

INDEX OF SHEETS

1	Title Sheet	
2-3	Typical Sheet	
4	Drainage and Item Quantity Sheet	
5	Grade and Earthwork Sheet	
6	R.O.W. Detail Sheet	
7-10	Plan and Profile Sheets	
11-12	Cattle Pass Extension Plan Sheet and Reinforcing Details Sheet	
13	SCB-DI-67 Details of WF Beam Bridges	1/24/68
14	A-60 Solid Rock Excavation (50 MPH. & Over)	12/21/67 R
15	B-1 Banking Tables	7/17/67 R
16	B-5 Typical Slope Grading	3/10/65
17	B-6 Muck Excavation	3/10/65
18	B-10 Embankment on a Slope	3/10/65
19	B-11 Methods of Slope Stabilization	3/10/65
20	D-2 Manholes and Underdrain	7/25/67 R
21	D-3 Treated Gutters and Jute Matting	7/19/67 R
22	D-4 Elbows and Flushing Basins	6/ 1/66 R
23	D-8 R.C. Drop Inlets with Grates and Covers	3/10/65
24	D-10 Drop Inlet Tops	3/10/65
25	D-11 Details of Grates and Covers	3/10/65
26	D-16 Cast Iron Grates	7/18/67 R
27	Blank	
28	E-31 Federal Aid Construction Identification Signs	8/21/67 R
29	E-32 Road Construction Approach Signs	1/ 8/67
30	E-34 On-Project Construction Signs	5/ 3/67 R
31	G-4 Marker Posts	12/30/65 R
32	Blank	
33	G-8 Three Cable Guard Rail w/ Light Steel Posts	3/21/68 R
34	G-7 Three Cable Guard Rail w/ Light Steel Posts	3/21/68 R
35	G-11 Standard Steel Beam Guard Rail w/Light Steel Posts	1/1/66
36	H-10 Metal Bin-Type Retaining Wall	3/10/65
37	H-1b Metal Bin-Type Retaining Wall	3/10/65
38	J-1 Boundary and Project Markers	3/10/65
39-63	Cross Sections	

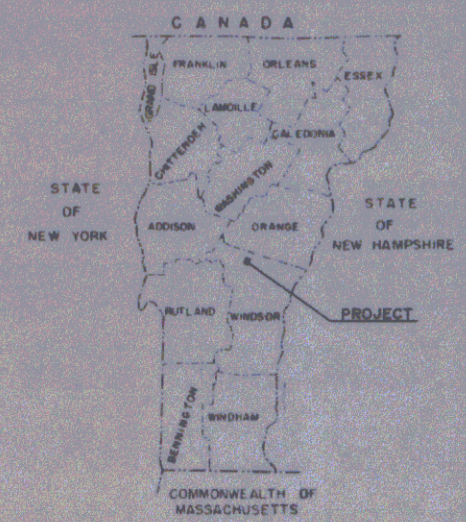
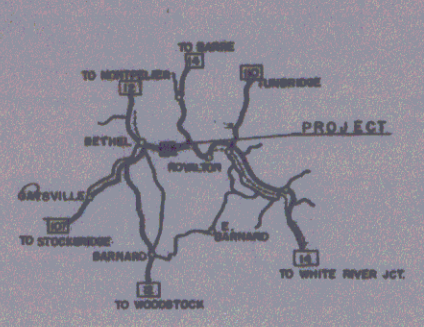
**STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
PROPOSED IMPROVEMENT**

**TOWN OF ROYALTON
COUNTY OF WINDSOR
VERMONT ROUTE 107
ROYALTON-BETHEL ROAD**

BEGINNING AT A POINT 1.551 MILES EASTERLY OF THE ROYALTON-BETHEL TOWN LINE AND EXTENDING WESTERLY 0.934 MILES.

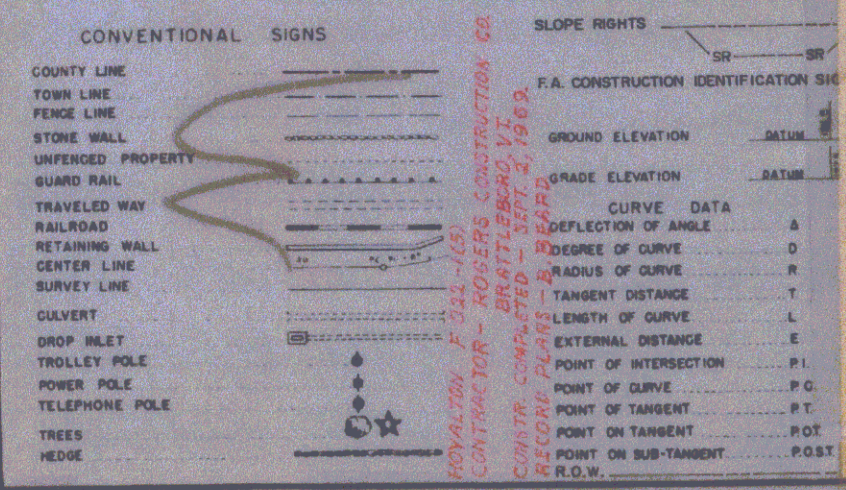
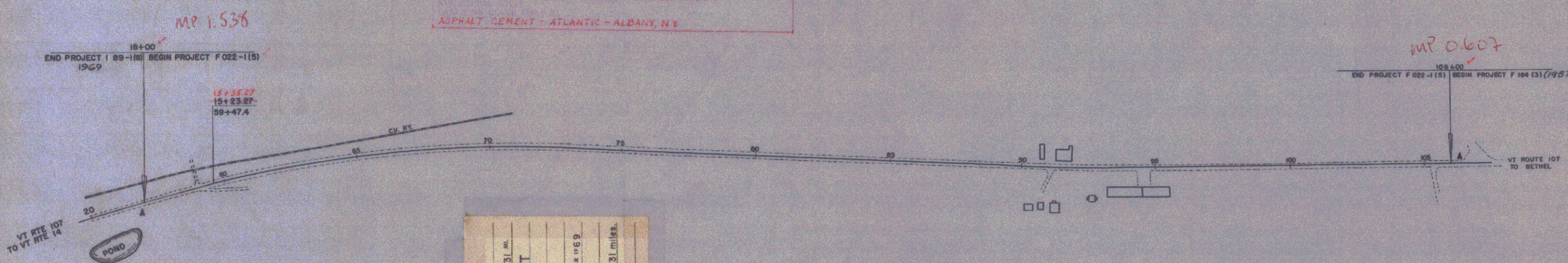
LENGTH OF PROJECT 4929.33 FEET = 0.934 MILE

ADT 1965	1425
ADT 1986	3760
DHW 1986	280
D T V	50%
	8%
	50 MPH.



ROYALTON FORDWAY BITUM. 6.560
 CONTRACTOR - ROGERS CONSTRUCTION CO. BRATTLEBORO, VT.
 CONTRACT NO. F 022-1(5)
 DATE: JAN. 16, 1969
 DESIGNER: R. H. CHASE
 DATE: SEPT. 2, 1968

ROYALTON FORDWAY BITUM. 6.560
 FORD PIT - ROYALTON, VT. EDDY PIT - BETHEL, VT.
 - MILLER QUARRY - ROYALTON, VT.
 - EDDY PIT - BETHEL, VT.
 - INKATON PAVING CORP. - WHITEHALL, N.Y.
 - MOBIL - ALBANY, N.Y.
 - ROCK OF AGES QUARRY - BETHEL, VT.
 - MILLER READY MIX - RANDOLPH, VT.
 - INKATON PAVING CORP. - WHITEHALL, N.Y.
 - VEARPOINT STRUCTURAL STEEL CORP. - DUNELINGTON, VT.
 - NORTH EASTERN CONCRETE CORP. - WESTMINSTER, VT.
 - E. T. BRADWOLD CO. - WHEATSTON, VT.
 - ELLEBARON FURNACE CO. - BROOKTON, MASS.
 - E. T. BRADWOLD CO. - WILLISTON, VT.
 ASPHALT CEMENT - ATLANTIC - ALBANY, N.Y.



ROYALTON F 022-1(5)
 BITUMINOUS CONCRETE PAVEMENT
 CONTRACTOR - ROGERS CONSTRUCTION CO.
 BRATTLEBORO, VT.
 Location Beginning at a Point 1.551 miles easterly of the Royalton-Bethel town line and extending westerly 0.934 miles.



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.

Single Stage Construction

DEPARTMENT OF TRANSPORTATION
 BUREAU OF PUBLIC ROADS
 Pin # 000017
 APPROVED: [Signature] DIVISION ENGINEER DATE: [Date]
 PROJECT F NO. 022-1 (5)
 SHEET 1 OF 63 SHEETS

APPROVED: [Signature] DATE: 10/20/66	APPROVED: [Signature] DATE: 10/27/66	APPROVED: [Signature] DATE: 10/20/66	APPROVED: [Signature] DATE: 10/27/66	APPROVED: [Signature] DATE: 10/27/66	APPROVED: [Signature] DATE: 10/27/66
--------------------------------------	--------------------------------------	--------------------------------------	--------------------------------------	--------------------------------------	--------------------------------------

POOR ORIGINAL COPY

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

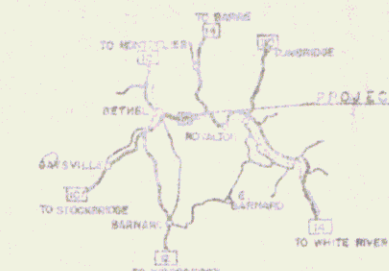
PROPOSED IMPROVEMENT

TOWN OF ROYALTON
COUNTY OF WINDSOR
VERMONT ROUTE 107
ROYALTON-BETHEL ROAD

BEGINNING AT A POINT 1.232 MILES EASTERLY OF
THE ROYALTON-BETHEL TOWN LINE AND EXTENDING
WESTERLY 0.625 MILES.

LENGTH OF PROJECT 3,300.00 FEET = 0.625 MILE.

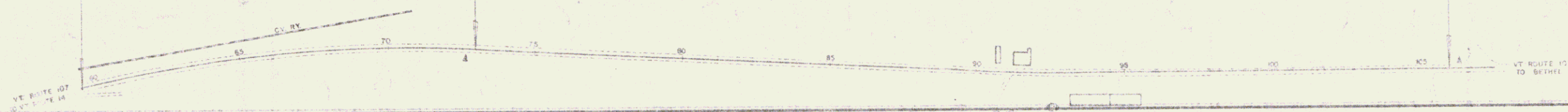
ADT 1965	1425
ADT 1959	3760
DHV 1986	280
D	50%
T	8%
V	50 MPH



31 25 07
SUBCOMMISSION 1 91-1161

73.00
PROJECT FASH 1044 (1930) BEGIN PROJECT F 0224-1151

1564.70
END PROJECT F 0224-1151 BEGIN PROJECT F 144131-1173



CONVENTIONAL SIGNS

- COUNTY LINE
- TOWN LINE
- FENCE LINE
- STONE WALL
- UNFENCED PROPERTY
- GUARD RAIL
- TRAVELED WAY
- RAILROAD
- RETAINING WALL
- CENTER LINE
- DIVERT LINE
- TURN
- PROP. W. L.
- UTILITY WALL
- POWER P.O.
- TELEPHONE POLE
- TREES
- WOOD

SLOPE RIGHTS

CR — ER

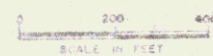
R.A. CONSTRUCTION IDENTIFICATION SIGNS

GROUND ELEVATION — DATUM — D LINE

GRADE ELEVATION — SAISON — G LINE

CURVE DATA

- DEFLECTION OF ANGLE — Δ
- DEGREE OF CURVE — D
- RADIUS OF CURVE — R
- TANGENT DISTANCE — T
- LENGTH OF CURVE — L
- EXTERNAL DISTANCE — E
- POINT OF INTERSECTION — PI
- POINT OF CURVE — PC
- POINT OF TANGENT — PT
- RIGHT OF WAY — R.O.W.
- POINT ON DISTANCE — P.O.D.



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

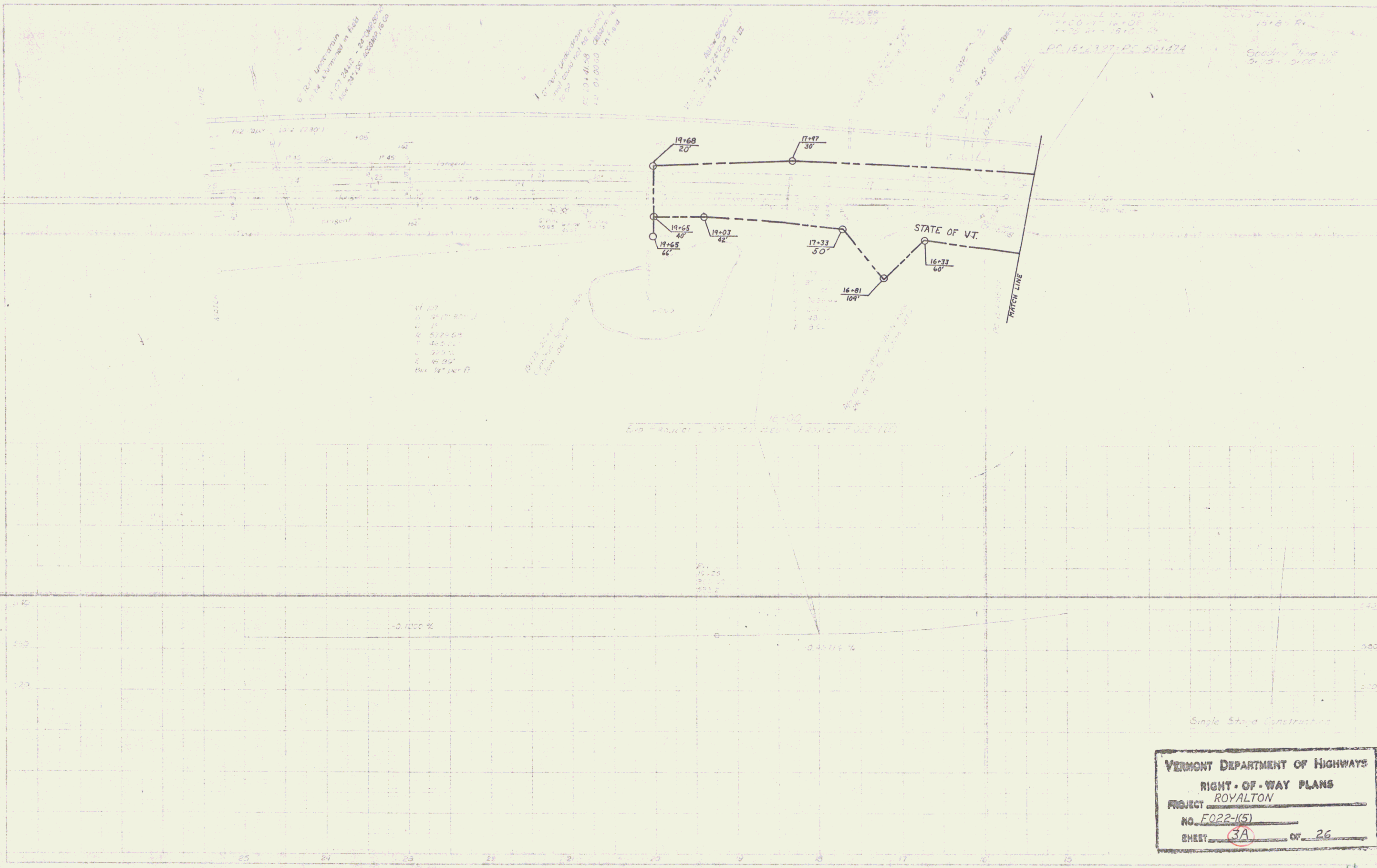
CONSTRUCTION IS TO BE ACCORDING TO ALL SPECIFICATIONS WITH
THEY SHALL BE THE STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGE
CONTRACTS IN THIS STATE. THE QUALITY OF THE WORK OF
CONSTRUCTION SHALL BE SUBJECT TO THE SUPERVISOR'S
APPROVED INSPECTIONS AND SHALL BE SUBJECT TO THE FIELD AND SPECIAL
INSPECTIONS BY THE ENGINEER OF PUBLIC ROADS.

DEPARTMENT OF GOVERNMENT
BUREAU OF PUBLIC ROADS

APPROVED: *[Signature]* DATE: 11/22/66
 APPROVED: *[Signature]* DATE: 11/22/66
 APPROVED: *[Signature]* DATE: 11/22/66
 APPROVED: *[Signature]* DATE: 11/22/66

1A 26

POOR ORIGINAL COPY



6' 0" 1/2" Unrecovered in Field
11.21.34.11 - 24.09.07
Box 331.50 60589.16.00

1' 0" 1/2" Unrecovered
11.21.34.11 - 24.09.07
Box 331.50 60589.16.00

1' 0" 1/2" Unrecovered
11.21.34.11 - 24.09.07
Box 331.50 60589.16.00

PC 15+2307-PC 55+474

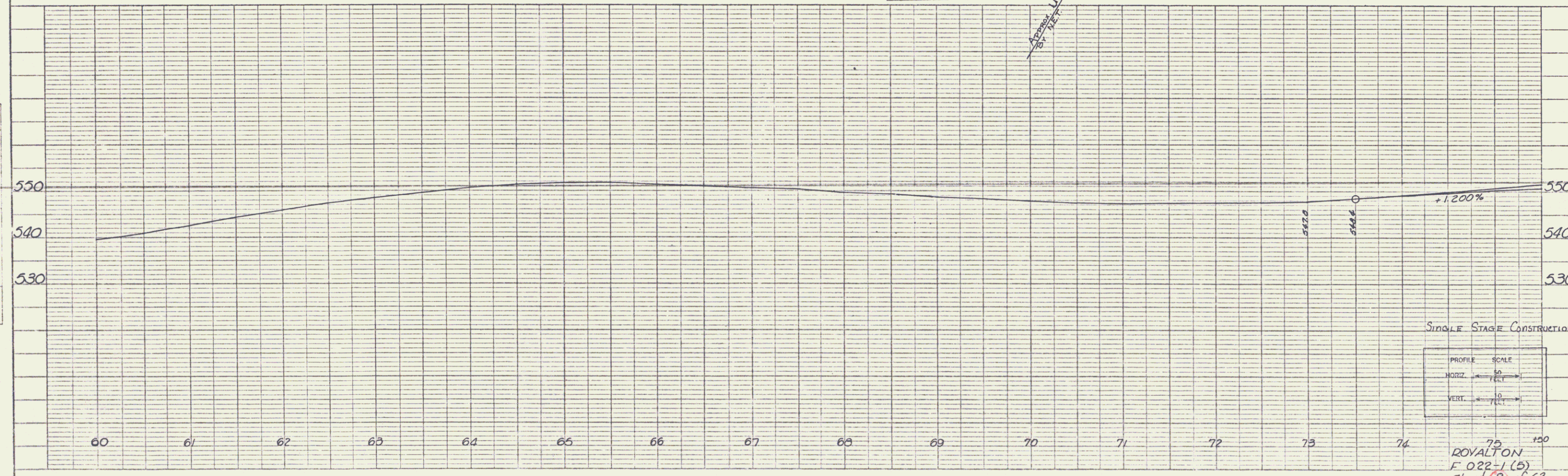
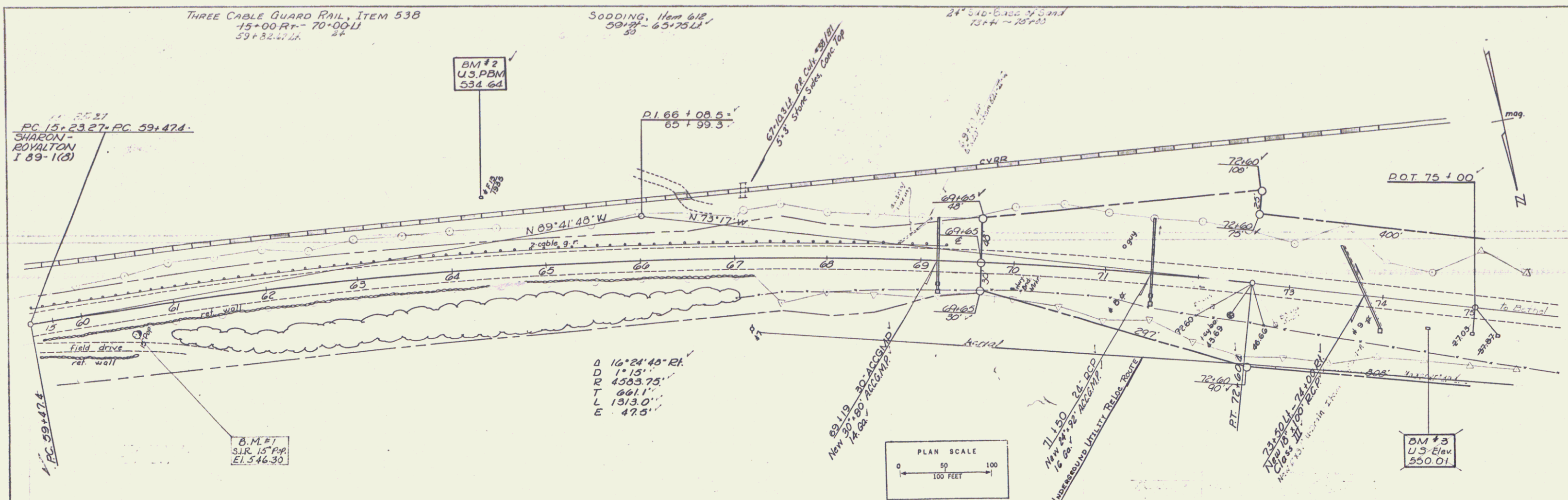
11.21.34.11
24.09.07
Box 331.50
60589.16.00

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT ROYALTON
NO. F022-1(5)
SHEET 3A OF 26

4

DATE	9/66
BY	Spaulding
NO.	7/66
TRACED	

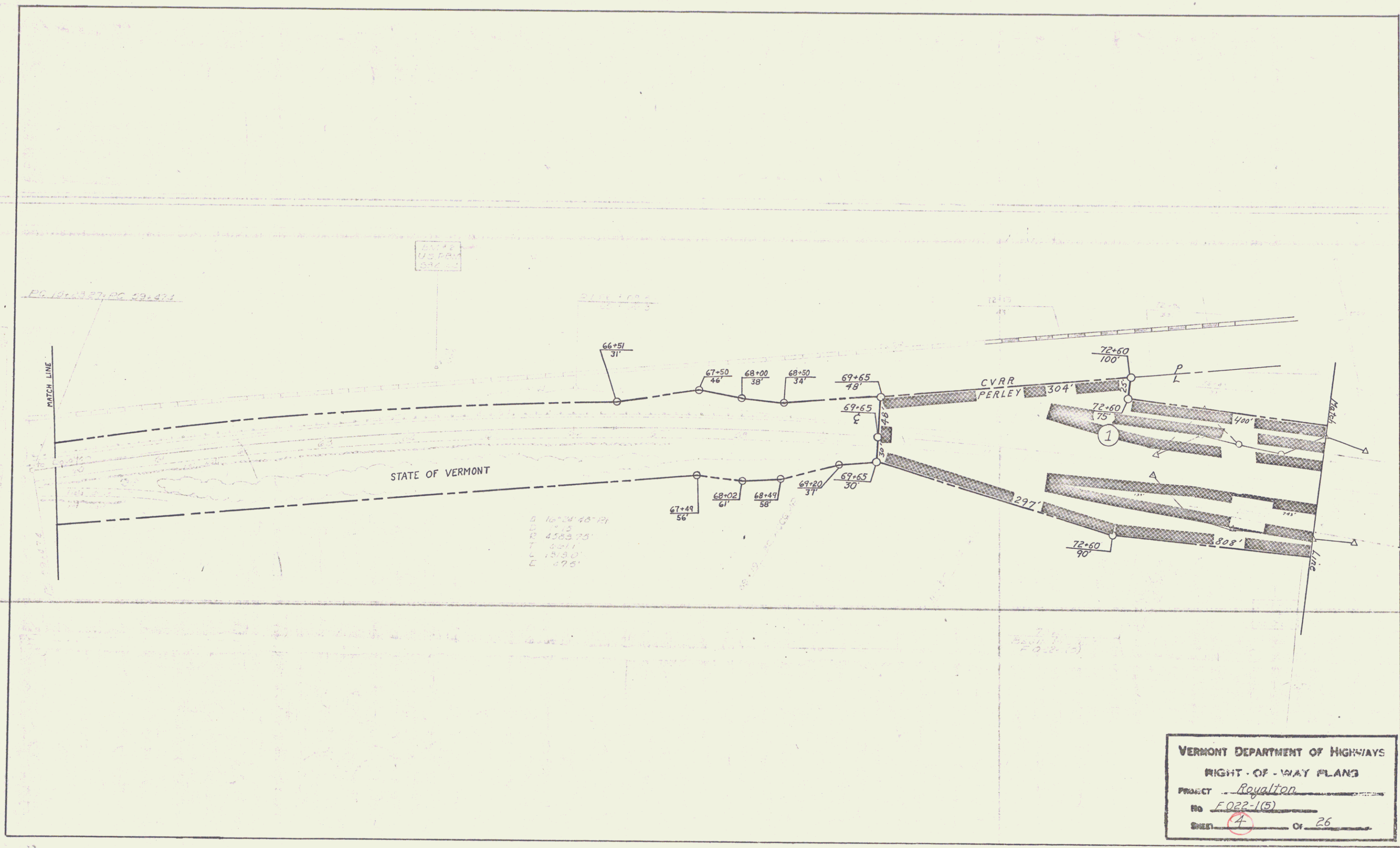
DATE	
BY	
NO.	
TRACED	



SINGLE STAGE CONSTRUCTION.

PROFILE SCALE
 HORIZ. 1" = 50'
 VERT. 1" = 10'

75
 ROYALTON
 F. 022-1(5)
 Sheet (B) of 63

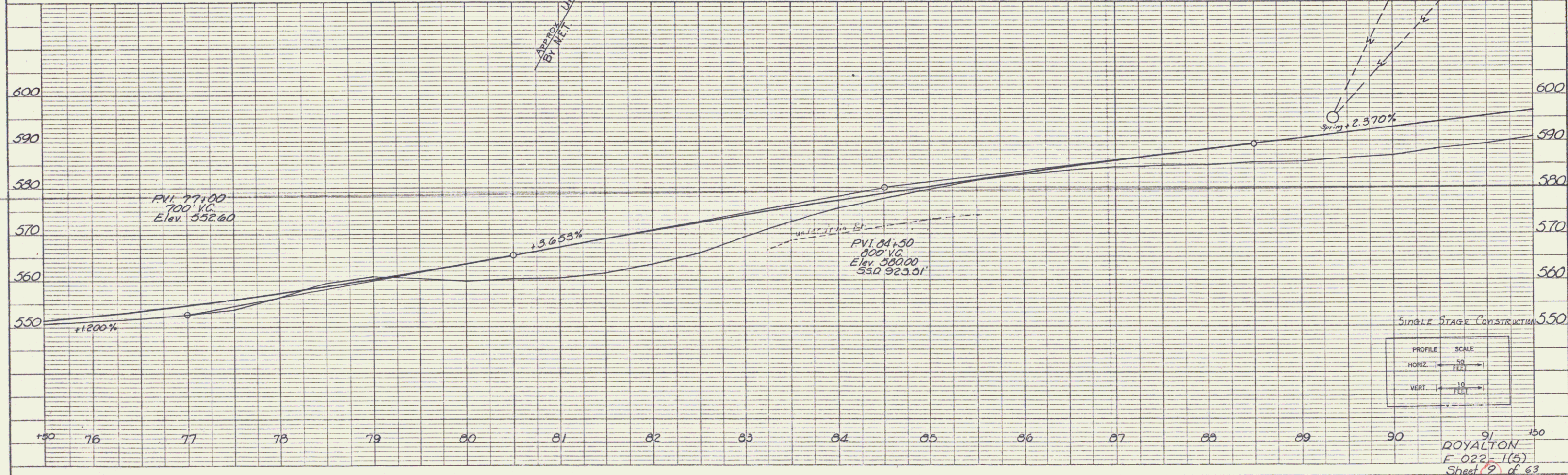
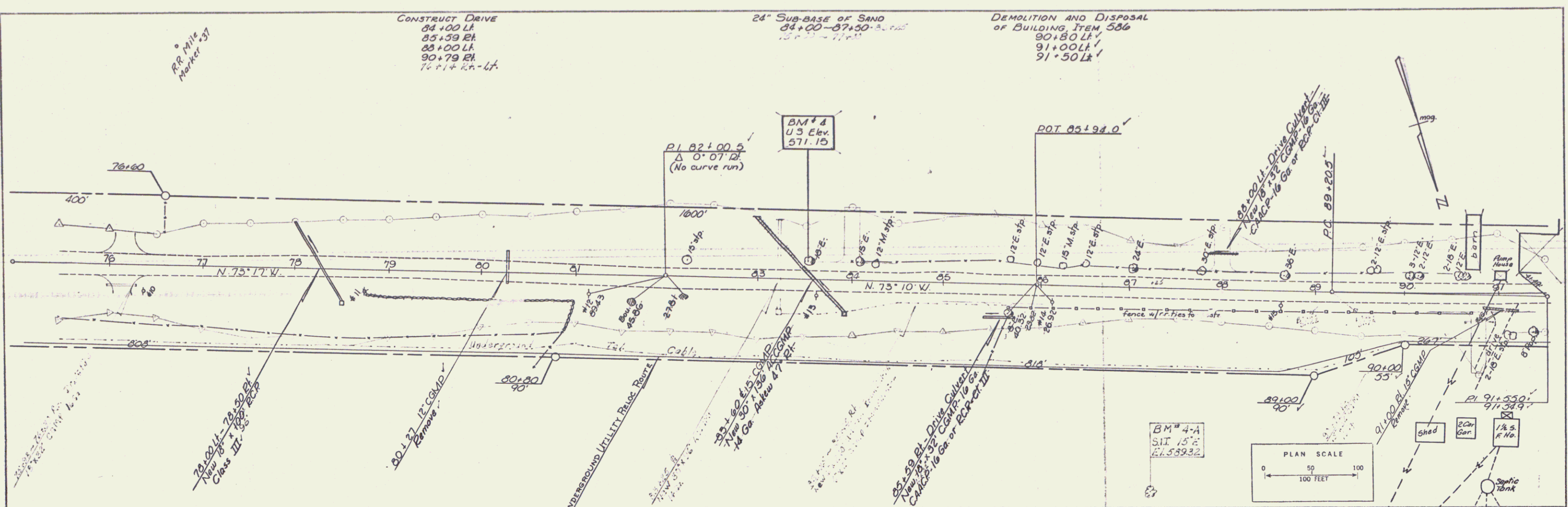


VERMONT DEPARTMENT OF HIGHWAYS
 RIGHT-OF-WAY PLANS
 PROJECT Royalton
 No. F.022-1(5)
 SHEET 4 OF 26

6

PLAN
 DATE: 9/88
 DRAWN BY: P.W.
 CHECKED BY: [Signature]
 PROJECT: [Signature]
 NO. 10420

PROFILE
 DATE: [Blank]
 DRAWN BY: [Blank]
 CHECKED BY: [Blank]
 PROJECT: [Blank]
 NO. [Blank]



SINGLE STAGE CONSTRUCTION
 PROFILE SCALE
 HORIZ. 50 FEET
 VERT. 10 FEET

ROYALTON
 F 022-1(5)
 Sheet 2 of 63

