

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

FIGURE NO. 100

TOWN OF BRADFORD

COUNTY OF ORANGE

U.S. ROUTE 5

Pin # 99R266

WHITE RIVER JCT-ST. JOHNSBURY ROAD

SECTION 12.2 POINT 115 MILES NORTH OF
ST. JOHNSBURY, VERMONT
LENGTH OF PROJECT 5,938.0 TOTAL MILES

ROW PLANS

POOR ORIGINAL COPY

project: FO41-3(4) STA 302+65 &

STA 304+50
BEGIN PROJECT
FO41-3(4)
MP 1.175

RIGHT-OF-WAY DIVISION
TOWN FILE

PERPETUAL

12th
Town of U.S.

(To Be Returned To R.O.W. Division)

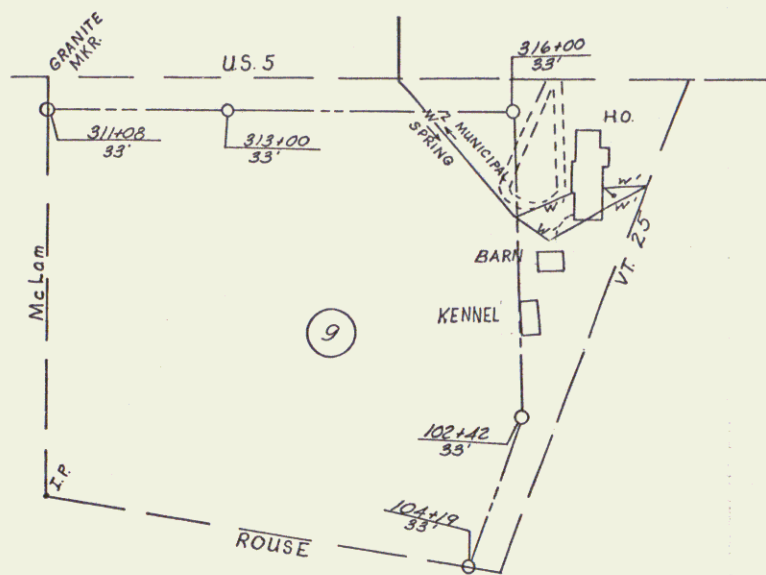
STA 362+00
END PROJECT
FO41-3(4)
MP 2.264

END ROW PLANS
FO41-3(4) STA 362+00 &

H. P. Morgan
ROW DIRECTOR
10-24-66

Property Owner John A. Gibbs
Parcel No. 9
Total Acreage 6.4 ± Acres
Taking 1.35 ± Acres
Remainder 5.05 ± Acres
Scale 1" = 100'

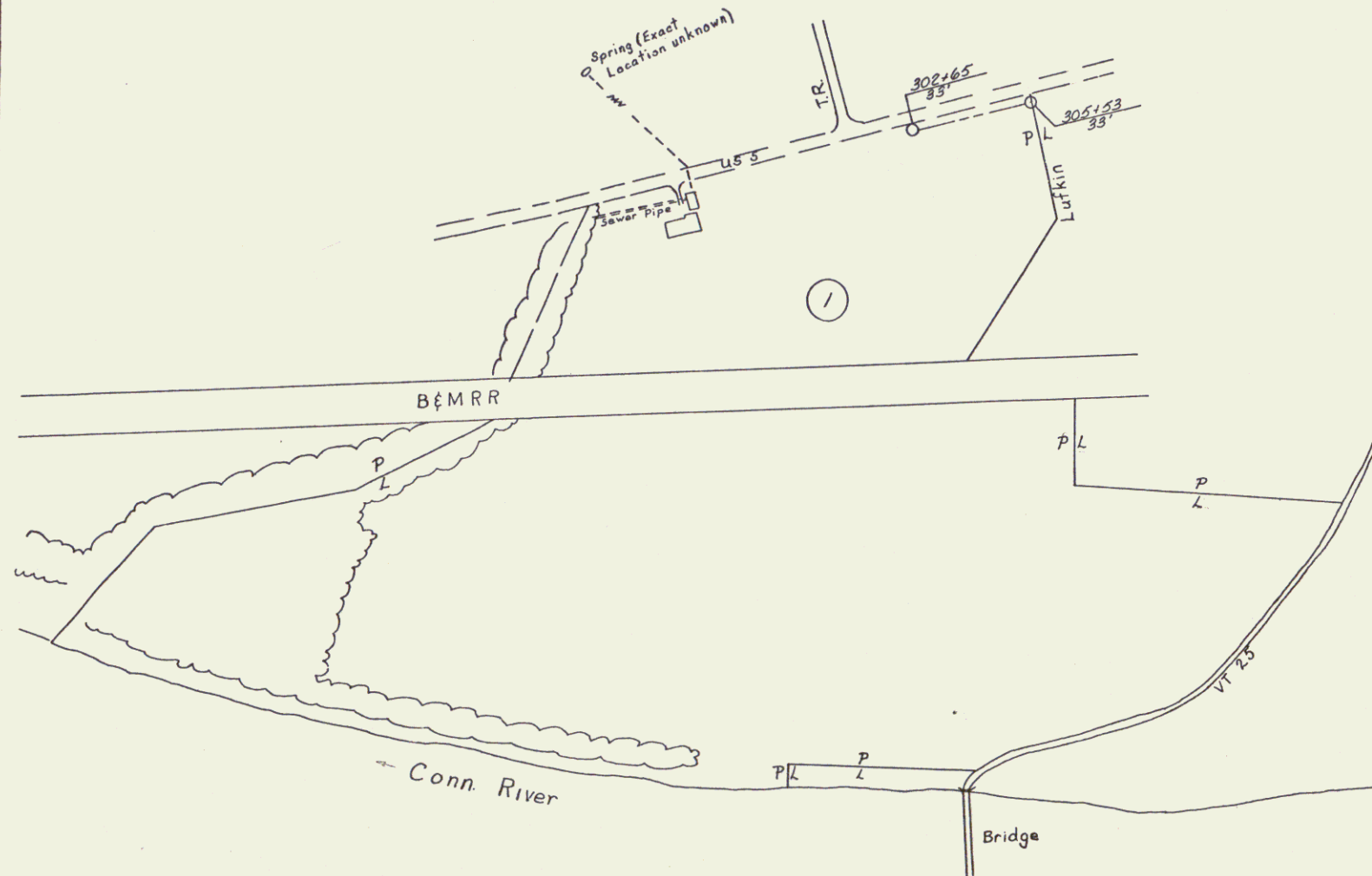
SCALE
0' 50' 100' 200'



W' 34'
W' 12'
SEPTIC TANK

Property Owner John A. & Mable Pierson
Parcel No. 1
Total Acreage 6.5 ± Acres
Taking 0.21 Acres
Remainder 6.29 Acres
Scale 1" = 200'

SCALE
0' 50' 100' 200'



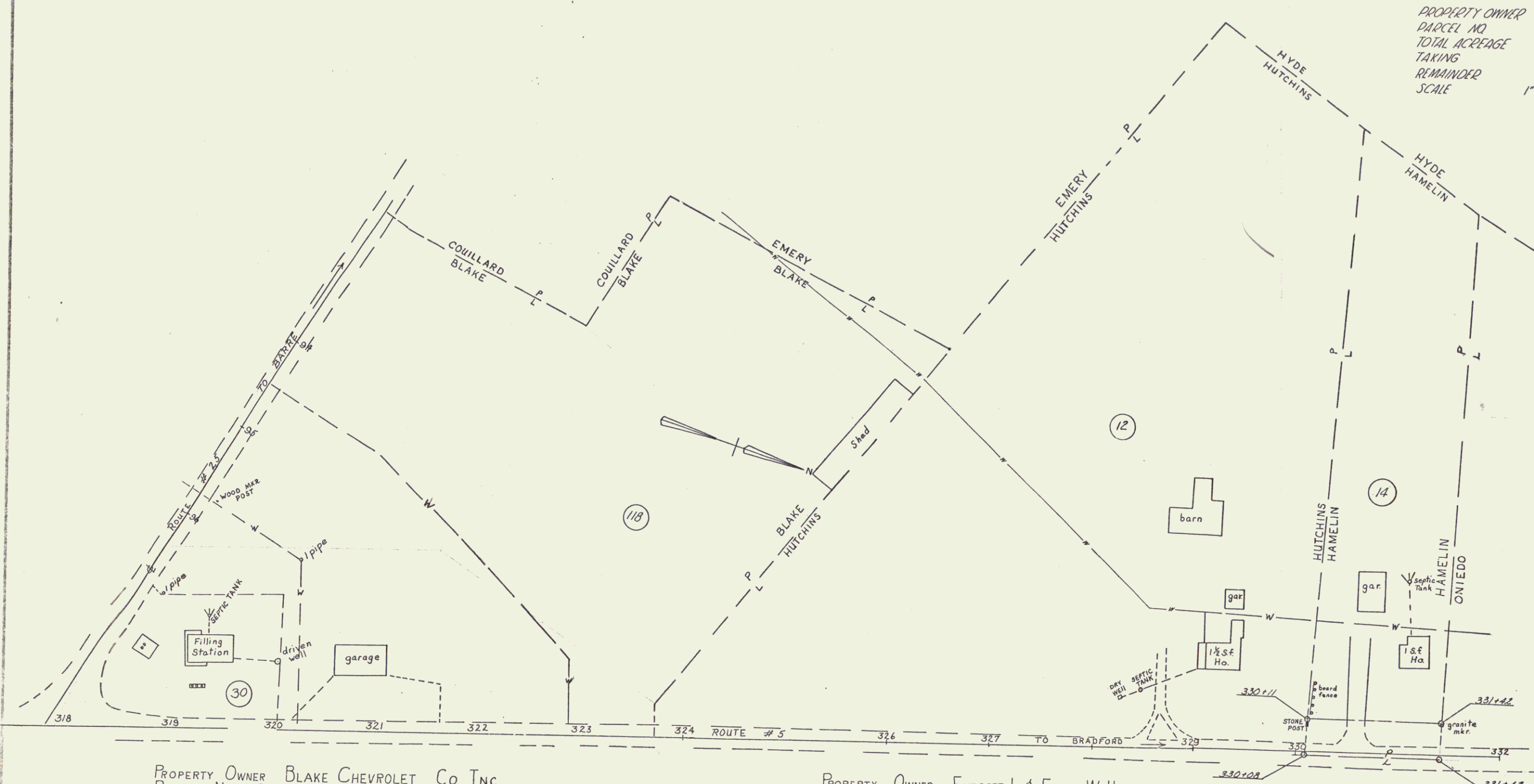
VERMONT DEPARTMENT OF HIGHWAYS

RIGHT-OF-WAY PLANS

PROJECT: BRAD FORD

NO. F041-341

SHEET: 9 OF 24

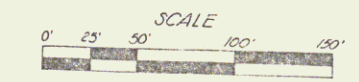


PROPERTY OWNER Ethan E. & Doris E. Hamelin
 PARCEL NO. 14
 TOTAL ACREAGE 1.7 A±
 TAKING 4356± S.F.
 REMAINDER 1.6± A
 SCALE 1" = 50'

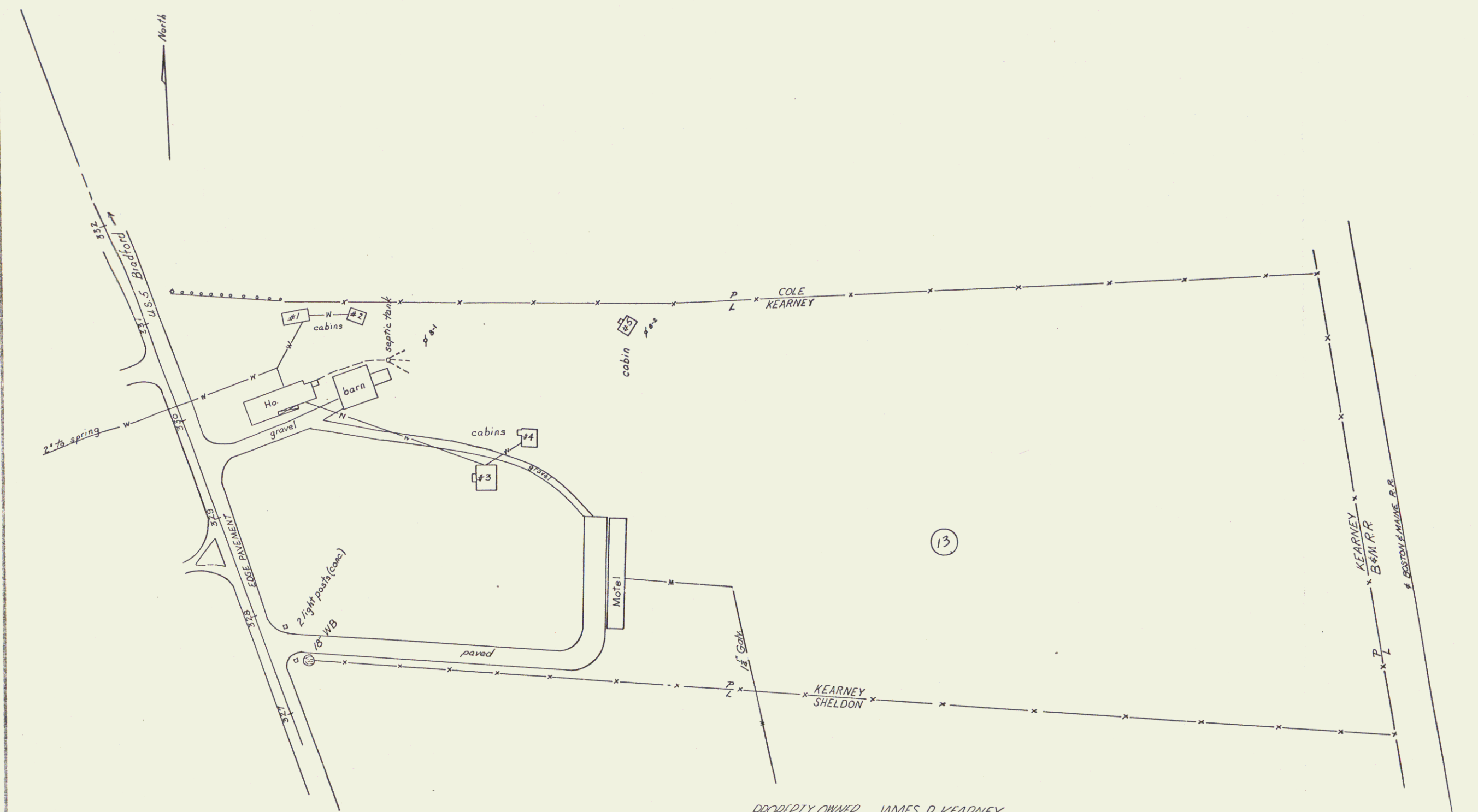
PROPERTY OWNER Blake Chevrolet Co. Inc.
 PARCEL No. 11B
 TOTAL ACREAGE 5.95 A±
 TAKING 0.28 A±
 REMAINDER 5.67 A±
 SCALE 1" = 50'

THE PORTION OF BLAKE'S PROPERTY EAST OF
 ROUTE #5 IS ON THE 50± AND IS NOT INCLUDED
 IN THE TOTAL ACREAGE FIGURE.

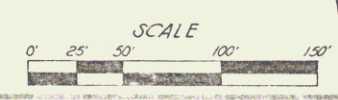
PROPERTY OWNER Everett L. & Floyd W. Hutchins
 PARCEL No. 12
 TOTAL ACREAGE 6.5 A±
 TAKING 0.52 A±
 REMAINDER 5.98 A±
 SCALE 1" = 50'



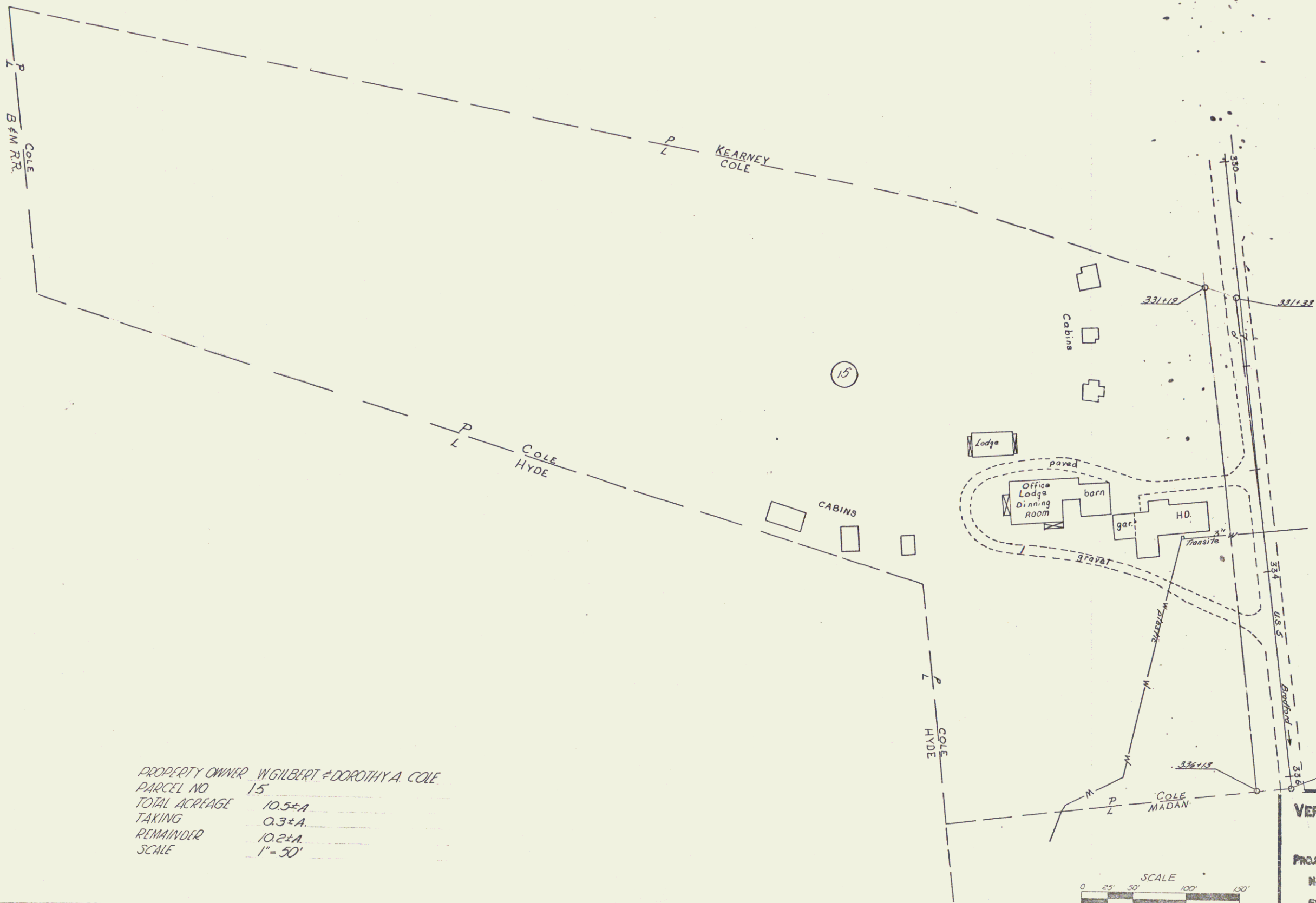
VERMONT DEPARTMENT OF HIGHWAYS
 RIGHT-OF-WAY PLANS
 PROJECT: BRADFORD
 NO. FO41-3(4)
 SHEET 21 OF 24



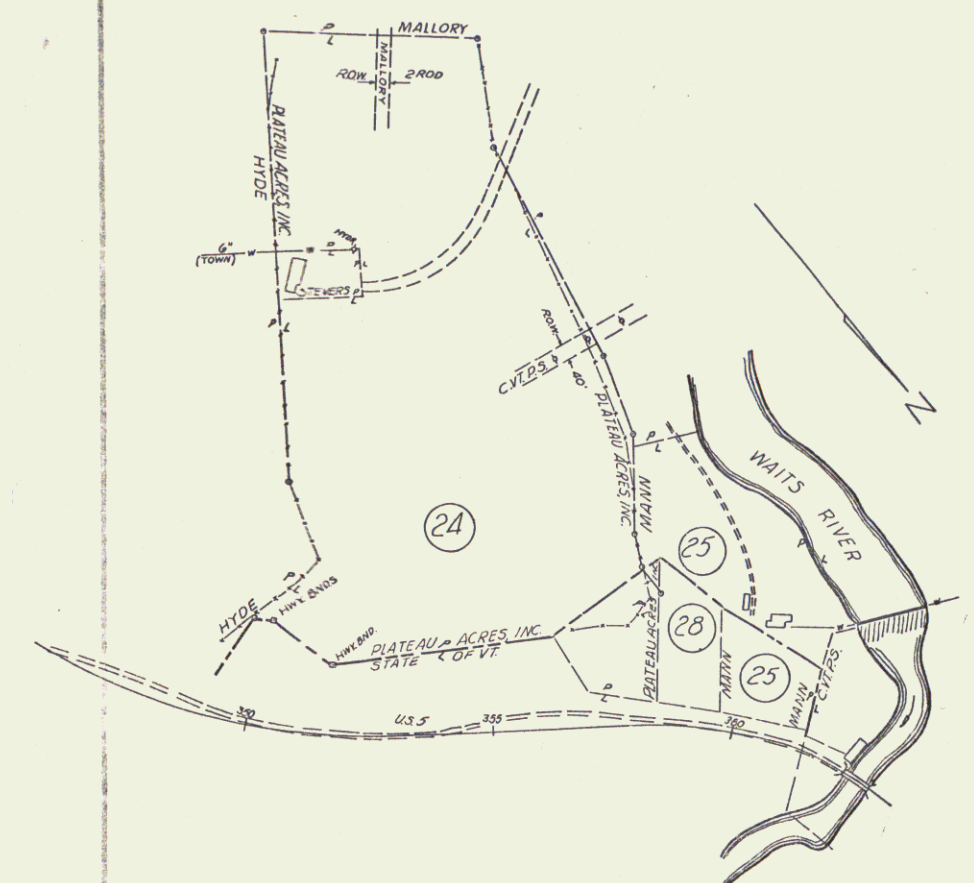
PROPERTY OWNER JAMES P. KEARNEY
 PARCEL NO 13
 TOTAL ACREAGE 9.79A±
 TAKING 0.27A±
 REMAINDER 9.52A±
 SCALE 1" = 30'



VERMONT DEPARTMENT OF HIGHWAYS
 RIGHT-OF-WAY PLANS
 PROJECT: BRADFORD
 No. FOA1-3(4)
 SHEET 12 Of 24

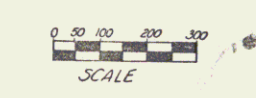


PROPERTY OWNER JUDITH H. MANN, EST.
 PARCEL NO. 25
 TOTAL ACREAGE 40A±
 TAKING 10A±
 REMAINDER 30A±



PROPERTY OWNER PLATEAU ACRES, INC.
 PARCEL NO. 24
 TOTAL ACREAGE 33.4A±
 TAKING 3.0A±
 REMAINDER 30.4A±

PROPERTY OWNER JUDITH H. MANN, EST. & PLATEAU ACRES, INC.
 PARCEL NO. 28
 TOTAL ACREAGE 0.9A±
 TAKING 0.9A±
 REMAINDER 0

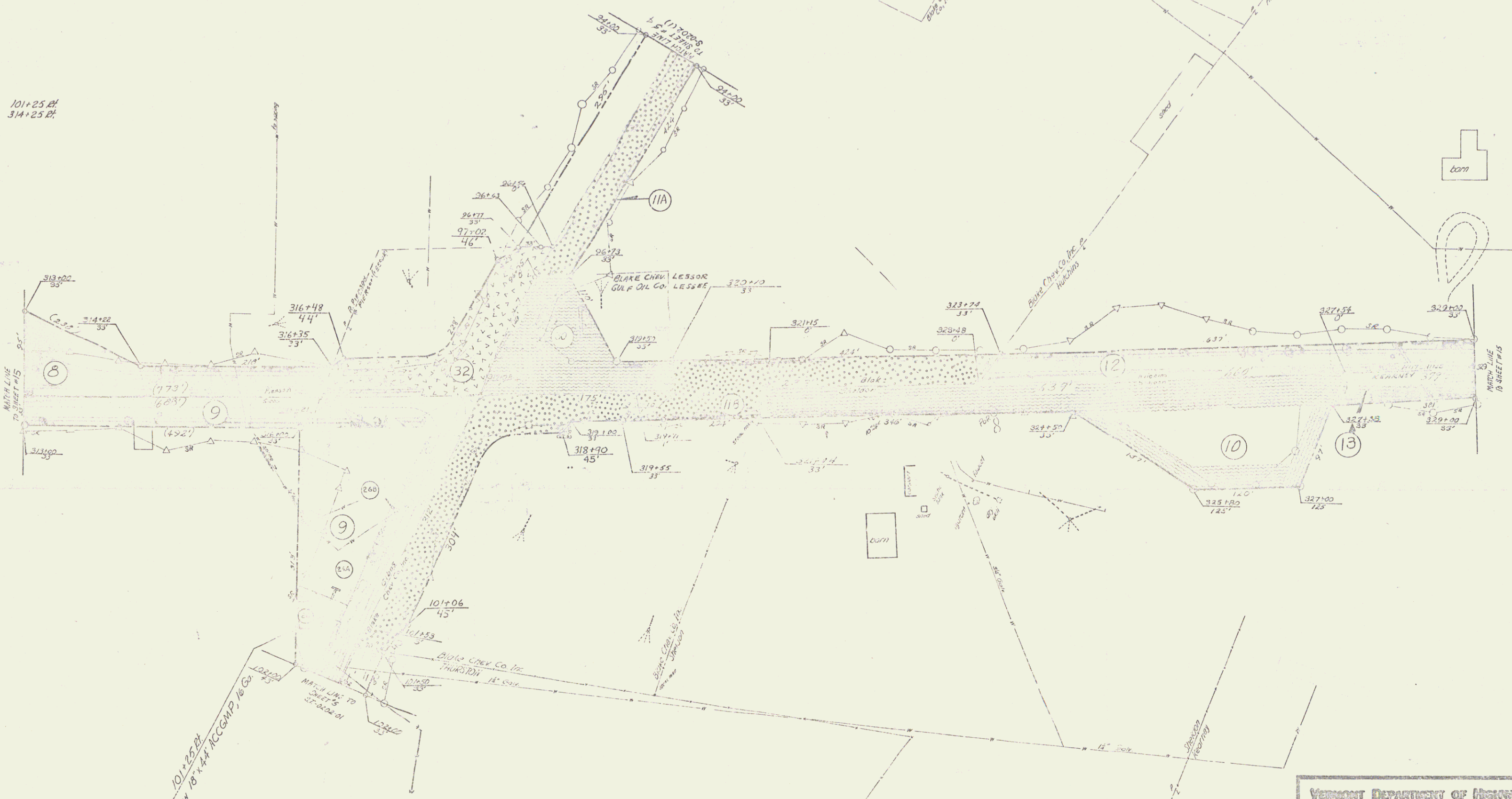


PROPERTY OWNER ARTHUR L. & FRANCES P. HYDE
 PARCEL NO. 22A, 22B, & 22C
 TOTAL ACREAGE 2722A± ACRES
 TAKING 651A± ACRES
 REMAINDER 270.73A± ACRES
 SCALE 1" = 400'



VERMONT DEPARTMENT OF HIGHWAYS
 RIGHT-OF-WAY PLANS
 PROJECT: BRADFORD
 NO. F041-3(4)
 SHEET 14 OF 24

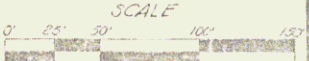
101+25.04
314+25.04



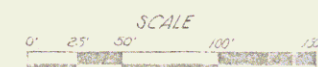
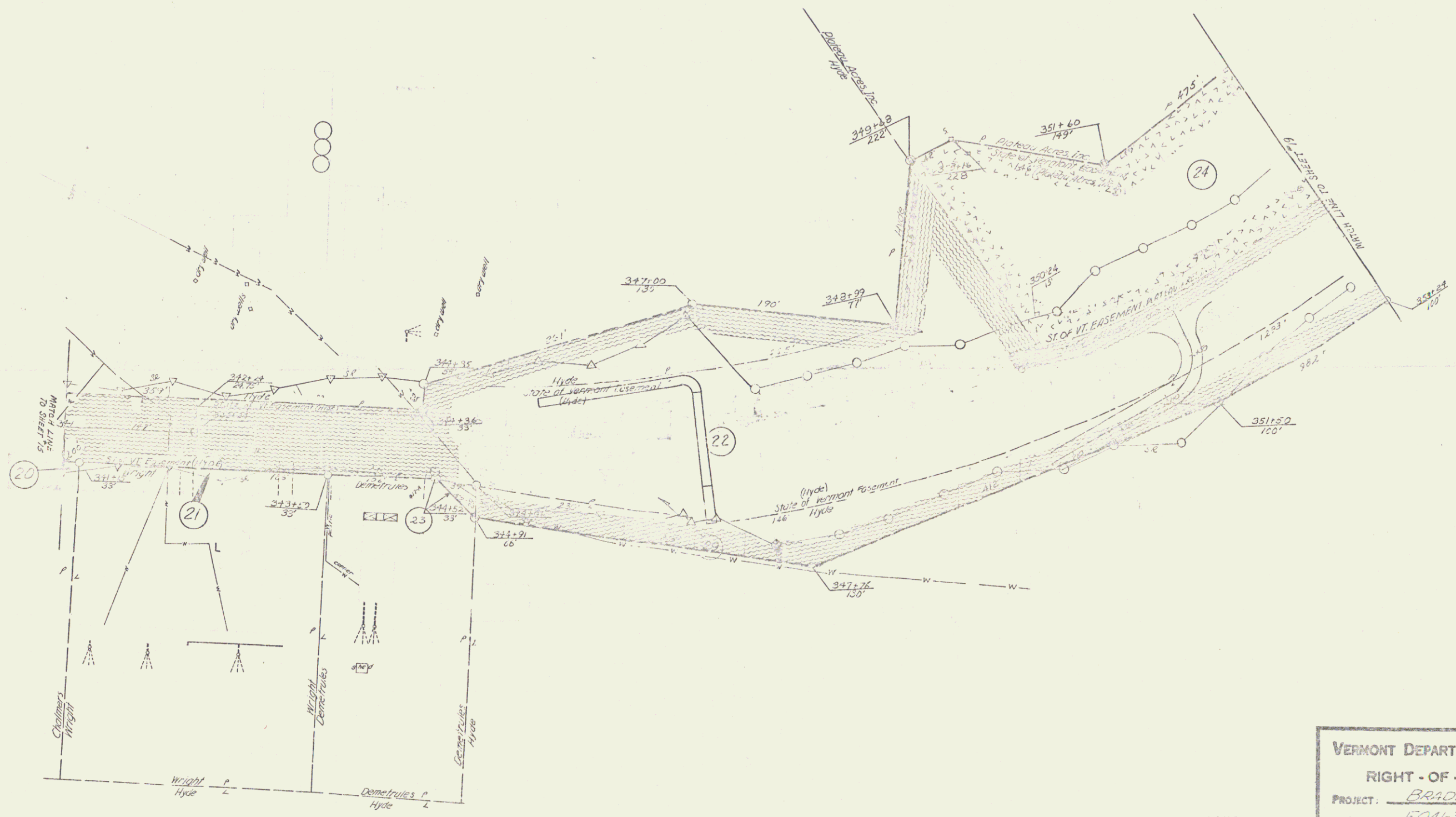
101+25.04
New 18' x 44' RCGMP, 16' Co.

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT BRADFORD
NO. E041-3(4)
SHEET 16 OF 24





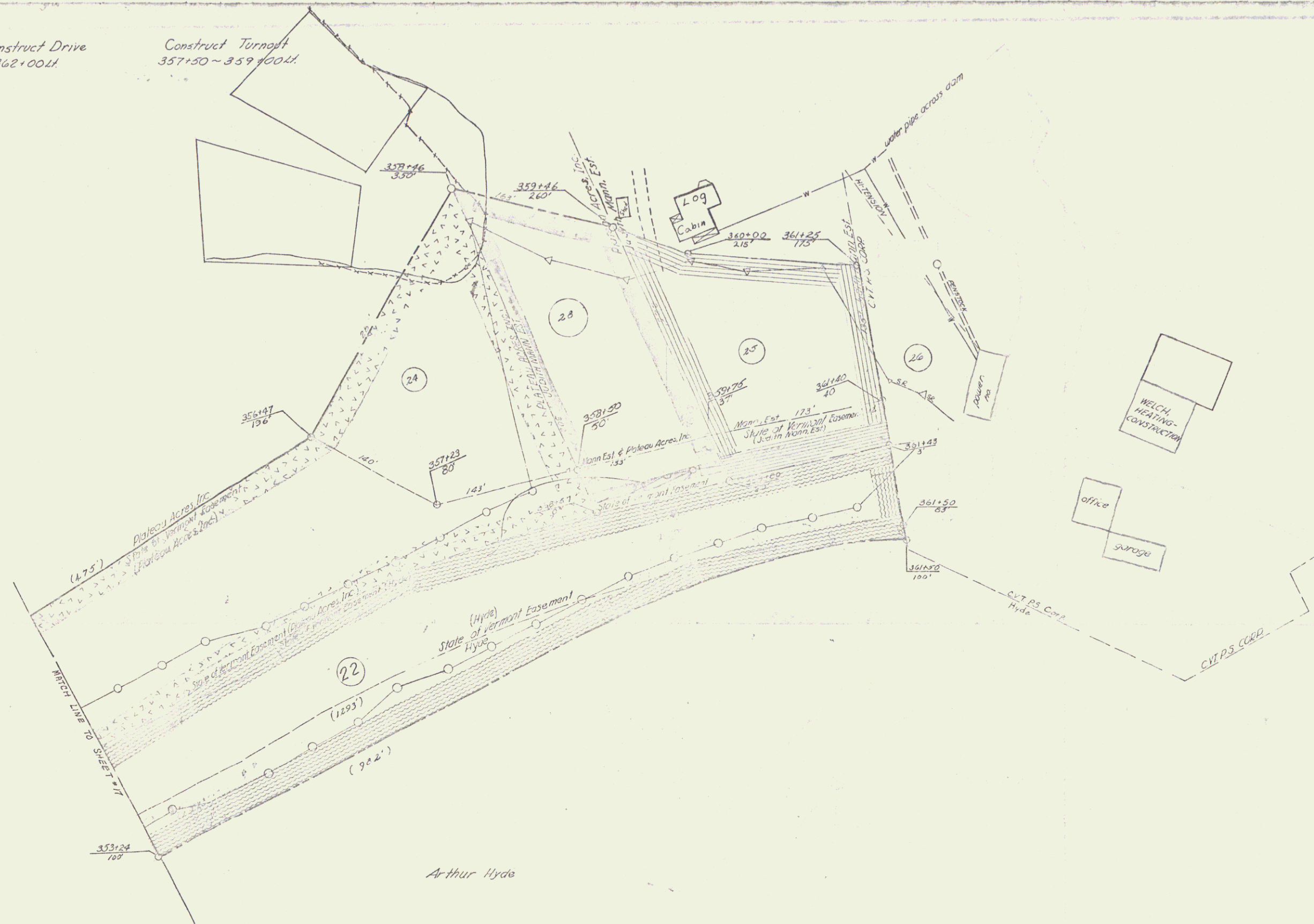
350100 ~ 351+50 RT



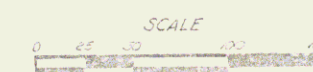
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: BRADFORD
NO: FO41-3(4)
SHEET: 18 OF 24

Construct Drive
362+00.41

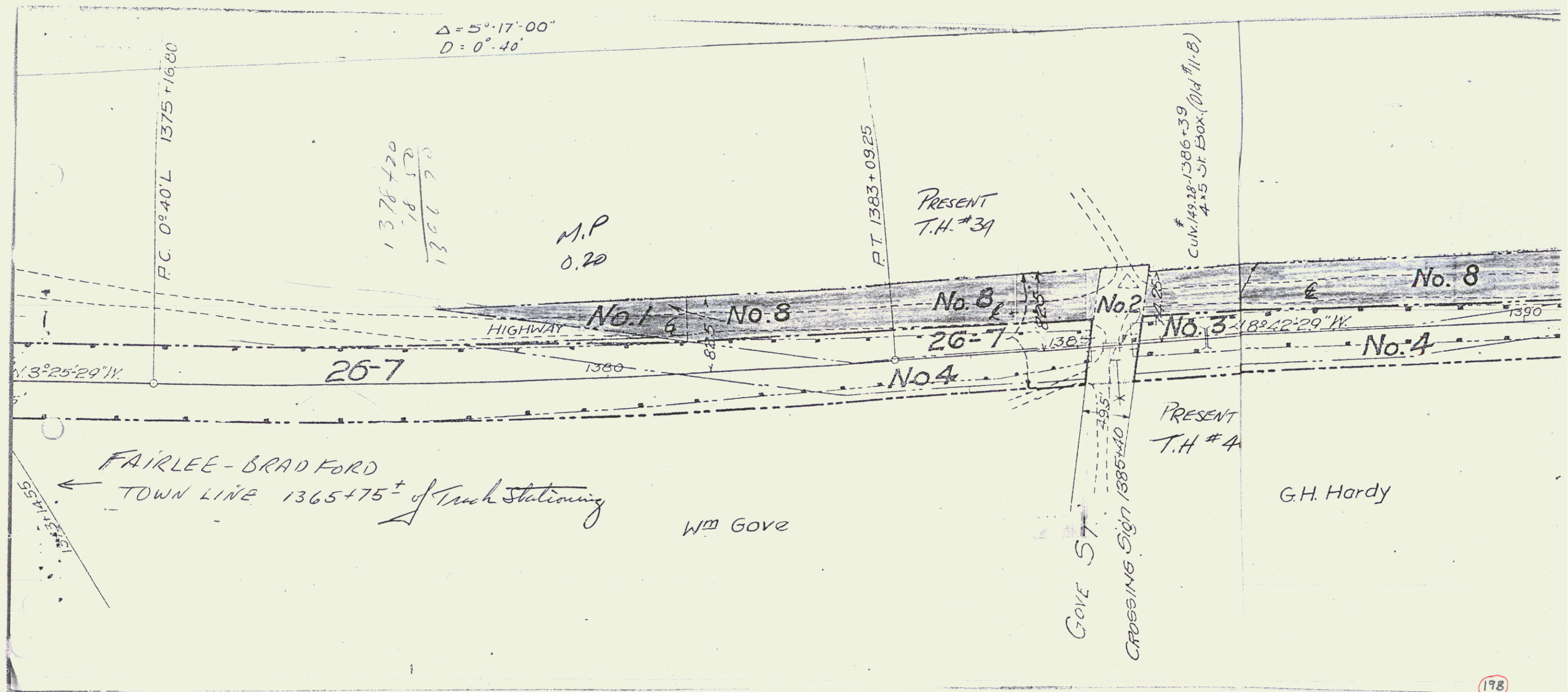
Construct Turnoff
357+50 ~ 359+00.41



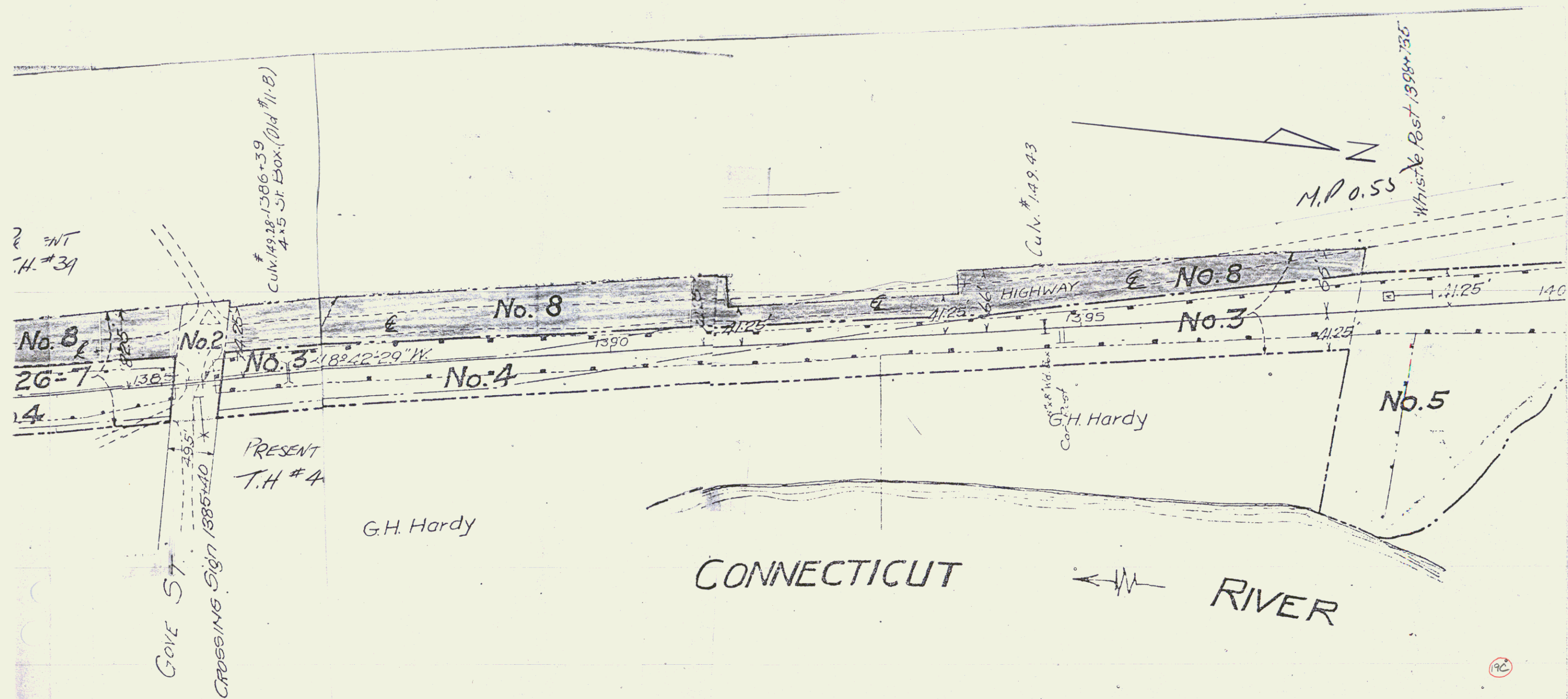
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT BRADFORD
No FO41-3(4)
SHEET 19 OF 24



Parcel No.	Custodians No.	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded Town of Bradford Book. Page. Date.	Remarks
26-7	C.P. 582	C. Award	Nov. 12 1846	Thomas C. Shaw	C. & P. R. R. Co.	11 20 Nov. 21 1846	
1	" "	" "	" " "	William Jones	"	" 42 " " "	
2	" 587	Agreement	Feb. 20 1847	Town of Bradford	"	" 279 June 2 1849	Right to cross Highway
3	" 582	C. Award	Nov. 12 1846	Daniel Messer et al.	"	" 21 Nov. 21 1846	
"	" 586	F. War.	" 15 1847	" " "	"	" 152 Jan. 19 1847	
4	" 587	Agreement	Feb. 20 " "	Town of Bradford	"	" 279 June 2 1849	Closing Highway
5	" 582	C. Award	Nov. 12 1846	Sylvanus Merrell	"	" 22 Nov. 21 1846	
6	" " "	" " "	" " "	Joseph Clark	"	" 23 " " "	
7	" " "	" " "	" " "	Daniel M. Pike	"	" 24 " " "	
8	" 587	Agreement	Feb. 20 1847	C. & P. R. R. Co.	Town of Bradford	" 279 June 2 1849	Dedicated to public use
1-22	543.2	Release	Nov. 7, 1946	Conn. & Pass. Rivers R.R. Co.	B. & M. R. R.	204 & 89-90 Nov. 12, 1946	Includes all properties on this sheet.
2-7	9400-A	Release	Feb. 1, 1949	B. & M. R. R.	New England Power Co.		Easement for flowage rights.



198



INDEX OF SHEETS

1. Title Sheet
2. Typical Sheet of Improvement, Bituminous Concrete Pavement, Item 361. Mod.
- 3-4. Summary of Items
- 5-6. Drainage—Top Detail, Summary
- 7-8. Earthwork and Grades
- 9-10. R.O.W. Detail Sheet
- 11-12. Plan and Profile
- 13-14. Details of Corr. Metal Plate Arch at 307+00 (Cattle Pass)
15. Detail of Steel Beam Guard Rail and Three Cable Guard Rail Connector
- 16-17. Blank
18. Traffic Sign Location Sheet
19. Traffic Sign Design and Detail Sheet
20. Traffic Sign Yielding Type Ground Mounted Steel Supports
21. Overhead Plywood Sign Assembly and Construction Details
22. Overhead Traffic Sign Support Station 316+00
23. Overhead Traffic Sign Support Station 319+00
24. A-10 Typical Section in Solid Rock
25. B-1 Banking
26. B-2 Typical Slope Grading
27. B-3 Embankment on a Slope
28. B-4 Slope Stabilization
29. C-1 Cuts
30. C-2 Retaining Walls, C.R.M., Underdrain
31. D-1 Gutters, Jute Matting
32. D-2 Flushing Basins
33. D-3 Reinf. Conc. Drop Inlets for Ditches
34. D-4 Drop Inlets
35. D-5 Drop Inlet Tops
36. D-6 Drop Inlet Tops
37. D-7 Grates
38. D-8 Gutter Basins
39. D-9 Precast Conc. G.D.I. and Grates
- 40-41. Blank
42. E-1 Interstate Route Markers and Auxiliary Markers 11/6/70 R
43. E-2 US Route Markers and Auxiliary Markers 3/10/71 R
44. E-3 State Route Markers and Auxiliary Markers 3/10/71 R
45. E-4 Regulatory Signs 6/12/63 R
46. E-5 Regulatory Signs 8/12/63 R
47. E-6 Warning Signs 12/18/64 R
48. E-7 Guide Signs 11/4/70 R
49. E-8 Guide Signs 12/18/64 R
50. E-9 Detour Signs, Hazard Markers and Mileposts 11/7/67 R
51. E-10 Yielding Type Tubular Aluminum Sign Supports 2/23/68 R
52. E-11 Standard Sign Placement Non-Expressway Type 2/4/68 R
53. E-12 Medium Construction Identification Signs 2/4/71 R
54. E-13 Road Construction Approach Sign 1/4/67 R
55. E-14 On Project Construction Signs 5/3/67 R
56. G-1 Standard Steel Beam Guard Rail 4/20/70 R
57. G-2 Marker Posts, Plym Guard Rail 12/20/65 R
58. G-3 Three Cable Guard Rail, Anchors 4/20/70 R
59. G-4 Three Cable Guard Rail, Anchors 4/20/70 R
60. G-5 Anchors for Steel Beam Guard Rail 10/8/68 R
61. J-1 Project and Boundary Markers 3/10/65 R
- 62-63. Blank
- 64-100. Cross Sections

STATE OF VERMONT DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

FEDERAL AID PROJECT

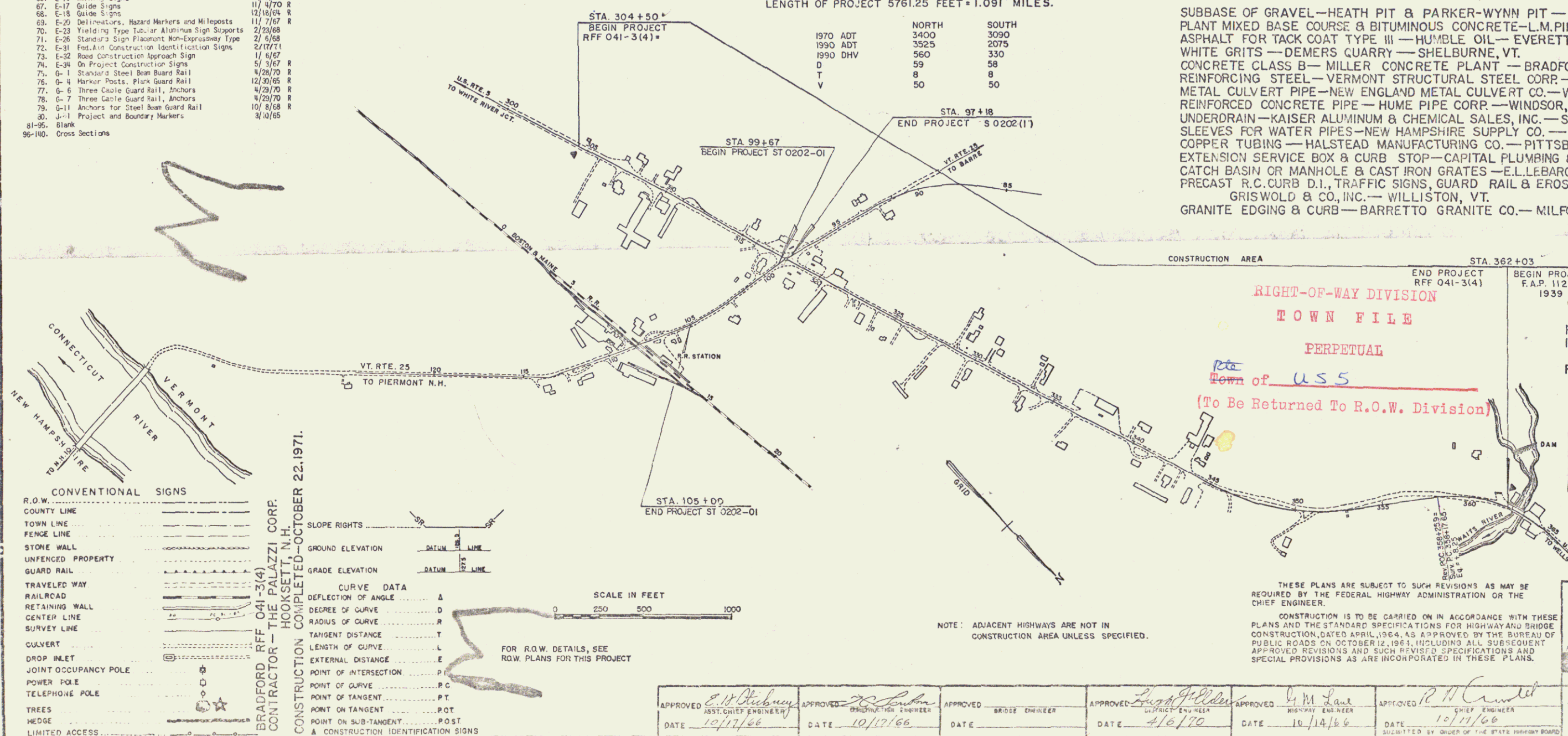
TOWN OF BRADFORD COUNTY OF ORANGE U.S. ROUTE 5 WHITE RIVER JCT. - ST. JOHNSBURY ROAD

BEGINNING AT A POINT 1.171 MILES NORTH OF
THE FAIRLEE-BRADFORD TOWN LINE AND
EXTENDING NORTHERLY 1.091 MILES.
LENGTH OF PROJECT 5761.25 FEET = 1.091 MILES.

RECORD PLANS
MATERIALS
PAVEMENT AREA
15,363 S.Y.

SUBBASE OF GRAVEL—HEATH PIT & PARKER-WYNN PIT — PIERMONT, N.H.
PLANT MIXED BASE COURSE & BITUMINOUS CONCRETE—L.M. PIKE PLANT — W. LEBANON, N.H.
ASPHALT FOR TACK COAT TYPE III — HUMBLE OIL — EVERETT, MA.
WHITE GRITS — DEMERS QUARRY — SHELBOURNE, VT.
CONCRETE CLASS B — MILLER CONCRETE PLANT — BRADFORD, VT.
REINFORCING STEEL — VERMONT STRUCTURAL STEEL CORP. — BURLINGTON, VT.
METAL CULVERT PIPE — NEW ENGLAND METAL CULVERT CO. — WHITE RIVER JCT., VT.
REINFORCED CONCRETE PIPE — HUME PIPE CORP. — WINDSOR, VT.
UNDERDRAIN — KAISER ALUMINUM & CHEMICAL SALES, INC. — SCHENECTADY, N.Y.
SLEEVES FOR WATER PIPES — NEW HAMPSHIRE SUPPLY CO. — MANCHESTER, N.H.
COPPER TUBING — HALSTEAD MANUFACTURING CO. — PITTSBURG, PA.
EXTENSION SERVICE BOX & CURB STOP — CAPITAL PLUMBING & SUPPLY CO. — CONCORD, N.H.
CATCH BASIN OR MANHOLE & CAST IRON GRATES — E.L. LEBARON FOUNDRY CO. — BROCKTON, MA.
PRECAST R.C. CURB D.I., TRAFFIC SIGNS, GUARD RAIL & EROSION CONTROL ITEMS — S.T. GRISWOLD & CO., INC. — WILLISTON, VT.
GRANITE EDGING & CURB — BARRETTO GRANITE CO. — MILFORD, N.H.

CONTRACT
DATED—MAY 13, 1971.
STARTED—MAY 14, 1971.
COMPLETED—OCTOBER 22, 1971.
ACCEPTED—OCTOBER 22, 1971.
CONTRACTOR—THE PALAZZI CORP.
HOOKSETT, N.H.
RES. ENG.—LEON TESSIER.
INSPECTORS—J. COUTURE, R. TOFANI,
A. BOYD & F. HALL, JR.
RECORD PLANS—N.E. MURRAY.

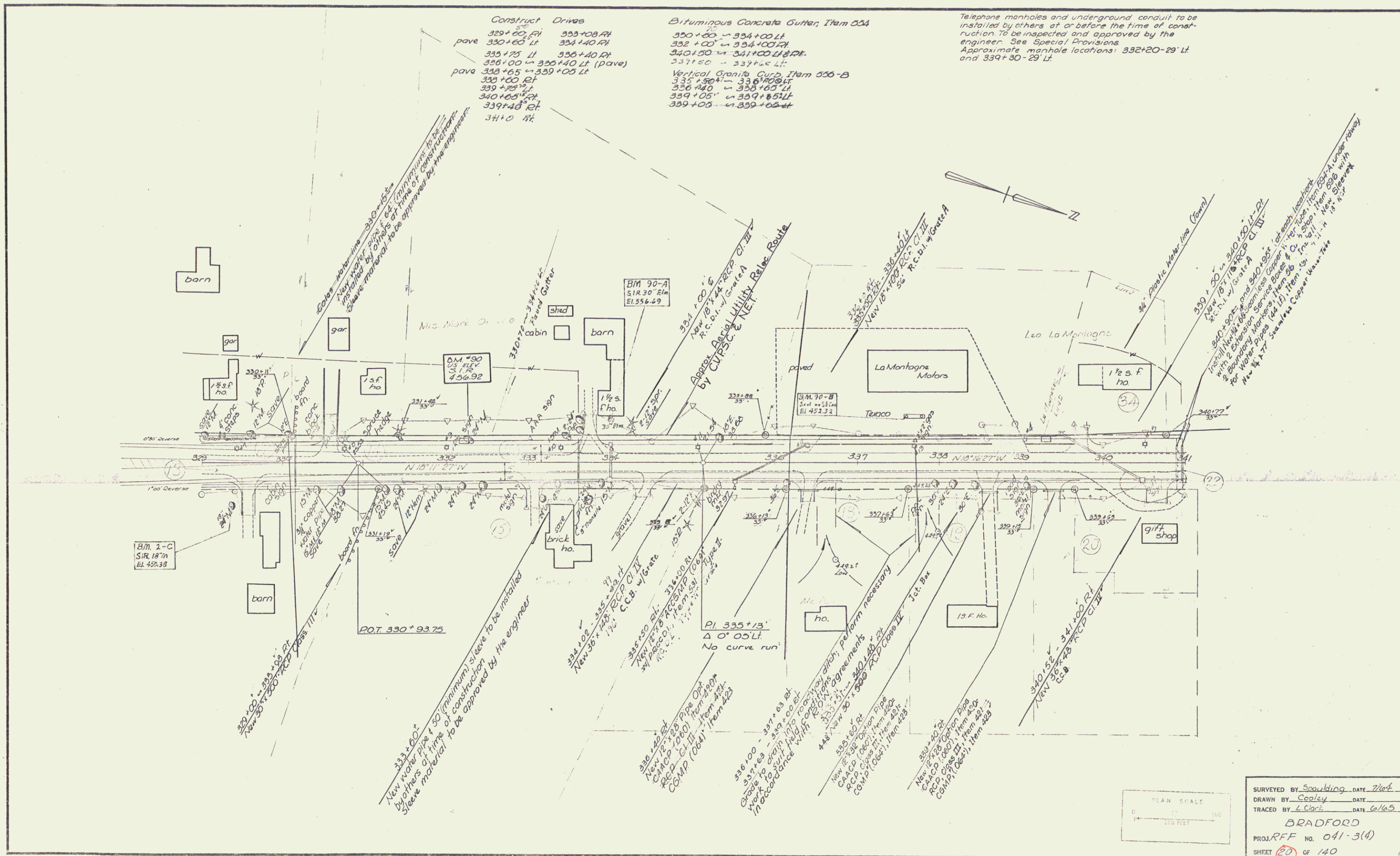


NOTE: ADJACENT HIGHWAYS ARE NOT IN
CONSTRUCTION AREA UNLESS SPECIFIED.

THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE
REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE
CHIEF ENGINEER.
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 BOARD OF
PUBLIC ROADS ON OCTOBER 12, 1963, INCLUDING ALL SUBSEQUENT
APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND
SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
APPROVED	DATE
DIVISION ENGINEER	
PROJECT REF. NO.	041-3(4)
SHEET	1 OF 140 SHEETS

APPROVED DATE 10/17/66	APPROVED DATE 10/17/66	APPROVED DATE 10/17/66	APPROVED DATE 10/17/66	APPROVED DATE 10/17/66	APPROVED DATE 10/17/66
CHIEF ENGINEER	DESIGNING ENGINEER	BRIDGE ENGINEER	UTILITY ENGINEER	HIGHWAY ENGINEER	CHIEF ENGINEER



Removal and Disposal of
Present Guard Rail, Item 549
347+00 - 349+90 Rt.

Vertical Curvature, Item 550-B
347+00 - 349+90 Rt.
347+00 - 349+90 Rt.
347+00 - 349+90 Rt.

Construct Drive
342+10 Rt.
343+00 Lt.
343+10 Rt.
(pave) 343+50 - 343+85 Rt.
(pave) 344+10 - 344+40 Rt. (pave)
344+10 - 344+40 Rt.
350+00 - 351+50 Rt.
(1.50 Lt. of drive at 351+50 Rt.
(Refer to X-sections).

Bituminous Concrete Gutter, Item 554

341+00 - 343+20 Rt.
341+00 - 342+00 Lt.

Sodding, Item 612
344+10 - 347+00 Lt.
344+10 - 346+20 Lt.

R.O.W. Bid Items
Unclassified Channel Excavation
Item 108-C
345+00 - 347+35 Lt.
Structure Excavation, Item 109
347+00

Three Cable Guard Rail w/ Light Steel Posts, Item 538

345+25 - 347+97 Lt.
346+82 - 351+00 Rt.
350+50 - 353+00 Lt.
351+00 - 353+00 Rt.

Stone Fill for Slope Protection (Light Type), Item 512

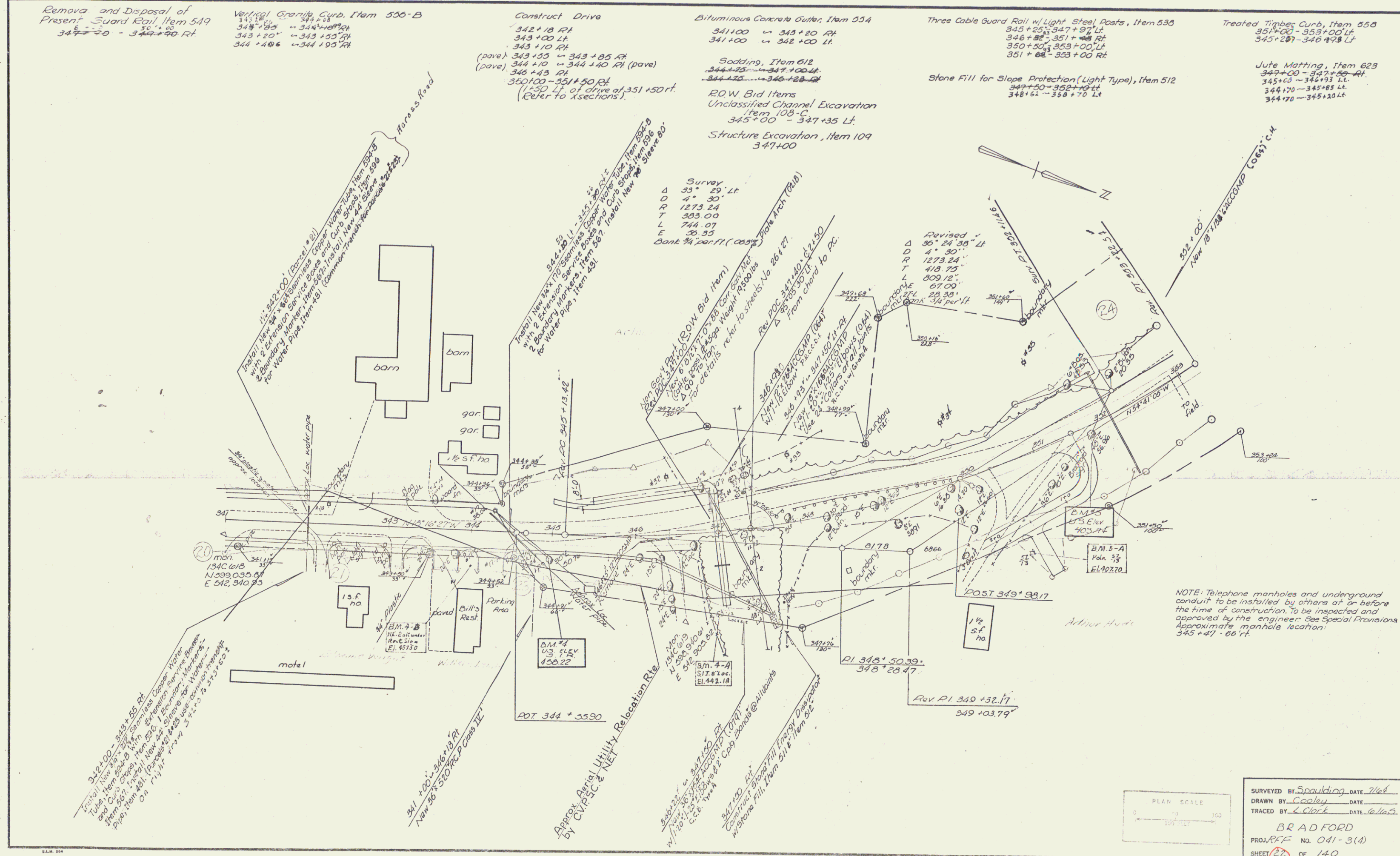
347+50 - 352+10 Lt.
348+62 - 358+70 Lt.

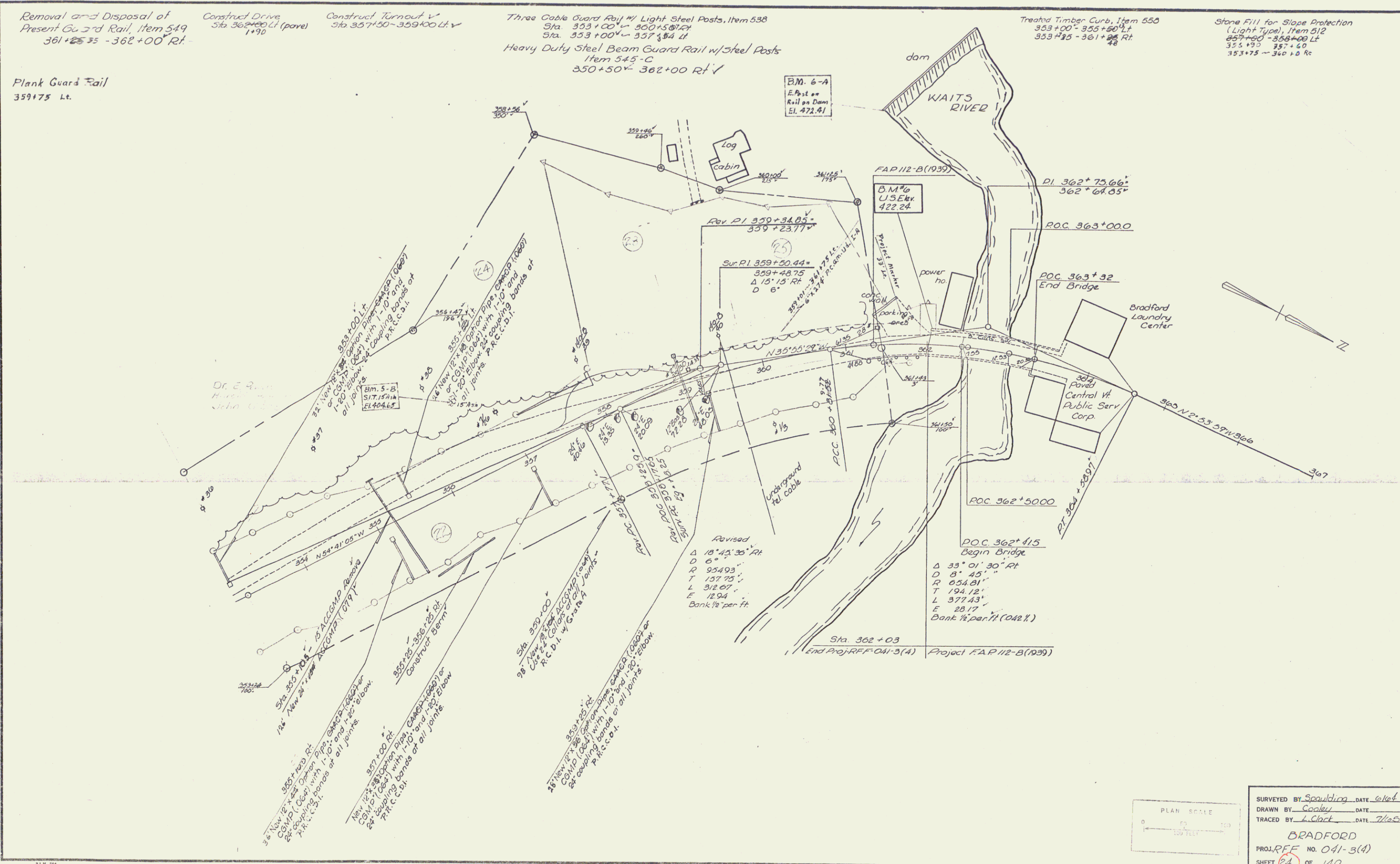
Treated Timber Curb, Item 558

351+00 - 353+00 Lt.
345+20 - 346+10 Lt.

Jute Matting, Item 623

347+00 - 347+50 Rt.
345+00 - 346+10 Lt.
344+10 - 345+10 Lt.
344+10 - 345+10 Lt.





Removal and Disposal of
Present Guard Rail, Item 549
361+25.35 - 362+00 Rt.

Construct Drive
Sta. 362+00 Lt. (pave)
1+70

Construct Turnout V
Sta. 357+50 - 359+00 Lt. V

Three Cable Guard Rail w/ Light Steel Posts, Item 538
Sta. 353+00 - 360+50 Rt.
Sta. 353+00 - 357+50 Lt.
Heavy Duty Steel Beam Guard Rail w/ Steel Posts
Item 545-C
350+50 - 362+00 Rt. V

Treated Timber Curb, Item 550
353+00 - 355+50 Lt.
353+50 - 361+00 Rt.

Stone Fill for Slope Protection
(Light Type), Item 512
353+00 - 358+00 Lt.
355+50 - 357+00
353+75 - 360+00 Rt.

Plank Guard Rail
359+75 Lt.

B.M. 6-A
Elev. 422.81
Rail on Dam

WAITS RIVER

B.M. 6
U.S. Elev.
422.24

PI 362+75.66
362+64.05

POC 363+000

POC 363+32
End Bridge

Bradford
Laundry Center

Sold Paved
Central Vt.
Public Serv.
Corp.

POC 362+5000

POC 362+415
Begin Bridge

Δ 33° 01' 30" Rt
D 8' 45"
T 137.75'
L 312.07'
E 12.94'
Bank 1/2 per ft. (0.42%)

Sta. 362+03
End Proj. REF. 041-3(4) Project FAP 112-B(1939)

PLAN SCALE
0 25 50
1" = 25'

SURVEYED BY Spaulding DATE 6/16/45
DRAWN BY Cooley DATE 7/1/45
TRACED BY L. Clark DATE 7/1/45
BRADFORD
PROJ. REF. NO. 041-3(4)
SHEET 24 OF 140