

INDEX OF SHEETS

- 1 TITLE SHEET
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- 9-40 PLAN & PROFILE SHEETS

M

STATE OF VERMONT DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

INTERSTATE PROJECT

TOWNS OF BROOKFIELD, WILLIAMSTOWN, AND BERLIN

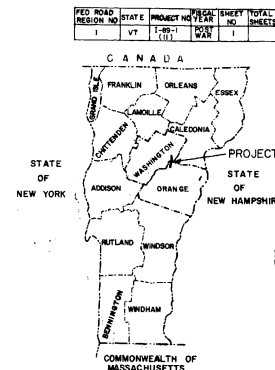
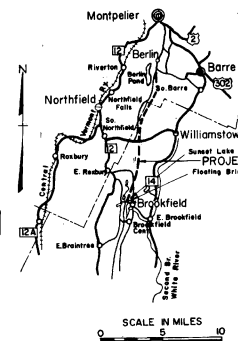
COUNTIES OF ORANGE AND WASHINGTON

INTERSTATE ROUTE 89

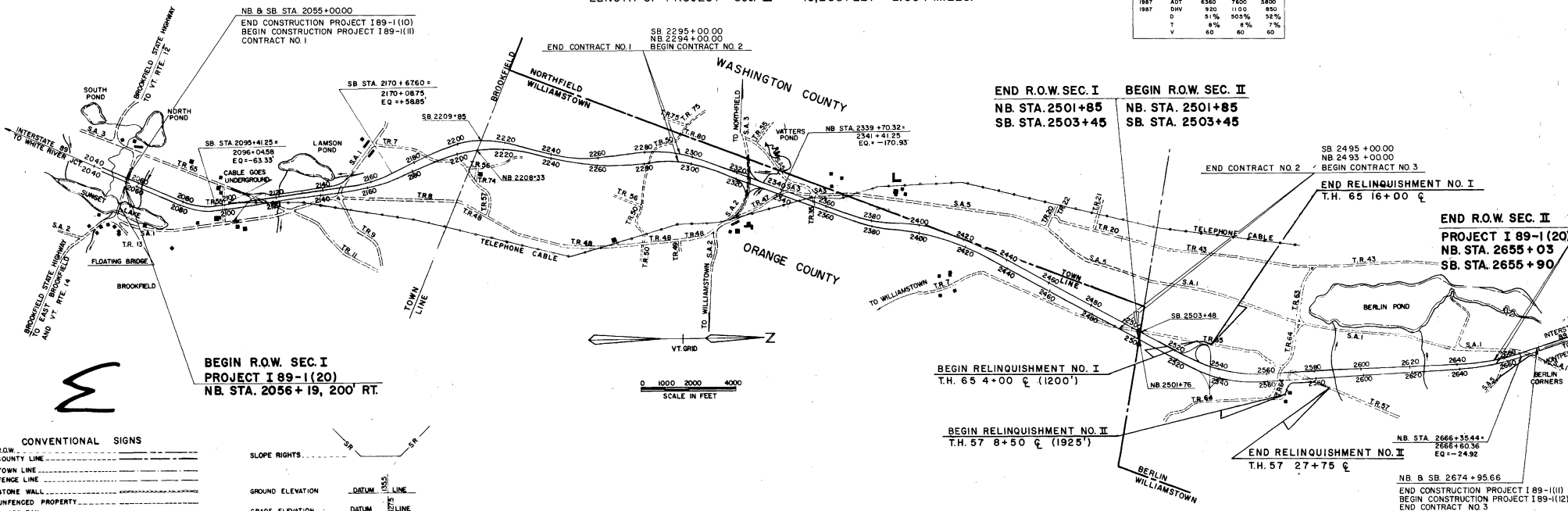
WHITE RIVER JCT. - MONTPELIER

SECTION II ROW PLANS

LENGTH OF PROJECT Sec. II - 15,283 FEET = 2.894 MILES.



TRAFFIC DATA					
1962 ADT	2420	2890	2180		
1967 ADT	4360	7600	3400		
1967 DHV	920	1100	850		
D	51%	505%	52%		
T	8%	6%	7%		
V	60	60	60		



CONVENTIONAL SIGNS	
R.O.W.	COUNTY LINE
TOWN LINE	
FENCE LINE	
STONE WALL	
UNFENCED PROPERTY	
GUARD RAIL	
TRAVELED WAY	
RAILROAD	
RETAINING WALL	
CENTER LINE	
SURVEY LINE	
CULVERT	
DROP INLET	
TROLLEY POLE	
POWER POLE	
TELEPHONE POLE	
TREES	
HEDGE	
LIMITED ACCESS	

SLOPE RIGHTS	
GROUND ELEVATION	DATUM
GRADE ELEVATION	DATUM
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	P.I.
POINT OF CURVE	P.C.
POINT OF TANGENT	P.T.
POINT ON TANGENT	P.O.T.
POINT ON SUB-TANGENT	P.O.S.T.
POINT ON CURVE	P.O.C.

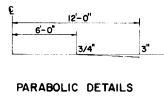
APPROVED <i>[Signature]</i> DATE 10/3/67	APPROVED <i>[Signature]</i> DATE 10/3/67	APPROVED <i>[Signature]</i> DATE 10/3/67	APPROVED <i>[Signature]</i> DATE 10/3/67	APPROVED <i>[Signature]</i> DATE 10/3/67	APPROVED <i>[Signature]</i> DATE 10/3/67	APPROVED <i>[Signature]</i> DATE 10/3/67	APPROVED <i>[Signature]</i> DATE 10/3/67
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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 THESE PLANS AND THE STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION DATED APRIL, 1964, AS APPROVED BY THE BUREAU OF PUBLIC ROADS ON OCTOBER 12, 1964, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS	
ALL SHEETS AB	
APPROVED	
DIVISION	ENGINEER
PROJECT	NO. 89-1 (20)
SHEET	1 OF 40 SHEETS

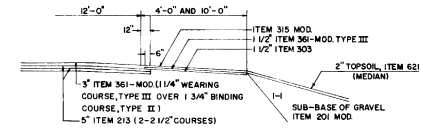
INTERSTATE TYPICAL SECTIONS



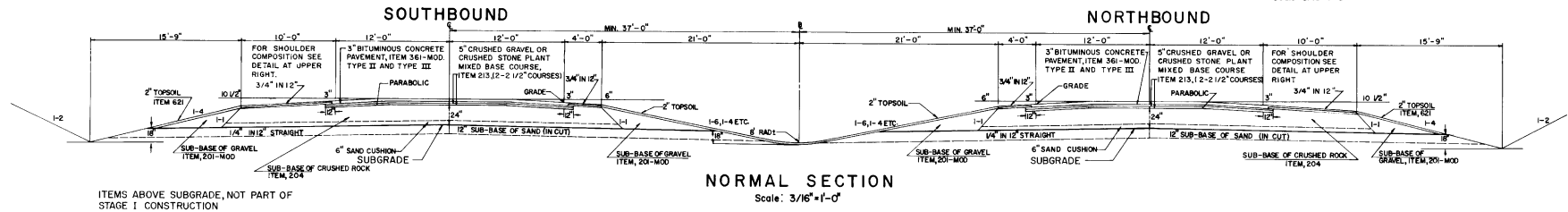
PARABOLIC DETAILS

THESE ITEMS ARE NOT A PART OF STAGE 1 CONSTRUCTION

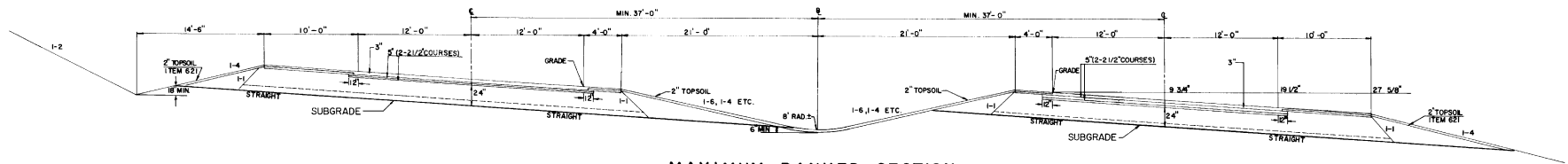
4 LANE CONSTRUCTION STANDARD MEDIAN
 3" BITUMINOUS CONCRETE PAVEMENT, ITEM 361-MOD (1/4" FOR TOTAL THICKNESS) 1/4" WEARING COURSE, TYPE III OVER 1 3/4" BINDING COURSE, TYPE II
 1 1/2" BITUMINOUS CONCRETE PAVEMENT, ITEM 361-MOD (WEARING COURSE, TYPE III WITH ITEM 315 MOD) ON SHOULDERS
 5" CRUSHED GRAVEL OR CRUSHED STONE PLANT MIXED BASE COURSE, ITEM 213 (2 1/2" FOR TOTAL THICKNESS) 2-2 1/2" COURSES
 24" SUB-BASE OF CRUSHED ROCK, ITEM 204 (1")
 SUB-BASE OF GRAVEL, ITEM 201-MOD
 1 1/2" CRUSHED STONE SHOULDERS, ITEM 303
 TACK COAT - TYPE III, ITEM 315 MOD (SEE SPECIAL PROVISIONS)
 12" GRANULAR BORROW, ITEM 105 IN FILL (H") TO BE PLACED AS NOTED ON PLANS OR AS DIRECTED BY THE ENGINEER
 12" SUB-BASE OF SAND, ITEM 202 IN CUT (H") TO BE PLACED AS NOTED ON PLANS OR AS DIRECTED BY THE ENGINEER
 PERMISSIBLE TOLERANCES IN PARENTHESES APPLY TO THICKNESS ONLY



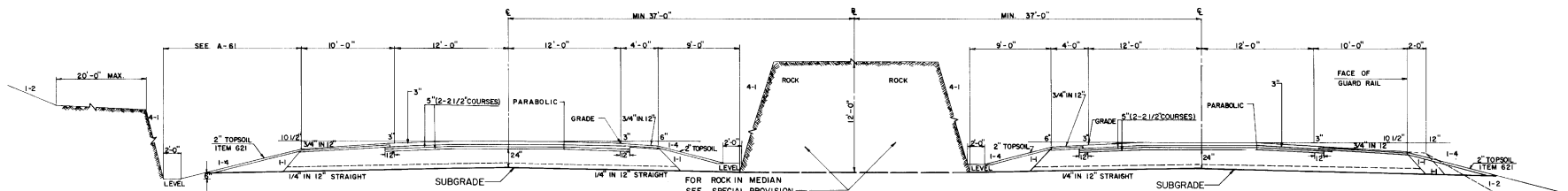
DETAILS OF SHOULDER COMPOSITION
 Scale: 3/16" = 1'-0"



NORMAL SECTION
 Scale: 3/16" = 1'-0"



MAXIMUM BANKED SECTION
 13/16" PER E.T.
 Scale: 3/16" = 1'-0"



SLOPES IN SOLID ROCK EXCAVATION
 SEE SHEET A-61 FOR DRILLING AND BLASTING OF SOLID ROCK
 SUBGRADE AND SLOPE IN SOLID ROCK EXCAVATION

Scale: 3/16" = 1'-0"

NORMAL SECTION WITH GUARD RAIL POSITION

SEEDING, ITEM 611	NAME	PURITY %	GERM %
33.33	CREeping RED PESCUE	97	82
10.00	TALL PESCUE	95	80
16.67	KENTUCKY BLUE GRASS	95	72
8.33	RED TOP	92	90
16.67	DOMESTIC RYE GRASS	98	80
8.33	BIRDFOOT TREFOIL (EMPERE)	99	80
0.42	WEED SEED		
0.25	INERT MATERIAL		
100.00	60 LBS PER ACRE		

50 LBS OF WINTER RYE PER ACRE TO BE USED IN ADDITION TO THE ABOVE SEEDING FORMULA IF DIRECTED BY THE ENGINEER.

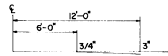
GENERAL NOTES:
 FOR ROUNDING OF SLOPES SEE STANDARD SHEET B-3
 STEEL MARKER POSTS, ITEM 547-0 TO BE PLACED AS DIRECTED BY THE ENGINEER
 THE COMMERCIAL FERTILIZER, ITEM 615, SHALL BE MIXED AS FOLLOWS:
 NITROGEN 10%
 PHOSPHORUS 20%
 POTASH 10%
 THE COMMERCIAL FERTILIZER SHALL BE DELIVERED IN BAGS OF NOT TO EXCEED 100 LBS EACH AND IS TO BE APPLIED AT THE RATE OF 500 LBS PER ACRE
 GROUND LIMESTONE, ITEM 616 IS TO BE APPLIED AT THE RATE OF 2 TONS PER ACRE OR AS DIRECTED BY THE ENGINEER
 TOPSOIL, ITEM 621 AS INDICATED IN THE PLANS OR ORDERED BY THE ENGINEER

BROOKFIELD - WILLIAMSTOWN
 BERLIN
 PROJECT I No. 89-120)

DESIGNED BY - T.L.B.H.R.
 DRAWN BY - P.A.C.
 TRACED BY - P.A.C.
 DATE: JUNE 1965 SHEET 2 OF 40

INTERSTATE TYPICAL SECTIONS

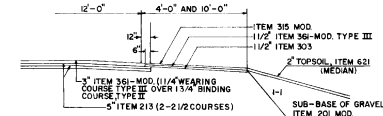
4 LANE CONSTRUCTION VARIABLE MEDIAN



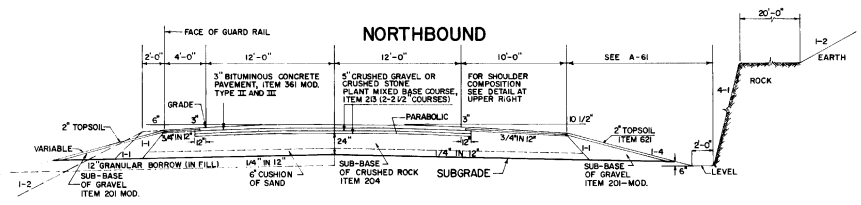
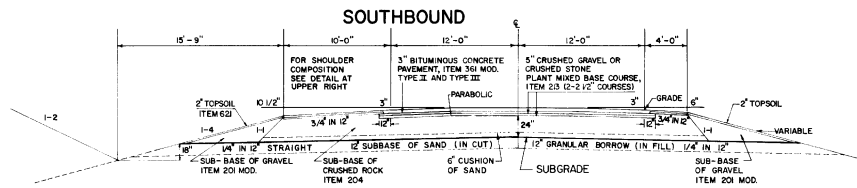
PARABOLIC DETAILS

THESE ITEMS ARE NOT A PART OF STAGE I CONSTRUCTION

- 3" BITUMINOUS CONCRETE PAVEMENT, ITEM 361-MOD (1/4" FOR TOTAL THICKNESS) 1/4" WEARING COURSE, TYPE III OVER 3/4" BINDING COURSE, TYPE II
- 1 1/2" BITUMINOUS CONCRETE PAVEMENT, ITEM 361-MOD (WEARING COURSE, TYPE III WITH ITEM 315 MOD) ON SHOULDER
- 5" CRUSHED GRAVEL OR CRUSHED STONE PLANT MIXED BASE COURSE, ITEM 213 (1 1/2" FOR TOTAL THICKNESS) 2-2 1/2" COURSES
- 24" SUB-BASE OF CRUSHED ROCK, ITEM 204 (5")
- SUB-BASE OF GRAVEL, ITEM 201-MOD
- 1 1/2" CRUSHED STONE SHOULDERS, ITEM 303 TACK COAT, TYPE III ITEM 315 MOD (SEE SPECIAL PROVISIONS)
- 12" GRANULAR BORROW, ITEM 105 IN FILL (2") TO BE PLACED AS NOTED ON PLANS OR AS DIRECTED BY THE ENGINEER
- 12" SUBBASE OF SAND ITEM 202 IN CUT (2") TO BE PLACED AS NOTED ON PLANS OR AS DIRECTED BY THE ENGINEER
- PERMISSIBLE TOLERANCES IN PARENTHESIS APPLY TO THICKNESS ONLY.



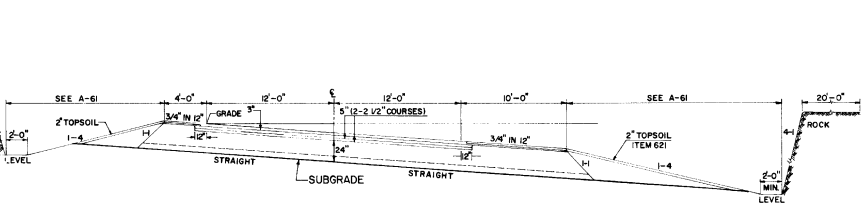
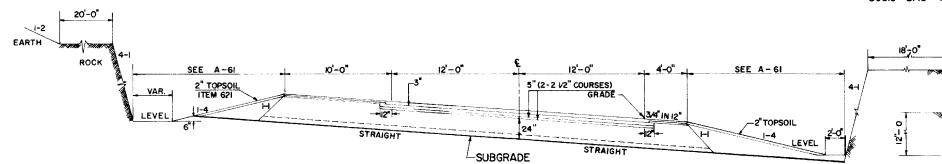
DETAILS OF SHOULDER COMPOSITION
Scale: 3/16"=1'-0"



NORMAL SECTION WITH VARIABLE MEDIAN

Scale: 3/16"=1'-0"

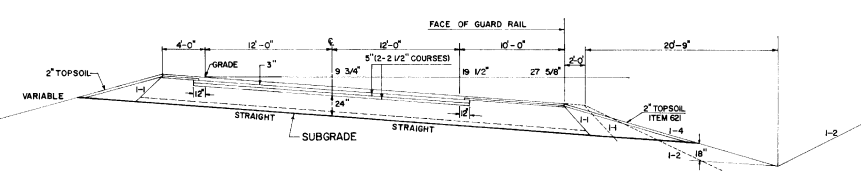
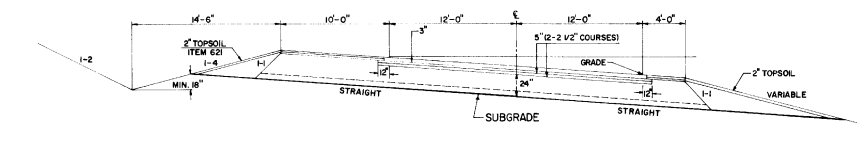
ITEMS ABOVE SUBGRADE NOT PART OF STAGE I CONSTRUCTION



BANKED SECTION (IN SOLID ROCK) WITH VARIABLE MEDIAN

Scale: 3/16"=1'-0"

SEE SHEET A-61 FOR DRILLING AND BLASTING OF SOLID ROCK SUBGRADE AND SLOPES IN SOLID ROCK EXCAVATION



MAXIMUM BANKED SECTION

13/16" PER FT
Scale: 3/16"=1'-0"

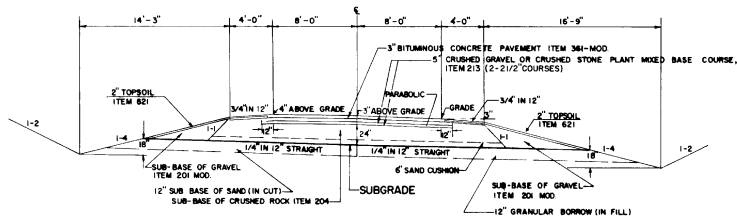
GENERAL NOTES: SEE SHEET 2 OF 40.

BROOKFIELD - WILLIAMSTOWN
BERLIN
PROJECT I No. 89-1(20)
DESIGNED BY - H.E.R.
DRAWN BY - P.A.C.
TRACED BY - P.A.C.
DATE: JUNE 1965 SHEET 3 OF 40

INTERSTATE ONE WAY RAMP TYPICAL SECTIONS

THESE ITEMS ARE NOT A PART OF STAGE I CONSTRUCTION

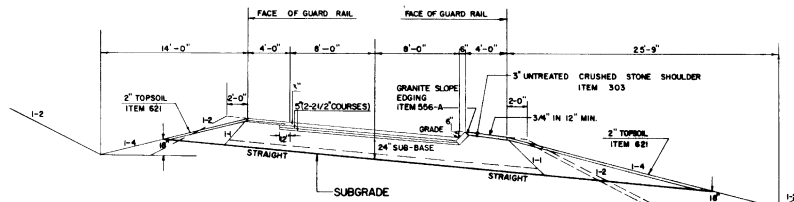
3" BITUMINOUS CONCRETE PAVEMENT, ITEM 361 MOD (2 1/4" FOR TOTAL THICKNESS) 1 1/4" WEARING COURSE, TYPE II, OVER 3/4" BINDING COURSE, TYPE II
1 1/2" BITUMINOUS CONCRETE PAVEMENT, ITEM 361 MOD (2 1/4" FOR TOTAL THICKNESS) 1 1/4" WEARING COURSE, TYPE II, OVER 3/4" BINDING COURSE, TYPE II
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24" SUB-BASE OF CRUSHED ROCK, ITEM 204 (1")
SUB-BASE OF GRAVEL, ITEM 201 MOD
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12" SUB-BASE OF SAND, ITEM 202 (IN CUT) TO BE PLACED AS NOTED ON PLANS OR AS DIRECTED BY THE ENGINEER
PERMISSIBLE TOLERANCES IN PARENTHESIS APPLY TO THICKNESS ONLY



ITEMS ABOVE SUBGRADE, NOT PART OF STAGE I CONSTRUCTION

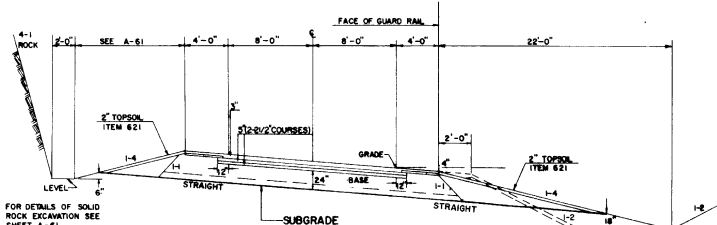
NORMAL SECTION

Scale: 3/16"=1'-0"



BANKED SECTION WITH GRANITE SLOPE EDGING

MAXIMUM



MAXIMUM BANKED SECTION

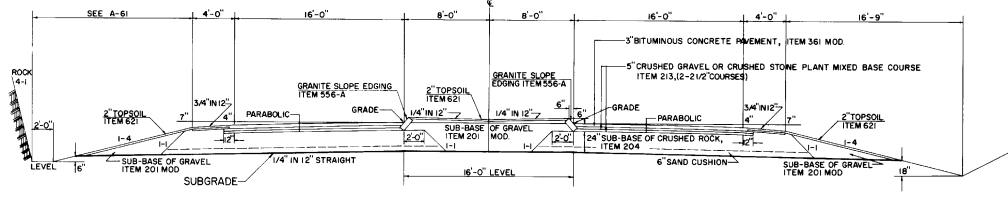
1" PER FOOT
Scale: 3/16"=1'-0"

PRIMARY TYPICAL SECTIONS

3" BITUMINOUS CONCRETE PAVEMENT, ITEM 361 MOD (2 1/4" FOR TOTAL THICKNESS) 1 1/4" WEARING COURSE, TYPE II, OVER 3/4" BINDING COURSE, TYPE II
1 1/2" BITUMINOUS CONCRETE PAVEMENT, ITEM 361 MOD (2 1/4" FOR TOTAL THICKNESS) 1 1/4" WEARING COURSE, TYPE II, OVER 3/4" BINDING COURSE, TYPE II
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12" SUB-BASE OF SAND, ITEM 202 (IN CUT) TO BE PLACED AS NOTED ON PLANS OR AS DIRECTED BY THE ENGINEER
PERMISSIBLE TOLERANCE IN PARENTHESIS APPLY TO THICKNESS ONLY

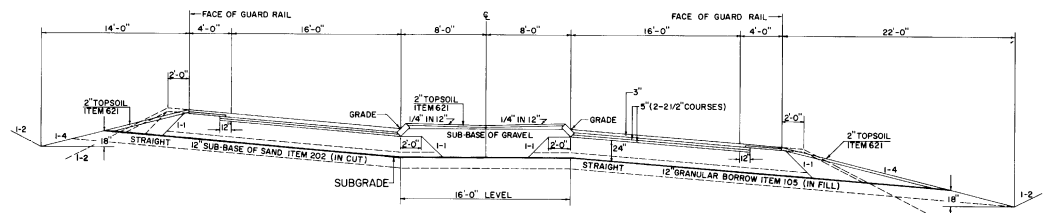
FOR DETAILS OF SHOULDER COMPOSITION SEE SHEET 2 OF 40

SOUTH BARRE ACCESS ROAD



NORMAL SECTION

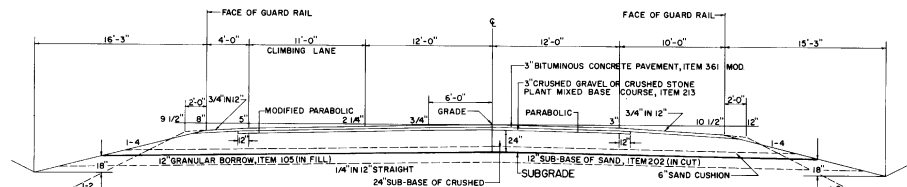
Scale: 3/16"=1'-0"



MAXIMUM BANKED SECTION

1" PER FOOT

Scale: 3/16"=1'-0"



NORMAL SECTION WITH CLIMBING LANE

Scale: 3/16"=1'-0"

NOTE: SOUTH BARRE ACCESS ROAD IS TO BE BUILT IN ITS ENTIRETY DURING STAGE I CONSTRUCTION

BROOKFIELD - WILLIAMSTOWN
BERLIN

PROJECT 1 No. 89-1(20)

DESIGNED BY-TL

DRAWN BY-PAC

TRACED BY-PAC

DATE: JUNE 1965

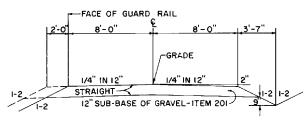
SHEET 4 OF 40

GENERAL NOTES: SEE SHEET 2 OF 40

SECONDARY TYPICAL SECTIONS

T-65 (BERLIN)

12" SUB-BASE OF GRAVEL ITEM 201

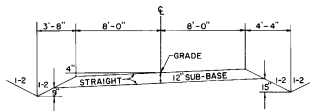


NOTE: T-65 (BERLIN) IS TO BE BUILT
IN ITS ENTIRETY DURING
STAGE 1 CONSTRUCTION.

FILL CUT

NORMAL SECTION

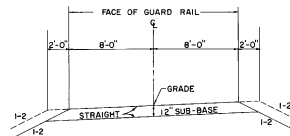
Scale 3/16"=1'-0"



MAXIMUM BANKED SECTION IN CUT

BANK 1/2" IN 12"

Scale 3/16"=1'-0"



MAXIMUM BANKED SECTION IN FILL

BANK 1/2" IN 12"

Scale 3/16"=1'-0"

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
ALPHABETICAL INDEX

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AND RICHARD E.		
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GROLEAU, PATRICK & GEORGIANNA	16-18	10
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J		

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M		
MACDONALD, DONALD G. & BARBARA M.	28, 29	20
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GRANTOR	SHEET NO.	PARCEL NO.
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PAQUET, ROSARIO R.	48, 49	33
PHOLON, KENNETH W. & MARY E.	12	2
POOR, FRANCIS E.	43-45	28
Q		
R		
REA, HERBERT E. & ROSAMOND L.	13, 14, 15	5
ROBERTS, SARAH WILCOX	15-17	6
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ROUX, FERN S. & FRANCIS W.	45, 46	29
S		
SANDERS, CHARLES A.	36, 37, 39	24
SANDERS, LYNN A. & BETTY R.	36, 39	48
SCRIBNER ESTATE, E. BARTE	45, 46	30
CORINNE C. SCRIBNER, EXECUTRIX		
SPENCER, ERNEST L. & ELSIE W.	25-27	14
SPOONER, N. ARTHUR & NELLIE M.	12	1
STETSON, WENDELL J.	43-45	28
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GRANTOR	SHEET NO.	PARCEL NO.
U		
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WINTERS, DAVID E. & GLORIA R.	33, 34	18
WITHINGTON, CATHERINE WILCOX	15-17	6
	21, 22	
X		
Y		
Z		

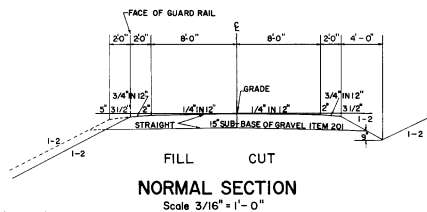
MADE BY: R.L.S. DATE: 4-15-69
CHECKED BY: C.H.B. DATE: 4-15-69

PROJECT: BROOKFIELD-BERLIN
NO. I 89-1 (20)
SHEET 5A OF 90

SECONDARY TYPICAL SECTIONS

TH- 57 (BERLIN)

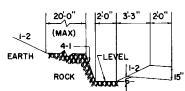
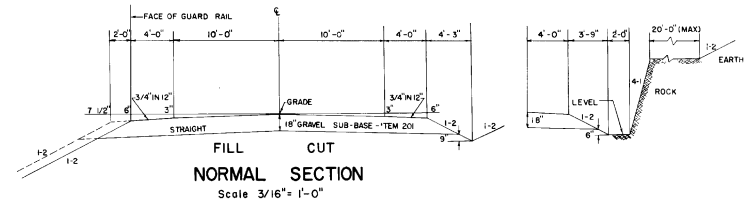
15" SUB - BASE OF GRAVEL ITEM 201



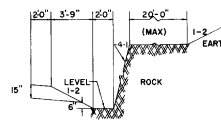
NOTE: TH-57 (BERLIN) AND SA-5 & SA-1 (BERLIN)
ARE TO BE BUILT IN THEIR ENTIRETY
DURING STAGE 1 CONSTRUCTION

SA-5 & SA-1 (BERLIN)

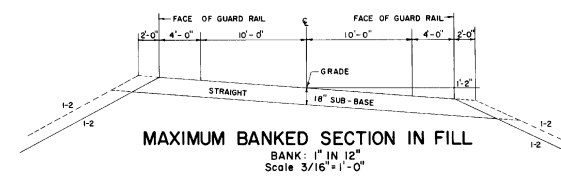
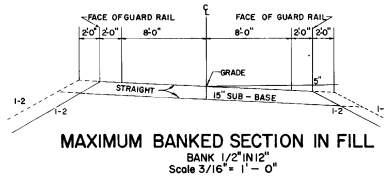
18" SUB - BASE OF GRAVEL ITEM 201



MAXIMUM BANKED SECTION IN CUT
BANK 1/2" IN 12"
Scale 3/16" = 1'-0"



MAXIMUM BANKED SECTION IN CUT
BANK 1" IN 12"
Scale 3/16" = 1'-0"



BROOKFIELD - WILLIAMSTOWN
BERLIN
PROJECT I No. 89-1(20)

DESIGNED BY - H.E.R.
DRAWN BY - P.A.C.
TRACED BY - P.A.C.
DATE: JUNE 1965 SHEET 6 OF 40

STATE OF VERMONT DEPARTMENT OF HIGHWAYS RIGHT-OF-WAY PLANS

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REL.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BL.	PD.	REMARKS
35B C D	LLOYD S. BANNA GREARSON	9-13	SB 2503+45	SB 2530+72	57.0A2	293A2	WASHINGTON COUNTY						
		II	REL T-65 44+00	REL T-65 7423	0.28A2								
		II	SB 2500+45 LT	REL T-65 16+00	0.30A2								
			SB 2510+50 LT				DRAINAGE (P)						
			SB 2518+50 LT				DRAINAGE (P)						
			SB 2518+50 LT				DRAINAGE (P)						
			SB 2523+00 LT				DRAINAGE (P)						
			RAMP "C" 304+25 LT				DRAINAGE (P)						
			SB 2520+23 LT				DRAINAGE (P)						
			NO 2501+85	NO 2523+74									LOSS OF ACCESS (18A2)
37	LESLIE G. GALLUP	10/12/3	NS 2523+74	RAMP "B" 6+04	10.1A1	481A1							
			RAMP "B" 6+00 RT				DRAINAGE (P)						
			RAMP "B" 54+00 RT				DRAINAGE (P)						
			RAMP "B" 34+30 RT				DRAINAGE (P)						
			RAMP "B" 34+00 RT				DRAINAGE (P)						
			RAMP "B" 1+50 RT				DRAINAGE (P)						
			S.B.A.R. 62+50 LT				DRAINAGE (P)						
38A B	JAMES E. & VESTA M. KEMPTON	II	REL T-65 4480	REL T-65 13450	1.2A2	24.7A2							
		II	REL T-65 7423	REL T-65 12470	0.45A2		DRAINAGE (P)						
			REL T-65 11400 LT				DRIVE						
			REL T-65 13450										
39	LLOYD & MARION SARTELLE	II	REL T-65 13450	REL T-65 16400	0.20A2	26.0A2							
			REL T-65 16400										
40	CLAYTON R. & BERTHA L. PHILLIPS	II-14	SB 2530+72	SB 2557+25	22.5A2	78.7A1							
			S.B.A.R. 62+50 LT				DRAINAGE (P)						
			S.B.A.R. 47+50 LT				DRAINAGE (P)						
			SB 2538+50 LT				DRAINAGE (P)						
			SB 2538+50 LT				DRAINAGE (P)						
			SB 2544+00 LT				DRAINAGE (P)						
			SB 2544+00 LT				DRAINAGE (P)						
			SB 2544+00 LT				DRAINAGE (P)						
			SB 2544+00 LT				DRAINAGE (P)						
			SB 2544+00 LT				DRAINAGE (P)						
			SB 2544+00 LT				DRAINAGE (P)						
			RAMP "B" 64+00 RT				DRAINAGE (P)						
			NO 2544+00 RT				DRAINAGE (P)						
			NO 2544+00 RT				DRAINAGE (P)						
			SB 2544+00 LT				DRAINAGE (P)						
			SB 2544+00 LT				DRAINAGE (P)						
			SB 2550+50 LT				DRAINAGE (P)						
41	DONAT & LILA T. ROYER	14/15	NO 2558+75	SB 2570+08	17.6A2	148.8A1							
			SB 2560+50 LT				DRAINAGE (P)						
			NO 2560+50 RT				DRAINAGE (P)						
24C	CHARLES A. SANDERS	Por P	SA-2 22465	SA-2 28+70	2.3A2	254A2							NON - PARTICIPATING (ACQUIRED FOR MAINTENANCE AREA)

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
1	14-15	Parcel #41 Wifes name changed from Alice to Lila on detail sheet Per Change Order #908	12-21-67	RFB	JW
2	14-15	Parcel #44 A.B. P.O. Douglas, Beginning & Ending Sta. of Drilling Right (P) Beginning Sta. 25483 LT to 26+57 LT Indicated on Detail Sheet, Per Change Order #909	2-15-68	JAB	JW
3	14-15	Parcel #45 Added E. NICHOLS SANQUINETTI & P.O. (Change Dr. Owner) Per Change Order #906	2-26-68	RFB	JW
4	9	Parcel #55 Created new parcel due to change of title line between sta. SB 2503+43 LT to 2504+37 LT. Per Change Order #1128	5-9-68	RFB	JW
5	7-11	Parcels #34 A.B. #39 Added Drive At Kempton - Sartelle "A" At Sta. REL T-65 13+36 Per Change Order #1137	5-17-68	WJM	JW
6	7-11	PARCEL #24C MADE A NON-PARTICIPATING PARCEL PER CHANGE ORDER #1519	3-13-70	WJM	T.C.
7	8,23	Parcel #47 P.O. Peake, Reuse Property Line Between Gagnon And Peake, Add Parcel #47A Per Change Order #2472	10-6-72	JAB	T.C.
8	8,23	Parcel #46 Gagnon, Reuse Property Line Between Gagnon And Peake To Correct Error In Original Plans Per Change Order #2473	10-6-72	JAB	T.C.

LEGEND

MADE BY L. B. B. DATE 10-2-67
CHECKED BY L. B. B. DATE 10-2-67

--- TAKING WITHOUT ACCESS
--- TAKING WITHOUT ACCESS ALONG PROPERTY LINES
--- TAKING WITH ACCESS
(T) TEMPORARY EASEMENT
(P) PERMANENT EASEMENT

--- SR --- SR --- SLOPE RIGHTS
--- PROPERTY LINE
--- TOP OF CUT
--- TOE OF SLOPE

APPROVED James C. Boudreau DATE 10-2-67
APPROVED L. B. B. DATE 10-2-67
APPROVED L. B. B. DATE 10-2-67
R.O.W. DIVISION

BROOKFIELD-WILLIAMSTOWN-BERLIN
SHEET 7 OF 40 SHEETS
155-1120 SEC. II

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS

APPROVED Thomas C. Rematch DATE 10-2-67
PROGRAM SUPERVISOR
APPROVED G. W. Lane DATE 10-3-67
HWY. ENGR.
APPROVED H. P. Anderson DATE 10-3-67
R.O.W. DIRECTOR

BROOKFIELD-WILLIAMSTOWN-BERLIN
SHEET 3 OF 40 SHEETS
189-1(20) SEC. II

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
DETAIL SHEET

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REM	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS
	RELINQUISHMENT NO. I		T.H. 65 4+00	T.H. 65 16+00				AGREE	9-10-79	BERLIN	46	217	TOWN HIGHWAY 65
	RELINQUISHMENT NO. II		T.H. 57 8+50	T.H. 57 27+75				AGREE	9-10-79	BERLIN	46	217	TOWN HIGHWAY 65

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY

MADE BY: BAM DATE 9-25-79
CHECKED BY: WEB DATE 9-25-79

DR RT. — DRAINAGE RIGHT
DIT. RT. — DITCHING RIGHT
CH RT. — CHANNEL RIGHT
DRIVE RT. — DRIVE RIGHT
CUL. RT. — CULVERT RIGHT
D — DEMOLITION OR
REMOVAL
W — WATER SOURCES

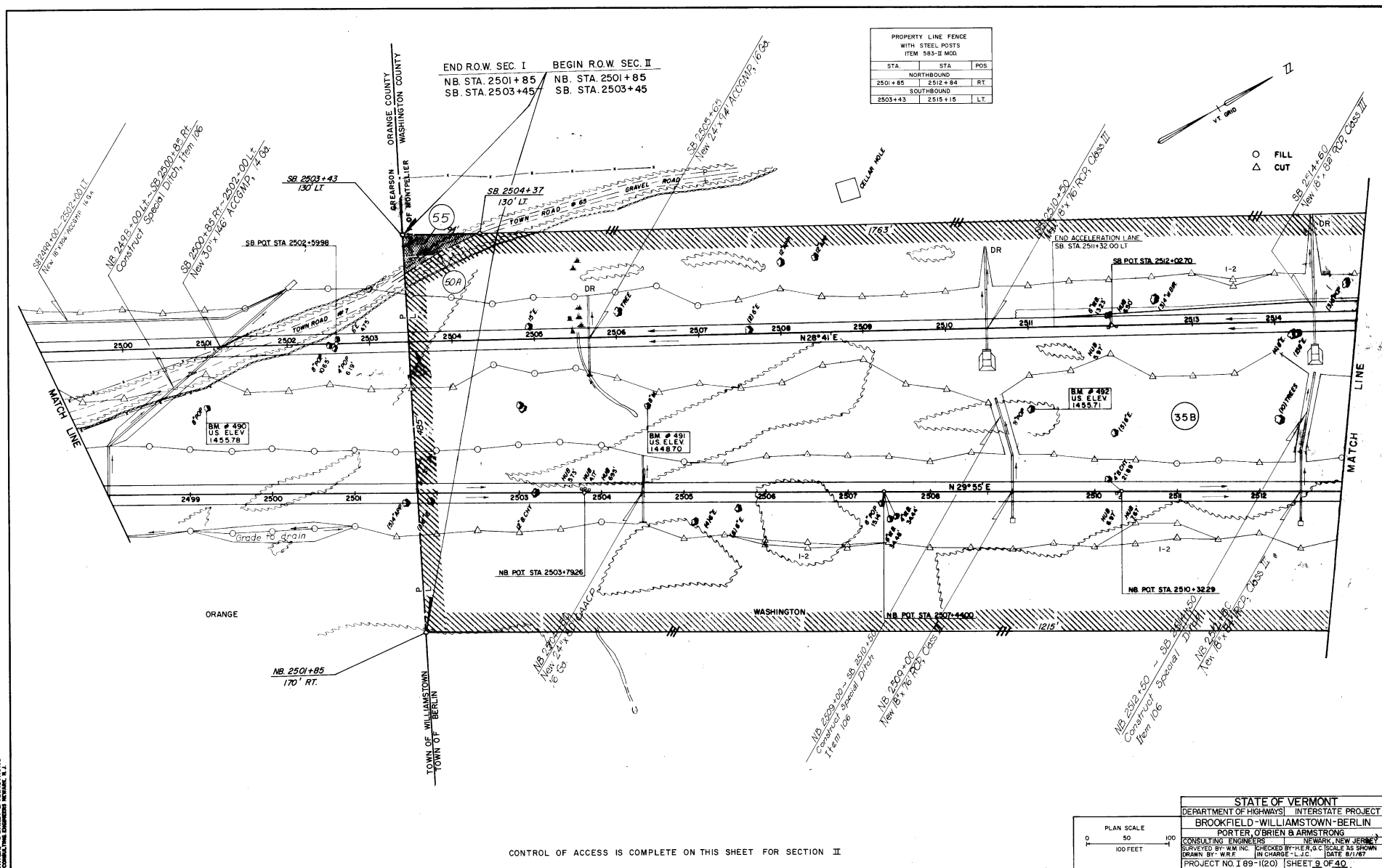
_____	PRESENT	R.O.W.
---/---	TAKING WITHOUT ACCESS	
---/--- P L	TAKING WITHOUT ACCESS ALONG PROPERTY LINES	
_____	TAKING WITH ACCESS	
(P)	PERMANENT EASEMENT	
(T)	TEMPORARY EASEMENT	

LEGEND

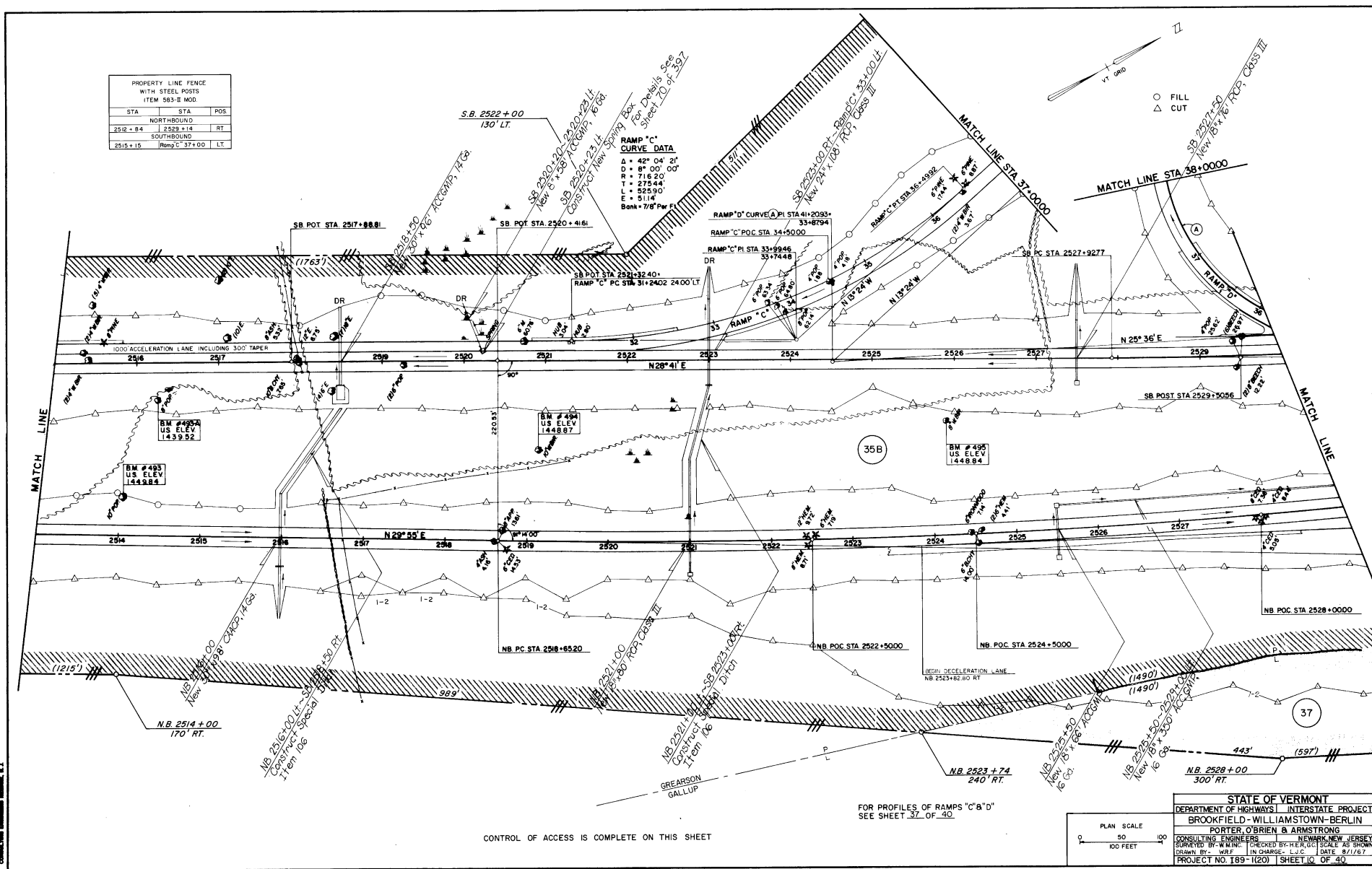
-----CONST EASE-----	CONST EASEMENT
-----SR-----SR-----	SLOPE RIGHTS
-----P-----P-----	PROPERTY LINE
-----Δ-----Δ-----Δ-----	TOP OF CUT
-----○-----○-----○-----	TOE OF SLOPE

APPROVED Thomas L. Mayo DATE 9/26/79
CHIEF OF PLANS & TITLES

PROJECT BROOKFIELD - BERLIN
NO. I 89-1 (20)
SHEET 8A OF 40



PORTER, O'BRIEN & ASSOCIATES
CONSULTING ENGINEERS, INC., N.Y.

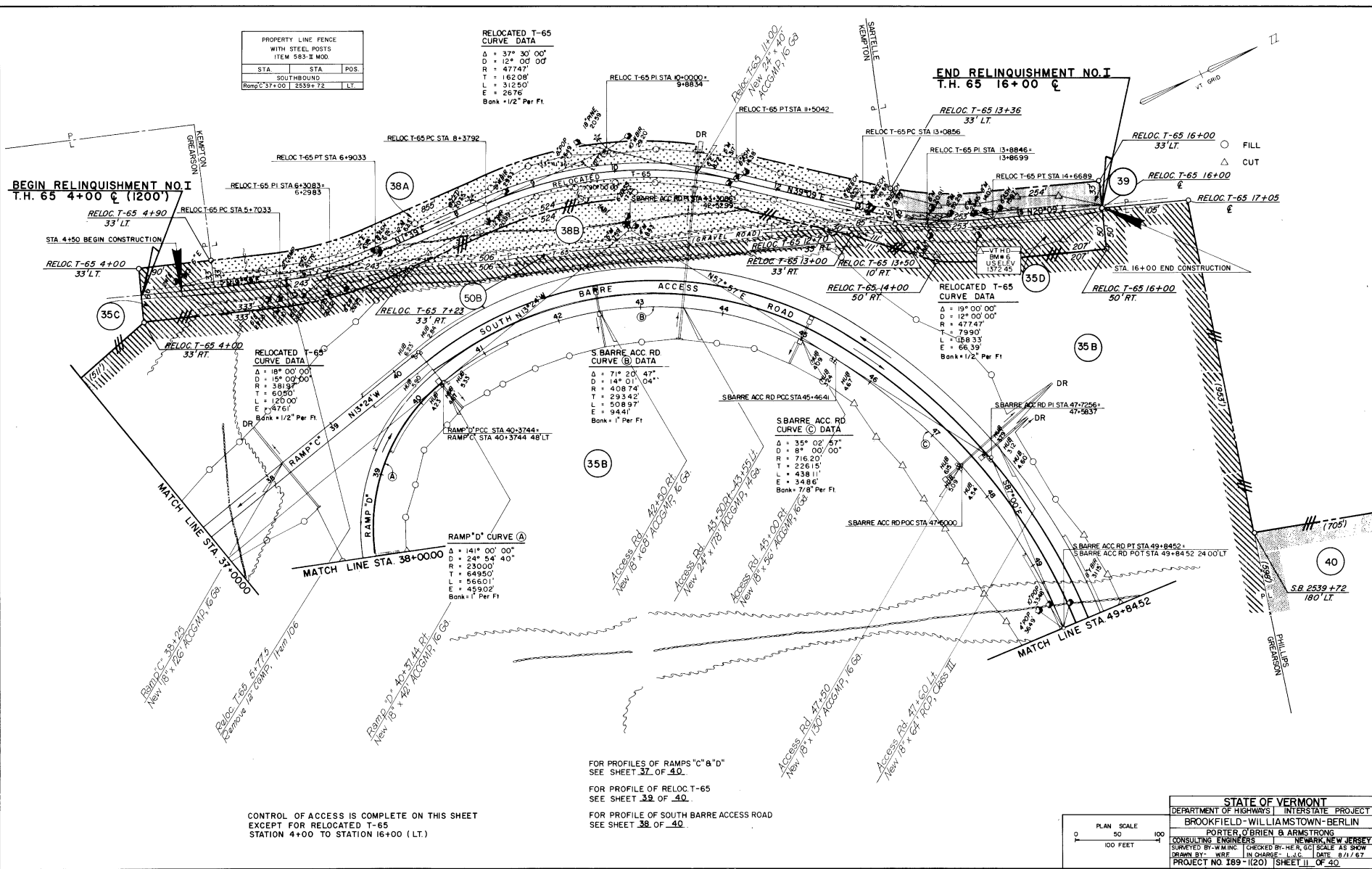


PROPERTY LINE FENCE WITH STEEL POSTS ITEM 555-3 MOD.		
STA	STA	POS.
SOUTHBOUND		
Ramp C 37+00	2559+72	LT

RELOCATED T-65
CURVE DATA
 $\Delta = 37^\circ 30' 00''$
 $D = 124' 00' 00''$
 $R = 47747'$
 $T = 162' 08'$
 $L = 31250'$
 $E = 2676'$
 $\text{Bank} = 1/2" \text{ Per Ft.}$

END RELINQUISHMENT NO. I
 T.H. 65 16+00

BEGIN RELINQUISHMENT NO. I
 T.H. 65 4+00 (1200')

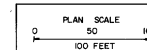


FOR PROFILES OF RAMP "C" & "D"
 SEE SHEET 37 OF 40.

FOR PROFILE OF RELOC T-65
 SEE SHEET 32 OF 40.

FOR PROFILE OF SOUTH BARRE ACCESS ROAD
 SEE SHEET 38 OF 40.

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET
 EXCEPT FOR RELOCATED T-65
 STATION 4+00 TO STATION 16+00 (LT.)



STATE OF VERMONT	
DEPARTMENT OF HIGHWAYS	INTERSTATE PROJECT
BROOKFIELD-WILLIAMSTOWN-BERLIN	
PORTER, O'BRIEN & ARMSTRONG	
CONSULTING ENGINEERS	
NEWARK, NEW JERSEY	
SURVEYED BY: W.M.C.	CHECKED BY: H.E.R.
DRAWN BY: W.R.F.	IN CHARGE: L.J.C.
DATE: 8/1/67	PROJECT NO. 189-1(20)
SHEET 11 OF 40	

PROPERTY LINE FENCE WITH STEEL POSTS ITEM 583-3 MOD		
STA.	STA.	POS.
NORTHBOUND		
2529 + 14	Ramp "A" 3+00	RT
Ramp "B" 7+00	2533 + 67	RT
SOUTHBOUND		
2539 + 72	2546 + 84	LT

RAMP "D" CURVE (A)
 Δ = 41° 00' 00"
 D = 24° 54' 40"
 R = 230.00'
 T = 649.50'
 L = 568.01'
 E = 459.02'
 Bank = 1" Per Ft

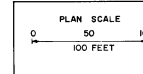
NB CURVE "A" DATA
 Δ = 31° 42' 20"
 D = 0° 37' 30"
 R = 9187.33'
 T = 2603.33'
 L = 5072.89'
 E = 362.48'
 Bank = 1/4" Per Ft

FOR PROFILES OF RAMPS "A" & "B"
 SEE SHEET 36 OF 40
 FOR PROFILE OF SOUTH BARRE ACCESS ROAD
 SEE SHEET 38 OF 40

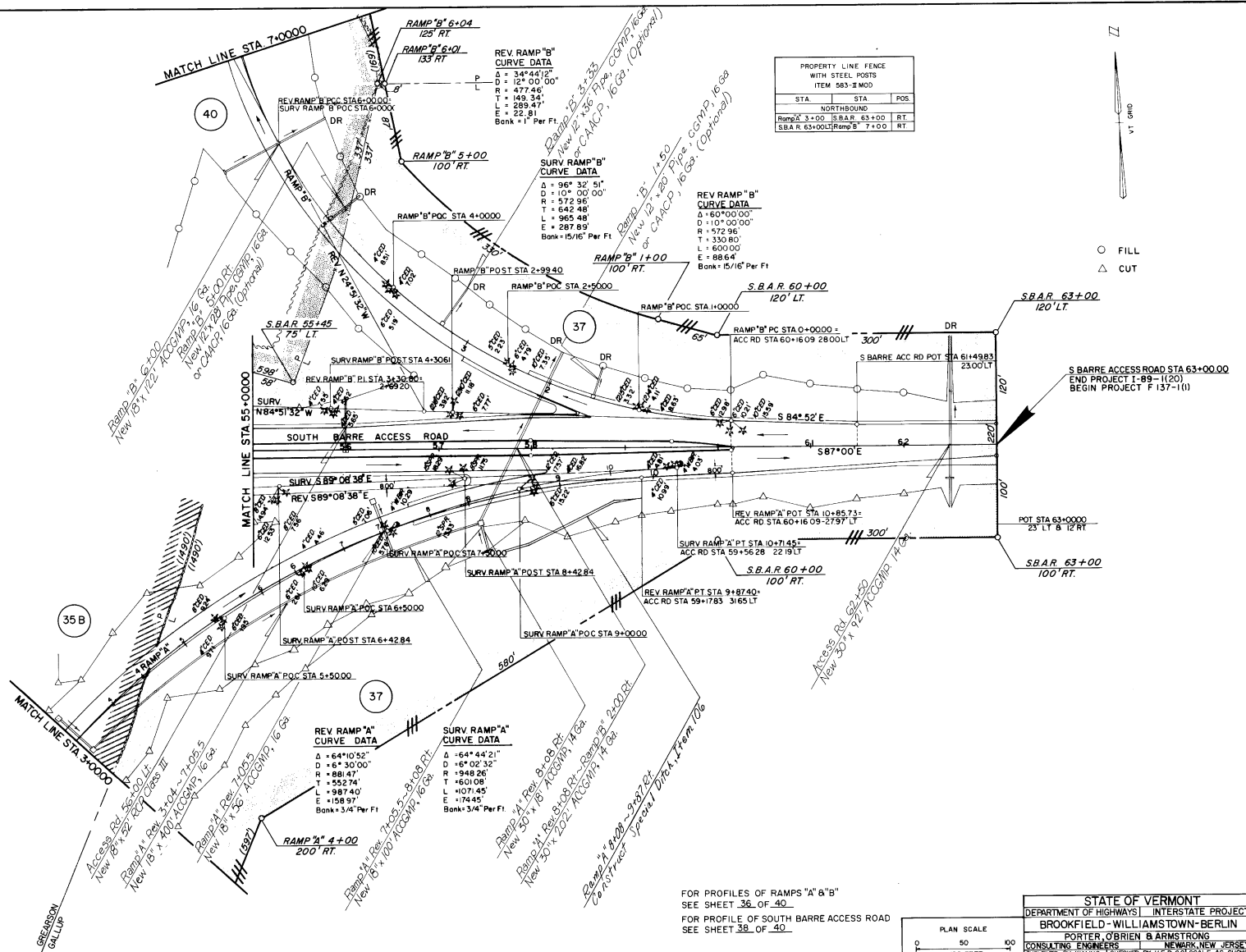
REV RAMP "B" CURVE DATA
 Δ = 54° 44' 42"
 D = 10° 00' 00"
 R = 477.45'
 T = 149.34'
 L = 289.47'
 E = 228.89'
 Bank = 1" Per Ft

SURV RAMP "B" CURVE DATA
 Δ = 56° 32' 51"
 D = 10° 00' 00"
 R = 572.96'
 T = 642.48'
 L = 965.48'
 E = 287.89'
 Bank = 15/16" Per Ft

STATE OF VERMONT
 DEPARTMENT OF HIGHWAYS INTERSTATE PROJECT
 BROOKFIELD-WILLIAMSTOWN-BERLIN
 PORTER, O'BRIEN & ARMSTRONG
 CONSULTING ENGINEERS NEWARK, NEW JERSEY
 SURVEYED BY W.M.C. CHECKED BY H.E.C. SCALE AS SHOWN
 DRAWN BY W.R.F. IN CHARGE L.J.C. DATE 8/11/67
 PROJECT NO 189-1(20) SHEET 12 OF 40

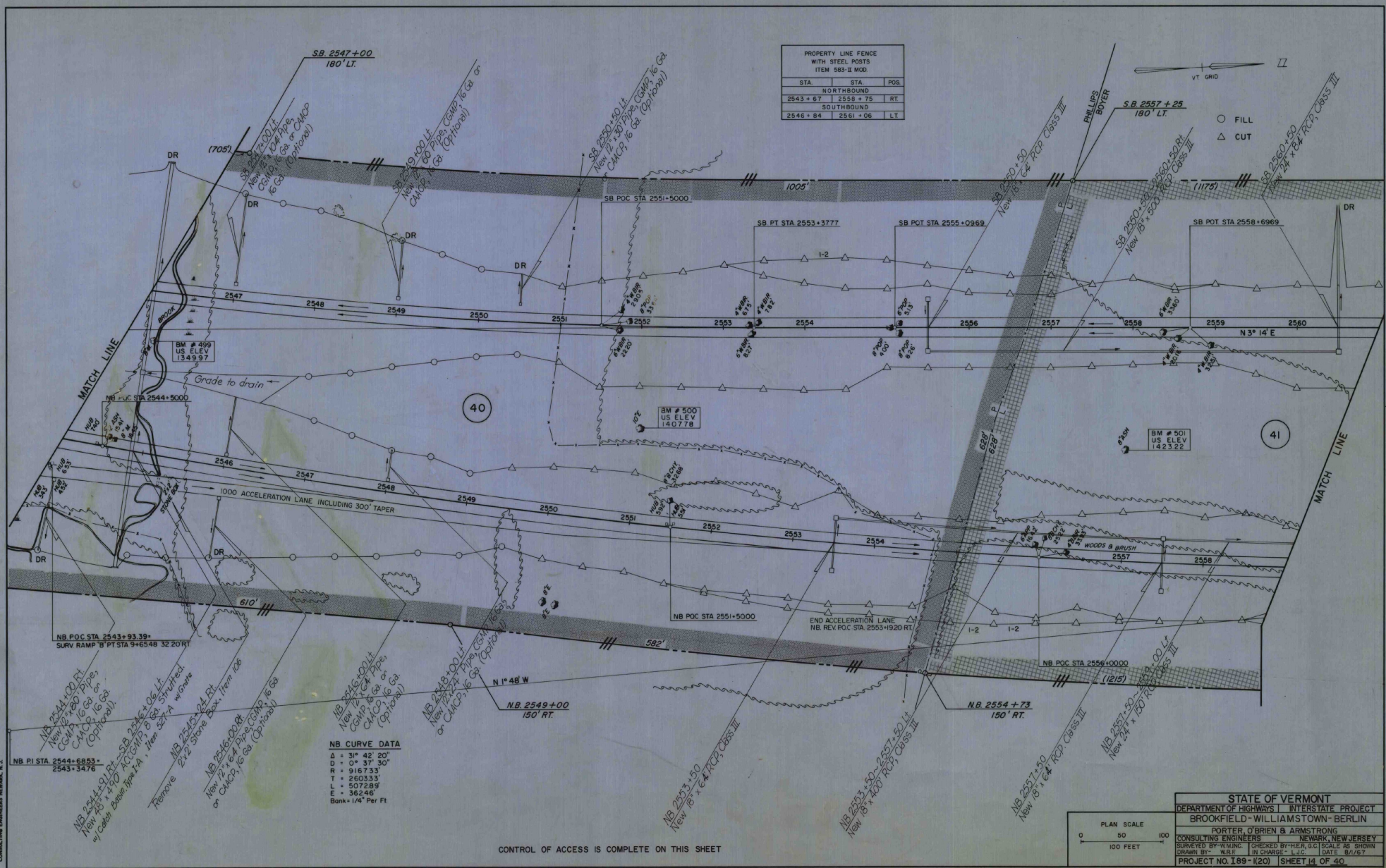


CONTROL OF ACCESS IS COMPLETE ON THIS SHEET



CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

FOR PROFILES OF RAMPS 'A' & 'B'
SEE SHEET 36 OF 40
FOR PROFILE OF SOUTH BARRE ACCESS ROAD
SEE SHEET 38 OF 40

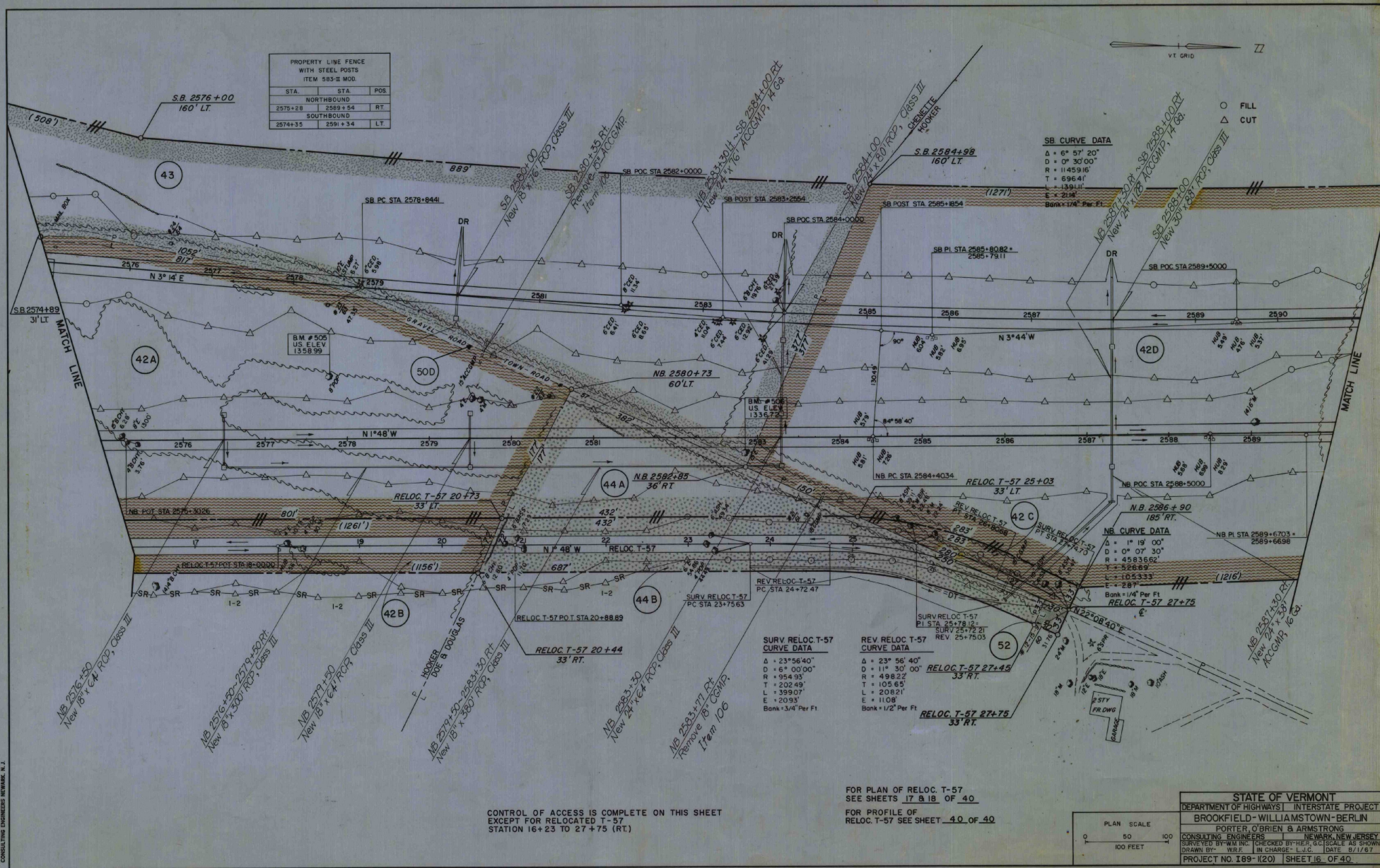


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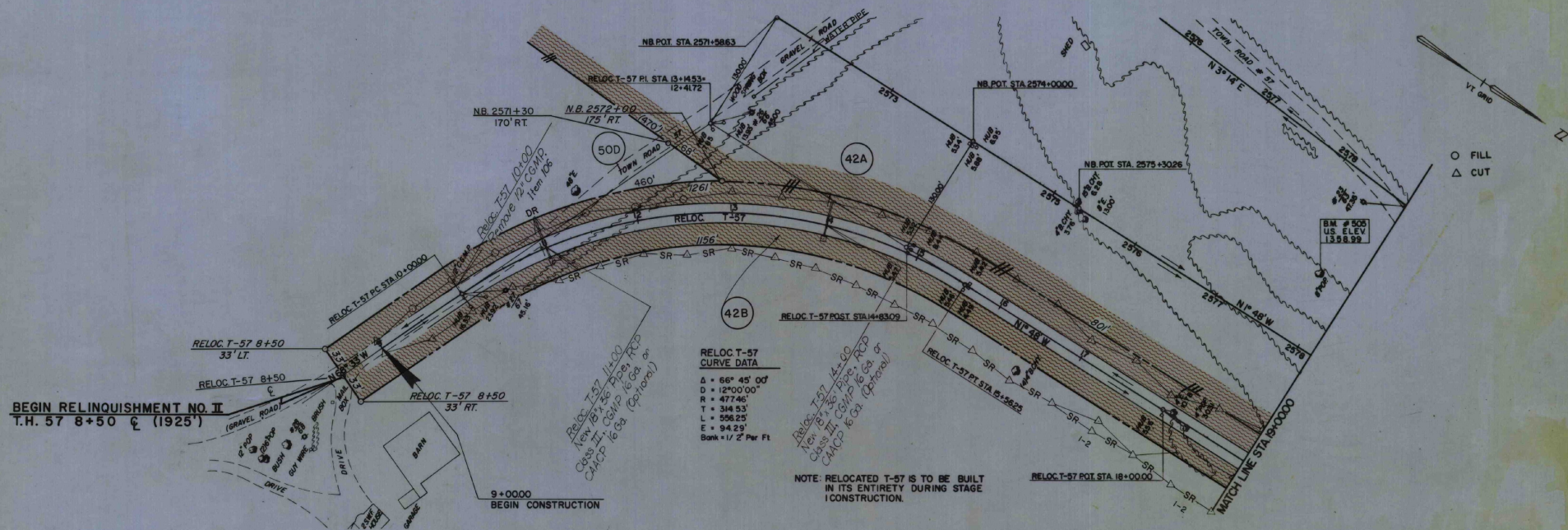
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FOR PLAN OF RELOC. T-57
SEE SHEETS 17 & 18 OF 40
FOR PROFILE OF
RELOC. T-57 SEE SHEET 40 OF 40

STATE OF VERMONT	
DEPARTMENT OF HIGHWAYS	INTERSTATE PROJECT
BROOKFIELD - WILLIAMSTOWN-BERLIN	
PORTER, O'BRIEN & ARMSTRONG	
CONSULTING ENGINEERS	NEWARK, NEW JERSEY
SURVEYED BY W.M.M.C.	CHECKED BY H.E.G.C. SCALE AS SHOWN
DRAWN BY W.R.F.	IN CHARGE L.J.C. DATE 8/1/67
PROJECT NO. 189-(120)	SHEET 15 OF 40



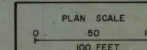
PROPERTY LINE FENCE WITH STEEL POSTS ITEM 503-E MOD.		
STA.	STA.	POS.
NORTHBOUND		
2572+00 RT.	Reloc T-57 19+00 LT.	



BEGIN RELINQUISHMENT NO. II
T.H. 57 8+50 & (1925')

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET
EXCEPT FOR RELOCATED T-57
STATION 8+50 TO 12+87 (LT.)
STATION 8+50 TO 19+00 (RT.)

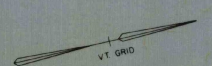
FOR PROFILE OF RELOCATED T-57
SEE SHEET 40 OF 40



STATE OF VERMONT
DEPARTMENT OF HIGHWAYS | INTERSTATE PROJECT
BROOKFIELD - WILLIAMSTOWN-BERLIN
PORTER, O'BRIEN & ARMSTRONG
CONSULTING ENGINEERS NEWARK, NEW JERSEY
SURVEYED BY: W.B.F. CHECKED BY: W.B.F. SCALE AS SHOWN
DRAWN BY: W.B.F. IN CHARGE: L.J.C. DATE: 8/1/67
PROJECT NO. 189-(20) SHEET 17 OF 40

PROPERTY LINE FENCE WITH STEEL POSTS ITEM 585-II MOD.		
STA.	STA.	POS.
NORTHBOUND		
Reloc T-57 @ HOOKER	2586 + 90	R.T.

CHEMETTE
HOOKER



○ FILL
△ CUT

END RELINQUISHMENT NO. II
T.H. 57 27+75

SURV. RELOC T-57
CURVE DATA
Δ = 23° 56' 40"
D = 11" 30' 00"
R = 498.22
T = 105.65
L = 208.21
E = 110.81
Bank = 1/2" Per Ft

REV. RELOC T-57
CURVE DATA
Δ = 23° 56' 40"
D = 11" 30' 00"
R = 498.22
T = 105.65
L = 208.21
E = 110.81
Bank = 1/2" Per Ft

FOR PROFILE OF RELOCATED T-57
SEE SHEET 40 OF 40

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET
EXCEPT FOR RELOCATED T-57
STATION 19+00 TO 27+50 (RT.)

PLAN SCALE
0 50 100
100 FEET

STATE OF VERMONT	
DEPARTMENT OF HIGHWAYS INTERSTATE PROJECT	
BROOKFIELD-WILLIAMSTOWN-BERLIN	
PORTER, O'BRIEN & ARMSTRONG	
CONSULTING ENGINEERS	NEWARK, NEW JERSEY
SURVEYED BY: W.M.B.	CHECKED BY: H.E.R. & C. SCALE AS SHOWN
DRAWN BY: W.B.F.	IN CHARGE: L.J.C. DATE: 8/1/67
PROJECT NO. I-89-1(20) SHEET 18 OF 40	

PORTER, O'BRIEN & ARMSTRONG
CONSULTING ENGINEERS
NEWARK, NEW JERSEY

* DENOTES STAGE 2 ITEMS

DRILLING AND BLASTING OF
SOLID ROCK SUBGRADE, ITEM 115
NB 2607+25 - 2608+25

CEDAR LOG RAIL, ITEM 546
NB 2611+00 - 2614+50 R.A. RT.
SB 2616+00 - 2619+45 R.A. LT.

PROPERTY LINE FENCE WITH STEEL POSTS ITEM 565-B MOD.		
STA.	STA.	POS.
NORTHBOUND		
2605+00	2607+00	RT.
SOUTHBOUND		
2605+00	2607+00	LT.

MATCH LINE SEE SHEET NO. 21

△ CUT
○ FILL

NOTE: Area between roadway shoulder and rest area shoulder to be used for waste material disposal and to be graded as directed by the engineer.

45A

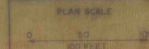
BROOKFIELD-WILLIAMSTOWN
BERLIN

I 89-120

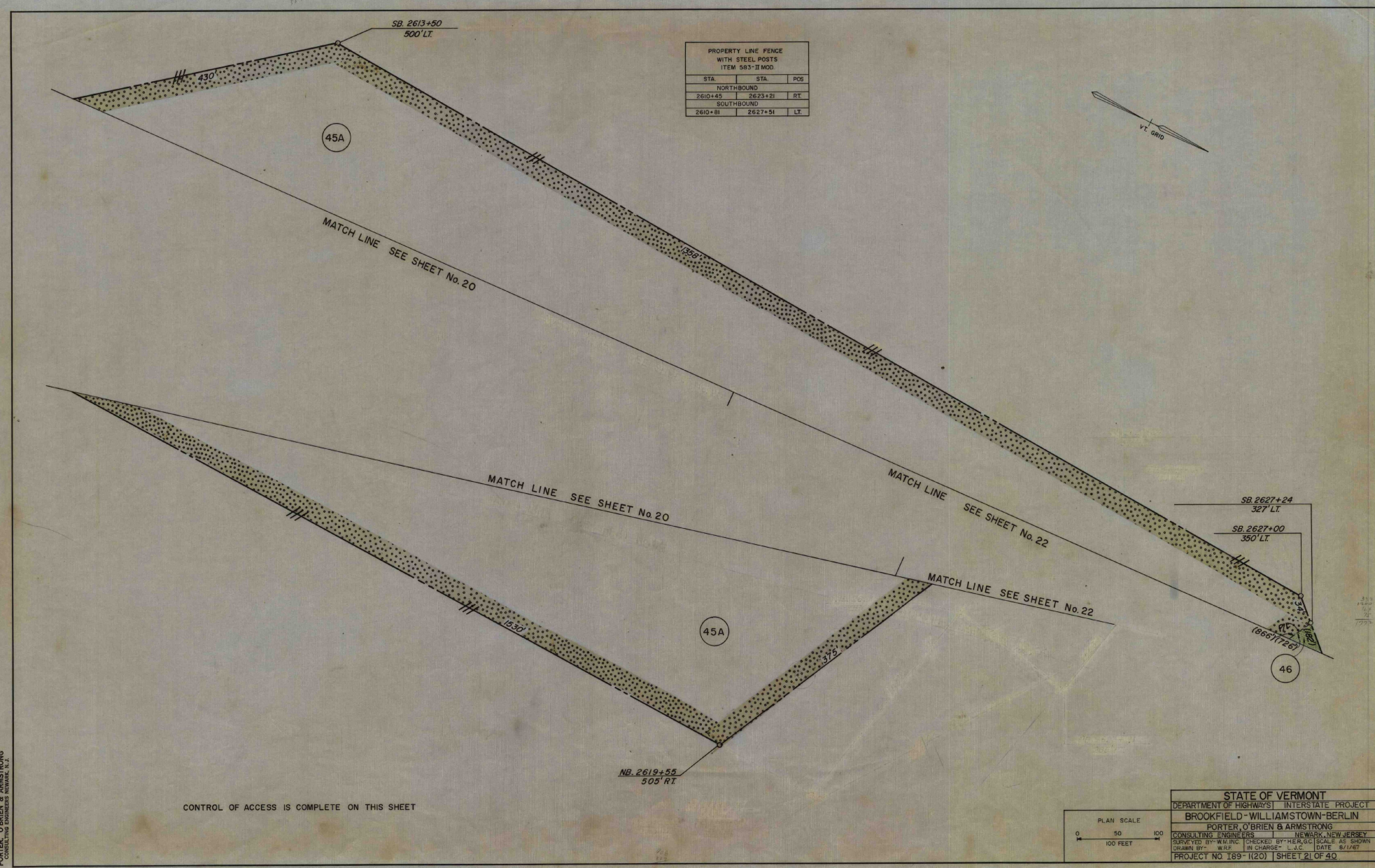
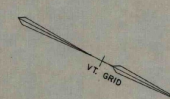
SECTION No. II

SHEET 20 OF 40

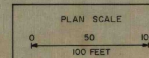
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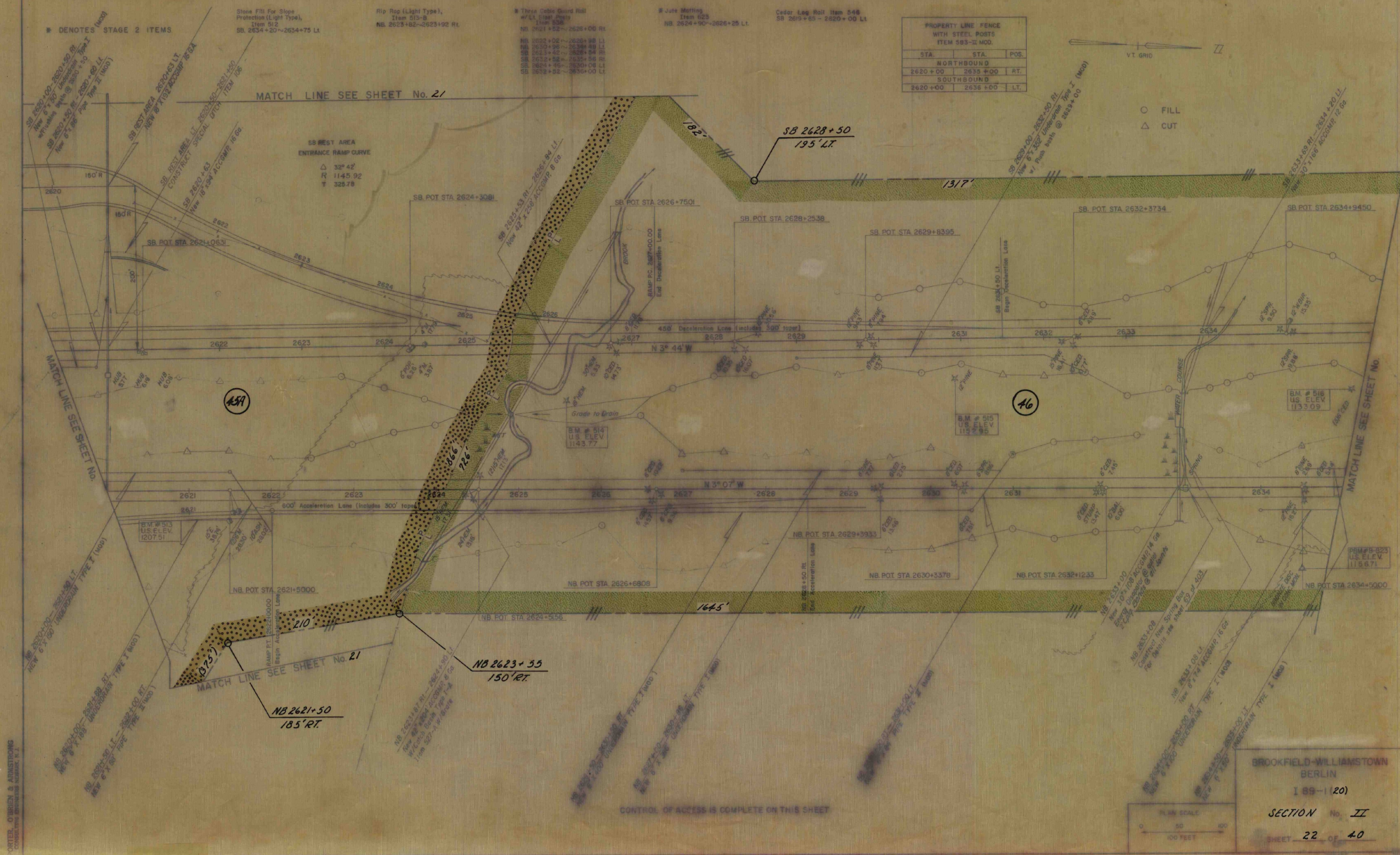
PROPERTY LINE FENCE WITH STEEL POSTS ITEM 583-II MOD.		
STA.	STA.	POS.
NORTHBOUND		
2610+45	2623+21	RE
SOUTHBOUND		
2610+81	2627+51	LT



CONTROL OF ACCESS IS COMPLETE ON THIS SHEET



STATE OF VERMONT	
DEPARTMENT OF HIGHWAYS	INTERSTATE PROJECT
BROOKFIELD-WILLIAMSTOWN-BERLIN	
PORTER, O'BRIEN & ARMSTRONG	
CONSULTING ENGINEERS	NEWARK, NEW JERSEY
SURVEYED BY: W.M.B.	CHECKED BY: H.E.C. SCALE AS SHOWN
DRAWN BY: W.B.P.	IN CHARGE: J.J.C. DATE: 8/12/67
PROJECT NO. 169-1120 SHEET 21 OF 40	



* DENOTES STAGE 2 ITEMS

Rip Rap (Light Type)
Item 513-B
NB 2641+30=2641+49 RT
NB 2641+47=2641+65 RT
NB 2641+18=2641+34 RT

Three Cable Guard Rail
w/11 Steel Posts
Item 538
NB 2639+38=2644+88 RT
NB 2639+58=2644+98 RT
NB 2639+60=2644+98 RT
NB 2639+60=2644+98 RT
NB 2639+60=2644+98 RT

Jute Matting
Item 523
NB 2641+25=2641+85 LT

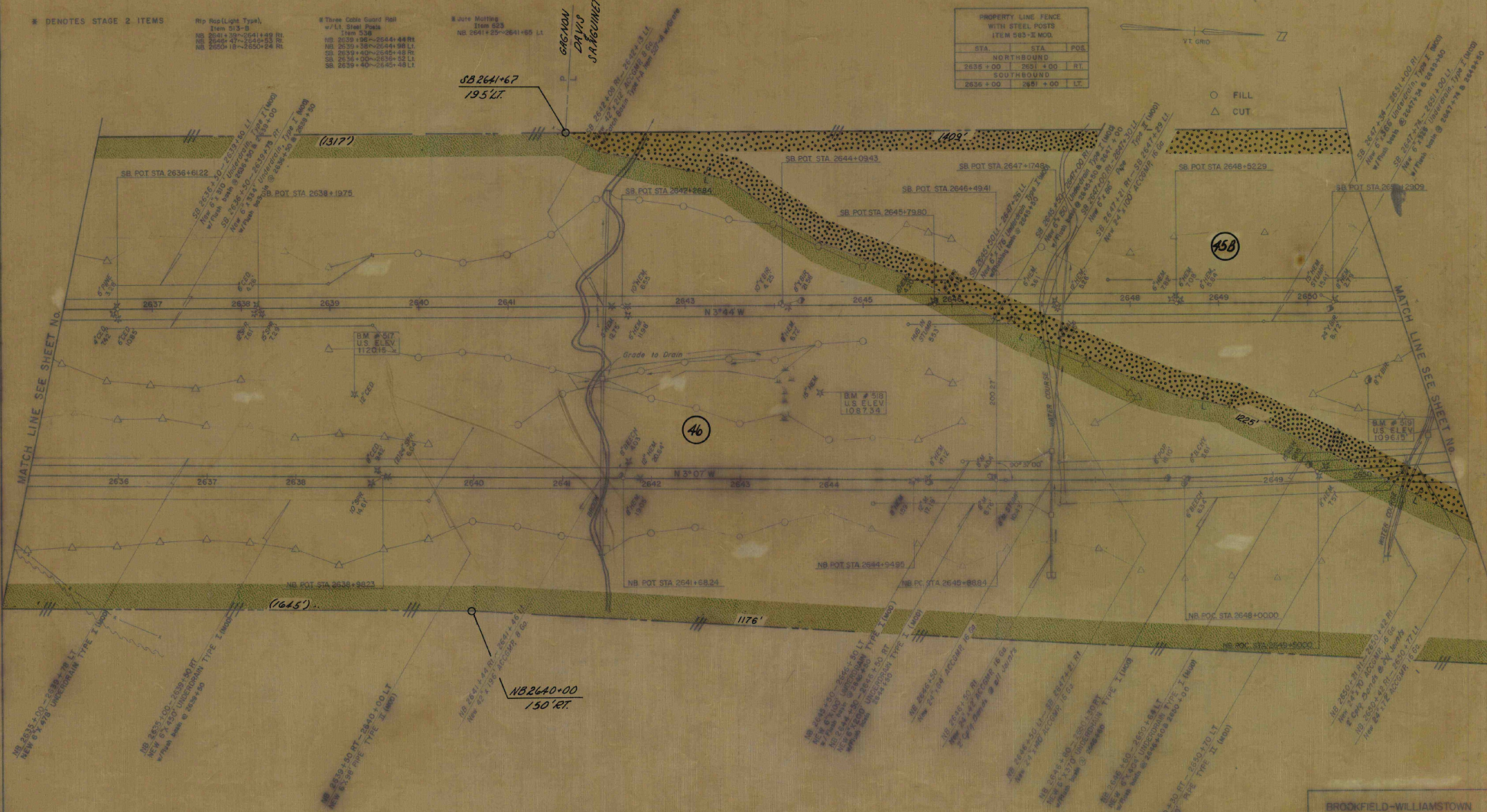
GRANITE
DAVIS
S.A. ROCHETTI

SB 2641+67
195' LT

PROPERTY LINE FENCE WITH STEEL POSTS ITEM 583-Z MOD.		
STA	STA	POS
NORTHBOUND		
2636+00	2637+00	RT
SOUTHBOUND		
2636+00	2637+00	LT

YT GRID

○ FILL
△ CUT



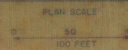
CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

BROOKFIELD-WILLIAMSTOWN
BERLIN

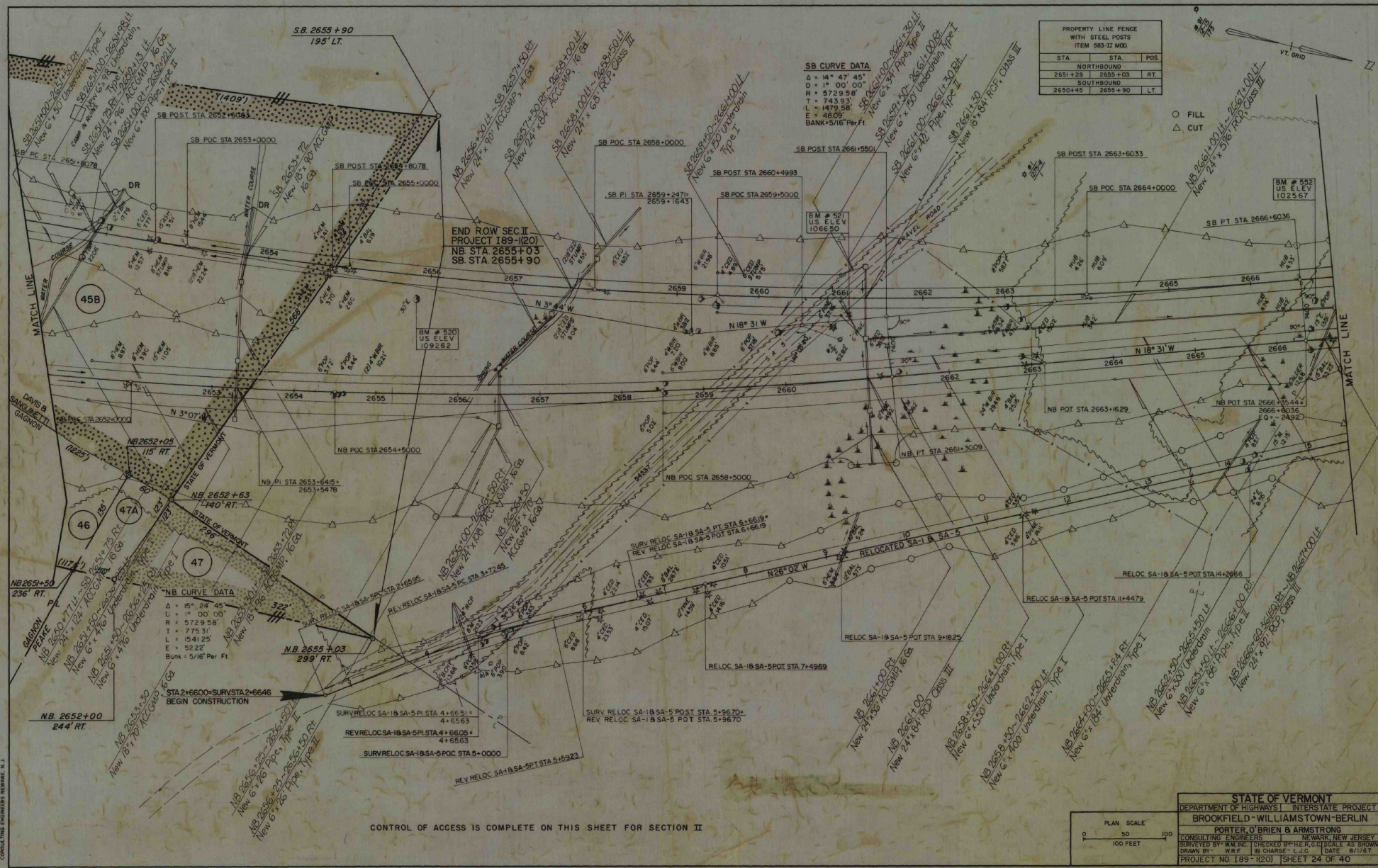
189-1(20)

SECTION No. II

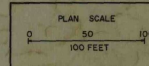
SHEET 23 OF 90



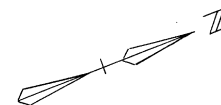
PORTER, O'BRIEN & ARMSTRONG
CONSULTING ENGINEERS NEWARK, N.J.



CONTROL OF ACCESS IS COMPLETE ON THIS SHEET FOR SECTION II



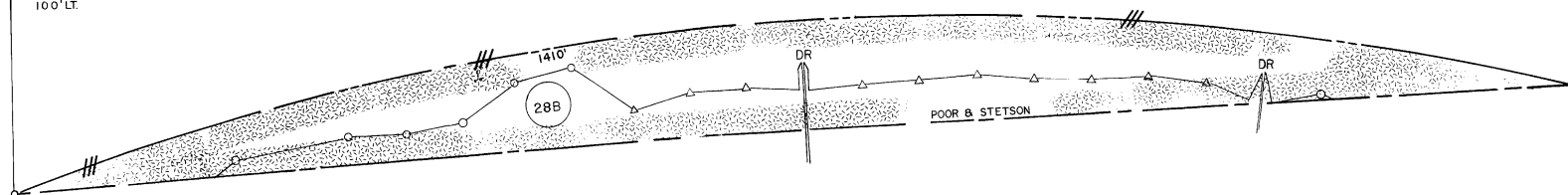
STATE OF VERMONT
DEPARTMENT OF HIGHWAYS - INTERSTATE PROJECT
BROOKFIELD-WILLIAMSTOWN-BERLIN
PORTER, O'BRIEN & ARMSTRONG
CONSULTING ENGINEERS NEWARK, NEW JERSEY
SURVEYED BY W.M.N. CHECKED BY R.C.C. SCALE AS SHOWN
DRAWN BY W.B.T. IN CHARGE L.C. DATE 8/1/87
PROJECT NO 189-1120 SHEET 24 OF 40



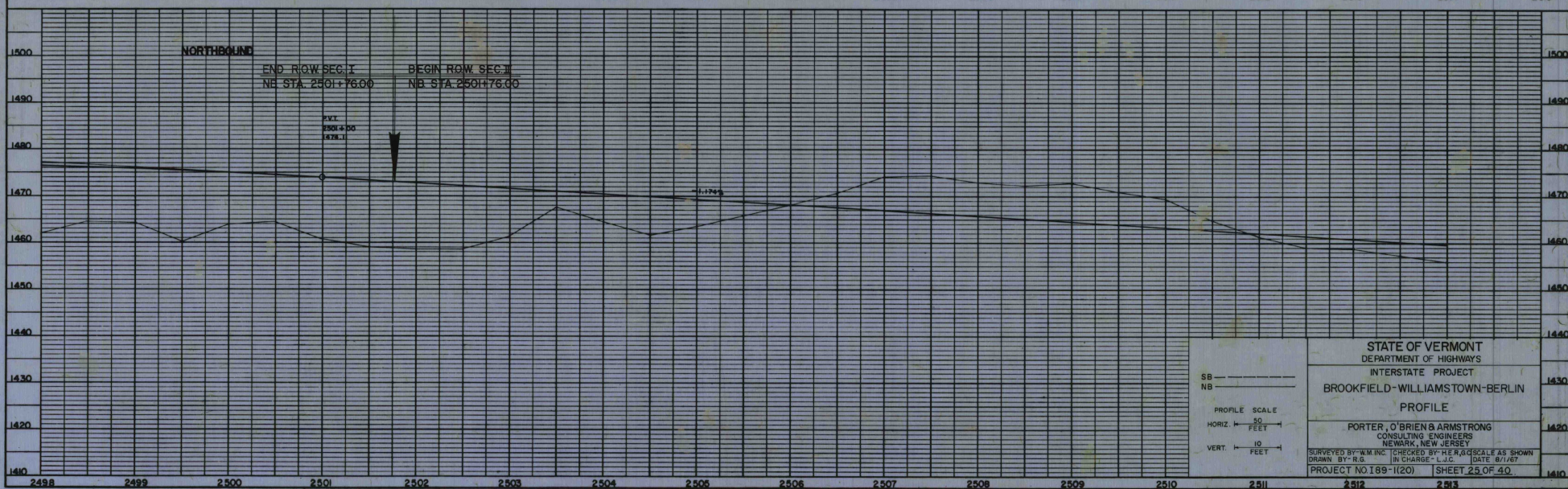
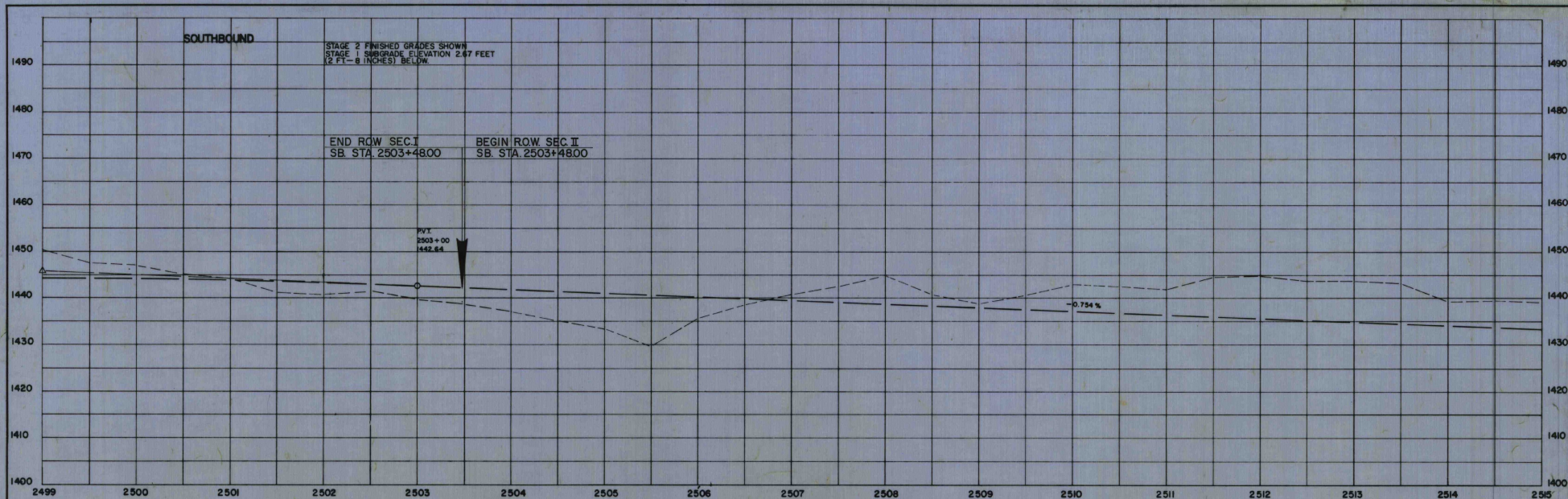
SB 2420+65
100' LT.

TOWN OF NORTHFIELD WASHINGTON COUNTY
TOWN OF WILLIAMSTOWN ORANGE COUNTY

SB 2407+13
100' LT.



STATE OF VERMONT		
DEPARTMENT OF HIGHWAYS INTERSTATE PROJECT		
BROOKFIELD-WILLIAMSTOWN-BERLIN		
PORTER, O'BRIEN & ARMSTRONG CONSULTING ENGINEERS NEWARK, NEW JERSEY		
SURVEYED BY -	CHECKED BY -	APPROX. SCALE 1"=200'
DRAWN BY -	IN CHARGE -	DATE
PROJECT NO 189-1(20)		SHEET 248 OF 50



PORTER, O'BRIEN & ARMSTRONG
CONSULTING ENGINEERS
NEWARK, NEW JERSEY
PROJECT NO. 189-1(20) SHEET 25 OF 40
DATE 8/1/67
IN CHARGE - L.J.C.
DRAWN BY - R.G.

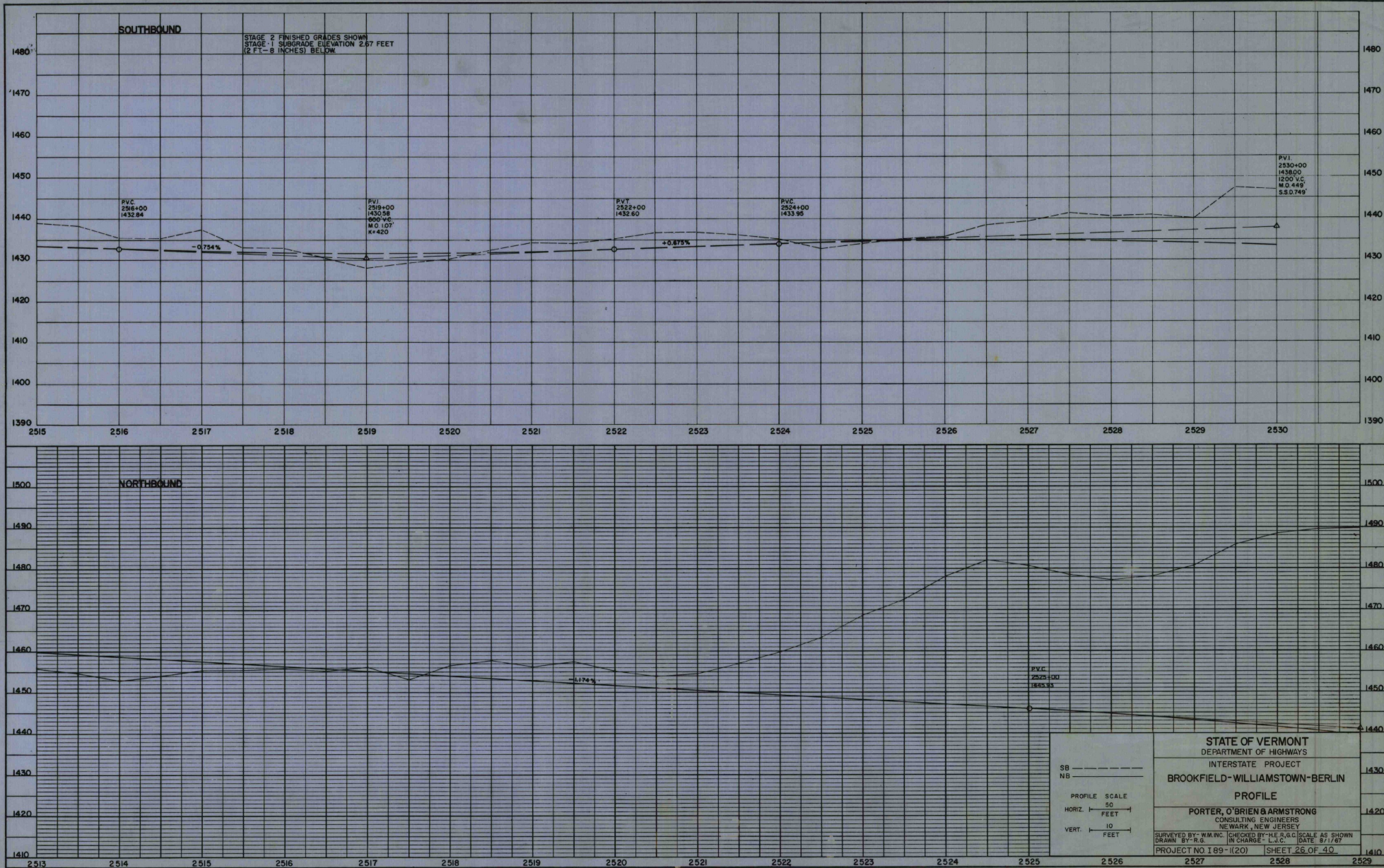
SB
NB

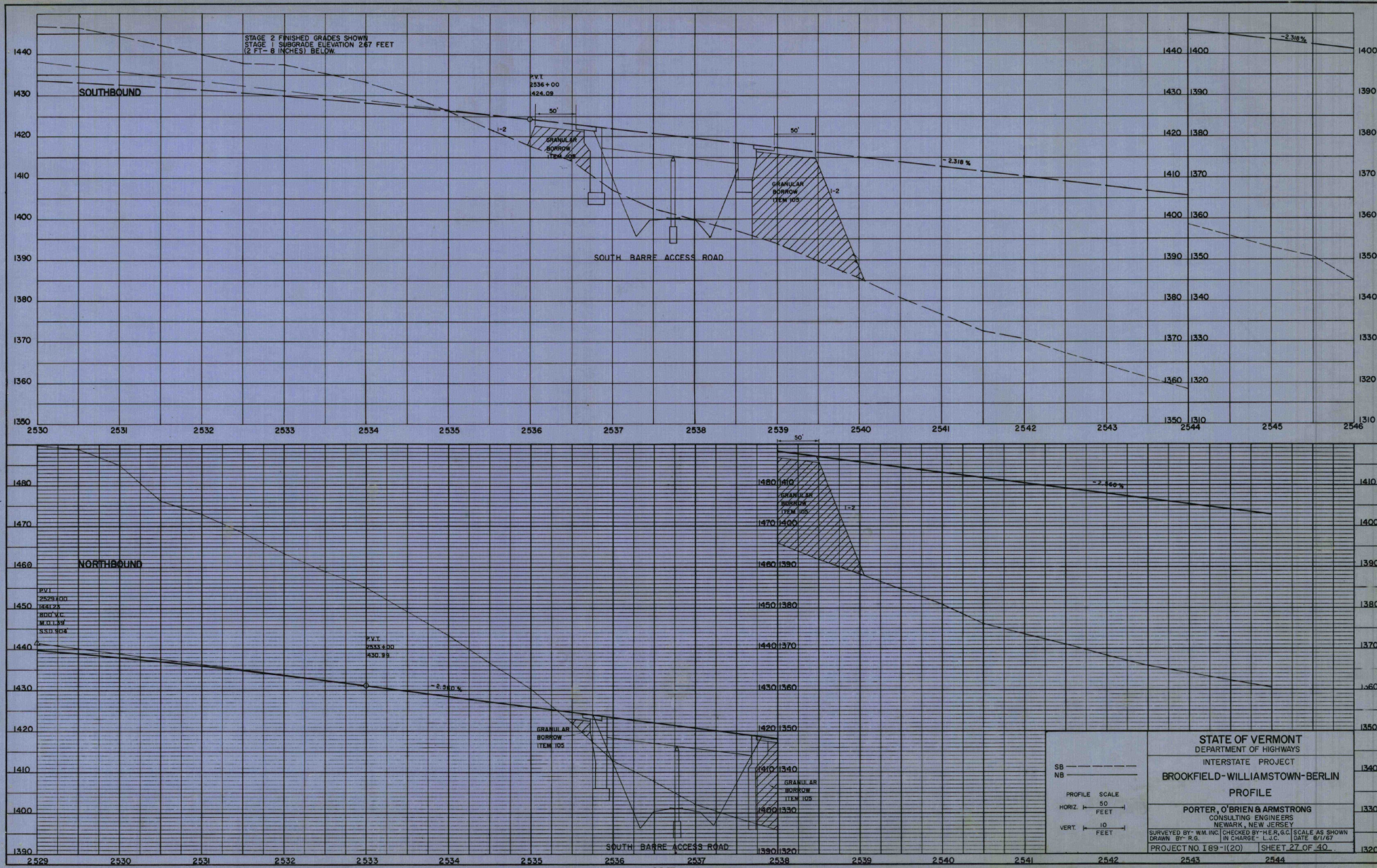
PROFILE SCALE
HORIZ. 50 FEET
VERT. 10 FEET

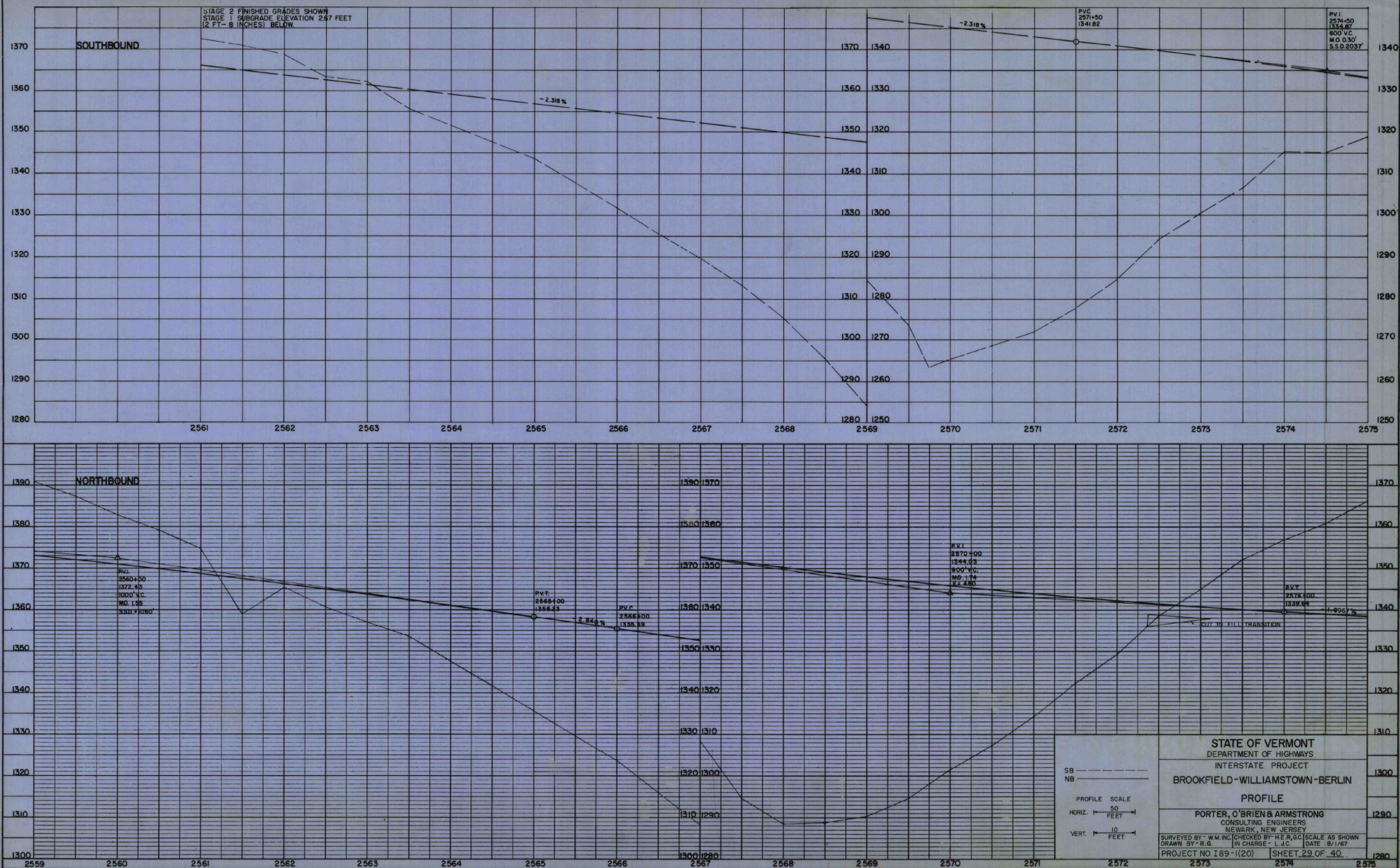
STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
INTERSTATE PROJECT
BROOKFIELD-WILLIAMSTOWN-BERLIN
PROFILE

PORTER, O'BRIEN & ARMSTRONG
CONSULTING ENGINEERS
NEWARK, NEW JERSEY
SURVEYED BY - M.M.W. CHECKED BY - H.E.A. SCALE AS SHOWN
DATE 8/1/67
PROJECT NO. 189-1(20) SHEET 25 OF 40

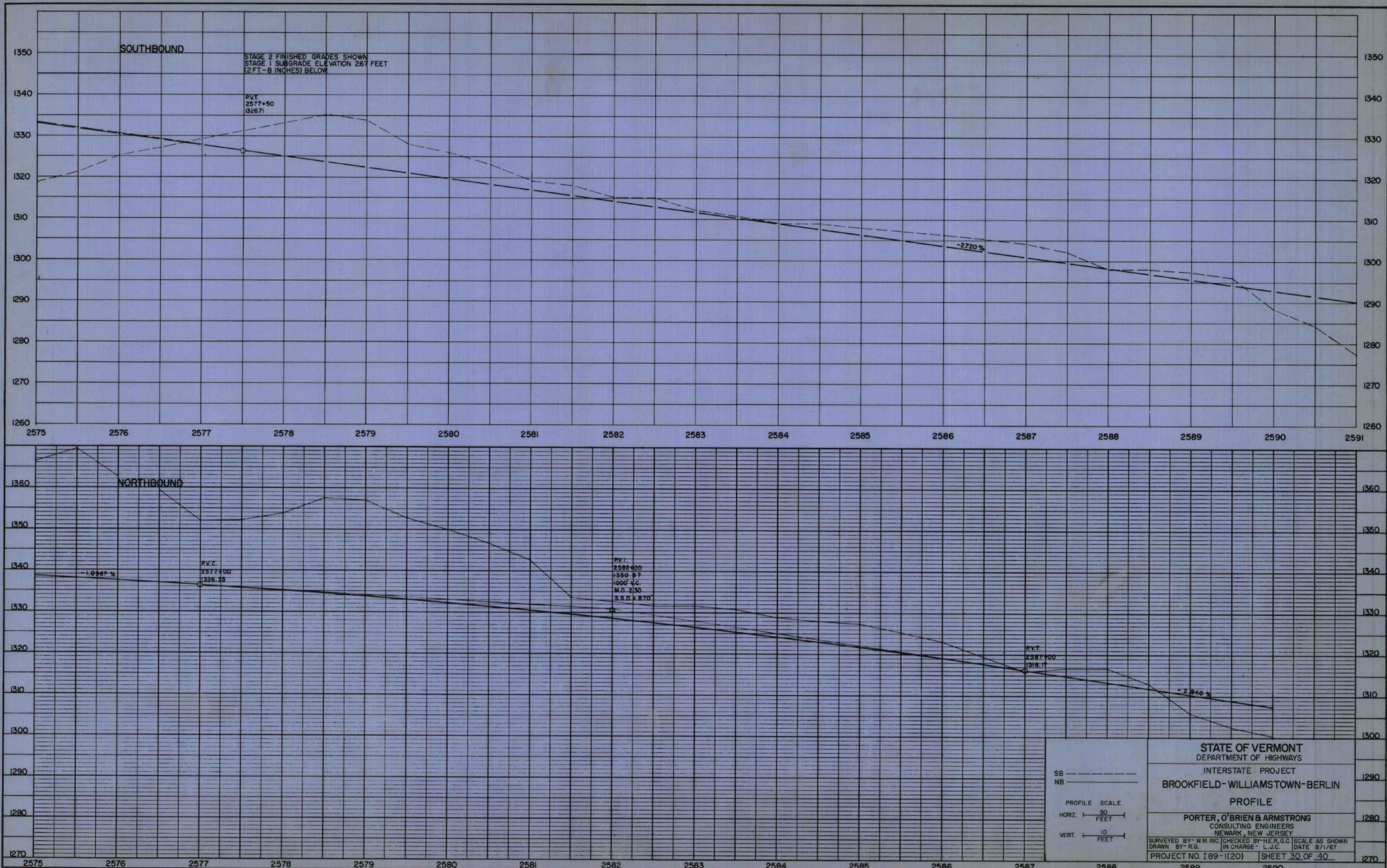
PROFILE
 DATE: 8/1/87
 BY: J. J. HARRIS
 CHECKED BY: J. J. HARRIS
 DRAWN BY: J. J. HARRIS
 PROJECT NO. 189-1(20) SHEET 26 OF 40



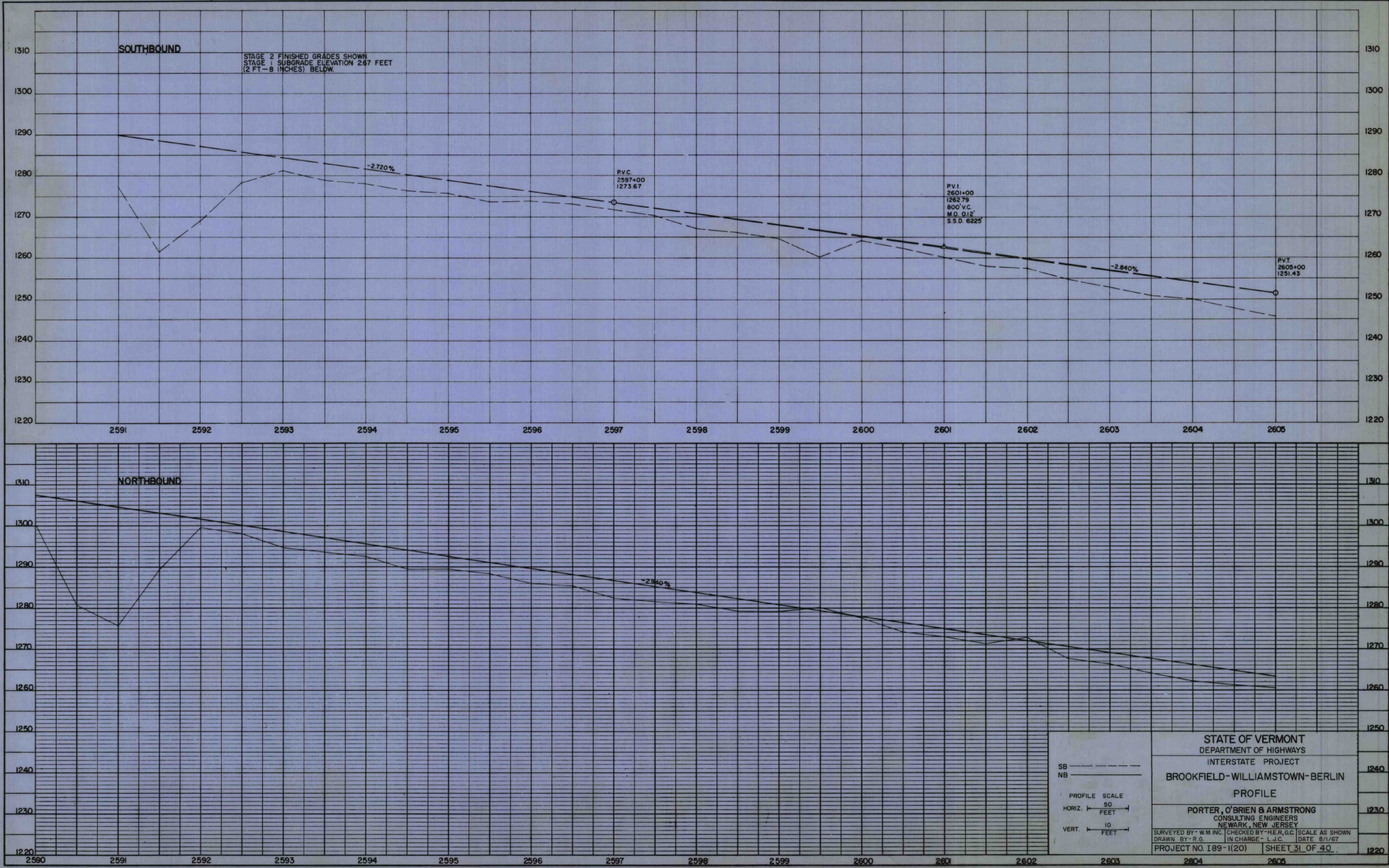




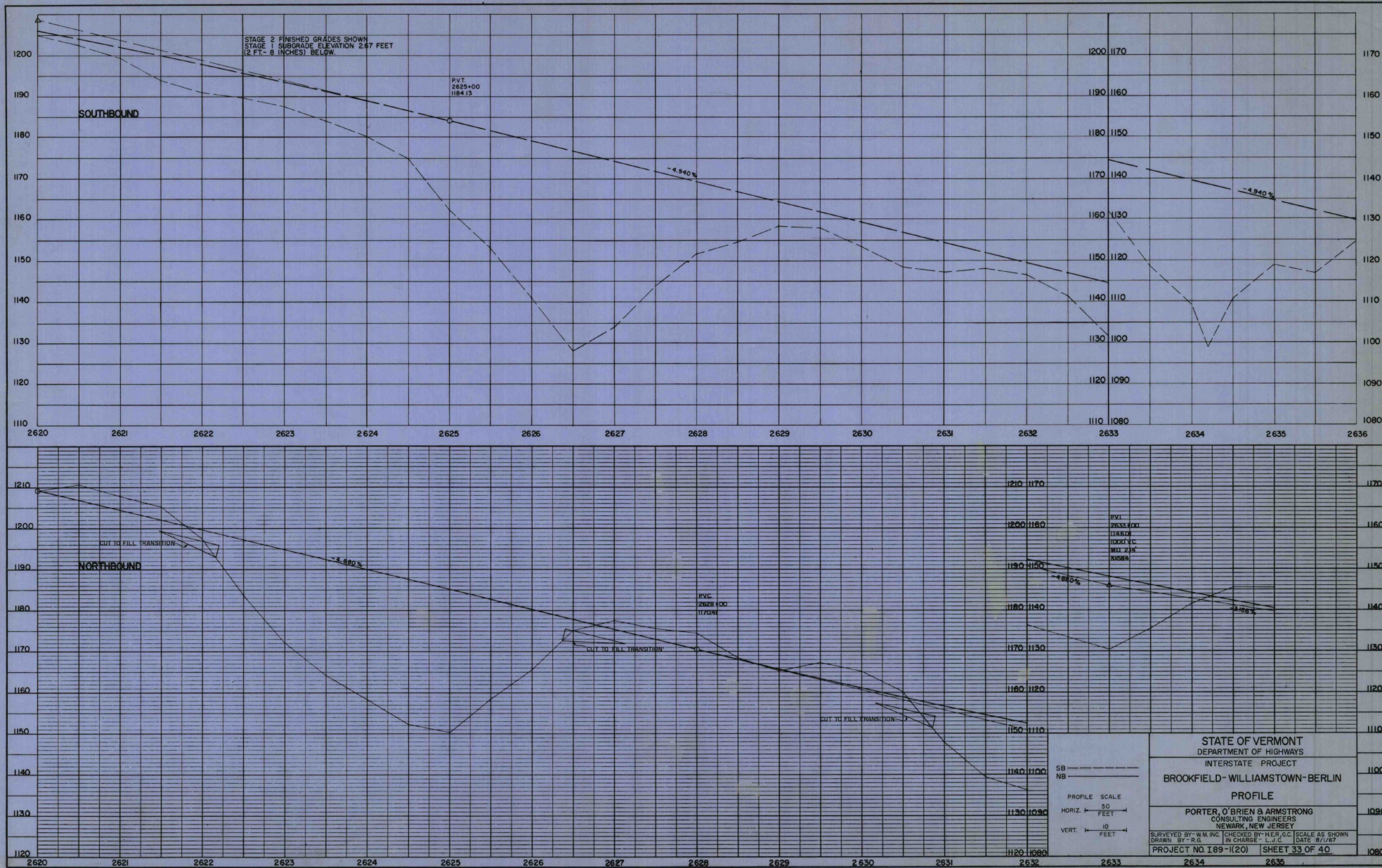
PROFILE
 PROJECT NO. 189-1(20)
 SHEET 30 OF 40
 DATE 8/1/67
 DRAWN BY R.G.
 IN CHARGE L.J.C.
 SURVEYED BY W.M.B.C.
 CHECKED BY W.L.A.C.
 SCALE AS SHOWN
 PROJECT NO. 189-1(20) SHEET 30 OF 40

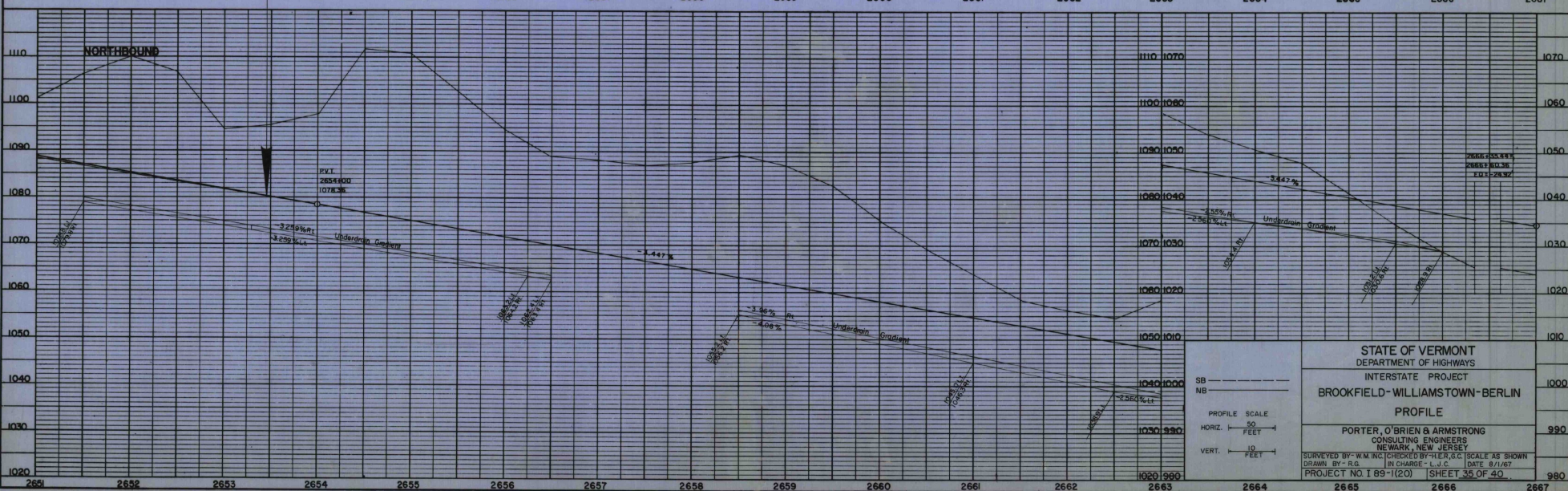


PROFILE
 DRAWN BY: R.G.
 CHECKED BY: L.J.C.
 DATE: 8/1/67
 PROJECT NO. 189-1(20) SHEET 31 OF 40

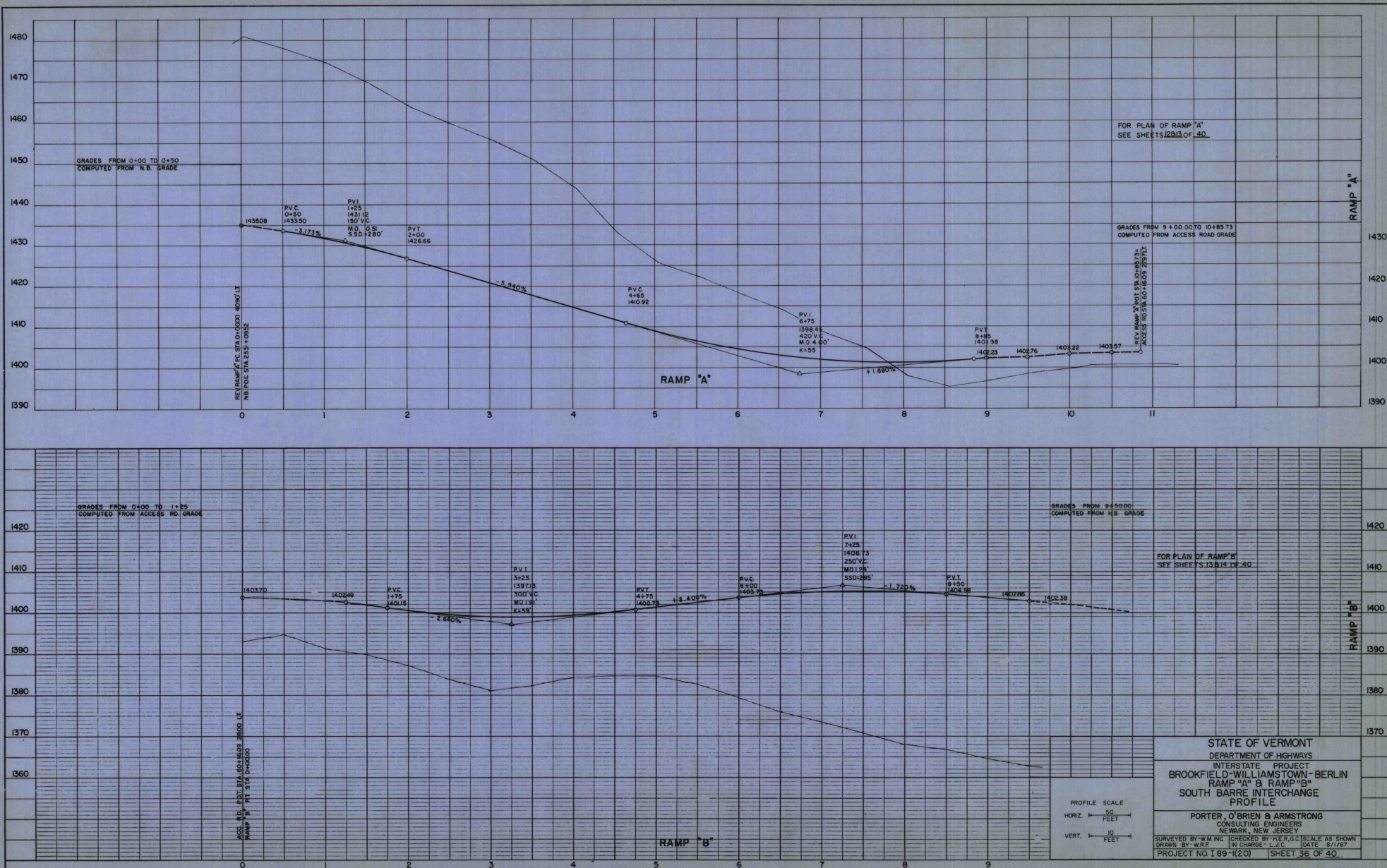


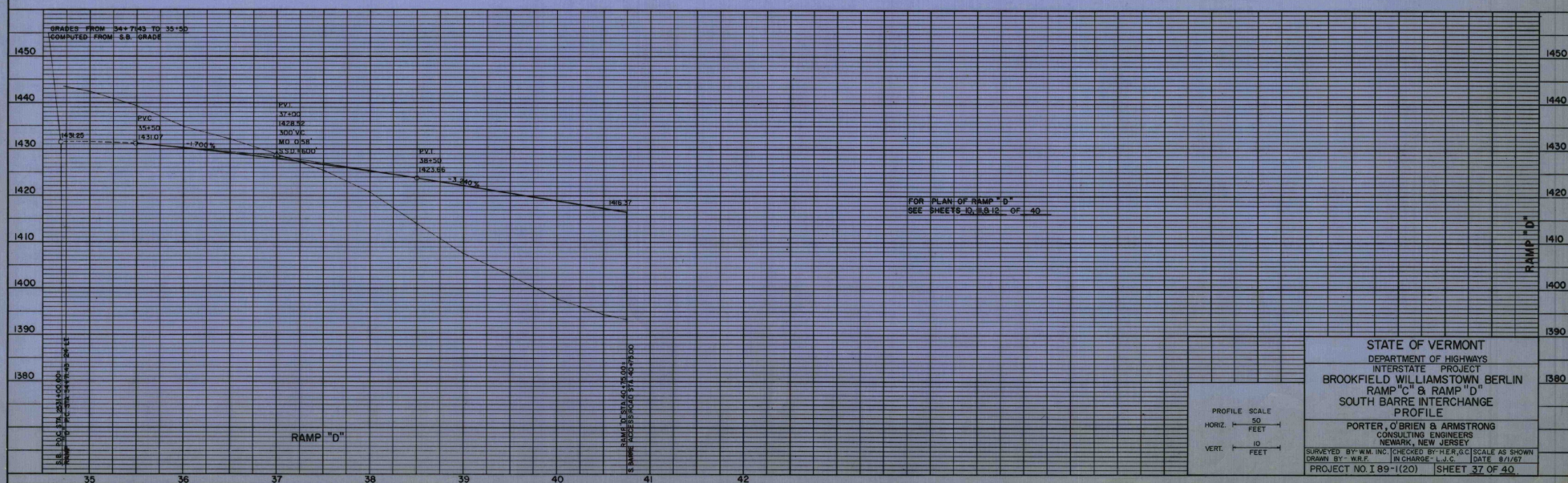
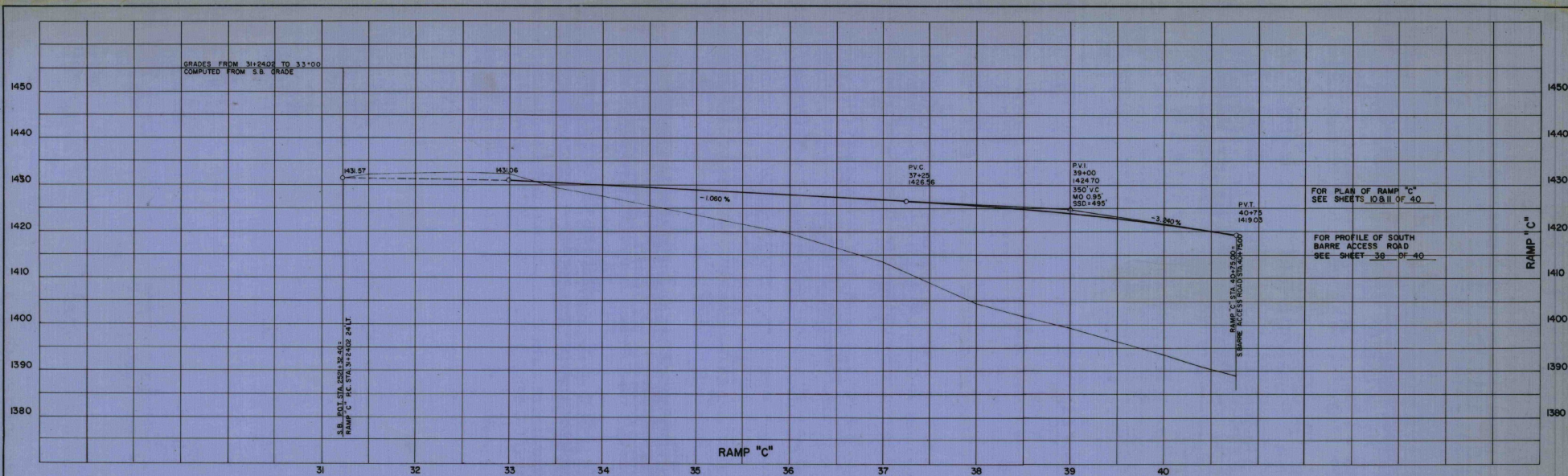
PROFILE
 DATE: 8/1/67
 DRAWN BY: R.G.
 CHECKED BY: H.E.A.C.
 IN CHARGE: L.J.C.
 SCALE: AS SHOWN
 PROJECT NO. 169-K(20) SHEET 33 OF 40





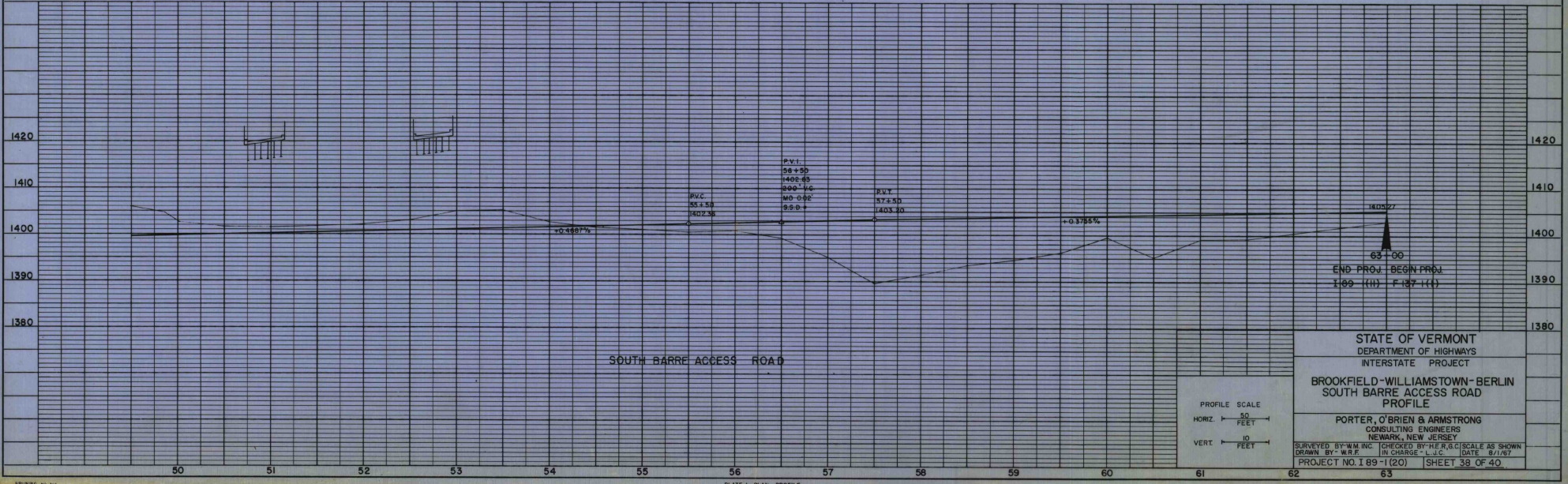
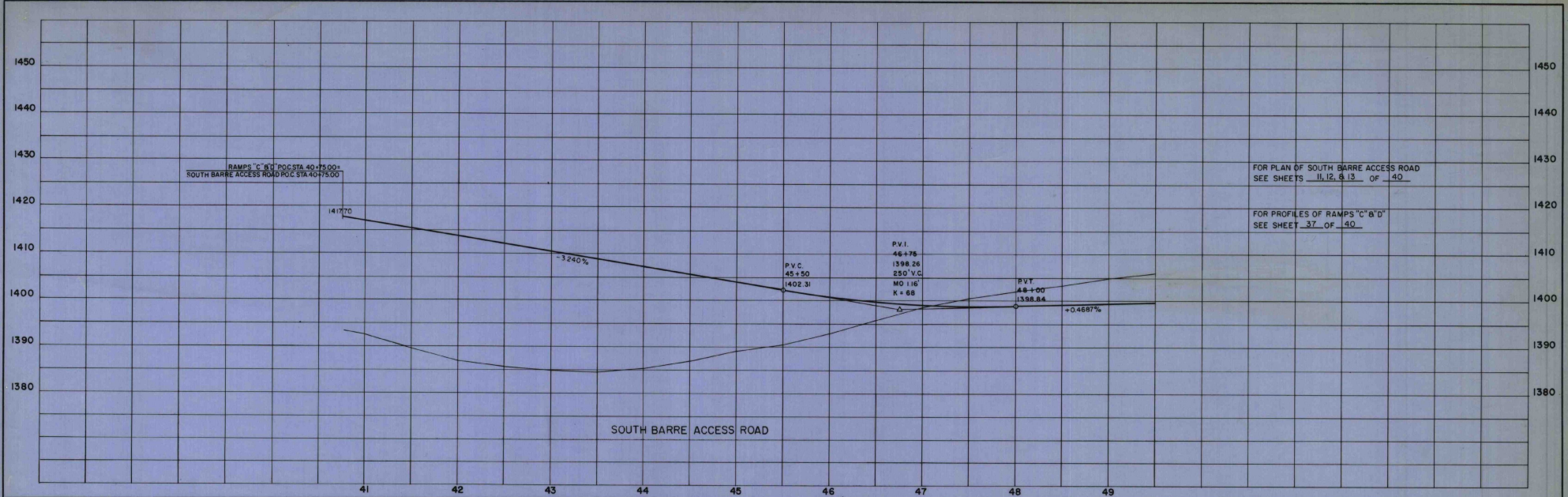
PROFILE
 DESIGNED BY: W. M. MARTIN
 CHECKED BY: J. J. ARMSTRONG
 DATE: 8/1/67
 PROJECT NO. 189-1(20)



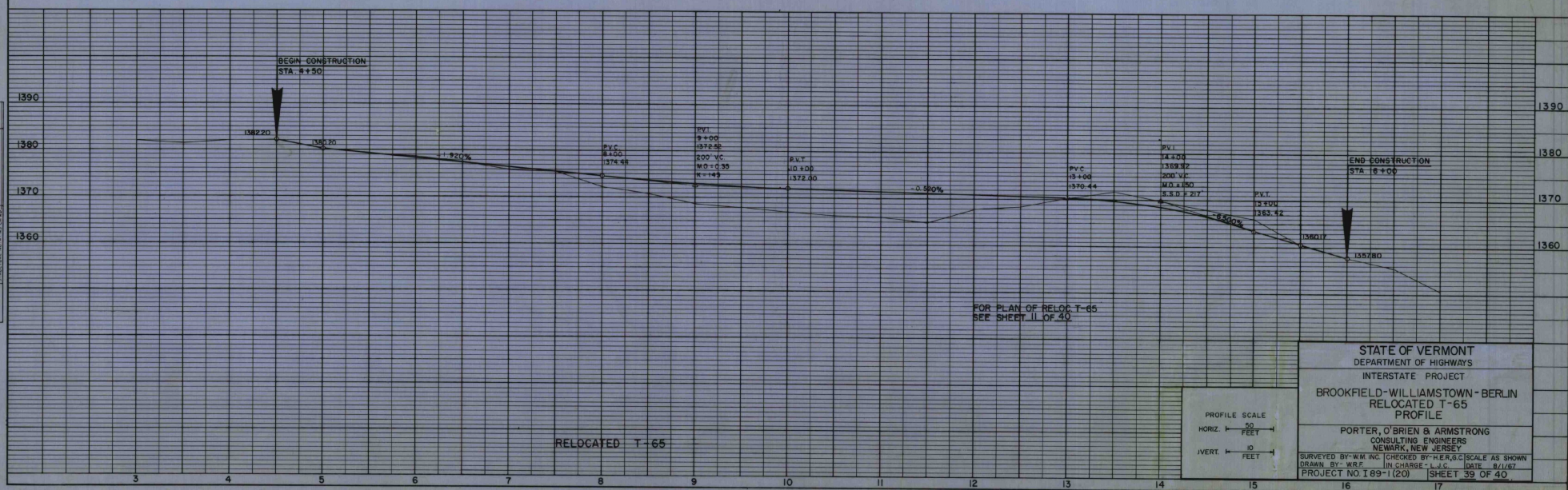


PROFILE
STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
PROJECT
BROOKFIELD WILLIAMSTOWN, BERLIN
RAMP "C" & RAMP "D"
SOUTH BARRE INTERCHANGE
PROFILE
PORTER, O'BRIEN & ARMSTRONG
CONSULTING ENGINEERS
NEWARK, NEW JERSEY
SURVEYED BY: W.M. INC. CHECKED BY: T.E.R. SCALE AS SHOWN
DRAWN BY: W.R.F. IN CHARGE: L.J.C. DATE: 8/1/67
PROJECT NO. I 89-1(20) SHEET 37 OF 40

PROFILE
 PROJECT NO. 189-1(20)
 SHEET 38 OF 40
 DATE 8/1/67
 DRAWN BY M.F.F.
 CHECKED BY R.O.C.
 PORTER, O'BRIEN & ARMSTRONG
 NEWARK, NEW JERSEY
 CONSULTING ENGINEERS



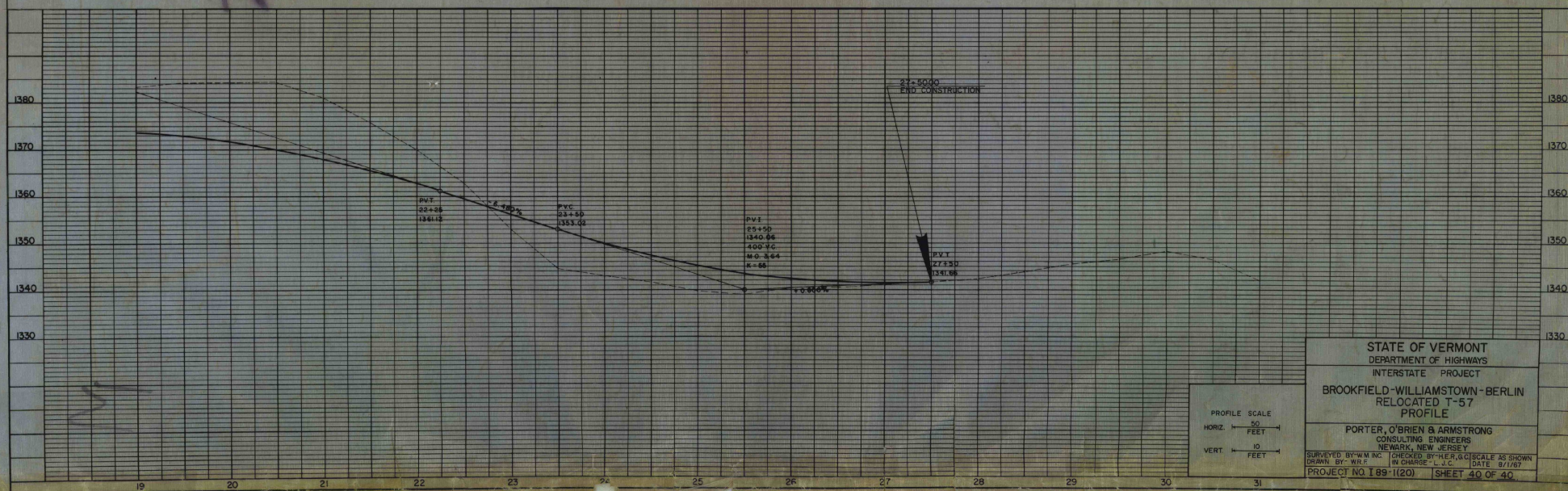
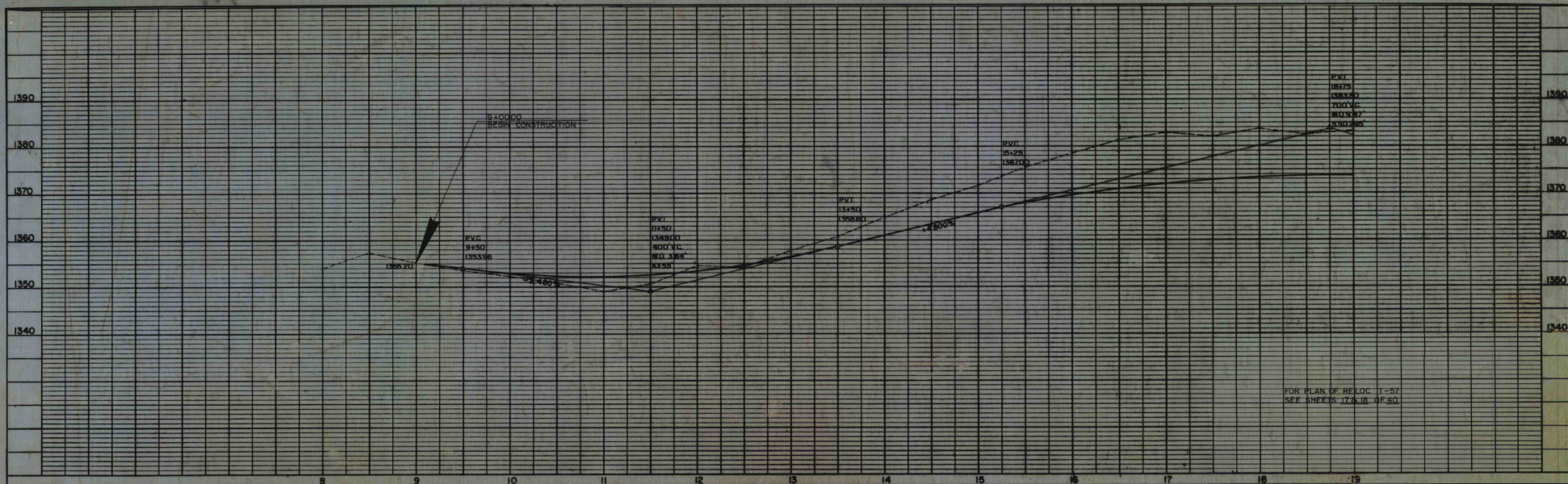
PROJECT NO. 10
 DRAWN BY: W. MARTIN
 CHECKED BY: H. H. HARRIS
 DATE: 5/6/67
 SCALE: 1" = 40' HORIZ. 1" = 10' VERT.
 SHEET NO. 39 OF 40



RELOCATED T 65

PROFILE SCALE
 HORIZ. 1" = 40' FEET
 VERT. 1" = 10' FEET

STATE OF VERMONT
 DEPARTMENT OF HIGHWAYS
 INTERSTATE PROJECT
 BROOKFIELD-WILLIAMSTOWN-BERLIN
 RELOCATED T-65
 PROFILE
 PORTER, O'BRIEN & ARMSTRONG
 CONSULTING ENGINEERS
 NEWARK, NEW JERSEY
 SURVEYED BY: W.M. INC. CHECKED BY: H.E.G.C. SCALE AS SHOWN
 DRAWN BY: W.M. INC. IN CHARGE: L.H.C. DATE: 8/1/67
 PROJECT NO. I 89-1 (20) SHEET 39 OF 40



R.O.W.
*1967^{#2}

Brookfield-Berlin
I-89-1 (20)^{#2}

R.O.W.
1967