

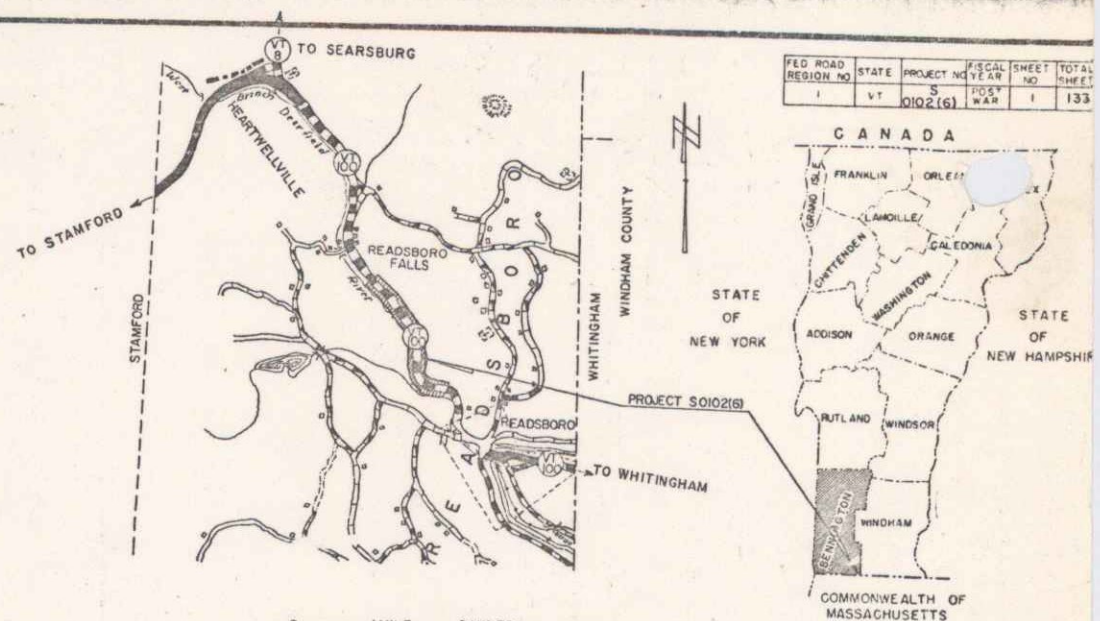
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STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
PROPOSED IMPROVEMENT

TOWN OF READSBORO
COUNTY OF BENNINGTON
VERMONT ROUTE # 100

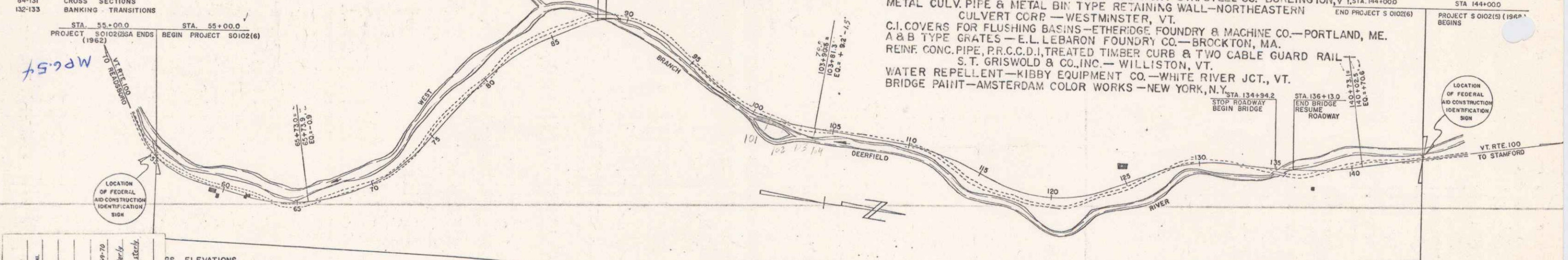
STAMFORD-READSBORO ROAD



FEDERAL AID SECONDARY PROJECT
BEGINNING AT A POINT APPROXIMATELY 6.539 MILES EASTERLY OF THE STAMFORD-READSBORO TOWN LINE AND EXTENDING NORTHWESTERLY 4.7005 MILES

PROJECT NAME & NUMBER TYPE PAVEMENT AREA
READSBORO S 0102(6) BIT.CONC. 21,922 S.Y.
RECORD PLANS
MATERIALS

- SUBBASE OF GRAVEL - ZUK PIT - READSBORO, VT.
- GRAVEL BACKFILL - ALLEN PIT - READSBORO, VT.
- ASPHALT - MOBIL OIL CO. - ALBANY, N.Y.
- JOINT SEALER - PREFORMED - D. S. BROWN CO. - NO. BALTIMORE, OHIO.
- BITUMINOUS CONCRETE & CONCRETE CLASS B - W.E. DAILEY PLANT - SO. SHAFTSBURY, VT.
- REINFORCING STEEL - BETHLEHEM STEEL CO. - BETHLEHEM, PA.
- STRUCTURAL STEEL & BRIDGE RAILING - VERMONT STR. STEEL CO. - BURLINGTON, VT. STA. 144+000
- METAL CULV. PIPE & METAL BIN TYPE RETAINING WALL - NORTHEASTERN CULVERT CORP. - WESTMINSTER, VT.
- C.I. COVERS FOR FLUSHING BASINS - ETHERIDGE FOUNDRY & MACHINE CO. - PORTLAND, ME.
- A & B TYPE GRATES - E.L. LEBARON FOUNDRY CO. - BROCKTON, MA.
- REINFC. CONC. PIPE, P.R.C.C.D.I., TREATED TIMBER CURB & TWO CABLE GUARD RAIL - S.T. GRISWOLD & CO., INC. - WILLISTON, VT.
- WATER REPELLENT - KIBBY EQUIPMENT CO. - WHITE RIVER JCT., VT.
- BRIDGE PAINT - AMSTERDAM COLOR WORKS - NEW YORK, N.Y.



PROJECT **READSBORO**
NUMBER **S 0102(6)**
TYPE **Bituminous Concrete**
CONTRACTOR **EARLE & MERRY, INC.**
RUTLAND, VT.
Location Beginning at Point approximately 6.539 miles easterly of the Stamford-Readsboro Town Line and extending northwest 4.7005 miles.

RIGHT OF WAY LINE
SLOPE RIGHTS
GROUND ELEVATION
GRADE ELEVATION
CURVE DATA
DEFLECTION OF ANGLE
DEGREE OF CURVE
RADIUS OF CURVE
TANGENT DISTANCE
LENGTH OF CURVE
EXTERNAL DISTANCE
P.I.
POINT OF INTERSECTION
P.C.
POINT OF CURVE
P.T.
POINT OF TANGENT
P.O.T.
POINT ON SUB-TANGENT
POST

M

1965 ADT = 320
1965 ADT = 580
1985 DHV = 120
D = 67
T = 8
V = 40 M.P.H.

CONTRACTOR
EARLE & MERRY, INC. - RUTLAND, VT.
RESIDENT ENGINEER - PAUL J. JETTE
INSPECTORS - F. GILMAN & PETER LANE
RECORD PLANS - A.G. SPIDLE.

CONTRACT
DATED - MARCH 26, 1969.
STARTED - APRIL 1, 1969.
COMPLETED - OCTOBER 20, 1970.
ACCEPTED - OCTOBER 20, 1970.

Don: 00R596

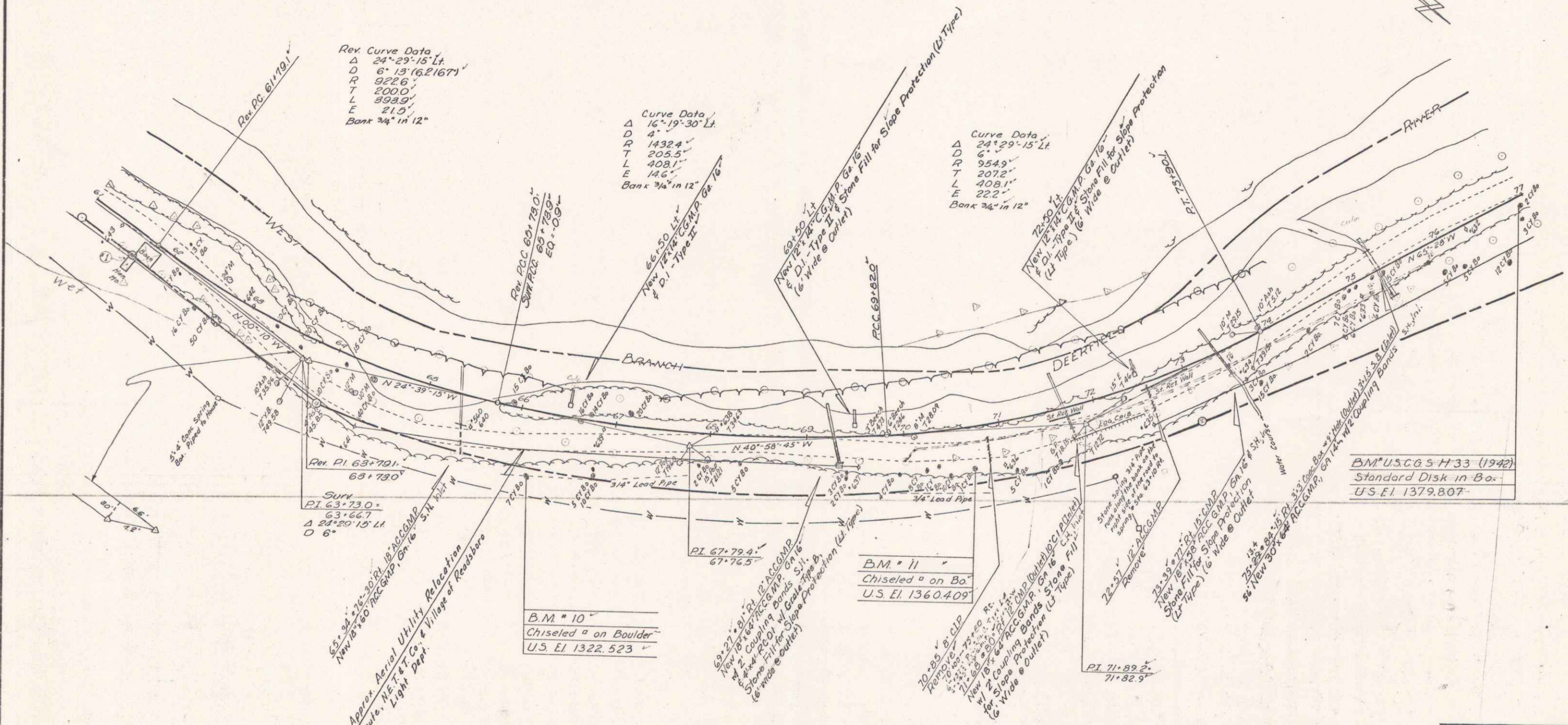
THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED BY THE BUREAU OF PUBLIC ROADS OR THE COMMISSIONER OF HIGHWAYS.
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION DATED APRIL 1964 SUBMITTED BY THE BUREAU OF PUBLIC ROADS AS APPROVED OCT. 12, 1964, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED WITH THE PLANS.

DEPARTMENT OF TRANSPORTATION
BUREAU OF PUBLIC ROADS

APPROVED <i>E.H. Nickony</i> DATE 11/12/68	APPROVED <i>H.M. Smith</i> DATE 11/12/68	APPROVED <i>[Signature]</i> DATE 11/12/68	APPROVED <i>[Signature]</i> DATE 9/2/65	APPROVED <i>[Signature]</i> DATE 11/2/65	APPROVED <i>G.M. [Signature]</i> DATE 11/12/66	APPROVED <i>R.D. [Signature]</i> DATE 11/12/66
DIVISION ENGINEER DATE						PROJECT S NO. 0102(6)
SHEET 1 OF 133 SHEETS						

DEMOLITION & DISPOSAL OF BUILDING RT #1 @ 61+75'
 STONE FILL FOR SLOPE PROTECTION (LIGHT TYPE) LT 63+25 ~ 74+25'
 CHANNEL EXCAVATION ITEM LT 63+25 ~ 66+40 108-C
 EXCAVATION & REMOVAL OF ROAD SURFACES AND/OR PAVEMENTS RT 63+63 ~ 66+93 70+00 ~ 73+30'
 TREATED TIMBER CURB LT 66+50 ~ 74+74'
 CONSTRUCT PAVED SHOULDER (WITH ITEM 361 (Mod)) LT 66+50 ~ 74+74'

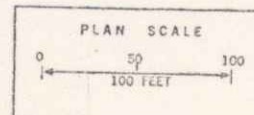
TWO CABLE GUARD RAIL LT 61+00 ~ 77+00'
 60+30



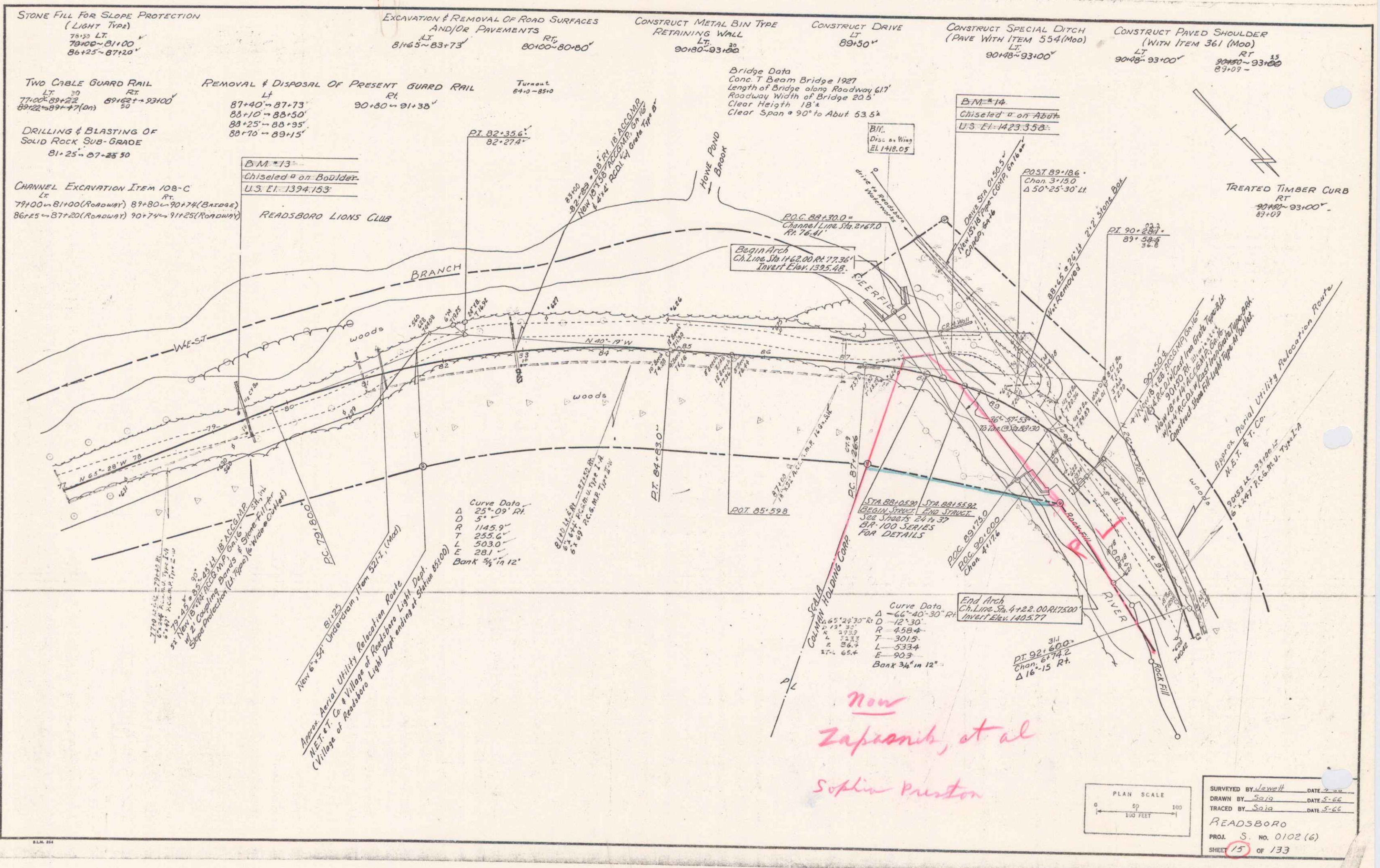
Rev. Curve Data
 Δ 24° 29' 15" Lt
 D 6' 15" (6.21671)
 R 9226'
 T 2000'
 L 998.9'
 E 21.0'
 Bank 34" in 12"

Curve Data
 Δ 16° 19' 30" Lt
 D 4'
 R 14324'
 T 205.5'
 L 4081'
 E 14.6'
 Bank 34" in 12"

Curve Data
 Δ 24° 29' 15" Lt
 D 6'
 R 9549'
 T 2072'
 L 4081'
 E 22.2'
 Bank 34" in 12"



SURVEYED BY *Lawth* DATE 4-66
 DRAWN BY *Sain* DATE 5-66
 TRACED BY *Sain* DATE 5-66
 READSBORO
 PROJ. 5 NO. 0102 (6)
 SHEET 13 OF 133



STONE FILL FOR SLOPE PROTECTION
(LIGHT TYPE)
75+30 LT
78+00-81+00
86+25-87+20

EXCAVATION & REMOVAL OF ROAD SURFACES
AND/OR PAVEMENTS
LT 81+65-83+73
RT 80+00-80+80

CONSTRUCT METAL BIN TYPE
RETAINING WALL
LT 90+80-93+00

CONSTRUCT DRIVE
LT 89+50

CONSTRUCT SPECIAL DITCH
(PAVE WITH ITEM 554 (MOO))
LT 90+48-93+00

CONSTRUCT PAVED SHOULDER
(WITH ITEM 361 (MOO))
LT 90+48-93+00
RT 90+48-93+00
89+07

TWO CABLE GUARD RAIL
LT 77+00-89+22
RT 89+62-93+00

REMOVAL & DISPOSAL OF PRESENT GUARD RAIL
LT 87+40-87+73
RT 90+80-91+38

Turnout
84+0-85+0

Bridge Data
Conc. T Beam Bridge 1987
Length of Bridge along Roadway 617'
Roadway Width of Bridge 20.5'
Clear Height 18.4'
Clear Span 90' to Abut 53.5'

DRILLING & BLASTING OF
SOLID ROCK SUB-GRADE
81+25-87-25 30

B.M. #13
Chiseled on Boulder
U.S. El. 1394.153

B.M. #14
Chiseled on Abut
U.S. El. 1423.358

CHANNEL EXCAVATION ITEM 108-C
LT 79+00-81+00 (ROADWAY)
RT 89+80-90+78 (BARRE)
86+25-87+20 (ROADWAY)
90+74-91+25 (ROADWAY)

READSBORO LIONS CLUB

Begin Arch
Ch. Line Sta. 1462.00, R+17.36'
Invert Elev. 1395.48

POST 89+186
Chan. 3'-15.0"
Δ 50'-25'-30" Lt

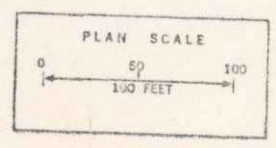
TREATED TIMBER CURB
90+48-93+00
89+07

Curve Data
Δ 25°-09' Rt
D 5'
R 1145.9'
T 255.6'
L 503.0'
E 28.1'
Bank 3/4" in 12'

Curve Data
Δ 66°-40'-30" Rt
D 12'-30"
R 458.4'
T 301.5'
L 533.4'
E 90.3'
Bank 3/4" in 12'

End Arch
Ch. Line Sta. 4+22.00, R+17.500
Invert Elev. 1405.77

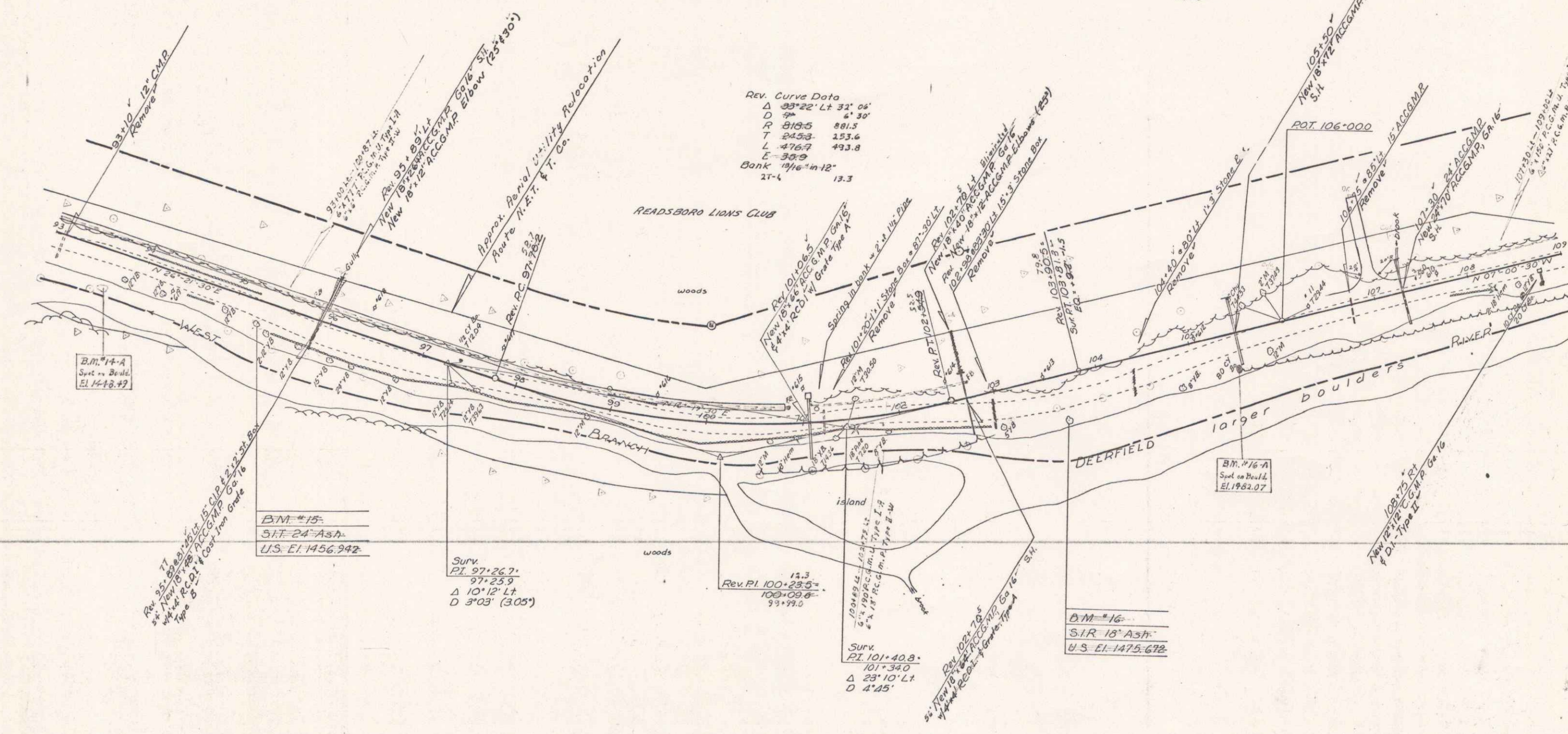
Now
Zapranik, et al
Sophia Preston



SURVEYED BY Jewett DATE 2-66
DRAWN BY Saia DATE 5-66
TRACED BY Saia DATE 5-66
READSBORO
PROJ. S. NO. 0102 (6)
SHEET 15 OF 133

CONSTRUCT METAL BIN TYPE RETAINING WALL LT 93100-93120
 CONSTRUCT SPECIAL DITCH (PAVE WITH ITEM 534 Mod) LT 93100-100+80
 CONSTRUCT PAVED SHOULDERS (WITH ITEM 361 Mod) LT 93100-100+80 RT 93100-93+60 108+75-109100
 TREATED TIMBER CURB RT 93100-93+60 108+75-109100
 TWO CABLE GUARD RAIL RT 93100-109100
 EXCAVATION & REMOVAL OF ROAD SURFACES AND/OR PAVEMENTS LT 103+18-104+00
 DRILLING & BLASTING OF SOLID ROCK SUBGRADE 102+10-104+25

STONE FILL FOR SLOPE PROTECTION (LIGHT TYPE) RT 100+50-102+90 105+50-109100
 CHANNEL EXCAVATION ITEM 108-C RT 93105-94+65 97105-100+20 100+55.5-102+70 105+50-107100
 CONSTRUCT SPECIAL DITCH (to be paid for under Item 106-A) LT 105+50+LT-106+00+LT
 CONSTRUCT DRIVE LT 104+00-107+00 (To be paid for under the item of Bulldozer Logging Road 150+11 107+00)



B.M. #14-A
 Spot on Bench
 EL 1478.47

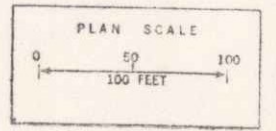
B.M. #15
 S.I.T. 24" Ash
 U.S. EL 1456.942

Surv.
 P.I. 97+26.7
 97+25.9
 Δ 10°12' Lt
 D 3°03' (3.05)

Rev. P.I. 100+23.5
 100+09.6
 99+99.0

Surv.
 P.I. 101+40.8
 101+34.0
 Δ 23°10' Lt
 D 4'45"

B.M. #16
 S.I.T. 18" Ash
 U.S. EL 1475.672



SURVEYED BY Jewett DATE 4-66
 DRAWN BY Saja DATE 5-66
 TRACED BY Saja DATE 5-66
 READSBORO
 PROJ. S NO. 0102 (6)
 SHEET 17 OF 133

STONE FILL FOR SLOPE PROTECTION
(LIGHT TYPE)
RT
109+00~110+15
110+75~111+25

CHANNEL EXCAVATION ITEM 108-C
RT
109+00~110+15
110+75~111+25

TWO CABLE GUARD RAIL
RT
109+00~112+50

TREATED TIMBER CURB
RT
109+00~112+50

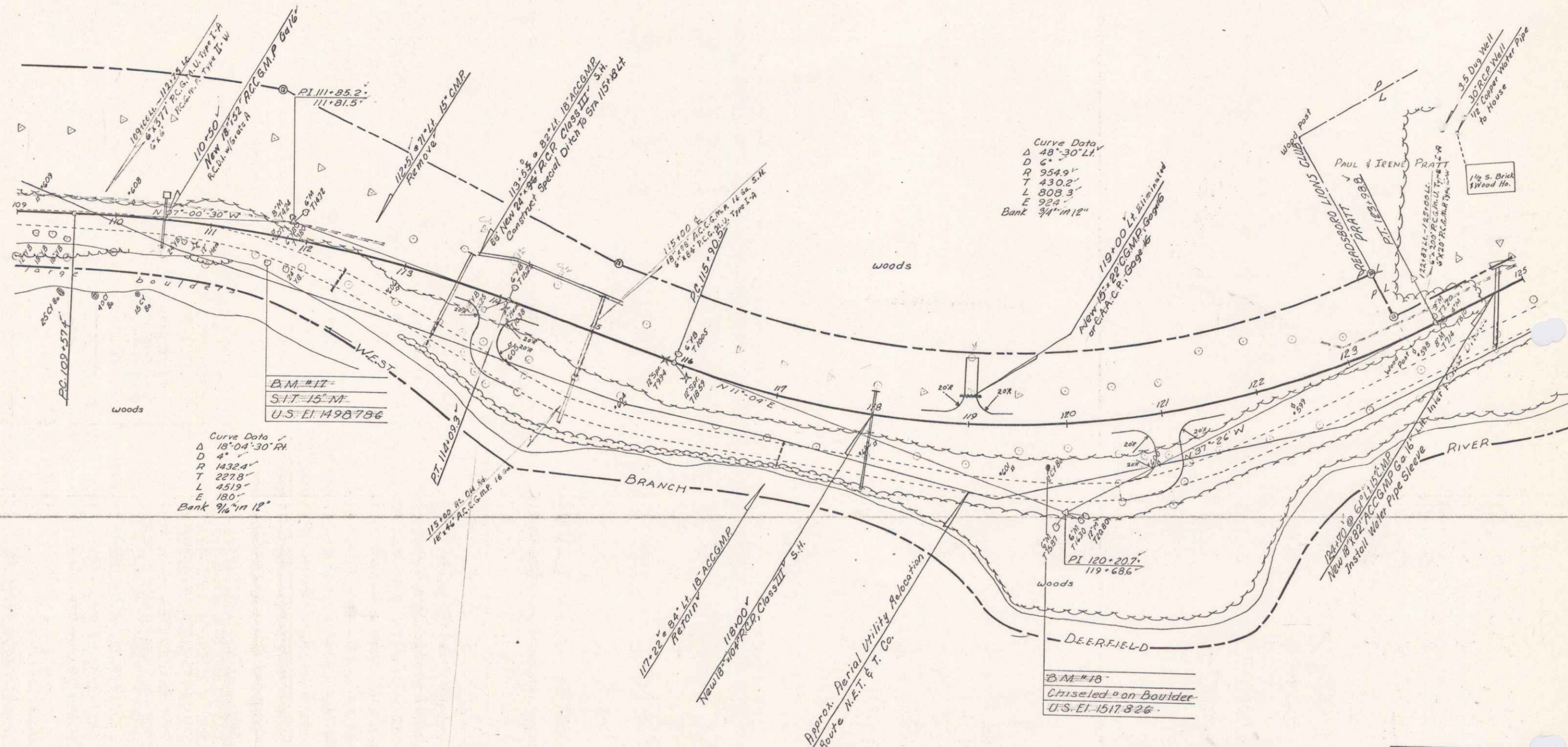
CONSTRUCT PAVED SHOULDER
(WITH ITEM 361 Mod.)
RT
109+00~112+60

EXCAVATION & REMOVAL OF ROAD SURFACES
AND/OR PAVEMENTS
RT 113+85
111+75~113+00
123+40~125+00

CONSTRUCT DRIVE
RT
122+47
119+00
CONSTRUCT APPROACH
RT
114+00
121+00

DRILLING & BLASTING OF SOLID
ROCK SUBGRADE
123+0 - 125+0

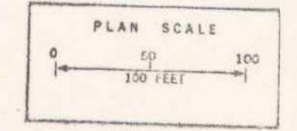
CONSTRUCT PAVED DITCH
ITEM 554
LF
124+82~126+00



Curve Data
Δ 48° 30' LH
D 6'
R 254.9'
T 430.2'
L 308.3'
E 924'
Bank 3/4" in 12"

Curve Data
Δ 18° 04' 30" RH
D 4'
R 1432.4'
T 227.8'
L 451.9'
E 180'
Bank 9/16" in 12"

B.M. #18
Chiseled on Boulder
U.S. El. 1517.826



SURVEYED BY Lewett DATE 4-66
DRAWN BY Sala DATE 2-66
TRACED BY Sala DATE 3-66
READSBORO
PROJ. S NO. 0102 (6)
SHEET 19 OF 133

6

EXCAVATION & REMOVAL OF ROAD SURFACES AND/OR PAVEMENTS
 RT. 125+00~127+51 140+63~141+00

CONSTRUCT DRIVE
 LT 126+40
 RT 127+00
 128+25 and 138+50
 133+50

TWO CABLE GUARD RAIL
 LT 134+80~134+96 127+00~134+52
 RT 136+50~138+96 136+10~136+40

TREATED TIMBER CURB
 RT 127+00~132+50
 48 45

CONSTRUCT PAVED SHOULDERS (WITH ITEM 36 (Mod))
 RT. 127+50~132+50
 45

STONE FILL FOR SLOPE PROTECTION (HEAVY TYPE)
 LT 136+50~138+25

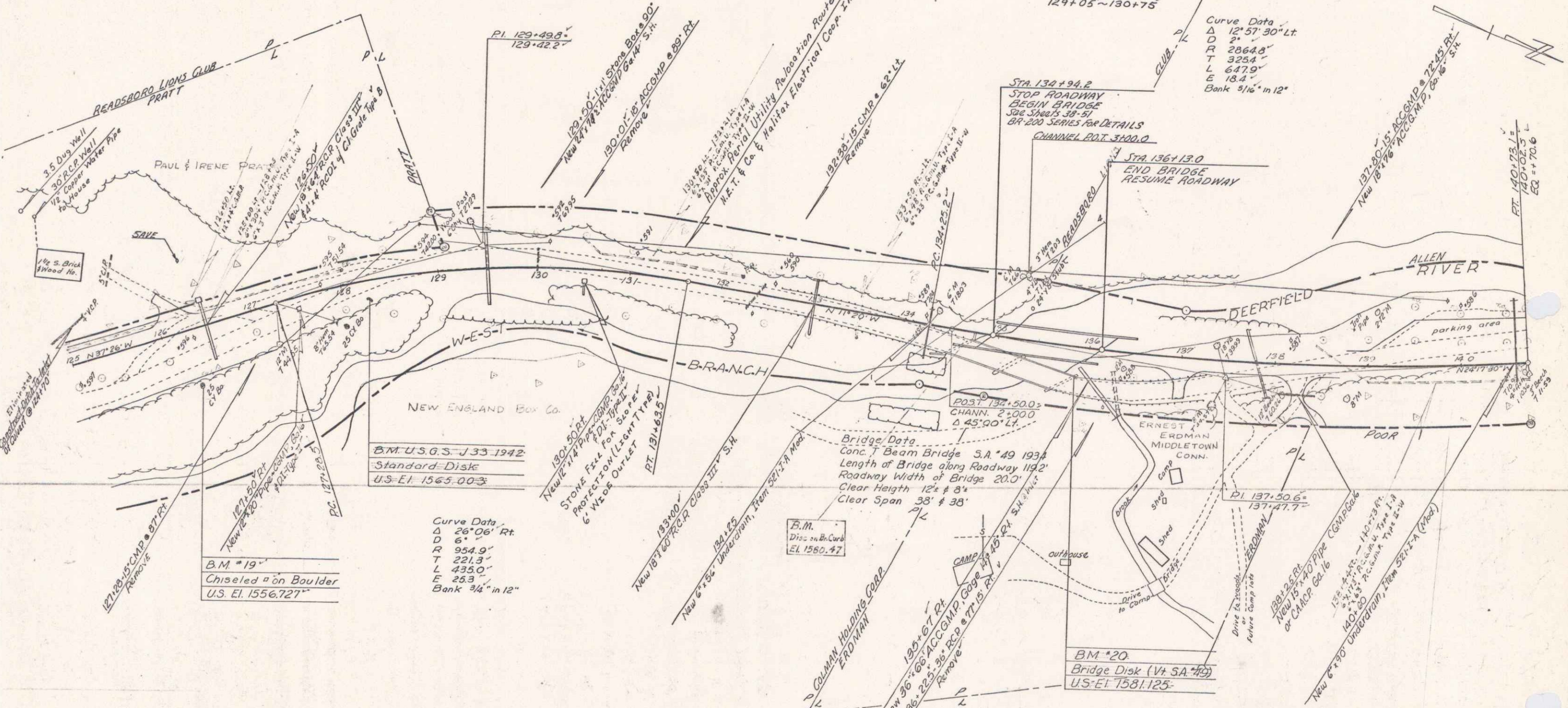
CONSTRUCT PAVED DITCH 175M 554
 LT 125+00~126+00

REMOVAL & DISPOSAL OF PRESENT GUARD RAIL
 LT & RT 152+63~134+63

DRILLING & BLASTING OF SOLID ROCK SUB-GRADE
 131+25~132+25
 133+50~134+25
 140+60~140+85
 140+85

CONSTRUCT TURNOUT
 LT. 139+00~140+73.1
 RT. 140+02.5

CHANNEL EXCAVATION ITEM 108-C
 LT 136+50~138+25
 RT 127+05~130+75
 133+75~134+50 (ROADWAY, RT. OF CHANNEL)
 134+10~134+50 (ROADWAY, LT. OF CHANNEL)



Curve Data
 Δ 12° 57' 30" Lt
 D 21'
 R 2864.8'
 T 325.4'
 L 647.9'
 E 18.4'
 Bank 3/16" in 12"

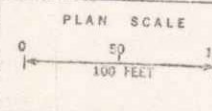
B.M. U.S.G.S. J-33-1942
 Standard Disk
 U.S. El. 1565.00

B.M. *19
 Chiseled on Boulder
 U.S. El. 1556.727

Curve Data
 Δ 26° 06' Rt
 D 6'
 R 954.9'
 T 221.3'
 L 435.0'
 E 25.3'
 Bank 4 1/4" in 12"

B.M.
 Disc on Br. Curb
 El. 1580.47

B.M. *20
 Bridge Disk (Vt. SA #49)
 U.S. El. 1581.125



SURVEYED BY: VEWETT DATE: 4-56
 DRAWN BY: SAIA DATE: 5-56
 TRACED BY: SAIA DATE: 5-56
 READSBORO
 PROJ. 5 NO. 0102(6)
 SHEET 21 OF 133

EXCAVATION & REMOVAL OF ROAD SURFACES
AND/OR PAVEMENTS
L.F.
140163-141100

TWO CABLE GUARD RAIL
L.F.
140196-144100
1-21-67

STONE FILL FOR SLOPE PROTECTION
(LIGHT TYPE)
L.F.
142110-144100

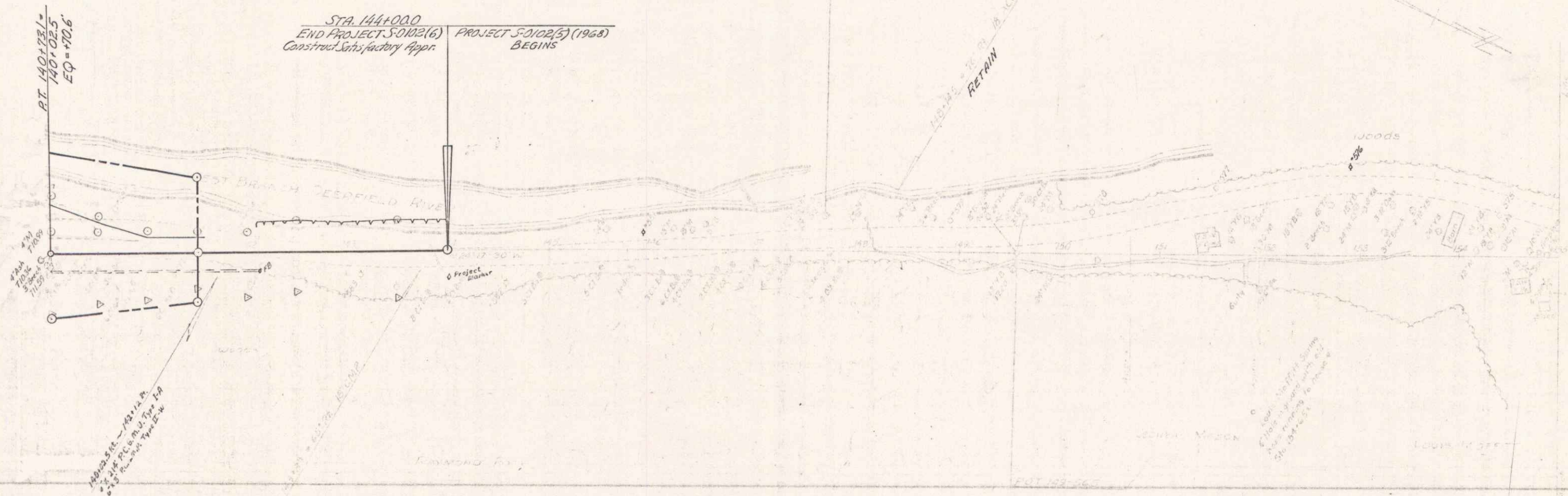
UNCLASSIFIED CHANNEL EXCAV.
L.F.
142110-144100

DRILLING & BLASTING OF
SOLID ROCK SUB-GRADE
L.F.
140102.5-142175

CONSTRUCT TURNOUT
L.F.
140102.5-140175

POOR ORIGINAL COPY

S.M. #21
S.P. 15' Patch
U.S. E.I. 1529 688



Revised 5-10-66 BPS
23 133 6

8

POOR ORIGINAL COPY

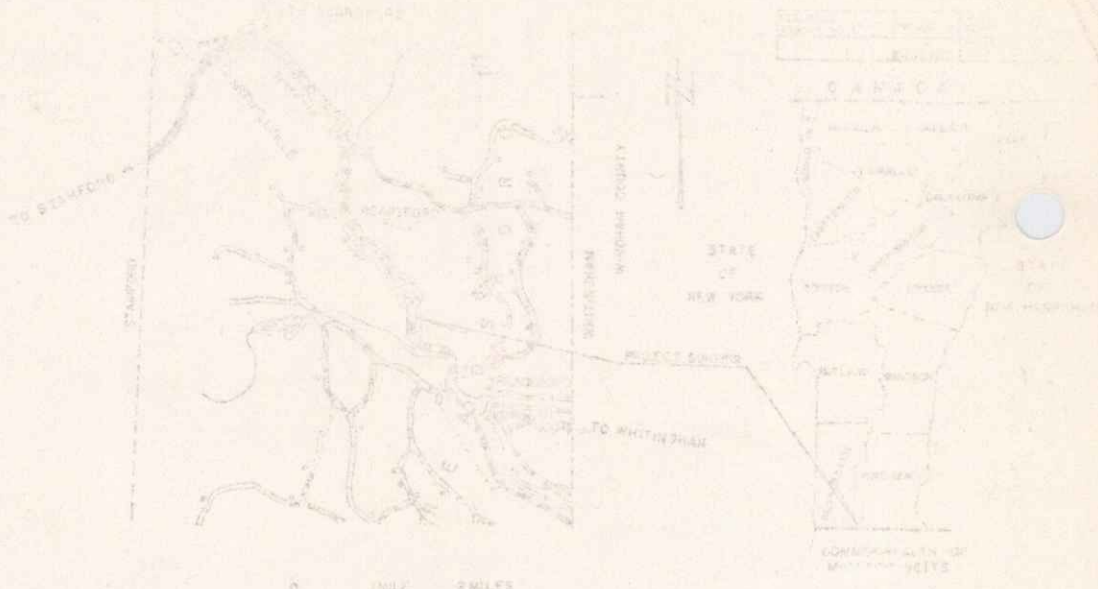
VERMONT DEPARTMENT OF HIGHWAYS
PROPOSED IMPROVEMENT

TOWN OF READSBORO
COUNTY OF BENNINGTON
VERMONT ROUTE 100
STAMFORD - READSBORO ROAD

BEGINNING AT A POINT APPROXIMATELY 1.643 MILES WESTWARD
OF THE STAMFORD-READSBORO TOWN LINE AND EXTENDING
WESTWARD 1.643 MILES

LENGTH OF ROADWAY - FEET - MILES
LENGTH OF R.O.W. - FEET - MILES
LENGTH OF R.O.W. 8979.8 FEET - 1.643 MILES

R.O.W. PLANS



(To Be Returned To R.O.W. Division)
Town of Vt 100
PERPETUAL
TOWN FILE
RIGHT-OF-WAY DIVISION

MP 6.54
BEGIN R.O.W. 55+00

MP 4.83
END R.O.W. 141+00

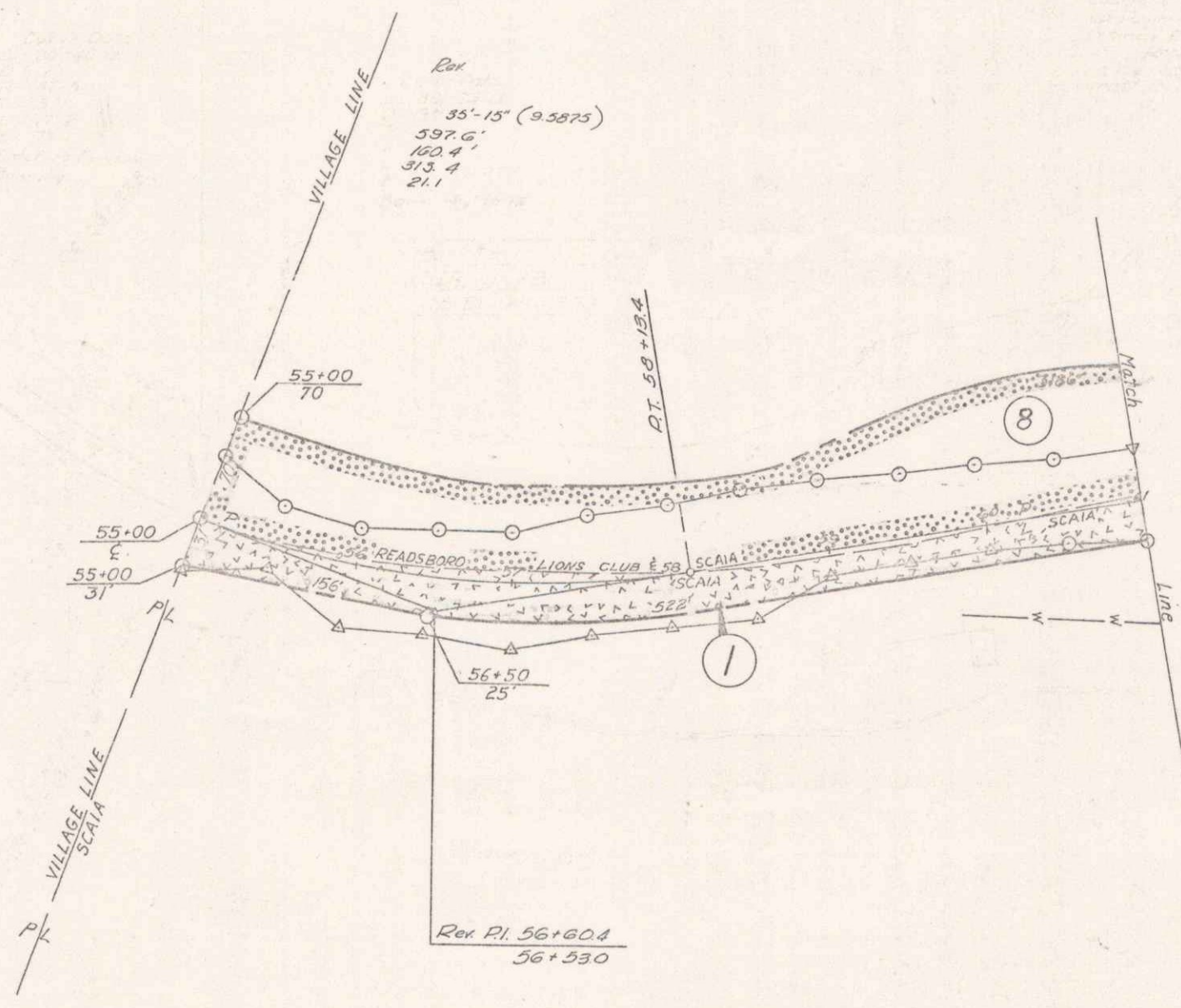
M

Wm. Knight
11/22/66

MP 2.50 - 4.84
RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
Town of Vt 100
(To Be Returned To R.O.W. Division)

1

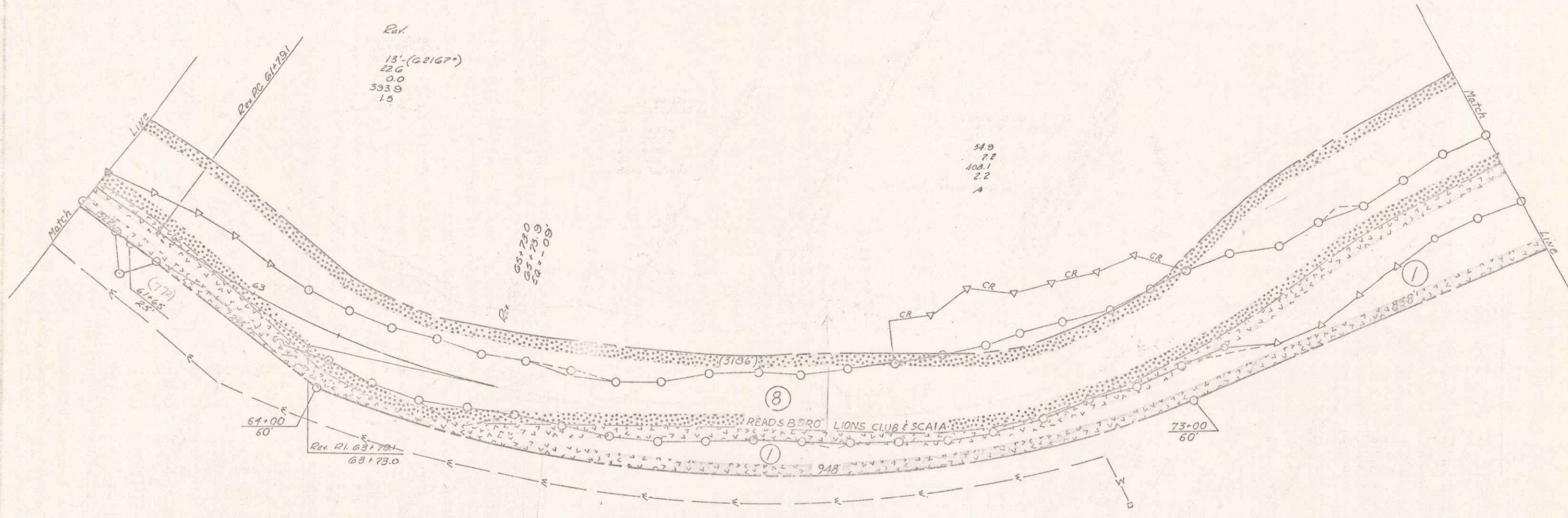
9



VERMONT DEPARTMENT OF HIGHWAYS
 RIGHT-OF-WAY PLANS
 PROJECT READSBORO
 No. 50102(6)
 SHEET 5 OF 67

10

Vermont Department of Highways
 State Engineer
 State Capitol Building
 Montpelier, Vermont
 1950



Elev
 13' (22167)
 22.6
 0.0
 393.9
 1.5

54.9
 7.2
 108.1
 2.2
 A

65+20
 65+50
 68+00

64+00
 60
 Rev. 21. 631701
 63+73.0

73+00
 60

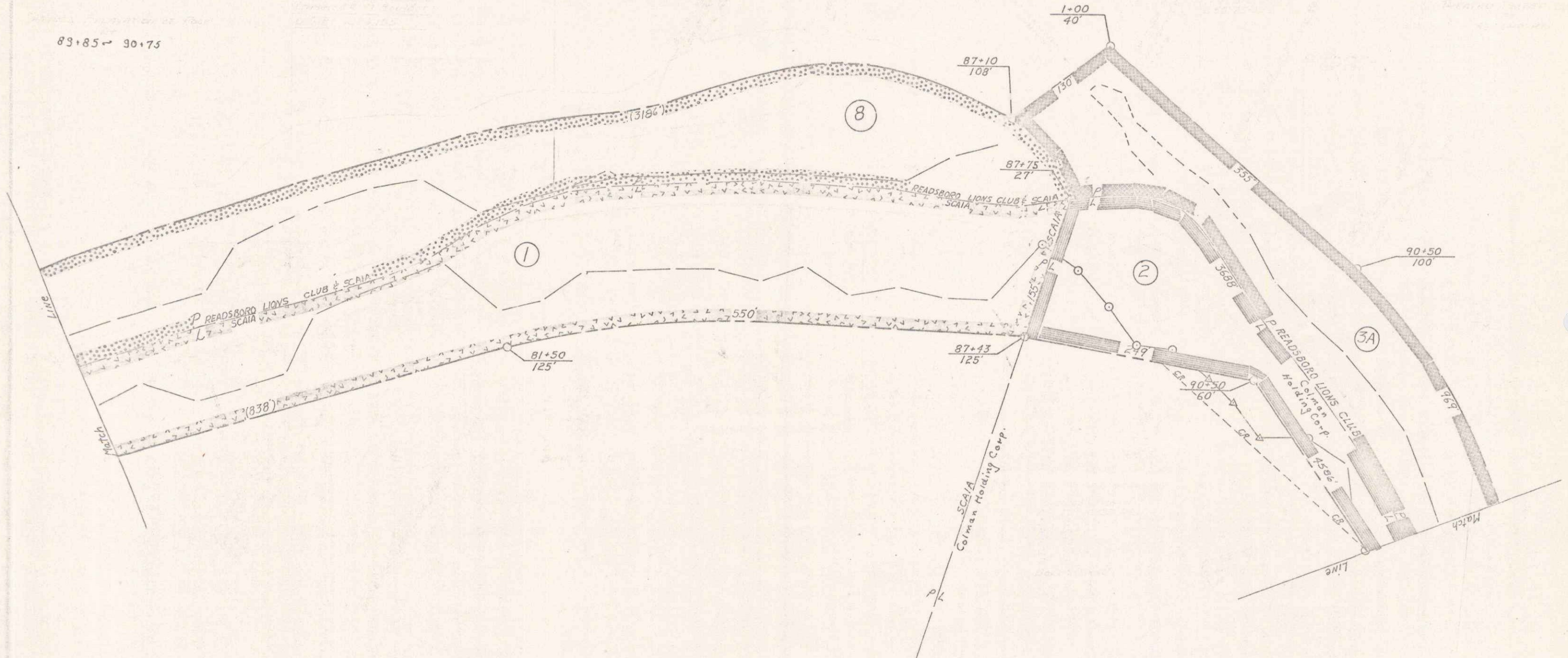
VERMONT DEPARTMENT OF HIGHWAYS
 RIGHT-OF-WAY PLANS
 PROJECT READSBORO
 NO. 50102(6)
 SHEET 6 OF 67

86+25 - 87+20

87+23 - 87+20

90+80 - 93+00

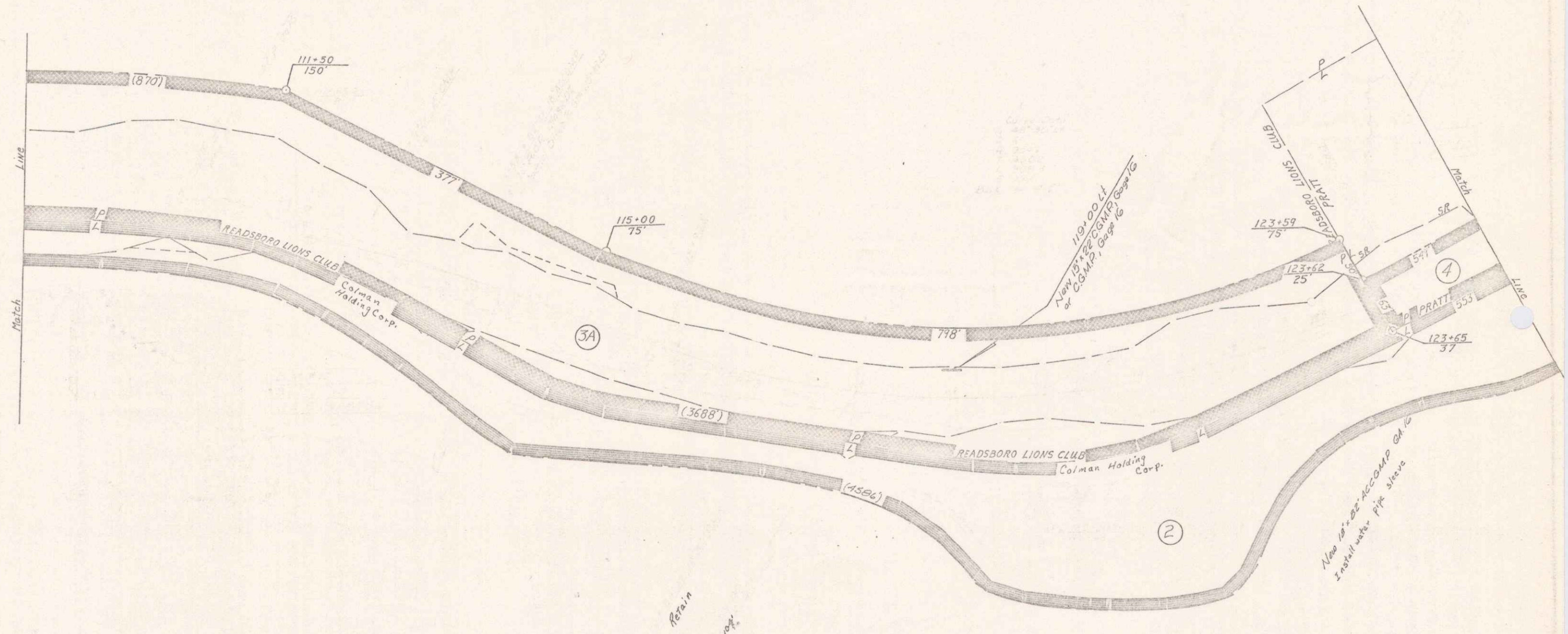
89+85 - 90+75



VERMONT DEPARTMENT OF HIGHWAYS
 RIGHT-OF-WAY PLANS
 PROJECT READSBORO
 NO S 0102(5)
 SHEET 7 OF 67

CONSTRUCT PAVED DITCH
 (with Item 554)
 Rt.
 121+82 - 123+00

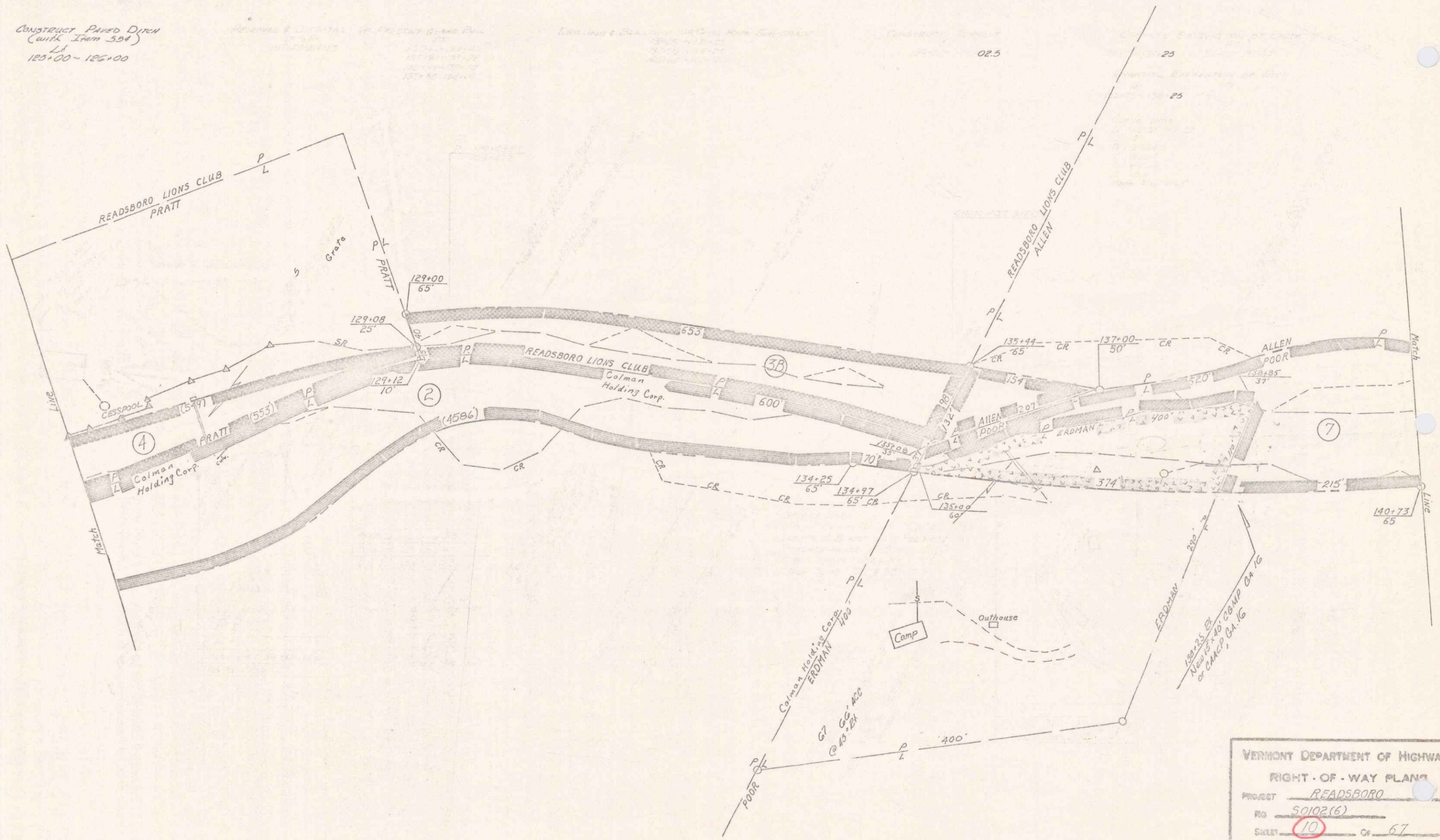
CONSTRUCT DRIVE
 Rt.
 119+00
 Construct Approach
 Rt.
 114+0
 121+0



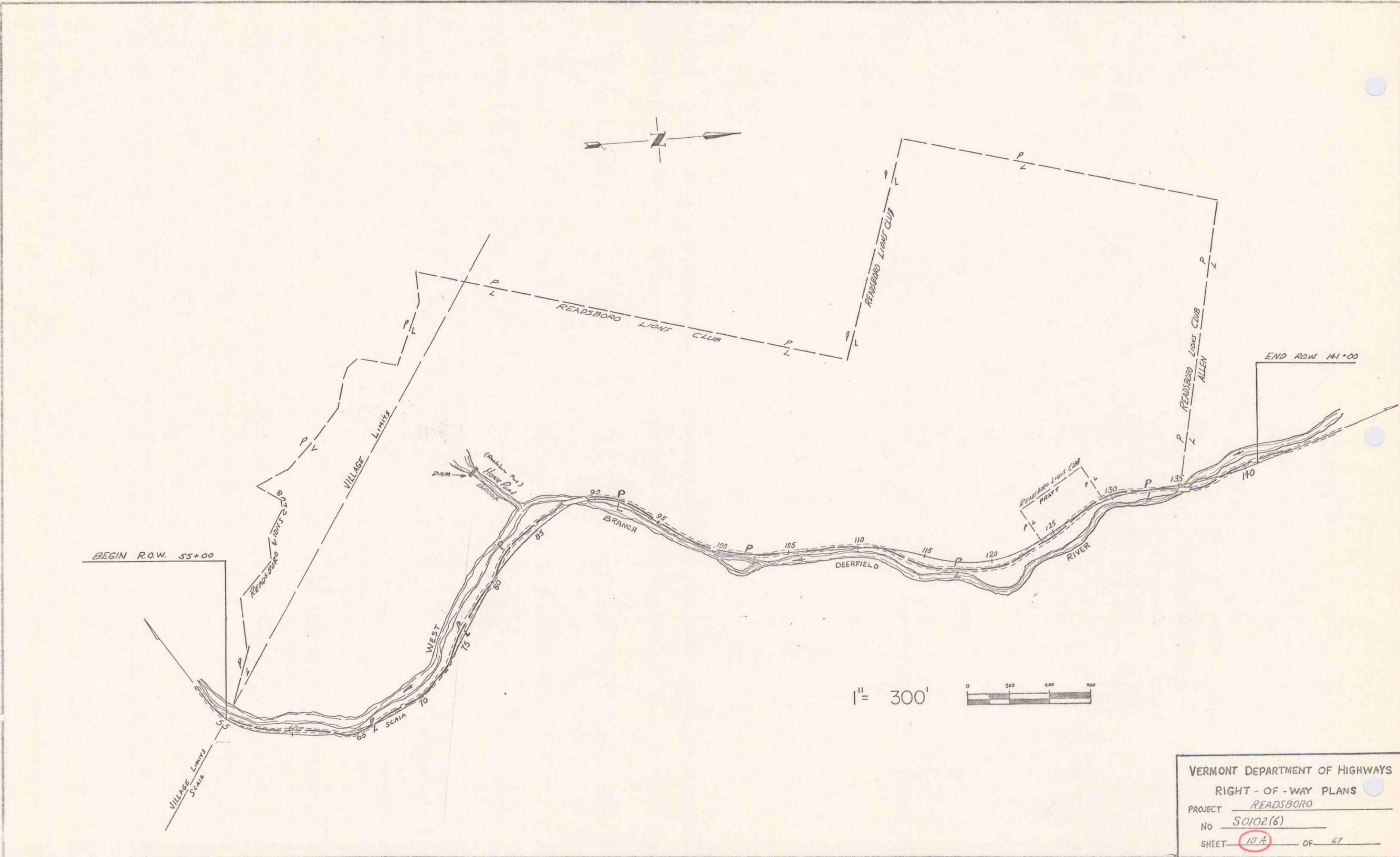
VERMONT DEPARTMENT OF HIGHWAYS
 RIGHT-OF-WAY PLANS
 PROJECT READSBORO
 NO 50102(6)
 SHEET 9 OF 67

CONSTRUCT PAVED DITCH
(with Item 504)
LI
125+00 - 126+00

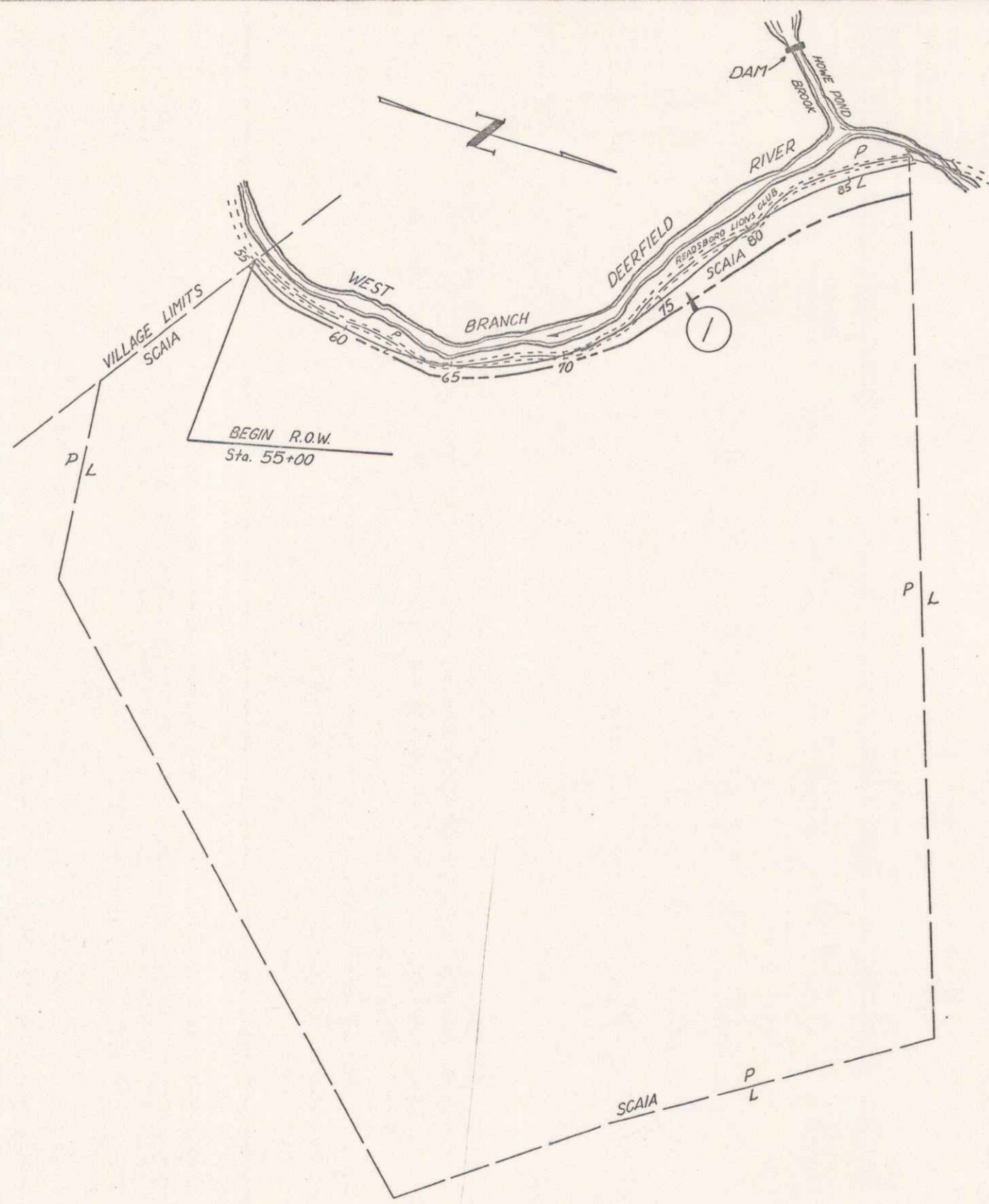
40 00 134+48-135+12 135+38-134+70
138+25 136+20-138+92



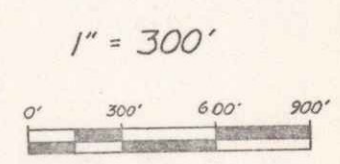
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT READSBORO
RD 50102(6)
SHEET 10 OF 67



VERMONT DEPARTMENT OF HIGHWAYS
 RIGHT - OF - WAY PLANS
 PROJECT READSBORO
 NO 50102(6)
 SHEET 10 A OF 67



SCAIA, BERNARD & IDA	
PARCEL NO. 1	
TOTAL ACREAGE	108.0 A±
TOTAL REQ'D	5.3 A±
REMAINDER	102.7 A±



VERMONT DEPT. OF HIGHWAYS
 RIGHT-OF-WAY PLANS
 PROJECT READSBORO
 NO. S 0102 (6)
 SHEET 10.B OF 67

