FED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	118A	1928	1	24

INDEX OF SHEETS

STATE OF VERMONT

STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

FEDERAL AID PROJECT

Pin# 99R698

TOWN OF ST JOHNSBURY Route Vt. 2B

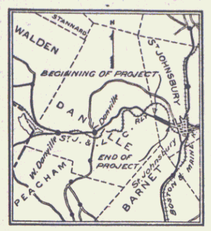
MONTPELIER — ST JOHNSBURY — ROAD

FROM THE DANVILLE – ST JOHNSBURY TOWN LINE

EASTERLY 1.173 MILES TO THE ST. J. & L.C. R.RY. OVERPASS

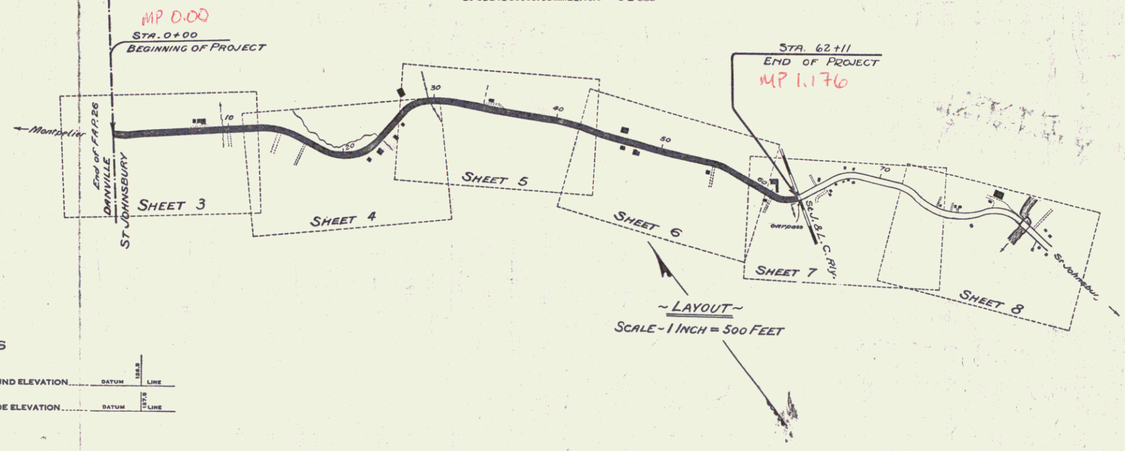
Project: FAP 118A

LENGTH OF PROJECT 6,198.6 FT. = 1.173 MILES.



Scales

Plan		1 Inch = 50 Feet
Profile	Hor.	1 Inch = 50 Feet
	Vert.	1 Inch = 10 Feet
Cross Sections		1 Inch = 5 Feet



RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
Rte
Town of US 2
(To Be Returned To R.O.W. Division)

APPROVED: August 20, 1928
H. E. Laugsdt,
CHIEF ENGINEER

SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD
August 21, 1928.
L. B. Bales
COMMISSIONER OF HIGHWAYS

RECOMMENDED
DISTRICT ENGINEER
BUREAU OF PUBLIC ROADS

RECOMMENDED FOR APPROVAL
CHIEF ENGINEER
BUREAU OF PUBLIC ROADS

APPROVED
DIRECTOR - BUREAU OF PUBLIC ROADS

CONVENTIONAL SIGNS

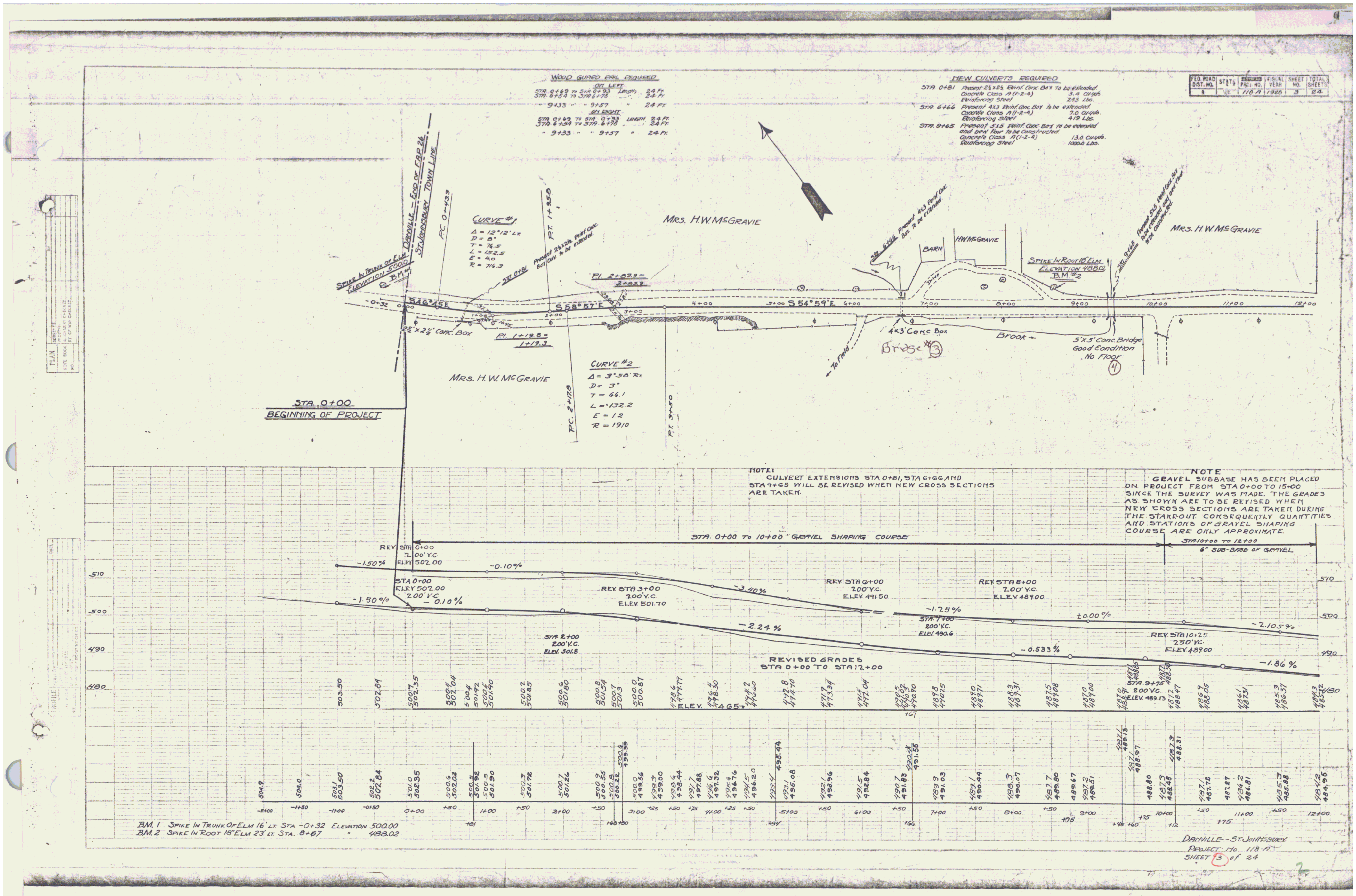
COUNTY LINE
TOWN LINE
FENCE LINE
STONE WALL
UNFENCED PROPERTY
GUARD RAIL
TRAVELED WAY
RAILROAD
RETAINING WALL
CENTER LINE (30, P.C. 30+65)
SURVEY LINE
CULVERT
DROP INLET
TROLLEY POLE
POWER POLE
TELEPHONE POLE
TREES
HEDGE

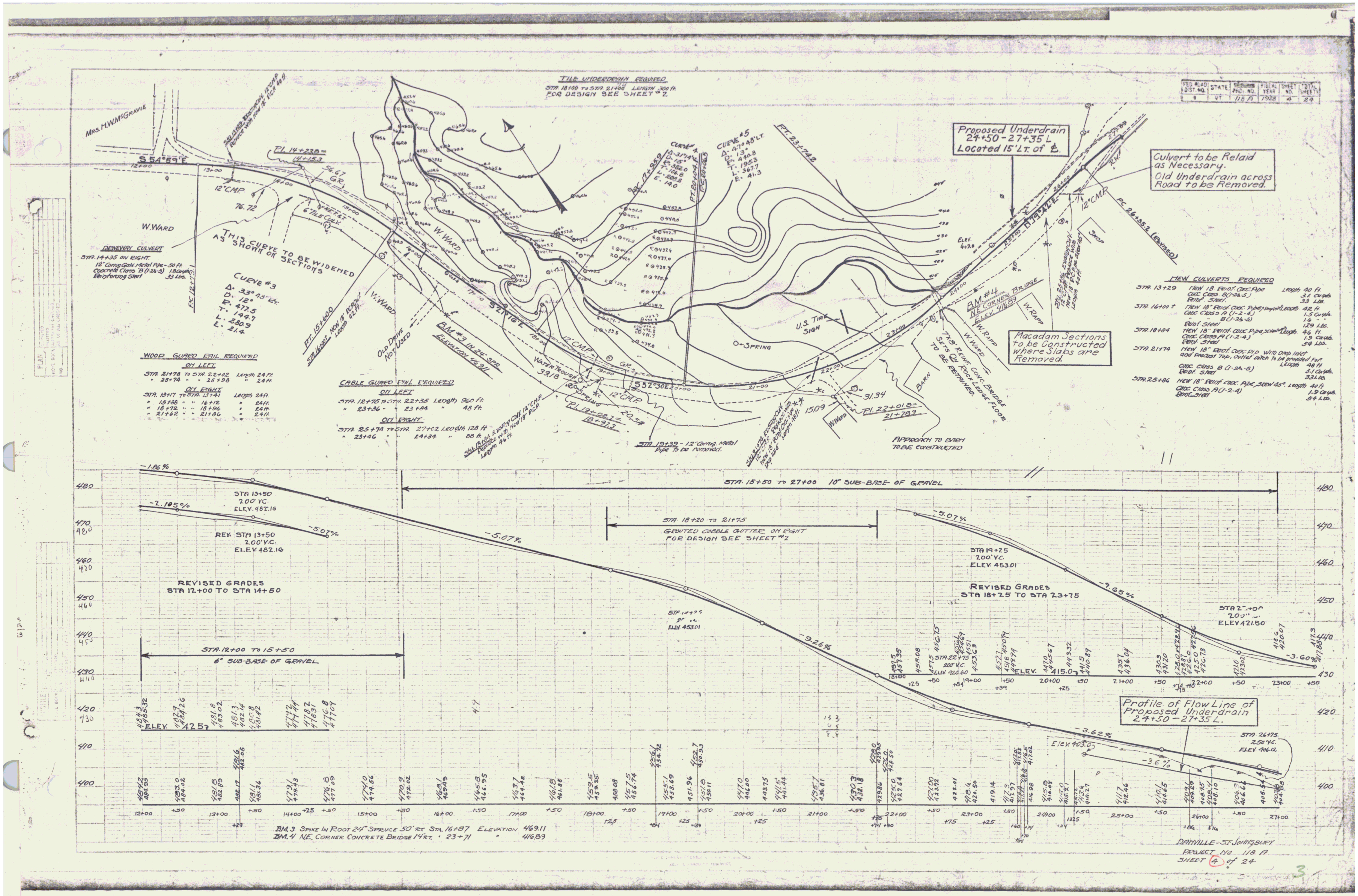
GROUND ELEVATION ..... DATUM 1382.4 LINE
GRADE ELEVATION ..... DATUM 1373 LINE

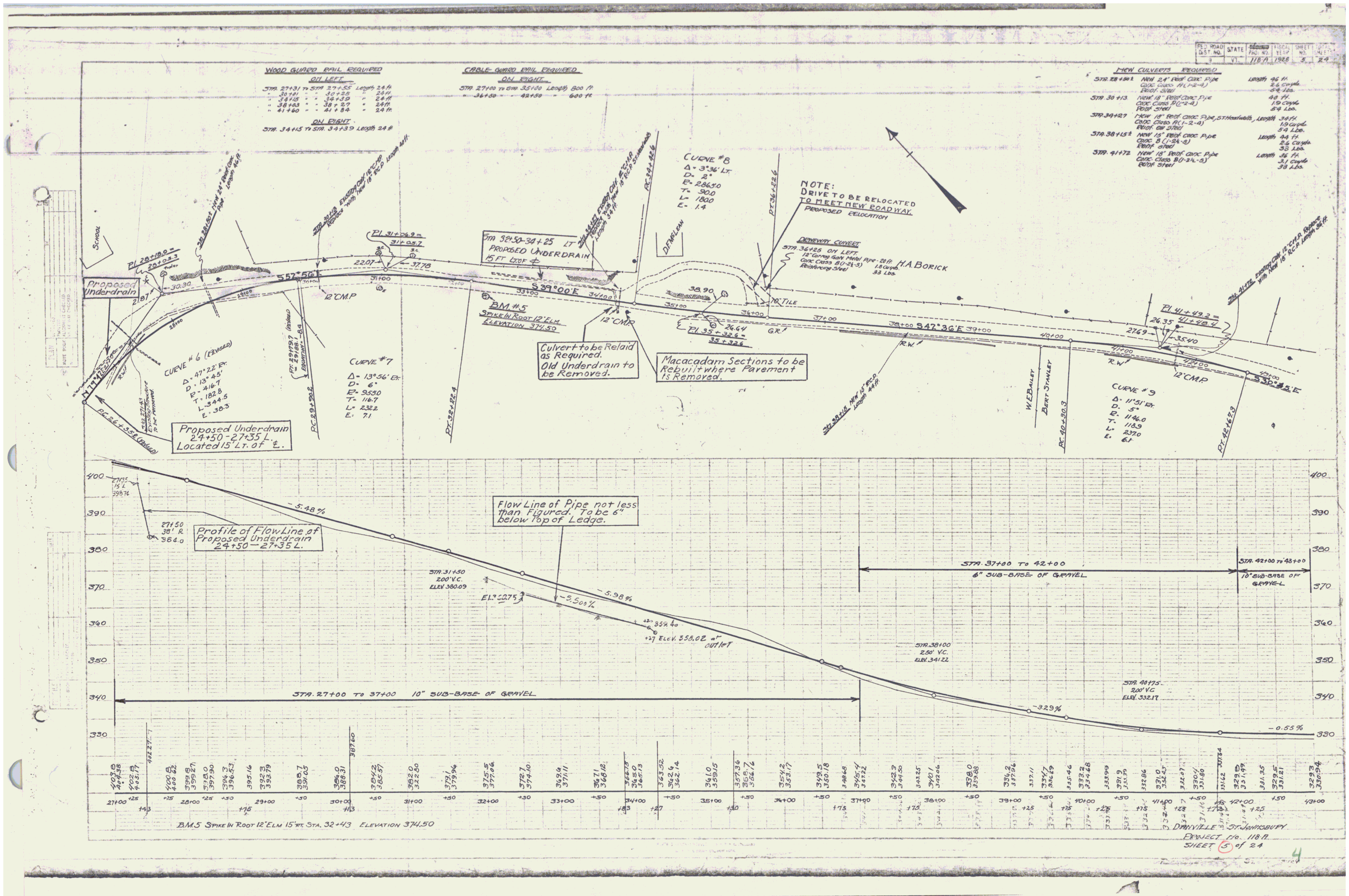
CURVE DATA

DEFLECTION ANGLE	Δ
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.

SERIES F. No. FILED
SHEET 1 OF 24


WOOD GUARD RAIL REQUIRED
ON LEFT
STA. 0+69 TO STA 0+93 Length 24 Ft.
STA. 6+54 TO STA 6+78 " 24 Ft.
" 9+33 " " 9+57 " 24 Ft.
ON RIGHT
STA 0+69 TO STA 0+93 LENGTH 24 Ft.
STA. 6+54 TO STA. 6+78 " 24 Ft.
" 9+33 " " 9+57 " 24 Ft.
NEW CULVERTS REQUIRED
STA. 0+81 Present 2½x2½ Reinf. Conc. Box to be extended. Concrete Class A (1-2-4) 3.4 Cu.yds. Reinforcing Steel 243 Lbs.
STA. 6+66 Present 4X3 Reinf. Conc. Box to be extended. Concrete Class A (1-2-4) 7.0 Cu.yds. Reinforcing Steel 419 Lbs.
STA. 9+65 Present 5x5 Reinf. Conc. Box to be extended and new floor to be constructed. Concrete Class A (1-2-4) 13.0 Cu.yds. Reinforcing Steel 1000.0 Lbs.
FED. ROAD DIST. NO. 9 | STATE VT. | PROJ. NO. 118-A | FISCAL YEAR 1928 | SHEET NO. 3 | TOTAL SHEETS 24
PLAN
SPIKE IN TRUNK OF ELM ELEVATION 500.0 BM #1
DANVILLE - END OF F.A.P. 26
ST. JOHNSBURY TOWN LINE
P.C. 0+43.3
CURVE #1
Δ = 12°12' Lt.
D = 8°
T = 76.5
L = 152.5
E = 4.0
R = 716.3
P.T. 1+95.8
STA 0+81 Present 2½x2½ Reinf. Conc. Box Culv. to be extended.
MRS. H.W. McGRAVIE
P.I. 2+83.9 = 2+83.9
S46°45'E
S58°57'E
S 54°59'E
2½'x2½' Conc. Box
P.I. 1+19.8 = 1+19.3
CURVE #2
Δ = 3°58' Rt.
D = 3°
T = 66.1
L = 132.2
E = 1.2
R = 1910
P.C. 2+17.8
P.T. 3+50
STA. 0+00
BEGINNING OF PROJECT
Sta. 6+66 Present 4x3 Reinf. Conc. Box to be extended.
BARN
H.W. McGRAVIE
Drive
4x3' Conc Box
To Field
Bridge #3
SPIKE IN ROOT 18" ELM ELEVATION 488.02 B.M. #2
Sta. 9+65 Present 5x5 Reinf. Conc. Box to be extended and new floor to be constructed.
Brook
5'x5' Conc. Bridge Good Condition No Floor
4
NOTE:
CULVERT EXTENSIONS STA 0+81, STA 6+66 AND STA 9+65 WILL BE REVISED WHEN NEW CROSS SECTIONS ARE TAKEN.
NOTE
GRAVEL SUBBASE HAS BEEN PLACED ON PROJECT FROM STA 0+00 TO 15+00 SINCE THE SURVEY WAS MADE. THE GRADES AS SHOWN ARE TO BE REVISED WHEN NEW CROSS SECTIONS ARE TAKEN DURING THE STAKE-OUT. CONSEQUENTLY QUANTITIES AND STATIONS OF GRAVEL SHAPING COURSE ARE ONLY APPROXIMATE.
STA. 0+00 TO 10+00 GRAVEL SHAPING COURSE
STA. 10+00 TO 12+00 6" SUB-BASE OF GRAVEL
PROFILE
REV. STA 0+00 200' V.C. ELEV 502.00
STA 0+00 ELEV 502.00 200' V.C.
-1.50%
-0.10%
STA 2+00 200' V.C. ELEV. 501.8
REV. STA 3+00 200' V.C. ELEV. 501.70
-3.40%
-2.24%
REV. STA 6+00 200' V.C. ELEV. 491.50
STA. 7+00 200' V.C. ELEV. 490.6
-1.25%
REV. STA 8+00 200' V.C. ELEV. 489.00
±0.00%
-0.533%
STA. 9+75 200' V.C. ELEV. 489.13
REV. STA 10+25 250' V.C. ELEV. 489.00
-2.105%
-1.86%
REVISED GRADES STA 0+00 TO STA 12+00
ELEV. 465
510
500
490
480
BM. 1 SPIKE IN TRUNK OF ELM 16' LT. STA. -0+32 ELEVATION 500.00
BM. 2 SPIKE IN ROOT 18" ELM 23' LT. STA. 8+67 " 488.02
DANVILLE - ST. JOHNSBURY
PROJECT NO 118-A
SHEET 3 of 24


FED. ROAD DIST. NO. 9 | STATE VT. | PROJ. NO. 118 A | FISCAL YEAR 1928 | SHEET NO. 4 | TOTAL SHEETS 24
TILE UNDERDRAIN REQUIRED
STA. 18+00 TO STA. 21+00 LENGTH 300 ft.
FOR DESIGN SEE SHEET #2
Proposed Underdrain
24+50 - 27+35 L
Located 15' Lt. of ℄
Culvert to be Relaid as Necessary.
Old Underdrain across Road to be Removed.
PC 26+35.2 (REVISED)
NEW CULVERTS REQUIRED
STA. 13+29 New 18. Reinf. Conc. Pipe Length 40 ft. Conc. Class. B (1-2½-5) 3.1 Cu.yds. Reinf. Steel. 33 Lbs.
STA. 16+00 ± New 18" Reinf. Conc. Pipe, + Drop Inlet Length 42 ft. Conc. Class A (1-2-4) 1.5 Cu.yds. " " B (1-2½-5) 1.6 " " Reinf. Steel 129 Lbs.
STA. 18+84 New 18" Reinf. Conc. Pipe, St. Headwalls Length 46 ft. Conc. Class A (1-2-4) 1.9 Cu.yds. Reinf. Steel 54 Lbs.
STA. 21+74 New 18" Reinf. Conc. Pip With Drop Inlet and Precast Top, Outlet Ditch to be provided For. Length 48 ft. Conc. Class B (1-2½-5) 3.1 Cu.yds. Reinf. Steel 33 Lbs.
STA. 25+86 New 18" Reinf. Conc. Pipe, Skew 45°. Length 40 ft. Conc. Class A (1-2-4) 1.9 Cu.yds. Reinf. Steel 54 Lbs.
Mrs. H.W. McGRAVIE
S 54°59' E
W. WARD
DRIVEWAY CULVERT
STA. 14+35 ON RIGHT.
12" Corrug. Galv. Metal Pipe - 50 ft.
Concrete Class "B" (1-2½-5) 1.8 Cu.yds.
Reinforcing Steel 33 Lbs.
P.C. 12+79.1
THIS CURVE TO BE WIDENED AS SHOWN ON SECTIONS
CURVE #3
Δ. 33° 43' Rt.
D. 12°
R. 477.5
T. 144.7
L. 280.9
E. 21.4
P.T. 15+60.0
OLD DRIVE NOT USED
B.M. #3 IN 24" SPR. ELEVATION 469.11
WOOD GUARD RAIL REQUIRED
ON LEFT
STA. 21+78 TO STA. 22+02 Length 24 ft.
" 25+74 " " 25+98 " 24 ft.
ON RIGHT
STA. 13+17 TO STA. 13+41 Length 24 ft.
" 15+88 " " 16+12 " 24 ft.
" 18+72 " " 18+96 " 24 ft.
" 21+62 " " 21+86 " 24 ft.
CABLE GUARD RAIL REQUIRED
ON LEFT
STA. 12+75 TO STA. 22+35 Length 960 ft.
" 23+36 " " 23+84 " 48 ft.
ON RIGHT
STA. 25+74 TO STA. 27+02 Length 128 ft.
" 23+46 " " 24+34 " 88 ft.
CURVE #5
U.S. TIRE SIGN
SPRING
B.M. #4 NE CORNER BRIDGE ELEV. 416.89
Macadam Sections to be Constructed where Slabs are Removed.
APPROACH TO BARN TO BE CONSTRUCTED
BARN
W. RAPP
SHOP
STA. 15+50 TO 27+00 10" SUB-BASE OF GRAVEL
STA. 18+20 TO 21+75 GROUTED COBBLE GUTTER ON RIGHT FOR DESIGN SEE SHEET #2
STA. 12+00 TO 15+50 6" SUB-BASE OF GRAVEL
-1.86%
-2.105%
STA 13+50 200' V.C. ELEV. 487.16
REV. STA 13+50 200' V.C. ELEV. 482.16
-5.07%
REVISED GRADES STA 12+00 TO STA 14+50
-9.26%
REVISED GRADES STA 18+25 TO STA 23+75
STA 19+25 200' V.C. ELEV. 453.01
-9.65%
-3.60%
-3.62%
-3.6%
Profile of Flow Line of Proposed Underdrain 24+50 - 27+35 L.
STA. 26+75 250' V.C. ELEV. 406.12
B.M. 3 SPIKE IN ROOT 24" SPRUCE 50' RT. STA. 16+87 ELEVATION 469.11
B.M. 4 NE. CORNER CONCRETE BRIDGE 14' RT. " 23+71 " 416.89
DANVILLE - ST. JOHNSBURY
PROJECT No. 118 A
SHEET 4 of 24


FED. ROAD DIST. NO. 9 | STATE VT. | PROJ. NO. 118-A | FISCAL YEAR 1928 | SHEET NO. 5 | TOTAL SHEETS 24
WOOD GUARD RAIL REQUIRED
ON LEFT
STA. 27+31 TO STA. 27+55 Length 24 ft.
" 30+01 " " 30+25 " 24 ft.
" 34+15 " " 34+39 " 24 ft.
" 38+03 " " 38+27 " 24 ft.
" 41+60 " " 41+84 " 24 ft.
ON RIGHT
STA. 34+15 TO STA. 34+39 Length 24 ft.
CABLE GUARD RAIL REQUIRED
ON RIGHT
STA. 27+00 TO STA. 35+00 Length 800 ft.
" 36+50 " " 42+50 " 600 ft.
NEW CULVERTS REQUIRED
STA. 28+50± New 24" Reinf. Conc. Pipe Conc. Class A (1-2-4) Reinf. Steel Length 46 ft. 2.6 Cu.yds. 54 lbs.
STA. 30+13 New 18" Reinf. Conc. Pipe Conc. Class A (1-2-4) Reinf. Steel 40 ft. 1.9 Cu.yds. 54 Lbs.
STA. 34+27 New 18" Reinf. Conc. Pipe, St. Headwalls, Conc. Class A (1-2-4) Reinf. Steel Length 34 ft. 1.9 Cu.yds. 54 Lbs.
STA. 38+15± New 15" Reinf. Conc. Pipe Conc. B (1-2½-5) Reinf. Steel Length 44 ft. 2.6 Cu.yds. 33 Lbs.
STA. 41+72 New 18" Reinf. Conc. Pipe Conc. Class B (1-2½-5) Reinf. Steel Length 36 ft. 3.1 Cu.yds. 38 Lbs.
SCHOOL
Proposed Underdrain
P.I. 28+18.0 = 28+03.3
STA. 28+50± New 24" Reinf. Conc. Pipe. Length 46 ft.
STA. 30+13 Existing Culv. 12" C.M.P. Replace with New 18" R.C.P. Length 40 ft.
P.I. 31+06.9 = 31+05.7
S52°56'E
12" C.M.P.
CURVE #6 (REVISED)
Δ = 47°22' Rt.
D = 13°45'
R = 416.7
T = 182.8
L = 344.5
E = 38.3
STA. 27+43 Existing Structure to be removed.
P.C. 26+35.8 (REVISED)
N79°42'E
Proposed Underdrain 24+50 - 27+35 L. Located 15' Lt. of ℄.
P.T. 29+79.7 (REVISED) = 29+88.1 EQUATION = -8.4
P.C. 29+90.8
CURVE #7
Δ = 13°56' Rt.
D = 6°
R = 955.0
T = 116.7
L = 232.2
E = 7.1
P.T. 32+22.4
STA. 32+50-34+25 LT. PROPOSED UNDERDRAIN 15 FT. LT. OF ℄
STA. 34+27 Existing Culv. 12" C.M.P. Replace with New 18" R.C.P. St. Headwalls Length 34 ft.
P.C. 34+42.6
S39°00'E
B.M. #5 SPIKE IN ROOT 12" ELM ELEVATION 374.50
Culvert to be Relaid as Required. Old Underdrain to be Removed.
Macacadam Sections to be Rebuilt where Pavement is Removed.
D.F. McLEAN
CURVE #8
Δ = 3°36' LT.
D = 2°
R = 2865.0
T = 90.0
L = 180.0
E = 1.4
P.I. 35+32.6 = 35+32.6
P.T. 36+22.6
NOTE: DRIVE TO BE RELOCATED TO MEET NEW ROADWAY.
PROPOSED RELOCATION
DRIVEWAY CULVERT
STA. 36+25 ON LEFT
12" Corrug. Galv. Metal Pipe - 20 ft.
Conc. Class B (1-2½-5) 1.8 Cu.yds.
Reinforcing Steel 33 Lbs.
H.A. BORICK
10" TILE
G.R.
R.W.
STA. 38+15 New 15" R.C.P. Length 44 ft.
S42°36'E
W.E. BAILEY
BERT STANLEY
P.C. 40+30.3
P.I. 41+49.2 = 41+48.4
STA. 41+72 Existing Culv. 12" C.M.P. Replace with New 18" R.C.P. Length 36 ft.
12" C.M.P.
S30°45'E
CURVE #9
Δ = 11°51' Rt.
D = 5°
R = 1146.0
T = 118.9
L = 237.0
E = 6.1
P.T. 42+67.3
Profile of Flow Line of Proposed Underdrain 24+50 - 27+35 L.
27+35 15' L 398.74
27+50 38' R 384.0
-5.48%
Flow Line of Pipe not less than Figured. To be 6" below Top of Ledge.
STA. 31+50 200' V.C. ELEV. 380.09
-5.98%
-5.500%
+27 ELEV. 358.02 at outlet
STA. 38+00 250' V.C. ELEV. 341.22
STA. 40+75 200' V.C. ELEV. 332.17
-3.29%
-0.55%
STA. 27+00 TO 37+00 10" SUB-BASE OF GRAVEL
STA. 37+00 TO 42+00 6" SUB-BASE OF GRAVEL
STA. 42+00 TO 43+00 10" SUB-BASE OF GRAVEL
B.M. 5 SPIKE IN ROOT 12" ELM 15' RT. STA. 32+43 ELEVATION 374.50
DANVILLE - ST. JOHNSBURY
PROJECT NO. 118-A
SHEET 5 of 24

FED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	118 A	1928	6	24

CABLE GUARD RAIL REQUIRED
ON RIGHT
STA. 43+28 TO STA. 44+48 LENGTH 328 FT.

WOOD GUARD RAIL REQUIRED
ON LEFT
STA. 45+88 TO STA. 46+12 LENGTH 24 FT.
" 49+54 " " 49+78 " 24 FT.
" 53+66 " " 53+90 " 24 FT.
ON RIGHT
STA. 49+54 TO STA. 49+78 LENGTH 24 FT.
" 53+66 TO STA. 53+90 " 24 FT.

NEW CULVERTS REQUIRED
STA. 44+00± New 18" Reinf. Conc. Pipe, Drop Inlet with Precast Top. LENGTH 30 FT.
Conc. Class B (1-2½-5) 3.3 Cu.yds.
Reinf. Steel 33 Lbs.
STA. 49+66 New 18" Reinf. Conc. Pipe, LENGTH 54 FT.
Conc. Class A (1-2-4) 1.9 Cu.yds.
Reinf. Steel 54 Lbs.
STA. 53+78 New 18" Reinf. Conc. Pipe, ST Headwalls, LENGTH 30 FT.
Conc. Class A (1-2-4) 1.9 Cu.yds.
Reinf. Steel 34 Lbs.

CURVE #10
Δ = 7°18' LT.
D = 5°
R = 1146.0
T = 73.1
L = 146.0
E = 2.3
PC. 44+46.1
PT. 45+92.1

CURVE #12
Δ = 6°50' LT.
D = 4°
R = 1432.5
T = 85.5
L = 170.8
E = 2.5
PC. 49+17.8
PT. 50+88.0

CURVE #11
Δ = 5°12' Rt.
D = 5°
R = 1146.0
T = 52.0
L = 104.0
E = 1.2
PC. 47+11.8
PT. 48+15.8

CURVE #13
Δ = 20°16' Rt.
D = 5°30'
R = 1041.8
T = 186.2
L = 368.5
E = 17.3
PC. 53+17.8
PT. 56+86.3

H.A. BORICK
A.W. PORTER
W.E. BAILEY
D.A. HOUGHTON
BARN
GARAGE

SPIKE IN ROOT 30" ELM
ELEVATION 304.80
BM. #7

BM #6
STONE NO. SIDE
BAILEY BARN
ELEVATION 325.10

S 30°45' E
S 38°03' E
S 32°51' E
S 39°41' E
S 75°25' E

P.I. 45+19.5 = 45+19.0
P.I. 47+63.2 = 47+63.3
P.I. 50+02.7 = 50+02.5
P.I. 55+04.0 = 55+00.1

STA. 43+00 TO 58+50 10" SUB-BASE OF GRAVEL
STA. 58+50 TO 59+00 6" SUB-BASE OF GRAVEL

-0.55%
-6.20%
-2.49%
-4.08%

STA. 46+87.5
225' V.C.
ELEV. 328.81

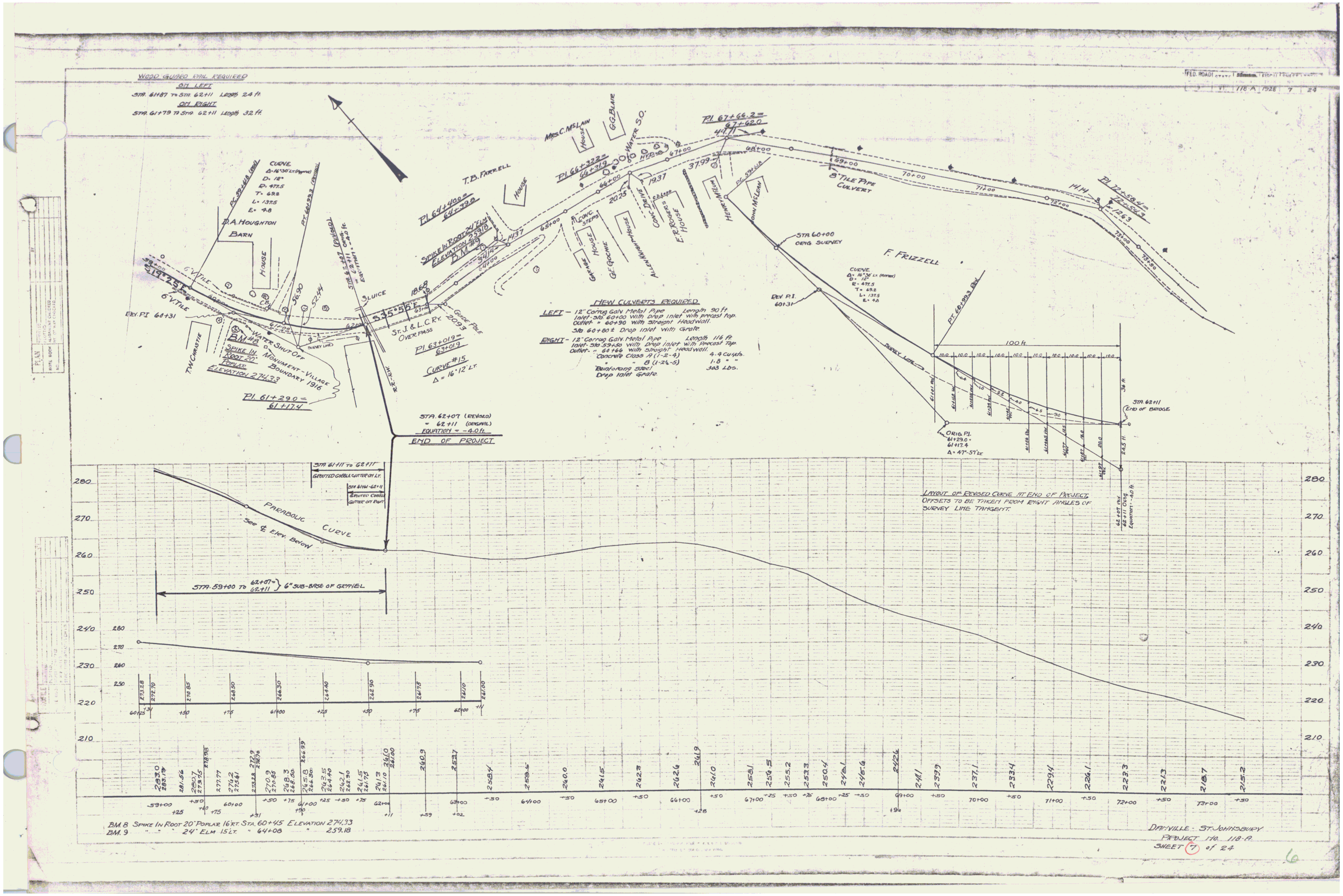
STA. 49+75
200' V.C.
ELEV. 310.99

STA. 56+50
150' V.C.
ELEV. 294.18

STA. 58+75
200' V.C.
ELEV. 285.0

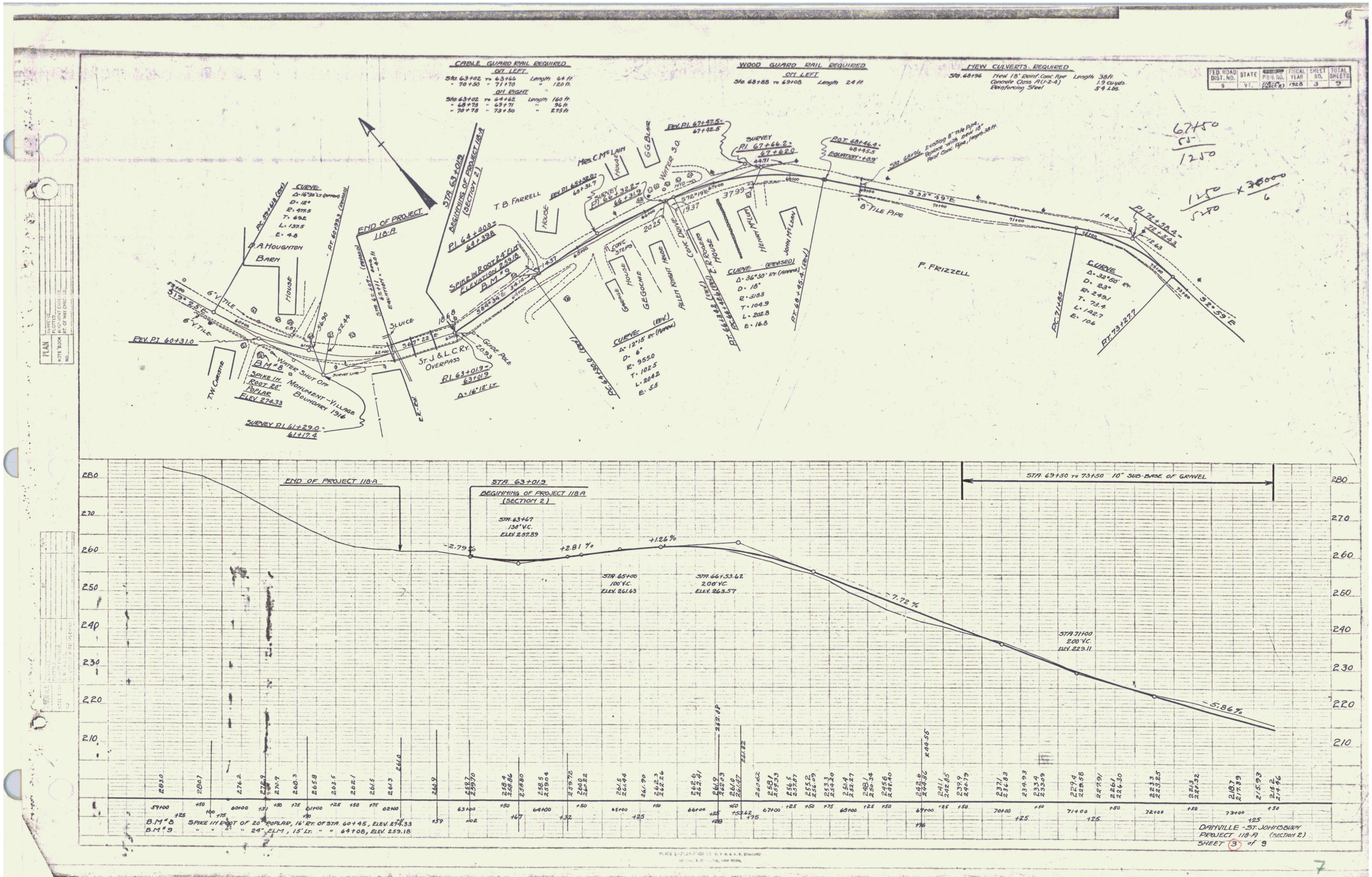
BM. 6 STONE NO. SIDE BAILEY BARN 19' ET. STA. 46+31 ELEVATION 325.10
BM. 7 SPIKE IN ROOT 30" ELM 27' LT. STA. 52+66 " 304.80

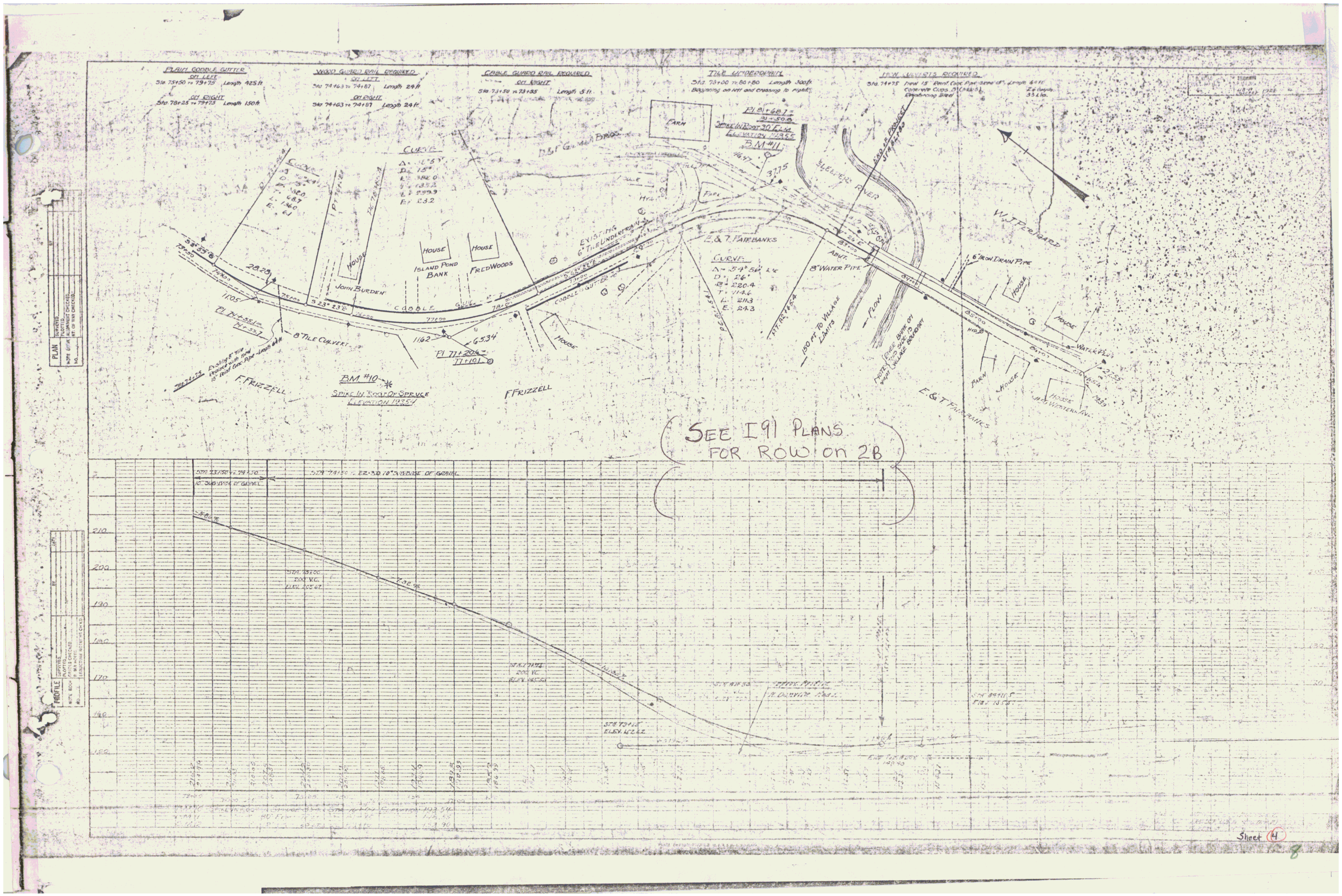
DANVILLE - ST JOHNSBURY
PROJECT NO. 118-A
SHEET 6 of 24



DANVILLE - ST. JOHNSBURY
PROJECT NO. 118-A
SHEET 7 of 24

6


CABLE GUARD RAIL REQUIRED
ON LEFT
Sta. 63+02 to 63+66 Length 64 ft.
" 70+50 " 71+70 " 120 ft.
ON RIGHT
Sta. 63+02 to 64+62 Length 160 ft.
" 68+75 " 69+71 " 96 ft.
" 70+78 " 73+50 " 275 ft.
WOOD GUARD RAIL REQUIRED
ON LEFT
Sta. 68+88 to 69+08 Length 24 ft.
NEW CULVERTS REQUIRED
Sta. 68+96 New 18" Reinf. Conc. Pipe Length 38 ft.
Concrete Class A (1-2-4) 1.9 cu. yds.
Reinforcing Steel 54 Lbs.
FED. ROAD DIST. NO. 9
STATE VT.
PROJ. NO. 118-A (Sec. 2)
FISCAL YEAR 1928
SHEET NO. 3
TOTAL SHEETS 9
END OF PROJECT 118-A
STA. 63+01.9 BEGINNING OF PROJECT 118-A (SECTION 2)
T. B. FARRELL
Mrs. C. McLAIN
G. G. BLAIR
A. A. HOUGHTON
BARN
HOUSE
F. FRIZZELL
ST. J. & L. C. RY. OVERPASS
SLUICE
8" TILE PIPE
6" V. TILE
S 33° 49' E
S 32° 59' E
CURVE
Δ = 16° 30' Lt.
D = 12°
STA. 69+50 TO 73+50 10" SUB-BASE OF GRAVEL
STA. 63+67 130' V.C. ELEV. 257.89
STA. 65+00 100' V.C. ELEV. 261.63
STA. 66+53.62 200' V.C. ELEV. 263.57
STA. 71+00 200' V.C. ELEV. 229.11
-2.79%
+2.81%
+1.26%
-7.72%
-5.86%
280
270
260
250
240
230
220
210
B.M. 8 SPIKE IN ROOT OF 20" POPLAR, 16' RT. OF STA. 60+45, ELEV. 274.33
B.M. 9 " " " 24" ELM, 15' Lt. " " 64+08, ELEV. 259.18
DANVILLE - ST. JOHNSBURY
PROJECT 118-A (SECTION 2)
SHEET 3 of 9
7


PLAIN COBBLE GUTTER
ON LEFT
Sta. 75+50 to 79+75 Length 425 ft.
ON RIGHT
Sta. 78+25 to 79+75 Length 150 ft.
WOOD GUARD RAIL REQUIRED
ON LEFT
Sta. 74+63 to 74+87 Length 24 ft.
ON RIGHT
Sta. 74+63 to 74+87 Length 24 ft.
CABLE GUARD RAIL REQUIRED
ON RIGHT
Sta. 73+50 to 73+55 Length 5 ft.
TILE UNDERDRAIN
Sta. 78+00 to 80+80 Length 300 ft.
Beginning on left and crossing to right.
NEW CULVERTS REQUIRED
Sta. 74+75 New 15" Reinf. Conc. Pipe Skew 15° Length 64 ft.
Concrete Class B
Reinforcing Steel
33 Lbs.
CURVE
D. 5°
T. 68.7
L. 136.0
E. 6.1
CURVE
D. 15°
E. 23.2
CURVE
Δ = 54° 56'
D. 26°
R. 220.4
T. 114.6
L. 211.3
E. 24.3
PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
NOTE BOOK
NO.
S 8° 55' E
73+50
74+00
28.28
11.05
75+00
S 23° 23' E
76+00
77+00
78+00
PI 74+55.1 = 74+53.7
8" TILE CULVERT
Sta. 74+75 Existing 8" Tile Replace with new 15" Reinf. Conc. Pipe - Length 64 ft.
JOHN BURDEN
HOUSE
ISLAND POND BANK
FRED WOODS
COBBLE GUTTER
11.62
65.34
PI 77+20.6 = 77+10.1
BM #10
SPIKE IN ROOT OF SPRUCE
ELEVATION 193.54
F. FRIZZELL
EXISTING 6" TILE UNDERDRAIN
E. & T. FAIRBANKS
FARM
D & F GRAY BROS.
PI 81+68.7 = 81+50.6
SPIKE IN ROOT 30" ELM
ELEVATION 149.55
B.M. #11
46.47
37.75
SLEEPER'S RIVER
END OF PROJECT STA. 86+80
ABUT.
8" WATER PIPE
83+00
84+00
85+00
86+00
150 FT. TO VILLAGE LIMITS
FLOW
NOTE: RIVER BANK ON THIS SIDE IS VILLAGE BOUNDARY
W. J. PERIGARD
6" IRON DRAIN PIPE
HOUSE
BARN
HYD.
WATER PLUG
27.55
19.39
HOUSE 1150 WESTERN AVE.
E. & T. FAIRBANKS
SEE I91 PLANS FOR ROW on 2B
STA. 73+50 to 74+50 10" SUB-BASE OF GRAVEL
STA. 74+50 to 82+30 10" SUB-BASE OF GRAVEL
-5.86%
-7.32%
-10.30%
STA. 75+00 200' V.C. ELEV. 205.67
STA. 79+75 200' V.C. ELEV. 185.53
PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTES
STRUCTURE NOTATIONS CHKD.
210
200
190
180
170
160
150
SPIKE IN ROOT OF SPRUCE ELEVATION 193.54
Sheet 4
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