTON, VT.

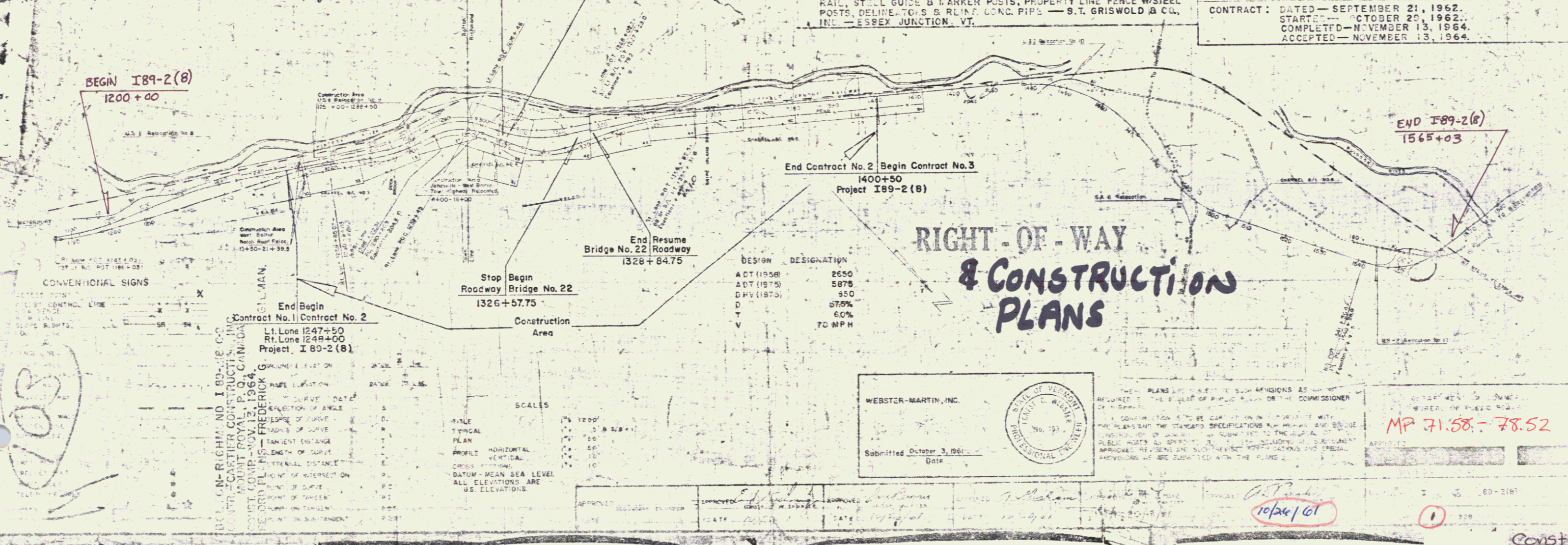
SUBBASE OF CRUSHED ROCK & CRUSHED STONE - HOULTERS - GOODRICH PIT & CHALOUX PIT - WILLISTON, VT.
CRUSHED GRAVEL MIXED BASE COURSE & BITUMINOUS CONCRETE L.M. PIKE & SON INC. (PLANT) - WILLISTON, VT.
TAR EMULSION - BORDEN CHEMICAL CO. - NEW YORK, N.Y.
CUTBACK ASPHALT & REFINED TAR - HUMBLE OIL CO. - EVERETT, MASS.
CONCRETE CLASS 'B', PREC. R.C. CURB D.I., CABLE & STEEL BEAM GUARD RAIL, STEEL GUIDE & MARKER POSTS, PROPERTY LINE FENCE W/STEEL POSTS, DELINEATORS & RAILING CONC. PIPE - S.T. GRISWOLD & CO., INC. - ESSEX JUNCTION, VT.

STRUCTURAL STEEL & BRIDGE RAILING - VERMONT STRUCTURAL STEEL CORP. - BURLINGTON, VT.
REINFORCING STEEL - REPUBLIC STEEL CORP. - BUFFALO, N.Y.
BRIDGE PAINT - DRUSTO-MASTER BRONZE - POWLER CO. - CHICAGO HEIGHTS, ILL.
JOINT SEALER - HOT Poured ELASTIC TYPE - TOCH BROTHERS, INC. - PATTERSON, N.J.
SYRACUSE TANK & MFG. CO. - SYRACUSE, N.Y.
ASPH. CTD. CORR. GALV. METAL PIPE - SYRO STEEL CO. - GIFFARD, O.
CAST IRON COVERS FOR FLUSHING BASINS - E.L. LEBARON FLUID-RY CO. - BROCKTON, MASS.
CONTRACTOR - CARTIER CONSTRUCTION, INC. - MOUNT ROYAL, P. Q., CANADA.
CHIEF RESIDENT ENGINEER - SHERMAN J. GAGE.
RESIDENT ENGINEER - ANGEL J. LAVIN.
INSPECTOR - R. GILMAN, E. HUDSON & V. DENSMORE.
RECORD PLANS - FREDRICK G. GILMAN
CONTRACT DATED - SEPTEMBER 21, 1962.
STARTED - OCTOBER 20, 1962.
COMPLETED - NOVEMBER 13, 1964.
ACCEPTED - NOVEMBER 13, 1964.

- 1-3 T.M. Sheets
- 4 Typical Sections (Interstate Roadway) Bituminous Concrete Pavement, Item 351-B (Mod.)
- 5 Typical Sections (U.S. 2) Resurfacing No. 97
- 6 Typical Sections (Other Road)
- 7 Detail Sheets (Pavement)
- 8 Quantity Sheets (Drainage)
- 9 Grade Sheets
- 10 Bridge Sheets
- 11 Detail Sheets
- 12 Alignment Data Sheets
- 13 Plan & Profile Sheets
- 14 Traffic Sign Location Plan
- 15 Traffic Sign Summary & General Notes
- 16 A-61 Drilling & Blasting of Solid Rock Subgrade
- 17 B-1 Boring Tables
- 18 B-5 Typical Slope Grading
- 19 M-10 Embankment on a Slope
- 20 B-11 Underdrain in Shattered Rock Subgrade
- 21 P-17 Concrete Curb Roll on Bridges
- 22 C-1 Curb
- 23 D-2 Drainage
- 24 D-3 Treated Curbs
- 25 D-4 Sewer or ACCOMP. Elbows, F.B., M.E.S.
- 26 D-8 Reinforced Concrete Drop Inlet
- 27 D-10 Drop Inlet Top
- 28 D-11 Catch Basin, Manhole and D. Gates and Covers
- 29 D-13 Concrete Catch Basin or Manhole
- 30 E-1 Barricades, Signs and Lights (Roadway)
- 31 E-2 Traffic Signs (Regulatory)
- 32 E-3 Standard Sign Placement
- 33 E-4 Delineators
- 34 E-5 Federal-Aid Construction Identification Signs
- 35 F-1 Property Line Fence
- 36 G-2a Two Cable Guard Rail
- 37 G-3 Three Cable Guard Rail
- 38 G-4 Worker Posts, Guide Posts, Plank Guard Rail
- 39 J-1 Project & Secondary Mirrors
- 40 SCB-30-60 Superstructure Details, WF Beam Bridges, 50' Roadway
- 41 SCB-34-60 Superstructure Details, WF Beam Bridges, 36' Roadway
- 42 SCB-50-60 Details of WF Beam Bridges
- 43 SB-50-60 Bridge Railing and Granite Curb
- 44 SB-50-60 Construction Details for WF Beam Bridges
- 45 SB-2-56 Expansion Joints for Reinforced Concrete Bases
- 46 SB-22-60 Detail of Expansion Joint Over Piers and at Abutments
- 47 SC-1 Standard Concrete Box Culverts

- STRUCTURE NO. 21 (Interstate Bridge Over West Bolton Town Highway Sta. 1306+15)
- 91 General Plan & Elevation
- 92 Profiles & Sections
- 93 Boring Logs
- 94-97 Details of North & South Abutments
- 98-99 Piers, Framing Plan & Rolling Plan
- 100-103 Approach Slab Details
- 104-106 Reinforcing Steel Schedule

- STRUCTURE NO. 22 (Interstate Bridge Over Existing U.S. 2 Sta. 1327+70)
- 107-108 General Plan & Elevation
- 109 Profiles & Sections
- 110 Boring Logs
- 111-114 Details of East & West Abutments
- 115-116 Piers
- 117 Framing Plan & Rolling Plan
- 118-121 Approach Slab Details
- 122-124 Reinforcing Steel Schedule
- 125A Details of 20'0" X 12'9" R.C. BOX (T-compass)
- 125B at Lt. Lane Sta. 1271+50
- 125C at Lt. Lane Sta. 1280+00 & Rt. Lane Sta. 1280+70
- 126A Details of 12'6" C&M.P.P. of Lt. Lane Sta. 1278+43.2, Rt. Lane Sta. 1278+51.5 and U.S. 2 Reclamation No. 9 Sta. 1279+36.6
- 127-132 Details of 12'6" C&M.P.P. of Lt. Lane Sta. 1278+43.2, Rt. Lane Sta. 1278+51.5 and U.S. 2 Reclamation No. 9 Sta. 1279+36.6
- 133-134 Details of 72" C&M.P.P. of Rt. Lane Sta. 1308+40
- 135 Plan, Section & Details
- 136 Reinforcing Steel Schedule
- 137-138 Cross Sections
- 139 CROSS SECTIONS (OMITTED)
- 140 A-M FINAL EARTHWORK SHEETS
- 141 A-E EXTRA SECTIONS
- 142 STEEL & WOOD PRINTS



WEBSTER-MARTIN, INC.
Submitted October 3, 1961
Date

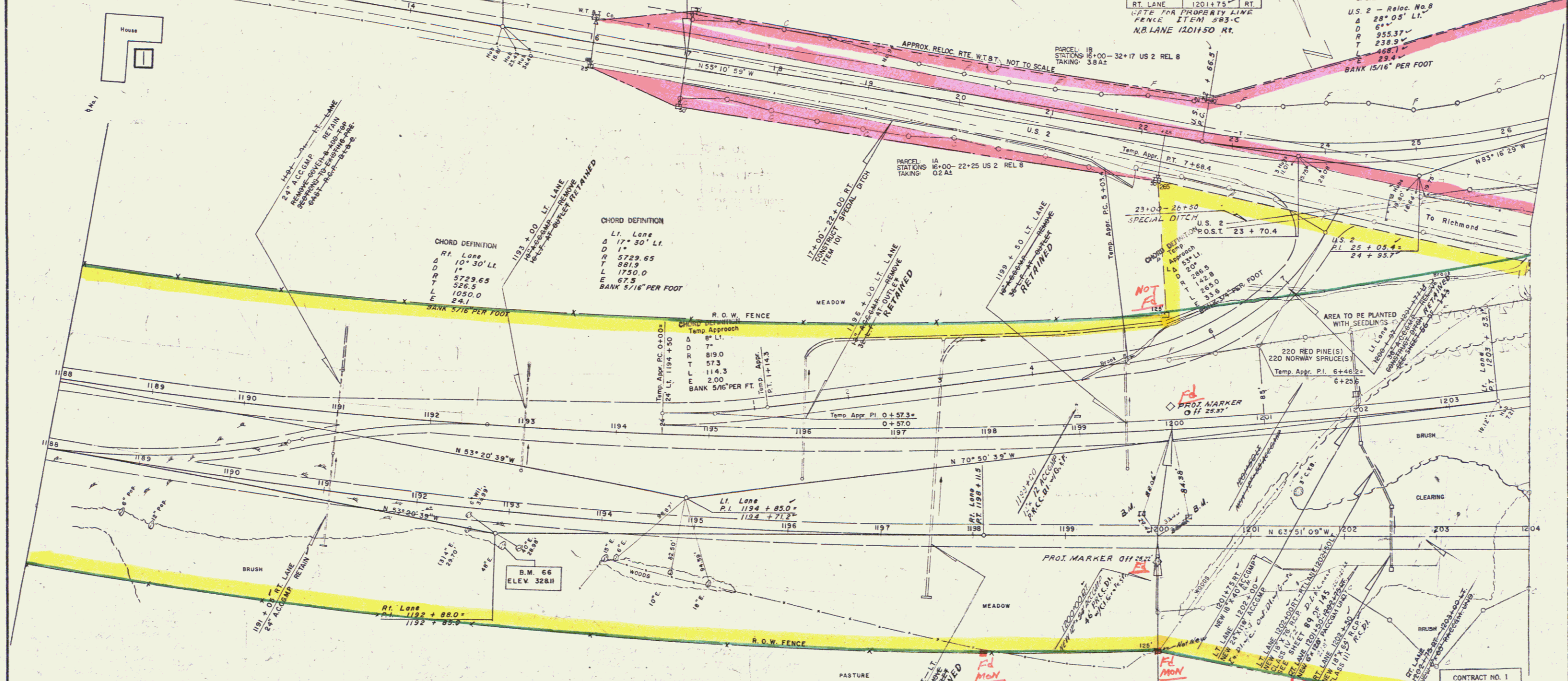
MP 71.58 - 78.52

10/24/61

Const + 100

EXCAVATION & REMOVAL OF EXISTING PAVEMENT ITEM 101	EXCAVATION & REMOVAL OF LANE TRANSITION ITEM 101	SOD REMOVAL ITEM 101	THREE CABLE GUARD RAIL WITH STEEL POSTS ITEM 543	REMOVAL & DISPOSAL OF PRESENT GUARD RAIL ITEM 510	PROPERTY LINE FENCE ITEM 585-B (MOD) W/STEEL POSTS	EXCAVATION & REMOVAL OF ROAD SURFACE ON ROADWAYS ITEM 116-A	PLANK GUARD RAIL WITH PRESERVATIVE TREATMENT ITEM 541-A (BARRICADE)	EXCAVATION & REMOVAL OF TEMPORARY APPROACH ITEM 101
LOCAL STA POS	LOCAL STA POS	LOCAL STA POS	LOCAL STA POS	LOCAL STA POS	LOCAL STA POS	LOCAL STA POS	LOCAL STA POS	LOCAL STA POS
U.S. 2-8 16+50 22+00	RT LANE 1187+50 1192+00 LT LANE 1187+50 1192+00	U.S. 2-8 19+50 22+50	RT LANE 1181+75 1194+25 LT LANE 1181+75 1194+25	RT LANE 1180+00 1201+46 LT LANE 1180+00 1201+46	RT LANE 1180+00 1201+46 LT LANE 1180+00 1201+46	U.S. 2-8 22+00 RT 26+44 RT	U.S. 2-8 24+65	U.S. 2-8 24+65

INDICATES PROPERTY OWNER PLOT NUMBER	GATE FOR PROPERTY LINE FENCE ITEM 583-C	BITUMINOUS CONCRETE CURB ITEM 555
LOCAL STA POS	LOCAL STA POS	LOCAL STA POS
	RT LANE 1201+75 RT	RT LANE 1201+75 RT



DRILLING & BLASTING OF SOLID ROCK SUB GRADE (MOD)
RT Lane 1202+50
LT Lane 1204+00

LOCAL STA POS	LOCAL STA POS
RT LANE 1202+50	1204+00

END PROJECT I 89-2(7) BEGIN PROJECT I 89-2(8)

END CONTRACT NO.3 BEGIN CONTRACT NO.1

1200 + 00

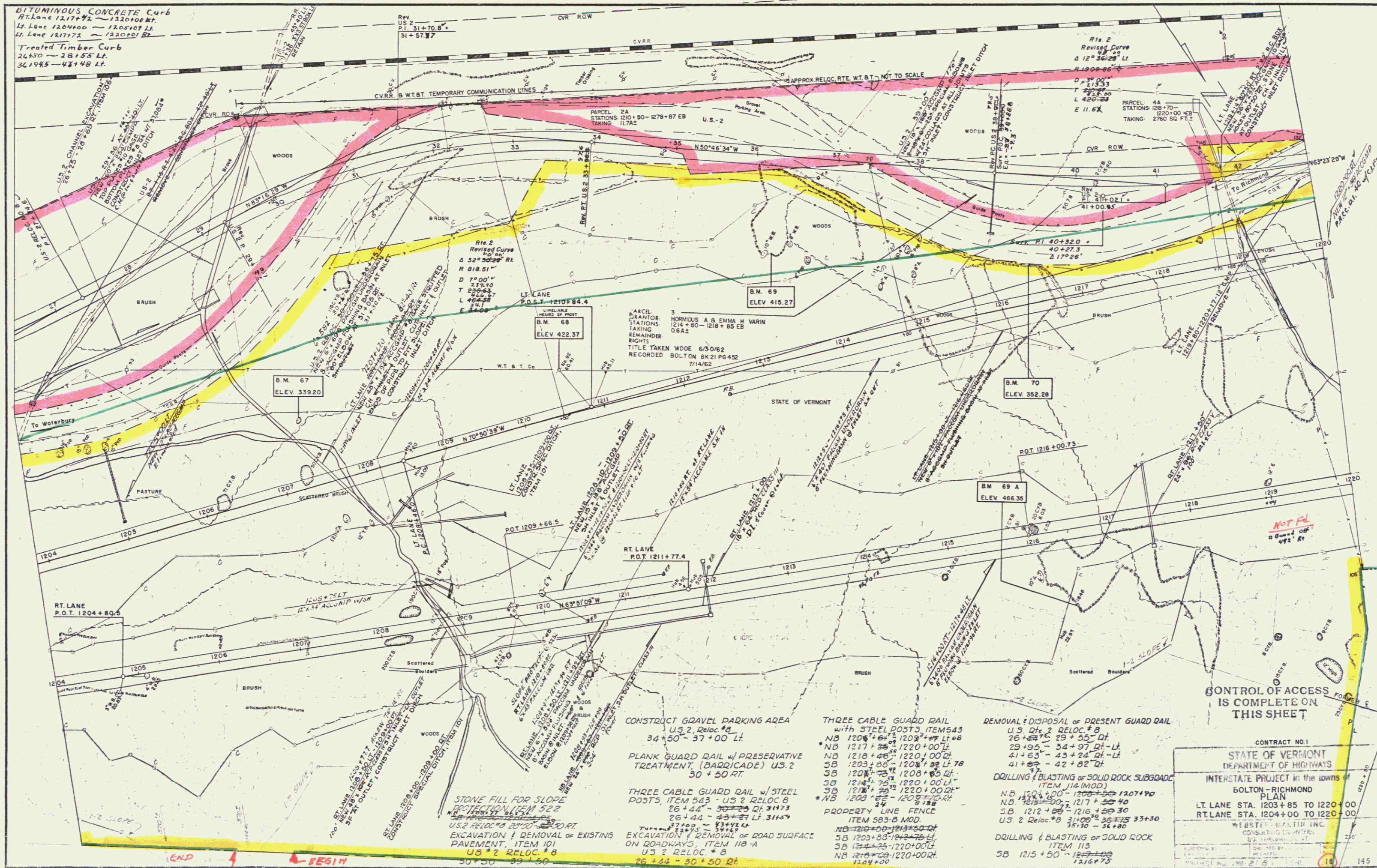
STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

INTERSTATE PROJECT in the TOWNS of
BOLTON-RICHMOND
PLAN
LT LANE STA. 1188+00 TO 1203+85
RT LANE STA. 1188+00 TO 1204+00

WEBSTER-MARTIN, INC.
CONSULTING ENGINEERS
50, BURLINGTON, VT.

PROJECT NO. 209-2(18) SHEET 15

DISCONTINUOUS CONCRETE CURB
 RT. Lane 1217+74 - 1220+00 Lt.
 Lt. Lane 1205+00 - 1205+00 Lt.
 Lt. Lane 1217+74 - 1220+00 Lt.
 Treated Timber Curb
 26+80 - 28+58 Lt.
 36+95 - 43+46 Lt.



CONSTRUCT GRAVEL PARKING AREA
 U.S. 2, Reloc. #8
 34+50 - 37+00 Lt.

PLANK GUARD RAIL w/ PRESERVATIVE
 TREATMENT, (BARRICADE) U.S. 2
 30+50 RT.

THREE CABLE GUARD RAIL w/ STEEL
 POSTS, ITEM 543 - U.S. 2 RELOC. #8
 26+44 - 30+50 Lt. 31173

EXCAVATION & REMOVAL OF EXISTING
 PAVEMENT, ITEM 101
 U.S. 2 RELOC. #8
 30+50 - 39+50

THREE CABLE GUARD RAIL
 WITH STEEL POSTS, ITEM 543
 NB 1206+61 - 1208+77 Lt. #8
 NB 1217+26 - 1220+00 Lt.
 NB 1218+46 - 1220+00 Lt.
 SB 1203+00 - 1208+77 Lt. #8
 SB 1208+77 - 1208+85 Lt.
 SB 1214+75 - 1220+00 Lt.
 SB 1218+75 - 1220+00 Lt.
 NB 1203+00 - 1203+77 Rt. #8
 24

PROPERTY LINE FENCE
 ITEM 583-B MOD.
 NB 1210+00 - 1213+50 Lt.
 SB 1203+00 - 1214+75 Lt.
 SB 1214+75 - 1220+00 Lt.
 NB 1216+00 - 1220+00 Lt.
 124+00

DRILLING & BLASTING OF SOLID ROCK
 SUBGRADE, ITEM 114 (MOD.)
 NB 1204+00 - 1208+77 1207+90
 NB 1208+77 - 1217+50 40
 SB 1212+00 - 1216+30
 U.S. 2 Reloc. #8 31+00 - 36+75 33+30
 35+10 - 36+80

DRILLING & BLASTING OF SOLID ROCK
 ITEM 115
 SB 1215+50 - 1216+75
 1216+75

REMOVAL & DISPOSAL OF PRESENT GUARD RAIL
 U.S. 2 RELOC. #8
 26+80 - 29+55 Lt.
 29+95 - 34+97 Lt. Lt.
 41+63 - 43+24 Lt. Lt.
 41+63 - 42+02 Rt.

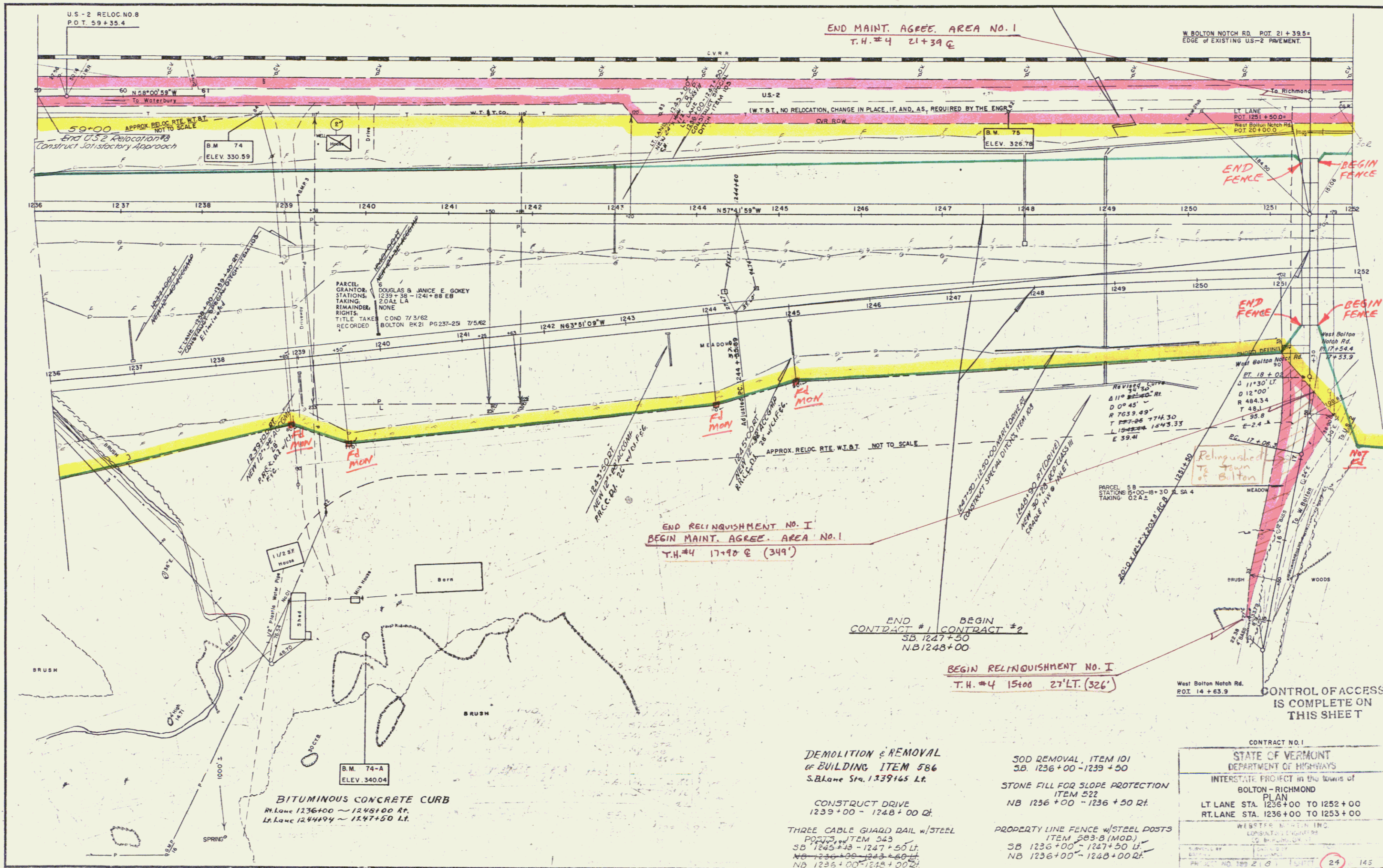
DRILLING & BLASTING OF SOLID ROCK
 ITEM 114 (MOD.)
 NB 1204+00 - 1208+77 1207+90
 NB 1208+77 - 1217+50 40
 SB 1212+00 - 1216+30
 U.S. 2 Reloc. #8 31+00 - 36+75 33+30
 35+10 - 36+80

DRILLING & BLASTING OF SOLID ROCK
 ITEM 115
 SB 1215+50 - 1216+75
 1216+75

CONTROL OF ACCESS
 IS COMPLETE ON
 THIS SHEET

CONTRACT NO. 1
 STATE OF VERMONT
 DEPARTMENT OF HIGHWAYS
 INTERSTATE PROJECT in the towns of
 BOLTON-RICHMOND
 PLAN
 LT. LANE STA. 1203+85 TO 1220+00
 RT. LANE STA. 1204+00 TO 1220+00
 WEBSTER MARTIN INC.
 CONSULTING ENGINEERS
 145

Sheet 3 cont. + Box
 3



Const
+
R.O.W 5



US 2

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

STATE OF VERMONT
 DEPARTMENT OF HIGHWAYS
 INTERSTATE PROJECT in the towns of
 BOLTON - RICHMOND
 PLAN
 LT LANE STA. 1252+00 TO 1266+00
 RT LANE STA. 1253+00 TO 1267+00
 WEBSTER MARTIN, INC.
 CONSULTING ENGINEERS
 35

6 ROW

THREE CABLE GUARD RAIL WITH STEEL POSTS ITEM 543		
STATION	RT LANE	POS
1273+00	1281+88	LT
1274+00	1281+83	LT
1277+00	1281+83	RT
1273+00	1281+00	RT
1274+00	1281+00	LT
US 2 RELOC. NO. 9		
1273+00	1280+55	LT
1278+00	1279+00	RT

REMOVAL OF PRESENT SUPERSTRUCTURE ITEM 542		
STATION	RT LANE	POS
1278+00		
1278+10		

TWO CABLE GUARD RAIL ITEM 542		
STATION	STATION	POS
1277+71	1279+00	RT

REMOVAL & DISPOSAL OF PRESENT GUARD RAIL ITEM 540		
STATION	STATION	POS
1267+00	1273+00	LT
1273+00	1273+00	RT
1276+00	1278+35	RT
1278+17	1278+35	LT
1276+79	1278+50	RT

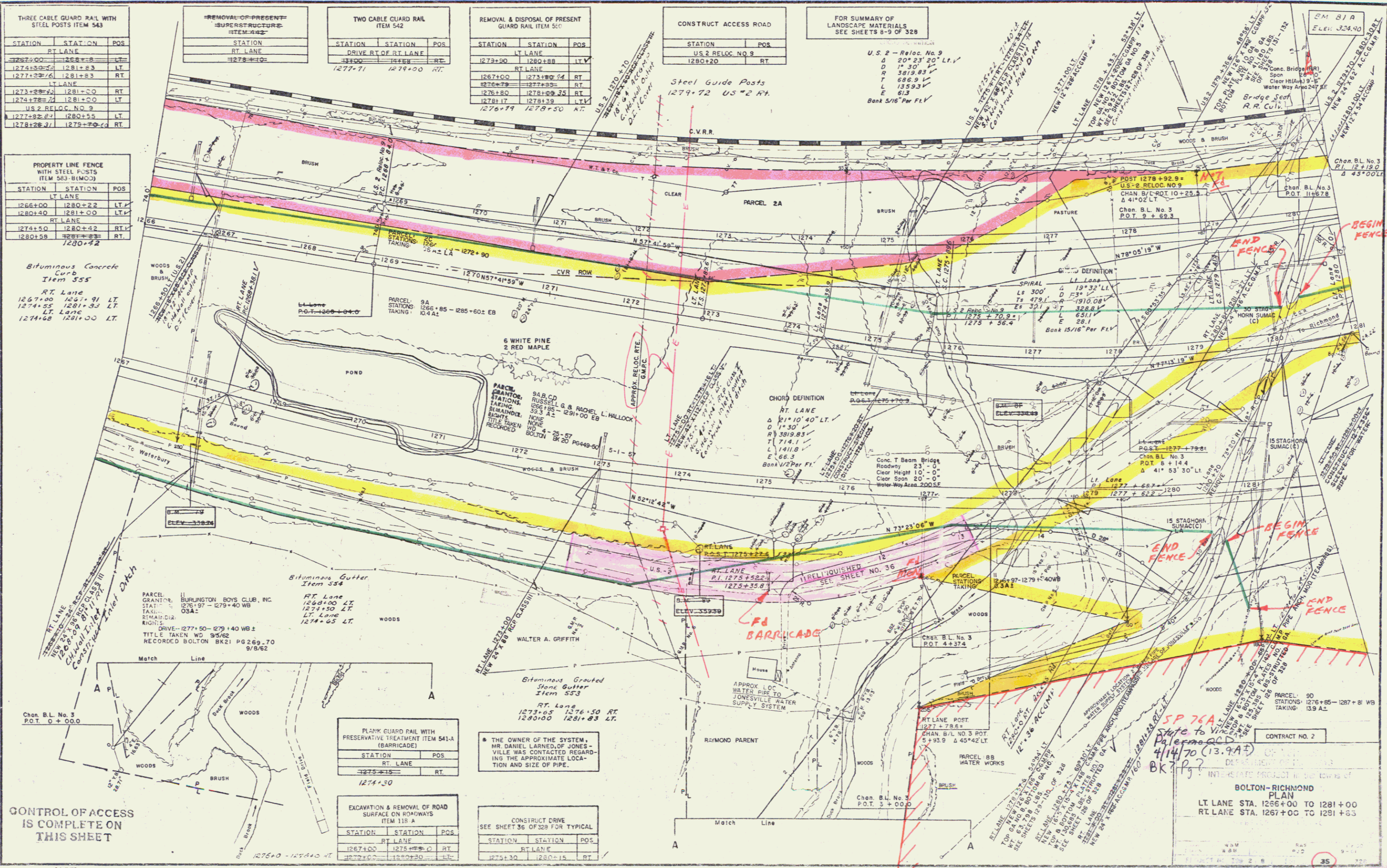
CONSTRUCT ACCESS ROAD		
STATION	STATION	POS
US 2 RELOC. NO. 9		
1280+20		RT

FOR SUMMARY OF LANDSCAPE MATERIALS SEE SHEETS 8-9 OF 328

U.S. 2 - Reloc. No. 9
 Δ 20° 23' 20" LT.V.
 D 1" 30"
 R 3619.83 V
 T 686.9 V
 L 1359.3 V
 E 61.3
 Bank 5/16" Per Ft.V.

PROPERTY LINE FENCE WITH STEEL POSTS ITEM 543-B(MC-3)		
STATION	STATION	POS
1266+00	1280+22	LT
1280+50	1281+00	LT
1274+50	1280+42	RT
1280+58	1281+33	RT
1280+52	1280+52	RT

Bituminous Concrete Curb Item 555
 RT Lane
 1267+00 126+91 LT
 1274+55 1281+33 LT
 LT Lane
 1274+58 1281+00 LT



CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

PLANK GUARD RAIL WITH PRESERVATIVE TREATMENT ITEM 541-A (BARRICADE)		
STATION	STATION	POS
1275+15		RT
1274+50		

THE OWNER OF THE SYSTEM, MR. DANIEL LARNED, OF JONESVILLE WAS CONTACTED REGARDING THE APPROXIMATE LOCATION AND SIZE OF PIPE.

EXCAVATION & REMOVAL OF ROAD SURFACE ON ROADWAYS ITEM 118-A		
STATION	STATION	POS
1267+00	1275+00	RT
1271+00	1280+20	LT

CONSTRUCT DRIVE SEE SHEET 36 OF 328 FOR TYPICAL		
STATION	STATION	POS
1275+30		RT
1280+15		RT

CONTRACT NO. 2
 STATE OF PA
 4/14/70 (13.9A)
 BK 73
 BOLTON-RICHMOND PLAN
 LT LANE STA. 1256+00 TO 1281+00
 RT LANE STA. 1267+00 TO 1281+63

Const
 7 + Row

STATION	RT LANE	STATION	POS
1274+00	1281+83	LT	
1274+00	1281+83	RT	
1274+00	1281+83	LT	
1274+00	1281+83	RT	
1274+00	1281+83	LT	
1274+00	1281+83	RT	

STATION	RT LANE	STATION	POS
1266+00	1272+23	LT	
1266+00	1272+23	RT	
1266+00	1272+23	LT	
1266+00	1272+23	RT	
1266+00	1272+23	LT	
1266+00	1272+23	RT	

Bituminous Concrete
Curb
Item 555
RT Lane
1267+00 1267+91 LT
1274+05 1281+00 LT
LT Lane
1274+08 1281+00 LT

STATION	RT LANE	STATION	POS
1277+31	1279+00	RT	

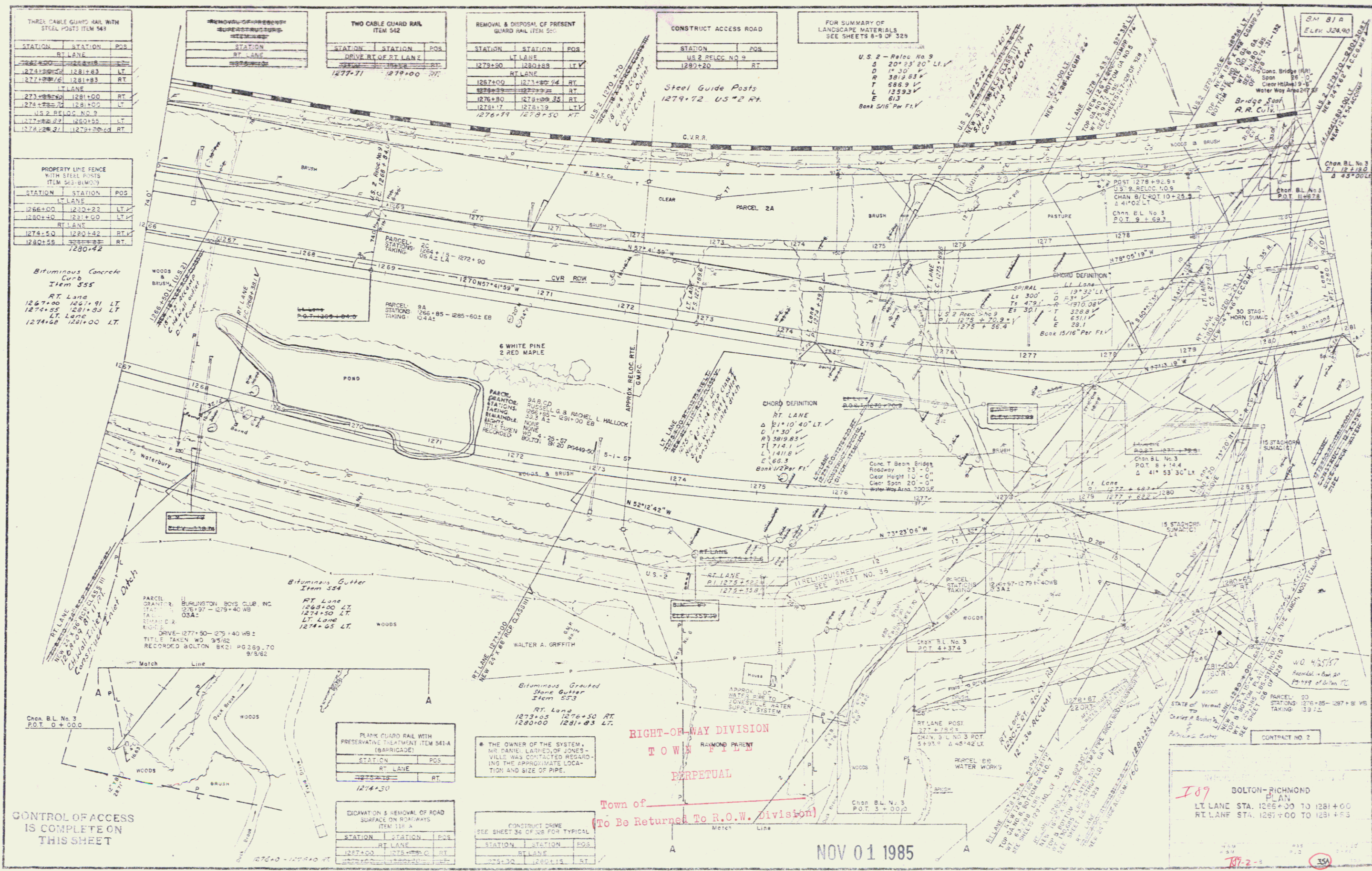
STATION	RT LANE	STATION	POS
1277+31	1279+00	RT	

STATION	RT LANE	STATION	POS
1279+30	1282+88	LT	
1279+30	1282+88	RT	
1279+30	1282+88	LT	
1279+30	1282+88	RT	
1279+30	1282+88	LT	
1279+30	1282+88	RT	

STATION	RT LANE	STATION	POS
1289+20		RT	

FOR SUMMARY OF
LANDSCAPE MATERIALS
SEE SHEETS 8-9 OF 329

US 2 - Reloc No 9
S 20° 33' 20" LT
D 1' 30"
R 3819.83
T 686.9
L 1359.3
E 613
Bank 5/16" Per Ft V



CONTROL OF ACCESS
IS COMPLETE ON
THIS SHEET

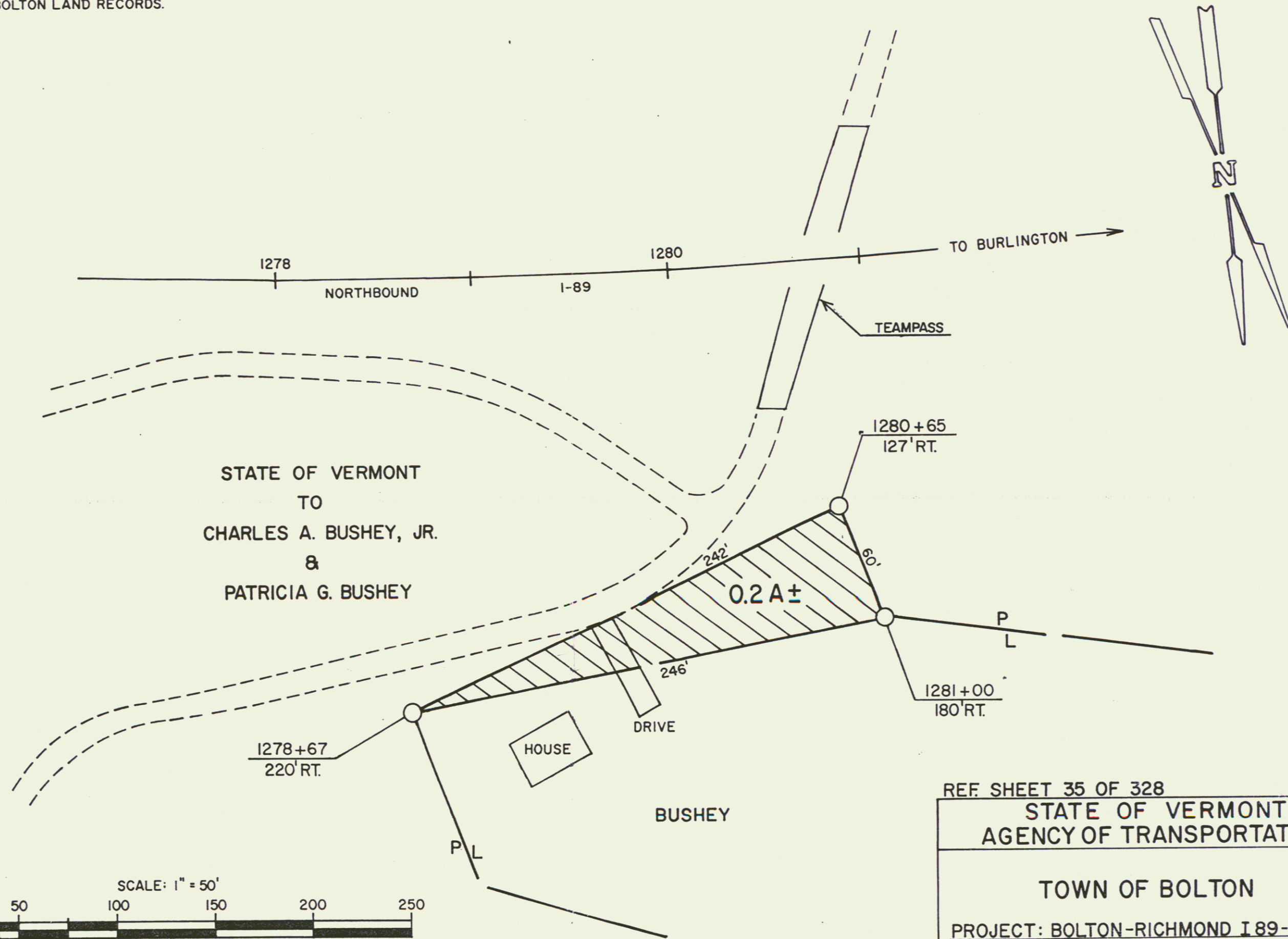
RIGHT-OF-WAY DIVISION
TOWN OF RICHMOND
PERPETUAL
Town of
(To Be Returned To R.O.W. Division)

NOV 01 1985

BOLTON-RICHMOND
PLAN
LT LANE STA. 1266+00 TO 1281+00
RT LANE STA. 1287+00 TO 1281+83

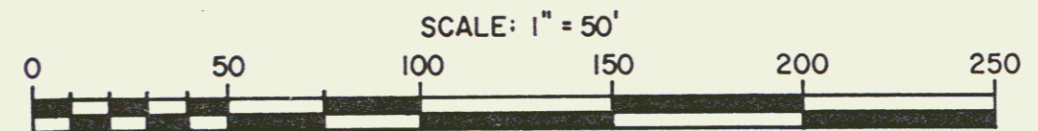
Const
+
Row

PART OF THE LAND ACQUIRED BY THE STATE OF VERMONT FROM RUSSELL G. HALLOCK
 & RACHEL L. HALLOCK BY W.D. DATED APR. 25, 1957 & RECORDED IN BK. 20, PG. 449 OF
 THE TOWN OF BOLTON LAND RECORDS.



STATE OF VERMONT
 TO
 CHARLES A. BUSHEY, JR.
 &
 PATRICIA G. BUSHEY

BUSHEY



REF. SHEET 35 OF 328		
STATE OF VERMONT AGENCY OF TRANSPORTATION		
TOWN OF BOLTON (35B)		
PROJECT: BOLTON-RICHMOND I 89-2 (8)		
APPROX SCALE 1" = 50'	DATE 3-7-84	DRAWN BY D.E.M.

STATION	STATION	POS.
1281+00	1287+00	RT
1281+00	1287+00	LT
1281+00	1287+00	RT
1281+00	1287+00	LT
1281+00	1287+00	RT
1281+00	1287+00	LT

STATION	STATION	POS.
1281+00	1287+00	RT
1281+00	1287+00	LT
1281+00	1287+00	RT
1281+00	1287+00	LT
1281+00	1287+00	RT
1281+00	1287+00	LT

NO.	STATION	POS.
4A	1287+20	LT
4B	1287+55	LT
4C	1281+50	RT
4D	1281+95	RT
5	1285+10	LT
3C	1288+50	LT
3D	1288+50	LT

STATION	STATION	POS.
1281+00	1287+00	LT
1281+00	1287+00	LT
1281+00	1287+00	LT
1281+00	1287+00	LT
1281+00	1287+00	LT
1281+00	1287+00	LT

STATION	STATION	POS.
1283+00	1289+00	RT
1283+00	1289+00	LT

STATION	STATION	POS.
1283+00	1289+00	RT
1283+00	1289+00	LT

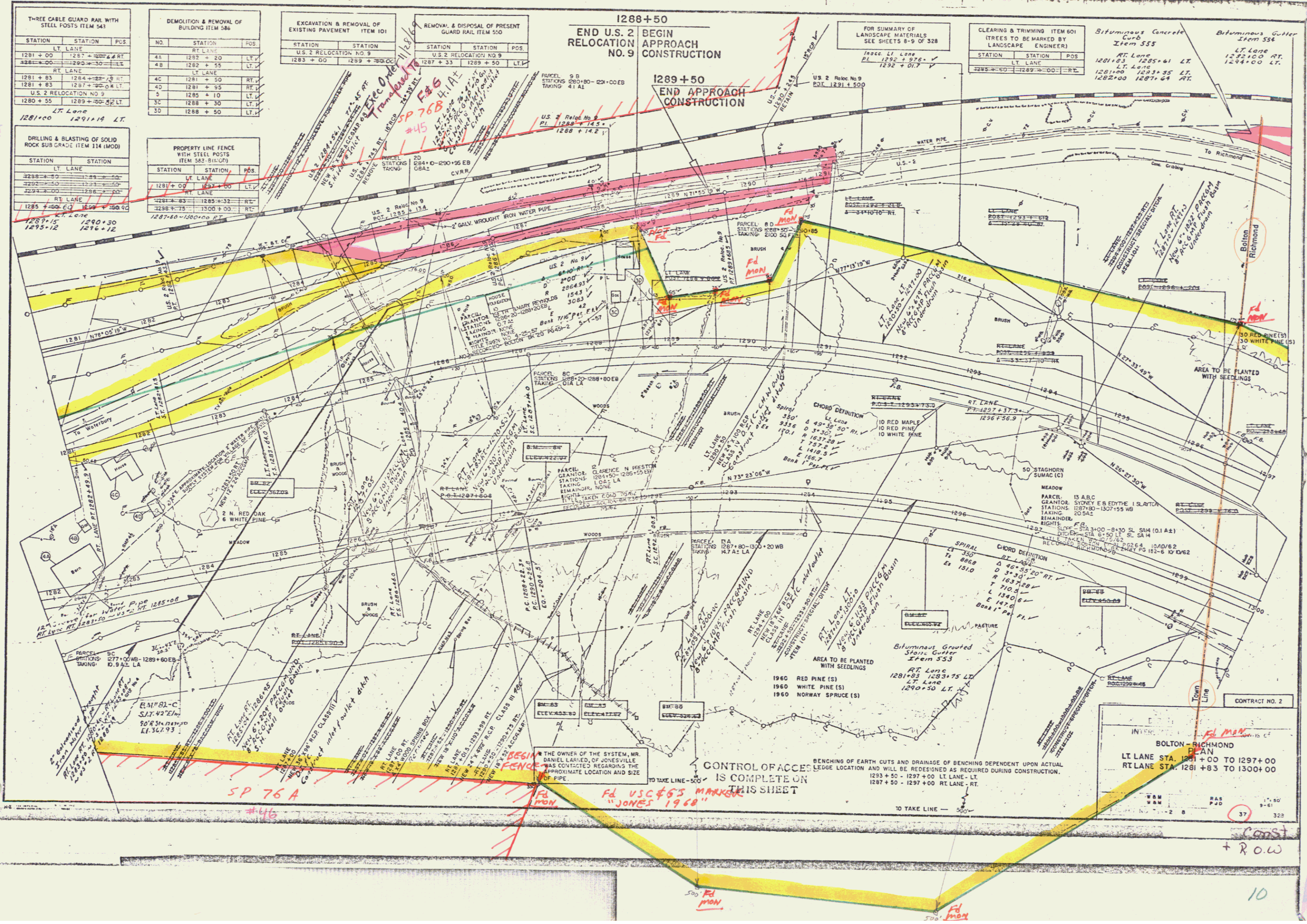
STATION	STATION	POS.
1287+33	1289+50	LT

END U.S. 2 RELOCATION NO. 9
 BEGIN APPROACH CONSTRUCTION

1289+50
 END APPROACH CONSTRUCTION

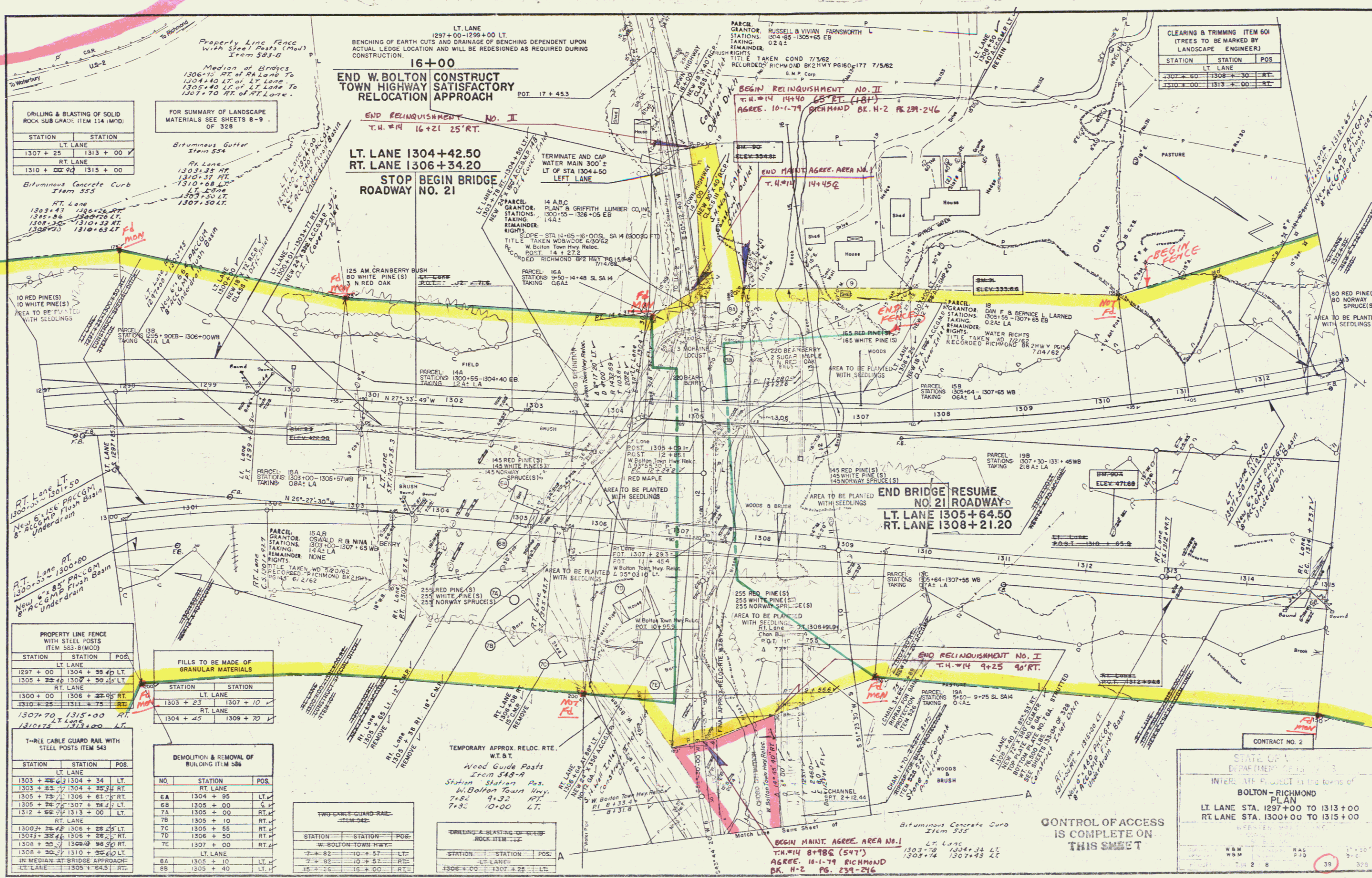
STATION	STATION	POS.
1281+03	1285+41	LT
1281+00	1283+35	LT
1282+00	1287+69	RT

STATION	STATION	POS.
1281+03	1285+41	LT
1281+00	1283+35	LT
1282+00	1287+69	RT



CONTRACT NO. 2
 BOLTON - RICHMOND
 PLAN
 LT LANE STA. 1281+00 TO 1297+00
 RT LANE STA. 1281+03 TO 1300+00

1" = 50'
 37
 10
 + ROW



CLEARING & TRIMMING ITEM 601
(TREES TO BE MARKED BY LANDSCAPE ENGINEER)

STATION	STATION	POS
1307+00	1308+30	RT.
1310+00	1313+00	RT.

GRILLING & BLASTING OF SOLID ROCK SUB GRADE ITEM 114 (MOD)

STATION	STATION
1307+25	1313+00
1310+00	1315+00

FOR SUMMARY OF LANDSCAPE MATERIALS SEE SHEETS 8-9 OF 328

Bituminous Gutter Item 554

RA Lane
1303.33 RT.
1310.37 RT.
1310.68 LT.
LT. Lane
1305.50 LT.
1307.50 LT.

Bituminous Concrete Curb Item 555

RT. Lane
1303+43 1306+24 RT.
1305+86 1307+56 LT.
1308+30 1310+33 RT.
1308+00 1310+63 LT.

END W. BOLTON CONSTRUCT TOWN HIGHWAY SATISFACTORY RELOCATION APPROACH

16+00

END RELINQUISHMENT NO. I
T.H.#14 16+21 25' RT.

**LT. LANE 1304+42.50
RT. LANE 1306+34.20**

STOP BEGIN BRIDGE ROADWAY NO. 21

TERMINATE AND CAP WATER MAIN 300"± LT OF STA 1304+50 LEFT LANE

BEGIN RELINQUISHMENT NO. II
T.H.#14 14+40 25' RT. (181)
AGREE. 10-1-79 RICHMOND BK. H-2 PG. 239-246

END MAINT. AGREE. AREA NO. 1
T.H.#14 14+45

END BRIDGE RESUME NO. 21 ROADWAY
LT. LANE 1305+64.50
RT. LANE 1308+21.20

END RELINQUISHMENT NO. I
T.H.#14 9+25 40' RT.

PROPERTY LINE FENCE WITH STEEL POSTS ITEM 553 (MOD)

STATION	STATION	POS
1297+00	1304+39	LT.
1305+28	1307+50	LT.
1300+00	1306+32	RT.
1310+28	1311+75	RT.
1307+70	1315+00	RT.
1310+72	1313+20	LT.

FILLS TO BE MADE OF GRANULAR MATERIALS

STATION	STATION
1303+25	1307+10
1304+45	1309+70

DEMOLITION & REMOVAL OF BUILDING ITEM 556

NO.	STATION	POS.
EA	1304+95	LT.
EB	1305+00	LT.
TA	1305+00	RT.
7B	1305+10	RT.
7C	1305+55	RT.
7D	1306+50	RT.
7E	1307+00	RT.
8A	1305+10	LT.
8B	1305+40	LT.

TWO CABLE GUARD RAIL ITEM 552

STATION	STATION	POS.
7+82	10+47	LT.
7+82	10+57	RT.
15+26	15+00	RT.

GRILLING & BLASTING OF SOLID ROCK ITEM 114

STATION	STATION	POS.
7+82	10+47	LT.
7+82	10+57	RT.
15+26	15+00	RT.

CONTRACT NO. 2

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
INTERSTATE PROJECT IN THE TOWNSHIP OF
BOLTON-RICHMOND
PLAN
LT. LANE STA. 1297+00 TO 1313+00
RT. LANE STA. 1300+00 TO 1315+00

W.M. P.D. 1:30' 9'-0" 370

28 39

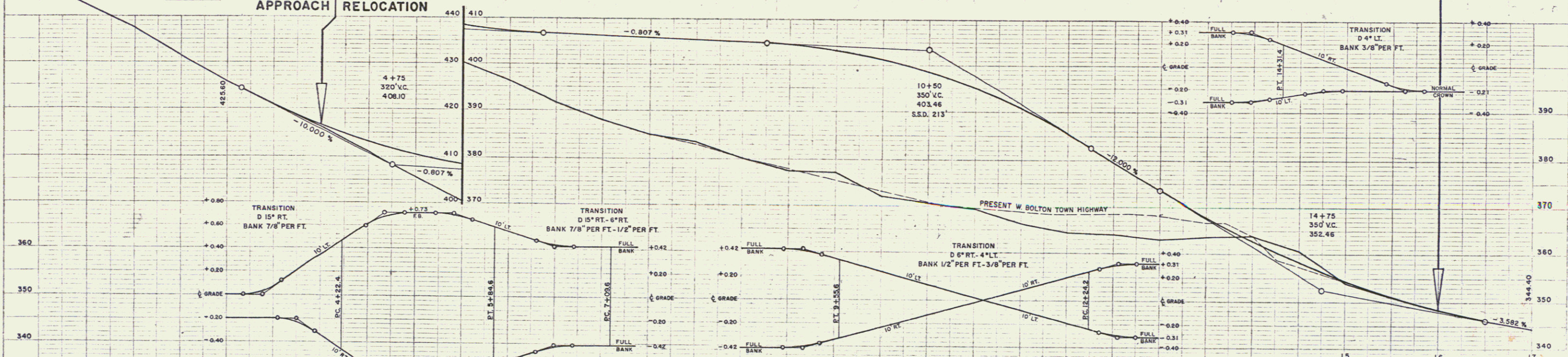
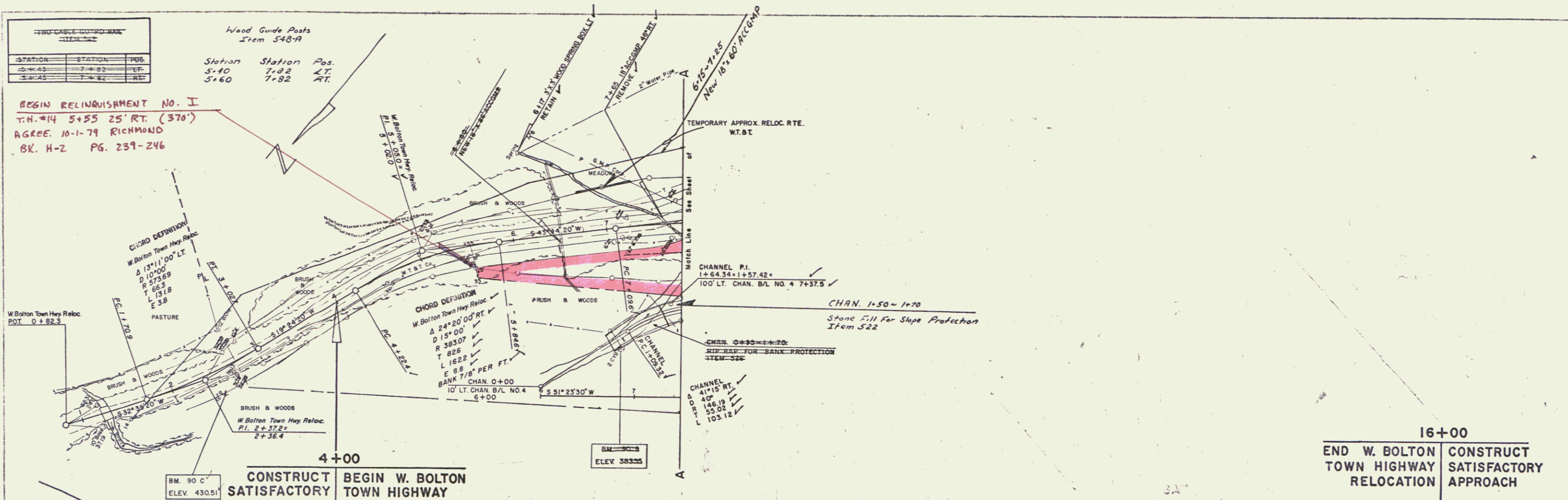
CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

const +
11 RD.W

STATION	STATION	POS.
5+45	7+82	LT.
5+45	7+82	RT.

BEGIN RELINQUISHMENT NO. I
 T.N. #14 5+55 25' RT. (370')
 AGREE 10-1-79 RICHMOND
 BK. H-2 PG. 239-246

Wood Guide Posts
 Item 548-A
 Station Station Pos.
 5+40 7+82 LT.
 5+60 7+82 RT.



16+00
 END W. BOLTON TOWN HIGHWAY RELOCATION
 CONSTRUCT SATISFACTORY APPROACH

CONTRACT NO. 2

STATE OF VERMONT
 DEPARTMENT OF HIGHWAYS
 INTERSTATE PROJECT in the towns of
 W. BOLTON TOWN HWY RELOC.
PLAN & PROFILE
 STA. 1+00 TO 17+00
 WEBSTER, MARTIN, INC.
 CONSULTING ENGINEERS
 50 BURLINGTON, VT

DESIGNED BY W.M.W. CHECKED BY R.A.S. SCALE VERT. 1\"/>

PROJECT NO. 189-2 (B) SHEET 41 OF 328

+ Const
 + Row
 12

THREE CABLE GUARD RAIL WITH STEEL POSTS ITEM 543		
STATION	STATION	POS
LT LANE		
1313+00	1315+25	LT
1321+34.47	1323+09.49	LT
1322+65.27	1323+24.32	RT
1325+74.5	1328+00	LT
1326+02.7	1328+00	RT
RT LANE		
1327+17.0	1329+63.6	LT
1327+28.6	1329+62.36	RT

PROPERTY LINE FENCE WITH STEEL POSTS ITEM 553 (MIN.)		
STATION	STATION	POS
LT LANE		
1320+00	1323+00	LT
1323+35	1325+39.9	RT (MEDIAN)
1325+47.5	1328+00	LT
1326+00	1328+00	RT (MEDIAN)
RT LANE		
1324+50	1329+88	RT

Median of Bridges
 1331+30 RT of RT Lane to
 1323+35 LT of LT Lane
 1328+00 RT of LT Lane to
 1332+20 RT of RT Lane

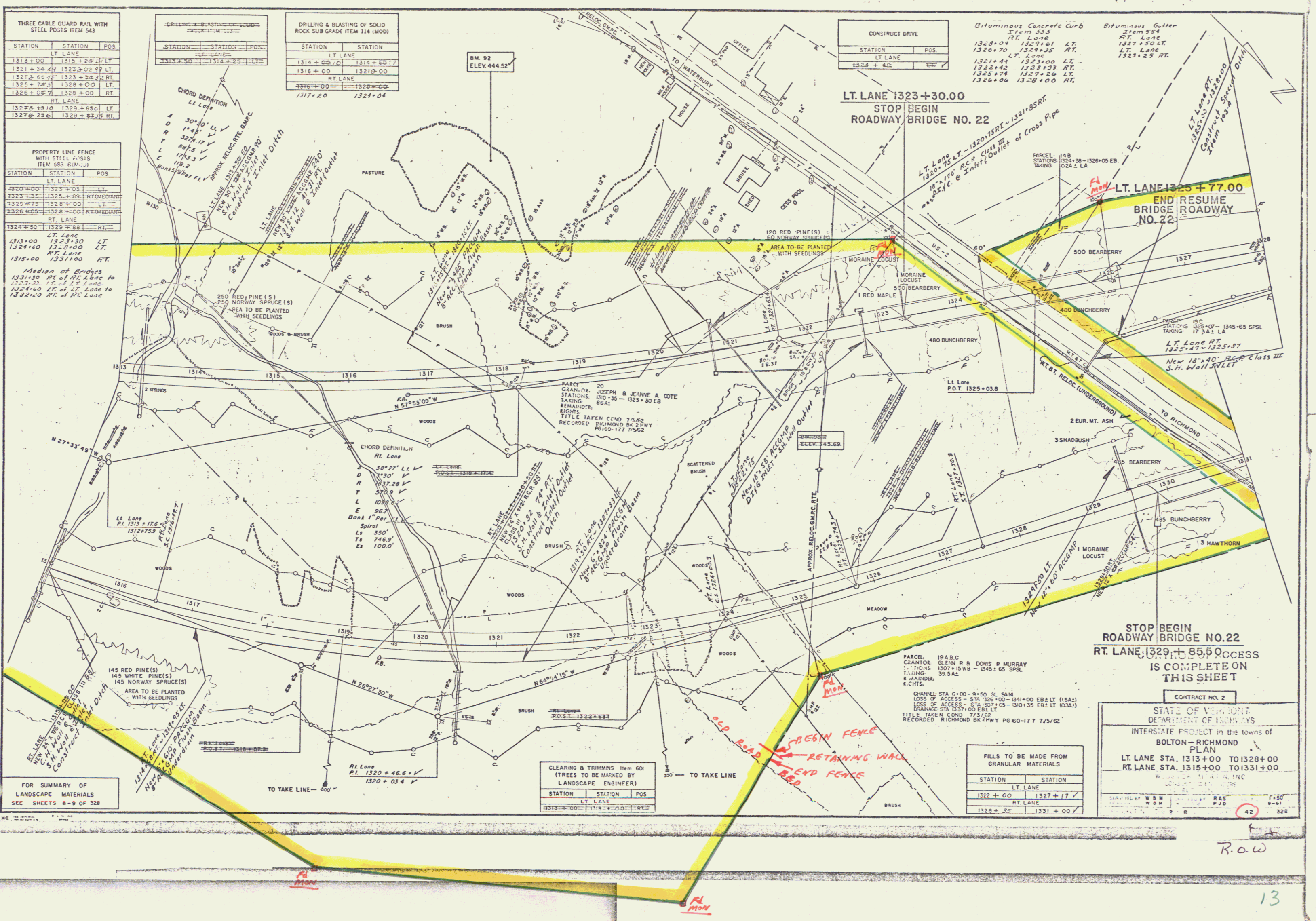
DRILLING & BLASTING OF SOLID ROCK SUB GRADE ITEM 114 (MOD)		
STATION	STATION	POS
LT LANE		
1313+50	1314+25	LT

DRILLING & BLASTING OF SOLID ROCK SUB GRADE ITEM 114 (MOD)		
STATION	STATION	POS
LT LANE		
1314+00/Q	1314+65	LT
1316+00	1321+00	RT
RT LANE		
1316+00	1321+00	RT
1317+20	1324+04	RT

CONSTRUCT DRIVE		
STATION	STATION	POS
LT LANE		
1328+40		

Bituminous Concrete Curb Item 555		
STATION	STATION	POS
LT LANE		
1328+04	1329+61	LT
1326+70	1329+35	RT
RT LANE		
1321+44	1323+00	LT
1322+42	1323+33	RT
1325+74	1327+24	LT
1326+06	1328+00	RT

Bituminous Gutter Item 554		
STATION	STATION	POS
LT LANE		
1327+50		LT
RT LANE		
1323+23		RT



STOP BEGIN
 ROADWAY BRIDGE NO. 22
 RT LANE 1329+85.50 ACCESS
 IS COMPLETE ON
 THIS SHEET

CONTRACT NO. 2

STATE OF VERMONT
 DEPARTMENT OF HIGHWAYS
 INTERSTATE PROJECT in the towns of
 BOLTON - RICHMOND
 PLAN
 LT LANE STA. 1313+00 TO 1328+00
 RT LANE STA. 1315+00 TO 1331+00

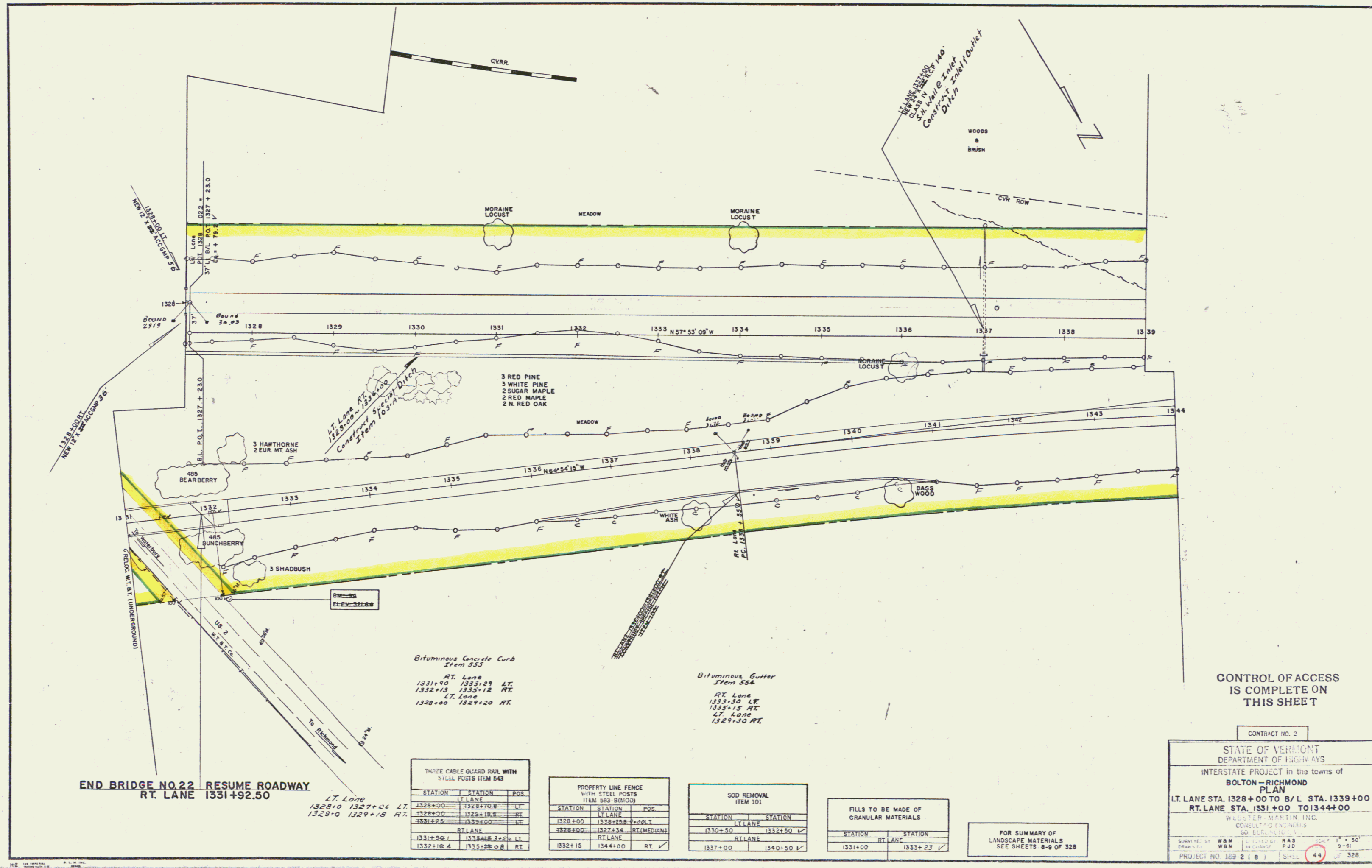
DATE: 11/15/81
 DRAWN BY: W.B.M. R.A.S. 1:50
 CHECKED BY: W.B.M. P.J.B. 42 328

FILLS TO BE MADE FROM GRANULAR MATERIALS		
STATION	STATION	
LT LANE		
1322+00	1327+17	✓
RT LANE		
1328+35	1331+00	✓

CLEARING & TRIMMING Item 601 (TREES TO BE MARKED BY LANDSCAPE ENGINEER)		
STATION	STATION	POS
LT LANE		
1313+00	1318+00	RT

FOR SUMMARY OF LANDSCAPE MATERIALS SEE SHEETS 8-9 OF 328

R.O.W



END BRIDGE NO. 22 RESUME ROADWAY
RT. LANE 1331+92.50

LT. Lane
1328+00 1327+26 LT.
1328+00 1329+18 RT.

THREE CABLE GUARD RAIL WITH STEEL POSTS ITEM 543

STATION	STATION	POS.
1328+00	1328+70.8	LT.
1328+00	1329+18.8	RT.
1331+20	1331+00	LT.

PROPERTY LINE FENCE WITH STEEL POSTS ITEM 569-BIMOOD

STATION	STATION	POS.
1328+00	1328+28.0	LT.
1328+00	1327+34	RT.
1332+15	1344+00	RT.

SOD REMOVAL ITEM 101

STATION	STATION
1330+50	1332+50
1337+00	1340+50

FILLS TO BE MADE OF GRANULAR MATERIALS

STATION	STATION
1331+00	1335+23

FOR SUMMARY OF LANDSCAPE MATERIALS SEE SHEETS 8-9 OF 328

CONTRACT NO. 2

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

INTERSTATE PROJECT in the towns of
BOLTON - RICHMOND
PLAN

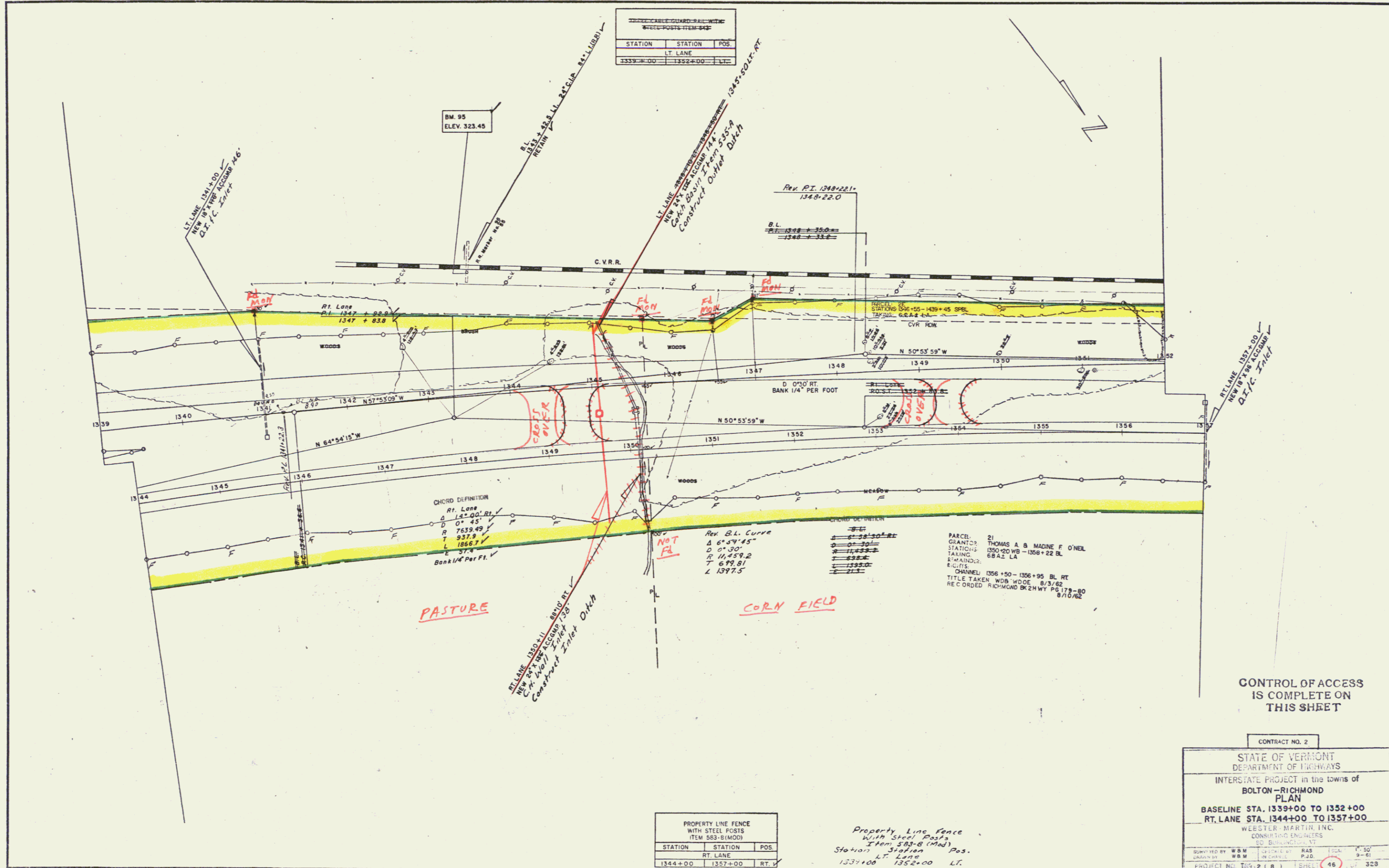
LT. LANE STA. 1328+00 TO B/L STA. 1339+00
RT. LANE STA. 1331+00 TO 1344+00

REGISTERED ENGINEERS
SO. VERMONT

DESIGNED BY: WBM
DRAWN BY: WBM
CHECKED BY: RAS
IN CHARGE: P.D.

SCALE: 1" = 50'
9-61

PROJECT NO. 189 2 | 8 | SHEET 44 OF 328



STATION	STATION	POS.
1339+00	1352+00	LT.

CHORD DEFINITION
 Rt. Lane
 Δ 12.00 RT
 D 0° 45' W
 R 7639.49
 L 937.9
 L 1866.7
 L 37.4
 Bank 1/4" Per Ft

REV. BL. CURVE
 Δ 60° 44' 45"
 D 0° 30'
 R 11459.2
 T 679.81
 L 1397.5

PARCEL 21
 GRANTEE THOMAS A & MADIE F O'NEIL
 STATIONS 0350+00 WD - 0368+22 BL
 TAKING 6842 LA
 REMAINDER
 RIGHTS
 CHANNEL 056+50 - 036+95 BL RT
 TITLE TAKEN WDB WDOE 8/3/82
 RECORDED RICHMOND BK2HWY PG 179-80
 8/10/82

STATION	STATION	POS.
1344+00	1357+00	RT.

Property Line Fence
 With Steel Posts
 Item 583-B (Mod)
 Stationing Station
 LT Lane
 1337+00 1352+00 LT.

CONTROL OF ACCESS
 IS COMPLETE ON
 THIS SHEET

CONTRACT NO. 2

STATE OF VERMONT
 DEPARTMENT OF HIGHWAYS

INTERSTATE PROJECT in the towns of
 BOLTON - RICHMOND
 PLAN

BASELINE STA. 1339+00 TO 1352+00
 RT. LANE STA. 1344+00 TO 1357+00

WEBSTER, MARTIN, INC.
 CONSULTING ENGINEERS

DESIGNED BY: BSM
 DRAWN BY: BSM
 CHECKED BY: PJD
 IN CHARGE: PJD

DATE: 12-24-81
 SCALE: 1" = 50'
 SHEET: 46 OF 50

PROJECT NO. 105-2(8) SHEET 46 OF 50

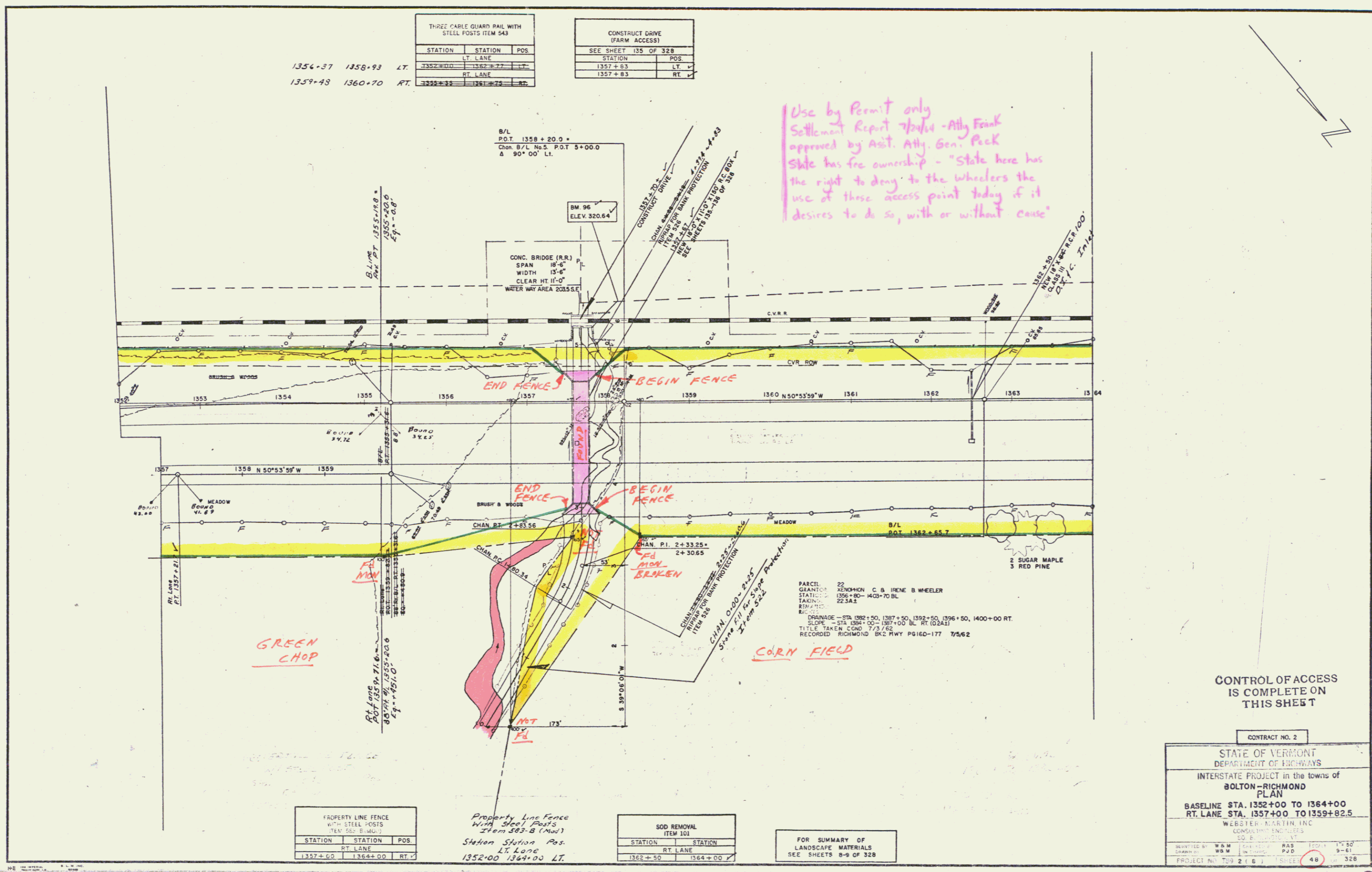
15

1354+37	1358+93	LT.
1359+43	1360+70	RT.

THREE CABLE GUARD RAIL WITH STEEL POSTS ITEM 543		
STATION	STATION	POS.
1352+00	1362+77	LT.
		RT. LANE
1355+32	1361+75	RT.

CONSTRUCT DRIVE (FARM ACCESS)		
SEE SHEET 135 OF 328		
STATION	STATION	POS.
1357+63		LT.
1357+83		RT.

Use by Permit only
Settlement Report 7/4/16 - Atty Frank
approved by Asst. Atty. Gen. Peck
State has fee ownership - State here has
the right to deny to the wheelers the
use of these access point today if it
desires to do so, with or without cause



PROPERTY LINE FENCE WITH STEEL POSTS (ITEM 543-B (Mod))		
STATION	STATION	POS.
1357+00	1364+00	RT.

Property Line Fence With Steel Posts (Item 543-B (Mod))
Station Station Pos
LT. Lane
1352+00 1364+00 LT.

SOD REMOVAL ITEM 101		
STATION	STATION	POS.
1362+50	1364+00	RT.

FOR SUMMARY OF LANDSCAPE MATERIALS SEE SHEETS 8-9 OF 328

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

CONTRACT NO. 2

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

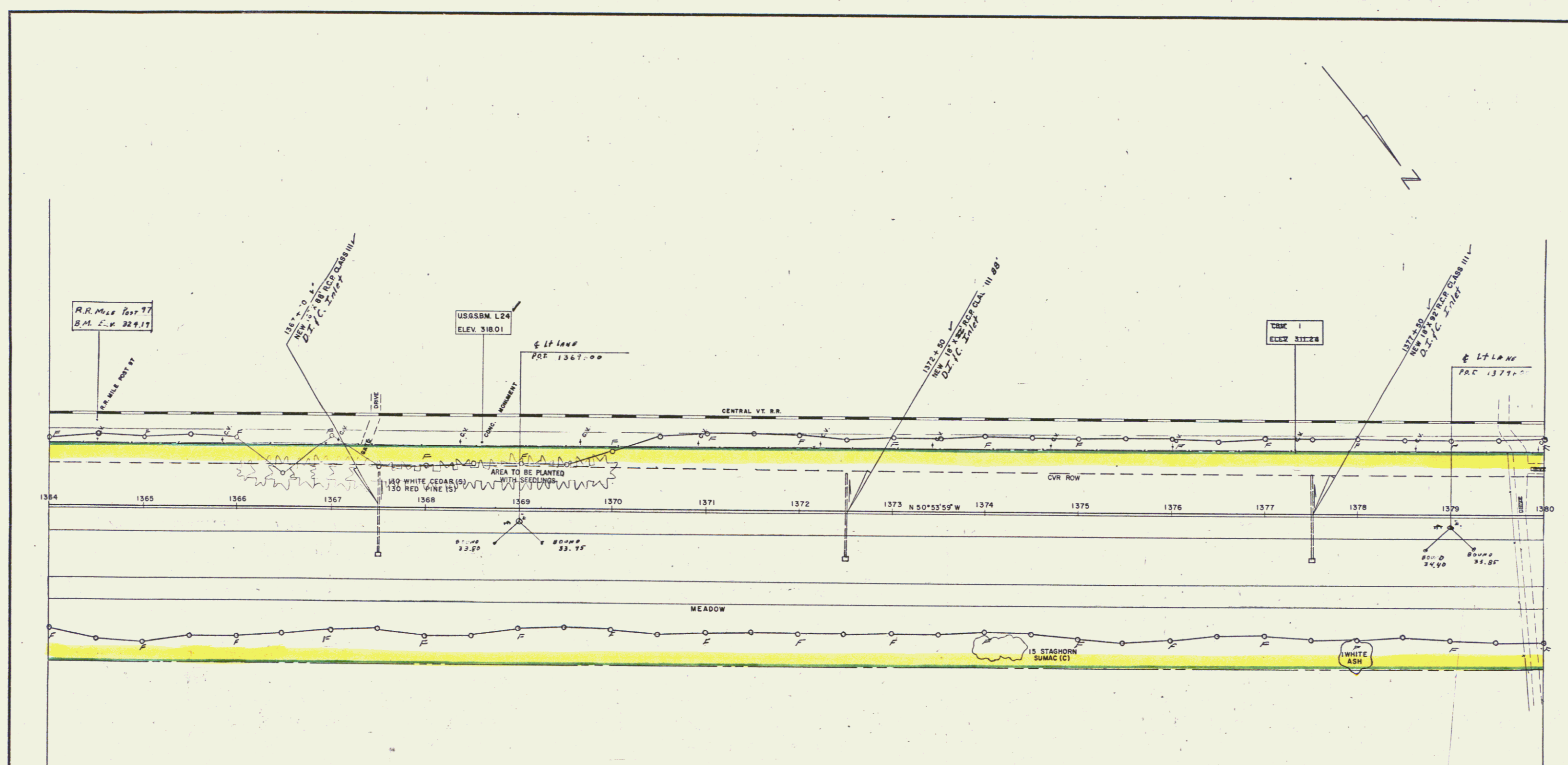
INTERSTATE PROJECT in the towns of
BOLTON-RICHMOND
PLAN

BASELINE STA. 1352+00 TO 1364+00
RT. LANE STA. 1357+00 TO 1359+82.5

WEBSTER-MARTIN, INC.
CONSULTING ENGINEERS
100 B. BENTLEY ST.
WATERBURY, VT 05671

SUBMITTED BY: W & M
CHECKED BY: W & M
DESIGNED BY: W & M
PROJECT NO: T59 2 (16)
SHEET 48 OF 328

Const. Rd.
16



R.R. M. 100 100 77
B.M. L.V. 229.17

USGSBM L24
ELEV. 318.01

TBM 1
ELEV. 317.28

THREE CABLE GUARD RAIL WITH STEEL POSTS ITEM 543

STATION	STATION	POS.
1378+26.46	1380+00	RT

LT. Lane
1364+00 1380+00 LT.

STATION	STATION	POS.
1364+00	1380+00	RT

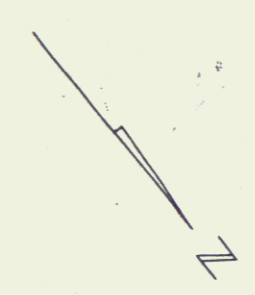
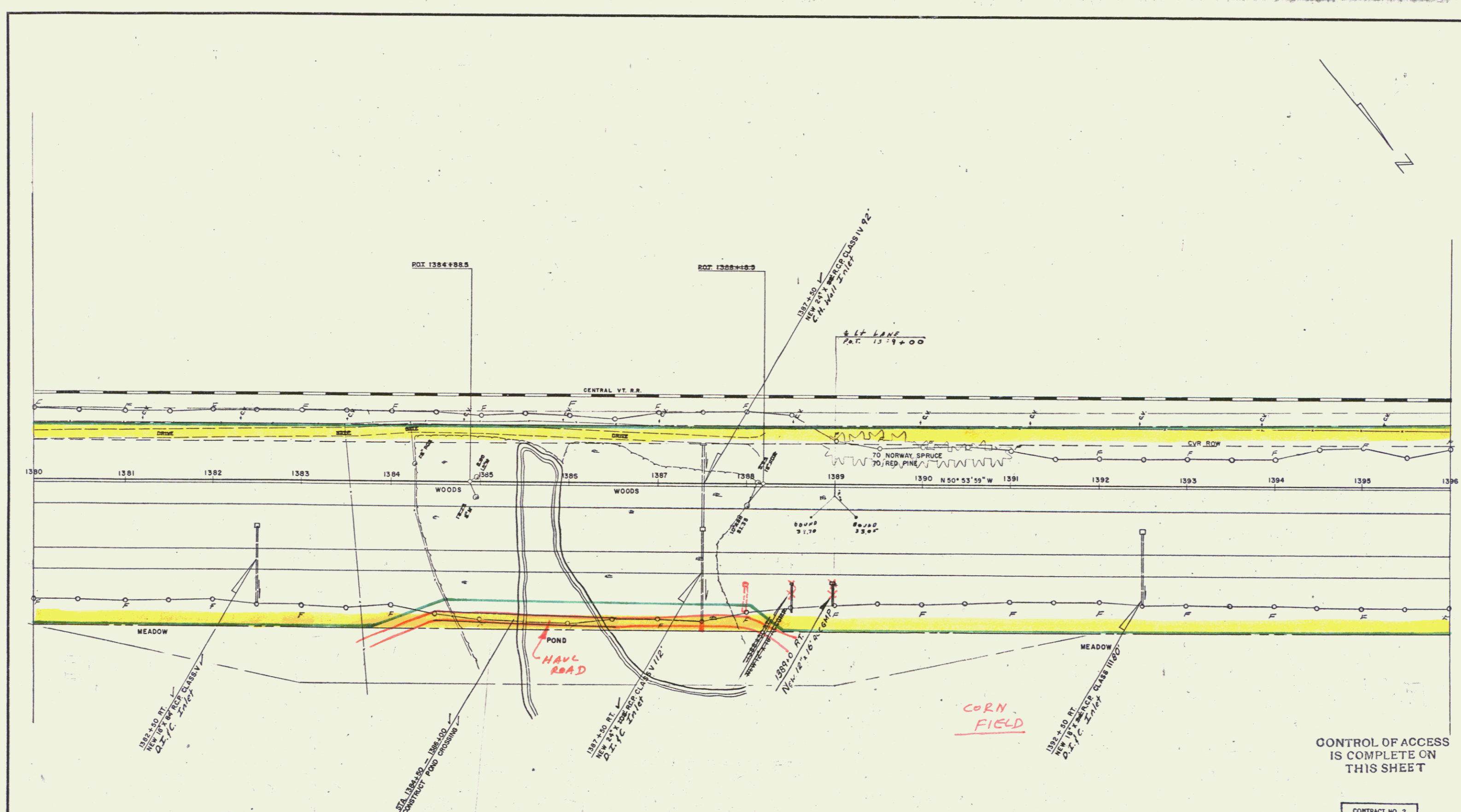
FOR SUMMARY OF LANDSCAPE MATERIALS SEE SHEETS 8-9 OF 328

CONTRACT NO. 2
STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
INTERSTATE PROJECT in the towns of
BOLTON - RICHMOND
PLAN
STA. 1364+00 TO 1380+00

WEBSTER MARTIN INC
CONSULTING ENGINEERS
10 BURTON ST. VERMONT

DESIGNED BY	W & M	CHECKED BY	RAS	SCALE	1" = 50'
DRAWN BY	W & M	IN CHARGE	PJD		9-61
PROJECT NO.	109-2 (8)	SHEET	50		CF 328

CONST. REC'D



THREE CABLE GUARD RAIL WITH STEEL POSTS ITEM 543

STATION	STATION	POS
1380+00	1396+00	RT

LT Lane
1380+00 1396+00 LT

PROPERTY LINE FENCE WITH STEEL POSTS ITEM 543-B(100)		
STATION	STATION	POS
1380+00	1396+00	RT

FOR SUMMARY OF LANDSCAPE MATERIALS SEE SHEETS B-9 OF 328

FRONTAGE ROAD
RT. LANE - RT.
1384+00-1387+00 ✓

Bituminous Concrete Curb
Item 535
RT. Lane
1384+21 1388+20 RT.

CONTRACT NO. 2

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

INTERSTATE PROJECT in the towns of
BOLTON - RICHMOND

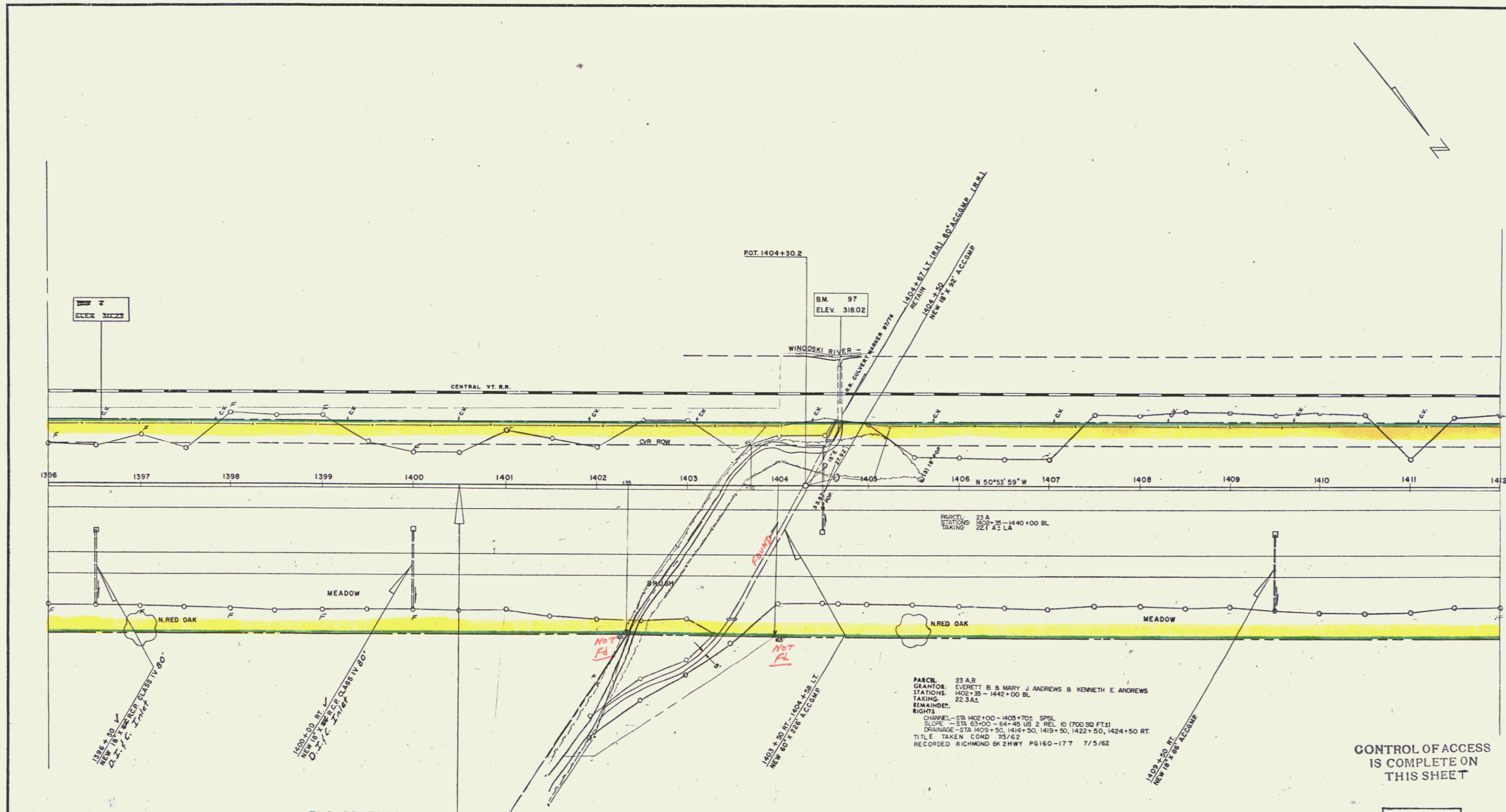
PLAN
STA. 1380+00 TO 1396+00

WEBSTER-MARTIN, INC.
CONSULTING ENGINEERS
50 BURLINGTON ST.
BURLINGTON, VT.

DESIGNED BY	W.S.M.	CHECKED BY	R.A.S.	SCALE	1" = 50'
DRAWN BY	W.S.M.	IN CHARGE	P.D.		9-61

PROJECT NO. 169 2 (8) | SHEET NO. 52 OF 328

Cost & Bond



END CONTRACT NO. 2 BEGIN CONTRACT NO. 3
1400+50

LT Lane
1400+50 1400+50 LT.

CONTRACT NO. 2 THREE CABLE GUARD RAIL WITH STEEL POSTS ITEM 543		
STATION	STATION	POS.
1396+00	1400+50	RT

LT Lane
1396+00 1400+50 LT.

CONTRACT NO. 2 PROPERTY LINE FENCE WITH STEEL POSTS ITEM 543-BIMOD		
STATION	STATION	POS.
1396+00	1400+50	RT

CONTRACT NO. 2
FOR SUMMARY OF
LANDSCAPE MATERIALS
SEE SHEET 8-9 OF 328

CONTRACT NO. 3
FOR SUMMARY OF
LANDSCAPE MATERIALS
SEE SHEET 6 OF 118

CONTRACT NO. 3 PROPERTY LINE FENCE WITH STEEL POSTS ITEM 543-BIMOD		
STATION	STATION	POS.
1400+50	1412+00	RT

CONTRACT NO. 3 THREE CABLE GUARD RAIL WITH STEEL POSTS ITEM 543		
STATION	STATION	POS.
1400+50	1412+00	LT
1400+50	1412+00	RT

CONTRACT NO. 2

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

INTERSTATE PROJECT in the towns of
BOLTON - RICHMOND

PLAN
STA. 1396+00 TO 1412+00

WEBSTER-MARTIN, INC.
CONSULTING ENGINEERS
300 BURLINGTON ST.
BURLINGTON, VT.

DATE: 11/80 WBM PJE 1"=50'
DRAWN: WBM PJO 9'-6"
CHECKED: WBM PJO
PROJECT NO. 107 2 (8) 54 OF 328

CONTROL OF ACCESS
IS COMPLETE ON
THIS SHEET

Const. Row
19

EVERETT B. & MARY J. ANDREWS & KENNETH E. ANDREWS

BM 98
ELEV. 318.91

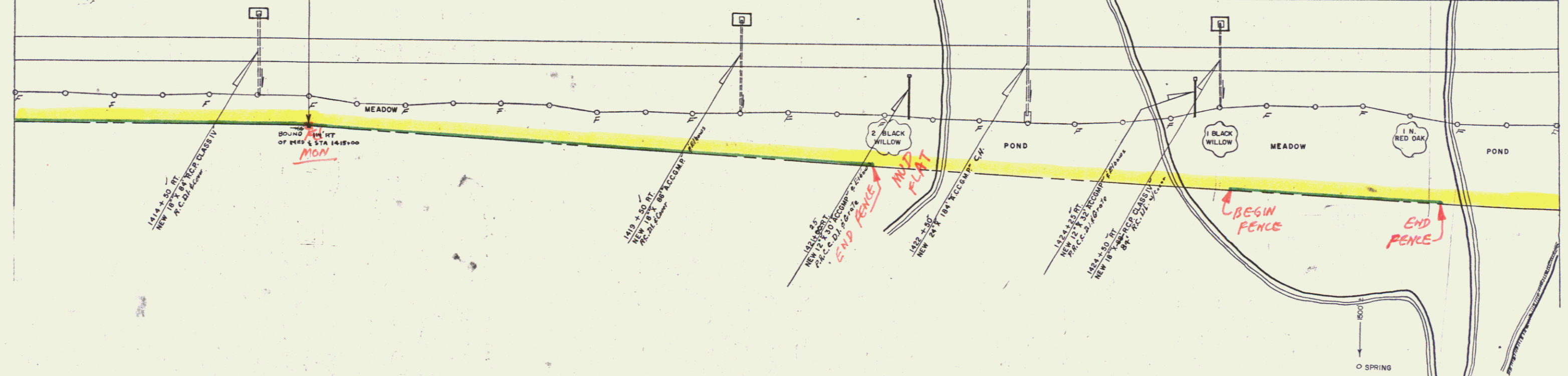
CR. MILE POST 88

CENTRAL VT. R.R.

CVR ROW

CVR ROW

1412 1413 1414 1415 1416 1417 1418 1419 N 50°53'59" W 1420 1421 1422 1423 1424 1425 1426 1427 1428



THREE CABLE GUARD RAIL WITH STEEL POSTS ITEM 543		
STATION	STATION	POS.
	LT. LANE	
1412+00	1428+00	LT.
	RT. LANE	
1412+00	1428+00	RT.

STA.	STA.	POS.
RT. LANE		
1412+00	1420+72	RT.
1428+43	1426+71	RT.
LT. LANE		
1412+00	1428+00	LT.

PROPERTY LINE FENCE WITH STEEL POSTS ITEM 583-B(1000)		
STATION	STATION	POS.
LT. LANE		
1413+00	1428+00	LT.

ROCK FILL MUCK EXCAVATION ITEM 116 (500)	
STATION	STATION
1421+00	1428+50

FOR SUMMARY OF LANDSCAPE MATERIALS SEE SHEET 6 OF 118

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

CONTRACT NO. 3

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

INTERSTATE PROJECT in the towns of
BOLTON-RICHMOND
PLAN
STA. 1412+00 TO 1428+00

WEBSTER MARTIN, INC.
CONSULTING ENGINEERS
20 BURLINGTON, VT.

DESIGNED BY W & M CHECKED BY RAS DATE 11-1-81
DRAWN BY W & M IN CHARGE P.D. SCALE 1" = 40'-0"

PROJECT NO. 782 (8-1) SHEET 17 OF 118

East Row 20

EXCAVATION & REMOVAL OF EXISTING PAVEMENT ITEM 101

STATION	STATION	POS.
1442+75	1444+00	RT
U.S. 2 RELOCATION NO. 10		
62+00	65+50	RT.

FILLS TO BE MADE OF GRANULAR MATERIALS

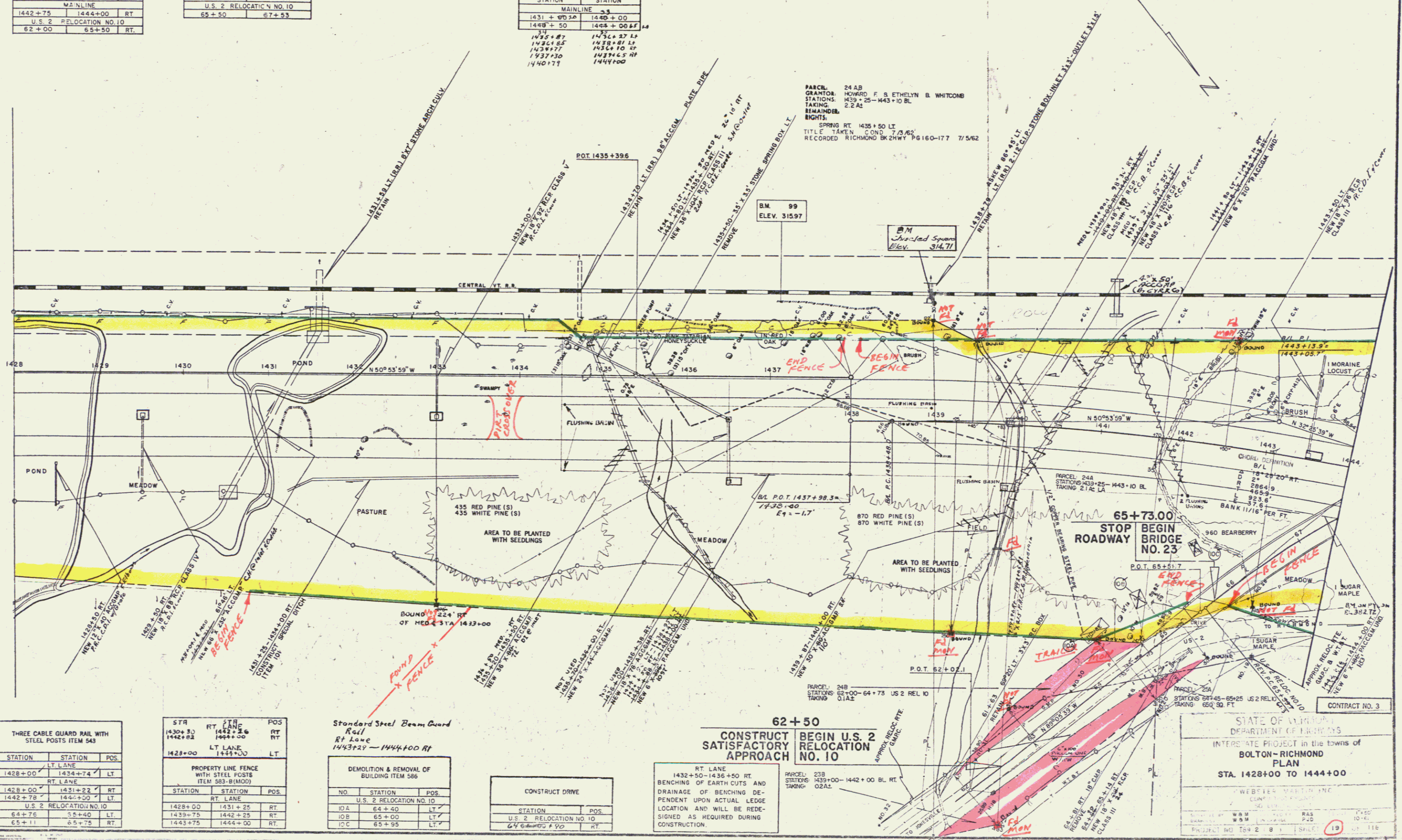
STATION	STATION
U.S. 2 RELOCATION NO. 10	65+50
67+53	

FOR SUMMARY OF LANDSCAPE MATERIALS SEE SHEET 6 OF 118

DRILLING & BLASTING OF SOLID ROCK SUB GRADE ITEM 114 (MOD)

STATION	STATION
MAINLINE	
1431+00	1440+00
1448+50	1448+00
1435+87	1435+27
1436+85	1438+81
1437+77	1437+10
1437+30	1437+50
1440+77	1444+00

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET



THREE CABLE GUARD RAIL WITH STEEL POSTS ITEM 543

STATION	STATION	POS.
1428+00	1434+74	LT
1428+00	1431+22	RT
1442+78	1444+00	LT
U.S. 2 RELOCATION NO. 10		
64+76	65+40	LT
65+11	65+75	RT

STR RT 2712 POS 1430+30 1442+26 RT 1442+83 1444+00 RT

PROPERTY LINE FENCE WITH STEEL POSTS ITEM 583-B(MOD)

STATION	STATION	POS.
1428+00	1431+25	RT
1439+75	1442+25	RT
1443+75	1444+00	RT

Standard Steel Beam Guard Rail RT Lane 1443+21 - 1444+00 RT

DEMOLITION & REMOVAL OF BUILDING ITEM 586

NO.	STATION	POS.
10A	64+40	LT
10B	65+00	LT
10C	65+95	LT

CONSTRUCT DRIVE

STATION	POS.
U.S. 2 RELOCATION NO. 10	
64+00	65+00
64+00	65+00

RT LANE 1432+50-1436+50 RT. BENCHING OF EARTH CUTS AND DRAINAGE OF EARTH CUTS DEPENDENT UPON ACTUAL LEDGE LOCATION AND WILL BE REDESIGNED AS REQUIRED DURING CONSTRUCTION.

62+50 CONSTRUCT BEGIN U.S. 2 RELOCATION APPROACH

STATE OF VERMONT DEPARTMENT OF TRANSPORTATION INTERSTATE PROJECT IN THE TOWNS OF BOLTON-RICHMOND PLAN STA. 1428+00 TO 1444+00

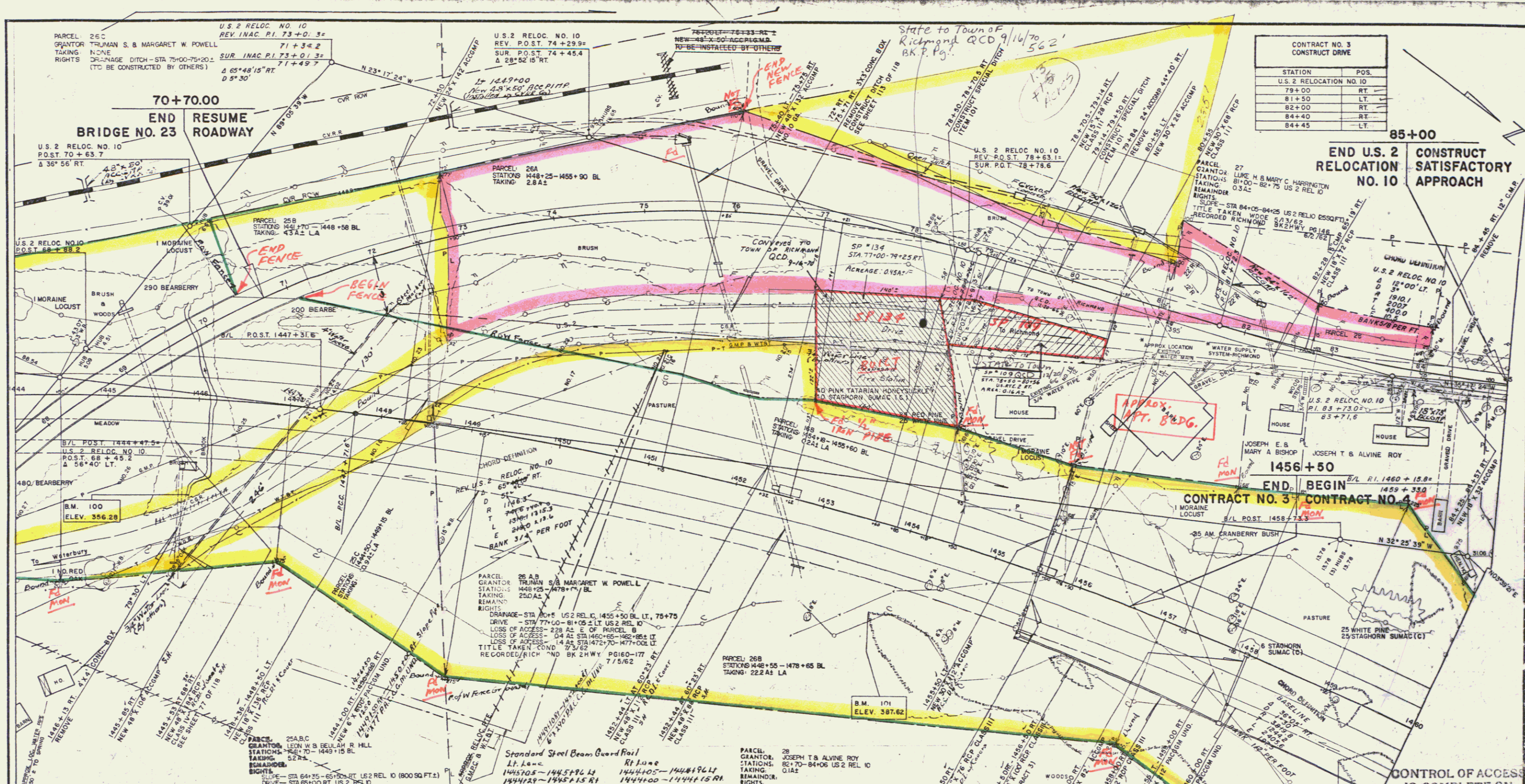
WEBSTER MARTIN INC.

PROJECT NO. T59 2 8 19

118

cast + Bce

21



CONTRACT NO. 3
CONSTRUCT DRIVE

STATION	POS.
U.S. 2 RELOCATION NO. 10	
79+00	RT
81+50	LT
82+00	RT
84+40	RT
84+45	LT

END U.S. 2 RELOCATION NO. 10
CONSTRUCT SATISFACTORY APPROACH

CONTRACT NO. 3
CONTRACT NO. 4

CONTRACT NO. 3
FOR SUMMARY OF
LANDSCAPE MATERIALS
SEE SHEET 6 OF 118

CONTRACT NO. 3
SEEDING, SPECIAL ITEM 611
1447+00 - 1452+00 RT.
SEE SHEET 2 OF 118

CONTRACT NO. 3
PLANK GUARD RAIL WITH
PRESERVATIVE TREATMENT ITEM 541-A
(BARRICADE)
STATION POS.
U.S. 2 RELOCATION NO. 10
78+55 RT.

CONTRACT NO. 3
EXCAVATION & REMOVAL OF ROAD
SURFACE ON ROADWAYS
ITEM 318-A
STATION STATION POS.
U.S. 2 RELOCATION NO. 10
73+00 82+00 RT

CONTRACT NO. 3
FILLS TO BE MADE OF
GRANULAR MATERIALS
STATION STATION
U.S. 2 RELOCATION NO. 10
67+53 72+67

THE FOLLOWING PEOPLE WERE CONTACTED
REGARDING APPROX. PIPE LOCATIONS & SIZES
ORRA MARSHALL WATER COMMISSIONER
VILLAGE OF RICHMOND
ALBERT EDWARDS FORMER OWNER
OF SYSTEM
WALTER ADAMS CONTRACTOR

CONTRACT NO. 4
DRILLING & BLASTING OF SOLID
ROCK SUB GRADE ITEM 114 (MOB)
STATION STATION
MAINLINE
1458+00 1460+00

CONTRACT NO. 4
FOR SUMMARY OF
LANDSCAPE MATERIALS
SEE SHEET OF

CONTRACT NO. 3
THREE CABLE GUARD RAIL WITH
STEEL POSTS ITEM 543

STATION	STATION	POS.
1444+00	1456+28.50	LT
1453+30	1456+50	LT
		RT LANE
1444+00	1456+28.50	LT
U.S. 2 RELOCATION NO. 10		
70+49	80+16.5	LT
71+18	71+89	RT

CONTRACT NO. 3
REMOVAL & DISPOSAL OF PRESENT
GUARD RAIL ITEM 550

STATION	STATION	POS.
1445+57	1446+36	RT
1445+72	1445+97	RT
		MAINLINE
1445+57	1446+36	RT
U.S. 2 RELOCATION NO. 10		
75+13	79+42	RT
75+87	76+11	RT

CONTRACT NO. 3
PROPERTY LINE FENCE
WITH STEEL POSTS
ITEM 503-B (MOD)
STATION STATION POS.
1444+00 1451+15 LT

STATION	STATION	POS.
1447+00	1456+30	LT
		RT LANE
1444+00	1451+15	LT

CONTRACT NO. 3
DRILLING & BLASTING OF SOLID
ROCK SUB GRADE ITEM 114 (MOD)
STATION STATION
MAINLINE
1444+00 1449+00 RT-LT
U.S. 2 RELOCATION NO. 10
82+00 85+00

STATION	STATION	POS.
1444+00	1444+50	
1447+00	1453+20.0	
1454+50	1456+00.0	

CONTRACT NO. 3
EXCAVATION & REMOVAL OF
EXISTING PAVEMENT ITEM 101
STATION STATION POS.
MAINLINE
1444+00 1449+00 RT-LT
U.S. 2 RELOCATION NO. 10
82+00 85+00

STATION	STATION	POS.
1444+00	1449+00	RT-LT
1453+50	1455+50	
1456+50	1457+17	LT

CONTRACT NO. 3
SOD REMOVAL
ITEM 521
STATION STATION
MAINLINE
1453+50 1455+50
U.S. 2 RELOCATION NO. 10
78+50 83+50

STATION	STATION
1453+50	1455+50
1456+50	1457+17

CONTRACT NO. 4
THREE CABLE GUARD RAIL WITH
STEEL POSTS ITEM 543
STATION STATION POS.
LT LANE
1456+50 1457+17 LT

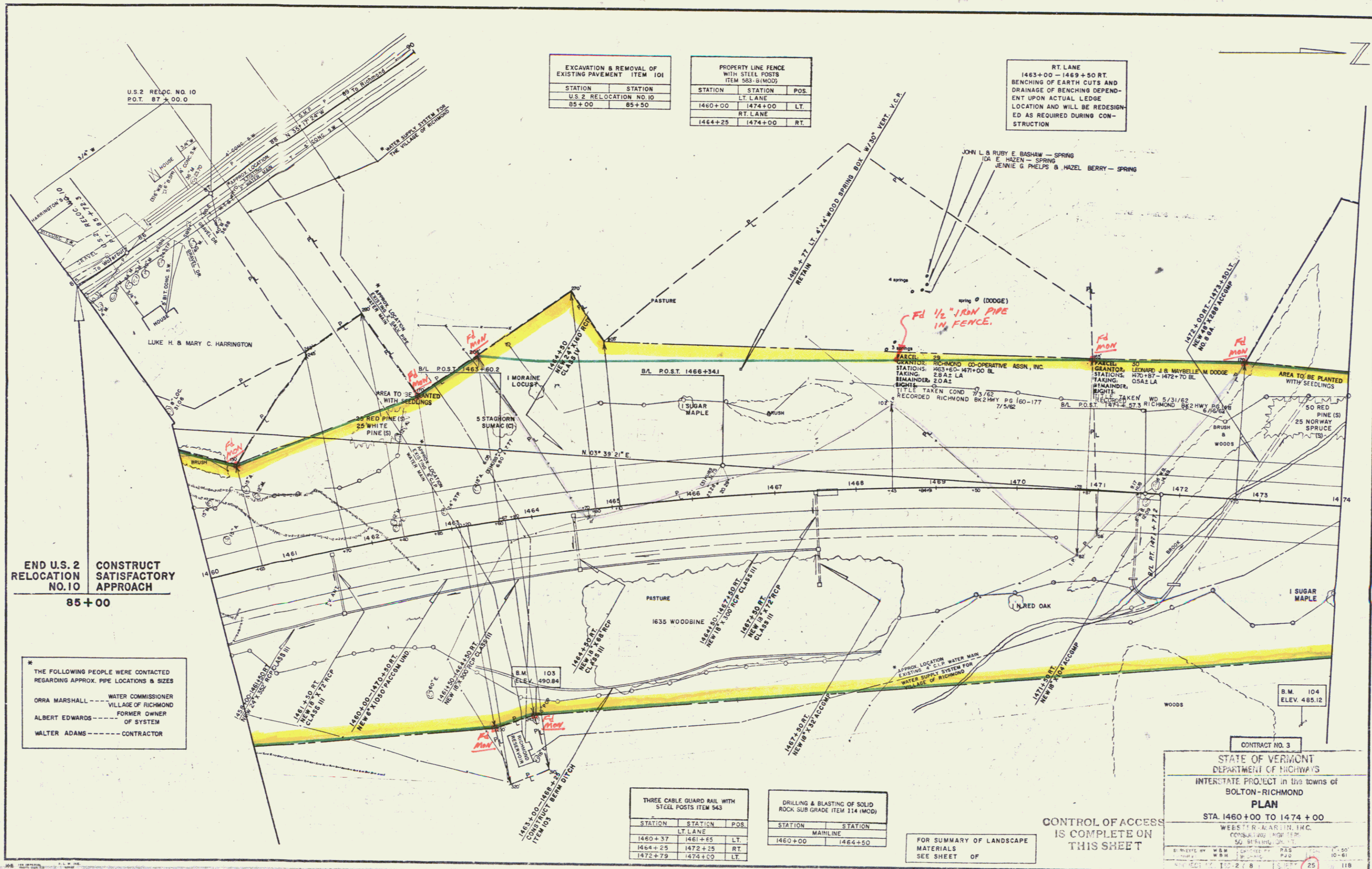
STATION	STATION	POS.
1456+50	1457+17	LT

CONTRACT NO. 4
PROPERTY LINE FENCE
WITH STEEL POSTS
ITEM 503-B (MOD)
STATION STATION POS.
RT LANE
1456+50 1459+25 RT

STATION	STATION	POS.
1456+50	1459+25	RT

CONTRACT NO. 3
STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
INTERSTATE PROJECT # THE SUMMIT OF
BOLTON-RICHMOND
PLAN
STA. 1444+00 TO 1460+00
WEBSTER-MARTIN, INC.
CONSULTING ENGINEERS
100 N. B. ST. VERMONT
RICHMOND, VT. 05477
DATE: 11-80
BY: WBM
CHECKED: TTB
SCALE: 1" = 40'
SHEET: 22 OF 118

1 Coast to 2.00
22



END U.S. 2
RELOCATION
NO. 10
CONSTRUCT
SATISFACTORY
APPROACH
85+00

* THE FOLLOWING PEOPLE WERE CONTACTED REGARDING APPROX. PIPE LOCATIONS & SIZES
ORRA MARSHALL ----- WATER COMMISSIONER
VILLAGE OF RICHMOND
ALBERT EDWARDS ----- FORMER OWNER OF SYSTEM
WALTER ADAMS ----- CONTRACTOR

EXCAVATION & REMOVAL OF EXISTING PAVEMENT ITEM 101	
STATION	STATION
U.S. 2 RELOCATION NO. 10	85+00
85+00	85+50

PROPERTY LINE FENCE WITH STEEL POSTS ITEM 583-B(MOD)		
STATION	STATION	POS.
1460+00	1474+00	LT.
1464+25	1474+00	RT.

RT LANE
1463+00 - 1469+50 RT.
BENCHING OF EARTH CUTS AND DRAINAGE OF BENCHING DEPENDENT UPON ACTUAL LEDGE LOCATION AND WILL BE REDESIGNED AS REQUIRED DURING CONSTRUCTION

THREE CABLE GUARD RAIL WITH STEEL POSTS ITEM 543		
STATION	STATION	POS.
1460+37	1461+65	LT.
1464+25	1472+25	RT.
1472+79	1474+00	LT.

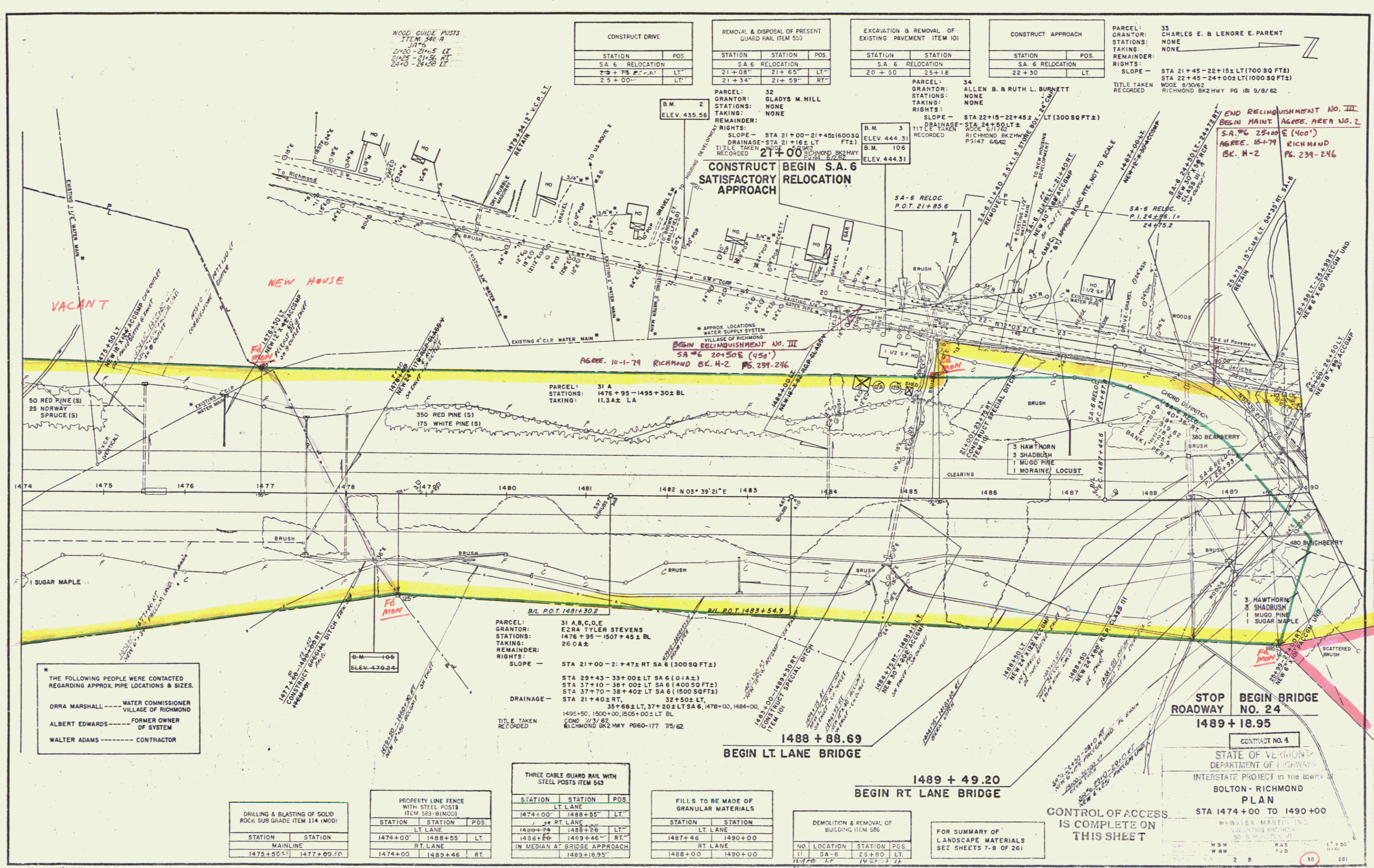
DRILLING & BLASTING OF SOLID ROCK SUB GRADE ITEM 114 (MOD)	
STATION	STATION
1460+00	1464+50

FOR SUMMARY OF LANDSCAPE MATERIALS SEE SHEET OF

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

CONTRACT NO. 3
STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
INTERSTATE PROJECT in the towns of
BOLTON - RICHMOND
PLAN
STA. 1460+00 TO 1474+00
WEST & MARTIN, INC.
CONSULTING ENGINEERS
50 BRATTLE STREET
BOSTON, MASS. 02116
SCALE: 1" = 40'
DATE: 10-61
25

const + RAC
23



WOOD GUIDE POSTS
ITEM 548-A
2140-2145 LT
2145-2150 RT
2150-2155 LT

CONSTRUCT DRIVE	
STATION	POS.
SA 6 RELOCATION	
21+08	LT
21+34	LT
21+59	RT

REMOVAL & DISPOSAL OF PRESENT GUARD RAIL ITEM 550		
STATION	STATION	POS.
SA 6 RELOCATION		
21+08	21+65	LT
21+34	21+59	RT

EXCAVATION & REMOVAL OF EXISTING PAVEMENT ITEM 101	
STATION	STATION
SA 6 RELOCATION	
20+50	25+18

CONSTRUCT APPROACH	
STATION	POS.
SA 6 RELOCATION	
22+30	LT

PARCEL: 33 CHARLES E. & LENORE E. PARENT
GRANTOR: NONE
TAKING: NONE
REMAINDER: NONE
RIGHTS: NONE
SLOPE: STA 21+45-22+15 LT (700 SQ FT)
STA 22+45-24+00 LT (1000 SQ FT)
TITLE TAKEN RECORDED WIDE 8/20/62 RICHMOND BK2 HWY PG 181 9/8/62

PARCEL: 32 GLADYS M. HILL
GRANTOR: NONE
TAKING: NONE
REMAINDER: NONE
RIGHTS: SLOPE - STA 21+00-21+45 (600 SQ FT)
DRAINAGE - STA 21+16 LT
TITLE TAKEN RECORDED WIDE 8/20/62 RICHMOND BK2 HWY PG 181 9/8/62
CONSTRUCT BEGIN S.A. 6 SATISFACTORY RELOCATION APPROACH

PARCEL: 34 ALLEN B. & RUTH L. BURNETT
GRANTOR: NONE
TAKING: NONE
REMAINDER: NONE
RIGHTS: SLOPE - STA 22+15-22+45 LT (300 SQ FT)
DRAINAGE - STA 24+50 LT
TITLE TAKEN RECORDED WIDE 8/20/62 RICHMOND BK2 HWY PG 181 9/8/62

END RELINQUISHMENT NO. III
BEGIN MAINT. AREA NO. 2
S.A. #6 25+00 E (400')
AGREE. 10-1-79 RICHMOND BK. H-2
PG. 239-246

PARCEL: 31 A
STATIONS: 1476+95-1495+302 BL
TAKING: 11.3A± LA

PARCEL: 31 A, B, C, D, E
GRANTOR: EZRA TYLER STEVENS
STATIONS: 1476+95-1507+45± BL
TAKING: 26.0A±
REMAINDER: NONE
RIGHTS: SLOPE - STA 21+00-21+47± RT SA 6 (3005 SQ FT)
STA 29+43-33+00± LT SA 6 (0.1A±)
STA 37+10-38+00± LT SA 6 (400 SQ FT)
STA 37+70-38+40± LT SA 6 (1500 SQ FT)
DRAINAGE - STA 21+40± RT, 32+50± LT, 35+68± LT, 37+20± LT SA 6, 478+00, 484+00, 495+50, 1500+00, 1505+00± LT BL
TITLE TAKEN RECORDED COND. 7/3/62 RICHMOND BK2 HWY PG60-177 7/5/62

* THE FOLLOWING PEOPLE WERE CONTACTED REGARDING APPROX. PIPE LOCATIONS & SIZES.
ORRA MARSHALL - WATER COMMISSIONER VILLAGE OF RICHMOND
ALBERT EDWARDS - FORMER OWNER OF SYSTEM
WALTER ADAMS - CONTRACTOR

DRILLING & BLASTING OF SOLID ROCK SUB GRADE ITEM 114 (MOD)	
STATION	STATION
MAINLINE	
1475+00	1477+00

PROPERTY LINE FENCE WITH STEEL POSTS ITEM 525 (BINGO)		
STATION	STATION	POS.
LT LANE		
1474+00	1488+55	LT
RT LANE		
1474+00	1489+46	RT

THREE CABLE GUARD RAIL WITH STEEL POSTS ITEM 543		
STATION	STATION	POS.
LT LANE		
1474+00	1488+55	LT
RT LANE		
1480+74	1488+26	RT
1488+66	1489+46	RT
IN MEDIAN AT BRIDGE APPROACH		
1488+00	1489+85	

FILLS TO BE MADE OF GRANULAR MATERIALS	
STATION	STATION
LT LANE	
1487+46	1490+00
RT LANE	
1488+00	1490+00

DEMOLITION & REMOVAL OF BUILDING ITEM 186			
NO.	LOCATION	STATION	POS.
I	SA 6	23+90	LT
II	SA 6	14+50	LT

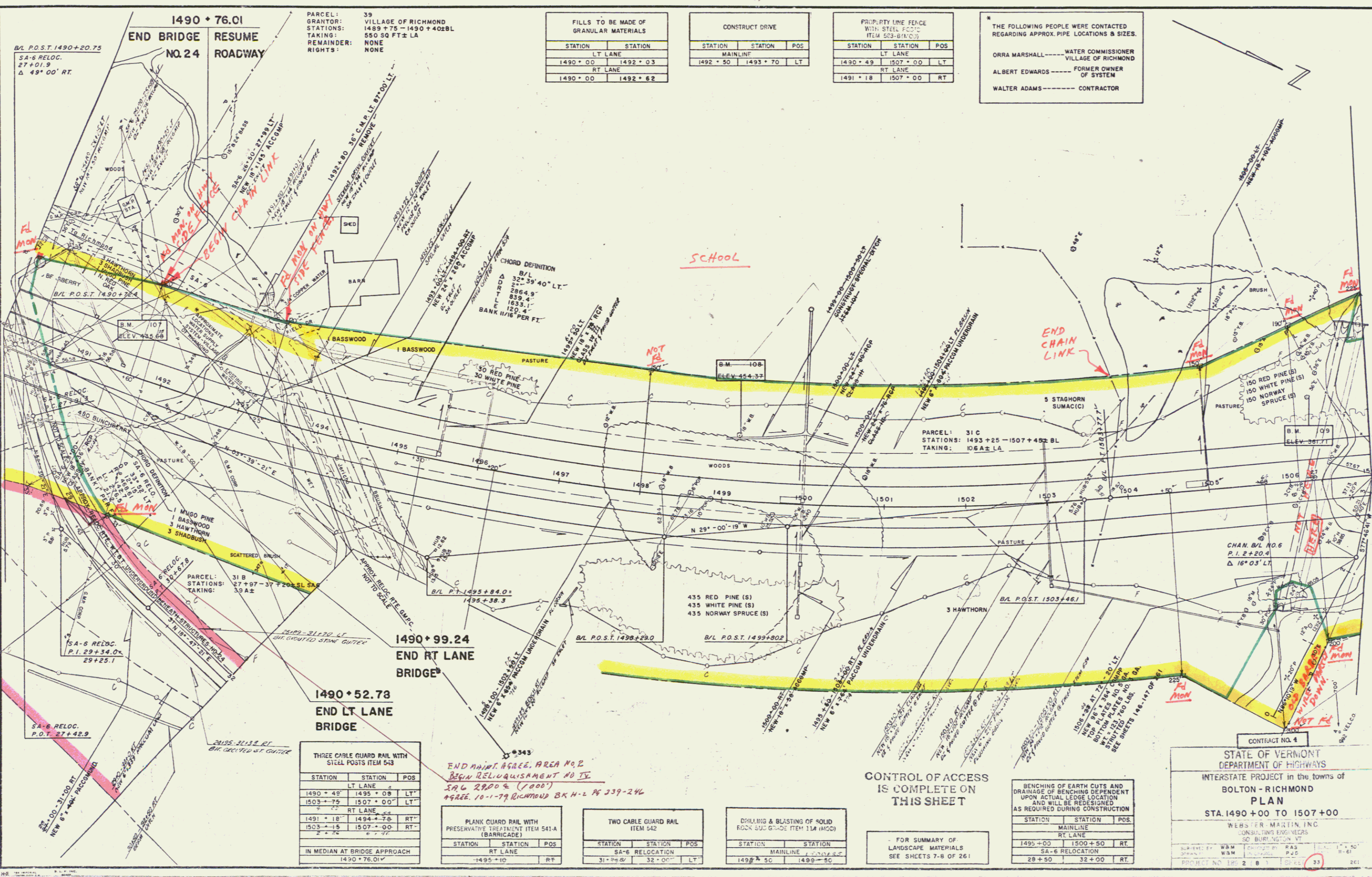
FOR SUMMARY OF LANDSCAPE MATERIALS SEE SHEETS 7-8 OF 261

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

STOP ROADWAY NO. 24
1489 + 18.95

CONTRACT NO. 4
STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
INTERSTATE PROJECT in the town of
BOLTON - RICHMOND
PLAN
STA 1474+00 TO 1490+00

24



1490 + 76.01
END BRIDGE RESUME ROADWAY NO. 24

B/L P.O.S.T. 1490+20.75
 SA-6 RELOC.
 27+01.9
 Δ 49° 00' RT

PARCEL: 39
 GRANTOR: VILLAGE OF RICHMOND
 STATIONS: 1489+75 - 1490+402BL
 TAKING: 550 SQ FT ± LA
 REMAINDER: NONE
 RIGHTS: NONE

FILLS TO BE MADE OF GRANULAR MATERIALS		
STATION	STATION	POS
1490+00	1492+03	RT LANE
1490+00	1492+62	RT LANE

CONSTRUCT DRIVE		
STATION	STATION	POS
1492+50	1493+70	LT

PROPERTY LINE FENCE WITH STEEL PICKET ITEM 503-B(1)(C)		
STATION	STATION	POS
1490+49	1507+00	LT
1491+18	1507+00	RT

* THE FOLLOWING PEOPLE WERE CONTACTED REGARDING APPROX. PIPE LOCATIONS & SIZES.

ORRA MARSHALL ----- WATER COMMISSIONER
 VILLAGE OF RICHMOND
 ALBERT EDWARDS ----- FORMER OWNER OF SYSTEM
 WALTER ADAMS ----- CONTRACTOR

1490 + 99.24
END RT LANE BRIDGE

1490 + 52.78
END LT LANE BRIDGE

THREE CABLE GUARD RAIL WITH STEEL POSTS ITEM 543		
STATION	STATION	POS
1490+49	1495+08	LT
1503+75	1507+00	LT
1491+18	1494+78	RT
1503+15	1507+00	RT

IN MEDIUM AT BRIDGE APPROACH
 1490+76.01

END ADJUT. AGREE. AREA NO. 2
 BEGIN RELINQUISHMENT NO. IV
 SA-6 2900 ± (1000)
 492EE. 10-1-79. RICHMOND BK H-2 P# 339-244

PLANK GUARD RAIL WITH PRESERVATIVE TREATMENT ITEM 541-A (BARRICADE)		
STATION	STATION	POS
1495+10		RT

TWO CABLE GUARD RAIL ITEM 542		
STATION	STATION	POS
31+28	32+00	LT

DRILLING & BLASTING OF SOLID ROCK SUB-CUTS ITEM 11A (MOD)		
STATION	STATION	POS
1498+50	1499+50	

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

FOR SUMMARY OF LANDSCAPE MATERIALS SEE SHEETS 7-B OF 261

BENCHING OF EARTH CUTS AND DRAINAGE OF BENCHING DEPENDENT UPON ACTUAL LEDE LOCATION AND WILL BE REDESIGNED AS REQUIRED DURING CONSTRUCTION		
STATION	STATION	POS
1495+00	1500+50	RT
28+50	32+00	RT

CONTRACT NO. 4
 STATE OF VERMONT
 DEPARTMENT OF HIGHWAYS
 INTERSTATE PROJECT in the towns of
BOLTON - RICHMOND
PLAN
 STA. 1490+00 TO 1507+00
 WEBSTER MARTIN INC
 CONSULTING ENGINEERS
 50 BURLINGTON VT
 PROJECT NO. 10-2-83
 SHEET 33

const & R.O.W
 25

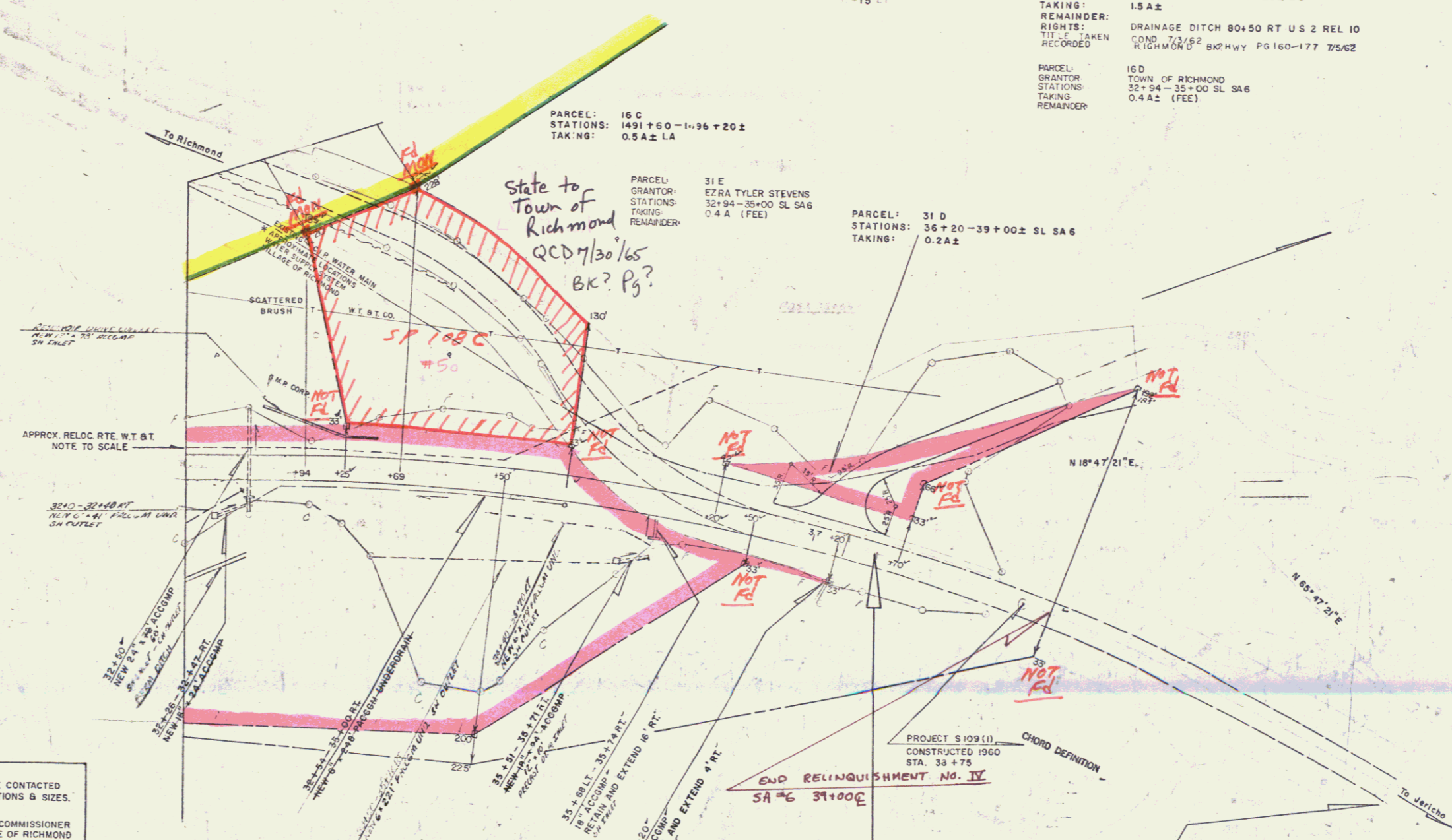
TWO CABLE GUARD RAIL ITEM 542		
STATION	STATION	POS.
S.A.-6 RELOC.		
32+00	32+24	LT
34+26	34+50	RT
36+52	36+76	LT
39+00	39+24	RT

EXCAVATION & REMOVAL OF ROAD SURFACE ON ROADWAYS ITEM 115-A		
STATION	STATION	POS.
S.A.-6 RELOC.		
32+90	35+75	LT

CONSTRUCT DRIVE	
LT	RT
33+00	

BENCHING OF EARTH CUTS AND DRAINAGE OF BENCHING DEPENDENT UPON ACTUAL LEDE LOCATION AND WILL BE REDESIGNED AS REQUIRED DURING CONSTRUCTION		
STATION	STATION	POS.
S.A.-6 RELOC.		
32+00	32+50	RT
33+50	35+75	RT

WOOD GUARD RESTS
32+00 - 33+50 RT
33+50 - 35+75 LT
35+75 - 36+76 RT



* THE FOLLOWING PEOPLE WERE CONTACTED REGARDING APPROX. PIPE LOCATIONS & SIZES.

ORRA MARSHALL-----WATER COMMISSIONER
VILLAGE OF RICHMOND

ALBERT EDWARDS-----FORMER OWNER
OF SYSTEM

WALTER ADAMS-----CONTRACTOR

END CONSTRUCT
S.A.-6 RELOC. SATISFACTORY
APPROACH
37 + 50

CONTRACT NO. 4

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

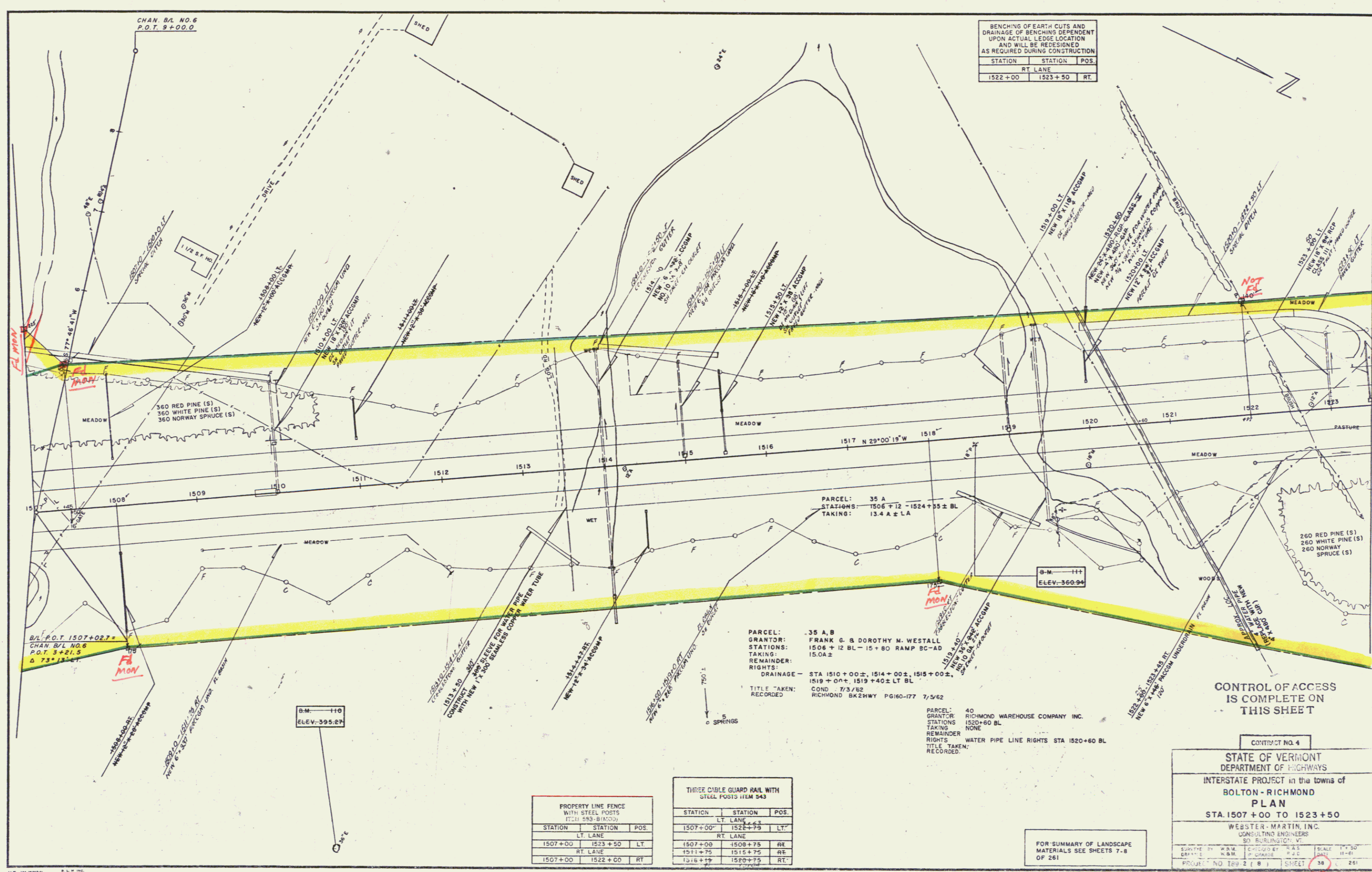
INTERSTATE PROJECT in the towns of
BOLTON-RICHMOND

PLAN
S.A.-6 RELOC. STA. 32+00 TO 42+00

WEBSTER-MARTIN, INC.
CONSULTING ENGINEERS
50, BURLINGTON, VT.

SURVEYED BY W.B.M.	CHECKED BY R.A.S.	SCALE 1" = 50'
DRAWN BY W.B.M.	IN CHARGE P.C.	DATE 11-78
PROJECT NO. 159-2 (B)	SHEET (39) OF 101	

CONTROL ACCESS
IS COMPLETE IN
THIS SITE



BENCHING OF EARTH CUTS AND DRAINAGE OF BENCHING DEPENDENT UPON ACTUAL LEDGE LOCATION AND WILL BE REDESIGNED AS REQUIRED DURING CONSTRUCTION

STATION	STATION	POS.
1522+00	1523+50	RT.

CHAN. BL. NO. 6
P.O.T. 9+00.0

B/L P.O.T. 1507+02.7
CHAN. BL. NO. 6
P.O.T. 3+21.5
Δ 73° 15' 12"

B.M. 110
ELEV. 395.27

B.M. 114
ELEV. 360.94

PARCEL: 35 A, B
GRANTOR: FRANK G. & DOROTHY M. WESTALL
STATIONS: 1506+12 BL - 1524+35 ± BL
TAKING: 13.4 A ± LA
RIGHTS: DRAINAGE - STA 1510+00 ±, 1514+00 ±, 1515+00 ±, 1519+00 ±, 1519+40 ± LT BL
TITLE TAKEN: COND. 7/3/82 RICHMOND BK22WY PG160-177 7/5/62

PARCEL: 40
GRANTOR: RICHMOND WAREHOUSE COMPANY INC.
STATIONS: 1520+60 BL
TAKING: NONE
REMAINDER RIGHTS: WATER PIPE LINE RIGHTS STA 1520+60 BL
TITLE TAKEN: RECORDED.

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

PROPERTY LINE FENCE WITH STEEL POSTS (12x 55S-BIACD)

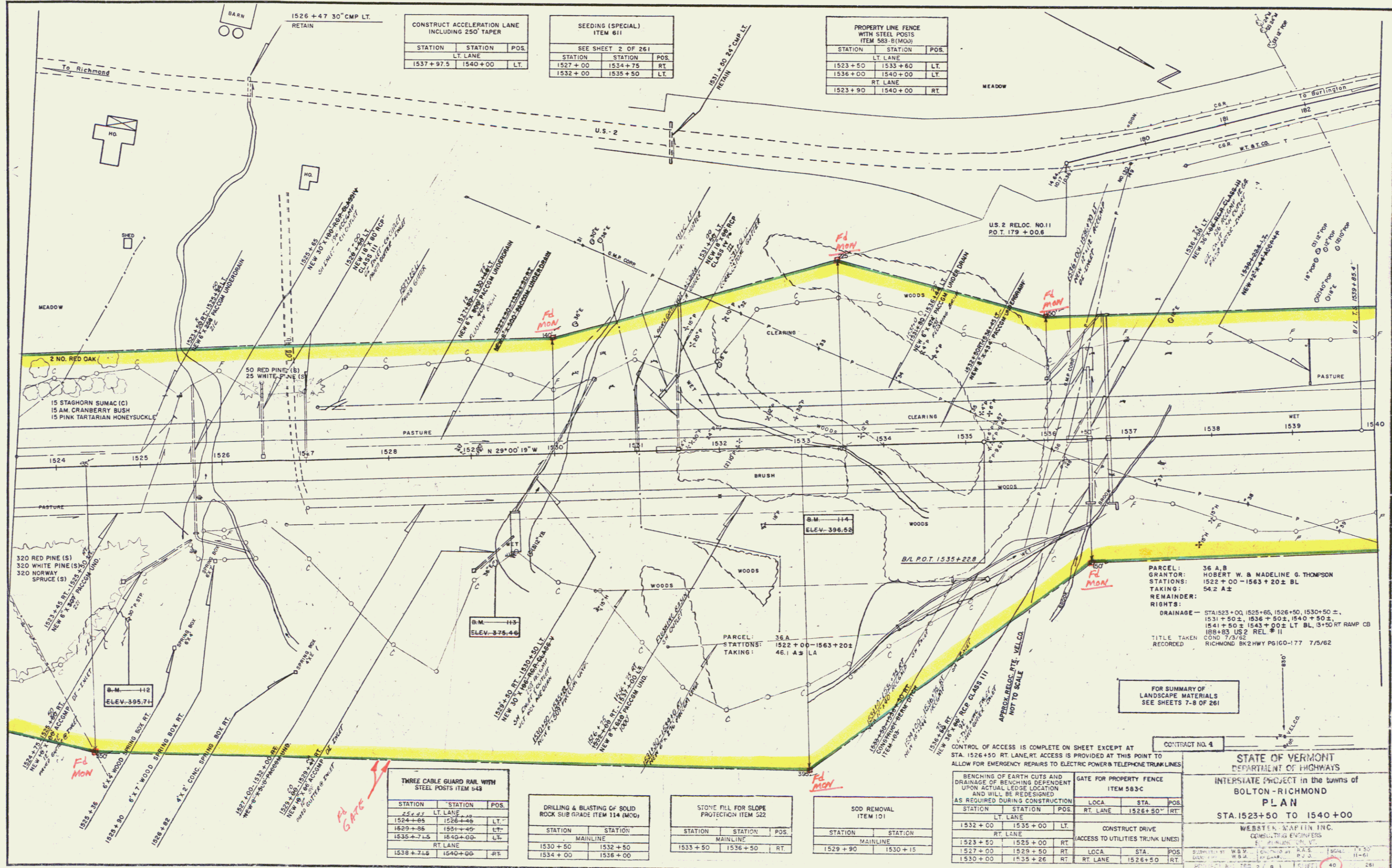
STATION	STATION	POS.
LT. LANE		
1507+00	1523+50	LT
RT. LANE		
1507+00	1522+00	RT

THREE CABLE GUARD RAIL WITH STEEL POSTS ITEM 543

STATION	STATION	POS.
LT. LANE		
1507+00	1522+50	LT
RT. LANE		
1507+00	1508+75	RE
1511+75	1515+75	RE
1515+75	1520+75	RT

FOR SUMMARY OF LANDSCAPE MATERIALS SEE SHEETS 7-8 OF 261

CONTRACT NO. 4
STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
INTERSTATE PROJECT in the towns of
BOLTON - RICHMOND
PLAN
STA. 1507+00 TO 1523+50
WEBSTER-MARTIN, INC.
CONSULTING ENGINEERS
50 BURLINGTON, VT.
SCALE 1"=50'
DATE 11-61
PROJECT NO. 129 2 (B) SHEET 38 OF 261



CONSTRUCT ACCELERATION LANE INCLUDING 250' TAPER

STATION	STATION	POS.
1537+97.5	1540+00	LT.

SEEDING (SPECIAL) ITEM 611

SEE SHEET 2 OF 261

STATION	STATION	POS.
1527+00	1534+75	RT.
1532+00	1535+50	LT.

PROPERTY LINE FENCE WITH STEEL POSTS ITEM 583-B(MOU)

STATION	STATION	POS.
1523+50	1533+60	LT.
1536+00	1540+00	LT.
		RT. LANE
1523+90	1540+00	RT.

THREE CABLE GUARD RAIL WITH STEEL POSTS ITEM 543

STATION	STATION	POS.
1524+05	1526+45	LT.
1529+05	1531+40	LT.
1535+7.5	1540+00	LT.
		RT. LANE
1538+71.6	1540+00	RT.

DRILLING & BLASTING OF SOLID ROCK SUB GRADE ITEM 114 (MCO)

STATION	STATION
1530+50	1532+50
1534+00	1536+00

STONE FILL FOR SLOPE PROTECTION ITEM 522

STATION	STATION	POS.
1533+50	1536+50	RT.

SOD REMOVAL ITEM 101

STATION	STATION
1529+90	1530+15

BENCHING OF EARTH CUTS AND DRAINAGE OF BENCHING DEPENDENT UPON ACTUAL EDGE LOCATION AND WILL BE REDESIGNED AS REQUIRED DURING CONSTRUCTION

STATION	STATION	POS.
1532+00	1535+00	LT.
1523+50	1525+00	RT.
1527+00	1529+50	RT.
1530+00	1535+26	RT.

GATE FOR PROPERTY FENCE ITEM 583-C

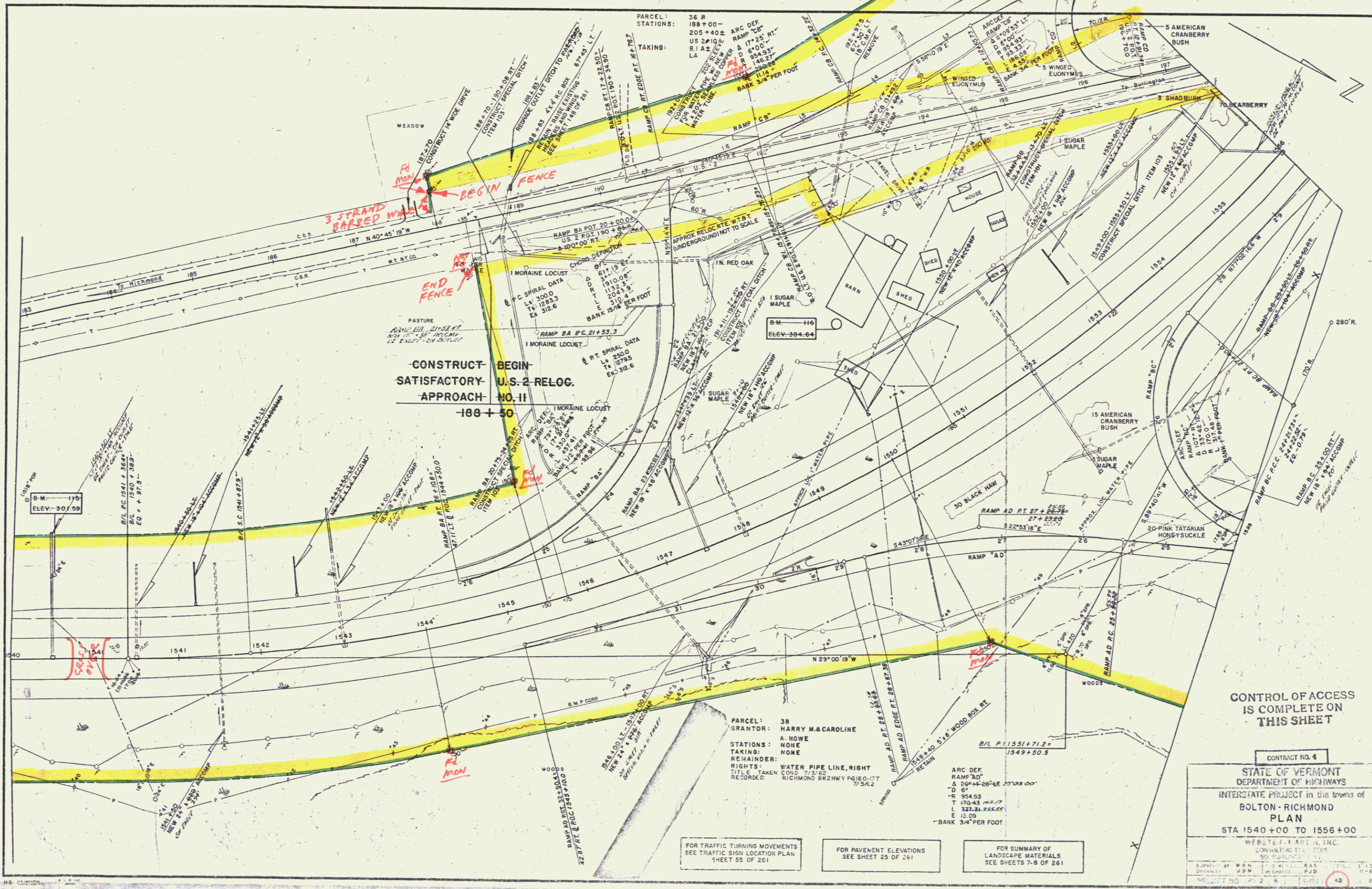
STATION	STATION	POS.
1526+50	1526+50	RT.

CONSTRUCT DRIVE (ACCESS TO UTILITIES TRUNK LINES)

STATION	STATION	POS.
1526+50	1526+50	RT.

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
INTERSTATE PROJECT in the towns of
BOLTON - RICHMOND
PLAN
STA. 1523+50 TO 1540+00

WEBSTER MAPLIN INC.
CONSULTING ENGINEERS



CONSTRUCT BEGIN
SATISFACTORY U.S. 2 RELOC.
APPROACH NO. II
-188+50

PARCEL: 38
GRANTOR: HARRY M. & CAROLINE A. HOWE
STATIONS: A
TAKING: NONE
REMAINDER:
RIGHTS: WATER PIPE LINE, RIGHT
TITLE TAKEN COND. 7/3/65
RECORDED: RICHMOND BR2 HWY P4160-17
17,542.4

ARC DEF
RAMP "AD"
D 67
R 954.93
T 170.43
L 187.81
E 15.09
BANK 3/4" PER FOOT

FOR TRAFFIC TURNING MOVEMENTS
SEE TRAFFIC SIGN LOCATION PLAN
SHEET 55 OF 261

FOR PAVEMENT ELEVATIONS
SEE SHEET 25 OF 261

FOR SUMMARY OF
LANDSCAPE MATERIALS
SEE SHEETS 7-8 OF 261

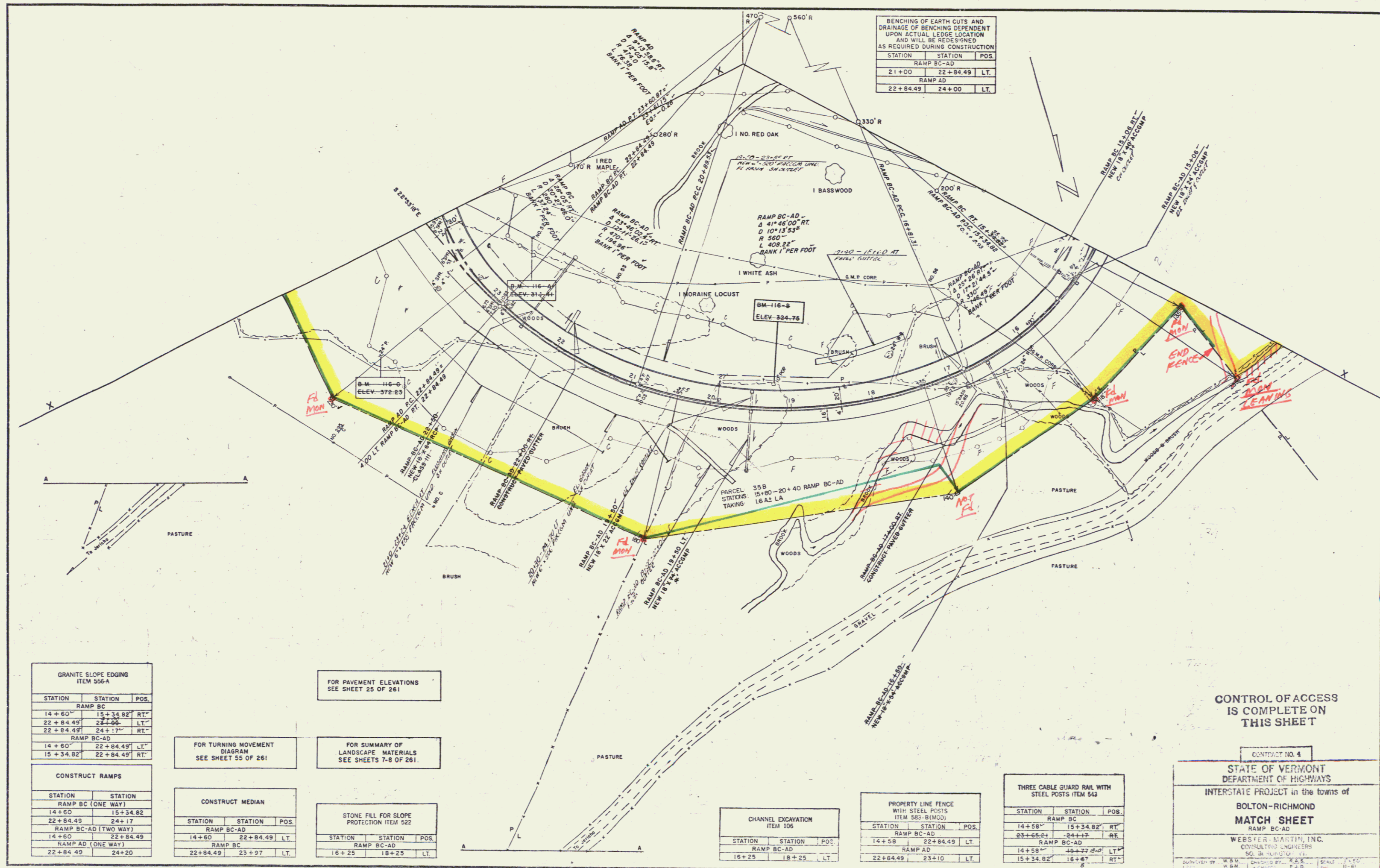
CONTROL OF ACCESS
IS COMPLETE ON
THIS SHEET

CONTRACT NO. 4

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
INTERSTATE PROJECT in the town of
BOLTON - RICHMOND
PLAN
STA 1540+00 TO 1555+00

WERSTEY PARTNERS, INC.
CONTRACTING ENGINEERS
50 BALDWIN ST.
BOLTON, VERMONT 05742

SUPPLY BY W.S.M. DRAWN BY R.A.S. DATE 11-80
CHECKED BY W.S.M. IN CHARGE P.J.D. 11-81
SCALE: 1" = 40' SHEET NO. 42 OF 42



BENCHING OF EARTH CUTS AND DRAINAGE OF BENCHING DEPENDENT UPON ACTUAL LEDGE LOCATION AND WILL BE REDESIGNED AS REQUIRED DURING CONSTRUCTION

STATION	STATION	POS.
RAMP BC-AD		
21+00	22+84.49	LT.
RAMP AD		
22+84.49	24+00	LT.

GRANITE SLOPE EDGING
ITEM 556-A

STATION	STATION	POS.
RAMP BC		
14+60	15+34.82	RT.
22+84.49	24+00	LT.
22+84.49	24+17	RT.
RAMP BC-AD		
14+60	22+84.49	LT.
15+34.82	22+84.49	RT.

FOR PAVEMENT ELEVATIONS
SEE SHEET 25 OF 261

FOR TURNING MOVEMENT
DIAGRAM
SEE SHEET 55 OF 261

FOR SUMMARY OF
LANDSCAPE MATERIALS
SEE SHEETS 7-8 OF 261

CONSTRUCT RAMPS

STATION	STATION
RAMP BC (ONE WAY)	
14+60	15+34.82
22+84.49	24+17
RAMP BC-AD (TWO WAY)	
14+60	22+84.49
RAMP AD (ONE WAY)	
22+84.49	24+20

CONSTRUCT MEDIAN

STATION	STATION	POS.
RAMP BC-AD		
14+60	22+84.49	LT.
RAMP BC		
22+84.49	23+97	LT.

STONE FILL FOR SLOPE
PROTECTION ITEM 522

STATION	STATION	POS.
RAMP BC-AD		
16+25	18+25	LT.

CHANNEL EXCAVATION
ITEM 105

STATION	STATION	POS.
RAMP BC-AD		
16+25	18+25	LT.

PROPERTY LINE FENCE
WITH STEEL POSTS
ITEM 583-B(MOD)

STATION	STATION	POS.
RAMP BC-AD		
14+58	22+84.49	LT.
RAMP AD		
22+84.49	23+10	LT.

THREE CABLE GUARD RAIL WITH
STEEL POSTS ITEM 543

STATION	STATION	POS.
RAMP BC		
14+58	15+34.82	RT.
RAMP BC-AD		
22+84.49	24+17	RT.
RAMP AD		
14+58	22+84.49	LT.
15+34.82	18+67	RT.

CONTROL OF ACCESS
IS COMPLETE ON
THIS SHEET

CONTRACT NO. 4

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

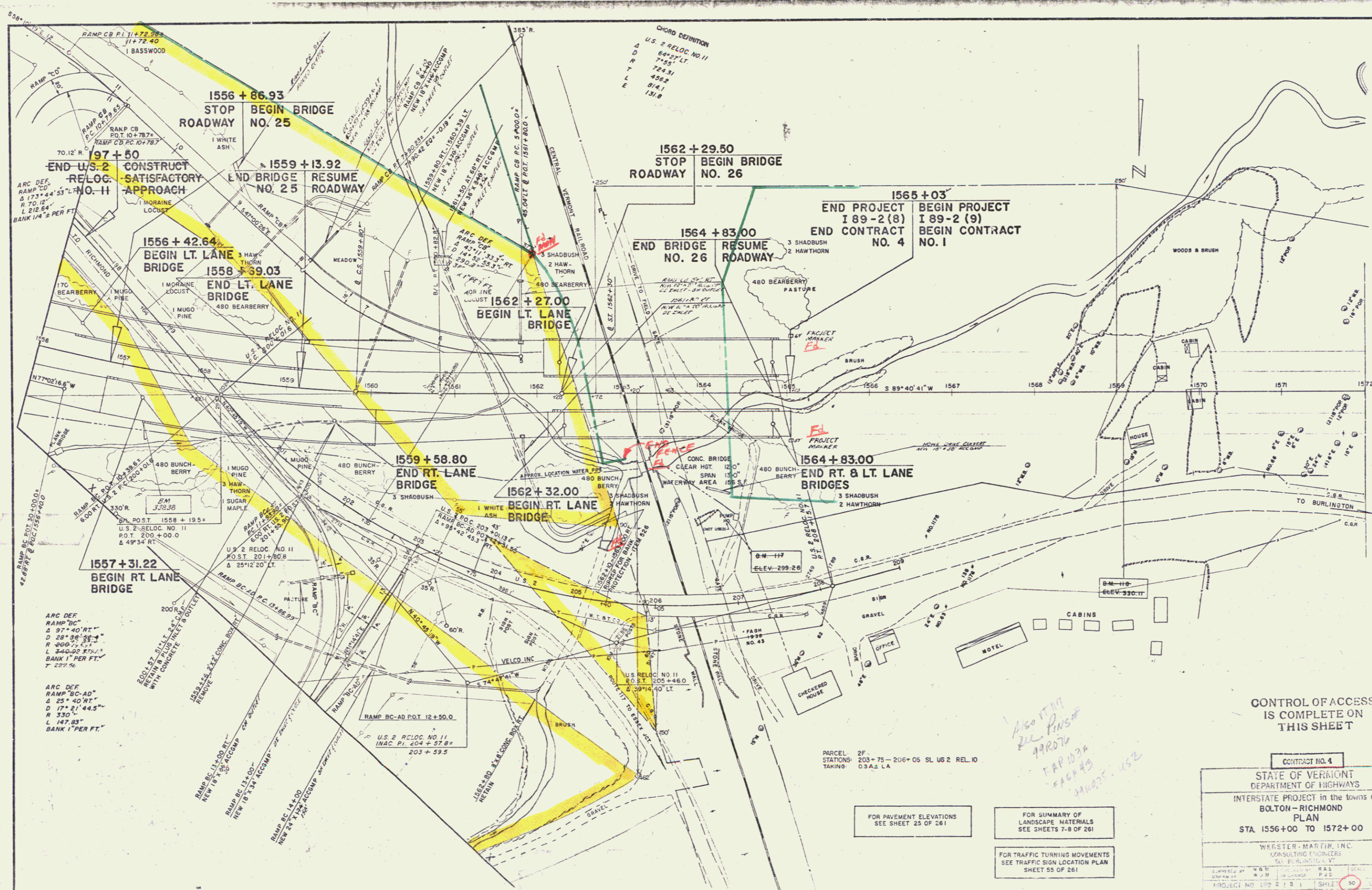
INTERSTATE PROJECT in the towns of
BOLTON-RICHMOND

MATCH SHEET
RAMP BC-AD

WEBSTER-MARTIN, INC.
CONSULTING ENGINEERS

500 N. WASHINGTON ST.
MONTPELIER, VT. 05602

DESIGNED BY: W.B.M. CHECKED BY: R.A.S. SCALE: 1"=40'
DRAWN BY: J.C. CONSTRUCTION P.D. DATE: 11-61



CHORD DEFINITION
 U.S. 2 RELOC. NO. 11
 64°25' LT
 74.5'
 74.5'
 456.8'
 814.1'
 131.8'

197 + 50
 END U.S. 2 RELOC. NO. H
 CONSTRUCT SATISFACTORY APPROACH

1556 + 86.93
 STOP BEGIN BRIDGE ROADWAY NO. 25

1559 + 13.92
 END BRIDGE RESUME ROADWAY NO. 25

1562 + 29.50
 STOP BEGIN BRIDGE ROADWAY NO. 26

1564 + 83.00
 END BRIDGE RESUME ROADWAY NO. 26

1565 + 03'
 END PROJECT I 89-2 (8) END CONTRACT NO. 4
 BEGIN PROJECT I 89-2 (9) BEGIN CONTRACT NO. 1

1556 + 42.64
 BEGIN LT. LANE BRIDGE

1558 + 39.03
 END LT. LANE BRIDGE

1559 + 58.80
 END RT. LANE BRIDGE

1562 + 32.00
 BEGIN RT. LANE BRIDGE

1564 + 83.00
 END RT. & LT. LANE BRIDGES

1557 + 31.22
 BEGIN RT. LANE BRIDGE

ARC DEF RAMP "BC"
 Δ 97° 40' RT
 D 28' 36" 55'
 R 200' 7" C.S.
 L 340' 02" 87' 1/2
 BANK 1' PER FT.
 T 22' 1/2 56

ARC DEF RAMP "BC-AD"
 Δ 25° 40' RT
 D 17' 21" 44.5"
 R 330'
 L 147' 83"
 BANK 1' PER FT.

RAMP BC 11-11-00 RT
 NEW 18' X 30' ACCOMP
 RAMP BC 11-11-00
 NEW 18' X 30' ACCOMP

RAMP BC-AD P.O.T. 12+50.0
 U.S. 2 RELOC. NO. 11
 INAC PL. 204 + 37.8 +
 203 + 59.5

PARCEL 2F
 STATIONS 203+75 - 206+05 SL US 2 REL. 10
 TAKING 0.3 A.S. LA

FOR PAVEMENT ELEVATIONS
 SEE SHEET 25 OF 261

FOR SUMMARY OF
 LANDSCAPE MATERIALS
 SEE SHEETS 7-8 OF 261

Handwritten notes:
 1560 FT
 212 PINS
 199076
 TAP 107A
 545+43
 1/10/07 - 1/12

CONTROL OF ACCESS
 IS COMPLETE ON
 THIS SHEET

CONTRACT NO. 4
 STATE OF VERMONT
 DEPARTMENT OF HIGHWAYS
 INTERSTATE PROJECT in the towns of
 BOLTON - RICHMOND
 PLAN
 STA 1556+00 TO 1572+00

WEBSTER-MARTIN, INC.
 CONSULTING ENGINEERS
 501 BURLINGTON VT

DESIGNED BY	W.M.	CHECKED BY	R.A.S.	SCALE	1" = 50'
DRAWN BY	R.J.M.	IN CHARGE	P.J.C.	DATE	11-03-00
PROJECT NO.	100 2 1 3 1	SHEET	90	OF	261