INDEX OF SHEETS

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

INTERSTATE PROJECT

TOWNS OF LYNDON-WHEELOCK-SHEFFIELD-GLOVER-BARTON

COUNTIES OF CALEDONIA-ORLEANS

INTERSTATE ROUTE 91

SECTION I

LYNDON-BARTON

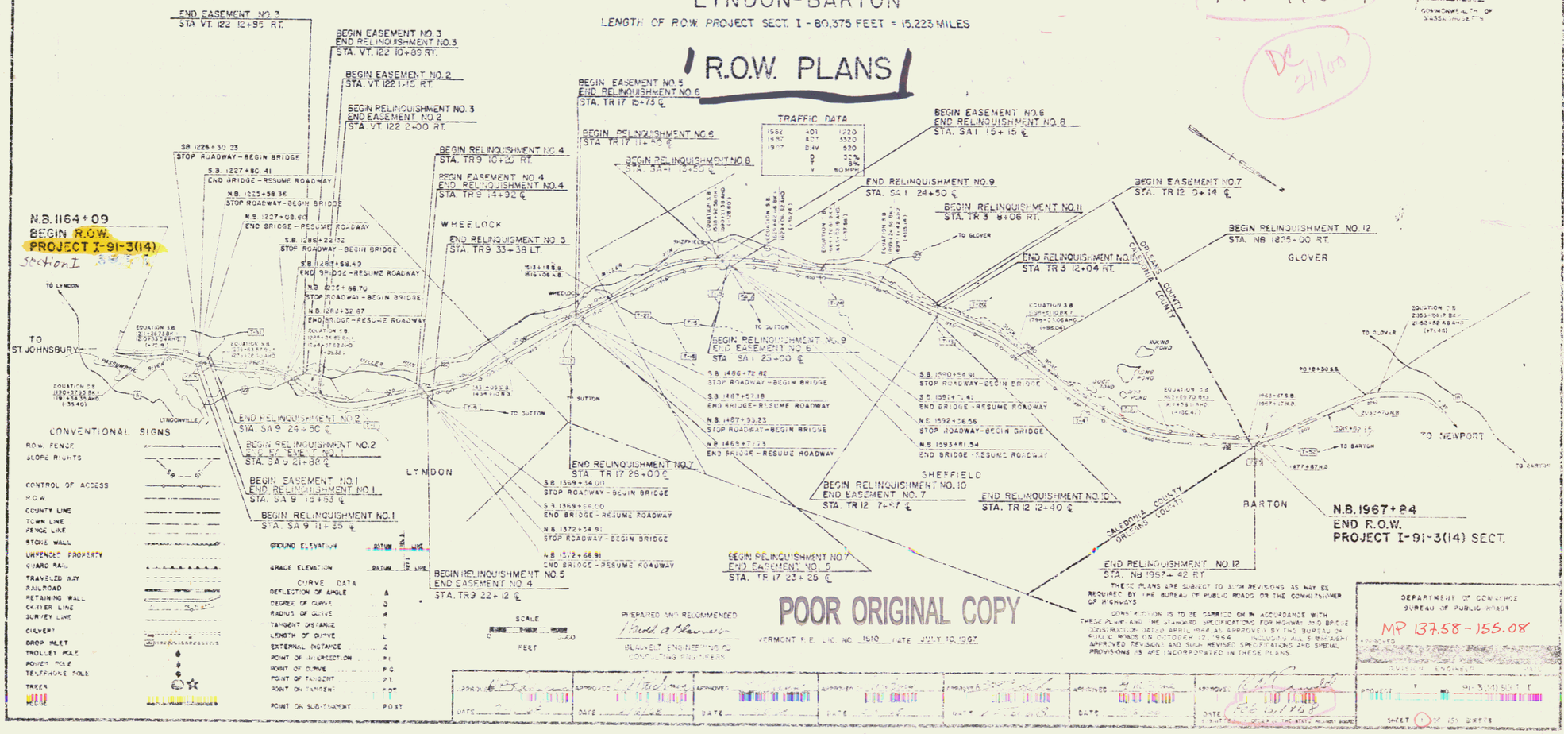
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LENGTH OF ROW PROJECT SECT. I - 80,375 FEET = 15.223 MILES

R.O.W. PLANS







PREPARED AND RECOMMENDED
BLUSEVIT ENGINEERING CO.
CONSULTING ENGINEERS

POOR ORIGINAL COPY

VERMONT P.E. LIC. NO. 1510 DATE JULY 10, 1967

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 CONSERVE
BUREAU OF PUBLIC ROADS
APPROVED
MP 137.58 - 155.08
DIVISION ENGINEER

APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED
DATE	DATE	DATE	DATE	DATE	DATE

PROJECT I 91-3(14) SECT. I
SHEET 1 OF 151 SHEETS

26

Jute Matting, Item 623*
SB 1170+25 - 1173+00 Rt.
NB 1170+20 - 1172+00 Rt.

Property Line Fence with Steel Posts (Mod), Item 589.11
SB 1167+08 - 1175+00 Lt.
NB 1164+09 - 1175+00 Rt.

END PROJECT I-91-3(9)

BEGIN PROJECT I-91-3 (10)

BEGIN CONTRACT 1
NB & SB 1165+00

Demolition & Disposal of Building, Item SP6
SB 1170+50 - 185' Lt.

Treated Timber Curb, Item 608*
SB 1173+50 - 1174+50 Lt.

Three Cable Guard Rail with Steel Posts (Mod), Item 643.11
SB 1173+38 - 1174+50 Lt.
NB 1165+75 - 1167+35 Rt.
NB 1174+50 - 1175+00 Rt.

SB 1175+00
250 Lt.

B.M.1
U.S. ELEV.
822.364

MORSE
HOMER JOHNSON

SB 1167+08
250 Lt.

SB 1166+21
108 Lt.

770'

24" Elm

45" Butternut

Spike in root

18" Elm
88.18

400'

N 21° 34' W

SOUTHBOUND ROADWAY

NORTHBOUND ROADWAY

Lane

60'

Bronze Disc in Conc. Post

P.B.M. LB-1
U.S. ELEV.
812.34

NB 1164+09 RT
BEGIN R.O.W.
PROJECT I-91-3(14), SECT. I

45" Elm
85.93'

24" Spruce
30.27'

Top 1:2 Slope

P.O.C. 1169+33.74

P.O.C. 1169+00

P.O.C. 1171+94.72

P.O.T. 1165+00

P.O.T. 1169+00

P.O.T. 1171+80

780'

386'

I-A

2

Shed

Garage

Barn

NB 1164+50 Lt. - 50' Rt.
New 18"x80' RCCSMP-Type II

NB 1164+75 - 1165+50 Rt.
Construct Berm, Item 203*

NB 1165+50 - 1166+50 Rt.
New 18"x80' RCCSMP-Type II

NB 1166+50 - 1167+50 Rt.
New 8"x56' Underdrain Type I

NB 1170+00 Rt. - 1170+50 Rt.
New 8"x50' Pipe Type II

NB 1170+00 Lt. - 1170+50 Lt.
New 18"x68' RCCSMP-Type II

NB 1170+00 Lt. - 1174+00 Lt.
New 8"x350' Underdrain Type I

NB 1170+18 - 1174+00 Lt.
New 8"x368' Underdrain Type I

NB 1171+59
150' Rt.

NB 1164+09
150' Rt.

HOMER JOHNSON
BAILEY

BAILEY
MORSE

B.M.2
U.S. ELEV.
843.069

Stream From Springs

79

Approx. Location of Reservoir

Water Line To Dimply

* Denotes Stage II Construction

CONTROL OF ACCESS COMPLETE ON THIS SHEET

0 50 100
SCALE IN FEET

CONTRACT NO. 1
STAGE II CONSTRUCTION

TOWNS OF LYNDON BARTON

PROJECT I-91-3 (14)
SECT. I

STA 1165+00 NB TO STA 1175+00 NB
1165+00 SB 1175+00 SB

Sheet No. 27 of 135 Sheets

BLUEWELT ENGINEERING CO. ORLEANS, VERMONT

PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
RIGHT OF WAY CHECKED
TRACED

DATE
7-8-72
7-9-72
7-10-72
7-11-72
7-12-72

2

Property Line Fence with Steel Posts (Mod), Item 523 II
SB 1175+00 - 1183+65 Lt.
NB 1175+00 - 1190+00 Rt.

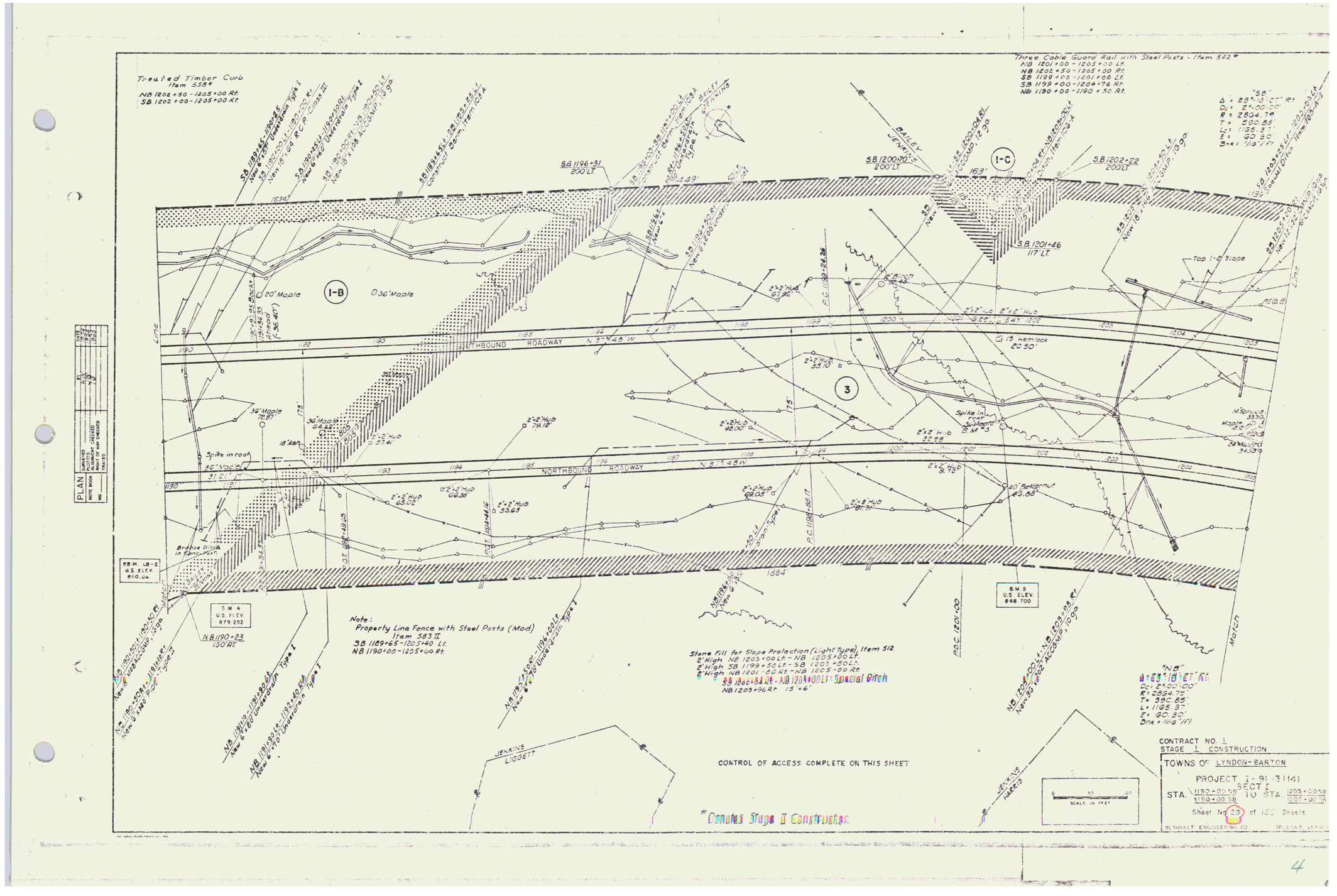
Stone Fill for Slope Protection (Light Type), Item 512
2'High - SB 1174+00 Lt - SB 1177+25 Lt.
2'High - SB 1186+00 Lt - SB 1187+50 Lt.
2'High - NB 1175+50 - NB 1178+00 Rt.
2'High - SB 1186+25 - SB 1187+90 Rt.
2'High - NB 1186+90 - NB 1189+50 Lt.
NB 1176+00 Rt - 10'x14'
2'High - NB 1175+90 - NB 1176+10 Rt.

Three Cable Guard Rail with Steel Posts-Item 542*
NB 1175+00 - 1178+02 Rt.
NB 1187+00 - 1189+08 Lt.
SB 1176+00 - 1177+60 Lt.
NB 1186+30 - 1190+00 Rt.
SB 1185+20 - 1187+56 Lt.
SB 1186+20 - 1188+60 Rt

Treated Timber Curb - Item 558*
SB 1186+00 - 1187+56 Lt.
NB 1187+00 - 1189+08 Lt.

"B.B."
Δ = 16°14'49" Lt.
Dc = 0°50'00"
R = 6875.49'
T = 981.40'
Lc = 1949.63'
E = 69.22'
Bnk = 1/4" /ft.

SOUTHBOUND ROADWAY
NORTHBOUND ROADWAY
POND
N21°-34'W
N37°-48'W
S.B. 1175+48 237' LT.
S.B. 1179+68 200' LT.
1634'
907'
304'
299'
144'
312'
(386')
(62')
(74')
620'
620'
I-A
I-B
2
Match Line
2½" Hub
8" Spruce 23.18'
15" Spruce
12" Spruce 15.19'
36" Oak
48" Maple 21.76
3-36" Maple
Spike in root 1186
Spike in root 1189
Iron Pipe Found
Concrete Bound
BM U.S. ELEV 870.541
N.B. 1175.67 150' RT.
N.B. 1184+50 150' RT.
N.B. 1187+50 250' RT.
N.B. 1175+00 Lt-1175+96 Rt-New 30"x 96' RCCAP, 16 ga
N.B. 1176+04 Rt-SB 1176+53 Lt-New 24"x 38' CSP, 14 ga w/ 18"x 80' RCCAP, 16 ga
N.B. 1184+00 Lt-New 18"x 120' Corrugated Iron Pipe I
N.B. 1184+77 Lt-Rt-New 18"x 120' Corrugated Iron Pipe I
N.B. 1187+22 Lt-N.B. 1188+00 Rt-New 30"x 80' RCCAP, 16 ga
N.B. 1188+00 Rt-Stone Fill End of Ditch per Item 511.12
SB 1183+50 New 6'-1" C.M.P.A. 16 ga
SB 1184+00 New 6'x 60' C.M.P.A. 16 ga
SB 1185+50 New 6'x 60' C.M.P.A. 16 ga
SB 1186+00 New 6'x 93' Corrugated Iron Pipe II
SB 1186+00 Lt. New 18" RCCAP, 16 ga
SB 1186+50 Lt. New 18" RCCAP, 16 ga
SB 1187+50 Lt. New 18" RCCAP, 16 ga
SB 1188+00 Lt. New 18" RCCAP, 16 ga
SB 1188+50 Lt. New 18" RCCAP, 16 ga
POC 1184+50
POC 1187+50
POC 1188+00
Type I
Type II
Type II
Type II


Treated Timber Curb
Item 538*
NB 1202+50 - 1205+00 Rt.
SB 1202+00 - 1205+00 Rt.
Three Cable Guard Rail with Steel Posts - Item 542*
NB 1201+00 - 1205+00 Lt.
NB 1202+50 - 1205+00 Rt.
SB 1199+00 - 1201+06 Lt.
SB 1199+00 - 1204+76 Rt.
NB 1190+00 - 1190+50 Rt.
"SB"
Δ = 28°-10'-27" Rt
Dc = 2°-00'-00"
R = 2864.79'
T = 590.85'
Lc = 1155.37'
E = 60.30'
Brk = 11/6 Ahd
SB 1196+31
200' Lt.
SB 1200+70
200' Lt.
SB 1202+22
200' Lt.
SB 1201+46
117' Lt.
I-B
I-C
3
36" Maple
20" Maple
15" Hemlock
40" Butternut
14" Spruce
NORTHBOUND ROADWAY
SOUTHBOUND ROADWAY
N 3°-14'-28" W
N 3°-14'-28" W
Top I-C Slope
Spike in root
36" Maple
B.M. 5
Bronze Disc in Rock
R.B.M. LB-2
U.S. ELEV.
860.06
B.M. 4
U.S. ELEV.
879.292
B.M. 5
U.S. ELEV.
848.700
Note:
Property Line Fence with Steel Posts (Mod)
Item 583 II
SB 1189+65-1205+40 Lt.
NB 1190+00-1205+00 Rt.
Stone Fill for Slope Protection (Light Type), Item 512
2' High NB 1203+00 Lt - NB 1205+00 Lt.
2' High SB 1199+50 Lt - SB 1203+50 Lt.
2' High NB 1201+20 Rt - NB 1205+90 Rt.
SB 1202+84 Rt - NB 1203+00 Lt - Special Ditch
NB 1203+96 Rt 15' x 6'
"NB"
Δ = 15°-18'-27" Rt
Dc = 2°-00'-00"
R = 2864.79'
T = 390.85'
L = 1165.37'
E = 60.30'
Brk = 11/6 Ahd
CONTROL OF ACCESS COMPLETE ON THIS SHEET
JENKINS
LIGGETT
JENKINS
HARRIS
JENKINS
BAILEY
SCALE IN FEET
0
50
100
PLAN
SURVEYED
ALIGNMENT CHECKED
RIGHT OF WAY CHECKED
NOTE BOOK
NO.
CONTRACT NO. 1
STAGE 1 CONSTRUCTION
TOWNS OF LYNDON-BARTON
PROJECT I-91-3(14)
SECT I
STA. 1190+00 NB 1190+00 SB TO STA. 1205+00 NB 1205+00 SB
Sheet No. 20 of 150 Sheets
BLAUVELT ENGINEERING CO.
SPRINGFIELD, VERMONT
Census Stage II Construction
4

Three Cable Guard Rail with Steel Posts, Item 542*
SB 1209+00 - 1212+12 Lt.
SB 1209+50 - 1217+90 Rt.
NB 1211+80 - 1220+00 Rt.
NB 1214+00 - 1219+60 Lt.
NB 1205+00 - 1205+06 Rt.

Treated Timber Curb - Item 558*
NB 1213+00 - 1220+03 Rt.
NB 1214+00 - 1218+00 Lt.
SB 1209+50 - 1215+00 Rt.

Standard Steel Beam Guard Rail With Steel Posts, Item 545-A*
SB 1218+75 - 1219+25 Rt.

Property Line Fence with Steel Posts (Mod.), Item 583 II
SB 1205+40 - 1220+00 Lt.
NB 1205+00 - 1220+00 Rt.

SB 1212+28
200' LT

(1139')

1504'

Top 1-2 slope

SOUTHBOUND ROADWAY

NORTHBOUND ROADWAY

N 14° 30' W

3

4-A

Creek

Spikemark 6.93
24" Maple

Chinkapin 33.38

12" Maple 22.04

17.25' 15" Maple

31.93 24" Maple

B.M. 6
U.S. ELEV.
832.608

(1884)

538'

Wood Bridge

Dirt Drive

NB 1209+61
150' Rt.

NB 1213+50
190' Rt.

NB 1216+50
255' Rt.

NB 1215+00
150' Rt.

NB 1205+56 Rt.
Bituminous Concrete Curb
Drain, Item 554

NB 1207+00 Lt.-1207+50 Rt.
New 8"x16" Underdrain Type I

NB 1207.50 Rt.-1208+38 Rt.
New 6"x16" Underdrain, Type I

NB 1209+00 Lt.-Rt.
New 18"x50' A.C.C.M.P., 16 ga

NB 1211+00 Rt.
New 24"x50' A.C.C.M.P., 16 ga
w/ C.M.C.P., 16 ga

NB 1211+00 Rt.-1220+00 Rt.
New 48"x150' A.C.C.M.P., 12 ga

NB 1212+40 Rt.
New 24"x100' A.C.C.M.P., 16 ga

NB 1216+50 Rt.
New 24"x80' A.C.C.M.P., 16 ga

NB 1216+50 Rt.
New 24"x120' A.C.C.M.P., 16 ga

NB 1218+00 Lt.-Rt.
New 24"x120' A.C.C.M.P., 16 ga

NB 1219+00 Lt.-Rt.
New 18"x120' A.C.C.M.P., 16 ga

NB 1220+00 Lt.-Rt.
New 24"x120' C.M.C.P., 16 ga

NB 1213+50 Rt.
New 18"x80' A.C.C.M.P., 16 ga

Stone Fill for Slope Protection (Light Type), Item 512
2'High NB 1215+25 Lt.-NB 1216+00 Lt.
2'High SB 1209+50 - SB 1212+53 Lt.
SB 1211+27 Rt. - NB 1211+40 Lt. Special Ditch
2'High NB 1211+50 - 1216+00 Lt.
2'High NB 1218+00 - 1219+00 Lt.
NB 1212+00 Rt. 15'x8'
SB 1219+00 Rt. 10'x4'
NB 1219+00 Rt. 10'x4'

Removal of Present Superstructure
Item 442
NB 1216+45 - 155' Rt.

CONTROL OF ACCESS COMPLETE ON THIS SHEET

*Denotes Stage II Construction

0 50 100
SCALE IN FEET

PLAN
SURVEYED / PLOTTED / COMPUTED / CHECKED
NOTE BOOK / PLANT OF WAY CHECKED
NO. / TRACED

DATE
8-62
8-62

CONTRACT NO. 1
STAGE I CONSTRUCTION
TOWNS OF LYNDON-BARTON
PROJECT I-91-3 (4)
SECT I
STA. 1205+00 NB TO STA. 1220+00 NB
1205+00 SB 1220+00 SB
Sheet No. 30 of 155 Sheets
BLAUVELT ENGINEERING CO. ST. ALBANS, VERMONT

5

BEGIN RELINQUISHMENT NO.1
STA. S.A.9 11+35 (CL)
LENGTH (445'±)

S.A.#9 11+35 33'LT

S.A.#9 11+35 33'RT

(S.A.#9) 15+73 33'LT

BEGIN EASEMENT NO.1
END RELINQUISHMENT NO.1
STA. S.A.9 15+83 (CL)
LENGTH (605'±)

Construct Drive (16)
S.A.#9 15+60 Rt

BEGIN RELINQUISHMENT NO.2
END EASEMENT NO.1
STA. S.A.9 21+88 (CL)
LENGTH (262'±)

END RELINQUISHMENT NO.2
STA. S.A.9 24+50 (CL)

Curve Data
Vail Hill Road
Δ=28°-22-40" Rt
D=2°-30'
R=2291.81'
T=537.07'
L=1055.11'
E=62.09'
Brk=½ Ft

Property Line Fence with Steel Posts (Mod), Item 583 II
SB 1220+00 - 1226+45 Lt.
SB 1227+90 - 1229+80 Lt.
SB 1226+20 Rt - NB 1225+70 Lt.
SB 1227+75 Rt. - NB 1227+20 Lt.
NB 1220+00 - 1225+50 Rt.
NB 1226+90 - 1230+00 Rt.

Three Cable Guard Rail with Steel Posts, Item 542*
NB 1220+00 - 1220+76 Rt.
NB 1223+61 - 1225+61 Lt.
NB 1223+29 - 1225+29 Rt.
NB 1227+07 - 1230+00 Rt.
NB 1227+25 - 1229+57 Lt.
SB 1225+59 - 1226+31 Lt.
SB 1227+97 - 1229+80 Rt.
SB 1228+02 - 1229+80 Lt.
SB 1225+76 - 1226+00 Rt.

Two Cable Guard Rail, Item 541
S.A.#9 12+40 - 16+24 Lt.
S.A.#9 21+46 - 24+50 Lt.

Bituminous Concrete Surface for Gutters and Traffic Islands, Item 554*
NB 1227+60 Lt.

Treated Timber Curb - Item 558*
NB 1220+00 - 1220+50 Rt.
NB 1227+24 - 1229+50 Lt.
SB 1220+00 - 1229+80 Lt.

Type of Inst	Date	Town	Book	Page
Agreement	October 3, 1974	Lyndon	63	500-507

CONTROL OF ACCESS COMPLETE ON THIS SHEET

* Denotes Stage II Construction

Stone Fill for Slope Protection (Light Type) Item 512
S.A.#9 12+15 - 12+35 Rt.
SB 1225+00 Rt - NB 1225+00 Lt - Special Ditch
S.A.#9 16+10 - 16+40 Lt. - Special Ditch
SB 1226+00 - 1226+50 Lt. Berm
NB 1228+65 - 1229+30 Lt.
SB 1228+45 - 1228+67 Lt. Inlet

Jute Matting, Item 623
S.A.#9 18+25 - 19+15 Lt.
S.A.#9 20+05 - 21+00 Lt.
S.A.#9 13+30 - 15+10 Rt.
S.A.#9 16+00 - 16+25 Rt.
S.A.#9 18+75 - 19+30 Rt.
S.A.#9 23+20 - 24+10 Rt.
S.A.#9 20+85 - 21+00 Rt.
NB 1227+60 - 1228+16 Rt. *

Stone Fill for Slope Protection (Heavy Type), Item 511
SB 1229+76 Rt - NB 1228+78 Lt. (Median)
NB 1228+55 - 1228+84 Rt.

Riprap (Heavy Type), Item 513-A
SB 1228+30 - 1229+60 Lt.
SB 1228+60 - 1229+00 Rt.
NB 1228+60 - 1229+30 Lt.

CONTRACT NO. 1
STAGE 1 CONSTRUCTION
TOWNS OF LYNDON-BARTON
PROJECT I-91-3(14) SECT. I
STA. 1220+00 NB TO STA 1230+00 NB
1220+00 SB 1229+80 SB
Sheet No. 31 of 138 Sheets
BLAUVELT ENGINEERING CO. ORLEANS, VERMONT

PLAN NOTE BOOK NO. ____
SURVEYED / ALIGNMENT CHECKED / R.O.W. CHECKED / TRACED

LYNDON INSTITUTE, INC
VERMONT STATE COLLEGES
Vocational Dorm
Gymnasium
Construction
Pond
Frame Poultry House
Spring
Bronze Disc in Conc. Post
B.M. LB-3 U.S. ELEV. 838.53
B.M. 7 U.S. ELEV. 838.15
Spike in Root
Pond
Water Line
Match Line
Existing Right of Way
Vail Hill Road
Lyndon Institute
Vermont State Colleges
Mathewson
Construct Drive (16) S.A.#9 15+60 Rt
End Construction S.A.#9 24+50
6" Copper Pipe (Lyndonville Water Supply) LYNDON INSTITUTE, INC. Water Service
Pole #12
Pole #13
Pole #14
Pole #15
Pole #16
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Stone Fill for Slope Protection (Light Type) Item 512
SB 1236+50 Rt - NB 1237+05 Lt Special Ditch
NB 1237+05 Rt 10'x4'
NB 1245+00 Rt 10'x4'
SB 1236+50 - 1244+00 Lt 2'High
NB 1238+00 - 1245+00 Lt 2'High
SB 1239+10 - 1239+45 Lt
SB 1239+73 Rt - NB 1239+76 Lt Special Ditch

Three Cable Guard Rail with Steel Posts - Item 542*
SB 1229+80 - 1233+77 Rt
SB 1236+00 - 1243+37 Lt
SB 1236+00 - 1245+00 Rt
NB 1230+00 - 1230+19 Rt
NB 1237+00 - 1245+00 Rt
NB 1238+50 - 1245+00 Lt
SB 1229+80 - 1230+02 Lt

Property Line Fence with Steel Posts (Modi.), Item 583 II
SB 1229+80 - 1245+00 Lt
NB 1230+00 - 1245+00 Rt

Treated Timber Curb - Item 558*
SB 1236+50 - 1240+00 Lt
NB 1238+50 - 1245+00 Lt
NB 1240+50 - 1245+00 Rt
SB 1229+80 - 1230+00 Lt

"SB"
Δ = 70°-59'-33" Lt
Dc = 1°-30'-00"
R = 3819.72'
T = 707.58'
Lc = 1839.21'
E = 34.99'
Sk = 1/2"/ft.

"NB"
Δ = 209°-59'-23" Lt
Dc = 1°-30'-00"
R = 3819.72'
T = 707.58'
Lc = 1839.21'
E = 34.99'
Sk = 1/2"/ft.

SB 1239+67 200' Lt.
Chan. Line No. 2 P.O.T. 9+98.2
2877'
P.B.M. L.B.4 U.S. ELEV. 841.39
Bronze Disc in Conc. Post
Top 1-2 Slope
(1027')
(1759')
P.O.C. 1232+50
P.O.C. 1234+50
P.O.C. 1231+50
P.O.C. 1233+50
P.O.C. 1237+50
P.O.C. 1231+50
SB 1230+00 Lt. New 12"x30' CSMP, 16ga or CMCP, 16ga
SB 1230+25 Rt. New 8"x12' Pipe Underdrain, Type I
SB 1231+15 Lt. - 1234+15 Lt. New 6"x100' Underdrain, Type I
SB 1234+40 Lt. - 1235+40 Rt. New 6"x60' Underdrain, Type I
SB 1235+20 Rt. New 6"x100' Underdrain, Type I
SB 1235+40 Lt. - 1236+40 Rt. New 12"x110' ACCMP, 16ga
SB 1236+30 Rt. - NB 1237+40 Lt. Special Ditch, Item 608-A
SB 1239+30 Rt. - NB 1241+25 Rt. New 54"x500' ACCMP, 16ga Streamlined
NB 1230+00 - 1234+50 Lt. New 6"x450' Underdrain, Type I
NB 1234+50 Rt. New 6"x100' Underdrain, Type I
NB 1235+50 Rt. New 6"x100' Underdrain, Type I
NB 1236+50 Rt. New 6"x100' Underdrain, Type I
NB 1237+00 Lt. New 24"x118' ACCMP, 16ga
NB 1239+30 - 1241+00 Rt. New 6"x150' Underdrain, Type I
NB 1241+00 - 1244+00 Rt. New 6"x300' Underdrain, Type I
NB 1244+50 - 1245+00 Rt. New 18"x50' CSMP, 16ga
NB 1241+00 200' Rt.
NB 1242+80 250' Lt.
NB 1244+00 200' Rt.
(EP #9) Countryside Electric Co.
P.O.T. 11+39.5 ASKEW 83°-00' Rt
P.O.T. 13+74.8 ASKEW 83°-00' Rt
P.I. (S.B.) P.I. (N.B.)
B.M. 8 U.S. ELEV. 814.223
B.M. 9 U.S. ELEV. 764.839
P.O.T. 14+30
6-A
7
SOUTHBOUND
NORTHBOUND
ROADWAY
Spike in Root 15" Pine
Spike in Root 12" Spruce
Lyndonville
Main
Maple
Line
LAWSON LYNDON INSTITUTE, INC.
LAWSON INSTITUTE INC.
LYNDON INC.

CONTROL OF ACCESS COMPLETE ON THIS SHEET

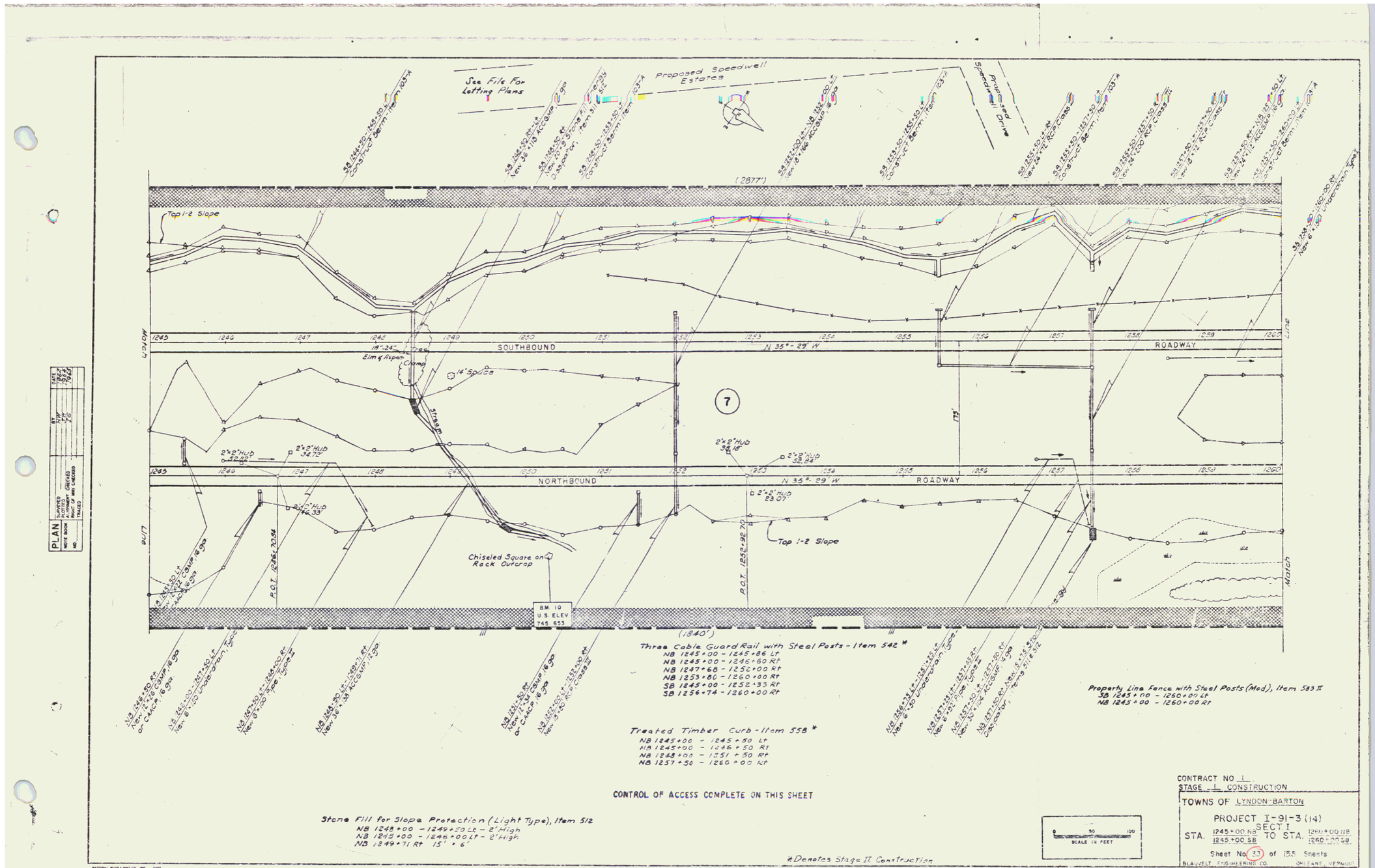
*Denotes Stage II Construction

SCALE IN FEET 0 50 100

CONTRACT NO. 1
STAGE 1 CONSTRUCTION
TOWNS OF LYNDON-BARTON
PROJECT I-91-3 (14)
SECT. I
STA. 1230+00 N.B. TO STA. 1245+00 N.B.
1229+80 S.B. 1245+00 S.B.
Sheet No. 32 of 155 Sheets
BLAUVELT ENGINEERING CO. ORLEANS, VERMONT

PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
CHECKED
RIGHT OF WAY CHECKED
TRACED

7


See File For Letting Plans
Proposed Speedwell Estates
Proposed Speedwell Drive
(2877')
Top 1:2 Slope
1245
1246
1247
1248
1249
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1259
1260
SOUTHBOUND
ROADWAY
N 35°-29' W
19"-24" Elm & Aspen
Clamp
14' Spruce
7
2"x2" Hub 34.72
2"x2" Hub 32.84
2"x2" Hub 34.33
2"x2" Hub 38.18
2"x2" Hub 23.07
NORTHBOUND
N 35°-29' W
ROADWAY
Chiseled Square on Rock Outcrop
BM 10
U.S. ELEV
745.653
P.O.T. 1246+70.84
P.O.T. 1252+92.70
Top 1:2 Slope
(1840')
Three Cable Guard Rail with Steel Posts - Item 542 *
NB 1245+00 - 1245+86 Lt
NB 1245+00 - 1245+60 Rt
NB 1247+68 - 1252+00 Rt
NB 1253+80 - 1260+00 Rt
SB 1245+00 - 1252+33 Rt
SB 1256+74 - 1260+00 Rt
Treated Timber Curb - Item 558 *
NB 1245+00 - 1245+50 Lt
NB 1245+00 - 1245+50 Rt
NB 1248+00 - 1251+50 Rt
NB 1257+50 - 1260+00 Rt
Property Line Fence with Steel Posts (Med), Item 583.11
SB 1245+00 - 1250+01 Lt
NB 1243+00 - 1260+00 Rt
Stone Fill for Slope Protection (Light Type), Item 512
NB 1248+00 - 1249+53 Lt - 2' High
NB 1245+00 - 1246+00 Lt - 2' High
NB 1249+71 Rt 15' x 6'
CONTROL OF ACCESS COMPLETE ON THIS SHEET
*Denotes Stage II Construction
SCALE IN FEET
PLAN
CONTRACT NO. I
STAGE I CONSTRUCTION
TOWNS OF LYNDON-BARTON
PROJECT I-91-3(14) SECT. I
STA. 1245+00 NB 1245+00 SB TO STA. 1260+00 NB 1260+00 SB
Sheet No. 33 of 155 Sheets
BLAUVELT ENGINEERING CO. ORLEANS, VERMONT

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Three Cable Guard Rail with Steel Posts Item 542 *
NB 1260+00 - 1260+84 Rt
NB 1269+62 - 1273+00 Rt
SB 1260+00 - 1264+10 Rt
SB 1268+80 - 1273+00 Rt

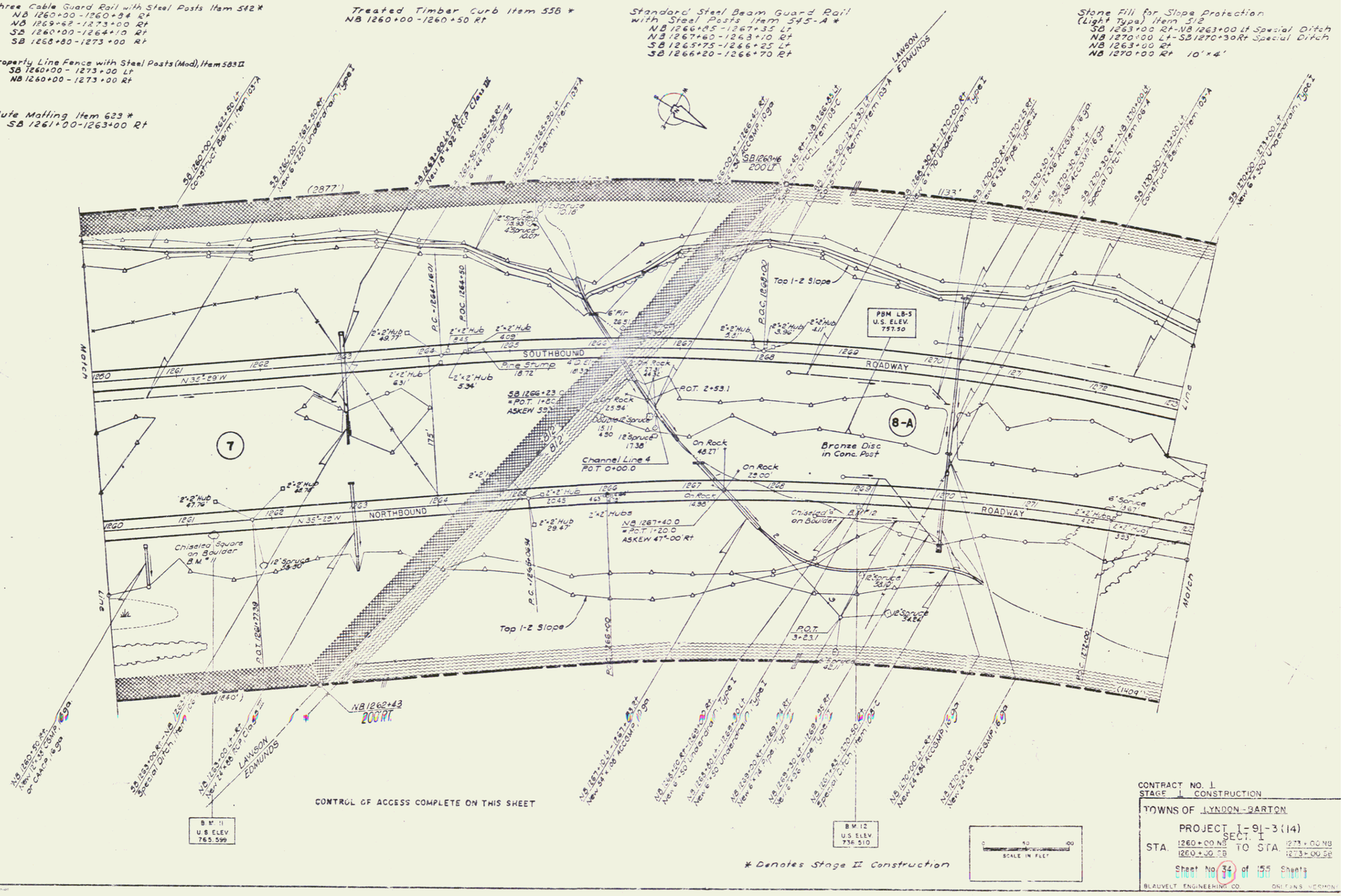
Property Line Fence with Steel Posts (Mod), Item 583 II
SB 1260+00 - 1273+20 Lt
NB 1260+00 - 1273+00 Rt

Jute Matting Item 623 *
SB 1261+00 - 1263+00 Rt

Treated Timber Curb Item 556 *
NB 1260+00 - 1260+50 Rt

Standard Steel Beam Guard Rail with Steel Posts Item 545-A *
NB 1266+45 - 1267+35 Lt
NB 1267+60 - 1268+10 Rt
SB 1265+75 - 1266+25 Lt
SB 1266+20 - 1266+70 Rt

Stone Fill for Slope Protection (Light Type) Item 512
SB 1263+00 Rt - NB 1263+00 Lt Special Ditch
NB 1270+00 Lt - SB 1270+30 Rt Special Ditch
NB 1263+00 Rt
NB 1270+00 Rt 10' x 4'



CONTRACT NO. 1
STAGE 1 CONSTRUCTION
TOWNS OF LYNDON - BARTON
PROJECT I-91-3(14) SECT. 1
STA. 1260+00 NB TO STA. 1273+00 NB
1260+00 SB 1273+00 SB
Sheet No. 34 of 155 Sheets
BLAUVELT ENGINEERING CO. ORLEANS VERMONT

9

Property Line Fence with Steel Posts(Med) Item 583 ft.
SB 1273 + 00 - 1285 + 00 Lt
NB 1273 + 00 - 1285 + 00 Rt

Treated Timber Curb Item 558 *
NB 1273 + 50 - 1285 + 00 Rt
SB 1285 + 00 Bk - 1285 + 00 Ahd Lt

Three Cable Guard Rail with Steel Posts - Item 542 *
NB 1273 + 00 - 1285 + 00 Rt
NB 1283 + 36 - 1285 + 00 Lt
SB 1273 + 00 - 1276 + 64 Rt
SB 1278 + 03 - 1285 + 00 Lt

Stone Fill for Slope Protection (Heavy Type) - Item 511
NB 1277 + 50 - 1279 + 00 Rt. Relocated Miller Run

Stone Fill for Slope Protection (Light Type) Item 512
NB 1274 + 50 Lt - SB 1275 + 00 Rt Special Ditch
SB 1277 + 50 - 1250 + 50 Lt. - 2' High
NB 1276 + 50 Rt. 15' x 5'
SB 1285 + 10 Bk. Lt 10' x 4'

Jute Matting, Item 623 *
SB 1285 + 10 (Bk) - 1285 + 00 (Ahd) Rt.

"SB"
Δ = 36° 36' 48" Rt.
D_c = 2° 00' 00"
R = 2864.79'
T = 1003.56'
Lc = 1930.58'
E = 170.69'
Bnk = 1/16"/Ft

STOWELL
EDMUNDS

SB 1278+78
200 Lt.

SB 1279+55
150 Lt.

8-A

9-A

8-B

SOUTHBOUND ROADWAY

NORTHBOUND ROADWAY

N 3°-07' E

N 35°-53' W

N 03°-07' E

Spike in Roof 24" Spruce

2"x2" Hubs

Pothole Water

B.M. 13
U.S. ELEV.
711.163

NB 1273+38
85' Rt.

NB 1277+36
200 Rt.

NB 1278+97
200 Rt.

NB 1274+47
200' Rt.

CONTROL OF ACCESS COMPLETE ON THIS SHEET

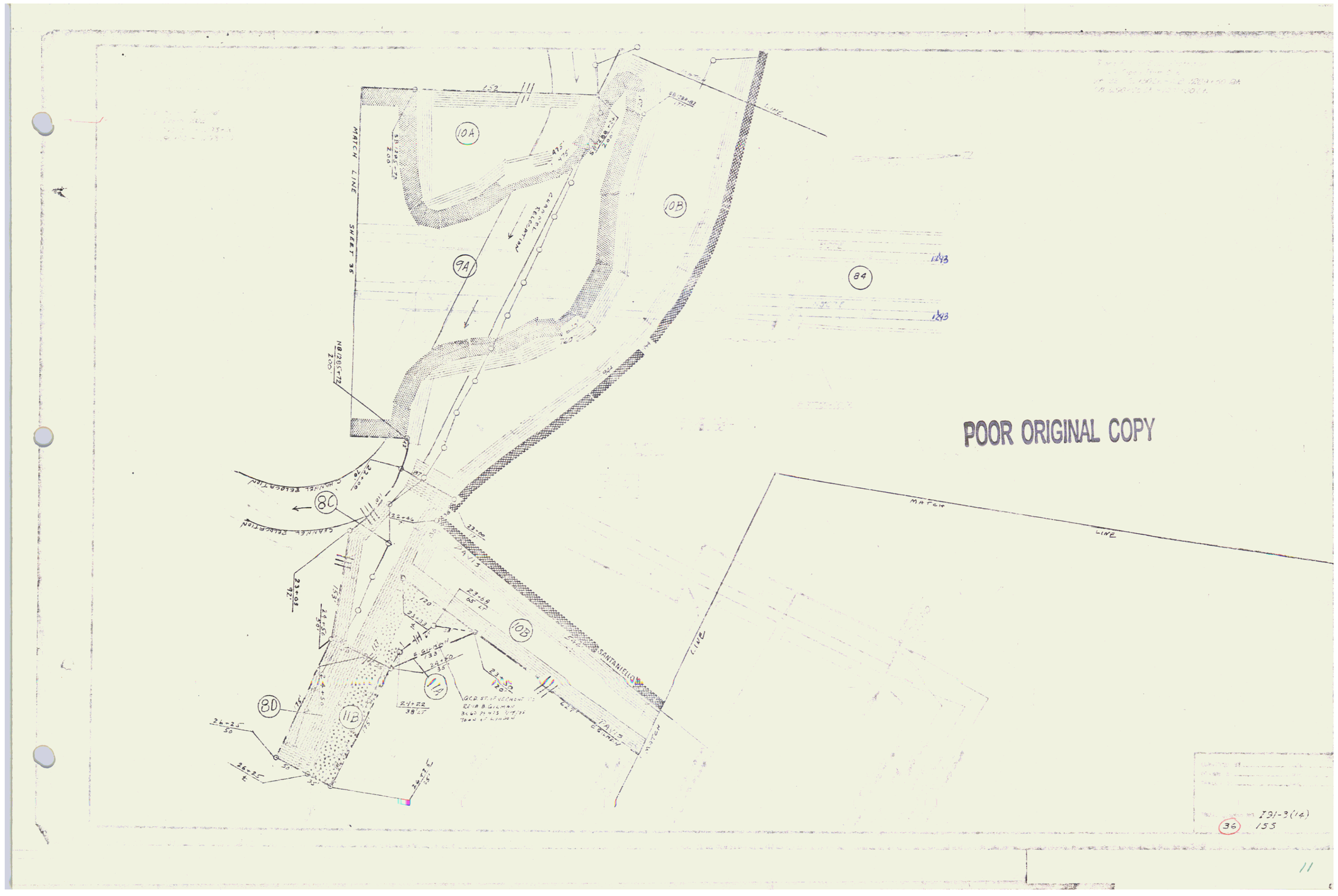
SCALE IN FEET

* Denotes Stage II Construction

CONTRACT NO. 1
STAGE 1 CONSTRUCTION
TOWNS OF LYNDON-BARTON
PROJECT I-91-3(14)
SECT 1
STA. 1273+00 NB TO STA. 1285+00 NB
STA. 1273+00 SB TO STA. 1285+00 SB
Sheet No. 75 of 155 Sheets
BUSWELL ENGINEERING CO. ORLEANS, VERMONT

PLAN SURVEYED / PLOTTED / ALIGNMENT CHECKED / PROFILE OF WAY CHECKED / TRACED
NOTE BOOK
NO.

10


MATCH LINE SHEET 35
10A
10B
9A
84
80
11A
11B
MATCH LINE
SANTA RIELLO
GOV. ST. OF VERMONT
REIB B. GILMAN
BLGD. PLANS
TOWN OF LYNDON
POOR ORIGINAL COPY
MATCH LINE
TOWN OF LYNDON
TOWN OF BURKE
TOWN OF CONCORD
TOWN OF SUTTON
TOWN OF NEWARK
TOWN OF SHEFFIELD
TOWN OF WALDEN
TOWN OF HARDWICK
TOWN OF GREENSBORO
TOWN OF WOODBURY
TOWN OF CALAIS
TOWN OF MARSHFIELD
TOWN OF PLAINFIELD
TOWN OF WORCESTER
TOWN OF MIDDLESEX
TOWN OF MONTPELIER
TOWN OF BERLIN
TOWN OF ORANGE
TOWN OF WILLIAMSTOWN
TOWN OF BARRE
TOWN OF NORTHFIELD
TOWN OF BRADFORD
TOWN OF NEWBURY
TOWN OF WELLS RIVER
TOWN OF PEACHAM
TOWN OF GROTON
TOWN OF RYEGATE
TOWN OF BARNET
TOWN OF ST. JOHNSBURY
TOWN OF LYNDON

Sub-base of Sand
Item 302
S.B. 1290+50 – 1293+00
N.B. 1290+50 – 1293+00

Stone Fill for Slope Protection
(Lt. Type) Item 512
Vt. 122 20+50 Lt. – N.B. 1289+50 Rt.
S.B. 1290+75 Lt. – 1291+00 Lt.

SURFACE LINE

10A

10B

9A

84

80

111

11

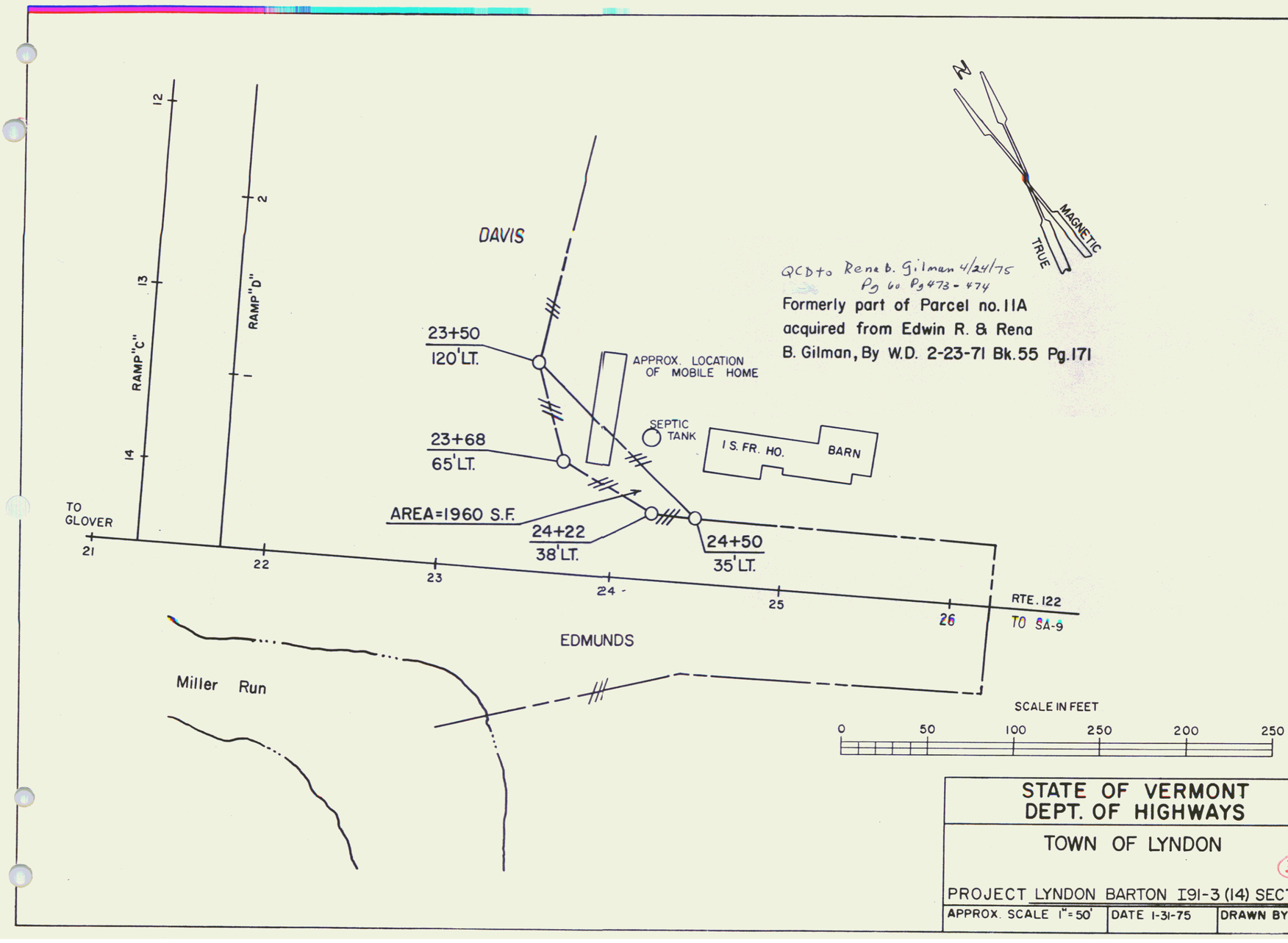
N 3°07'E

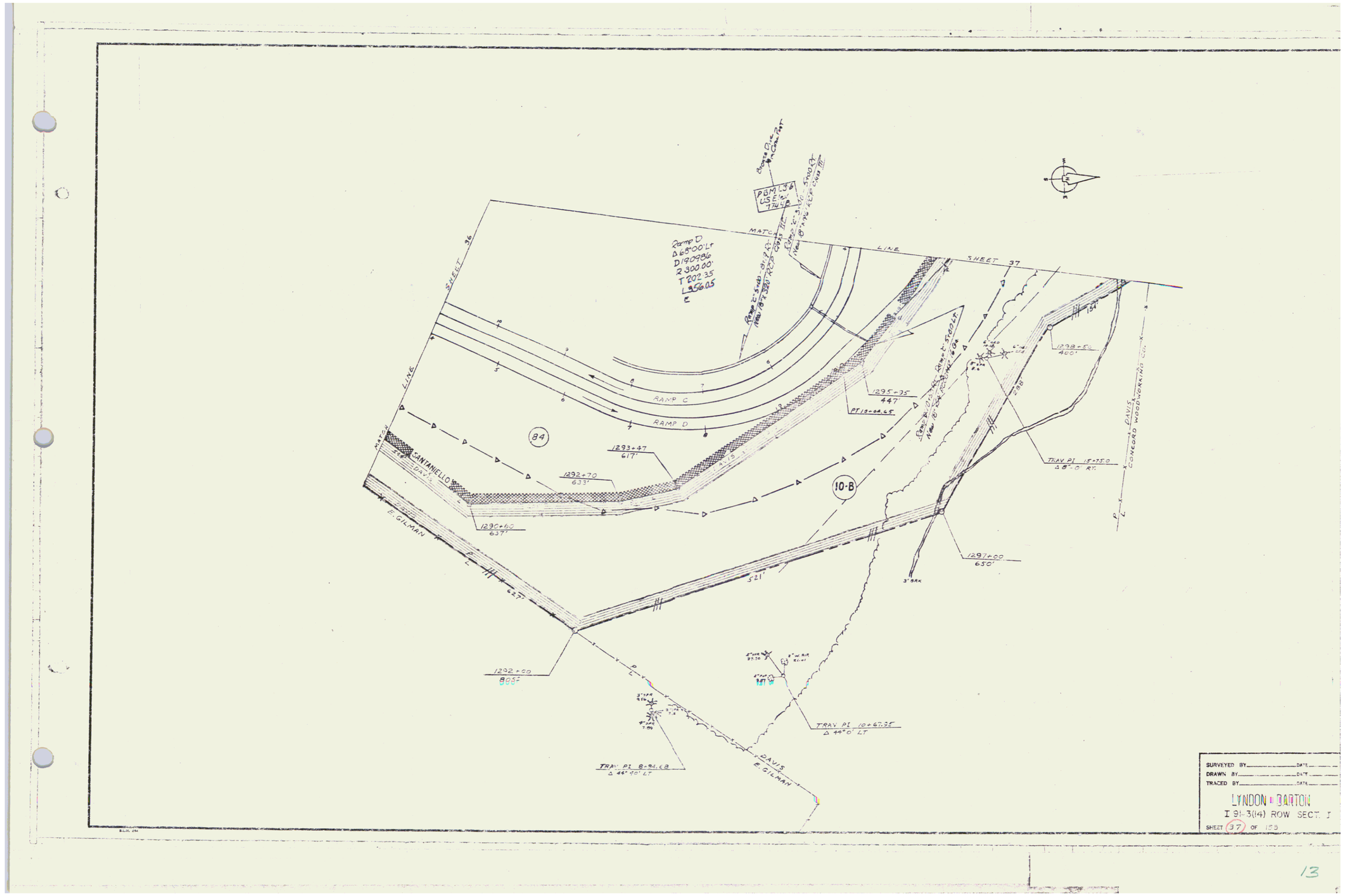
N 3°07' E

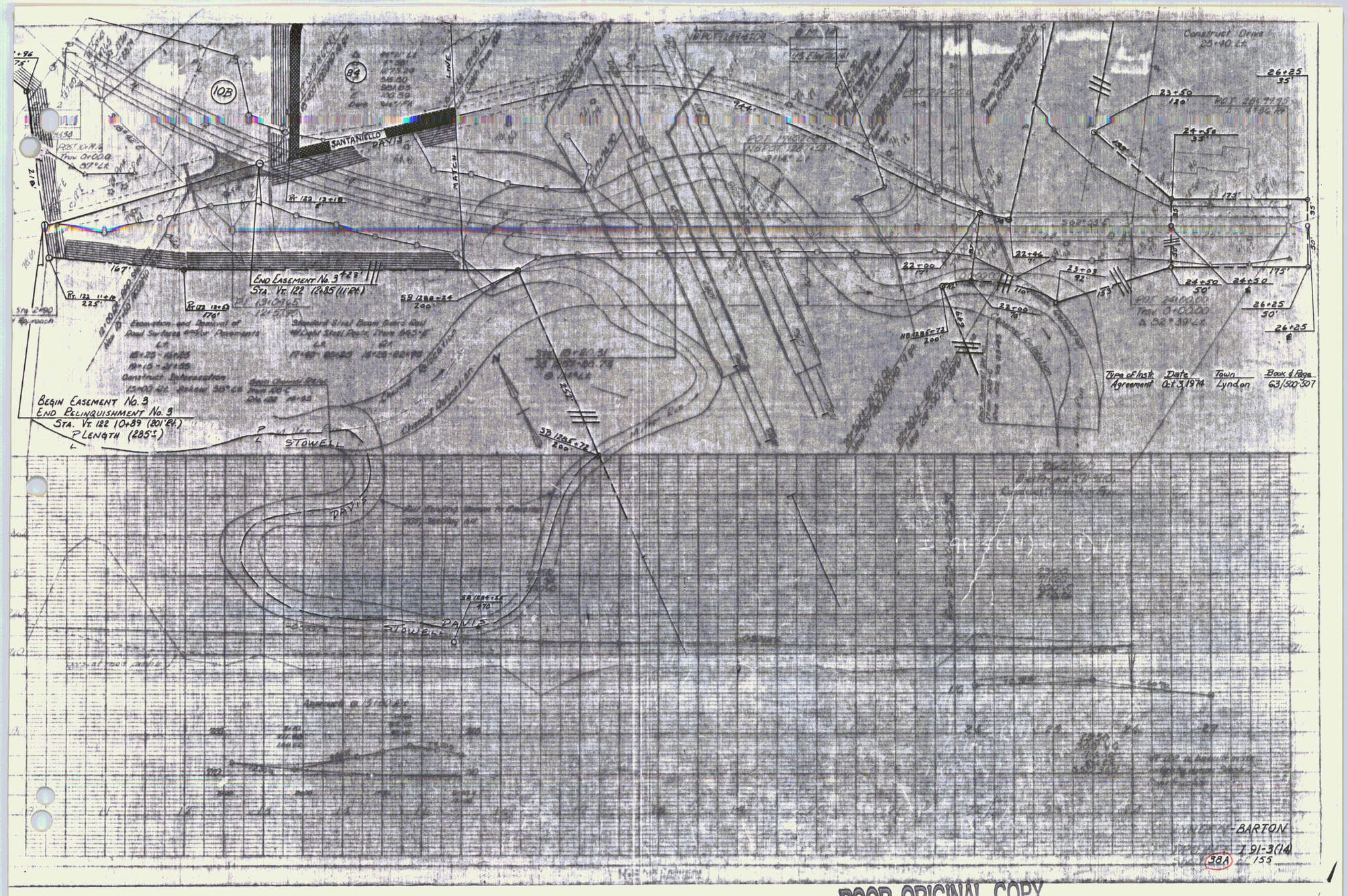
N 28°07' E
200

N 28°07' E
200

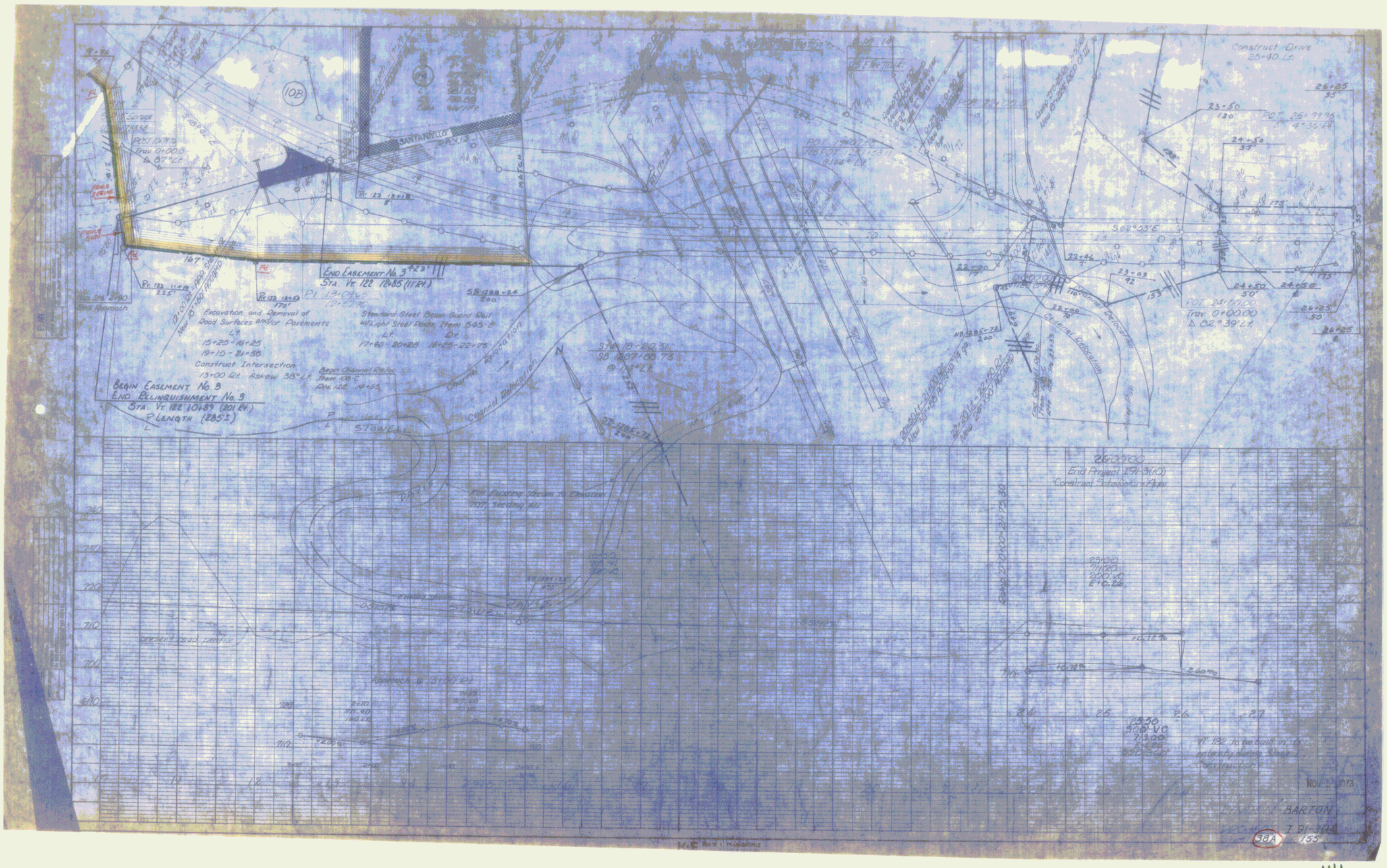
N 28°07' E
200


N
MAGNETIC
TRUE
QCD to Rena B. Gilman 4/24/75
Pg 60 Pg 473 - 474
Formerly part of Parcel no. 11A
acquired from Edwin R. & Rena
B. Gilman, By W.D. 2-23-71 Bk. 55 Pg. 171
DAVIS
23+50
120' LT.
APPROX. LOCATION
OF MOBILE HOME
SEPTIC
TANK
1 S. FR. HO.
BARN
23+68
65' LT.
AREA=1960 S.F.
24+22
38' LT.
24+50
35' LT.
RAMP "C"
RAMP "D"
12
13
14
1
2
TO
GLOVER
21
22
23
24
25
26
RTE. 122
TO SA-9
EDMUNDS
Miller Run
SCALE IN FEET
0
50
100
250
200
250
STATE OF VERMONT
DEPT. OF HIGHWAYS
TOWN OF LYNDON
36A
PROJECT LYNDON BARTON I91-3 (14) SECT. I
APPROX. SCALE 1"=50'
DATE 1-31-75
DRAWN BY ROD S.
12


MATCH LINE
SHEET 36
SHEET 37
Ramp D
Δ 68°00'Lt
D 19°09'36"
R 300.00'
T 202.35
L 356.05
Ramp C 2-3rd @ 3+47.42 Ahd
Ramp D 2-3rd @ 3+47.42 Ahd
RAMP C
RAMP D
84
10-B
1295+75
447
PT 13+04.65
1293+47
617'
1292+70
633'
1290+60
637'
1292+00
805'
1297+00
650'
521'
627'
TRAV PI 15+75.0
Δ 8°-0" Rt.
TRAV PI 10+67.35
Δ 44°0' LT
TRAV PI 8+94.68
Δ 44°0' LT
1298+50
400'
154'
198'
SANTANIELLO
E. GILMAN
DAVIS
CONCORD WOODWORKING CO.
3" BRK
SURVEYED BY
DRAWN BY
TRACED BY
DATE
LYNDON - BARTON
I 91-3(14) ROW SECT. I
SHEET 37 OF 155



POOR ORIGINAL COPY


Construct Drive
25+90 Lt.
26+85
55'
23+50
120'
POT 25+97.96
Δ 7°36 Rt
24+50
55'
24+50
50'
24+50
E
26+25
50
26+25
E
POT 24+60.00
Trav 0+00.00
Δ 82° 39' Lt.
S 62° 55' E
22+44
23+03
92'
153'
175'
22+00
70'
22+00
Channel Relocation
Channel Relocation
POT 19+07.20
NB POT 128+03.31
Δ 14° Δ Lt
Begin Channel Reloc
Sta. 128+65
Begin Easement No. 3
End Relinquishment No. 3
Sta. Vt. 122 10+89 (201'Rt.)
P Length (285')
End Easement No. 3
Sta. Vt. 122 12+85 (11'Rt.)
P.I. 13+09.65
Δ 12° 07' 54"
Excavation and Removal of
Road Surfaces and/or Pavements
Lt.
15+25 - 16+25
19+15 - 21+55
Construct Intersection
13+00 Lt. Askew 38° Lt.
Standard Steel Beam Guard Rail
on Light Steel Posts, Type 605-E
Lt.
17+60 - 20+85 16+25 - 22+75
Rt.
Sta. 19+20.31
SB 1287+05.73
@ 2° Lt.
SB 1285-72
Fee
Channel Relocation
Channel Relocation
Fill Existing Stream to Elevation
700, Varying Fill
Present road profile
Approach @ 3+00.00
Sta. 10+00.00
Elev. 700.00
Sta. 11+00.00
Elev. 710.00
Sta. 12+00.00
Elev. 720.00
Sta. 13+00.00
Elev. 730.00
Sta. 14+00.00
Elev. 740.00
Sta. 15+00.00
Elev. 750.00
Sta. 16+00.00
Elev. 760.00
Sta. 17+00.00
Elev. 770.00
Sta. 18+00.00
Elev. 780.00
Sta. 19+00.00
Elev. 790.00
Sta. 20+00.00
Elev. 800.00
Sta. 21+00.00
Elev. 810.00
Sta. 22+00.00
Elev. 820.00
Sta. 23+00.00
Elev. 830.00
Sta. 24+00.00
Elev. 840.00
Sta. 25+00.00
Elev. 850.00
Sta. 26+00.00
Elev. 860.00
End Project 191-3(10)
Construct Satisfactory Aster
29.00
7H:2V
200 VC
E 10.26
+0.12%
-0.39%
2.60%
25
23.50
5.00 V.C.
23.00
E 24.00
26
27
Rt. 122 to be built on its
present alignment. Stage
Construction
NOV 2 1973
BARTON
I 91-2(43)
155
SBA
14A

1504+50.58
200'

Muck Excavation
Item 117
Ramp 'B' 1+00 - 3+25

1237+50.58

Granite Slope Edging Item 554-A
Ramp 'A' 9+00 - 12+61 Lt
Ramp 'B' 0+39 - 4+00 Lt

Standard Steel Beam Guard Rail
w/Light Steel Posts Item 545-E
9+10 - 14+24 Lt
9+24 - 0+79 Rt

1693+00.58
200'

1301+50
475'
MATCH

Ramp 'A' 10+00
Tan @ 9°12' RECORD 16 Ga

Ramp 'A' 9+00.00
Tan @ 9°12' RECORD 16 Ga

Ramp 'A' PVT @ 4+27.78

4 POT @ 9+22.50
9+00.00
8 HP @ 9+00.00
Eq = -26.19

Ramp 'A' PVT
5+16.21

Ramp 'B' 0+50
Tan @ 18°30' RECORD 16 Ga

4-30 SF - 3-75 SF
Specification Item 106

Ramp 'B' 0+50
Tan @ 18°30' RECORD 16 Ga

Ramp 3" x 12" x 21'-0" Galv
Channel Excavation
16 Ga

BEGIN RELINQUISHMENT No. 3
END EASEMENT No. 2
STA VT 122 2+00 (75' Rt)
LENGTH (1160' ±)

Type of Instr. | Date | Town | Book & Page
Agreement | Oct 3, 1974 | Lyndon | 63/500-507

Acquired from Concord Woodworking Co.
by W.D. Dated 2/10/77 & Recorded 2/23/77 in
Lyndon Land Records Bk. 67, Pgs. 522-524

Limited Access Ending Changed from 9+80 75' Lt
to 9+90 75' Lt. Approved by F.H.W.A. 11/17/75

See sheet 39A

State of Vermont 0.46 Ac

CONCORD WOODWORKING CO

CONCORD WOODWORKING CO

B POT 0+00.00 =
122 POT 4+48.71

BEGIN EASEMENT No. 2
STA VT 122 1+15 (11' Rt)
LENGTH (100' ±)

VT #122 to be built in its entirety
during Stage I Construction

LYNDON - BARTON
I 91-3(14) ROW SECT. 1

38B

15

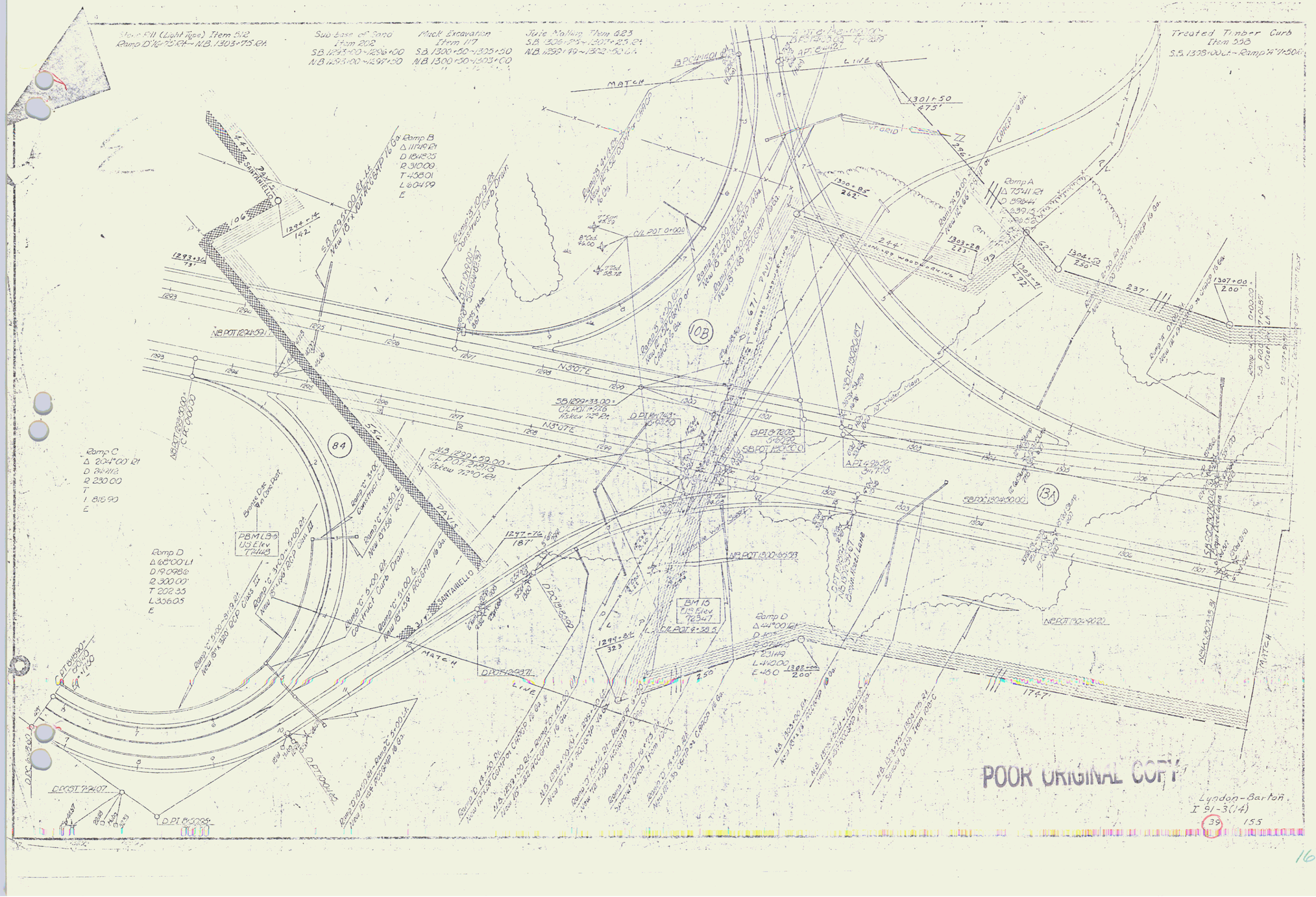
Slope Fill (Light Type) Item 512
Ramp D 16+75 Rt. ~ N.B. 1303+75 Rt.

Sub Base of Sand
Item 202
S.B. 1293+00 ~ 1296+00
N.B. 1293+00 ~ 1297+50

Muck Excavation
Item 117
S.B. 1300+50 ~ 1305+50
N.B. 1300+50 ~ 1303+00

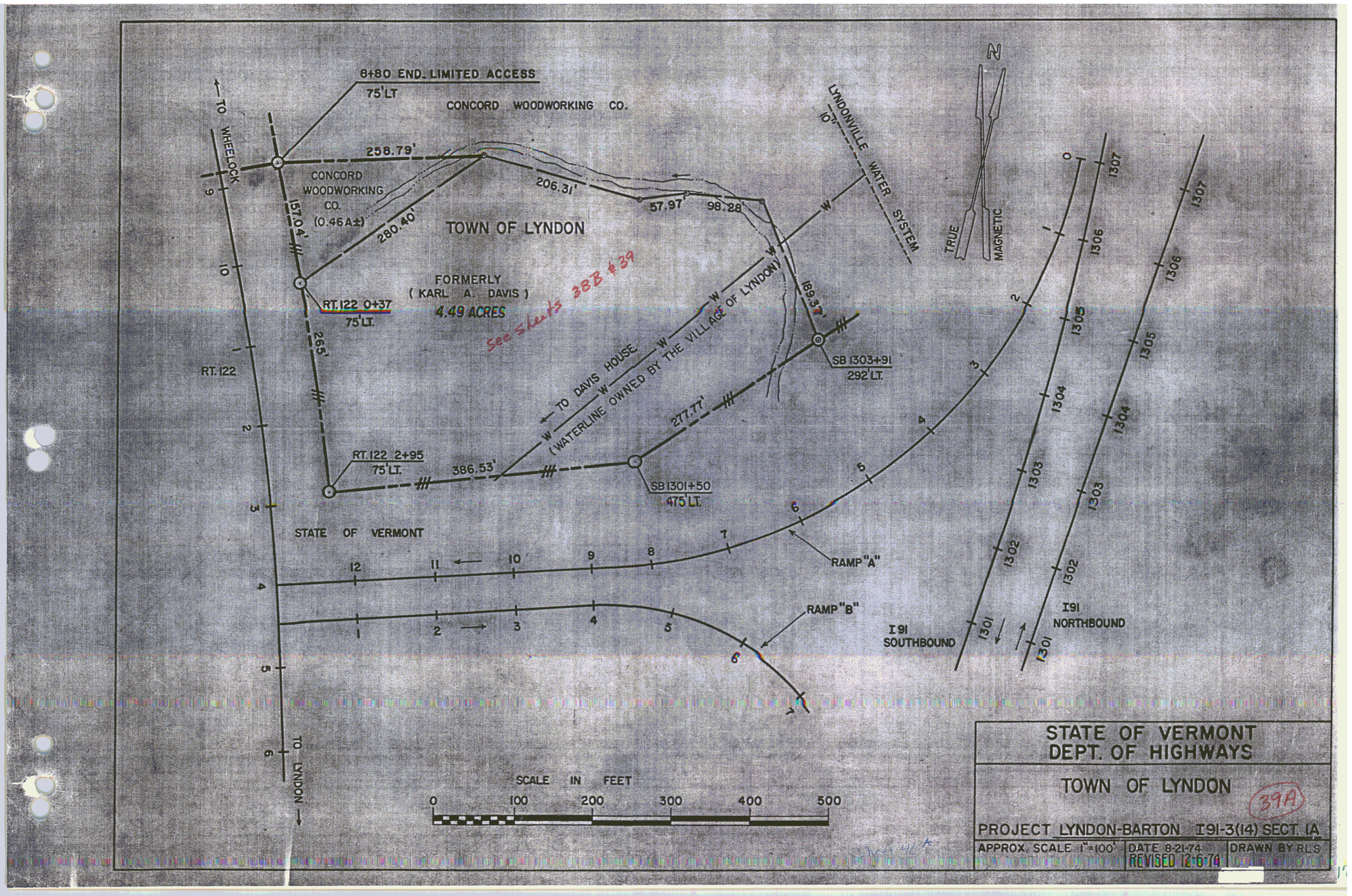
Joint Matting Item 623
S.B. 1306+25 ~ 1307+25 Rt.
N.B. 1299+19 ~ 1302+50 Lt.

Treated Timber Curb
Item 558
S.B. 1378+00 Lt. ~ Ramp A 17+50 Rt.



Lyndon-Barton
I 91-3(14)
39 155

16



STATE OF VERMONT
DEPT. OF HIGHWAYS

TOWN OF LYNDON

39A

PROJECT LYNDON-BARTON I91-3(14) SECT. 1A

APPROX. SCALE 1"=100'	DATE 8-21-74 REVISED 12-6-74	DRAWN BY RLS

Treated Timber Curb, Item 558 *
SB 1308+00 - 1309+50 Lt.

Three Cable Guard Rail w/Light Steel Posts, Item 538 *
SB 1308+00 - 1309+80 Lt.
SB 1308+00 - 1308+10 Rt.
NB 1308+00 - 1308+06 Lt.

Jute Matting, Item 623 *
SB 1309+00 - 1309+75 Rt.

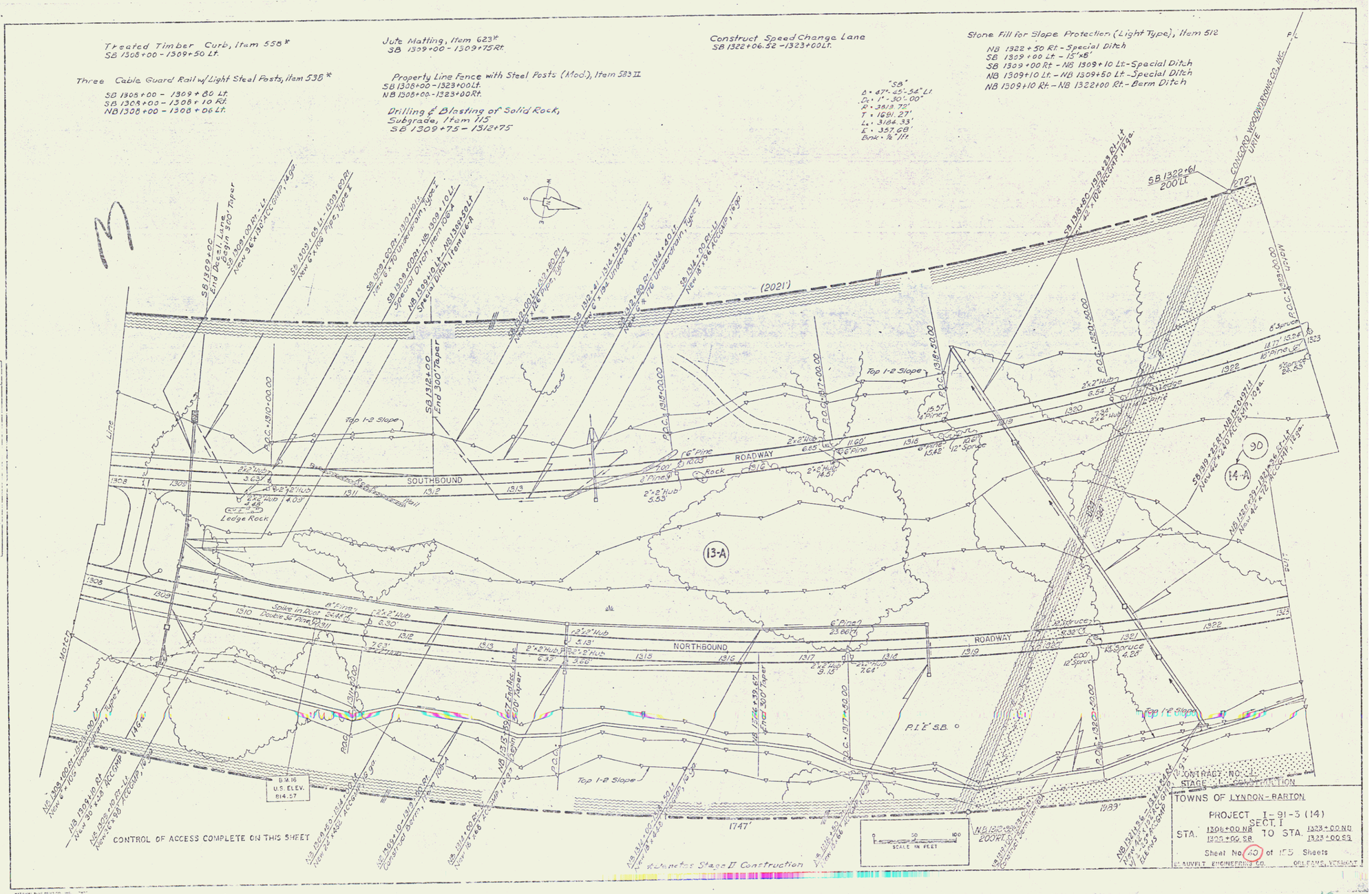
Property Line Fence with Steel Posts (Mod), Item 583 II
SB 1308+00 - 1323+00 Lt.
NB 1308+00 - 1323+00 Rt.

Drilling & Blasting of Solid Rock, Subgrade, Item 715
SB 1309+75 - 1312+75

Construct Speed Change Lane
SB 1322+06.52 - 1323+00 Lt.

"SB"
Δ = 87°-45'-54" Lt
D = 1°-30'-00"
R = 3818.72'
T = 1691.27'
L = 3184.33'
E = 357.68'
Bnk = 1/2"/ft.

Stone Fill for Slope Protection (Light Type), Item 512
NB 1322+50 Rt. - Special Ditch
SB 1309+00 Lt. - 15'x8'
SB 1309+00 Rt. - NB 1309+10 Lt. - Special Ditch
NB 1309+10 Lt. - NB 1309+50 Lt. - Special Ditch
NB 1309+10 Rt. - NB 1322+00 Rt. - Berm Ditch



CONTRACT NO. 1
STAGE II CONSTRUCTION
TOWNS OF LYNDON - BARTON
PROJECT I-91-3 (14)
SECT. I
STA. 1306+00 NB TO STA. 1323+00 NB
1305+00 SB 1323+00 SB
Sheet No. 40 of 155 Sheets
H. AUVERT ENGINEERING CO. ORLEANS, VERMONT

18

Three Cable Guard Rail with Steel Posts, Item 542*
NB 1328+00 – 1330+06 Lt.
NA 1332+00 – 1330+80 Lt.
SB 1323+75 – 1325+35 Lt.
SB 1323+25 – 1326+37 Rt.

Jute Matting, Item 623*
NB 1330+50 – 1332+00 Lt.
NB 1330+70 – 1332+00 Rt.

Construct Speed Change Lane
SB 1323+00 – 1330+00 Lt.

Demolition & Disposal of Buildings Item 586
SB 1331+00 180' Rt.

Stone Fill for Slope Protection (Light Type) Item 512
SB 1325+20 – 1325+50 Lt. – 2' High
NB 1329+40 – 1330+10 Lt. – Special Ditch
SB 1326+07 – 1326+25 Rt. – Inlet Ditch
NB 1330+65 Rt. – Inlet Ditch

Riprap (Heavy Type) Item 513-A
NB 1330+24 – 1330+76 Rt.
NB 1329+23 – 1329+76 Lt.
SB 1324+83 – 1325+30 Lt.
SB 1325+70 – 1326+15 Rt.

Property Line Fence with Steel Posts (Mod), Item 583 II
SB 1323+00 – 1330+00 Lt.
NB 1323+00 – 1338+00 Rt.

Stone Fill Energy Dissipater (Heavy Type) Item 511
NB 1329+36 Lt.
SB 1325+00 Lt.

Stone Fill for Slope Protection (Heavy Type), Item 511
SB 1323+60 – 1324+70 Lt. – Special Ditch
NB 1328+36 – 1329+11 Lt. – Special Ditch

Plank Guard Rail, Item 540
SB 1326+40 Lt. (24)
NB 1335+10 Rt. (24)

SOUTHBOUND ROADWAY
NORTHBOUND ROADWAY
Match Line
Channel Line No. 6
Channel Line No. 7
Creek
Top 1-2 Slope
Spike in Root 12" Larch, B.M. 17 24" Cedar
B.M. 17 U.S. ELEV. 877.23
B.M. 18 U.S. ELEV. 662.65
P.B.M. LB-7 U.S. ELEV. 680.44
Bronze Disc in Conc. Post
1½ Story Frame Barn
12' Corr. Steel Culvert
3 Wires V.C. 17.5 (70')
Chiseled Square on Rock, B.M. 18
Scarify Item 121 Seed Item 611
"NB" Δ = 52°25'00" Lt. D = 15°00'00" R = 382.16' T = 1769.68' Lc = 3362.30' E = 402.37' Bnk. ½" / Ft.
CONTROL OF ACCESS COMPLETE ON THIS SHEET
N.B. 1337+78 200' Rt.

CONTRACT NO. 1
STAGE 1 CONSTRUCTION
TOWNS OF LYNDON & BARTON
PROJECT I 91-3 (14)
SECT. I
STA. 1323+00 NB TO STA. 1338+00 NB
1323+00 SB 1330+00 SB
Sheet No. 41 of 155 Sheets
ELLAMET ENGINEERING CO. ORLEANS, VERMONT

19

Construct Speed Change Lane
SB 1330+00-1332+08.52 Lt.
SB 1341+82.92-1345+00 Lt.

Stone Fill for Slope Protection
(Light Type), Item 512
"A" 17+30 Lt., 10x4'

Three Cable Guard Rail with Steel Posts, Item 542 *
SB 1341+98-1345+00 Lt.

Cedar Log Guard Rail, Item 546 *
"A" 12+70-18+60 Lt.

Granite Slope Edging, Item 556-A *
"A" 8+34-12+70 Lt.
"A" 15+72-20+12 Lt.
SB 1339+97 Lt.-"B" 18+32 Rt.
"A" 16+75 Rt.-"B" 16+88 Lt.

"Entrance"
Δ = 71° 16'-37"
Dc = 16°-22'-19"
R = 350.00'
T = 260.93'
Lc = 436.41'
E = 80.66'
Bank = 3/4"/Ft.

"A"
Δ = 24° 46'-59"
Dc = 8°-11'-06"
R = 700.00'
T = 153.80'
Lc = 302.74'
E = 16.70'
Bank = —

"East"
Δ = 72° 01'-37"
Dc = 16°-22'-18"
R = 350.00'
T = 254.42'
Lc = 439.99'
E = 86.70
Bank = 3/4"/Ft.

"B"
Δ = 15° 21'-55"
Dc = 2°-51'-53"
R = 2000.00'
T = 269.79'
Lc = 536.35'
E = 18.12'
Bank = —

Property Line Fence with Steel Posts (Mod), Item 583II
SB 1330+00 - 1345+00 Lt.

SB 1336+00
630' Lt.

(888)

Rock Ledge

Match Line

Southbound

Roadway

12.96'

14-A

90

12

CONTROL OF ACCESS COMPLETE ON THIS SHEET

* Denotes Stage II Construction

CONTRACT NO. 1
STAGE I CONSTRUCTION
TOWNS OF LYNDON - BARTON
PROJECT F-91-3(10) SECT. I
STA. 1330+00 SB TO STA. 1345+00 SB
Sheet No. 42 of 159 Sheets

SCALE IN FEET 0 50 100

BEAUVELT ENGINEERING CO. ORLEANS, VERMONT

20

Three Cable Guard Rail With Steel Posts (Wood) Item
NB 1352+38 - 1353+00 Lt
SB 1345+00 - 1351+00 Lt

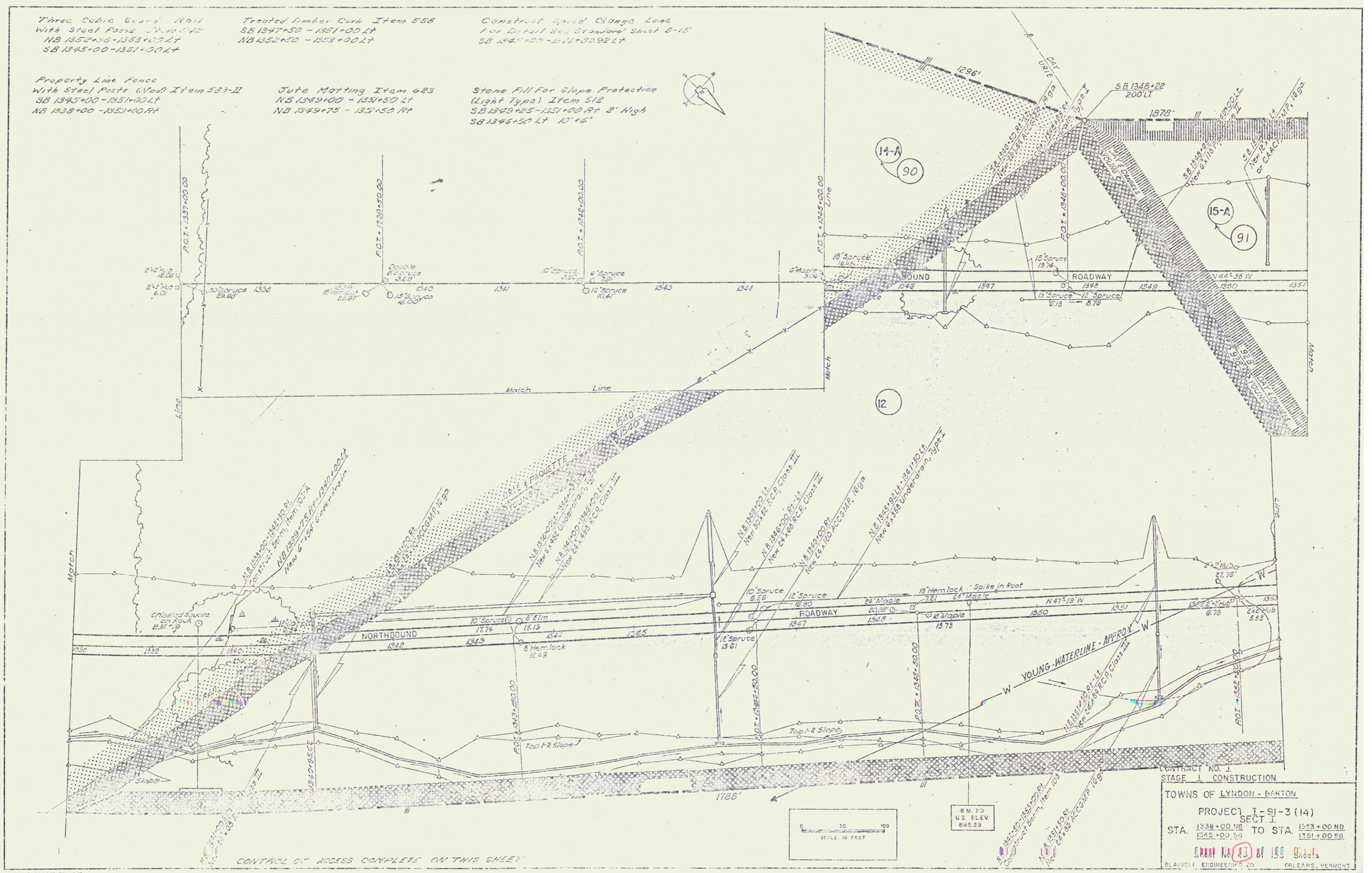
Treated Timber Curb Item 556
SB 1347+50 - 1351+00 Lt
NB 1352+50 - 1353+00 Lt

Construct Speed Change Lane
For Detail See Standard Sheet B-15
SB 1342+00 - 1344+82.92 Lt

Property Line Fence
With Steel Posts (Wood) Item 613-11
SB 1345+00 - 1351+00 Lt
NB 1338+00 - 1353+00 Rt

Jute Matting Item 623
NB 1349+00 - 1351+50 Lt
NB 1349+75 - 1351+50 Rt

Stone Fill For Slope Protection
(Light Type) Item 512
SB 1349+25 - 1351+00 Rt 2' High
SB 1346+50 Lt 10'x6'



CONTRACT NO. 1
STAGE 1 CONSTRUCTION
TOWNS OF LYNDON - BARTON
PROJECT I-91-3(14)
SECT 1
STA. 1338+00 NB 1345+00 SB TO STA. 1353+00 NB 1351+00 SB
SHEET NO. 13 OF 186 SHEETS
BLAUVELT ENGINEERING CO. ORLEANS, VERMONT

21

Bituminous Concrete Curb Item 516 *
NB 1353+00 - 1367+00 Lt
~~NB 1357+00 - 1364+00 Rt~~
SB 1351+00 - 1363+00 Lt
SB 1351+00 - 1360+92 Rt

Stone Fill For Slope Protection (Light Type) Item 512
SB 1351+00 - 1352+50 Rt 2' High
NB 1355+89 Lt 10'+4'
SB 1352+71 Lt 15+6'
NB 1358+64 - 1364+00 Rt 2' High
NB 1362+17 - 1362+53 Rt Inlet

Three Cable Guard Rail With Steel Posts - Item 542 *
NB 1353+00 - 1357+00 Lt
NB 1357+00 - 1364+52 Rt
SB 1351+00 - 1366+00 Lt
SB 1351+00 - 1360+92 Rt

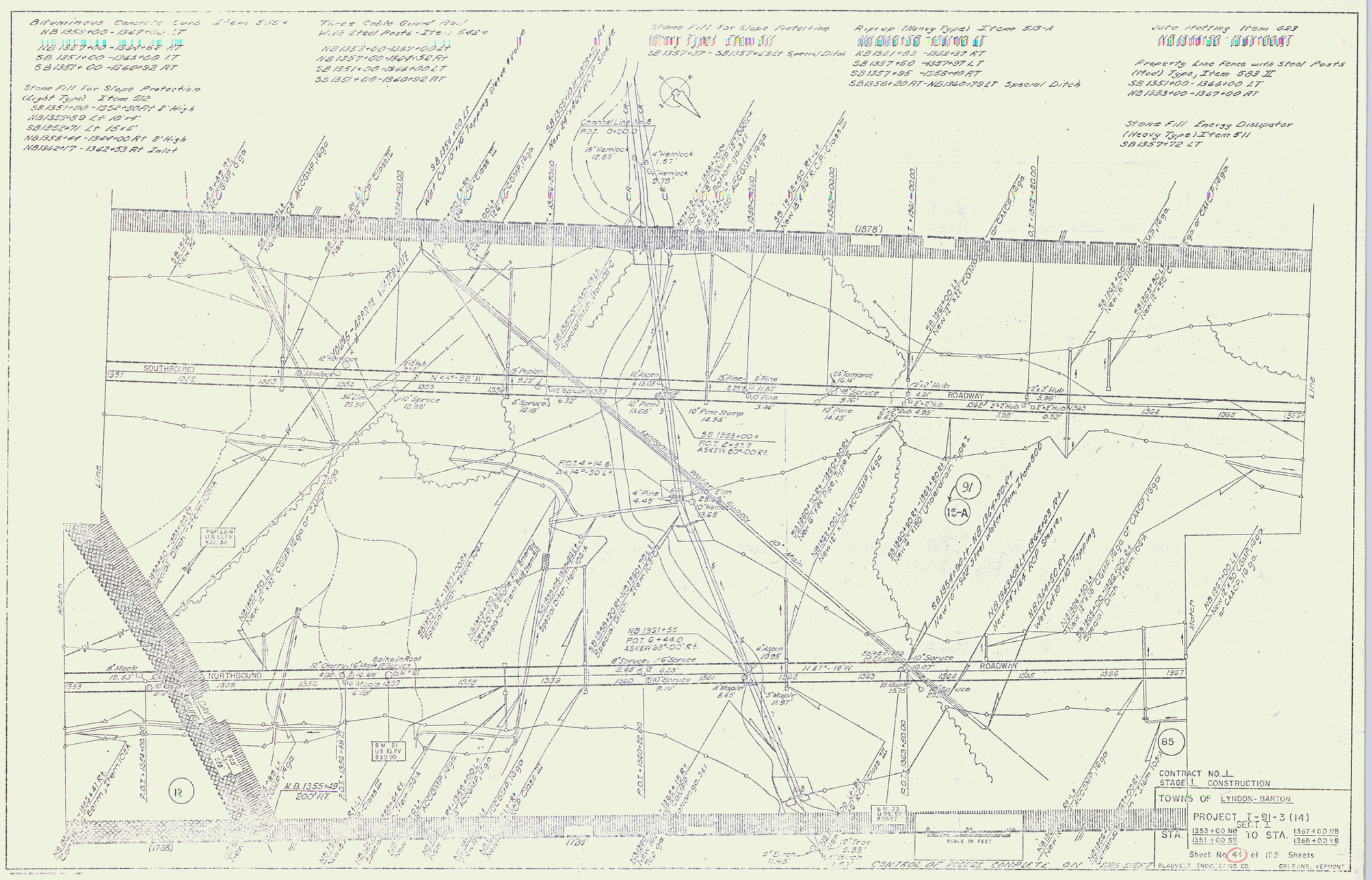
Stone Fill For Slope Protection (Heavy Type) Item 511
SB 1357+37 - SB 1357+69 Lt Special Ditch

Riprap (Heavy Type) Item 513-A
~~NB 1361+83 - 1362+37 Rt~~
SB 1357+50 - 1357+97 Lt
SB 1357+95 - 1358+40 Rt
SB 1358+20 Rt - NB 1360+79 Lt Special Ditch

Jute Netting Item 623
~~NB 1358+50 - 1361+50 Rt~~

Property Line Fence with Steel Posts (Mod) Type, Item 598 II
SB 1351+00 - 1366+00 Lt
NB 1353+00 - 1367+00 Rt

Stone Fill Energy Dissipator (Heavy Type) Item 511
SB 1357+72 Lt


SOUTHBOUND
NORTHBOUND
ROADWAY
(1878')
(1738')
1724
N 44°-58' W
N 47°-18' W
Channel Line No. 8 Prof. 0+00.0
Wyman Brook
Water Elm
10" Main
Spike in Root
12" Hemlock
15" Hemlock 12.83'
4" Hemlock 1.57'
6" Hemlock 9.79'
15" Pine - 8" Pine
10" Pine Stump 14.34'
10" Pine 14.43'
10" Pine Stump 6.83'
4" Pine 4.45'
12" Pine 13.68'
12" Ascen. 13.03'
4" Aspen 10.95'
5" Maple 11.97'
4" Maple 8.65'
6" Maple 12.83'
12" Cherry
6" Maple 6.09'
8" Spruce 12.16'
8" Spruce 6.32'
10" Spruce 12.98'
36" Lin. 23.50'
8" Spruce 5.48'
6" Spruce 6.33'
10" Spruce 8.10'
10" Spruce 13.07'
10" Spruce 9.16'
18" Spruce 9.16'
E4 Tamarac 16.14'
E4 Tamarac 11.80'
E4 Tamarac 9.10'
E4 Tamarac 3.44'
E8 Tamarac 12.61'
E8 Tamarac 6.21'
E8 Tamarac 11.43'
E8 Tamarac 1.61'
E8 Tamarac 5.93'
E8 Tamarac 5.99'
E8 Tamarac 5.89'
E8 Tamarac 7.58'
E8 Tamarac 6.52'
E8 Tamarac 4.31'
E8 Tamarac 4.95'
E8 Tamarac 6.63

Demolition and Disposal of Building Item 556
SB 1375+50 Rt.
SB 1374+80 Rt.

Treated Timber Curb, Item 558 *
SB 1366+00-1367+00 Lt.
NB 1367+00-1370+50 Lt.

Bituminous Concrete Curb Item 555
SB 1367+00-1369+32 Lt.
SB 1367+00-1369+38 Rt.
NB 1370+50-1372+32 Lt.
NB 1372+00-1372+39 Rt.

Stone Fill for Slope Protection (Light Type) Item 512
NB 1371+50 Rt.-1372+25 Rt.-Special Ditch
SB 1367+50 Rt.-NB 1371+50 Lt.-Special Ditch
NB 1373+00-1373+80 Rt.-Special Ditch
SB 1370+25 Lt.-T-9 14+00 Lt.-Special Ditch
T-9 14+00 Rt.-15+45'
NB 1375+50 Rt.-1045'
SB 1366+50 Lt.-1367+50 Lt.-Special Ditch

Jute Matting Item 623
SB 1370+25-1371+00 Rt. *
SB 1370+25-1371+50 Lt. *
NB 1375+30-1377+00 Lt. *
NB 1375+30-1377+00 Lt. *
T-9 14+00-16+50 Rt.
T-9 14+00-16+25 Lt.
T-9 17+42-19+50 Lt.
T-9 20+70-22+30 Rt.
NB 1367+00-1368+50 Rt. *

Bridge Railing & Bridge Approaches Item 572
NB 1370+50-1372+32 Lt.
NB 1372+64-1374+16 Lt.
NB 1370+50-1372+32 Rt.
NB 1372+71-1374+21 Rt.
SB 1368+19-1369+32 Lt.
SB 1369+63-1371+38 Lt.
SB 1367+01-1369+38 Rt.
SB 1369+68-1371+93 Rt.

Two Cable Guard Rail Item 541
T-9 20+45-20+93 Rt.
T-9 20+67-21+15 Lt.

Property Line Fence with Steel Posts (Med.) Item 583-II
SB 1366+00-1369+00 Lt.
SB 1369+80-1381+00 Lt.
NB 1367+00-1372+20 Rt.
NB 1372+90-1379+10 Rt.
SB 1369+25 Rt.-NB 1372+00 Lt.
SB 1369+90 Lt.-NB 1372+85 Lt.

Three Cable Guard Rail w/Lt. St. Posts, Item 536
SB 1366+00-1368+67 Lt.
NB 1367+00-1370+50 Lt.

END CONTRACT 1 SB 1367+00 | BEGIN CONTRACT 2 SB 1367+00

Match Line See Sheet No. 46

BEGIN EASEMENT NO.4
END RELINQUISHMENT NO.4
STA. T-9 14+92 (CL)
LENGTH (720')

SB 1374+91 68.3' Lt.

SB 1371+90 200' Lt.

SB 1373+54 200' Lt.

SB 1375+50 200' Lt.

SB 1367+00

STOP ROADWAY - BEGIN BRIDGE SB 1369+34.00

SB 1369+50.00 = T-9 16+97.00 Δ = 77°-26'-50" Rt.

END BRIDGE - RESUME ROADWAY SB 1369+66.00

SOUTHBOUND ROADWAY

NORTHBOUND ROADWAY

STOP ROADWAY - BEGIN BRIDGE NB 1372+34.91

END BRIDGE - RESUME ROADWAY NB 1372+66.91

NB 1372+50.91 = T-9 19+93.96 Δ = 80°-29'-01" Rt.

SB 1372+59 142' Lt.

NB 1378+56 30' Rt.

NB 1376+27 44' Rt.

NB 1380+67 74' Lt.

NB 1376+02 21' Rt.

NB 1373+48 200' Rt.

NB 1372+73 200' Rt.

NB 1379+06 160' Rt.

NB 1379+07 44' Rt.

1380+26 142'

END CONTRACT 1 NB 1370+50 | BEGIN CONTRACT 2 NB 1370+50

BEGIN RELINQUISHMENT NO.5
END EASEMENT NO.4
STA. T-9 22+12 (CL)
LENGTH (1126±)

Match Line See Sheet No. 46

CONTROL OF ACCESS COMPLETE ON THIS SHEET

CONTRACT NO. 2
STAGE I CONSTRUCTION

TOWNS OF LYNDON - BARTON
PROJECT I-91-3 (14)
SECT I
STA. 1370+50 NB TO STA. 1382+00 NB
1367+00 SB 1381+00 SB

Sheet No. 45 of 155 Sheets
BLAIVELT ENGINEERING CO. ORLEANS, VERMONT

* Denotes Stage I Construction

23

Two Cable Guard Rail, Item 541
Lt. 25+25 – 30+21 Rt. 25+75 – 33+27

Plank Guard Rail, Item 540
NB 1379+20 Rt. 24'

Stone Fill for Slope Protection
(Light Type) Item 512
T-9 26+20 Lt. 15'17'

Jute Matting, Item 623
T-9 22+30 – 24+00 Rt.

Property Line Fence with Steel Posts (Mod.), Item 583 II
NB 1379+10 – 1382+00 Rt.

"T-9"
Δ = 63°-03'-00" Lt
D_c = 10°-00'-00"
R = 572.96'
T = 351.11'
L_c = 630.00'
E = 99.02
Bnk = 2%/ft

Match Line See Sheet No. 45

Hub & Tack 8.54'
6" Pine 21.56'
POC 22+50
Hub & Tack 7.45'
256'
SR
575'
(T-9) 25+00 33' LT.
(T-9) 26+20 100' LT.
126'
POC 25+50
91
6" Cedar stump 22.37'
3" Cedar 21.60'
6" Cedar 17.06'
(T-9) 25+50 33' RT.
15-C
3" Pine 11.24'
(T-9) 27+00 85' RT.
(T-9) 27+50 33' LT.
(T-9) 28+50 33' RT.
(T-9) 30+10 120' LT.
(T-9) 30+10 33' LT.
260'
165'
160'
RELOCATE TRAIL
Row 30' 66'
Gray
Day
1379+78 173' Rt.
19
Grain House
A. Gilman Gray
1380+53 204' Rt.
18-A
1380+69 235'
N.B. 1382+00 300' Rt.
118'
18-B
(T-9) 31+28 120' LT.
(T-9) 31+28 33' LT.
18-C
Guard Post 13.00'
Post 12.42'
Guard Post 16.79'
285'
15" CMP Pipe
(T-9) 33+38 33' LT.
Concrete pipe in spring 2.5'x4'
Alton Gilman Bickford
Concrete fnd.
(T-9) 33+38 1' LT.
(Blackhead) Spring
Concrete pipe in spring 2.5'x4' (Gray)
Hub & Tack 10.80
Hub & Tack 8.95'
Hub & Tack 16.46'
33' POT 35+38
Alton Gilman
Day
NET of ℄ 19 & LEP 151
NET of ℄ 19 & LEP 148
NET of ℄ 2 & 20
NET of ℄ 2 & 137
NET of ℄ 9 & 138
NET of ℄ 9 & 139
12" Pine 4.30'
3" Pine 4.00'
3" Pine 2.48'
POT 8+00
T-9 26+20 Lt. – 27+00 Rt. New 42"x 55' ACCGMP, 10 ga
Pt. Sta. 26+
Notes
BEGIN RELINQUISHMENT NO. 4
STA. TH 9 10+20 (7' RT.)
LENGTH (472'±)
(T-9) 10+20 33' LT.
(T-9) 10+20 33' RT.
40'
80'
16-B
10+00 ℄
1" Pipe 2.2' Lt.
BEGIN CONSTRUCTION
STA. 10+70
(T-9) 11+00 33' RT.
SR
(T-9) 12+16 33' LT.
Hub & Tack 9.14'
Hub & Tack 7.50'
Hub & Tack 7.48'
POC 10+70
Match Line See Sheet No. 45
T-9 30+50 – 31+00 Lt. Construct Drive, Item 201
T-9 30+75
T-9 30+50 – 31+00 Lt. New 15"x50' RCP Class III or CMP, 16 ga or CARP, 16 ga
T-9 32+45 R – 32+70 Lt. Remove Existing Pipe, Item 105.4
END CONSTRUCTION STA. 33+38
Guard Rail
END RELINQUISHMENT NO. 5
STA. TR 9 33+38 (1' LT.)

0 50 100
SCALE IN FEET

CONTRACT NO. 2
STAGE 1 CONSTRUCTION
TOWNS OF LYNDON – BARTON
PROJECT 1-91-3 (14)
SECT. I
TOWN ROAD 9
Sheet No. 46 of 155 Sheets
BLAUVELT ENGINEERING CO. ORLEANS, VERMONT

24

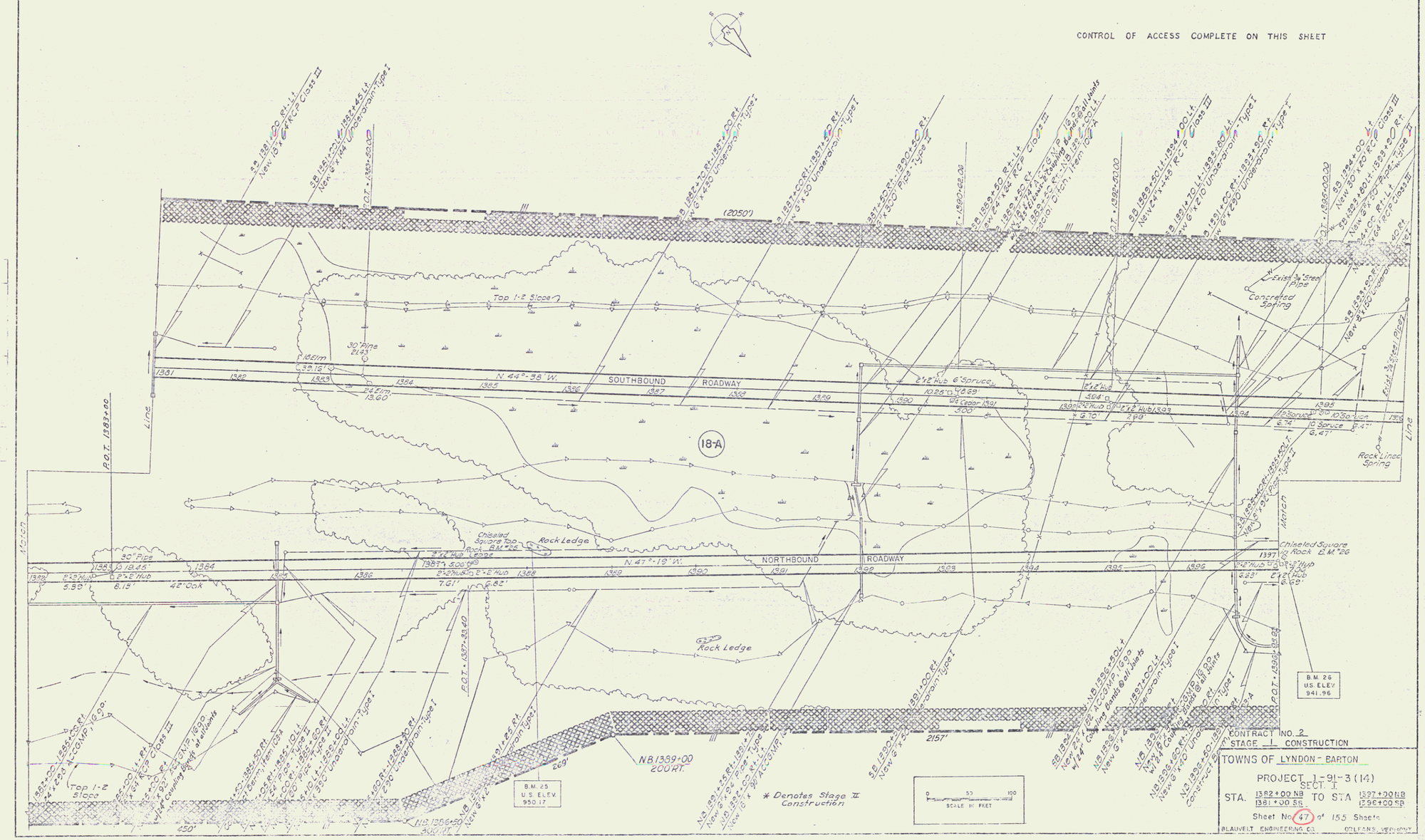
Stone Fill for Slope Protection (Light Type) Item 512
SB 1389 + 20 Rt - NB 1393 + 00 Lt. Special Ditch
NB 1393 + 20 - 1398 + 20 Rt. - 1.5' High

Property Line Fence with Steel Post (Mod.) Item 583 II
SB 1361 + 00 - 1396 + 00 Lt.
NB 1392 + 00 - 1397 + 00 Rt.

Bituminous Concrete Curb Item 555 *
SB 1395 + 00 - 1396 + 00 Lt

Three Cable Guard Rail with Lt St. Posts
Posts, Item 538 *
SB 1394 + 06 - 1396 + 00 Lt
NB 1387 + 00 - 1397 + 00 Lt

CONTROL OF ACCESS COMPLETE ON THIS SHEET



CONTRACT NO. 2
STAGE I CONSTRUCTION

TOWNS OF LYNDON - BARTON

PROJECT I-91-3(14)
SECT. I

STA. 1382+00 NB / 1381+00 SB TO STA 1397+00 NB / 1396+00 SB

Sheet No. 47 of 155 Sheets

BLAUVELT ENGINEERING CO. OSWEGO, NEW YORK

25

Standard Steel Beam Guard Rail with Lt. Steel Posts - Item 545 E *
SB 1405+40 - 1406+94 Lt.

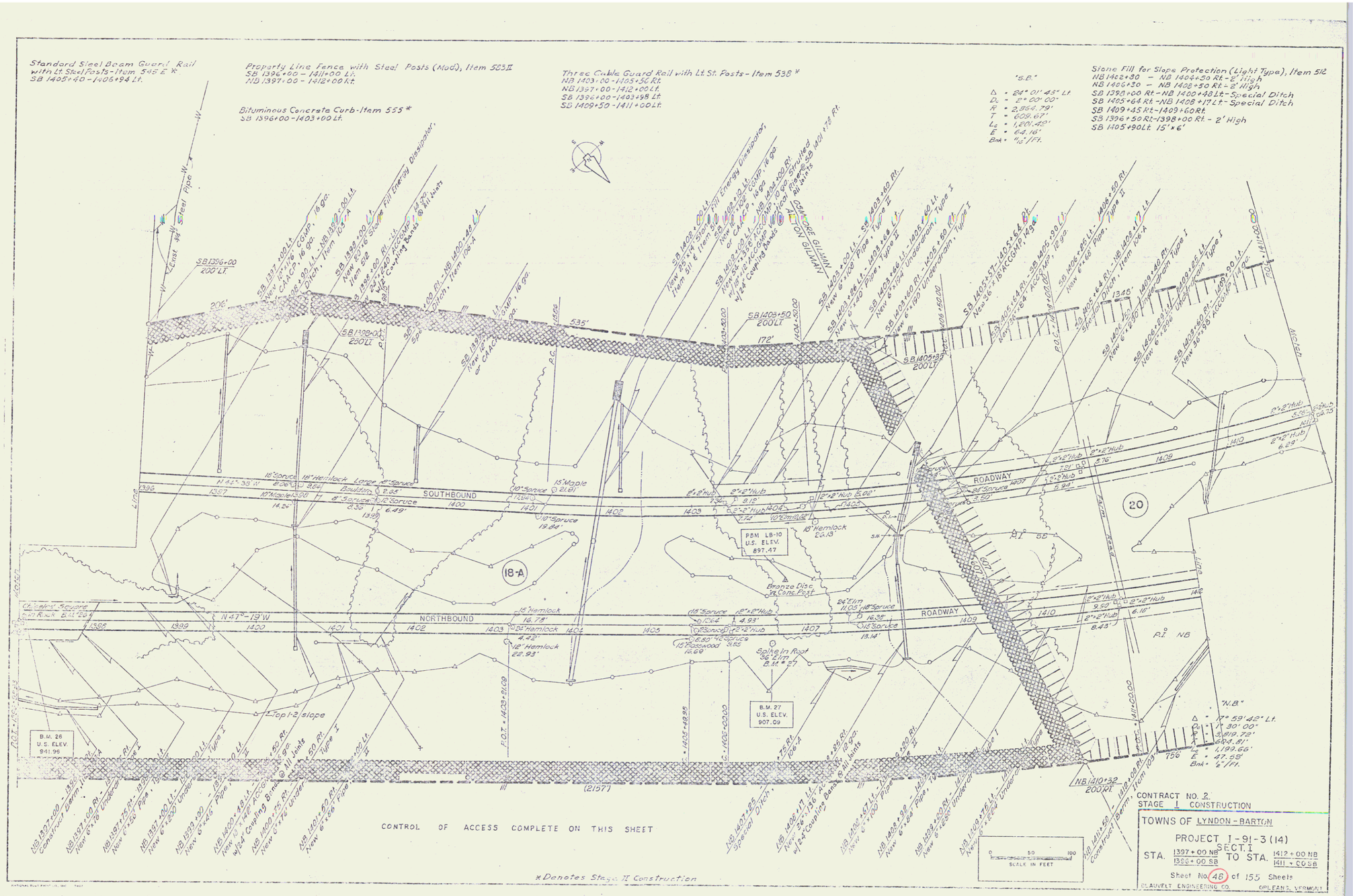
Property Line Fence with Steel Posts (Mod), Item 503 II
SB 1396+00 - 1411+00 Lt.
NB 1397+00 - 1412+00 Rt.

Bituminous Concrete Curb - Item 555 *
SB 1396+00 - 1403+00 Lt.

Three Cable Guard Rail with Lt. St. Posts - Item 538 *
NB 1403+00 - 1405+56 Rt.
NB 1397+00 - 1412+00 Lt.
SB 1396+00 - 1403+98 Lt.
SB 1409+50 - 1411+00 Lt.

"S.B."
Δ = 24° 01' 43" Lt.
D_c = 2° 00' 00"
R = 2,864.79'
T = 609.67'
L_c = 1,201.42'
E = 64.16'
Bmk = "15" / Ft.

Stone Fill for Slope Protection (Light Type), Item 512
NB 1402+30 - NB 1404+50 Rt. - 2' High
NB 1406+30 - NB 1408+50 Rt. - 2' High
SB 1398+00 Rt. - NB 1400+48 Lt. - Special Ditch
SB 1405+64 Rt. - NB 1408+17 Lt. - Special Ditch
SB 1409+45 Rt. - 1409+60 Rt.
SB 1396+50 Rt. - 1398+00 Rt. - 2' High
SB 1405+90 Lt. 15' x 6'



*Denotes Stage II Construction

CONTRACT NO. 2
STAGE I CONSTRUCTION

TOWNS OF LYNDON - BARTON

PROJECT I-91-3(14)
SECT. I
STA. 1397+00 NB / 1396+00 SB TO STA. 1412+00 NB / 1411+00 SB

Sheet No. 46 of 155 Sheets

DEAUVELT ENGINEERING CO. ORLEANS, VERMONT

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Jute Matting, Item 623 *
NB 1419+00 - 1421+00 Rt.
NB 1420+25 - 1422+50 Lt.

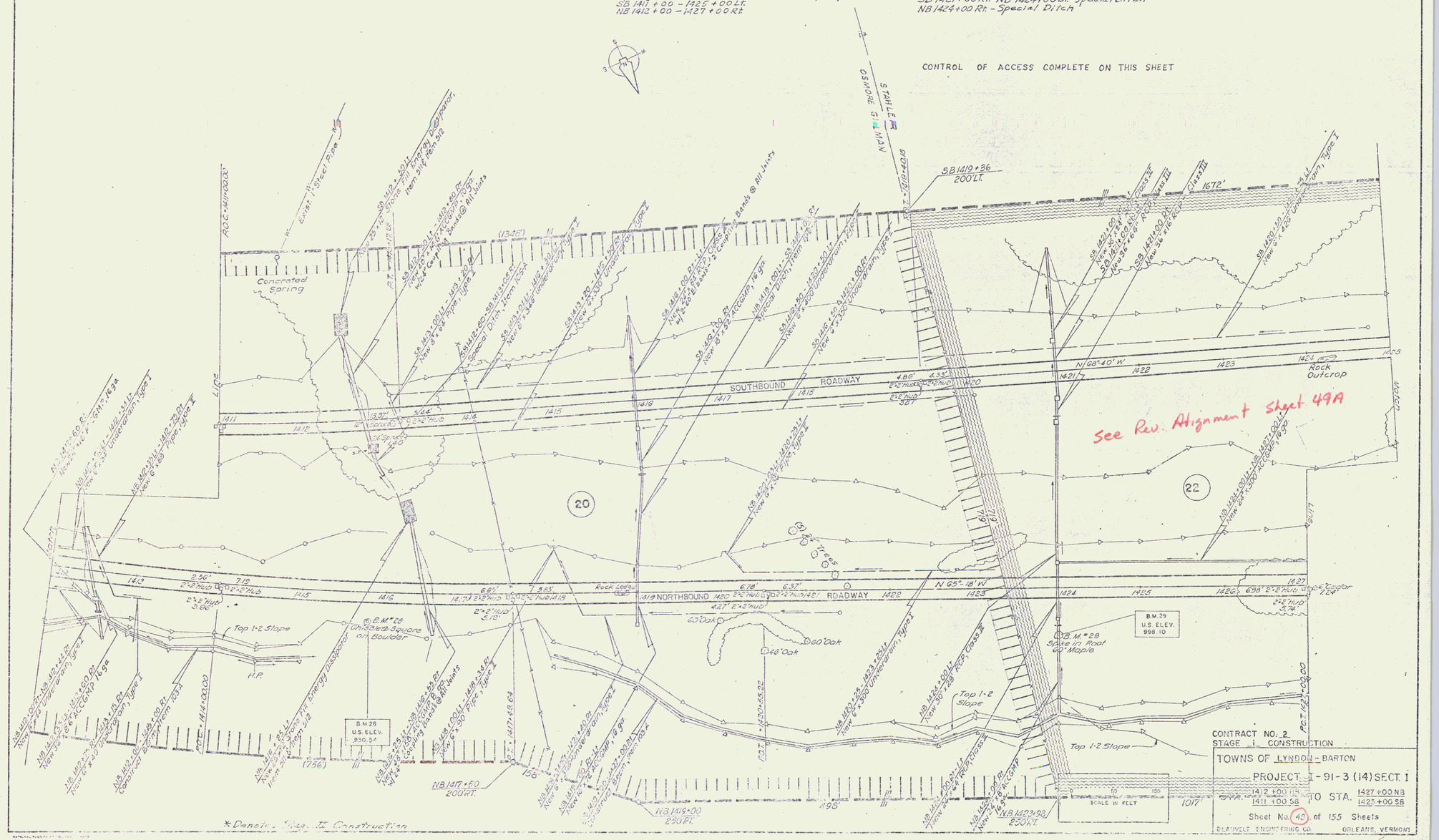
Three Cable Guard Rail with Lt. St. Posts Item 538*
NB 1412+00 - 1420+69 Lt.
SB 1411+00 - 1415+50 Lt.

Property Line Fence with Steel Posts (Mod) Item 583 II
SB 1411+00 - 1422+00 Lt.
NB 1412+00 - 1427+00 Rt.

Stone Fill For Slope Protection (Light Type) Item 512
NB 1415+20 - 1417+80 Rt. - 2' High
SB 1412+80 Rt. - SB 1413+05 Rt. - Special Ditch
NB 1412+60 Rt. - NB 1412+67 Rt.
SB 1416+00 Rt. - NB 1419+00 Lt. - Special Ditch
SB 1421+00 Rt. - NB 1424+00 Lt. - Special Ditch
NB 1424+00 Rt. - Special Ditch

Standard Steel Beam Guard Rail w/ Lt. St. Posts - Item 545-E
SB 1411+76 - 1413+30 Rt.
NB 1415+51 - 1417+05 Rt.

CONTROL OF ACCESS COMPLETE ON THIS SHEET



CONTRACT NO. 2
STAGE I CONSTRUCTION
TOWNS OF LYNDON - BARTON
PROJECT I-91-3(14)SECT. I
STA. 1412+00 NB TO STA. 1427+00 NB
STA. 1411+00 SB TO STA. 1425+00 SB
Sheet No. 40 of 155 Sheets
BLAIR/VELT ENGINEERING CO. ORLEANS, VERMONT

*Denotes Stage II Construction

Property Line Fence With Steel Posts Mod, Item 583-II
S.B. 1411+00 Lt. - 1425+00 Lt.
N.B. 1412+00 Rt. - 1428+00 Rt.

Drilling & Blasting of Solid Rock Subgrade Item 118
S.B. 1419+75 - 1425+00
N.B. 1412+75 - 1419+75
N.B. 1421+25 - 1428+00

Three Cable Guard Rail With Light Steel Posts - Item 535 *
S.B. 1413+13 - 1414+05 Rt.
S.B. 1411+00 - 1413+50 Lt.

Sub-base of Sand Item 202
S.B. 1411+50 - 1412+00

Rev. S.B. Curve Data
Δ 1°00'00" Lt.
D 2°00'00"
R 2864.79'
T 26.00'
L 50.01'
E 0.11'
27-L 0.00'
Bak 14-11

Rev. S.B. 1419+42
184' Lt.
Orig. S.B. 1419+36
200' Lt.

Rev. N.B. Curve Data
Δ 6°50'00" Lt.
D 13°30'00"
R 381.972'
T 22.605'
L 45.55'
E 0.67'
27-L 0.67'
Bak 14-11

Rev. N.B. 1412+75 - N.B. 1423+75 Lt.
Construct Berm Ditch - Item 106-A
N.B. 1423+00 Rt. - S.B. 1421+50 Lt.
New 18"ø x 26' ACCG(MP) (Coated) w/ Two 20° Bends & 24" Coupling Bands at all Connections

Rev. N.B. 1423+67
300' Rt.
Orig. N.B. 1423+98
250' Rt.

Rev. N.B. 1417+48
202' Rt.
Orig. N.B. 1417+50
200' Rt.

Rev. N.B. 1418+44
252' Rt.
Orig. N.B. 1419+20
250' Rt.

Surv. POT 1419+77.69
Rev. N.B. DI 1419+77.69
1419+77.14 Ahd.

Rev. S.B. DI 1413+42.28
1419+42.28 Ahd.

Surv. PT 1413+17.29
Calc. PC 1413+17.28

Rev. N.B. POT 1422+05.19

Rev. N.B. POT 1425+35.07

Rev. N.B. POT 1426+32.07

Rev. N.B. POT 1421+20.02

Rev. N.B. POT 1419+40.27

Rev. S.B. POT 1413+67.28

N 69°-40'-10" W - SOUTHBOUND -

N 72°-00'-20" W - NORTHBOUND -

Concreted Spring

Pasture & Scattered Fir Trees

Cedar Woods

Pasture & Light Woods

Scattered Cedars Pasture

Rock Outcrop

Scattered Cedars

@ BM #28
Chiseled Square on Boulder
ELEV. 930.64

BM #29
Spike in Root 60" Maple
US ELEV 963.10

PBM 18-11
US ELEV. 889.84

* Indicates Stage II Construction Items

STAGE 1 CONSTRUCTION
LYNDON - BAPTON CONT. 2
SURVEYED BY: SMITH DATE 10-70
DRAWN BY: KEEN CHK'D 11-70
TRACED BY: KEND CHK'D 11-70
STA. 1402+50 TO STA. 1428+00 N.B.
1411+50 1425+60 S.B.
PROJ. I 101 FED. NO. 31-19
SHEET NO. 49A TOTAL SHEETS 155

Property Line Fence with Steel Posts (Mod), Item 563E
SB 1425+00 - 1440+00 Lt.
NB 1427+00 - 1441+00 Rt.

Standard Steel Beam Guard Rail with Lt. St. Posts, Item 545E
NB 1435+06 - 1436+60 Rt.

Three Cable Guard Rail with Lt. St. Posts, Item 538*
SB 1438+58 - 1440+00 Lt.
NB 1433+48 - 1441+00 Lt.
SB 1426+00 - 1430+48 Lt.

Stone Fill for Slope Protection (Light Type), Item 512
SB 1438+75 Rt. - SB 1440+00 Rt. - 2' High
NB 1436+10 Lt. - SB 1433+00 Rt. - Special Ditch
SB 1433+00 Lt., 10'x6'

See Rev. Alignment Sheet 50A

CONTROL OF ACCESS COMPLETE

TOWN OF LYNDON
TOWN OF WHEELOCK

SB 1436+08
200' LT.

(1672')

(588')

(687')

(1160')

(1017')

(417')

(1715')

SOUTHBOUND ROADWAY

NORTHBOUND ROADWAY

N 88°-40' W

N 83°-18' W

Top 1-2 Slope

Stone Wall

Rock Outcrop

40" Maple

30" Maple

30" Oak

36" Maple

Chiseled Square on Top Rock

P.B.M. LB-11
U.S. ELEV.
969.24

Bronze Disc in Conc. Post

STAHLER

CHESTER

NB 1434+15
250' RT.

NB 1434+15
232' RT.

NB 1438+31
250' RT.

NB 1436+39
141' RT.

P.O.T. = 1439+10.27

P.O.T. = 1435+51.74

P.O.T. = 1432+47.45

P.O.T. = 1439+18.51

P.O.T. = 1427+00.00

P.O.T. = 1427+69.46

P.O.T. = 1428+75.00

P.O.T. = 1428+75.00

P.O.T. = 1433+00.00

P.O.T. = 1433+10.00

P.O.T. = 1433+75.00

P.O.T. = 1433+10.00

P.O.T. = 1433+00.00

P.O.T. = 1433+00.00

P.O.T. = 1433+00

Timber Curb, Item 606 *
S.B. 1429+00 - 1430+30 Lt.
S.B.L. 39+00 - 1440+00 Lt.

Timber Curb Guard Rail w/ Light *
Steel Posts, Item 538
S.B. NB 6+00 - 1433+04 Lt.

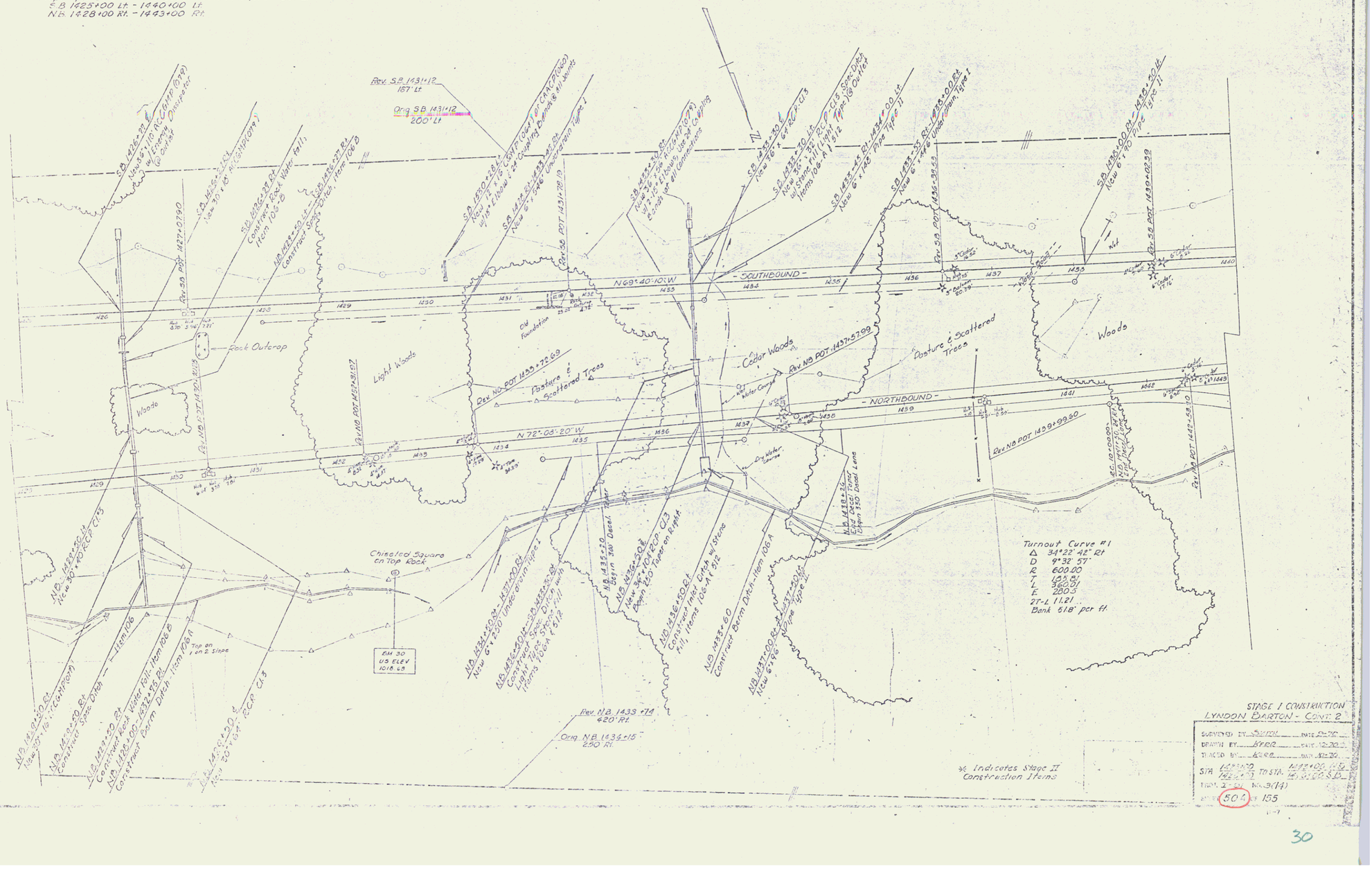
Drilling and Blasting of Solid Rock Subgrade - Item 115
S.B. 1425+00 - 1428+25
N.B. 1428+00 - 1434+25
N.B. 1437+25 - 1442+25

Muck Excavation Item 117
S.B. 1438+00 - 1440+00
N.B. 1442+50 - 1443+50

Std. Steel Beam Guard Rail w/ Steel Posts *
(6'-3" Spacing), Item 545-A
S.B. 1438+50 - 1440+00

Sub-base of Sand, Item 202
N.B. 1433+50 - 1439+50
S.B. 1433+00 - 1435+00

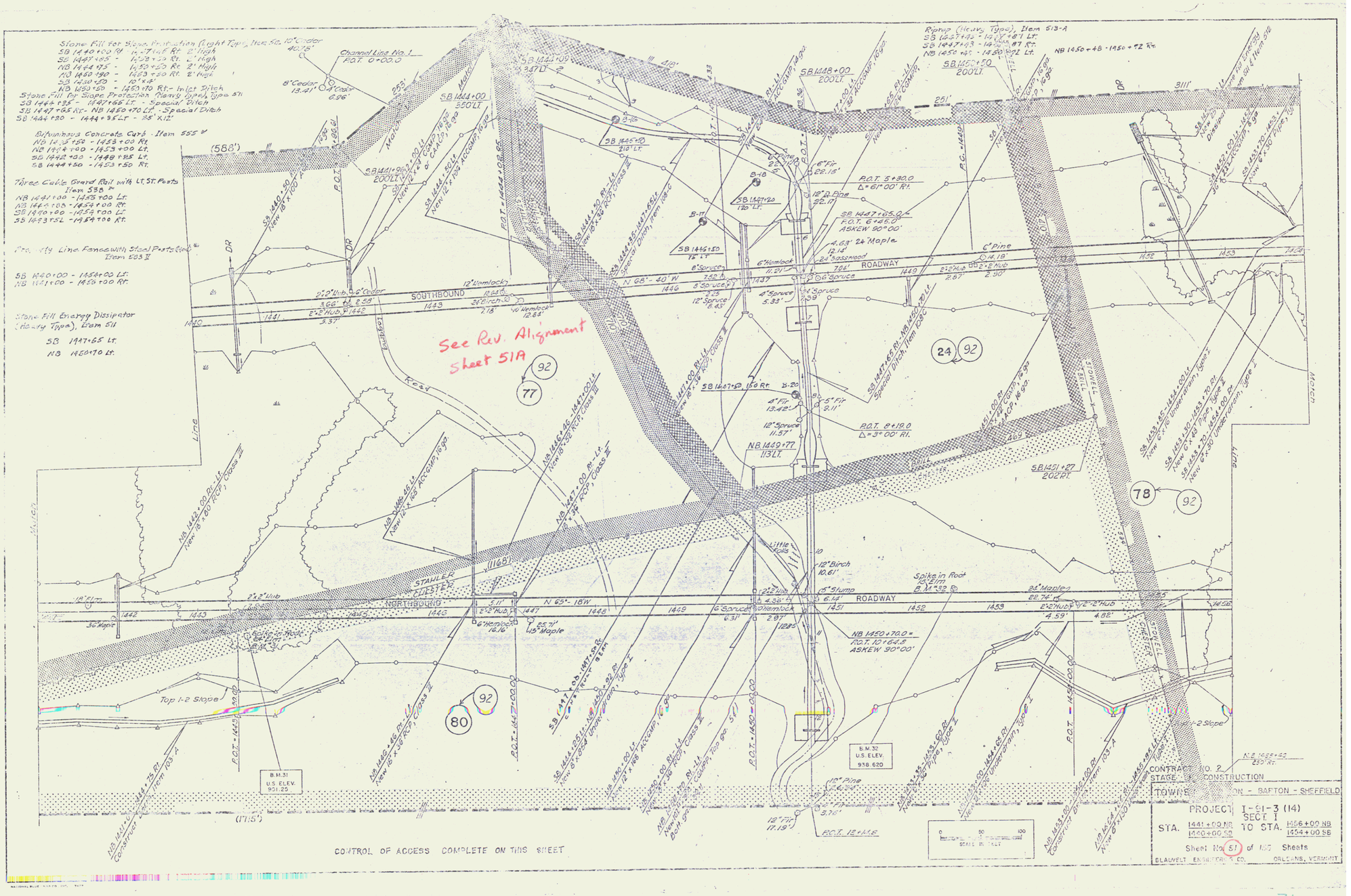
Property Line Fence With Steel Posts Mod., Item 583 II
S.B. 1425+00 Lt. - 1440+00 Lt.
N.B. 1428+00 Rt. - 1443+00 Rt.

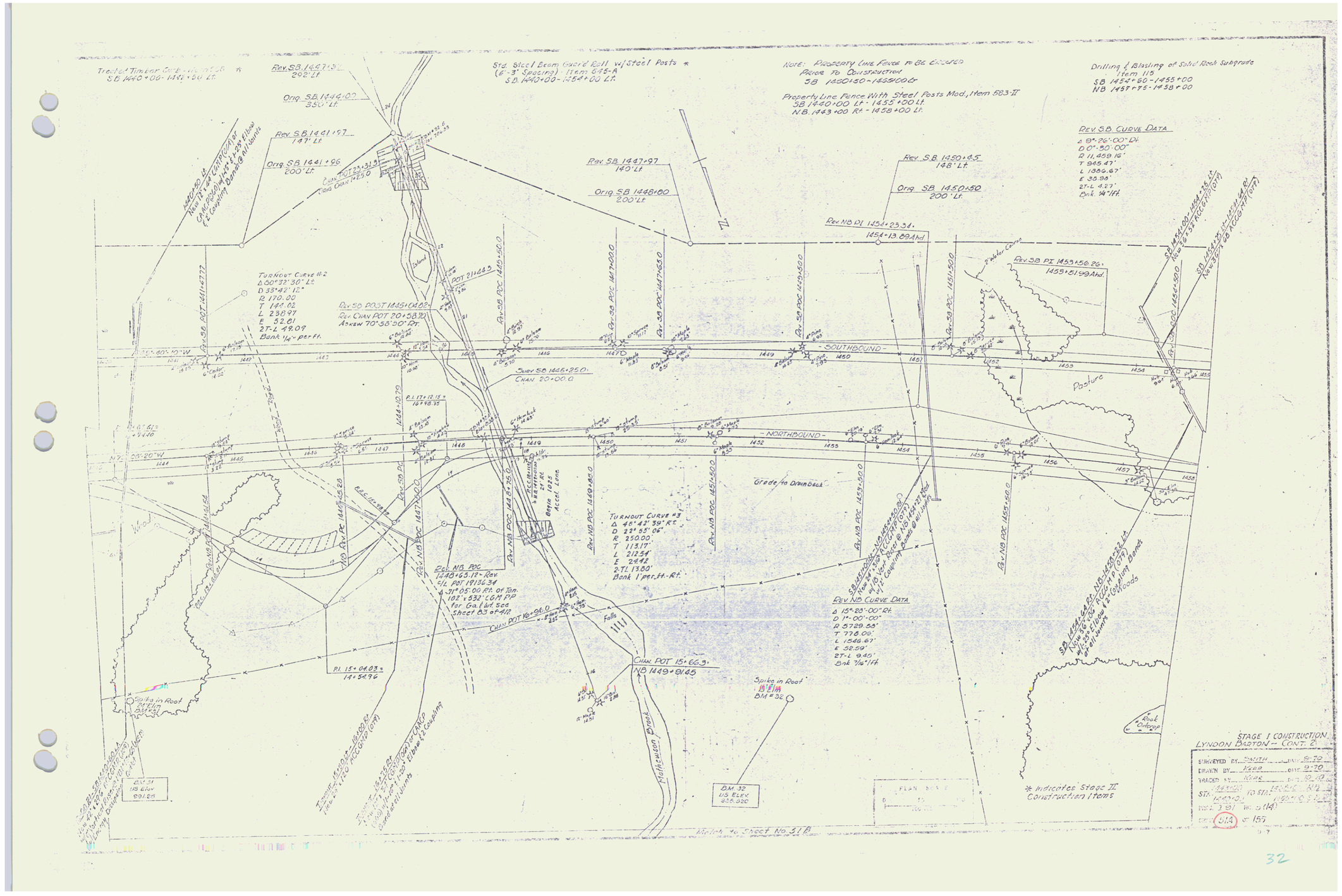


STAGE I CONSTRUCTION
LYNDON BARTON - CONT. 2

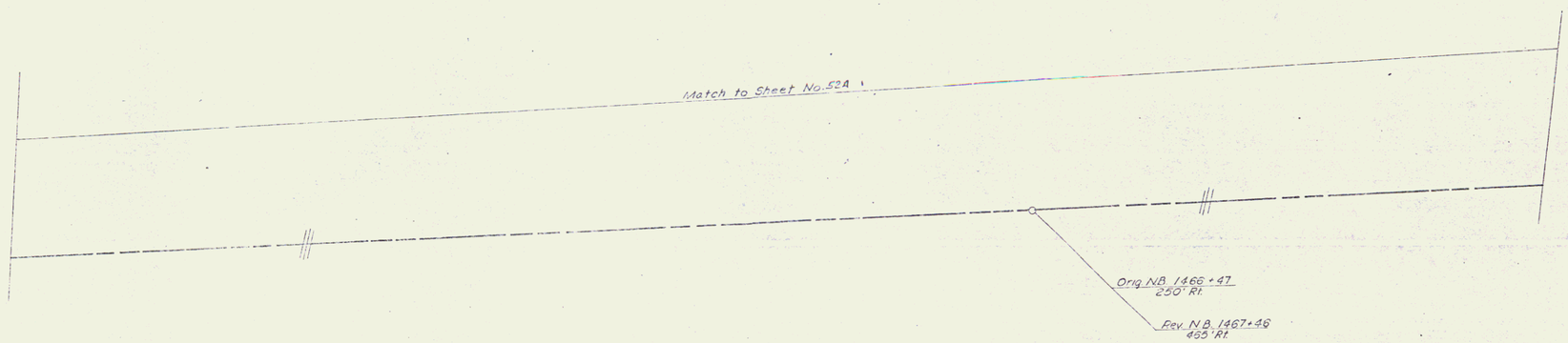
SURVEYED BY: SEATON DATE: 12-70
DRAWN BY: KARR DATE: 12-70
TRACED BY: KARR DATE: 12-70
STA. (FROM) 1423+00 (R) TO STA. 1443+00 SB.
FROM 2 - SH. NO. 3(14)
SHEET 50 OF 155

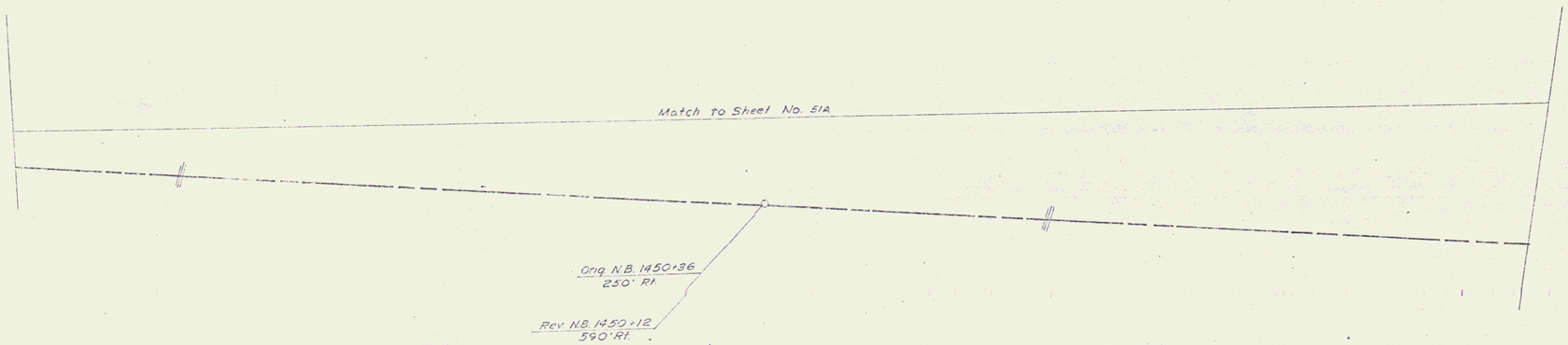
30


Stone Fill for Slope Protection (Light Rip), Item Sec. 10 "Cedar
SB 1440+00 Rt - 1441+40 Rt 2' High
SB 1447+95 - 1453+50 Rt. 2' High
NB 1444+75 - 1453+50 Rt 2' High
NB 1450+90 - 1453+50 Rt. 2' High
SB 1450+50 - 10'x4'
NB 1450+50 - 1450+70 Rt. - Inlet Ditch
Stone Fill for Slope Protection (Heavy Rip), Type 511
SB 1446+85 - 1447+65 Lt. - Special Ditch
SB 1447+65 Rt - NB 1450+70 Lt. - Special Ditch
SB 1444+20 - 1444+95 Lt - 35' X 12'
Bituminous Concrete Curb, Item 555 #
NB 1439+50 - 1453+00 Rt.
NB 1439+00 - 1453+00 Lt.
SB 1442+00 - 1448+25 Lt.
SB 1444+50 - 1453+50 Rt.
Three Cable Guard Rail with Lt. St. Posts Item 538 #
NB 1441+00 - 1458+00 Lt.
NB 1441+00 - 1454+00 Rt.
SB 1440+00 - 1454+00 Lt.
SB 1443+50 - 1454+00 Rt.
Property Line Fence with Steel Posts (Std.) Item 603 II
SB 1440+00 - 1456+00 Lt.
NB 1441+00 - 1456+00 Rt.
Stone Fill Energy Dissipator (Heavy Type), Item 511
SB 1447+65 Lt.
NB 1450+70 Lt.
Channel Line No. 1
P.O.T. 0+00.0
8" Cedar 13.41'
6" Cedar 6.96'
(588')
SB 1441+09 3.87' Lt.
SB 1444+00 250' Lt.
SB 1441+00 200' Lt.
New 18"x38' RCP, Class III
New 12"x 24" Corr. 16 ga. CMAP, 16 ga.
SB 1444+50 Rt - Lt New 18"x 38' RCP, Class III
New 12"x 24" Corr. 16 ga. CMAP, 16 ga. Accomp. 16 ga.
P.O.T. = 1444+08.95
SB 1444+35 - 1447+65 Lt. Special Ditch, Item 108-6
SB 1445+50 210' Lt.
SB 1447+20 120' Lt.
SB 1445+50 75' Lt.
SB 1447+65.0 Rt. P.O.T. 6+65.0 ASKEW 90°00'
SB 1448+00 200' Lt.
Riprap (Heavy Type), Item 613-A
SB 1447+93 - 1448+87 Lt.
SB 1447+93 - 1448+87 Rt.
NB 1450+41 - 1450+71 Lt.
NB 1450+48 - 1450+92 Rt.
SB 1450+50 200' Lt.
P.O.T. 5+30.0 Δ = 61°00' Rt.
P.O.T. 8+19.0 Δ = 3°00' Rt.
NB 1449+77 113' Lt.
SB 1451+27 202' Rt.
NB 1450+70.0 = P.O.T. 10+64.8 ASKEW 90°00'
SB 1452+00 Lt. New 6"x 16' Underdrain, Type I
SB 1453+90-1455+70.01 New 6"x 48' Pipe, Type II
SB 1453+70 - 1454+00 Rt. New 6"x 30' Underdrain, Type I
SB 1453+70-1453+ New 6"x 30' Pipe, Type II
Outlet Ditch
Ditch Line
Property Line
Edge of Road
SOUTHBOUND
NORTHBOUND
ROADWAY
STAUFFER FORESTER
STONELL FORESTER
See Rev. Alignment Sheet 51A
92
77
24
78
80
B.M. 31 U.S. ELEV. 901.25
B.M. 32 U.S. ELEV. 938.620
Top 1-2 Slope
1-2 Slope
CONTROL OF ACCESS COMPLETE ON THIS SHEET
SCALE IN FEET
CONTRACT NO. 2
STAGE - CONSTRUCTION
TOWNS ON - BAFTON - SHEFFIELD
PROJECT I-91-3 (14) SECT. I
STA. 1441+00 NB 1440+00 SB TO STA. 1456+00 NB 1454+00 SB
Sheet No. 51 of 157 Sheets
BLAUVELT ENGINEERING CO. ORLEANS, VERMONT
31


Treated Timber Guide - Items 608
SB 1440+00 - 1451+50 Lt.
Rev. SB 1447+32
202' Lt.
Orig. SB 1446+00
350' Lt.
Rev. SB 1441+97
147' Lt.
Orig. SB 1441+96
200' Lt.
Std. Steel Beam Guard Rail w/Steel Posts *
(6'-3" Spacing) - Item 606-A
SB 1440+00 - 1454+00 Lt.
NOTE: Property Line Fence to Be Erected Prior To Construction
SB 1430+50 - 1459+00 Lt.
Property Line Fence With Steel Posts Mod., Item 583-II
SB 1440+00 Lt. - 1455+00 Lt.
N.B. 1443+00 Rt. - 1458+00 Lt.
Drilling & Blasting of Solid Rock Subgrade
Item 115
SB 1454+60 - 1455+00
NB 1457+75 - 1458+00
Rev. SB Curve Data
Δ 9°-26'-00" Dt.
D 0°-30'-00"
R 11,459.16'
T 945.47'
L 1889.67'
E 38.98'
2T-L 4.27'
Bnk. 1/4"/Ft.
Rev. SB 1447+97
140' Lt.
Orig. SB 1448+00
200' Lt.
Rev. SB 1450+45
148' Lt.
Orig. SB 1450+50
200' Lt.
Rev NB PI 1454+23.34
1454+13.69 Ahd.
Rev SB PI 1459+56.26
1459+51.99 Ahd.
Turnout Curve #2
Δ 60°32'30" Lt.
D 33°42'12"
R 170.00
T 104.02
L 238.97
E 32.81
2T-L 49.09
Bank 1/4" per Ft.
Rev SB POST 1445+06.82
Rev Chan POT 20+58.20
Ahead 70°58'30" Rt.
POT 21+44.3
Rev SB POC 1445+60.0
Rev SB POC 1447+00.0
Rev SB POC 1447+63.0
Rev SB POC 1449+50.0
Rev SB POC 1451+50.0
- SOUTHBOUND -
- NORTHBOUND -
Chan SB 1445+25.0
Chan 20+00.0
P.I. 17+12.15 =
16+98.35
Rev SB POC 1448+10.79
Rev SB POC 1448+25.28
Rev SB POC 1448+75.0
Rev NB POC 1449+00.0
Rev NB POC 1451+50.0
Rev NB POC 1453+50.0
Rec. NB POC
1448+63.18 - Rev
c/l Pot 19+36.34
at 34°-05'-00" Rt. of Tan.
102' x 532' CGM PP
for Ga. Ent. See
Sheet 83 of 412
Turnout Curve #3
Δ 46°-42'-39" Rt.
D 22°-55'-06"
R 250.00'
T 113.17'
L 212.54'
E 24.92
2T-L 13.80'
Bank 1' per Ft.-Rt.
Rev NB Curve Data
Δ 15°-23'-00" Rt.
D 1°-00'-00"
R 5729.58'
T 778.00'
L 1546.67'
E 52.59'
2T-L 9.45'
Bnk 7/16"/Ft.
Grade to Drainback
Chan POT 10+96.0
Chan POT 15+66.3
NB 1449+91.85
P.I. 15+04.03 =
14+54.96
Falls
Mahuzon Brook
Pasture
Rock Outcrop
Spike in Root
BM #31
EL 1151.29
Spike in Root
BM #32
BM 32
U.S. Elev
828.920
* Indicates Stage II Construction Items
STAGE I CONSTRUCTION
LYNDON BARTON -- CONT. 2
SURVEYED BY SMITH DATE 9-70
DRAWN BY KEAR DATE 9-70
TRACED BY KEAR DATE 10-70
STA. 1440+00 TO STA. 1459+00 N.E.
PROJ. I 91 NO. 5(14)
STATE VT. NO. 157
Match to Sheet No. 31A

32





STAGE 1 CONSTRUCTION
LYNDON - BARTON - CONT 2

DRAWN BY COMPIAN DATE 3/2
TRACED BY COMPIAN DATE 3/2
PROJ. 321 NO. 3(14)
SHEET 51-B OF 155

POOR ORIGINAL COPY

Three Cable Guard Rail with Lt St. Posts, Item 538 P
NB 1466+54 - 1470+00 Lt.
SB 1465+38 - 1469+00 Lt.
NB 1456+00 - 1458+52 Lt.
SB 1454+00 - 1454+08 Rt.
SB 1457+00 - 1457+36 Lt.

"B"
Δ = 8°26'00" Rt.
D_c = 0°30'00"
R = 11,459.16'
T = 844.87

Stone Fill for Slope Protection (Light Type)
Item 512
SB 1466+30 - 1468+50 Rt. - 2' High
NB 1456+50 Lt. 10'x6'

Property Lines with Steel Posts(mod)
Item 631L
SB 1454+00 - 1469+00 Lt.
NB 1456+00 - 1470+00 Rt.

SOUTHBOUND ROADWAY
NORTHBOUND ROADWAY
Top 1-2 slope
Top 1-2 slopes
Field
Road
36" Elm
36" Pine
STONE
WILLSON
CONTROL OF ACCESS COMPLETE ON THIS SHEET
P.B.M. LB 12 U.S. ELEV. 1005.26 Bronze Disc in Ledge
B.M. 33 U.S. ELEV. 1026.18
B.M. 33 Drilled Square on Top of Rock
See Rev. Alignment Sheet 52A
78 92
92 25-A
25-A

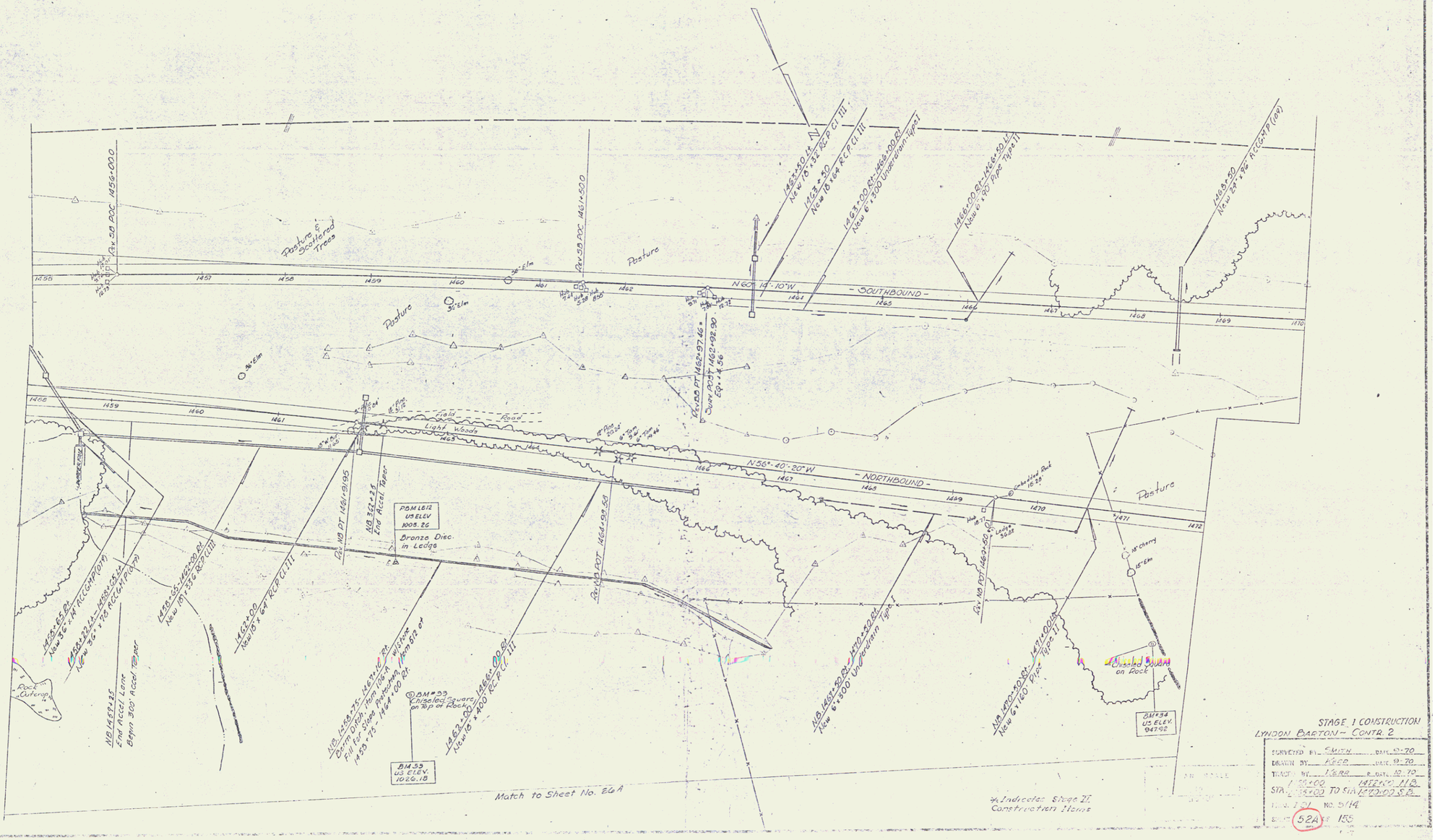
CONTRACT NO. 2
STAGE I CONSTRUCTION
TOWNS OF LYNDON - BARTON
PROJECT I-91-3(14)
SECT. I
STA. 1456+00 NB 1454+00 SB TO STA. 1470+00 NB 1469+00 SB
Sheet No. 52 of 155 Sheets
FLANVELT ENGINEERING CO. ORLEANS, VERMONT

34

Drilling & Blasting of Solid Rock Subgrade
Item 115
S.B. 1455+00-1463+20
N.B. 1458+00-1467+25

Property Line Fence With Steel Posts Mod., Item 583-II
S.B. 1455+00 Lt. - 1470+00 Lt.
N.B. 1458+00 Rt. - 1472+00 Rt.

NOTE: PROPERTY LINE FENCE TO BE ERECTED PRIOR TO CONSTRUCTION
S.B. 1455+00 ~ 1470+00 LT
N.B. 1466+87 ~ 1472+00 RT



STAGE 1 CONSTRUCTION
LYNDON BARTON - CONTR. 2

SURVEYED BY: SMITH DATE: 9-70
DRAWN BY: KEGO DATE: 9-70
TRACED BY: KARR DATE: 10-70
STA. 1455+00 TO STA. 1470+00 S.B.
STA. 1458+00 TO STA. 1472+00 N.B.
FED. PROJ. NO. 5114
SHEET NO. 52A OF 155 SHEETS

Bituminous Concrete Conn. Item 5.38*
NB 1470+00 to 1473+00 Lt.

SB 1471+00 to 1482+50 Lt.
SB 1473+50 to 1479+50 Rt.

Three Cable Guard Rail With Lt. St. Posts, Item 538*
NB 1470+00 to 1485+00 Lt.

SB 1469+00 to 1483+00 Lt.
SB 1473+00 to 1480+04 Rt.

Stone Fill for Slope Protection (Light Type) Item 512
SB 1471+50 to 1480+00 Rt. - 2' High
NB 1473+80 to 1477+00 Rt. 2' High

NB 1483+00 to 1486+75 Rt. - 2' High
NB 1483+35 Lt. - 15'x5'
SB 1478+50 Lt. - 15'x5'

Property Line Fence with Steel Posts (Mod) Item 583 II
SB 1459+00 - 1483+00 Lt.
NB 1470+00 - 1485+00 Rt.

SOUTHBOUND ROADWAY

NORTHBOUND ROADWAY

STOWELL

WILLSON

INGALLS, LESSEE HOPKINS, NORCROSS

B.M. 34 U.S. ELEV. 947.92

B.M. 35 U.S. ELEV. 953.99

B.M. "35"

Chiseled square on Rock

Top 1-2 slope

See Rev Alignment Sheet 53A

CONTROL OF ACCESS COMPLETE ON THIS SHEET

SCALE IN FEET 0 50 100

CONTRACT NO. 2
STAGE I CONSTRUCTION

TOWNS OF LYNDON - BARTON

PROJECT I-91-3(14)
SEC'T. I

STA. 1470+00 NB TO STA. 1485+00 NB
1469+00 SB 1485+00 SB

Sheet No. 52 of 153 Sheets

SURVEY ENTITLED "PROFILE" ORLEANS, VERMONT

36

Muck Excavation, If Any, Lt.
NB. 1474+50 - 1476+50
NB. 1483+50 - 1485+00

Property Line Fence Wit. Steel Posts Mod., Item 563-II
SB. 1470+00 Lt. - 1483+00 Lt.
NB. 1472+00 Rt. - 1485+00 Rt.

Note: Property Line Fence to Be Erected Prior To Construction
NB 1472+00 - 1485+54 Rt
SB 1470+00 - 1481+33 Lt

Drilling and Blasting of Solid Rock Subgrade - Item 115
NB 1479+75 - 1482+25

SB 1473+50 Lt
New 18" S.E.C.E.R.(060) or C.A.R.C.P.(060)
w/ 1-10 & 1-15° Elbow & 2# Coupling Bands at All Joints

SB 1474+00 Rt - 1474+50 Lt
New 42" x 110 R.C.C.A.P. (CO)
w/ Energy Dissipator Outlet

SB 1474+50 Rt - Lt
New 12" x 22 C.A.R.C.P. (060)
w/ 1-15° Elbow and 2# Coupling Bands at All Joints

SB 1475+50 Rt - Lt
New 18" x 30 R.C.P. C.III

SB 1477+50 Lt
New 18" x 46 R.C.C.A.P. (042) w/ 1-20° & 1-15° Elbow and 2# Coupling Bands at All Joints

SB 1477+71 Rt - Lt
New 18" x 36" R.C.P. C.III

SB 1478+50 Lt - 1478+00 Rt
New 30" x 48 R.C.C.A.P. (OTP) w/ Energy Dissipator Outlet

Rev. SB 1481+32
198' Lt
Orig. SB 1481+33
200' Lt

Rev. SB 1481+37
202' Lt
Orig. SB 1481+37
200' Lt
Rev. SB 1481+50
150' Lt.
Orig. SB 1481+51
150' Lt.

POT 1470+65 Lt.

N60°-14'-10"W

- SOUTHBOUND -

1470 1471 1472 1473 1474 1475 1476 1477 1478 1479 1480 1481 1482 1483

1478+75 Lt.
New 12" x 22 C.A.R.C.P. (060) w/ 1-22½° Elbow and 2# Coupling Bands @ All Joints

Pasture

Light Woods & Pasture

6" Pine 37.0 Lt.

Rev. NB. 1475+00.0
Orig. NB. 1475+00.0

N56°-40'-20"W

- NORTHBOUND -

1473 1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485

Chiseled Square on Rock

Rev. NB. Pt. 1481+39.36
1481+37.75
Orig. Surv. 1480+93.40

Top of Bank Slope

Rev. NB. 1473+82
313' Rt.
Orig. NB. 1473+00
200' Rt.

1473+50 Rt - 1474+00 Lt
New 42" x 110 R.C.C.W. (140)
w/ Energy Dissipator Outlet

Rev. NB. Curve Data
Δ 8°-38'-00" Lt.
D 1°-00'-00"
R 5729.58'
T 482.47'
L 963.33'
E 19.32'
2T-L 1.01'
Bak 7/16" Left

BM 35
U.S. Elev.
933.09

1484+50 Rt - 1485+00 Lt
New 12" x 22 C.A.R.C.P. (060) w/ 1-22½° Elbow and 2# Coupling Bands

1484+50 Rt - Lt
New 30" x 118 R.C.E.R.C.P. (072) w/ Energy Dissipator Outlet

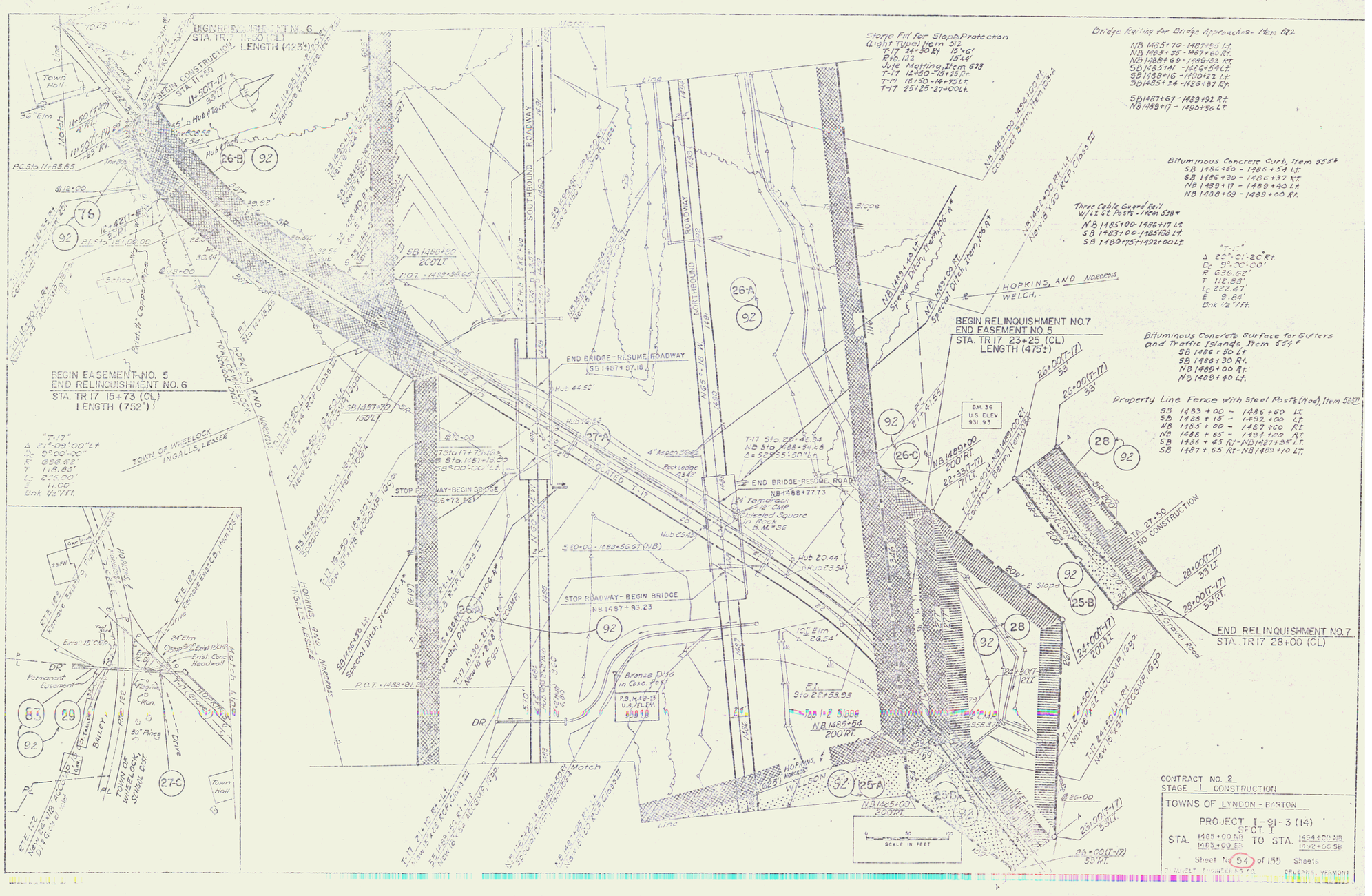
1484+50 Lt - 1485+00 Rt
New 18" x 36" R.C.C.A.P. (042) w/ 1-10° & 1-30° Elbow & 2# Coupling Bands at All Joints

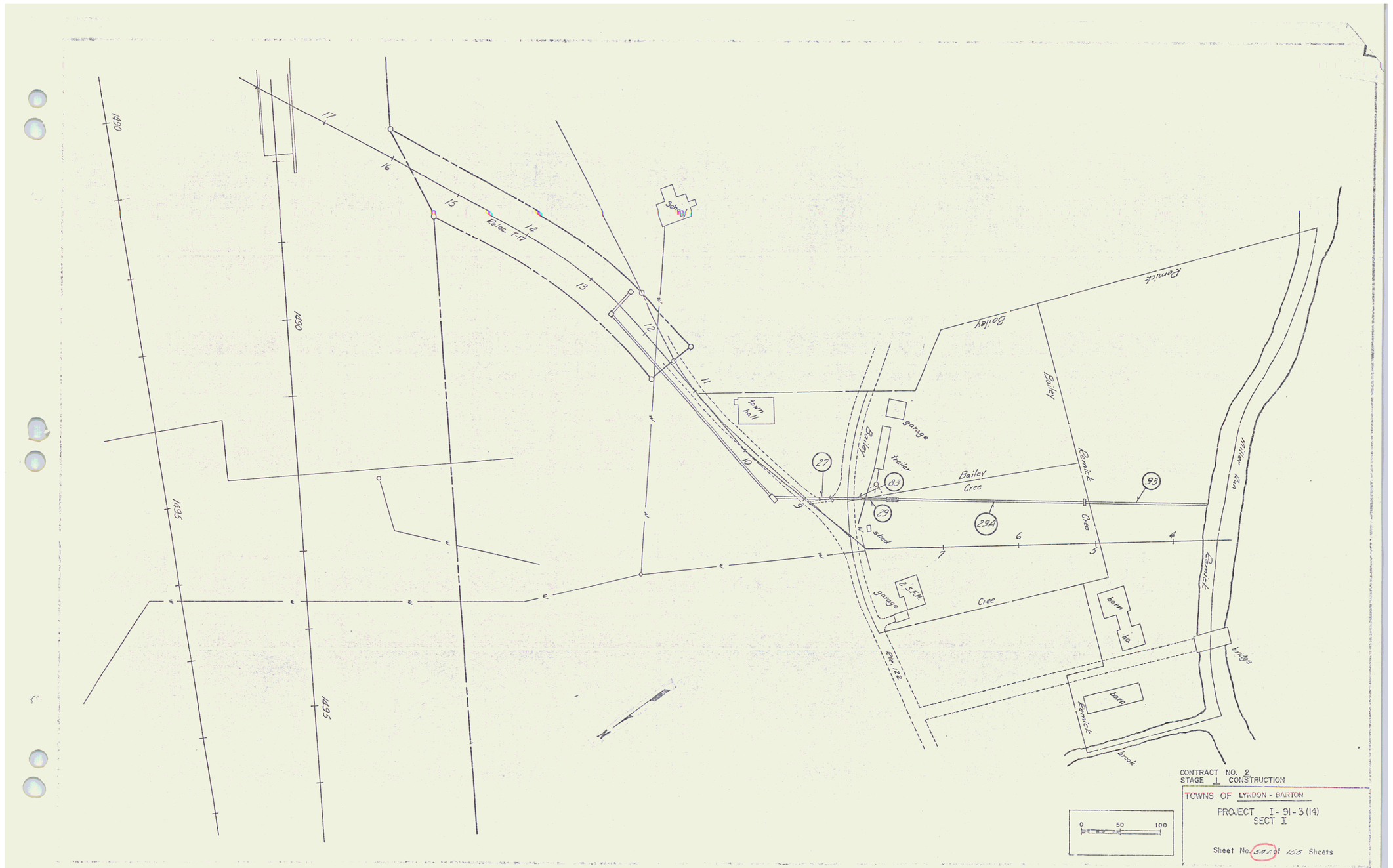
* Indicates Stage II Construction Items

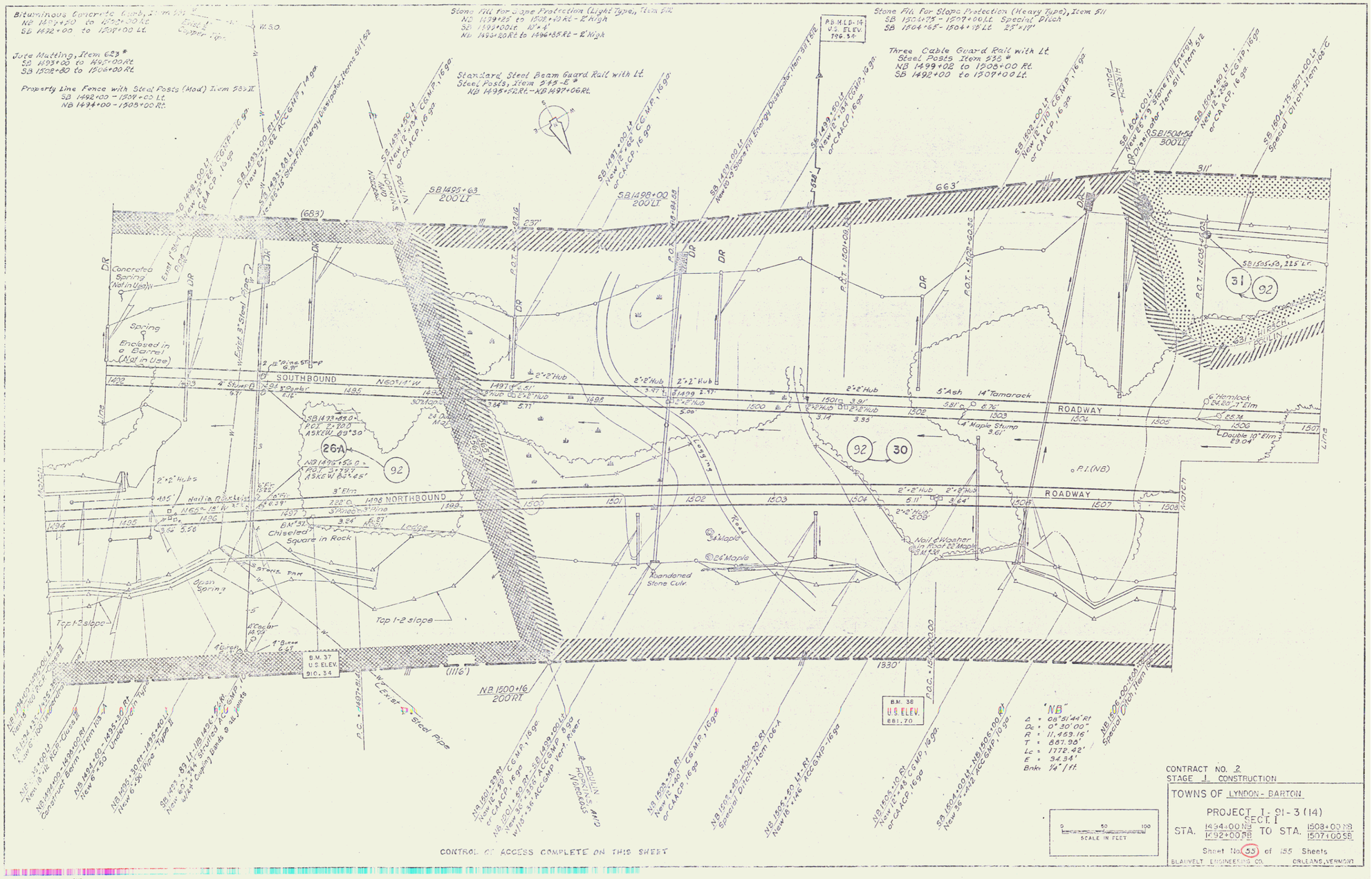
STAGE I CONSTRUCTION
LYNDON BARTON - CONT 2

SURVEYED BY: SMITH DATE: 9-70
DRAWN BY: KRB DATE: 9-70
TRACED BY: KRB DATE: 10-70
STA. 1472+00 TO STA. 1485+00
DIST. 201 NO. 5(14)
SHEET 5 OF 155

37


BEGIN RELINQUISHMENT NO. 6
STA. TR 17 11+50 (CL)
LENGTH (423')
BEGIN EASEMENT NO. 5
END RELINQUISHMENT NO. 6
STA. TR 17 15+73 (CL)
LENGTH (752')
BEGIN RELINQUISHMENT NO. 7
END EASEMENT NO. 5
STA. TR 17 23+25 (CL)
LENGTH (475')
END RELINQUISHMENT NO. 7
STA. TR 17 28+00 (CL)
SOUTHBOUND ROADWAY
NORTHBOUND ROADWAY
END BRIDGE - RESUME ROADWAY
STOP ROADWAY - BEGIN BRIDGE
RELOCATED T. 17
HOPKINS AND NORCROSS
WELCH
TOWN OF WHEELOCK
INGALLS, LESSEE
HOPKINS AND WELCH
HOPKINS AND NORCROSS
Town Hall
School
Stone Fill for Slope Protection
Bridge Railing for Bridge Approaches - Item 612
Bituminous Concrete Curb, Item 535
Three Cable Guard Rail w/Lt. St. Posts - Item 538
Bituminous Concrete Surface for Gutters and Traffic Islands, Item 539
Property Line Fence with Steel Posts (New), Item 580
"T-17"
Δ 20°-01'-20" Rt
Dc 99°-00'-00"
R 636.62'
T 112.33'
Lc 222.47'
E 9.64'
Bnk 12'/Ft.
BM 36
U.S. ELEV 931.93
Bronze Disc in Conc. Post
P.B. M-12-13
U.S. ELEV. 919.18
SCALE IN FEET
CONTRACT NO. 2
STAGE I CONSTRUCTION
TOWNS OF LYNDON - BARTON
PROJECT I-91-3 (14)
SECT. I
STA. 1485+00.NB 1484+00.NB
1463+00.SB TO STA. 1492+00.SB
Sheet No. 54 of 155 Sheets
LOUIS BERGER & ASSOCIATES, INC.
EAST ORANGE, NEW JERSEY
ORLEANS, VERMONT


1490
1495
1490
1495
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
Reloc. T.H.
School
Town hall
garage
trailer
Bailey
Bailey
Bailey



CONTRACT NO. 2
STAGE 1 CONSTRUCTION

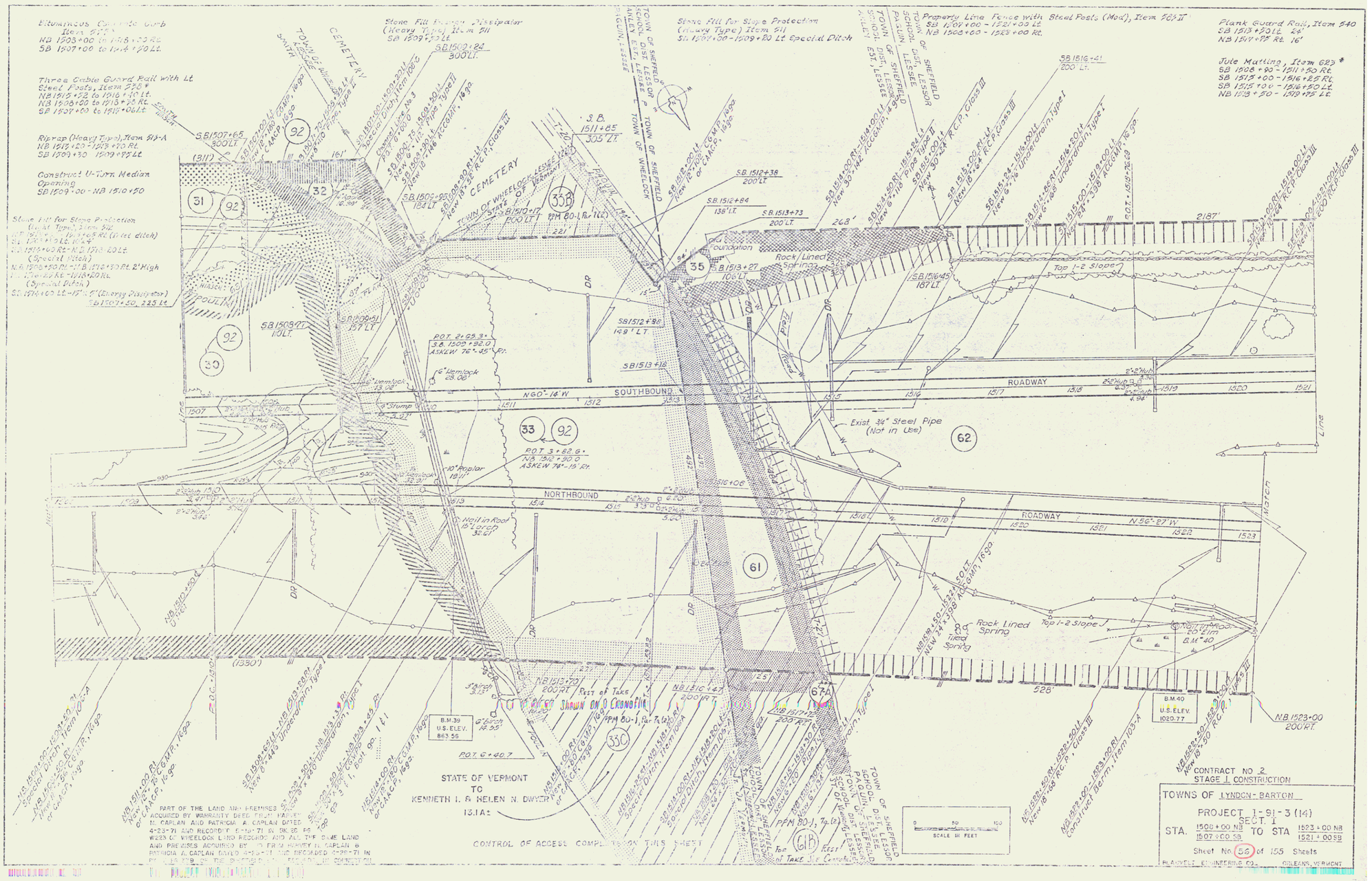
TOWNS OF LYNDON - BARTON

PROJECT I-91-3(14)
SECT. I

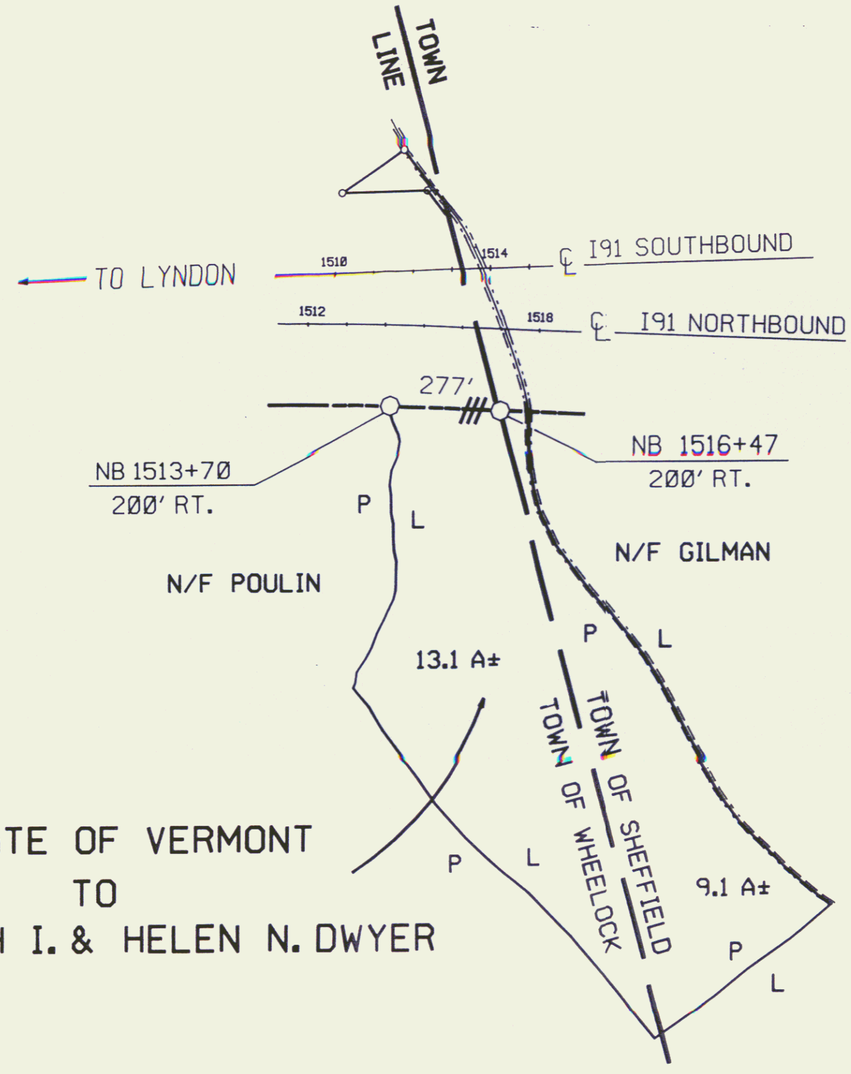
STA. 1434+00 NB / 1492+00 SB TO STA. 1508+00 NB / 1507+00 SB

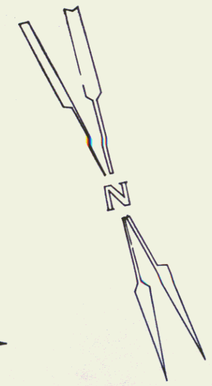
Sheet No. 55 of 155 Sheets

BLAIVELT ENGINEERING CO. ORLEANS, VERMONT


Bituminous Concrete Curb, Item 615 *
NB 1503+00 to 1518+00 Rt.
SB 1507+00 to 1514+20 Lt.
Three Cable Guard Rail with Lt. Steel Posts, Item 728 *
NB 1515+72 to 1516+10 Lt.
NB 1508+00 to 1518+25 Rt.
SB 1507+60 to 1511+06 Lt.
Riprap (Heavy Type), Item 913-A
NB 1512+20 - 1513+70 Rt.
SB 1509+30 - 1509+85 Lt.
Construct U-Turn Median Opening
SB 1509+00 - NB 1510+50
Stone Fill for Slope Protection (Light Type), Item 914
NB 1511+00 - 1512+65 Rt. (Inlet ditch)
SB 1508+10 Lt. to Lt.
SB 1514+60 Rt. - NB 1516+20 Lt. (Special Ditch)
NB 1508+50 Rt. - NB 1512+70 Rt. 2' High
SB 1508+10 Rt. - 1518+20 Lt. (Special Ditch)
SB 1514+60 Lt. - 15" C.P. (Energy Dissipator) SB 1509+50, 225 Lt.
Stone Fill Energy Dissipator (Heavy Type) Item 911
SB 1509+52 Lt.
Stone Fill for Slope Protection (Heavy Type) Item 911
SB 1509+00 - 1509+80 Lt. Special Ditch
Property Line Fence with Steel Posts (Mod), Item 308 II
SB 1507+00 - 1521+00 Lt.
NB 1508+00 - 1523+00 Rt.
Plank Guard Rail, Item 540
SB 1513+30 Lt. 25'
NB 1517+75 Rt. 16'
Jute Matting, Item 623 *
SB 1508+90 - 1511+50 Rt.
SB 1513+00 - 1516+25 Rt.
SB 1515+00 - 1516+50 Lt.
NB 1518+50 - 1519+75 Lt.
TOWN OF WILLIAMSTOWN TO LESSEE SMITH
CEMETERY
TOWN OF SHEFFIELD SCHOOL DIST. LESSEE ALLEN
TOWN OF SHEFFIELD SCHOOL DIST. LESSEE PAQUIN
TOWN OF WHEELOCK SCHOOL DIST. LESSEE ALLEN
TOWN OF WHEELOCK SCHOOL DIST. LESSEE PAQUIN
TOWN OF WHEELOCK TO LESSEE
TOWN OF WHEELOCK
CEMETERY
SOUTHBOUND
NORTHBOUND
ROADWAY
N60°-14'W
N56°-27'W
Exist. 3/4" Steel Pipe (Not in Use)
Rock Lined Spring
Top 1-2 Slope
Tiled Spring
Rock Foundation
Rock Lined Spring
B.M.39 U.S.ELEV. 863.56
B.M.40 U.S.ELEV. 1020.77
STATE OF VERMONT TO KENNETH I. & HELEN N. DWYER 13.1A±
PART OF THE LAND AND PREMISES SHOWN HEREON ACQUIRED BY WARRANTY DEED FROM HARVEY M. CAPLAN AND PATRICIA A. CAPLAN DATED 4-23-71 AND RECORDED 5-19-71 IN BK. 30 PG. 223 OF WHEELOCK LAND RECORDS AND ALL THE SAME LAND AND PREMISES ACQUIRED BY DEED FROM HARVEY M. CAPLAN & PATRICIA A. CAPLAN DATED 4-28-71 AND RECORDED 4-28-71 IN BK. 115 PG. 279 OF THE SHEFFIELD LAND RECORDS IN CONNECTION
CONTROL OF ACCESS COMPLETION THIS SHEET
SCALE IN FEET
CONTRACT NO. 2
STAGE 1 CONSTRUCTION
TOWNS OF LYNDON - BARTON
PROJECT I-91-3(14)
SECT. 1
STA. 1508+00 NB / 1507+00 SB TO STA 1523+00 NB / 1521+00 SB
Sheet No. 56 of 155 Sheets
BLANCHETTE ENGINEERING CO. ORLEANS, VERMONT

41





TO BARTON

PART OF THE LAND AND PREMISES ACQUIRED BY WARRANTY DEED FROM HARVEY M. CAPLAN AND PATRICIA A. CAPLAN DATED 4-23-71 AND RECORDED 5-19-71 IN BOOK 28 PAGE W223 OF WHEELOCK LAND RECORDS AND ALL THE SAME LAND AND PREMISES ACQUIRED BY WARRANTY DEED FROM HARVEY M. CAPLAN & PATRICIA A. CAPLAN DATED 4-23-71 AND RECORDED 4-29-71 IN BOOK 27 PAGE 379 OF THE SHEFFIELD LAND RECORDS, IN CONNECTION WITH PROJECT LYNDON-BARTON I 91-3(14).

RF: LYNDON-BARTON I 91-3(14)
PAGE 56 OF 155

56A

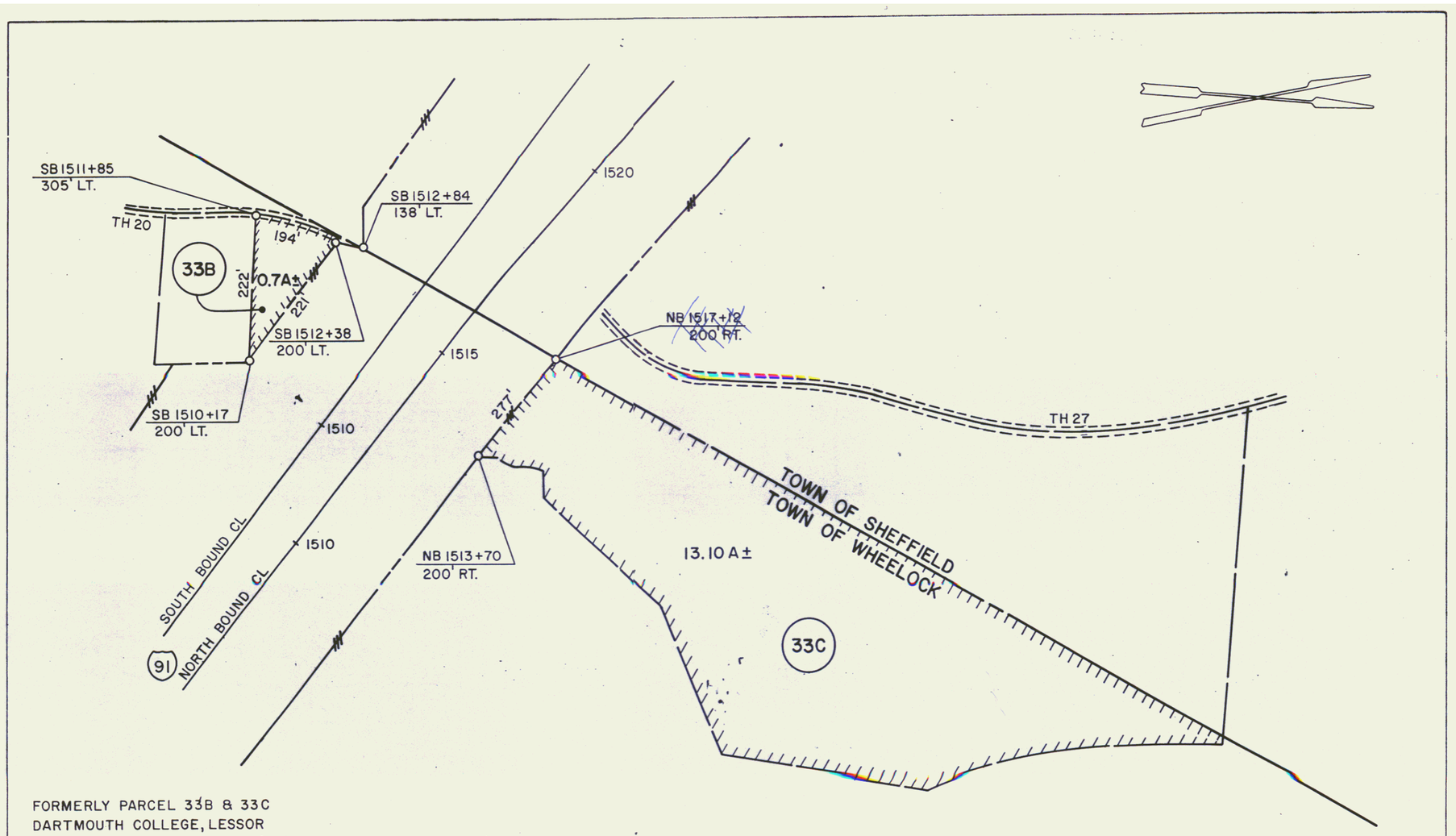
STATE OF VERMONT
AGENCY OF TRANSPORTATION

TOWNS OF WHEELOCK & SHEFFIELD

APPROX. SCALE 1"=300'	DATE 10-6-86	DRAWN BY M.J.R.

42

201



FORMERLY PARCEL 33B & 33C
DARTMOUTH COLLEGE, LESSOR
HARVEY M. & PATRICIA A. CAPLAN, LESSEE
ACQUIRED BY W.D. DATED APRIL 23, 1971 REC. MAY 19, 1971
RECORDED IN BOOK 28, PAGE 223
TOWN OF WHEELOCK LAND RECORDS

SCALE: 1 "= 200'

0 200 400 600 800 1000

STATE OF VERMONT
AGENCY OF TRANSPORTATION

56B

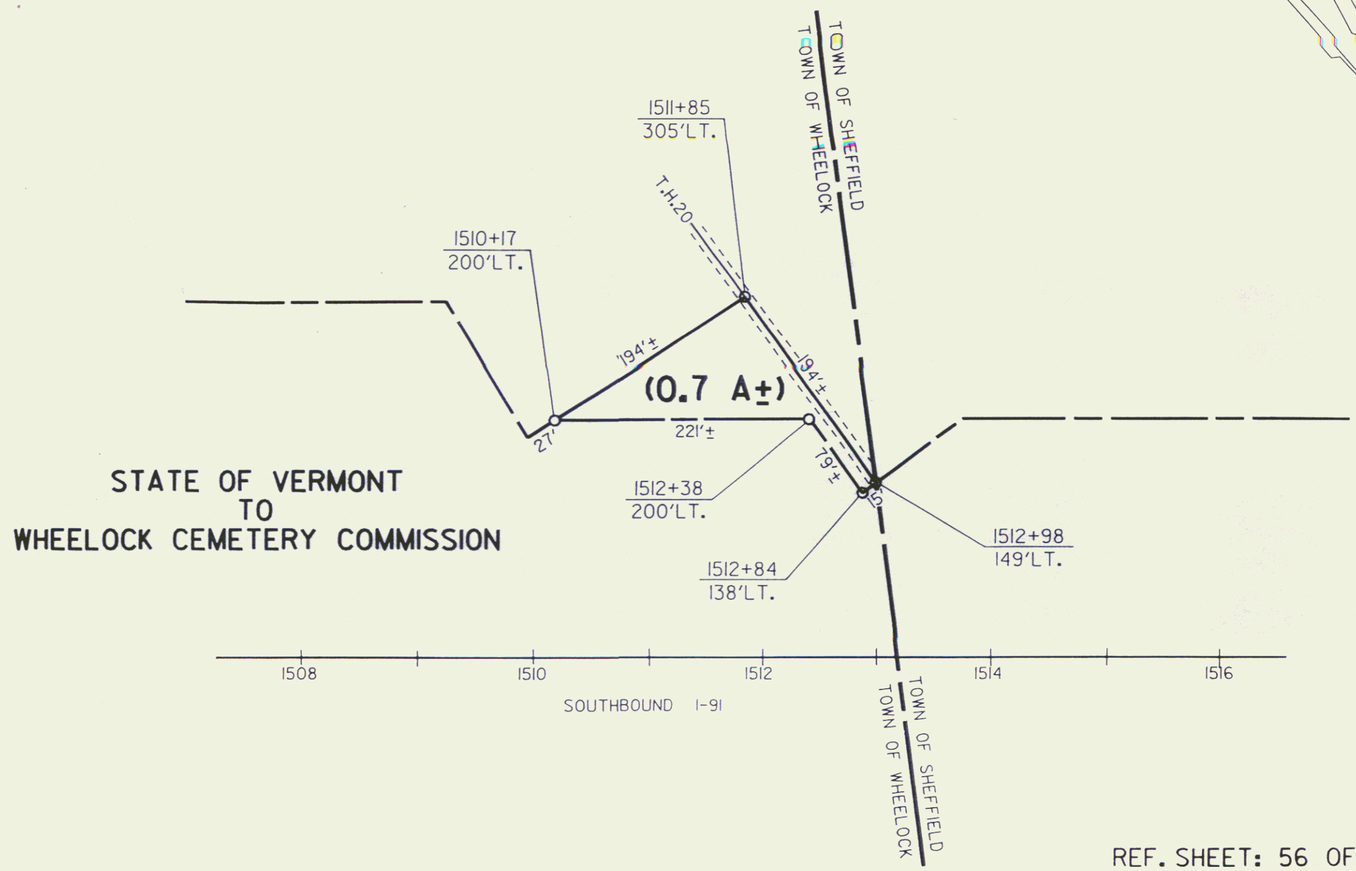
TOWN OF WHEELOCK

PROJECT LYNDON - BARTON I 91-3 (14)

APPROX SCALE 1"= 200'	DATE 8/20/81	DRAWN BY J.D.P.

43

FORMERLY PARCEL 33B
HARVEY M. & PATRICIA A. CAPLAN
ACQUIRED BY W.D. DATED APRIL 23,1971
REC. MAY 19, 1971, IN BOOK 28, PAGE W223
TOWN OF WHEELOCK LAND RECORDS



SCALE 1"=100'
0 100 200 300 400 500

REF. SHEET: 56 OF 155

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TOWN OF WHEELOCK (54C)

PROJECT: LYNDON-BARTON I-91-3(14)

APPROX. SCALE 1"=100'	DATE: 4-1-86	DRAWN BY D.E.M.

44

Stone Fill for Slope Protection (Light Type) Item 512
SB 1529+37 Lt.

Property Line with Steel Posts (Mod) Item 583 II
SB 1521+00 – 1536+00 Lt.
NB 1523+00 – 1537+00 Rt.

Three Cable Guard Rail w/ Lt. St. Posts, Item 538
SB 1531+52 – 1536+00 Lt.

(2187')

Top 1-2 slope

Top 1-2 slope

10" Pine

SOUTHBOUND ROADWAY

NORTHBOUND ROADWAY

Boulder

6" Maple 51.22

Drive 41.33

P.B.M. LB-15
U.S. ELEV.
1025.53

Bronze Disc in Conc. Post

62

Chiseled Square in Boulder B.M. 41

B.M. 41
U.S. ELEV.
1029.51

Rock Ledge

Rock Ledge

Pine Stump

5" Spruce 18.15'

7" Spruce 12.13'

Hemlock

Hemlock 3.33'

8" Spruce 17.80'

Top 1-2 slope

Top 1-2 slope

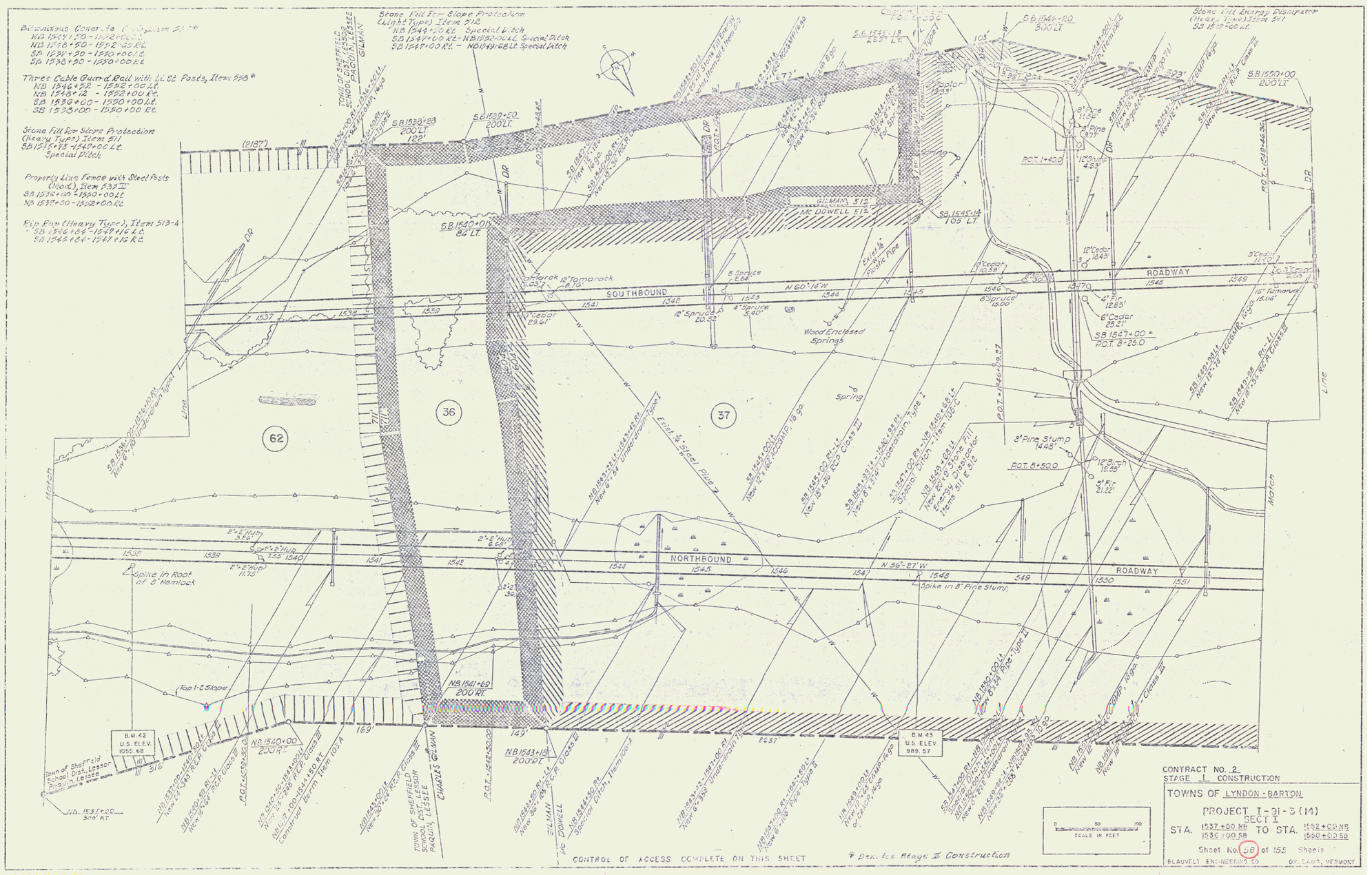
1000'

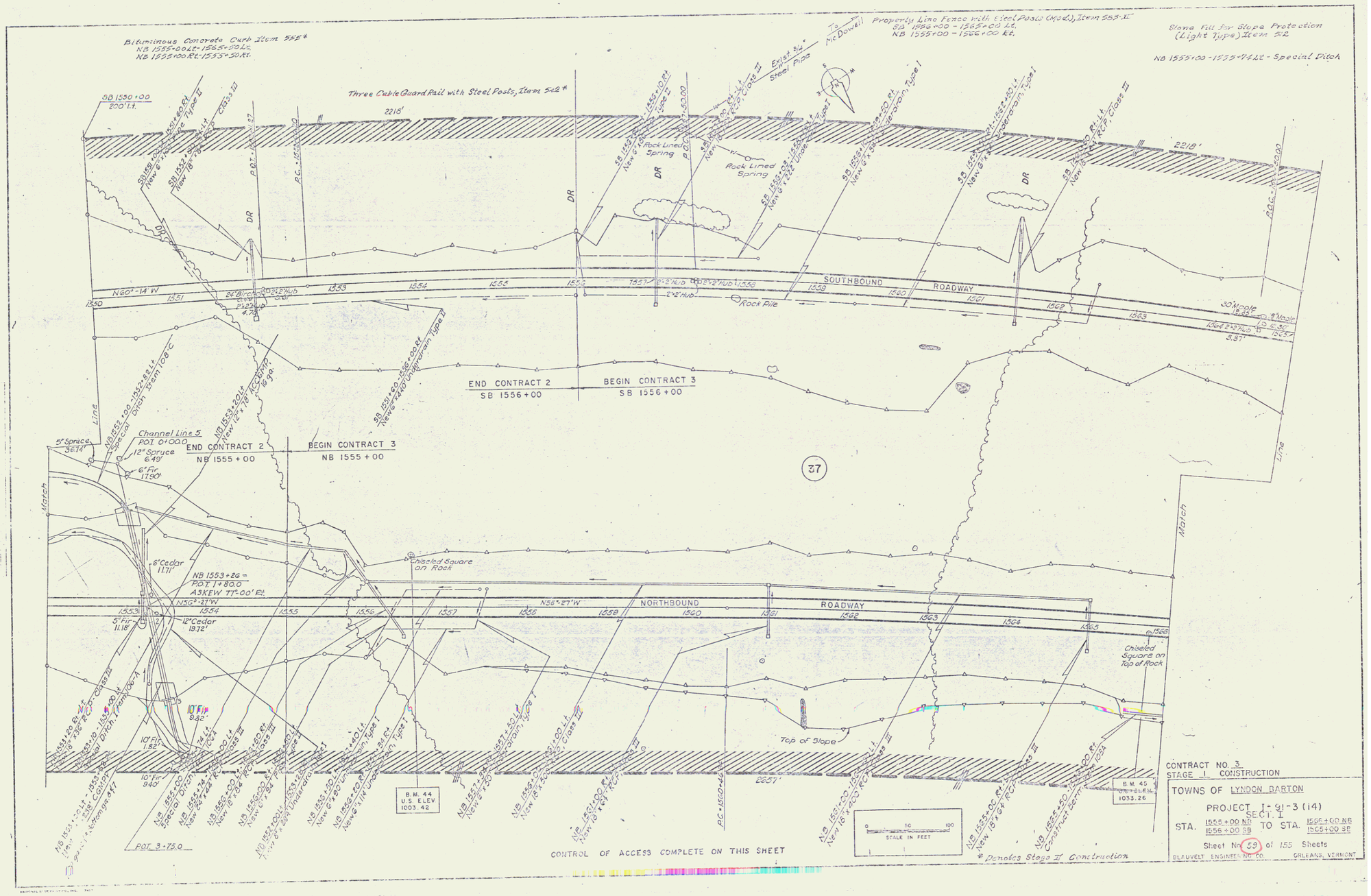
CONTROL OF ACCESS COMPLETE ON THIS SHEET

SCALE IN FEET 0 50 100

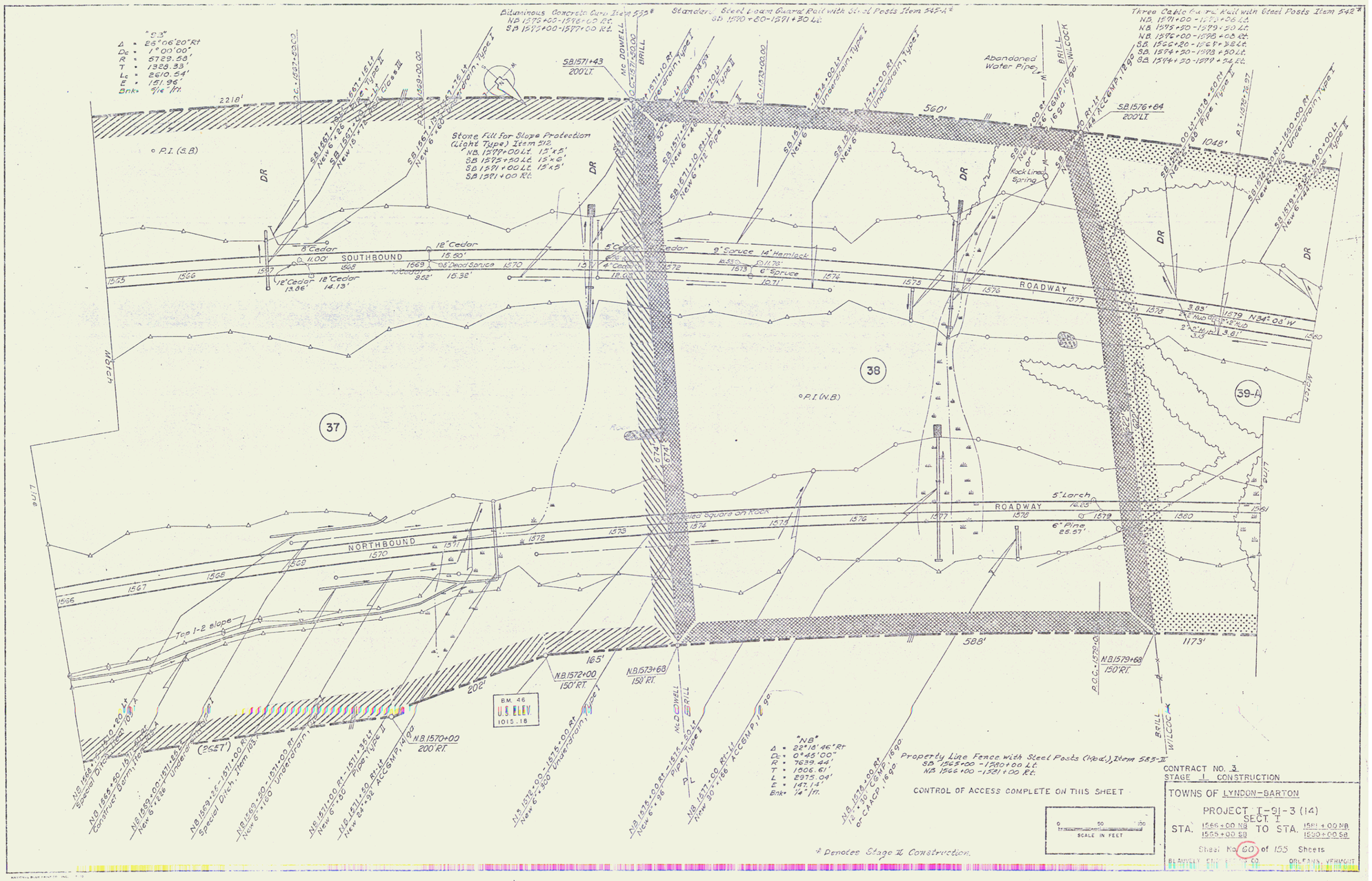
CONTRACT NO. 2
STAGE 1 CONSTRUCTION
TOWNS OF LYNDON - BARTON
PROJECT I-91-3 (14)
SECT. 1
STA. 1523+00 NB / 1521+00 SB TO STA. 1537+00 NB / 1536+00 SB
SHEET NO. 37 OF 105 SHEETS
BLAUVELT ENGINEERING CO. ORLEANS, VERMONT

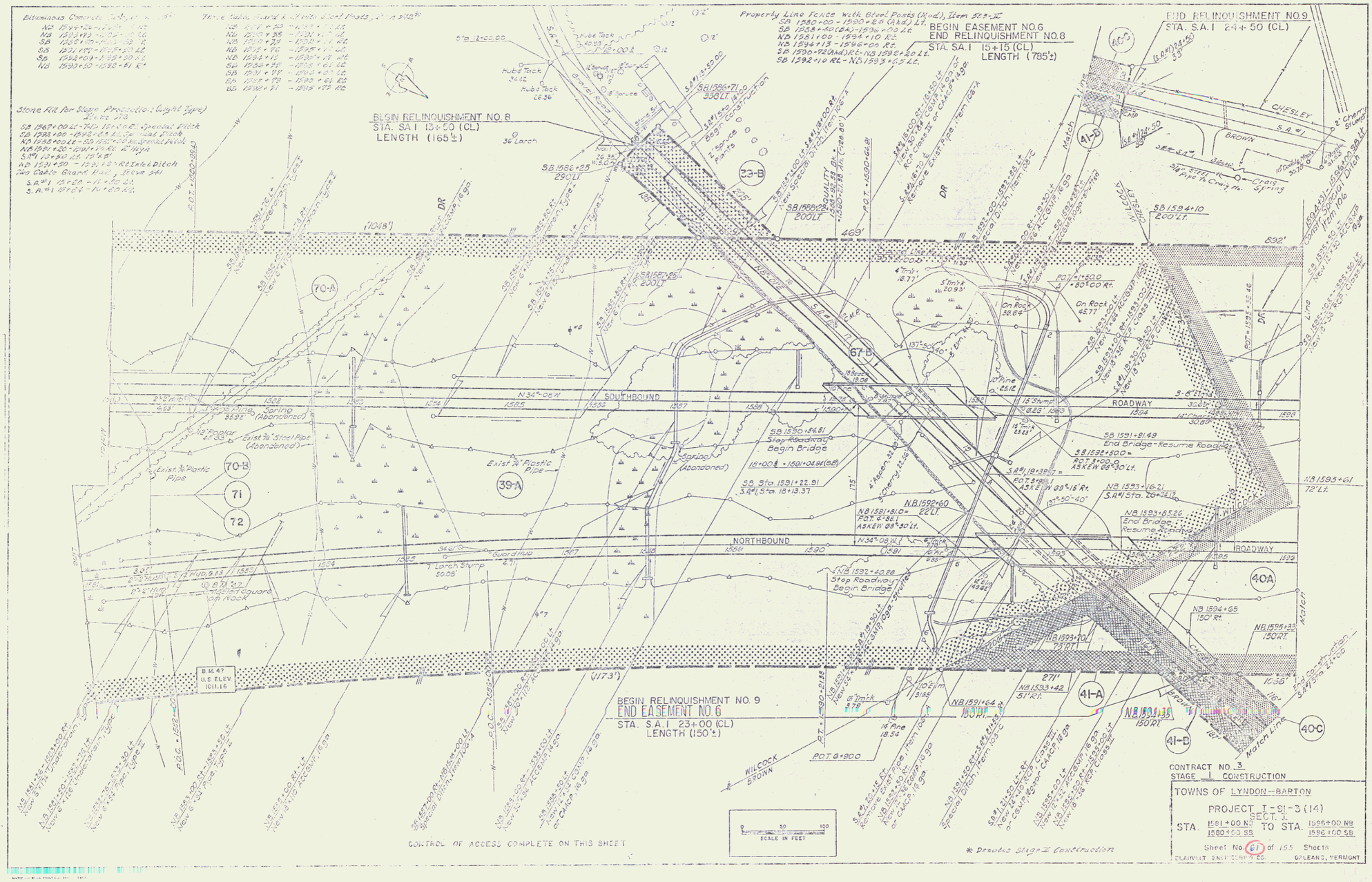
45


Bituminous Concrete Curb, Item 542 *
NB 1544+50 - 1542+00 Lt.
NB 1548+50 - 1552+00 Rt.
SB 1538+30 - 1530+00 Lt.
SB 1536+30 - 1530+00 Rt.
Three Cable Guard Rail with Lt. St. Posts, Item 613 *
NB 1546+52 - 1552+00 Lt.
NB 1548+12 - 1552+00 Rt.
SB 1538+00 - 1550+00 Rt.
SB 1535+00 - 1550+00 Rt.
Stone Fill for Slope Protection (Heavy Type) Item 511
SB 1535+88 - 1547+00 Lt.
Special Ditch
Property Line Fence with Steel Posts (Wood), Item 633 II
SB 1536+00 - 1550+00 Lt.
NB 1538+00 - 1552+00 Rt.
Rip Rap (Heavy Type), Item 613-A
SB 1546+84 - 1547+16 Lt.
SB 1546+84 - 1547+16 Rt.
Stone Fill for Slope Protection (Light Type) Item 512
NB 1544+50 Lt. Special Ditch
SB 1547+00 Rt. - NB 1538+00 Lt. Special Ditch
SB 1548+00 Rt. - NB 1541+68 Lt. Special Ditch
Stone Fill Energy Dissipator (Heavy Type) Item 511
SB 1549+00 Lt.
TOWN OF SHEFFIELD SCHOOL DIST. LESSOR PAQUIN, LESSEE
CHARLES GILMAN
SB 1539+50 200 LT.
SB 1540+01 82 LT.
SB 1545+14 105 LT.
SB 1546+20 300 LT.
SB 1550+00 200 LT.
GILMAN 5:1
MC DOWELL 5:1
Exist. 18" Plastic Pipe
Wood Enclosed Springs
Spring
SOUTHBOUND
NORTHBOUND
ROADWAY
N 60°-14' W
N 56°-27' W
POT 1+400
POT 3+25.0
POT 5+50.0
8" Pine Stump 14.48'
Spike in Root of 8" Hemlock
Spike in 8" Pine Stump
Top 1:2 Slope
B.M. 42 U.S. ELEV. 1055.68
B.M. 43 U.S. ELEV. 989.57
NB 1537+00 300' AT
NB 1540+00 200' RT.
NB 1541+69 200' RT.
NB 1543+15 200' RT.
(2187')
36
37
62
Match Line
CONTROL OF ACCESS COMPLETE ON THIS SHEET
* Denotes Stage II Construction
SCALE IN FEET
CONTRACT NO. 2
STAGE I CONSTRUCTION
TOWNS OF LYNDON - BARTON
PROJECT I-91-3(14)
SECT I
STA. 1537+00 NB 1530+00 SB TO STA. 1552+00 NB 1550+00 SB
Sheet No. 28 of 155 Sheets
BLAUVELT ENGINEERING CO. ORLEANS, VERMONT


Bituminous Concrete Curb Item 555*
NB 1555+00 Lt - 1565+50 Lt.
NB 1553+00 Rt - 1558+30 Rt.
Three Cable Guard Rail with Steel Posts, Item 542*
2218'
Property Line Fence with Steel Posts (Mod.), Item 553-II
SB 1558+00 - 1555+00 Lt.
NB 1555+00 - 1556+00 Rt.
Stone Fill for Slope Protection (Light Type) Item 542
NB 1553+00 - 1535+94 Lt - Special Ditch
To McDowell
Exist 5/8" Steel Pipe
Rock Lined Spring
Rock Pile
SOUTHBOUND ROADWAY
NORTHBOUND ROADWAY
END CONTRACT 2
SB 1556+00
BEGIN CONTRACT 3
SB 1556+00
END CONTRACT 2
NB 1555+00
BEGIN CONTRACT 3
NB 1555+00
Channel Line 5
POT 0+00.0
5" Spruce 36'Lt
12" Spruce 6.49'
6" Fir 17.90'
6" Cedar 11.71'
NB 1553+26 = POT 1+80.0 ASKEW 77°-00' Ft
5" Fir 11.18'
12" Cedar 19.72'
10" Fir 9.82'
10" Fir 1.82'
10" Fir 9.40'
Chiseled Square on Rock
Chiseled Square on Top of Rock
Top of Slope
B.M. 44 U.S. ELEV. 1003.42
B.M. 45 U.S. ELEV. 1033.26
POT 3+75.0
PC = 1560+41.
2657'
0 50 100 SCALE IN FEET
CONTROL OF ACCESS COMPLETE ON THIS SHEET
* Denotes Stage II Construction
Match Line
Match Line
37
CONTRACT NO. 3
STAGE I CONSTRUCTION
TOWNS OF LYNDON BARTON
PROJECT I-91-3(14)
SECT. 1
STA. 1555+00 NB 1556+00 SB TO STA. 1556+00 NB 1505+00 SB
Sheet No. 59 of 155 Sheets
BLAUVELT ENGINEERING CO. ORLEANS, VERMONT

47


"E.3"
Δ = 25°06'20" Rt
Dc = 1°00'00"
R = 5729.58'
T = 1328.33'
Lc = 2610.54'
E = 151.95'
Bnk. = 5/16"/ft.
Bituminous Concrete Curb Item 535*
NB 1575+00-1576+00 Rt.
SB 1575+00-1577+00 Rt.
Standard Steel I-beam Guard Rail with Steel Posts Item 545A*
SB 1570+60-1571+30 Lt.
Three Cable G.R. w/ Rail with Steel Posts Item 542*
NB 1571+00 - 1575+00 Lt.
NB 1575+50 - 1579+50 Lt.
NB 1576+00 - 1578+00 Rt.
SB 1576+20 - 1576+38 Lt.
SB 1576+30 - 1578+50 Lt.
SB 1576+50 - 1579+54 Lt.
SB 1571+43 200' Lt.
Mc DOWELL
BAILL
SB 1576+84 200' Lt.
BAILL
WILCOCK
Abandoned Water Pipe
Stone Fill for Slope Protection (Light Type) Item 512
NB 1577+00 Lt. 15'x5'
SB 1575+50 Lt. 15'x6'
SB 1571+00 Lt. 15'x5'
SB 1571+00 Rt.
P.I. (S.B)
DR
SOUTHBOUND
ROADWAY
NORTHBOUND
Rock Lined Spring
2218'
560'
1048'
588'
1173'
8" Cedar
12" Cedar
15.80'
16" Cedar 13.86'
12" Cedar 14.13'
8" Dead Spruce 15.38'
9.52'
9" Spruce 14" Hemlock
10.53'
10.76'
6" Spruce 10.71'
5" Cedar
5" Larch 16.23'
6" Pine 25.57'
Blazed Square on Rock
3.89'
3.61'
N34°-08' W
Top 1-2 slope
(2SET')
BM. 46
U.S. ELEV.
1015.18
37
38
39-A
P.I (N.B)
"N.B"
Δ = 22°18'46" Rt
Dc = 0°45'00"
R = 7639.44'
T = 1506.61'
L = 2975.04'
E = 147.14'
Bnk = 1/4"/ft.
Property Line Fence with Steel Posts (New), Item 583-II
SB 1565+00 - 1580+00 Lt.
NB 1566+00 - 1581+00 Rt.
CONTROL OF ACCESS COMPLETE ON THIS SHEET
SCALE IN FEET
0 50 100
* Denotes Stage II Construction.
CONTRACT NO. 3
STAGE I CONSTRUCTION
TOWNS OF LYNDON-BARTON
PROJECT I-91-3 (14)
SECT. I
STA. 1566+00 NB 1565+00 SB TO STA. 1581+00 NB 1580+00 SB
Sheet No. 60 of 155 Sheets
BLAUVELT ENGINEERING CO.
ORLEANS, VERMONT


BEGIN RELINQUISHMENT NO. 8
STA. SA I 13+50 (CL)
LENGTH (165'±)
BEGIN EASEMENT NO.6
END RELINQUISHMENT NO.8
STA. SA I 15+15 (CL)
LENGTH (785'±)
END RELINQUISHMENT NO.9
STA. S.A.I 24+50 (CL)
BEGIN RELINQUISHMENT NO. 9
END EASEMENT NO. 6
STA. S.A.I 23+00 (CL)
LENGTH (150'±)
SOUTHBOUND
NORTHBOUND
ROADWAY
CHESLEY
BROWN
WILCOCK
Step-Roadway Begin Bridge
End Bridge - Resume Roadway
Stop Roadway Begin Bridge
CONTROL OF ACCESS COMPLETE ON THIS SHEET
* Denotes Stage II Construction
CONTRACT NO. 3
STAGE 1 CONSTRUCTION
TOWNS OF LYNDON--BARTON
PROJECT I-91-3(14)
SECT. 1
STA. 1561+00 NB 1580+60 SB TO STA. 1595+00 NB 1596+60 SB
Sheet No. 61 of 155 Sheets
CLAIRVELT ENGINEERING CO. ORLEANS, VERMONT

Bituminous Concrete Curb
Item 609 A

NB 1603 + 50 – 1607 + 98 Rt.
SB 1602 + 50 – 1604 + 62 Lt.
SB 1603 + 00 – 1610 + 20 Rt.

Three Cable Guard Rail with Steel Posts, Item 542 *
SB 1596 + 00 to 1596 + 17 Lt.
SB 1602 + 50 to 1610 + 66 Lt.
SB 1603 + 00 to 1610 + 20 Rt.
NB 1603 + 44 to 1610 + 00 Lt.
NB 1603 + 50 to 1607 + 98 Rt.

Construct U-Turn Median Opening
SB 1606 + 50 Lt. – NB 1602 + 50 Lt.

Stone Fill Energy Dissipator (Heavy Type), Item 511
SB 1604 + 63 Lt.

Property Line Fence with Steel Posts (Mod.), Item 583-11
SB 1596 + 00 – 1611 + 00 Lt.
NB 1596 + 00 – 1611 + 00 Rt.

Channel Line No. 2
P.O.T. 0 + 00.0

P.O.T. = 1601 + 22.03

P.C. = 1604 + 24.53

SB 1596 + 00 – 1597 + 75 Lt.
Special Ditch, Item 166

B.M. 49
U.S. ELEV.
989.00

(892')

1147'

DUBE
CRAIG

69

SB 1603 + 00
200 Lt.

SB 1605 + 63.0 =
P.O.T. 2 + 20.0
ASKEW 30° 30' Rt.

NB 1607 + 08.0 =
P.O.T. 4 + 47.5
ASKEW 30° 00' Rt.

42

40-A

SOUTHBOUND ROADWAY
NORTHBOUND ROADWAY

N 34° - 08' W

© B.M. #49
Chiseled Square
on Rock

10" Hemlock
18.09'
4" Poplar
38.66'

6" Spruce
22.38'
8" Cedar
21.71
10" Stump
10.83'
12" Poplar
14.76'
12" Cedar
11.41'
8" Cedar
6" Cedar
8" Pine
8.57'
B.M. #50
Spike in Root
12" Cedar

B.M. 50
U.S. ELEV.
961.80

NB 1605 + 99
150 Rt.

P.C. = 1605 + 06.91

P.C. = 1609 + 00.00

Top 1-2 Slope

Match Line

Stone Fill for Slope Protection (Light Type) (1066')
Item 512
NB 1606 + 15 Lt. – SB 1606 + 25 Rt. Special Pitch
NB 1607 + 80 Rt. – NB 1610 + 00 Rt. – 2' High
NB 1607 + 69 Rt. – NB 1607 + 90 Rt. Special Pitch
SB 1604 + 30 Lt. – SB 1604 + 62 Lt. Special Pitch
Riprap (Heavy Type) – Item 613A
NB 1607 + 30 Rt. to NB 1607 + 80 Rt.
NB 1606 + 30 Lt. to NB 1606 + 75 Lt.
SB 1604 + 70 Lt. to SB 1605 + 17 Lt.
SB 1605 + 90 Rt. to SB 1606 + 45 Rt.

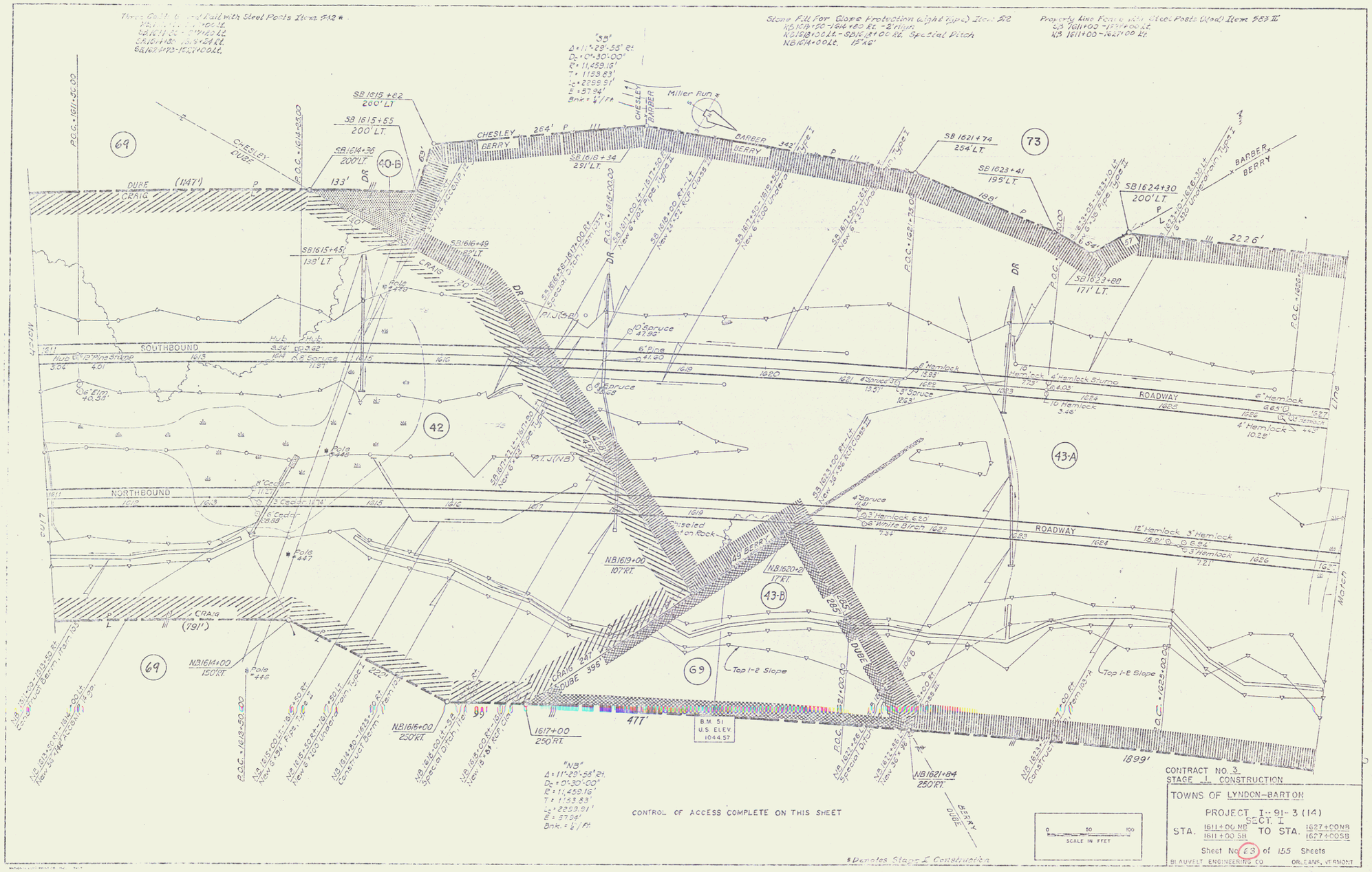
Stone Fill for Slope Protection (Heavy Type)
Item 511
SB 1606 + 25 Rt. – NB 1606 + 50 Lt. Special Pitch

CONTROL OF ACCESS COMPLETE ON THIS SHEET

0 50 100
SCALE IN FEET

CONTRACT NO. 3
STAGE 1 CONSTRUCTION
TOWNS OF LYNDON–BARTON
PROJECT I-91-3(14)
SECT. 1
STA. 1596 + 00 NB / 1596 + 00 SB TO STA. 1611 + 00 NB / 1611 + 00 SB
Sheet No. 52 of 155 Sheets
FLANNERY ENGINEERING CO. ORLEANS, VERMONT

50



CONTRACT NO. 3
STAGE I CONSTRUCTION

TOWNS OF LYNDON-BARTON

PROJECT I-91-3(14)
SECT. I

STA. 1611+00 NB / 1611+00 SB TO STA. 1627+00 NB / 1627+00 SB

Sheet No. 63 of 155 Sheets

BEAUVELT ENGINEERING CO. ORLEANS, VERMONT

51

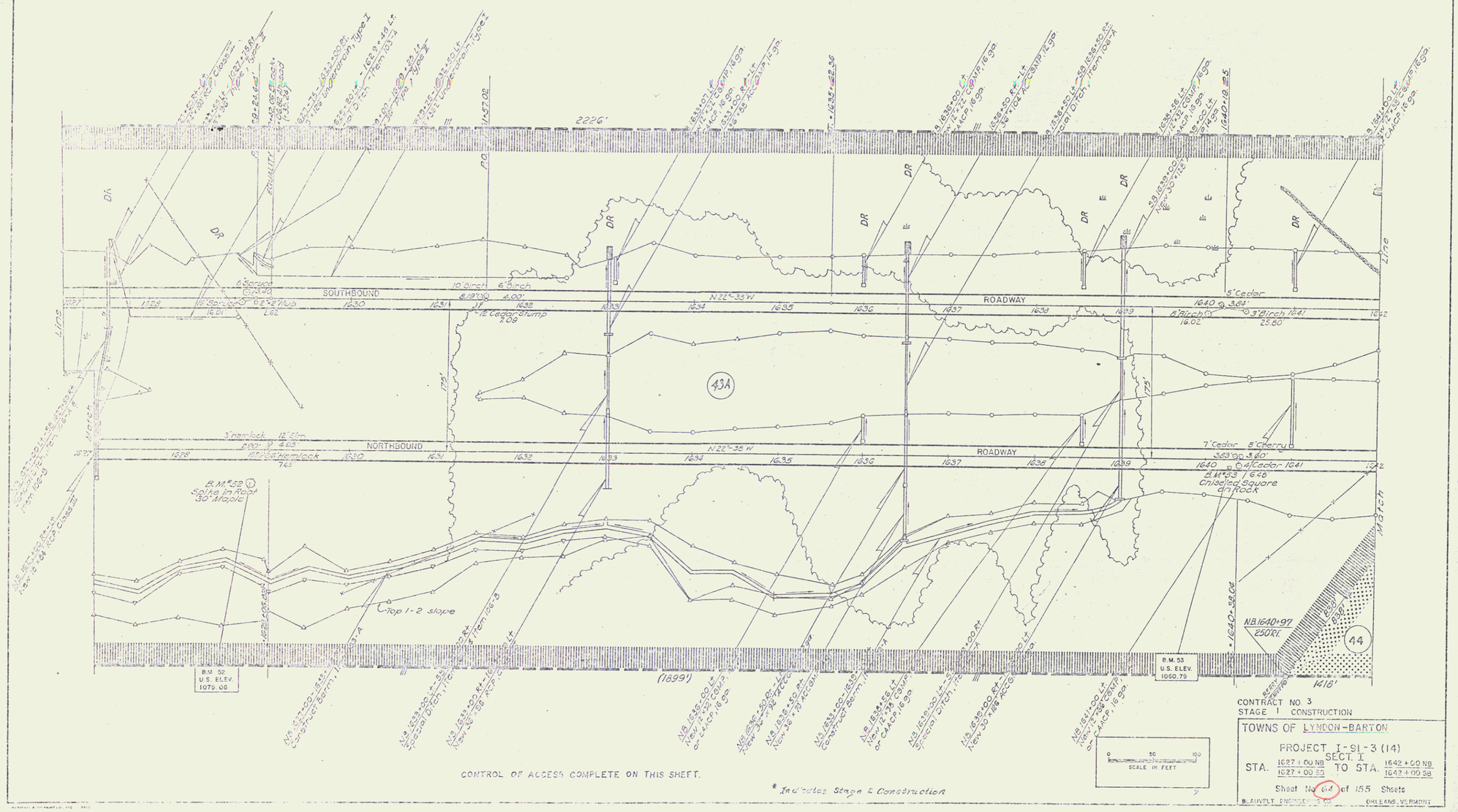
Bituminous Concrete Curb
Item 609 *
SB 1633+00 - 1642+00 Lt.
NB 1627+00 - 1642+00 Lt.

Three Cable Guard Rail with
Steel Posts, Item 618 *
SB 1627+00 - 1629+00 Lt.
SB 1632+50 - 1642+00 Lt.
SB 1640+00 - 1642+00 Rt.
NB 1637+25 - 1642+00 Lt.

Stone Fill for Slope Protection
(Light Type) Item 618
NB 1627+00 Lt. - SB 1626+50 Rt. - Special Pitch
NB 1633+00 Lt. - SB 1639+00 Rt. - Special Pitch
SB 1633+00 Lt. 15' x 6'
SB 1636+50 Lt. 15' x 6'
SB 1639+00 Lt. 15' x 5'

Standard Steel Beam Guard Rail
with Steel Posts, Item 643 - A *
SB 1628+92 - 1629+42 Dk. Lt.

Property Line Fence with Steel Posts (Mod.), Item 633-II
SB 1627+00 - 1642+00 Lt.
NB 1627+00 - 1642+00 Rt.



CONTROL OF ACCESS COMPLETE ON THIS SHEET.

* Indicates Stage 1 Construction

CONTRACT NO. 3
STAGE 1 CONSTRUCTION

TOWNS OF LYNDON-BARTON

PROJECT I-91-3(14) SECT. 1

STA. 1627+00 NB / 1627+00 SB TO STA. 1642+60 NB / 1642+00 SB

Sheet No. 64 of 155 Sheets

BEAUVELT ENGINEERING CO. ORLEANS, VERMONT

52

Bituminous Surface Treatment, Item 611*
SB 1642+00 - 1656+00 Lt.
NB 1642+00 - 1653+00 Lt.

Three Cable Guard Rail with Steel Posts, Item 642*
SB 1642+00 - 1650+00 Lt.
SB 1648+00 - 1653+00 Rt.
NB 1642+00 - 1673+00 Lt.
NB 1647+50 - 1673+00 Rt.

Jute Matting, Item 683*
SB 1645+00 - 1649+00 Lt.
SB 1650+00 - 1654+00 Rt.
SB 1657+00 - 1659+00 Rt.

Stone Fill for Slope Protection (Heavy Type) Item 611
SB 1653+79 Lt. - 1653+82 Lt., Outlet Ditch

Riprap (Heavy Type) Item 613A
NB 1636+45 - 1636+98 Rt.
SB 1653+79 - 1654+27 Lt.

Stone Fill for Slope Protection (Light Type) Item 612
NB 1645+00 Lt. SB 1645+00 Rt. Special Area
NB 1654+30 - 1656+45 Rt. 2' High
SB 1624+00 Lt. 15' x 4'
NB 1656+60 - 1657+00 Rt.

Stone Fill Energy Dissipater (Heavy Type) Item 611
SB 1653+95 Lt.

"SB"
Δ = 12°15'24" Lt
Dc = 0°30'00"
R = 11,459.16'
T = 1230.38'
Lc = 2451.36'
E = 65.86'
Bnk = 1/4"/ft

Property Line Fence with Steel Posts (Med.), Item 643*
SB 1642+00 - 1648+00 Lt.
NB 1642+00 - 1648+00 Rt.

Plank Guard Rail, Item 640
SB 1655+30 Lt. 16'

Channel Line No. 3
P.O.T. 0+00.0

SB 1653+70
235' LT.
SB 1654+00
250' LT.

SB 1652+97
200' LT.

458'

P.O.T. 3+50.0 =
SB 1654+00.0
ASKEW 63° 30' Rt.

661'

(2226)

Wood Enclosed Rock Lined Spring

Stone Filled Spring

Exist ¾" Plastic Pipe

Barn

House

Gar.

Silo

BERRY

CHIPPED

CWF&PD

RANDALL

ROADWAY

SOUTHBOUND

NORTHBOUND

12" Poplar 30.69

10" Poplar 31.74

12" Elm 44.55

8" Cherry 42 R 61E

10" Elm 56.79

10" Cherry 40.33

Chiseled Square on Rock 15.0 Cut

Chiseled Square on Rock 22.40

Chiseled Square on Rock 13.30

B.M. #54 Chiseled Square on Rock

B.M. #55 Chiseled Square on Rock 23.35

B.M. 54 U.S. ELEV. 1075.06

B.M. 55 U.S. ELEV. 1108.55

P.I. 'K' (S.B)

P.I. 'N' (NB)

Boulder

Tile Lined Spring

"Stone Wall Remains

43A

44

45

67-C

"NB"
Δ = 11°49'16"
T = 1230.38'
Lc = 2451.36'
E = 65.86'
Bnk = 1/4"/ft

1655+47.4 =
1655+92.0
ASKEW 63° 45' Rt.

SB 1655+85 - 1655+95 Rt. Special Ditch, Item 706A

NB 1657+75 - 1658+00 Rt. Special Ditch, Item 706A

NB 1656+00 Lt. New 12"x14" CSMP, 16 ga or CAACP, 16 ga

SB 1653+50 Lt. New 12"x18" CSMP, 16 ga or CAACP, 16 ga

SB 1654+50 Lt. New 12"x38" CSMP, 16 ga or CAACP, 16 ga

SB 1655+00 Lt. New 12"x38" CSMP, 16 ga or CAACP, 16 ga

SB 1656+00 Lt. New 12"x38" CSMP, 16 ga or CAACP, 16 ga

NB 1651+00 Lt. New 12"x38" CSMP, 16 ga or CAACP, 16 ga

NB 1650+00 Rt. New 12"x132" ACCSMP, 16 ga

SB 1649+00 Lt. New 12"x78" CSMP, 16 ga or CAACP, 16 ga

SB 1645+00 Rt. New 12"x140" ACCSMP, 16 ga

NB 1645+00 Lt. Special Ditch, Item 706A

NB 1645+00 Rt. Special Ditch, Item 706A

NB 1645+00 Rt. New 12"x78" CSMP, 16 ga or CAACP, 16 ga

NB 1646+00 Rt. Special Ditch, Item 706A

NB 1648+50 Lt. New 12"x78" CSMP, 16 ga or CAACP, 16 ga

NB 1655+50 Lt. New 12"x54" CSMP, 16 ga or CAACP, 16 ga

NB 1656+00 Lt. New 12"x54" CSMP, 16 ga or CAACP, 16 ga

P.O.C. = 1642+00.00

P.O.C. = 1646+00.00

P.O.C. = 1648+50.00

P.O.C. = 1652+63.67

P.O.C. = 1657+00.00

CONTROL OF ACCESS COMPLETE ON THIS SHEET

*Denotes Stage II Construction

SCALE IN FEET 0 50 100

CONTRACT NO. 3
STAGE I CONSTRUCTION
TOWNS OF LYNDON-BARTON
PROJECT I-91-3(14) SECT. I
STA. 1642+00 NB / 1642+00 SB TO STA. 1658+00 NB / 1658+00 SB
Sheet No. 65 of 155 Sheets
FLANNERY ENGINEERING CO. ORLEANS, VERMONT

53

Duze Mulching, Item 659 *
SB 1658 + 00 Lt. - 1661 + 00 Rt.
NB 1661 + 00 Lt. - 1661 + 00 Rt.
SB 1661 + 00 Lt. - 1666 + 00 Rt.
SB 1670 + 00 Lt. - 1673 + 62 Rt.
NB 1669 + 50 Lt. - 1672 + 50 Rt.

Stone Fill for Slope Protection (Light) Type), Item 616
NB 1667 + 50 Lt. - SB 1669 + 00 Rt. - Special Ditch
NB 1670 + 00 Lt. - SB 1670 + 00 Rt. - Special Ditch
SB 1663 + 50 Lt. 10' x 4'
SB 1669 + 00 Lt. 12' x 3'
SB 1670 + 00 Lt. 12' x 4'
NB 1674 + 00 Lt. - SB 1665 + 50 Rt. - Special Ditch

Bituminous Concrete Curb, Item 609 *
SB 1673 + 00 - 1681 + 50 Lt.
NB 1675 + 00 - 1683 + 50 Lt.
SB 1670 + 00 - 1672 + 88 Lt.

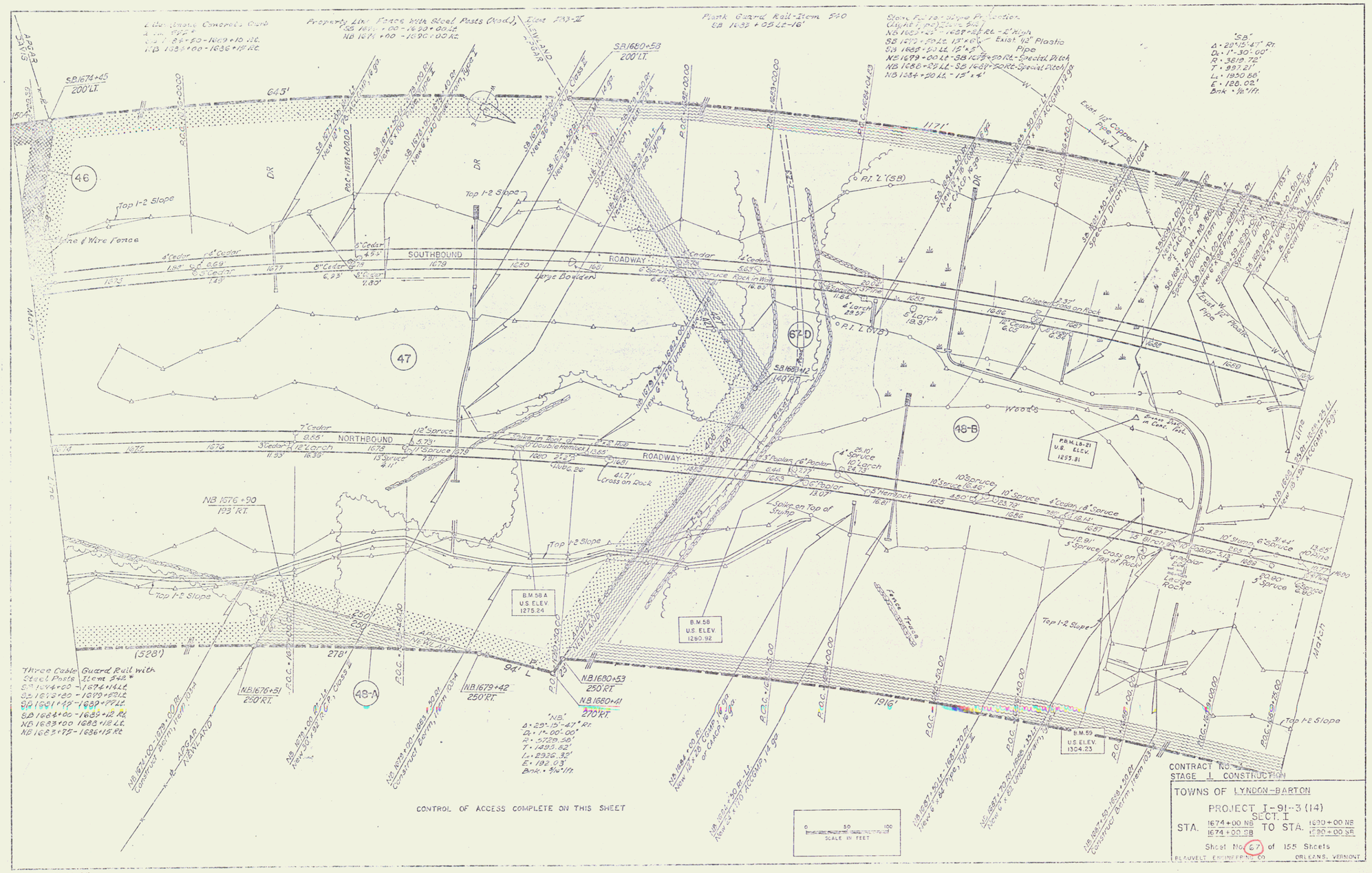
Property Line Fence With Steel Posts (Mod.), Item 613 II
SB 1663 + 00 - 1674 + 00 Lt.
NB 1663 + 00 - 1674 + 00 Rt.

Three Cable Guard Rail with Steel Posts, Item 542 *
SB 1658 + 00 - 1661 + 05 Lt.
SB 1658 + 00 - 1661 + 12 Rt.
NB 1658 + 00 - 1661 + 93 Lt.
NB 1658 + 00 - 1661 + 58 Rt.
NB 1661 + 00 - 1663 + 12 Lt.
NB 1669 + 50 - 1672 + 06 Lt.
SB 1669 + 50 - 1674 + 00 Lt.

SB 1658+32 200' LT
SB 1658+62 200' LT
SB 1659+50 198' LT
(459')
D. RANDALL
DAVIS
P.O.C. = 1658+50.00
SB 1655+50 Lt. New 12"x76' CMP or CMCP, 16ga
NB 1658+50 Rt. New 12"x76' CMP or CMCP, 16ga
SB 1661+00 Lt. New 12"x76' CMP or CMCP, 16ga
SB 1664+00 Lt. New 12"x76' CMP or CMCP, 16ga
P.I. = 1664+27.61 Back = 1663+00.19 Ahead (R = 3758')
SB 1664+56 - 1665+00 Rt. Special Ditch, Item 613 A
150'
SB 1667+00 Rt. - 1667+30 Lt. New 12"x76' CMP or CMCP, 16ga
SB 1667+74 - 1667+30 Rt. New 6"x98' Pipe, Type II
SB 1667+30 Rt. 30°/30° ACCEMP, 14ga
SB 1667+50 - 1670+00 Rt. 6"x250' Underdrain, Type I
P.I. = 1670+00.44 Back = 1670+50 Ahead (R = 2292') CMP, 16ga
SB 1670+50 Rt. 30°/30° ACCEMP, 14ga
WL To DAVIS TRAIL ER
TILED SPRING
L. PONTICELLO Hardware 3 1/4" STEEL PIPE
STONE SPRING
WL. to DAVIS
Tiled Spring
SB 1671+50 - 1673+50 Rt. 6"x150' Underdrain, Type I
SB 1671+00 Lt. - 1672+00 Rt. New 6"x140' Pipe, Type II
SB 1670+91 - 1671+39 Rt. Special Ditch, Item 613 A
ROADWAY
N 34°-53' W
3" Cedar
3.36'
8" Cedar Stump
3.45
8" Cedar Stump
5.46
12" Spruce
5.10
18" Poplar
18" Poplar
14" Poplar
SOUTHBOUND
P.B.M. LB-EG U.S. ELEV 1167.64
Bronze Disc in Rock Outcrop Ledge Rock
Ledge Rock
Ledge Rock
Ledge Rock
DR
DR
DR
DR
WATER
WATER
46
45
47
4" Birch 6.88
12" Birch
Spike in Root of 12" Spruce
4.43'
3" Birch
3" Poplar
Cherry
Cy Poplar
D 9.73'
NORTHBOUND
NB 1661+70 134' RT.
BM-56 U.S. ELEV 1165.84
Top 1-2 Slope
Top 1-2 Slope
BM 57 U.S. ELEV 1264.67
NB 1673+31 86' RT.
5" Poplar
3.77'
5" Spruce
11.04
3" Cherry
10.18
5" Poplar
6.34
5" Spruce
15.22
BM "57" Chisel Square on Boulder
NB 1658+72 250' RT.
(395')
D. RANDALL
DAVIS
NB 1659+00 Rt. New 12"x76' CMP or CMCP, 16ga
SB 1659+50 Rt. Special Ditch, Item 613 A
NB 1659+00 Rt. New 12"x76' CMP or CMCP, 16ga
SB 1664+00 Rt. New 18"x76' CMP or CMCP, 16ga
NB 1664+00 Rt. New 6"x100' Pipe, Type II
NB 1664+05 Lt. New 6"x100' Pipe, Type II
NB 1664+00 - 1664+50 Rt. Construct Berm
NB 1664+50 - 1665+00 Rt. New 6"x40' Underdrain, Type I
NB 1664+09 Rt. - 1664+50 Rt. New 6"x18' Underdrain, Type I
P.O.C. = 1666+50.00
SB 1665+00 Rt. - NB 1664+00 Lt. Special Ditch, Item 613 A
NB 1664+50 Lt. New 6"x100' Pipe, Type II
NB 1665+50 - 1667+50 Rt. New 6"x150' Underdrain, Type I
NB 1667+50 Rt. New 6"x98' Pipe, Type II
NB 1667+55 Lt. - 1668+00 Rt. New 6"x98' Pipe, Type II
NB 1667+50 - 1674+00 Rt. Construct Berm, Item 613 A
NB 1665+00 - 1671+00 Rt. New 6"x300' Underdrain, Type I
SB 1670+50 Rt. - NB 1672+00 Lt. Special Ditch, Item 613 A
P.O.C. = 1668+50.00
1230'
DAVIS
NB 1670+98 250' RT.
NB 1672+00 Rt. - 1671+00 Lt. New 24"x64' RCP, Class III
P.O.C. = 1672+00.00
528'
P.O.C. = 1674+00.00
NB 1669+50 Rt. - 1670+00 Rt. Special Ditch, Item 613 A
NB 1669+50 Rt. - 1670+00 Rt. New 6"x18' Underdrain, Type I
NB 1670+00 Rt. New 6"x98' Pipe, Type II
NB 1670+00 Rt. - 1670+50 Rt. Construct Berm, Item 613 A
NB 1670+50 Rt. - 1671+00 Rt. New 6"x18' Underdrain, Type I
NB 1671+00 Rt. New 6"x98' Pipe, Type II
NB 1671+00 Rt. - 1671+50 Rt. Construct Berm, Item 613 A
NB 1671+50 Rt. - 1672+00 Rt. New 6"x18' Underdrain, Type I
NB 1672+00 Rt. New 6"x98' Pipe, Type II
NB 1672+00 Rt. - 1672+50 Rt. Construct Berm, Item 613 A
NB 1672+50 Rt. - 1673+00 Rt. New 6"x18' Underdrain, Type I
NB 1673+00 Rt. New 6"x98' Pipe, Type II
NB 1673+00 Rt. - 1673+50 Rt. Construct Berm, Item 613 A
NB 1673+50 Rt. - 1674+00 Rt. New 6"x18' Underdrain, Type I
0 50 100 SCALE IN FEET

CONTRACT NO. 3
STAGE I CONSTRUCTION
TOWNS OF LYNDON-BARTON
PROJECT I-91-3(14)
SECT. 1
STA. 1658+00 NB TO STA. 1674+00 NB
1658+00 SB 1674+00 SB
Sheet No. 66 of 155 Sheets
BLAUVELT ENGINEERING CO. ORLEANS, VERMONT

54


Property Line Fence with Steel Posts (Mod.), Item 643-2E
SB 1671 +00 - 1650 + 00.42
NB 1671 +00 - 1690 + 00 Rt.
Plank Guard Rail-Item 540
EB 1681 + 05 Lt.-16'
Storm Pipe to Slope Protection (Alight 1 per) Item 611
NB 1683 + 43 - 1684 + 82 Rt. - 2' High
SB 1672 + 50 Lt. 13' Rt.
SB 1685 + 50 Lt. 15' x 5'
NB 1679 + 00 Lt.-SB 1672 + 50 Rt.-Special Ditch
NB 1686 + 25 Lt.-SB 1669 + 50 Rt.-Special Ditch
NB 1684 + 20 Lt. - 15' x 4'
"SB"
Δ = 29°-15'-47" Rt.
Dc = 1°-30'-00"
R = 3819.72'
T = 997.21'
Lc = 1950.88'
E = 128.02'
Bnk. = ½"/1ft.
S.B. 1674+45
200' Lt.
S.B. 1680+58
200' Lt.
Top 1-2 Slope
Line & Wire Fence
SOUTHBOUND ROADWAY
NORTHBOUND ROADWAY
Large Boulder
Woods
Ledge Rock
Top 1-2 Slope
Spike in Root of
Double Hemlock
Spike on Top of Stump
Cross on Top of Rock
Fence Tress
Top 1-2 Slope
Top 1-2 Slope
Top 1-2 Slope
Three Cable Guard Rail with Steel Posts Item 542.*
SB 1674+00 - 1674+14 Lt.
SB 1675+80 - 1679+50 Lt.
SB 1691+42 - 1693+77 Lt.
SB 1684+00 - 1689+12 Rt.
NB 1683+00 1688+12 Lt.
NB 1683+75 - 1686+15 Rt.
"NB"
Δ = 29°-15'-47" Rt.
Dc = 1°-00'-00"
R = 5729.58'
T = 1493.62'
Lc = 2926.32'
E = 192.03'
Bnk. = ⅜"/1ft.
CONTROL OF ACCESS COMPLETE ON THIS SHEET
SCALE IN FEET
0 50 100
B.M. 58 A U.S. ELEV. 1275.24
B.M. 58 U.S. ELEV. 1280.92
B.M. 59 U.S. ELEV. 1304.23
P.B.M. LB-21 U.S. ELEV. 1293.81
CONTRACT NO. 1
STAGE I CONSTRUCTION
TOWNS OF LYNDON-BARTON
PROJECT I-91-3 (14)
SECT. I
STA. 1674+00 NB 1674+00 SB TO STA. 1690+00 NB 1690+00 SB
Sheet No. 67 of 155 Sheets
BEAUVELT ENGINEERING CO. ORLEANS, VERMONT

55

Property Line Fence with Steel Posts Every Other Post
SB 1690+00 -1705+00 Lt.
NB 1690+00 -1705+00 Rt.

SB 1691+71 200'
SB 1691+00 - 1691+50 Lt. New 36" x 18 RCP, Class III
SB 1691+50 - 1692+25 Lt. Open Ditch, Item 603.1
SB 1692+25 - SB 1694+25 Lt. New 42" x 26" RCP, Class III
SB 1694+25 - 1695+00 Lt. Open Ditch, Item 603.1
SB 1695+00 - 1697+00 Lt. New 42" x 26" RCP, Class III
SB 1697+00 - 1698+00 Lt. Open Ditch, Item 603.1
SB 1698+00 - 1703+87 Lt. Open Ditch, Item 603.1
SB 1703+87 - 1705+00 Lt. New 42" x 26" RCP, Class III
1171'
P.O.C. = 1690+00
Fence Trace
P.O.T. = 1697+35.62
P.O.T. = 1693+54.02
P.O.T. = 1701+28
545'
712'
178'
Exist. 1" Steel Pipe
SB 1698+01 330 LT.
SB 1697+02 200 LT.
SB 1699+02 249 LT.
SB 1698+60 194 LT.
SB 1700+03 115 LT.
SB 1700+01 35 LT.
SB 1698+98 53 RT.
H.O.L. Line Toe of Ash Estate
Ash Est. Newland and Jennings
Equality Line
Ash Est. Newland and Jennings
B.M. 61 U.S. ELEV. 1391.48
Rock Lined Spring
Concreted Spring
Rock Ledge
Rock Pile
Woods
Top 1-2 Slope
DR
49-B
50-B
74
75
4" Spruce 13.85'
3" Spruce 13.14'
3" Spruce 18.89'
3" Spruce 4.03'
3" Spruce 7.35'
3" Spruce 11.90'
3" Cedar 0.18'
6" Spruce 3.38'
12" Birch 15.58'
12" Thorn 12.33'
3" Hemlock
Hemlock
Alder 30.60'
36.95' Cross on Boulder
B.M. Cross on Boulder
Exist. 1/2" Plastic Pipe
NB 1693+05 35'
SOUTHBOUND ROADWAY
N 05°-37' W
1689
1690
1691
1692
1693
1694
1695
1696
1697
1698
1699
1700
1701
1702
1703
1704
1705
Line
Dense Woods
Field
Woods
175'
49-A
48-B
50-A
NB 1692+37 36'
10' Butternut 23.91'
8" Hickory 10.27'
Crossen Rock 13.81'
6" Spruce 6.08'
5" Spruce 8.20'
3" Spruce 24.36'
5" Cedar 6.89'
12" Spruce 2.83'
16" Spruce Stump 2.42'
Spike in Stump
NORTHBOUND ROADWAY
N 05°-37' W
Top 1-2 Slope
Fence Trace
B.M. 60 U.S. ELEV. 1380.27
(1916')
1216'
1085'
Ash Est. Newland Jennings
51
N.B. 1700+47 22 RT.
N.B. 1700+44 250 RT.
N.B. 1700+62 250 RT.
Exist. 1/2" Plastic Pipe
Rock Lined Spring
NB 1691+00 - 1691+50 Lt. New 36" x 18" RCP, Class III
NB 1691+50 - 1692+00 Lt. New 30" x 12" RCP, Class III
NB 1692+00 - 1692+50 Lt. Construct 36" Item 103A
NB 1692+50 - 1693+00 Lt. New 18" x 12" RCP, Class III
NB 1693+00 - 1693+50 Lt. New 18" x 12" RCP, Class III
NB 1693+50 - 1694+50 Lt. Construct 36" Item 103A
NB 1694+50 - 1695+00 Lt. Construct 36" Item 103A
NB 1695+00 - 1698+50 Lt. Open Ditch, Item 603.1
NB 1698+50 - 1699+50 Lt. New 24" x 15" RCP, Class III
NB 1699+50 - 1703+50 Lt. Construct 36" Item 103A
NB 1703+50 - 1705+00 Lt. Open Ditch, Item 603.1
NB 1703+50 - 1705+00 Lt. New 36" x 18" RCP, Class III
NB 1703+50 - 1705+00 Lt. Construct 36" Item 103A
0 50 100
SCALE IN FEET

CONTRACT NO. 3
STAGE 1 CONSTRUCTION
TOWNS OF LYNDON-BARTON
PROJECT I-91-3(14)
SECT 1
STA. 1690+00 NB / 1690+00 SB TO STA. 1705+00 NB / 1705+00 SB
Sheet No. 53 of 155 Sheets
HEALEY ENGINEERING CO. ORLEANS, VERMONT

56

Property Line Fence with Steel Posts (Mod.) Elev. 283.5'

SB 1705 + 00 - 1721 + 00 Lt.
NB 1705 + 00 - 1721 + 00 Rt.

"SB"
Δ = 05°-33'-37" Lt.
Dc = 0°-15'-00"
R = 22,918.31
T = 1109.61
Lc = 2217.49
E = 26.85'
Brik = Normal Crown

SB 1707+50 350'LT.
SB 1705+65 200'LT.
SB 1713+04 200'LT.
SB 1716+91 60'RT.
NB 1710+30 68'RT.
NB 1712+78 250'RT.
NB 1713+98 340'RT.
NB 1714+53 250'RT.

SB 1707+50 - 1711+50 Lt. Special Ditch, Trans 106A - 106B
SB 1707+50 Rt. - 1707+50 Lt. New 36" x 68' RCP - Class III
SB 1711+50 Lt. - 1712+50 Rt. New 42" x 144' RCP/HP Esp.
SB 1711+55 Lt. - 1713+50 Lt. New 8" x 302' Pipe, Type II
SB 1712+23 Lt. - 1711+50 Lt. Special Ditch, Trans 106A and 106B
SB 1713+50 - 1717+06 Lt. New 6" x 356' Underdrain, Type I
SB 1717+50 Rt. New 6" x 5.6' Pipe, Type II
SB 1717+50 Lt. New 6" x 5.6' Pipe, Type II
SB 1717+00 - 1721+00 Lt. Underdrain, Type I
SB 1721+00 Rt. Underdrain, Type I
SB 1719+00 Lt. New 24" x 81' R.C.P. Class III

P.O.C. - 1705+00
P.O.C. - 1713+00.00
P.O.C. - 1715+00.00
P.O.C. - 1719+05.00
P.O.T. - 1717+50.00

Top 1-2 slope
Field
Woods
Spring
Bronze Disc in Conc. Post
P.B.M. LB-22 U.S. ELEV. 1436.92
B.M. 62 U.S. ELEV. 1438.70
B.M. 63 U.S. ELEV.
Ledge Rock
Spike in Top of Stump
Fence
Brook
Marsh
RICHARDSON ASH EST.
JENKINS
ROADWAY
SOUTHBOUND
NORTHBOUND
N05°-37'W
P.I. "M" (SB)
50-A
51
52-A
573'
238'
1408'
1055'
447'
328'
2447'
(178')
(1216')
3" Maple 15.44'
6" Hemlock 22.12'
15" Cherry 7.18'
8" Cedar 12.18'
10" Cedar 15.60'
10" Cedar 14.29'
6" Maple 6.40'
18" Maple 9.04'
24" Cherry 4.92'
15" Cherry 6.78'
4" Maple 4.66'
4" Spruce 11.95'
3" Spruce 9.7'
6" Spruce 13.92'
6" Spruce 7.01'
6" Spruce 3.6'
6" Spruce 7.31'
10" Spruce 15.98'
CONTROL OF ACCESS COMPLETE ON THIS SHEET.
SCALE IN FEET 0 50 100

CONTRACT NO. 5
STAGE I CONSTRUCTION
TOWNS OF LYNDON-BARTON
PROJECT I-91-3(14) SECT. I
STA. 1705+00 NB TO STA. 1721+00 NB
1705+00 SB 1721+00 SB
Sheet No. 69 of 155 Sheets
BLAUVELT ENGINEERING CO. ORLEANS, VERMONT

57

Bituminous Concrete Curb, Item 231*
NB 1731+90 - 1731+00 Lt.
SB 1728+80 - 1736+00 Lt.
SB 1733+30 - 1736+00 Rt.
Three Cable Guard Rail - With Steel Posts, Item 548*
NB 1728+00 - 1731+00 Rt.
NB 1731+50 - 1737+00 Lt.
SB 1728+50 - 1736+54 Lt.
SB 1729+00 - 1736+82 Rt.

Stone Fill for Slope Protection (Light Type), Item 511
NB 1731+50 Rt. - NB 1731+00 Rt. (3' High)
SB 1728+00 - 1728+50 Rt. - 2' High

Stone Fill Energy Dissipator (Heavy Type), Item 511
SB 1734+85 Lt.

Riprap (Heavy Type), Item 513-A
SB 1734+25 - 1734+30 Lt.

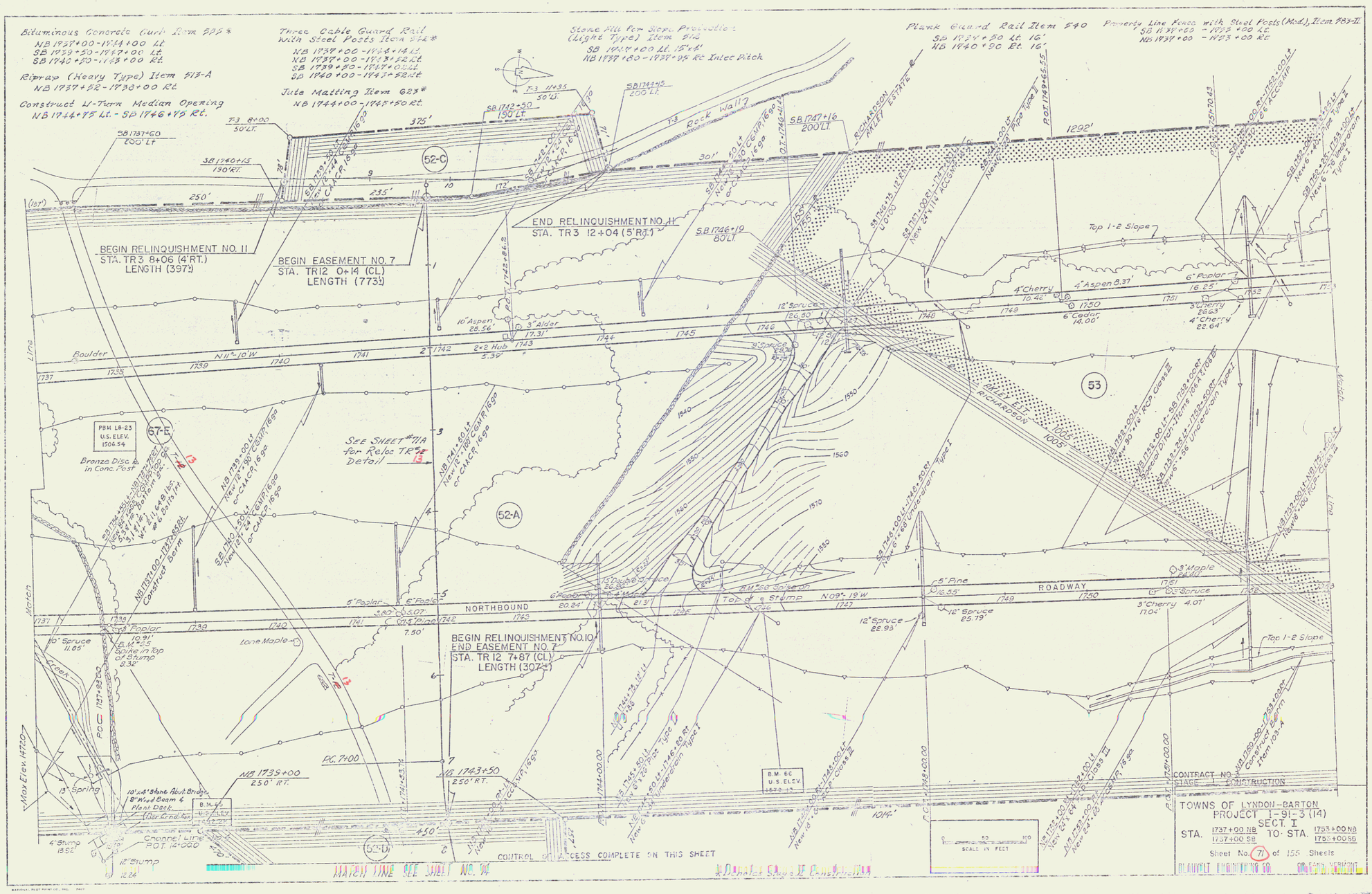
Stone Fill for Slope Protection (Heavy Type), Item 511
SB 1729+55 - 1734+78 Lt. Special Ditch

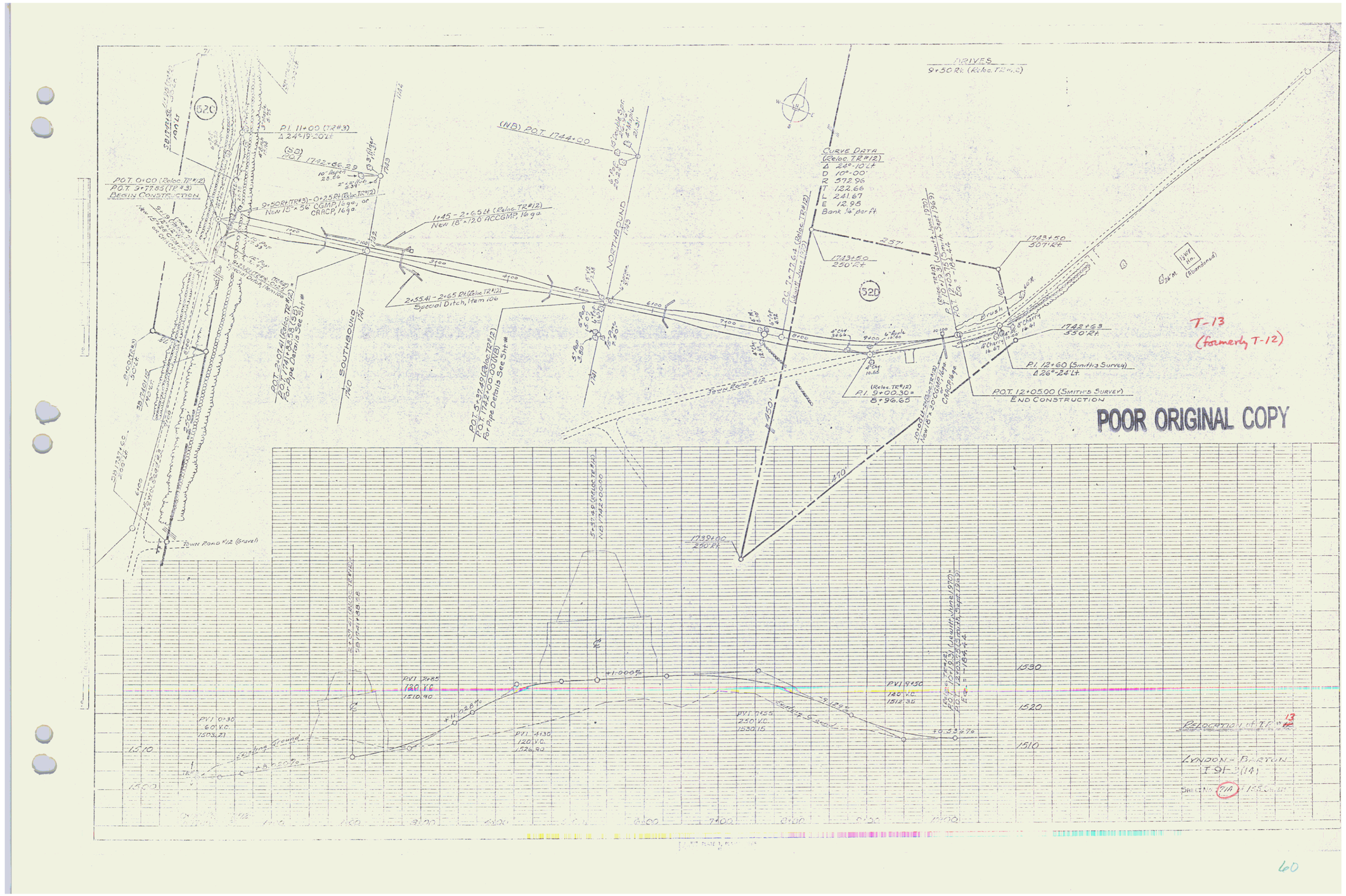
Jute Matting, Item 623*
NB 1727+00 Rt. - 1730+00 Rt.
NB 1728+30 Lt. - 1729+00 Lt.

Property Line Fence with Steel Posts (Mod.), Item 833-II
SB 1731+00 - 1737+00 Lt.
NB 1731+00 - 1737+00 Rt.

SB 1729+00 350' LT.
SB 1727+25 200' LT.
SB 1730+50, 270' Lt.
SB 1732+25, 255' Lt.
SB 1734+00 350' LT.
SB 1734+00 200' LT.
SB 1736+23 200' LT.
496'
(1408')
137'
P.O.C. 1722+00.00
P.O.T. 1739+00.00
P.O.T. 1734+78.64
P.O.T. 1734+40.00
P.O.T. 7+55.0 SB 1736+25.0 Askew 67°00' Rt.
P.O.T. 9+00.0
P.O.T. 10+87= NB 1738+47 Askew 84°-00' Rt.
P.O.C. 1735+60.00
P.O.C. 1729+00.00
P.O.C. 1729+25.37
P.O.C. 1732+00.00
P.O.C. 1721+00.00
P.I. M (NB)
Channel Line No. 4
Creek
Logging Road
Match Line
SOUTHBOUND ROADWAY
NORTHBOUND ROADWAY
N05°-37'W
N11°-10'W
52-A
B44
B45
"NB" Δ = 03°-41'-45" Lt. Dc = 05°-15'-00" Rc = 1122.018' Tc = 36.84' Lc = 72.27' E = 1.23' Brk. Ba. 1716
CONTROL OF ACCESS COMPLETE ON THIS SHEET
* Denotes Stage II Construction.
SCALE IN FEET
CONTRACT NO. 3
STAGE I CONSTRUCTION
TOWNS OF LYNDON-BARTON
PROJECT I-91-3(14)
SECT.
STA. 1721+00.00 SB TO STA. 1737+00.00 NB
1737+00.00 SB
Sheet No. 70 of 155 Sheets
BLAKELY ENGINEERING CO. ORLEANS, VERMONT

58


Bituminous Concrete Curb Item 535*
NB 1737+00 - 1744+00 Lt.
SB 1739+50 - 1747+00 Lt.
SB 1740+50 - 1743+00 Rt.
Riprap (Heavy Type) Item 613-A
NB 1737+52 - 1738+00 Rt.
Construct U-Turn Median Opening
NB 1744+75 Lt. - SB 1746+75 Rt.
Three Cable Guard Rail With Steel Posts Item 614*
NB 1737+00 - 1744+14 Lt.
NB 1737+00 - 1737+52 Rt.
SB 1739+50 - 1747+00 Lt.
SB 1740+50 - 1743+52 Rt.
Jute Matting Item 623*
NB 1744+00 - 1745+50 Rt.
Stone Fill for Slope Protection (Light Type) Item 616
SB 1744+00 Lt. 15' Rt.
NB 1737+80 - 1737+95 Rt. Inlet Ditch
Plank Guard Rail Item 540
SB 1737+50 Lt. 16'
NB 1740+90 Rt. 16'
Property Line Fence with Steel Posts (Mod.), Item 585-II
SB 1737+00 - 1739+20 Lt.
NB 1737+00 - 1738+00 Rt.
BEGIN RELINQUISHMENT NO. 11
STA. TR3 8+06 (4' RT.)
LENGTH (397')
BEGIN EASEMENT NO. 7
STA. TR12 0+14 (CL.)
LENGTH (773')
END RELINQUISHMENT NO. 11
STA. TR3 12+04 (5' RT.)
BEGIN RELINQUISHMENT NO. 10
END EASEMENT NO. 7
STA. TR 12 7+87 (CL.)
LENGTH (307')
Top 1-2 Slope
ROADWAY
NORTHBOUND
RICHARDSON
Boulder
Creek
Lone Maple
10' Spruce 11.85'
10.91' B.M.=25 Spike in Top of Stump 8.32'
4' Stump 18.82'
12" Stump 12.24'
13' Spring
10'x4' Stone Abut. Bridge 8" Wood Beam & Plank Deck
Channel Line POT 14+000
PBM LB-23 U.S. ELEV. 1506.54
Bronze Disc in Conc. Post
SEE SHEET #71A for Reloc TR 12 Detail
MATCH LINE SEE SHEET NO. 74
CONTROL OF ACCESS COMPLETE ON THIS SHEET
* Denotes Std. of Construction
SCALE IN FEET
CONTRACT NO. 3
STAGE I CONSTRUCTION
TOWNS OF LYNDON-BARTON
PROJECT I-91-3(14)
SECT. I
STA. 1737+00 NB 10- STA. 1753+00 NB
1737+00 SB 1753+00 SB
Sheet No. 71 of 155 Sheets
BLAUVELT ENGINEERING CO. BRATTLEBORO, VERMONT


DRIVES
9+50 Rt. (Reloc. TR#12)
(NB) P.O.T. 1744+00
P.I. 11+00 (TR#3)
Δ 24°-19'-20"Lt.
(SB) P.O.T. 1742+86.29
P.O.T. 0+00 (Reloc. TR#12)
P.O.T. 9+77.85 (TR#3)
BEGIN CONSTRUCTION
9+50 Rt (TR#3) - 0+25 Rt (Reloc. TR#12)
New 15"x 56" CGMP, 16 ga. or CARCP, 16 ga.
1+45 - 2+65 Lt (Reloc. TR#12)
New 18"x 120" ACCGMP, 16 ga.
2+55.41 - 2+65 Rt (Reloc. TR#12)
Special Ditch, Item 106
P.O.T. 2+07.41 (Reloc. TR#12)
P.O.T. 1744+00.00 (NB)
For Pipe Details See Sht.#
P.O.T. 5+27.49 (Reloc. TR#12)
P.O.T. 1743+00.00 (NB)
For Pipe Details See Sht.#
SOUTHBOUND
NORTHBOUND
CURVE DATA
(Reloc. TR#12)
Δ 24°-10'Lt
D 10°-00'
R 572.96'
T 122.66
L 241.67
E 12.95
Bank ¼" per ft.
237'
1743+50
250' Rt.
1743+50
300' Rt.
1742+63
350' Rt.
P.I. 12+60 (Smith's Survey)
Δ 26°-24'Lt.
P.O.T. 12+0500 (SMITH'S SURVEY)
END CONSTRUCTION
P.I. 9+60.30
8.96.65
(Reloc. TR#12)
Brush
Clearing
Grubbing
Cat. 16 & 4
Town Road #12 (Gravel)
Existing Ground
Proposed
PVI 7+85
120' V.C.
1510.90
PVI 0+30
60' V.C.
1503.21
PVI 4+30
120' V.C.
1526.92
PVI 9+50
120' V.C.
1512.35
PVI 8+55
250' V.C.
1530.15
1530
1520
1510
1500
Relocation of T.H. "13"
LYNDON - BARTON
T 01-3(14)
SHEET NO. 7/A OF 155 SHEETS
T-13
(formerly T-12)
POOR ORIGINAL COPY

60

Wire Cable Guard Rail with Steel Posts Item 542*
SB 1762+50 - 1766+02 Lt.

Stone Fill for Slope Protection (Light Type) Item 612
NB 1759+35 Lt - SB 1760+00 Rt Special Ditch
NB 1767+00 Lt - SB 1767+00 Rt Special Ditch

Jute Matting Item 623 E
SB 1760+85 - 1763+50 Rt.
SB 1767+00 - 1768+00 Lt.
NB 1759+30 - 1761+30 Lt.
NB 1763+00 - 1765+00 Lt.
NB 1763+00 - 1764+25 Rt.

Property Line Fence with Steel Posts (Mod.), Item 583-II
SB 1753+00 - 1758+00 Lt.
NB 1753+00 - 1768+00 Rt.

PB 14, LB 24
U.S. ELEV. 1561.34

2015'

(1292')

SB 1760+06
200' Lt.

ROADWAY

SOUTHBOUND

NORTHBOUND

N11°-10'W

N09°-19'W

CONTROL OF ACCESS COMPLETE ON THIS SHEET

MATCH LINE SHEET NO. 71

0 50 100
SCALE IN FEET

B.M. 67
U.S. ELEV.
1673.07

B.M. 68
U.S. ELEV.
1578.10

CONTRACT NO. 3
STAGE I CONSTRUCTION

TOWNS OF LYNDON-BARTON

PROJECT I-91-3 (14)
SECT. T

STA. 1753+00 NB TO STA. 1768+00 NB
1753+00 SB 1768+00 SB

Sheet No. 72 of 155 Sheets

FAY-VEIT ENGINEERING CO. ORLEANS, VERMONT

61

END CONTRACT 3
SB 1779+00

BEGIN CONTRACT 4
SB 1779+00

Drilling + Blasting of Solid Rock Subgrade
Item 115 SB 1779+00 - 1783+00
NB 1779+00 - 1783+00

SB 1779+93
200' LT

SB 1780+00 Rt
New 18"ø RCP Class III

SB 1778+00 Rt
New 6"ø Underdrain, Type 1

SB 1778+00 Rt
New 6"ø PVC Pipe, Type 1

SB 1775+00 Rt
New 6"ø Underdrain, Type 1

SB 1775+00 Rt
New 6"ø PVC Pipe, Type 1

SB 1773+00 Rt
New 6"ø Underdrain, Type 1

SB 1773+00 Rt
New 6"ø PVC Pipe, Type 1

SB 1772+90 Rt
New 6"ø Underdrain, Type 1

SB 1768+00 - 1772+90 Rt
New 6"ø Underdrain, Type 1

SB 1768+00 - 1769+00 Rt
New 6"ø Underdrain, Type 1

SB 1768+00 - 1769+00 Rt
New 6"ø PVC Pipe, Type 1

SB 1775+00 - 1778+00 Rt
New 6"ø Underdrain, Item 103-A

SB 1773+00 Rt
New 24"ø RCP, 16 ga.

SB 1772+95 Rt
New 6"ø Underdrain, Item 103-A

SB 1772+90 - 1773+90 Rt
New 6"ø Underdrain, Item 103-A

NB 1773+00 - 1773+50 Rt
New 6"ø PVC Pipe, Type 1

NB 1773+00 - 1773+50 Rt
New 6"ø Underdrain, Type 1

NB 1773+65 - 1775+00 Rt
New 6"ø Underdrain, Item 103-A

NB 1773+50 - 1777+00 Rt
Construct Berm, Item 103-A

NB 1774+00 Rt
New 18"ø RCP Class III

NB 1777+00 - 1779+50 Rt
New 6"ø PVC Pipe, Type 1

NB 1777+00 - 1779+00 Rt
New 6"ø Underdrain, Type 1

NB 1777+00 - 1779+00 Rt
New 18"ø RCP Class III

NB 1777+00 - 1779+00 Rt
Special Ditch, Item 103-A

NB 1779+00 - 1780+00 Rt
New 6"ø CMP, 16 ga.

SB 1779+00 Rt
New 24"ø CMP, 16 ga.

SB 1780+00 Rt
New 18"ø RCP Class III

NB 1780+00 - 1780+00 Rt
New 18"ø RCP Class III

NB 1780+00 - 1780+00 Rt
Construct Berm, Item 103-A

SB 1772+50 - 1772+90 Rt
Item 103-A

NB 1772+95
28' LT

2015'

1728'

N 11°-10' W

N 09°-19' W

Top 1-2 Slope

Property Line Fence with Steel Posts (Mod), Item 583 II
SB 1779+00 - 1783+00 Lt
NB 1779+00 - 1783+00 Rt

CONTROL OF ACCESS COMPLETED ON THIS SHEET

SOUTHBOUND ROADWAY

NORTHBOUND ROADWAY

Spike in top of 18" Spruce

7" Spruce 5.10'

7" Spruce 12.96'

8" Larch 21.68'

3" Larch 38.33'

23.73' 14" Larch

12.07' 4" Larch 5.53'

7.31' 5" Spruce

9" Spruce

3" Spruce 9.57'

5" Spruce 10.33'

Nail in Root of 8" Tree 3.00'

Nail in Rim of 8" Tree 4.36'

3" Spruce 10.06'

Nail in Top of Stump 1.89'

4" Spruce 14.06'

3" Spruce 33.10'

Paint "X" Mark on Rock Outcrop

B.M. 71
U.S. ELEV.
1776.45

B.M. 72
U.S. ELEV.
1719.31

Match Line

Match Line

Line

Line

GLENSBURG
RICHARDSON

Ditch

Road

54

55-A

52-B

MATCH LINE 1775+00

SEE SHEET NO. 74

END CONTRACT 3
NB 1779+00

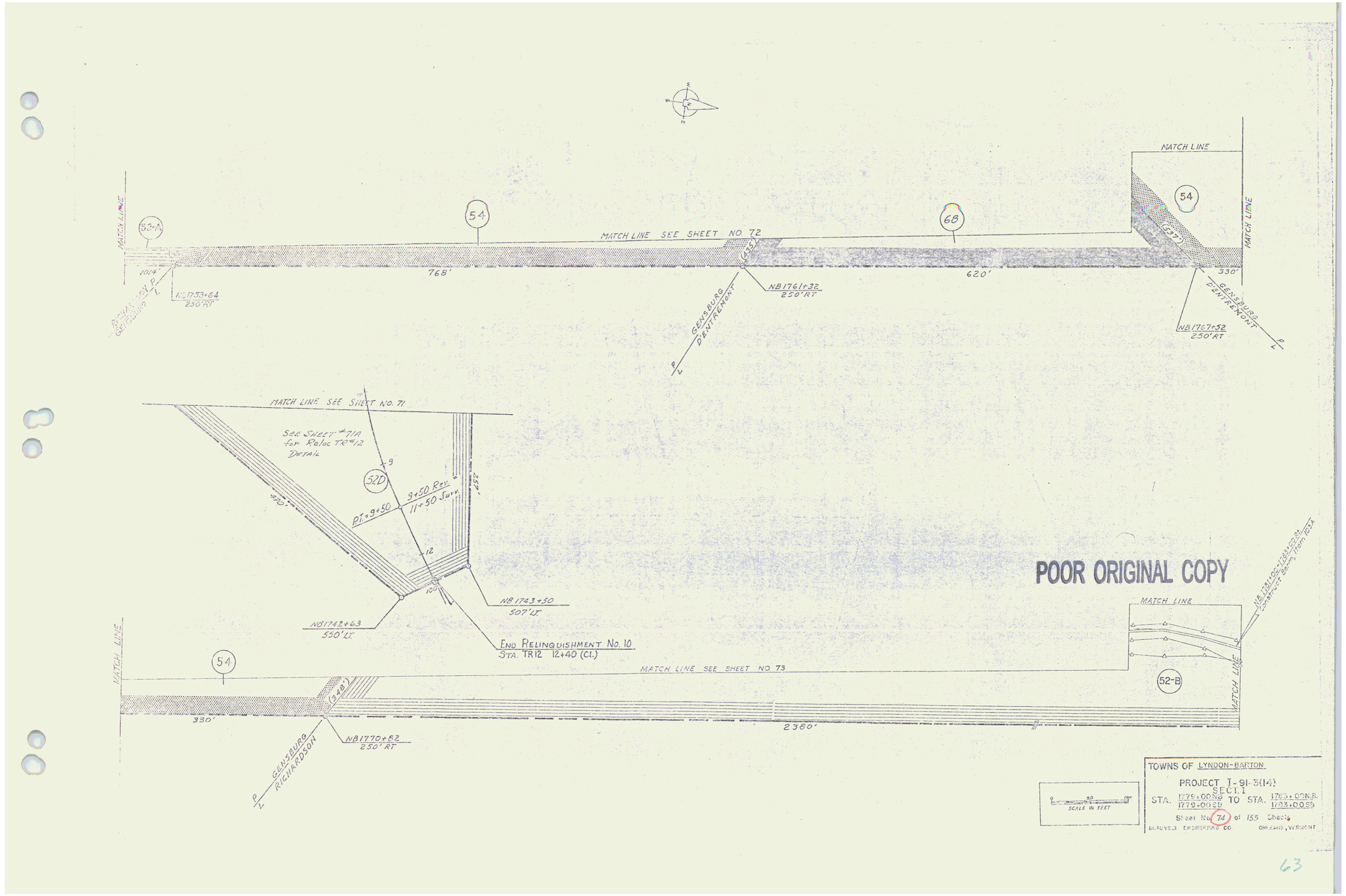
BEGIN CONTRACT 4
NB 1779+00

0 50 100
SCALE IN FEET

CONTRACT NO. 3
STAGE I CONSTRUCTION
TOWNS OF LYNDON & BARTON
PROJECT I-91-3(14)
SECT I
STA. 1760+00 NB / 1765+00 SB TO STA. 1779+00 NB / 1779+00 SB
Sheet No. 73 of 155 Sheets

R. AUVERT ENGINEERING CO. ORLEANS, VERMONT

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POOR ORIGINAL COPY

Three Cable Guard Rail with Light Steel Posts, Item 538*
NB 1793+66 - 1798+00 Lt.

Drilling & Blasting of Solid Rock Subgrade
Item 115 SB 1783+00 - 1797+75
NB 1783 - 1794 - 25

Property Line Fence with Steel Posts (Med), Item 585 II
SB 1783+00 - 1798+00 Lt
NB 1783+00 - 1798+00 Rt

Stone Fill for Slope Protection (Light Type) Item 612
ND 1797+40 - 1798+00 RT. 2' HIGH
NB 1786+00 Lt - SB 1786+50 RT. - Special Ditch

"SB"
Δ = 17°14'48" Rt.
Dc = 1°00'00"
R = 5729.58
T = 868.91
Lc = 1724.68
E = 65.51
Bank = 9/16"/ft.

P.O.C. 1782+50.00

SB 1786+60 Rt-Lt
New 30"ø RCP Class III

P.O.C. 1787+30.00

P.O.C. 1789+50.02

SB 1790+50 Rt-Lt
New 24"x 38" ACCE M.P. 1638

1728'

1789+12.80

GRAVEL ROAD

SB 1794+60 Rt-Lt
New 18"ø RCP Class III

Rock Wall T-3

SB 1796+65
200' Lt.

438'

P.O.T. 1797+40.00

DR

Top 1:2 Slope

o.P.I. N (SB)

4" Maple
5" Cherry
6" Poplar
3" Maple 12" Cedar

SOUTHBOUND

1787 @ 10.20'
1788
1789
1498 @ 11.68'
1790
1791
1792
1793 @ 7.19'
1794 @ 7.69'
1795
1796
1797 @ Maple 11.31'
1798

20.1'
11.10'
4" Maple 4" Maple
4.68'
4" Spruce
18" Maple 5.04'
2" Maple 12.93'
14" Maple 13.65'

ROADWAY N 06°-05' E

Top 1:2 Slope

Cherry
1784
1785
1786
Birch
5" Maple

Bronze Disc in Conc. Post
F.B.M. LB-25
U.S. ELEV. 1717.66

RUSSER RICHARDSON

NB 1786+00 Lt-SB 1785+50 Rt
New Special Ditch Item 608

NB 1785+00 Rt-Lt
New 18"ø RCP Class III

NB 1790+00 Lt-SB 1790+50 Rt
New Special Ditch Items 608 & 613

55-A

52-B

"NB"
Δ = 15°23'56" Rt.
Dc = 1°00'00"
R = 5729.58
T = 774.62
Lc = 1539.90
E = 52.13
Bank = 5/16"/ft

o.P.I. N (NB)

Nail in Rim of Chiseled Square on Rock Stump
Nail in Stump
NORTHBOUND
1787
1788
1789
1790
1791
1792
1793
1794
1795
1796
1797
1798
463'
15.69'
130'
10" Spruce 11.59'
11" Spruce 11.59'
4" Stump 4.00'
3" Spruce 5" Stump 2.54
Chiseled Square on Rock 25.49'
Stump
8" Aspen
4.15'
6" W. Birch 11.95'
5" Maple 6.70'
3" Pine
10.26'
12" Poplar 12.05'
6" Poplar 15.64'
Top 1:2 Slope
Top 1-2 Slope
Rock Wall
Gravel Road
Meter
Line

P.O.C. 1786+00.00

NB 1786+00 Lt-SB 1785+50 Rt
New Special Ditch Item 608

P.O.C. 1787+30.00

P.O.C. 1788+50.00

NB 1788+50 Rt-Lt
New 18"ø RCP Class III

P.O.C. 1789+50.00

P.O.C. 1791+50.00

NB 1792+25 Rt-Lt
New 6"ø CPEP

NB 1794+00 Lt
New 6"ø CPEP

NB 1794+00 Rt
Construct Ditch Item 608

P.O.T. 1797+40.00

NB 1795+12
250' Rt.

NB 1794+00 Rt
Construct Ditch Item 608

B.M. 72
U.S. ELEV.
1601.67

2380'

CONTROL OF ACCESS COMPLETE ON THIS SHEET

1015'

0 50 100
SCALE IN FEET

CONTRACT NO. 4
STAGE 1 CONSTRUCTION

BARTON

PROJECT I-91-3(14)
SECT 1
STA. 1783+00 NB TO STA. 1798+00 NB
1783+00 SB 1798+00 SB

Sheet No. 75 of 155 Sheets

HARVEST ENGINEERING CO. ORLEANS, VERMONT

* Refers Sheet of Construction

64

Stone Fill For Slope Protection (Light Type) Item 512
NB 1798+00 - 1801+25 RT. - 2' High
NB 1805+50 - 1810+20 RT. - 2' High
NB 1812+50 - 1813+00 RT. - 2' High
SB 1811+50 - 1813+00 RT. - 2' High
SB 1812+00 - 1813+00 LT. - 2' High
NB 1801+50 LT. - SB 1801+50 RT. - Special Ditch
NB 1812+50 LT 10'x4'
SB 1811+50 LT 10'x5'
SB 1809+50 LT 6'x4'

Treated Timber Curb - Item 568*
NB 1800+00 - 1813+00 LT
NB 1800+00 - 1809+60 RT
SB 1801+00 - 1813+00 LT

Property Line Fence, with Steel Posts, (Mod) Item 503 II
SB 1798+00 - 1813+00 LT.
NB 1798+00 - 1813+00 RT.

Three Cable Guard Rail with Light Steel Posts, Item 538*
NB 1799+20 - 1809+76 RT
NB 1798+00 - 1813+00 LT
SB 1799+50 - 1801+74 LT
SB 1806+50 - 1813+00 LT

Drilling & Blasting of Solid Rock Subgrade, Item 115
SB 1798+25 - 1799+25 (Add)

EQUALITY 1798+91.10 Back = 1799+03.26 Ahead (=12.04)
SB 1798+50 Rt.-Lt. New 18"x36' RCP Class III
SB 1800+00 140' Lt.
SB 1798+00 Lt. - 1799+50 Rt. New 18"x36' Pipe Type II
SB 1801+50 Rt.-Lt. New 24"x76' RCP Class III
SB 1805+00 Rt.-Lt. New 24"x76' RCCMP-18ga.
P.O.T. = 1805+50.00
SB 1805+00 Lt.-Lt. New 24"x76' RCP Class III
GRAVEL ROAD
428'
762'
T-3
LUSSIER CARTER
SB 1807+55 217' LT.
P/L
SB 1808+45 210' Lt.
CARTER
CIFERELLI
Rock Lined Spring
CARTER
POLULI PLUMWOOD INC.
Old Foundation 18'x24' Cabin
18'x24' Fr. Cabin
Pond
57
8.2.0'
CASTER
SB 1809+35 115' Lt.
SB 1808+45 185' Lt.
SB 1811+51 152' Lt.
SB 1812+80 141' Lt.
SB 1811+16 90' Lt.
SB 1808+00 Lt. New 12"x30' RCP or CMCP, 16ga
DR
12" Pine 29.78
Hub 2.39
6" Pine 39.71'
SOUTHBOUND
N06°-05'E
2"x2" Hubs
3.51'
3.70'
3.50'
ROADWAY
SB & 7
1798 1799 1800 1801 1802 1803 1804 1805 1806 1807 1808 1809 1810 1811 1812 1813
SB 1799+30 - 1801+40 Rt. New 6'x 190' Underdrain Type I
SB 1801+30 Rt. New 42"x30' RCCMP, 16 ga
NB 1801+50 Lt. - SB 1801+50 Rt. Special Ditch, Item 106-A
SB 1802+00 - 1805+30 Rt. New 6'x 330' Underdrain, Type I
55-A
56
SB 1805+30 - 1809+50 Rt. New 6'x 400' Underdrain, Type I
SB 1809+50 Lt. New 6'x 128' RCCMP, 16 ga or CMCP, 16 ga
SB 1811+50 Rt.-Lt. New 30"x 128' RCCMP, 14ga
SB 1810+75 - 1811+50 Rt. Special Ditch, Item 106-A
NB 1810+00 Lt. New 18"x 28' CCMP-14ga or CMCP-14ga
SB 1812+00 Lt. New 12"x 30' RCCMP, 16 ga or CMCP, 16 ga
SB 1812+00 Lt. New 12"x 30' RCCMP, 16 ga or CMCP-14ga
NB 1813+50 Rt.-Lt. New 24"x 130' RCCMP-14ga
300'
140' Lt.
13" Birch 10.62
7" Maple 8.09
6" Maple 18.47
788 B.M. 73 Spike in top of Stump
NORTHBOUND
N06°-05'E
2"x2" Hubs
3.40'
4.13'
4.34'
1790 1800 1801 1802 1803 1804 1805 1806 1807 1808 1809 1810 1811 1812
8" Spruce 16.25
94 Stumps 0.43' Rise
12" Cedar 10.65'
1" Diameter Hole in Rock
P.O.T. = 1801+50.00
1" Diameter Hole in Rock
Spoon
N.B. 1800+00 Lt.-Rt. New 18"x36' RCP Class III
N.B. 1800+00 Rt. New 42"x76' RCCMP-14ga
N.B. 1801+40 Lt.-Rt. New 18"x36' RCP Class III
N.B. 1801+50 Rt. New 42"x76' RCCMP-14ga
N.B. 1802+00 Lt.-Rt. New 18"x36' RCP Class III
N.B. 1805+00 Lt.-Rt. New 18"x36' RCP Class III
N.B. 1805+00 Rt. New 42"x76' RCCMP-14ga
N.B. 1805+40 250' Rt.
N.B. 1807+50 Lt.-Rt. New 18"x36' RCP Class III
N.B. 1807+50 Rt. New 42"x76' RCCMP-14ga
N.B. 1807+90 Rt. New 42"x76' RCCMP-14ga
B.M. 73 U.S. ELEV. 1777.71
B.M. 74 U.S. ELEV. 1766.95
(1012')
CONTROL OF ACCESS COMPLETE ON THIS SHEET
SCALE IN FEET 0 50 100
* Denotes Pages of Construction
CONTRACT NO. 4
STAGE I CONSTRUCTION
TOWNS OF LYNDON-BARTON
PROJECT I-91-3(11)
SECT. 1
1798+00 NB TO STA. 1813+00 NB
1798+00 SB TO STA. 1813+00 SB
Sheet No. 76 of 155 Sheets
BLAIVELT ENGINEERING CO. ORLEANS, VERMONT

65

Trimming Timber Curb Item 585"
N.B. 1813+00 - 1820+20 Lt.
S.B. 1813+00 - 1817+00 Lt.

Three Cable Guard Rail with Light Steel Posts, Item 523K
N.B. 1813+00 - 1822+32 Lt.
S.B. 1813+00 - 1817+66 Lt.

Stone Fill for Slope Protection
(Light Type) Item 611
N.B. 1813+00 - 1819+50 Rt. - 2' High
S.B. 1813+00 - 1815+50 Lt. - 2' High
S.B. 1813+00 - 1818+60 Rt. - 2' High
N.B. 1819+50 Lt. 10'x4'

Demolition & Disposal of Building, Item 598 S.B. 1828+80 Rt.

Plank Guard Rail - Item 570
S.B. 1825+90 Lt. - Length = 16'

Property Line Fence with Steel Posts (Mod.), Item 583-II
S.B. 1813+00 - 1819+00 Lt.
N.B. 1813+00 - 1824+00 Rt.

Drilling & Blasting of Solid Rock Subgrade, Item 115
S.B. 1819+25 - 1829+00
N.B. 1821+25 - 1825+00

S.B. 1813+10
196' Lt.

S.B. 1814+50 Lt. New 12"ø C.M.P.-16ga or C.A.C.P.-16ga.

S.B. 1816+00 Rt.-Lt. New 10"ø C.M.P.-16ga

P.O.T.-1817+69.44

DITCHING

S.B. 1819+50 Lt. Special Ditch, Item 106-A

S.B. 1819+50 Rt.-Lt. New 20"ø R.C.P. Class III

P.O.T.-1824+39.67

DITCHING

S.B. 1825+00 Lt. Special Ditch, Item 106-A

S.B. 1825+00 Rt.-Lt. New 24"ø R.C.P. Class III

S.B. 1828+36
179' Lt.

S.B. 1829+00
200' Lt.

S.B. 1823+30
98' Lt.

POULIN PULPWOOD INC.

SIMPSON

GRAVEL ROAD

P.B.M. LD 26
U.S. ELEV. 1793.51

THOMPSON

P.L. LUSSIER

LUSSIER

Top 1-2 slope

Top 1-2 slope

Exist. Log. Pipe Line (Abandoned)

Farr Rock Lined Pond Spring

TOWN TRAIL

S.B. 1825+92
96' Lt.

SOUTHBOUND ROADWAY

N06°-05'E

1813 1814 1815 1816 1817 1818 1819 1820 1821 1822 1823 1824 1825 1826 1827 1828

2'-6" Hubs

3.16' Hub 3.07'

Hub 4.01'

55-3

67-H

59C

Well

59B

DIRT ROAD

N.B. 1817+00 Lt. New 12"ø C.M.P.-16ga or C.A.C.P.-16ga

N.B. 1814+60 Lt. New 12"ø C.M.P.-16ga or C.A.C.P.-16ga

Boulder

56

N.B. 1819+50 Lt.-S.B. 1819+50 Rt. Special Ditch Item 106-A

N.B. 1822+19
118' Lt.

N.B. 1825+75 Lt.-Rt. New 6'-6" Fine Type A

N.B. 1825+75 Lt.-Rt. New 6'-6" Fine Type A

LUSSIER ROAD

640'

640'

NORTHBOUND ROADWAY

N06°-05'E

BM #75

6" Stump 1.5'

4" Cedor

High Point

5.23'

18" Cedar 9.55'

13" Spruce 3.73'

18" Spruce 19.52'

Boulder

10" Cedar 10.16'

10" Cedar 6.68'

3" Cherry 1.07'

14" Birch 6.32'

6" Birch 6.53'

BM #76 High Point + Boulder

12" Pine 12.66'

12" Pine 6.37'

12" Spruce 11.13'

2'-2" Hubs

Fence Trace

DIRT ROAD

Top 1-2 slope

N.B. 1821+18
132' Rt.

56A

CONTROL OF ACCESS COMPLETE ON THIS SHEET

N.B. 1820+23
250' Rt.

BM. 75
U.S. ELEV.
1797.72

BM. 76
U.S. ELEV.
1852.69

CONTRACT NO. 4
STAGE I CONSTRUCTION
TOWNS OF LYNDON-BARTON
PROJECT I-91-2(16)
SECT.

SCALE IN FEET

Sheet No. 77 of 151 Sheets

LAWYER ENGINEERING Co. BURLINGTON, VERMONT

* Denotes Stage II Construction

MATCH LINE SEE SHEET 76

66

Three Cable Guard Rail with Light Steel Posts, Item 538 ft

NB 1842+40 To 1849+00 RT
NB 1840+04 To 1844+00 Lt
SB 1835+54 To 1840+98 LT
SB 1837+92 To 1843+36 Rt

Treated Timber Curb Item 550 ft

NB 1841+50 To 1844+00 Lt
SB 1836+00 To 1840+50 Lt

Drilling & Blasting of Solid Rock Subgrade, Item 115
SB 1829+00 - 1835+50
NB 1829+00 - 1840+75

Property Line Fence with Steel Posts (Mod.), Item 613.11
SB 1829+00 - 1844+00 Lt
NB 1827+00 - 1844+00 Rt

Stone Fill for Slope Protection (Light Fill, 10) Item 612
NB 1841+40 - 1845+00 Rt. - 2' High
NB 1836+50 Lt - SB 1835+50 Rt - Special Ditch
NB 1842+00 Lt. 10' Lt

GRAVEL - ROAD T-3
S.B. 1829+00 200' Lt.
POULIN PULPWOOD INC.
ROY
P.C. = 1832+14.97
P.O.C. = 1835+00.00
SB 1835+50 Rt New 30" CM ACCOMP, 14.9'
SB 1837+00 Rt - 1837+42 Rt Special Ditch, Items 104.14
P.O.C. = 1840+50.00
1840+50 Rt 24" CMP 16.5' NB 1840+50 Lt 24" CMP 16.9'
P.O.C. = 1843+00.00
NB 1843+50 Rt New 30" CM ACCOMP, 14.9'
1714'
DIRT ROAD
DR
Top 1:2 Slope
SOUTHBOUND
N 06° - 05' E
ROADWAY
1829 1830 1831 1832 1833 1834 1835 1836 1837 1838 1839 1840 1841 1842 1843
4" Hub 2.61'
4" Hub 3.56'
14" Spruce 1.96'
5" Spruce 2.62'
5.37'
15" Cherry 6.35'
10" Fir 32.04'
6.72'
12" Fir 10.51'
3" Maple 14.86'
2'x2' Hub
6" Oak
18" Spruce
3.51'
S.B. 1829+48 194' Rt.
55-B
59A
67-H
300'
DIRT ROAD
FENCE TRAIL
NB 1835+50 - 1837+50 Lt New 6" x 100' Pipe, Type II
NB 1838+00 - 1838+50 Lt New 6" x 50' Pipe, Type II
NB 1839+00 - 1839+45 Lt New 6" x 16' Pipe, Type II
NB 1841+50 - 1842+75 Lt New 6" x 86' Pipe, Type II
B.M. #78 Spike in Tree Root
4" Maple 8.02'
8" Birch 20.56'
6" Fir 14.11'
6" Spruce 3.75'
8" Spruce 10.63'
8" Spruce 2.37'
4" Maple 6.39'
4" Maple 8.97'
12" Spruce 15.65'
16" Birch 15.61'
4" Fir 7.56'
12" Maple 8.96'
12" Maple 1.90'
6" Birch 17.50'
6" Fir 4.65'
5" Spruce 3.02'
5" Spruce 13.89'
3" Maple 9.91'
NORTHBOUND
Notch
Chiseled Square on Boulder
B.M. 77 U.S. ELEV. 1857.97
B.M. 78 U.S. ELEV. 1853.51
P.O.T. = 1830+44.28
P.O.T. = 1835+00.00
P.O.T. = 1838+50.00
P.O.T. = 1843+00.00
NB 1835+50 - SB 1836+50 Rt Special Ditch, Items 104.14
NB 1835+50 - 1838+50 Lt New 30" CM ACCOMP, 14.9'
Spring
Top 1-2 Slope
NB 1838+50 - 1839+00 Lt New 6" x 50' Pipe, Type II
NB 1839+00 - 1840+50 Lt New 6" x 150' Underdrain, Type II
NB 1843+00 - 1843+50 Lt New 6" x 108' ACCOMP, 14.9'
FBM. LS-27 U.S. ELEV. 1837.17
Bronze Disc in Conc. Post
CONTROL OF ACCESS COMPLETE ON THIS SHEET
CONTRACT NO. 4
STAGE 1 CONSTRUCTION
TOWNS OF LYNDON-BARTON
(14)
N 1844+00 NB
1835+00 SB
Sheet No. 13 of 155 Sheets
ELAUVELT ENGINEERING CO. BURLINGTON, VERMONT
(4361)
67

Treated Timber Curb
Item 558 *

NB 1844+00 To 1854+50 LT

SB 1852+00 To 1859+00 LT.

Property Line Fence with Steel Posts (Mod), Item 583-II
SB 1844+00 – 1858+00 LT.
NB 1844+00 – 1859+00 RT.

Stone Fill for Slope Protection
(Light Type) Item 512
NB 1844+00 -1847+00 Rt - 2' High
SB 1858+50 LT 10'x5'
SB 1848+00 -1849+00 LT - 2' High

Plant Guard Rail Item 611
SB 1853+45 Lt - Length=16'

Stone Fill for Slope Protection
(Heavy Type), Item 511
SB 1853+04 LT 25'x17'
NB 1849+50 LT 25'x17'

Three-Cable Guard Rail with Light Steel Posts, Item 538 *

NB 1844+00 To 1854+75 LT.
NB 1844+00 To 1852+32 Rt
SB 1852+00 To 1859+00 LT.
SB 1852+50 To 1854+90 RT
SB 1857+50 to 1859+00 Rt

Demolition & Disposal of Building Item 526
SB 1853+60 Rt
NB 1853+50 Rt.
SB 1853+12 Lt.

Riprap (Heavy Type) - Item 513-A
NB 1849+38 - 1847+64 LT
NB 1847+78 - 1847+88 RT
SB 1852+71 - 1853+26 LT
SB 1853+29 - 1853+56 Rt.

"SB"
Δ = 02°58'-55" Lt.
Dec 0°15'-00"
R = 22918.31
T = 1338.13
Lc = 2782.78
E = 42.61

SB 1846+25
200' Lt.

POWER ROY

1719'

P.O.C. 1848+00.00

P.O.C. 1841+50.00

Channel Line 1
P.O.T. 0+00.0
4" Walnut 5.67'

14" Birch 25.41'

P.O.C. 1852+00.00

P.O.C. 1855+00.00

SB 1853+04 Lt. New 18" CGMP, 16 ga
SB 1853+43 Rt. New 24" CGMP, 16 ga

SB 1857+50 Lt. New 18" CGMP, 16 ga

P.O.C. 1865+00.00

SB 1857+40 Lt. New 24" CGMP, 16 ga

SB 1858+50 Lt. New 24" CGMP, 16 ga

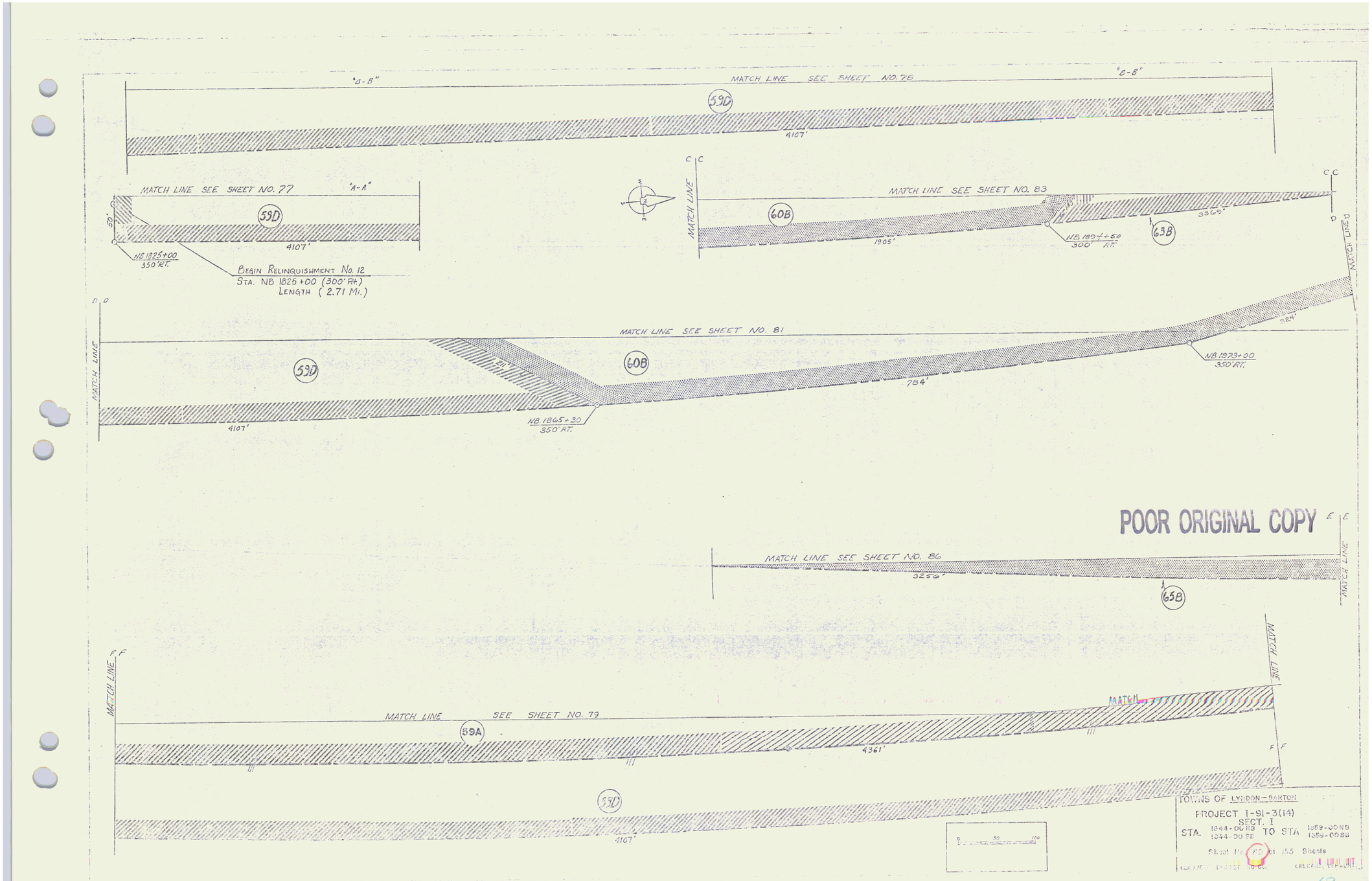
SB 1858+50 Rt. New 6'-0" x 4'-0" CGMP, 16 ga

SB 1857+40 Lt. New 24" CGMP, 16 ga

SB 1857+40 Lt. New 24" CGMP, 16 ga

SB 1858+50 Lt. New 24" CGMP, 16 ga

SB 1858+50 Rt. New 6'-0" x 4'-0



POOR ORIGINAL COPY

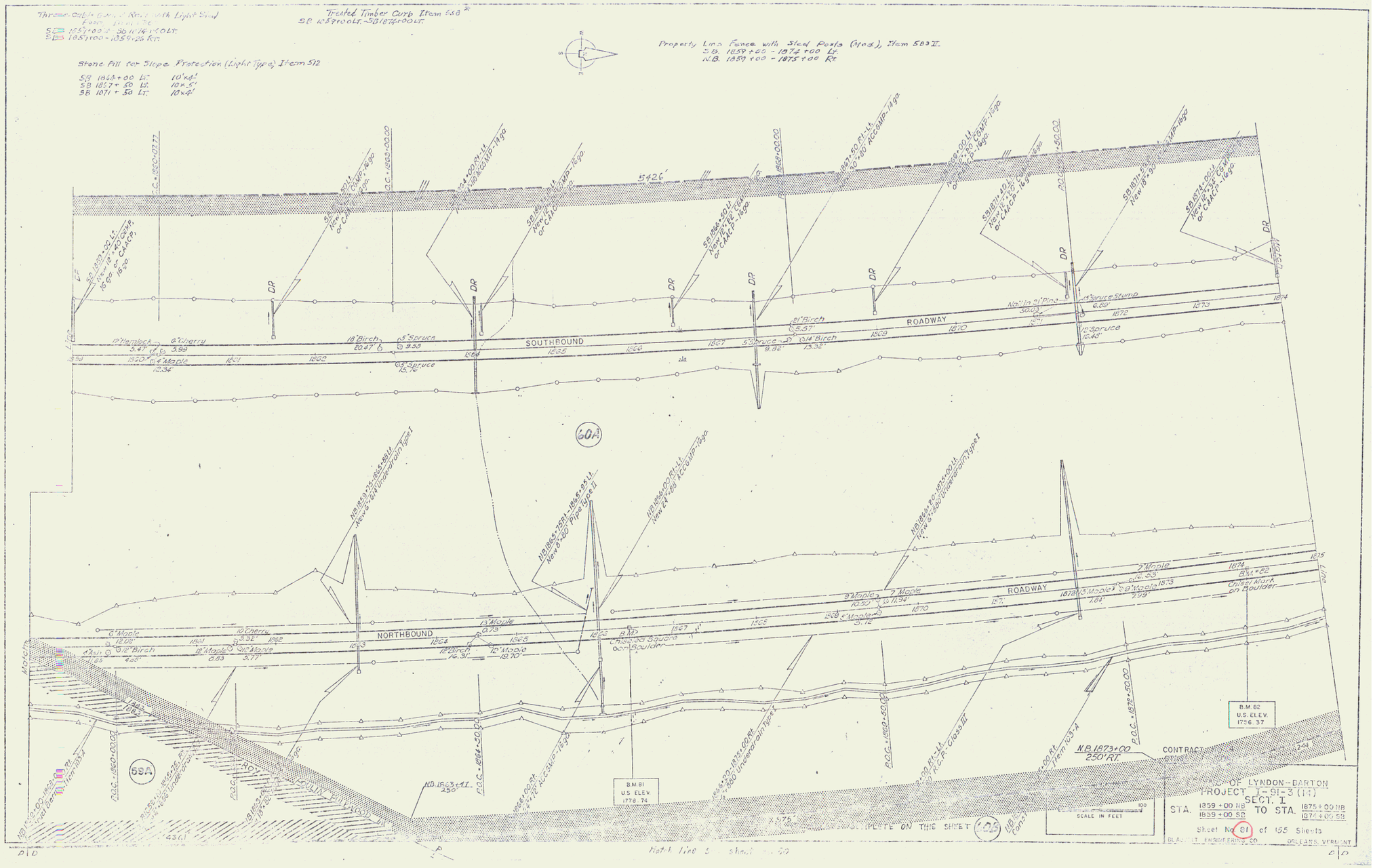
69

Three Cable Guard Rail with Light Steel Posts, Item 613.2
SB 1857+00 - 1836+26 Lt.
SB 1857+00 - 1859+26 Rt.

Treated Timber Curb Item 558
SB 1859+00 Lt. - SB 1874+00 Lt.

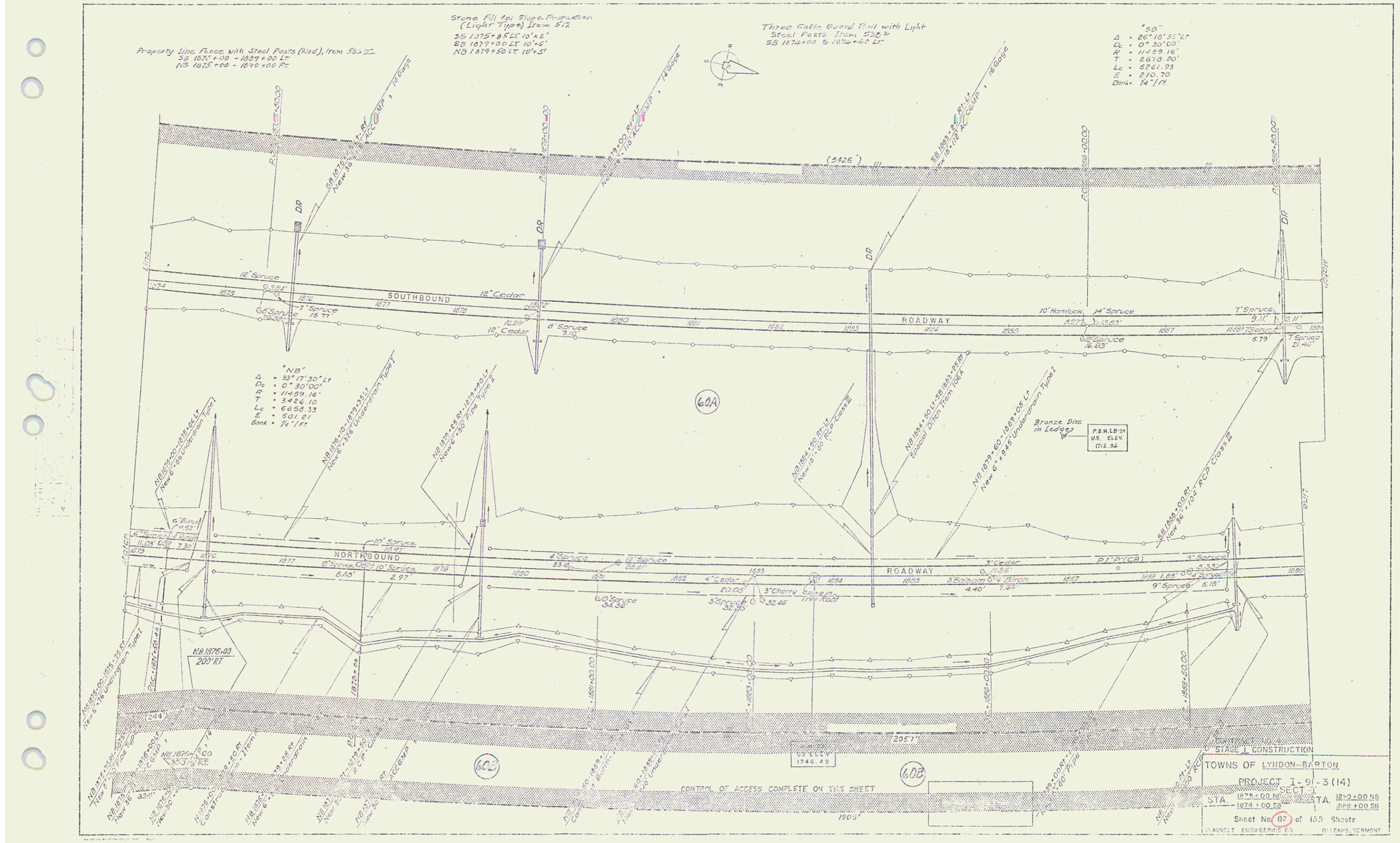
Property Line Fence with Steel Posts (Mod.), Item 583 II.
S.B. 1858+00 - 1872+00 Lt.
N.B. 1859+00 - 1875+00 Rt.

Stone Fill for Slope Protection (Light Type), Item 512
SB 1842+00 Lt. 10'x8'
SB 1857+50 Lt. 10'x5'
SB 1871+50 Lt. 10'x4'



Match Line Sheet No. 80

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Property Line Fence with Steel Posts (Mod), Item 613.31
SB 1871+00 - 1889+00 Lt.
NB 1875+00 - 1870+00 Rt.
Stone Fill for Slope Protection (Light Type) Item 512
SB 1875+85 Lt. 10'x6'
SB 1879+00 Lt. 10'x6'
NB 1879+50 Lt. 10'x5'
Three Cable Guard Rail with Light Steel Posts Item 630.2x
SB 1874+00 to 1874+40 Lt.
"SB"
Δ = 26° 18' 32" Lt
Dc = 0° 30' 00"
R = 11459.16'
T = 2679.80'
Lc = 5261.93
E = 270.70
Bank = ¼"/Ft.
"NB"
Δ = 33° 17' 30" Lt
Dc = 0° 30' 00"
R = 11459.16'
T = 3426.10
Lc = 6658.33
E = 501.21
Bank = ¼"/Ft
SOUTHBOUND ROADWAY
NORTHBOUND ROADWAY
(5426')
(2051')
(1905')
(244')
60A
60B
60C
CONTROL OF ACCESS COMPLETE ON THIS SHEET
Bronze Disc in Ledge
P.B.M. LB-29 U.S. ELEV. 1712.74
U.S. ELEV. 1746.49
STAGE I CONSTRUCTION
TOWNS OF LYNDON-BARTON
PROJECT I-91-3(14) SECT 1
STA. 1874+00 NB to 1874+00 SB
STA. 1849+00 NB to 1849+00 SB
Sheet No. 82 of 155 Sheets
H. LAWYER ENGINEERING CO. ORLEANS, VERMONT

71

Stone Fill for Slope Protection (Light Type) Item 512
SB 1895+50 - 1898+50 Lt. Special Ditch
SB 1898+50 - 1902+00 Rt. Special Ditch
NB 1894+50 - 1904+00 Rt. 2' high

Stone Fill Energy Dissipator (Heavy Type) Item 511
SB 1898+50 Rt.

Property Line Fence with Steel Posts (4'6"), Item 583-II.
SB 1887+00 - 1904+00 Lt.
NB 1870+00 - 1905+00 Rt.

Three Cable Guard Rail w/Light
Steel Posts Item 606
SB 1895+00 - SB 1897+76 Lt.
SB 1878+00 - SB 1899+76 Rt.

Rip Rap (Heavy Type) Item 613A
SB 1898+50 Lt.
SB 1898+50 Rt.

SB 1895+60 - SB 1898+50 Lt.
Special Ditch, Item 108C

New 36"x58 Lt. & Rt. CSMPP
Top Slope - 3' Bottom gage 10

SB 1901+35
200'

POULIN PULPWOOD ENG.
GAUDREAU

(26.79')

(5426)

Channel Line 3
P.O.T. 0+00.0

6" Elm
20.76'

12" Pine
17.00'

4" Tamarack
27.94'

SB 1898+50
P.O.T. 1+50.0

Cross on Rock
1898 7.38'

7" Spruce
11.68'

8" Spruce
9.45'

6" Spruce
21.43'

SOUTHBOUND

6" Cherry
19.30'

6" Cherry
N 6.77 Ch.

12" Cherry
38.30'

Boulder

Hub & Tack
3.31'

Hub & Tack
3.83'

Tamarack
6.36'

Woods

Poulin Pulpwood Eng.
Gaudreau

SB 1898+60 Rt. SB 1904+00 Lt.
New Special Ditch Item 108C

3" Locust
11.19'

7" Balsam 1903
30.02'

7" Birch
23.17'

High Point
on Boulder

4" Locust
5.22'

6" Spruce
20.36'

7" Balsam
14.11'

ROADWAY

5" Poplar
20.55'

NORTHBOUND

10" Spruce 1895
14.74' D 10.5

6" Spruce
6.71'

38" Spruce
18.57'

10.5 Spruce
1894

Spike in Stump

12" Ash
19.45'

Boulder

Match

Line

Poulin Pulpwood Eng.
Gaudreau

BM 84

"C057"

1200'

CONTROL OF ACCESS COMPLETE ON THIS SHEET

3791'

3369'

N 68° 30' E

BM 85

MATCH LINE SEE SHEET NO. 60

60A

61

61A

63B

CONTRACT NO. 4
STAGE I CONSTRUCTION
TO WIDEN AND RECONSTRUCT
PROJECT I-91-3 (14)
SECT. I
STA. 1890+00 NB TO STA. 1903+00 NB
1889+00 SB 1904+00 SB
Sheet No. 63 of 155 Sheets
JAMES A. HAYES ENGINEERS, INC. BRATTLEBORO, VERMONT

72

Three Cable Guard Rail with Light Steel Posts, Item 536 *
NB 1917+02 Lt. - NB 1920+00 Lt.
NB 1912+98 Rt. - NB 1919+78 Rt.
SB 1915+92 Lt. - SB 1920+00 Lt.
SB 1911+00 Rt. - SB 1920+00 Rt.
NB 1911+30 Lt. - NB 1913+22 Lt.

Property Line Fence with Steel Posts (Mod), Item 583-II
SB 1904+00 - 1920+00 Lt.
NB 1905+00 - 1920+00 Rt.

Traffic Traffic Curb, Item 538 *
NB 1913+74 - 1919+50 Rt.
SB 1915+92 - 1920+93 Lt.
SB 1916+00 - 1920+00 Rt.

Stone Fill For Slope Protection (Light Type) Item 512
SB 1904+00 - 1907+00 Lt. Special Ditch
NB 1911+22 - 1912+40 Lt. Special Ditch
NB 1914+50 - 1920+00 Rt. Special Ditch

Stone Fill Energy Dissipator (Heavy Type) Item 511
NB 1914+21 Rt.

Rip-Rap (Heavy Type) Item 513A
NB 1912+38 - 1912+97 Lt.
NB 1913+67 - 1914+37 Rt.

SB 1908+00 10.0 Lt. New 18" x 96' RCP Class III

P.O.T. 1908+00.00

P.O.T. 1910+50.00

(2679')

P.B.M. LB:30 U.S. ELEV. 1615.69

Bronze Disc in Boulder

EQUALITY

P.O.T. 1916+69.70 Back = 1656.11 Ahead (186.41')

SB 1919+02.04 New 18" x 36' RCP Class III

SB 1919+50 Lt. New 18" x 24' ALCMP

1930

MARCH

SOUTHBOUND ROADWAY N 27°-13' W

1904 1905 1906 1907 1908 1909 1911 1912 1915 1916 1917 1918 1919 1920

10" Fir 6.66'
3" Spruce
6" Spruce 85.64'
3" Cedar 8.74'
12" Spruce 6.00'
6" Birch
4" Cedar 8.03'
7" Birch 11.66'
11" Fir 5.47'
17" & 6" Fir 7.60'
11" Balsam 6.92'
67" Spruce 81.64'
11.10'

Channel Line 4 P.O.T. 0+00.0
3" Pine 2.98
5" Pine 12.33'
4" Pine 5.13
Creek
March Line

SB 1904+00 - 1907+00 Rt. Special Ditch Item 708 C

NB 1911+22 Lt. NB 1912+48.15 New 36"x60" RCP Item 703 C

63A

250'

NB 1913+20 P.O.T. 3+59.0 45° R.E.W. 38+00' Rt.
5" Walnut

6" Fir 8.55'
Large Rock
3" Locust 37.00'
NORTHBOUND
6" Fir 3.90'
12" Cherry 8.11'
5 Balsam 26.94'
6" Balsam 28.76'
Large Rock
Spike Elm
5" Pine 9.99
4" Pine 5.55
1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920

Large Rock

March Line

P.O.T. 5+30.0
4" Pine 1.76
10" Pine 2.42
Double 6" Tamarack 18.30
Creek

P.O.T. 1905+00.00

P.O.T. 1910+50.00

(3791')

BM 86 U.S. ELEV. 1611.47

63B

365'

1912+48.15 NB 12" CMP 75.2 ft 12 GA. 16 GA. 80 ft

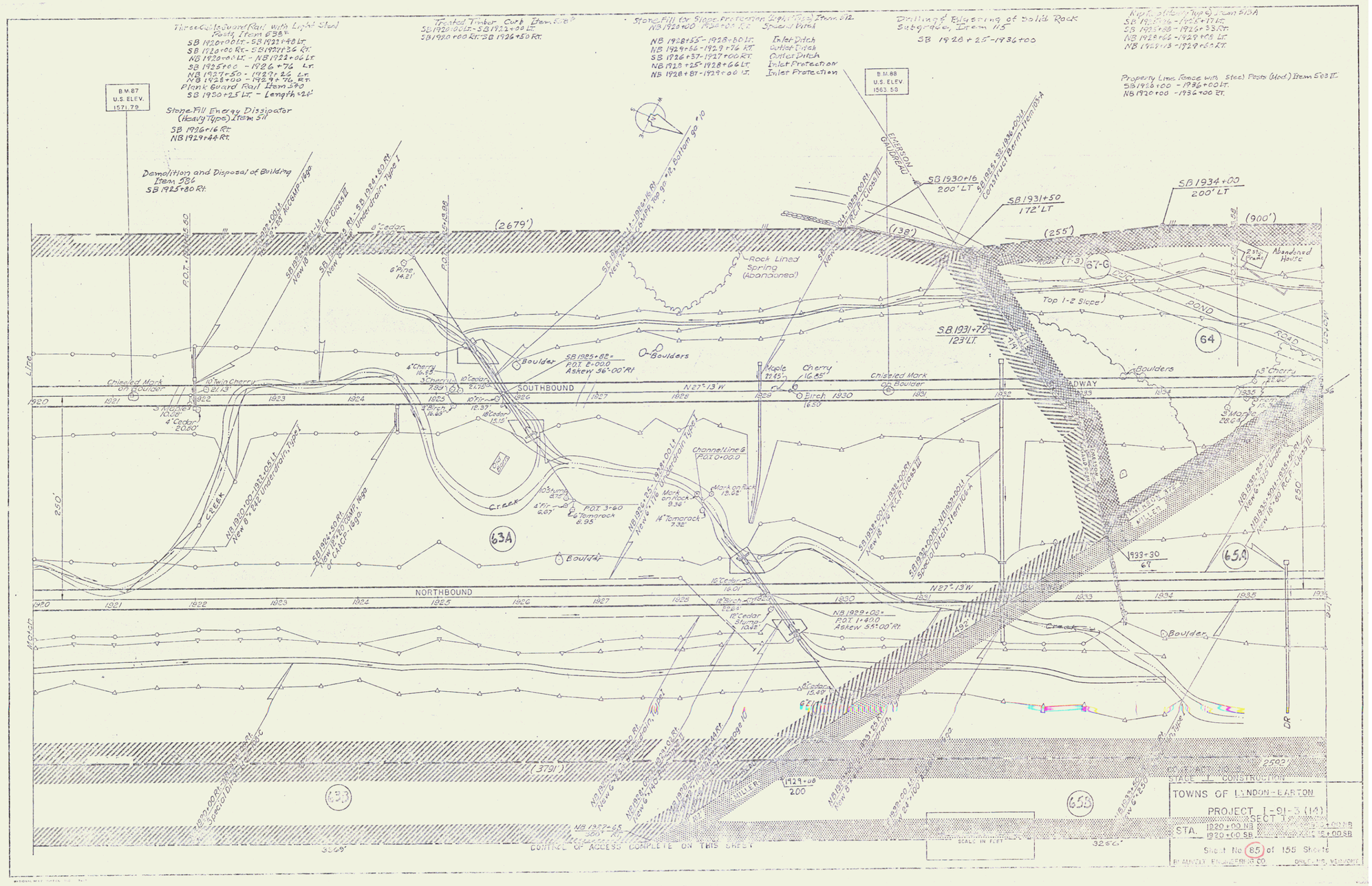
Remove 36" RCP - Approx. 100 ft Install 36" CMP 150 ft

NB 1913+20 150 ft 16 GA. Underdrain Type 2

NB 1913+20 Temp. 16" CMP 16.9 ft

CONTRACT NO. A
STAGE I CONSTRUCTION
TOWNS OF LYNDON-BARTON
PROJECT I-91-3(14)
STA. 1905+00 NB 1920+00 NB
1904+00 SB 1920+00 SB
Sheet No. 84 of 155 Sheets
ELEANOR E. ELPHICK & CO. COLEAU, VERMONT

73


Three Cable Guard Rail with Light Steel Posts, Item 638
SB 1920+00 Lt. - SB 1922+90 Lt.
SB 1920+00 Rt. - SB 1922+36 Rt.
NB 1920+40 Lt. - NB 1922+06 Lt.
SB 1925+00 - 1926+76 Lt.
NB 1927+50 - 1929+26 Lt.
NB 1928+00 - 1929+76 Rt.
Plank Guard Rail Item 640
SB 1930+25 Lt. - Length 42'
Stone Fill Energy Dissipator (Heavy Type) Item 511
SB 1926+16 Rt.
NB 1929+44 Rt.
Demolition and Disposal of Building Item 206
SB 1925+80 Rt.
Treated Timber Curb Item 609
SB 1920+00 Lt. - SB 1922+90 Lt.
SB 1920+00 Rt. - SB 1926+50 Rt.
Stone Fill for Slope Protection (Light Type) Item 512
NB 1920+00 - 1924+25 Lt. Special Detail
NB 1928+55 - 1928+80 Lt. Inlet Ditch
NB 1929+86 - 1929+96 Rt. Outlet Ditch
SB 1926+37 - 1927+60 Rt. Outlet Ditch
NB 1928+25 - 1928+66 Lt. Inlet Protection
NB 1928+87 - 1929+06 Lt. Inlet Protection
Drilling & Blasting of Solid Rock Subgrade, Item 115
SB 1928+25 - 1936+00
Property Line Fence with Steel Posts (Med.) Item 603 II
SB 1926+00 - 1928+00 Lt.
NB 1920+00 - 1936+00 Rt.
B.M. 87 U.S. ELEV. 1571.79
B.M. 88 U.S. ELEV. 1563.53
EMERSON GOULDBEAU
SB 1930+16 200' LT
SB 1931+50 172' LT
SB 1934+00 200' LT
SB 1931+79 123' LT
SB 1925+82 = P.O.T. E-00.0 Askew 36°-00' Rt.
NB 1928+00 = P.O.T. 1+40.0 Askew 54°-00' Rt.
Rock Lined Spring (Abandoned)
Abandoned House
Top 1-2 Slope
POND
ROAD
Boulders
Chiseled Mark on Boulder
SOUTHBOUND
NORTHBOUND
N27°-13'W
Channel Line G P.O.T. 0+00.0
Mark on Rock
Creek
(2679')
(3791')
(38')
(255')
(900')
67-C
64
63A
63B
65A
65B
TOWNS OF LYNDON-BARTON
PROJECT I-91-3(14)
SECTION
STA. 1920+00 NB 1920+00 SB
Sheet No. 85 of 155 Sheets
BEANCRAFT ENGINEERING CO. ORLEANS, VERMONT

74

Treated Timber Curb
Item 538 ft
NB 1949+00 – 1952+00 LT
SB 1948+50 – 1950+00 LT

Three-Cable Guard Rail with Light Steel Posts, Item 538 ft
NB 1949+00 - 1952+00 LT
NB 1949+00 - 1952+00 RT
SB 1948+50 - 1952+00 RT
SB 1949+18 - 1952+00 LT

Drilling & Blasting of Solid Rock Sub-grade
Item 115
SB 1936+30 - 1945+15
NB 1927+00 - 1943+50

Construct U-Turn Median Opening
SB 1942+00 RT - NB 1942+00 LT

Stone Fill for Slope Protection
(Light Rip-Rap) Item 512
SB 1942+00 RT 10'+ ft
NB 1944+00 RT 10' ft
SB 1951'+66 – 1951+88 LT - Inlet Ditch

Property Line Fence with Steel Posts (Mod.) Item 613 II
SB 1948+00 - 1952+00 LT
NB 1952+00 - 1952+00 LT

B.M. 69
U.S. ELEV.
1546.77

KAUFFMAN

(900')

1519'

Top 1-2 Slope

SB 1935+50 - 1936+50 Rt.
8'x 60' R.C.P. Class III

SB 1936+00 - 1937+50 Lt.
8'x 60' R.C.P. Class III

SB 1942+99
200 Lt.

SB 1941+00 - 1942+00 Rt.
New 24"x 60' R.C.P. Class III

SB 1935+00 - 1937+35 Lt.
Construct Berm, Item 103 A

SB 1935+75 - 1936+75 Rt.
New 6' x 6' Underdrain, Type I

SB 1936+00 - 1936+00 Rt.
New 18"x 68' R.C.P. Class III

SB 1936+00 - 1937+50 Lt.
New 30" x 25' A-CCMP 14 ga.

SB 1936+00 - 1937+50 Lt.
Special Ditch, Item 104 A

SB 1937+50 - 1938+00 Lt.
Special Ditch, Item 104 A

SB 1936+75 - 1938+80 Rt.
New 6'x 2'6" R.C. Type II

SB 1938+00 - 1938+00 Rt.
New 18" R.C.P.

ROCK 1951+00 Lt.

8' Birch
12.00'

12" Maple
15.22'

18" Maple
18.06'

Top 1-2 Slope

SB 1936+37 - 1937+50 Lt.
2.0'

P.O.T. 1937+50 Lt.

6' Poplar

7" Poplar
17.72'

N 27° 13' W

6" Maple 1938

SOUTHBOUND

Chiseled Mark on Boulder
0.1.66

3' Birch

3' Willow
12.11'

P.O.T. 1942+15 Rt.

Chiseling
66.68

ROADWAY

1500 Spruce
18.65'

8" Maple 8.10

8" Maple
5.37'

6" Spruce
17.01'

15" Maple
34.36'

4" Poplar
in 86'

Bronze Disc
in Bedrock

P.B.M. 1.B.31
U.S. ELEV.
1541.79

64

65A

66A

67-G

NB 1935+00 - 1937+35 Lt.
New 6' x 6' Underdrain, Type I

SB 1937+00 - 1938+00 Rt.
New 8'x 68' R.C.P. Class III

NB 1944+17
31' Lt.

NB 1944+25 - 1948+00 Lt.
New 6' x 6' Underdrain, Type I

R=265'

R=285'

30'

SB 1951+12 Lt.
New 12"x 28' Corr. Iron or CMAP, 16 ga.

SB 1951+88 - 1952+80 Lt.
New 66" x 80' CCMP, 8 ga. Spiral

MILLER

EMERSON

KAUFFMAN

Spring Root

Morgan

NB 1935+00 - 1937+35 Lt.
New 6' x 6' Underdrain, Type I

SB 1935+50 - 1936+50 Rt.
8'x 60' R.C.P. Class III

NB 1936+00 - 1937+50 Lt.
New 6' x 6' Underdrain, Type I

SB 1936+00 - 1937+50 Rt.
8'x 60' R.C.P. Class III

NB 1936+00 - 1937+50 Lt.
New 18" x 60' R.C.P. Type I

SB 1936+00 - 1937+50 Rt.
8'x 60' R.C.P. Class III

NB 1944+00 - 1944+05
8' x 40' R.C.P.

NB 1944+05 - 1944+20
8' x 24'20 R.C.P.

SB 1944+00 - 1944+20
8'x 40' R.C.P.

NB 1944+20 - 1944+40
8'x 40' R.C.P.

SB 1944+20 - 1944+40
8'x 40' R.C.P.

NB 1944+40 - 1944+60
8'x 40' R.C.P.

SB 1944+40 - 1944+60
8'x 40' R.C.P.

NB 1944+60 - 1944+80
8'x 40' R.C.P.

SB 1944+60 - 1944+80
8'x 40' R.C.P.

NB 1944+80 - 1945+00
8'x 40' R.C.P.

SB 1944+80 - 1945+00
8'x 40' R.C.P.

DR. 1951+80 Rt.
New 8" x 16' Pipe, Type II

Three Cable Guard Rail with Light Steel Post, Item 606 K
SB 1951 +00 - 1955 +50 LT
SB 1952 +00 - 1957 +50 RT
NB 1952 +00 - 1957 +50 LT
NB 1952 +00 - 1961 +50 LT

Removal of Ex. Cont. Superstructure, Item 442
NB 1955 +60 RT

Treated Timber Curb, Item 558 K
NB 1952 +00 - 1959 +50 LT
SB 1952 +00 - 1958 +00 LT

Stone Fill for Slope Protection (Heavy Type), Item 511
SB 1952 +80 RT 20'x11'
NB 1955 +45 RT 20'x11'

Riprap (Heavy Type), Item 513 A
SB 1951 +74 - 1952 +07 LT
SB 1952 +64 - 1952 +13 Rt
NB 1951 +00 - 1951 +16 LT
NB 1955 +26 - 1955 +5 Rt

Stone Fill for Slope Protection (Light Type) Item 512
NB 1953 +90 - NB 1954 +08 Lt Special Ditch
SB 1953 +00 - 1957 +50 LT 2' high
NB 1955 +45 - NB 1957 +00 Rt Special Ditch

"SB"
Δ = 45° 22' - 20" Lt
Dc = 0° - 45' - 00"
R = 7639.44
T = 3115.44'
Lc = 6916.31'
E = 610.83'
Bnk = .4'/ft.

Property Line Fence with Steel Posts (4 wire), Item 613-1
SB 1957 +00 - 1959 +50 Lt
NB 1952 +00 - 1959 +50 Rt

SB 1962+00 - 1959+50 Lt
Special Ditch, Item 605-A

SB 1956+00 Lt
New 6"x16" CMP 16 ga
or CMCP, 16 ga

SB 1954+00 Lt
New 24" CMP 16 ga
or CMCP, 16 ga

SB 1952+00 Lt
New 24" CMP 16 ga
or CMCP, 16 ga

(1619')

P.O.T. 1953+00.00

SB 1959+50
200 LT

END CONTRACT 4
SB 1959 + 50

BEGIN CONTRACT 5
SB 1959 + 50

SB 1960+00 Lt
New 18" CMP 16 ga

SB 1960+00 Rt
New 24" CMP 16 ga

P.O.T. 1962+00.00

SB 1962+00 Rt
New 18" CMP 16 ga

SB 1962+00 Rt - 1966+25 Lt
New 24" CMP, Type II

SB 1964+50
269' LT.

D. BRUCE KAUFFMAN

496'

SB 1965+00 Lt - 1967+00 Lt
New 6" x 150 Underdrain, Type I

SB 1965+75 Lt - 1967+25 Rt
New 6" x 150 Underdrain, Type I

SB 1965+00 - 1967+00 Lt
Property Line Fence with Steel Posts (4 wire), Item 613-A

SB 1965+67

TOWN OF GROVETON

Property Line Fence with Steel Posts (4 wire), Item 613-A
SB 1957 +00 - 1959 +50 Lt
NB 1952 +00 - 1959 +50 Rt

SB 1965+00 - 1967+00 Rt
New 6" x 150 Underdrain, Type I

SB 1965+75 - 1967+25 Rt
New 6" x 150 Underdrain, Type I

SB 1965+00 - 1967+00 Rt
Property Line Fence with Steel Posts (4 wire), Item 613-A

SB 1965+67

TOWN OF GROVETON

Woods

Boulder

SOUTHBOUND ROADWAY

10" Cedar 31.0 Ct
12" Spruce 16.6 Ct
11" Spruce 20.9 Ct
6" Spruce 2.8 Ct
6" Beech 21.4 Ct
5" Maple 12.1 Ct
15.00 Maple
6" Birch 2.8 Ct
4" Maple 15.6 Ct
6" Poplar 8.5 Ct
4" Maple 8.6 Ct
5" Birch 6.4 Ct
3" Birch 7.2 Ct
3" Birch 7.2 Ct

1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968

END RELINQUISHMENT No. 12
STA. NB 1967+42 (182' Rt.)

66A

NB 1956+00 Lt
New 24" CMP 16 ga
or CMCP, 16 ga

NB 1954+00 Lt
New 24" CMP 16 ga
or CMCP, 16 ga

NB 1952+00 Lt
New 24" CMP 16 ga
or CMCP, 16 ga

END CONTRACT 4
NB 1959 + 50

BEGIN CONTRACT 5
NB 1959 + 50

NB 1963+00 Lt
New 24" CMP, 16 ga

SB 1962+00 - 1962+00 Rt
Special Ditch, Item 605-A

4" Beech 12.7 Ct
5" Spruce 18.7 Ct
Rock
5" Maple 11.7 Ct
4" Cherry 4.8 Ct
3" Birch 2.1 Ct
Large Rock

NB 1967+27 NB

NORTHBOUND ROADWAY

5" Spruce 8.4 Ct
14" Spruce 18.0 Ct
6" Birch 5.2 Ct
3" Maple 7.0 Ct
3" Maple 16.2 Ct
6" Maple 2.3 Ct
3" Birch 28.4 Ct

BM #91
Chiseled square on Boulder

N.B. 1967+84 RT.
END R.O.W.
PROJECT I-91-3(14)
SECT. II

P.B.M. L.B-32
U.S. ELEV.
1453.41

Bronze Disc in Conc. Post

6"x10" Loon

NB 1963+25
165' RT.

KAUFFMAN
MILLER

65A

66B

"NB"
Δ = 41° 59' 22" Lt
Dc = 15° 45' 00"
R = 364.11'
T = 139.31'
Lc = 266.90'
E = 26.73'

6" Stump +0
9.4' Ct

8" Fir 19.1' Ct
8" Birch 6.4' Ct

(259')

MILLER

P.O.T. 1955+00.00

NB 1950+00

NB 1962+00
175 RT.

D.M. 91
U.S. ELEV
1463.03

CONTROL OF ACCESS COMPLETE ON THIS SHEET

NB 1953+50

CONTRACT I-91-3(14)
SECTION

TOWNS OF LYNDON-BARTON
PROJECT I-91-3 (14)
SECT. I
STA. 1952+00 NB TO STA. 1959+50 NB
1952+00 SB 1959+50 SB

Sheet No. 87 of 155 Sheets

STATE HIGHWAY ENGINEER

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STATE OF VERMONT

DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

INTERSTATE PROJECT

TOWNS OF LYNDON-WHEELOCK-SHEFFIELD-GLOVER-BARTON

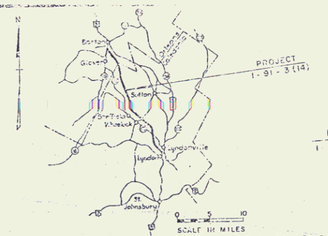
COUNTIES OF CALEDONIA-ORLEANS

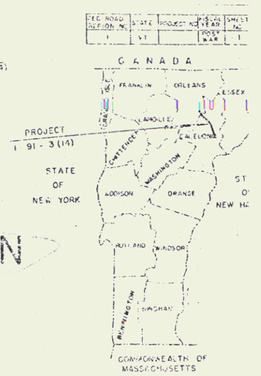
INTERSTATE ROUTE 91

LYNDON-BARTON

LENGTH OF PROJECT SEC. II - 12,824 FEET = 2.429 MILES

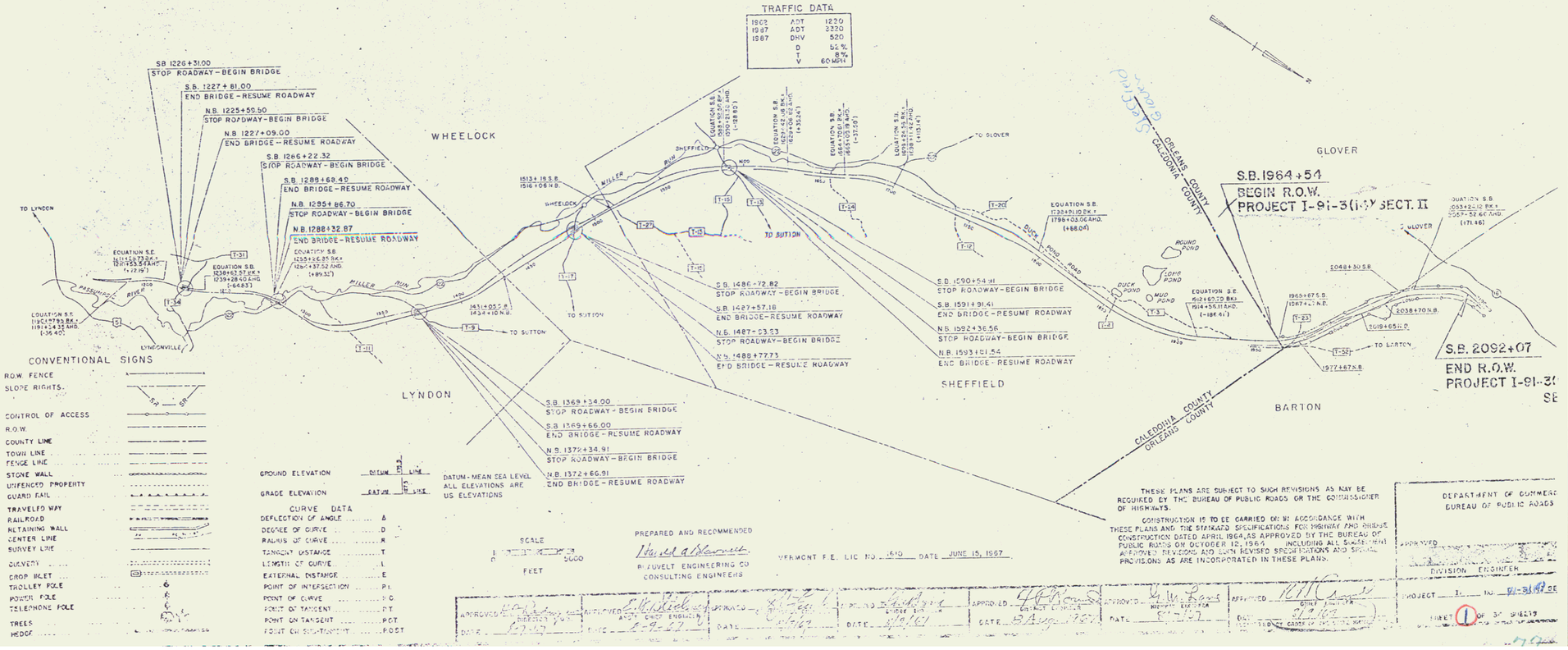
R.O.W. PLANS





FED. ROAD DIVISION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.
1	VT		1968	1

1962	ADT	1220
1987	ADT	3320
1987	DHV	520
	D	55 %
	T	8 %
	V	60 MPH



CONVENTIONAL SIGNS

- R.O.W. FENCE
- SLOPE RIGHTS
- CONTROL OF ACCESS
- 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
- CROP LICET
- TROLLEY POLE
- POWER POLE
- TELEPHONE POLE
- TREES
- HEDGE

GROUND ELEVATION — DATUM — LINE

GRADE ELEVATION — DATUM — LINE

DATUM - MEAN SEA LEVEL
ALL ELEVATIONS ARE US ELEVATIONS

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	P.I.
POINT OF CURVE	P.C.
POINT OF TANGENT	P.T.
POINT ON TANGENT	POT
POINT ON SUB-TANGENT	POST

SCALE
0 1000 2000
FEET

PREPARED AND RECOMMENDED
Harold A Bruvelt
BRUVELT ENGINEERING CO
CONSULTING ENGINEERS

VERMONT P.E. LIC NO. 1610 DATE JUNE 15, 1967

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 OUT 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.

APPROVED — DIRECTOR V.H.D. — DATE 7-7-67	APPROVED — ASST. CHIEF ENGINEER — DATE 7-9-67	APPROVED — DIVISION ENGINEER — DATE 7/10/67	APPROVED — DISTRICT ENGINEER — DATE 24 Aug 67	APPROVED — HIGHWAY ENGINEER — DATE 8-1-67	APPROVED — OTHER — DATE 9/6/67

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED
DIVISION ENGINEER

PROJECT I- IN-91-3(14)SE

SHEET 1 OF 30 SHEETS

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

ALPHABETICAL INDEX

GRANTOR	SHEET NO.	PARCEL NO.
A		
B		
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BROOKS, PAUL W., SR.	7-9	2
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C		
CARRIER, GERARD J. & THERESA S.		4
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D		
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E		
F		
G		
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GRANTOR	SHEET NO.	PARCEL NO.
H		
I		
J		
K		
L		
M		
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N		
O		
P		

GRANTOR	SHEET NO.	PARCEL NO.
Q		
R		
ROLLINS, M. P. & LEAH T.	9	3
S		
SIMONS, OLIN G. & MARION E.	17A	13
T		
TOWN OF BARTON	7	10
TOWN OF GLOVER	7	10
U		
V		
W		
X Y Z		

GRANTOR	SHEET NO.	PARCEL NO.

GRANTOR	SHEET NO.	PARCEL NO.

POOR ORIGINAL COPY

MADE BY C.R.G. DATE 3-7-69
CHECKED BY L.W.B. DATE 3-7-69

PROJECT Lyndon - Barton
NO. 7 91-3(14)
SHEET 44 OF 54

ROW
'78

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

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
1	DARLING, RUSSELL F. & RUTH H.	6,7	SB1964+54	SB2006+75	36.9A±			Cond	12/19/70	Glover	27	296	
		8&9	SB1965+50	SB2006+75		132.9A±							
			NB1967+84	NB1972+94		0.2A±							
			NB1967+50				DRAINAGE (P)						
			NB1971+58	Rt			DRAINAGE (P)						
2	BROOKS, PAUL W., SR.	7,8	NB1972+94	NB2001+60	20.3A±	153.7A±		Cond	11/21/70	Barton	57	521	
		4,9	NB1975+58	Rt			DRAINAGE (P)						
			NB1976+26	Rt			DRAINAGE (P)						
			NB1981+58	Rt			DRAINAGE (P)						
			NB1986+50	Rt			DRAINAGE (P)						
			NB1987+25	Rt			DRAINAGE (P)						
			NB1994+58	Rt			DRAINAGE (P)						
			NB1997+75	Rt			DRAINAGE (P)						
3	ROLLINS, M.P. & LEAH T.	9	NB2001+58	NB2009+65	6.5A±	19.1A±		Cond	12/31/70	Barton	57	522	2 FOUNDATIONS 1 CABIN
4	CARRIER, GERARD J. & THERESA S.	9&10	NB2007+87	SB2020+47	11.8A±	31.0A±		WD	2/2/71	Glover	27	314	
			SB2013+92	SB2020+45			DITCHING (P) & DRAINAGE (P)						
5A	BOUTIN, EDMOND J. & COLLETTE T.	9,10	NB2007+33	NB2032+00	15.9A±			WD	4/2/70	Barton	57	7	BARTON
5B		11,12	NB2021+42	SB2051+61	37.7A±			WD	4/23/71	Glover	27	390	GLOVER
5C		13,14	NB2034+73	NB2038+05	2.5A±			WD	4/2/70	Barton	57	7	BARTON
			NB2041+35	NB2052+05		215.0A±							4 PIECES PARCEL
			SB2043+77	SB2054+07		167.8A±							
			SB2037+67	Lt	SB2028+47		DITCHING & DRAINAGE (P)						
			SB2038+75	Lt			DRAINAGE (P)						
			SB2041+50	Lt			DRAINAGE (P)						
			SB2046+50	Lt			DRAINAGE (P)						
			SB2043+90	Lt			DRAINAGE (P)						
			SB2032+45	Lt			DRAINAGE (P)						

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
1	5,32	DELETED PARCEL #13 / ADDED LOSS OF ACCESS TO PARCEL #5 PER CHANGE ORDER #1380	5-8-69	WJM	T.C.B.
2	3,15 & 16	DELETED PARCEL #12 PER CHANGE ORDER #1460 (STRAW)	25 Sep 69	[illegible]	[illegible]
3	13-16	PARCEL 7A&B CHANGE IN OWNERSHIP FROM BUTLER TO SOULIERE PER CHANGE ORDER No. 1476	12/15/69	R.L.S.	[illegible]
4	17&20	Parcel #13 Deleted parcel 13, per change order # 1527	2-3-70	R.L.S.	W.R.L.
5	13-16	Parcel 7A&B Change in ownership from Souliere to Sumps, Per Change Order #1545	4-29-70	R.L.S.	T.C.B.
6	12	Parcel 4 Added cabin at station NB2032 22 Rt, Per Change Order # 1573	5-19-70	R.L.S.	T.C.B.
7	5,17A	PARCEL #13 REINSTATED THIS PARCEL TO PLANS (THIS RESCINDING C.O. #1527 (REV. #5 ABOVE) PER CHANGE ORDER 1645	8-13-70	WJM	TCB
8	31,39 & 33&34	PROJECT ADDED PRIVATE WATER SERVICE ON CHEROKEE PER CHANGE ORDER # 1648	8-20-70	KMD	TCB
9	5,17A	DELETED PARCEL #13 OLIN G. & MARION E. SIMONS. PER C.O. # 269	9/26/73	KD	TCB
10	5A	PARCEL 4 ADDED OPENINGS ON PLANS PER CHANGE ORDER #2702	10/31/73	KD	TCB

POOR ORIGINAL COPY

MADE BY: S.P.G. DATE 4-10-68

CHECKED BY: [illegible] DATE 4-15-68

4B

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

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
6	CLARK, MALCOLM W. & URSULA W.	12	NB2030+21Rt	NB2036+41Rt	7.2A±	NONE		WD	10/7/70	Barton	55	458	NB2032+22 Rt Cabin
7A	Bumps, Henry L. & Dorothy R.	13,14	SB2053+13	SB2073+37	24.6A±			Cond.	12/21/70	Barton	57	521-522	
7B		15/16	SB2084+97	SB2092+07	4.1A±	253.3A±							
			SB2053+00LT				DRAINAGE (P)						
			SB2053+45LT				DRAINAGE (P)						
			SB2055+52LT				DRAINAGE (P)						
			SB2057+00LT				DRAINAGE (P)						
			SB2058+53LT				DRAINAGE (P)						
			SH2062+00LT				DRAINAGE (P)						
			SB2064+50LT				DRAINAGE (P)						
			SB2067+00LT				DRAINAGE (P)						
			SB2069+50LT				DRAINAGE (P)						
			SB2069+80LT				DRAINAGE (P)						
			SB2072+00LT				DRAINAGE (P)						
			SB2084+50LT				DRAINAGE (P)						
			SB2088+50LT				DRAINAGE (P)						
8	MILES, ELMER E. ESTATE	14/15	NB2062+24	NB2075+12	9.0A±	33.0A±		Cond.	12/21/70	Barton	57	521-522	
9	GRAHAM, WILLIAM J. & WILMA N.	15/16	SB2070+76	SB2090+00	24.9A±			W/D	10/29/70	Barton	55	467	
			NB2075+12	NB2085+23		6.7A±							LOSS OF ACCESS 6.7A±
			SB2073+37	SB2084+97		10.4A±							
			SB2079+00LT				DRAINAGE (P)						
			SB2084+50LT				DRAINAGE (P)						
10	TOWN OF BARTON	7	NB1974+35Rt	NB1975+25Rt			ALL R.T.& I. IN T.R. 51	Cond.	12/21/70	Barton	57	521-522	
11	TOWN OF GLOVER	7	NB1975+25Rt	SB1980+70LT			ALL R.T.& I. IN T.R. 23	Cond.	12/19/70	Glover	27	290	
12	DELETED												formerly STONE
13	DELETED												FORMERLY: QUIN E. & [illegible] SIMARD

TABLE OF REVISIONS

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

LEGEND

PRESENT R.O.W.
TAKING WITHOUT ACCESS
TAKING WITHOUT ACCESS ALONG PROPERTY LINE
TAKING WITH ACCESS
REMAINING EASEMENT
PERMANENT EASEMENT
CLOSE RIGHTS
SLOPE

MADE BY: C.R.G. DATE 12-16-68
CHECKED BY: L.N.C. DATE 12-16-68

APPROVED [signature] DIRECTOR OF PUBLIC WORKS DATE 12-16-68
APPROVED [signature] CHIEF ENGINEER DATE 12-20-68
APPROVED [signature] STATE HIGHWAY ENGINEER DATE

PROJECT: LYNDON-BARTON
NO. F 91-3(14) SECT. II
SHEET 5 OF 7

POOR ORIGINAL COPY

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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
	HIGHWAY OPENINGS:												
			SB 1965+67 ℄	SB 2048+30 ℄									TOWN OF GLOVER
			SB 2048+30 ℄	SB 2154+00 ℄									TOWN OF BARTON (ENDING STATION ON PROJ. BARTON-IRASBURG I91-3(15))
			NB 1967+27 ℄	NB 1977+67 ℄									TOWN OF GLOVER
			NB 1977+67 ℄	NB 2019+65 ℄									TOWN OF BARTON
			NB 2019+65 ℄	NB 2038+70 ℄									TOWN OF GLOVER
			NB 2038+70 ℄	NB 2154+00 ℄									TOWN OF BARTON (ENDING STATION ON PROJ. BARTON-IRASBURG I91-3(15))

TABLE OF REVISIONS

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

POOR ORIGINAL COPY

MADE BY: KMD DATE 10-21-73

CHECKED BY: _____ DATE _____

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

LEGEND

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

SR SR SLOPE RIGHTS
P/L P/L PROPERTY LINE
TOP OF CUT
TOE OF SLOPE

APPROVED _____ DATE _____
CHIEF OF PLANS & TITLES

PROJECT LYNDON - BARTON
NO. I91-3(14) SECT. II
SHEET 5A OF 34

ROW

Drilling & Blasting of Solid Rock Subgrade
Item 115
SB 1961+75 - 1967+00

Treated Timber Curb, Item 556*
NB 1959+50 - 1960+10 Lt.

BEGIN R.O.W. PROJECT I-91-3(14) SECT. II
SB 1964+54

"SB"
Δ = 44°-22'-20" Lt.
D_c = 01°-45'-00"
R = 1638.44'
T = 311.14'
L_c = 1216.31'
E = 110.83
Brnk = 141 ft

Three Cable Guard Rail w/ Light Steel Posts, Item 538*
SB 1959+50 - 1961+78 Rt.
NB 1959+50 - 1960+84 Lt.
NB 1959+50 - 1963+08 Rt.
NB 1965+32 - 1967+00 Rt.

Plank Guard Rail Item 540
NB 1962+75 Rt. - Length = 32'

Property Line Fence with Steel Posts (Mod), Item 583 II
SB 1959+50 - 1967+00 Lt.
NB 1959+50 - 1967+00 Rt.

Stone Fill for Slope Protection (Light Type), Item 612
NB 1960+00 Rt. 10'x4'

SB 1964+54
283' Lt.

SB 1965+50
300' Lt.

560'

87'

END CONTRACT 4
SB 1959+50

BEGIN CONTRACT 5
SB 1959+50

END CONTRACT 4
NB 1959+50

BEGIN CONTRACT 5
NB 1959+50

POC - 1955+00.00

POC - 1959+00.00

POC - 1962+00.00

POC - 1963+75.00

POC - 1955+00.00

POC - 1959+50.00

POC - 1965+00.00

WOODS

Line

Boulder

11" Spruce 30.36'
10" Spruce 12.87'
4" Spruce 23.32'
4" Birch 5.86'
3" Maple 12.14'
3" Maple 15.00'

1953 1954 1956 1957 1958 1960

SOUTHBOUND
1961

NORTHBOUND
1961

4" Maple 8.59'
15.61' 6" Poplar
4" Maple 8.39'
5" Birch 6.45'
3" Birch 7.27
3" Birch 7.07

ROADWAY
1925

1962 1963 1964 1965 1966 1967

SB 1963+67

Top 1-2 slope

SB 1960+00.00 - 1960+23.44
New 6"x12" Type I

SB 1960+00.00 Lt. - 1961+75 Lt.
New 24"x100' ACCOSPAN, 14 ga.

SB 1960+25 - 1961+75 Lt.
New 6"x150' Underdrain, Type I

SB 1962+75 Lt. - 1963+25 Rt.
New 6"x100' Underdrain, Type I

SB 1960+00.00 - 1960+23.44
Special Ditch, Item 606.4

SB 1960+00 Lt. - 1961+75 Lt.
New 18"x26' ACCOSPAN, 14 ga.

NB 1960+00 Lt. - Rt.
New 6"x75' ACCOSPAN, 14 ga.

NB 1961+00 - 1961+75 Lt.
New 6"x150' Underdrain, Type I

NB 1960+00 Lt. - 1961+75 Lt.
New 24"x100' ACCOSPAN, 14 ga.

NB 1960+00 Lt. - 1961+75 Lt.
New 6"x150' Underdrain, Type I

NB 1960+00 Lt. - 1961+75 Lt.
New 6"x150' Underdrain, Type I

NB 1960+00 Lt. - 1961+75 Lt.
New 12"x75' CMP, 16 ga.
New 12"x75' CAACP, 16 ga.

NB 1962+00.00 - 1962+00.00
Special Ditch, Item 606.4

NB 1963+00 - 1963+75 Rt.
New 6"x150' Underdrain, Type I

NB 1963+00 - 1963+75 Rt.
New 6"x150' Underdrain, Type I

NB 1965+00 - 1965+75 Rt.
New 6"x150' Underdrain, Type I

NB 1965+00 - 1965+75 Rt.
New 6"x150' Underdrain, Type I

NB 1965+00 - 1965+52.86 Rt.
New 6" x 48' Pipe, Type I

NB 1966+75 Lt. - 1967+00 Rt.
New 6"x75' Type I

4" Cherry 9.83'
Rock 1966
3" Maple 11.73'
3" Birch 2.86'
Rock 1966
Large Rock

4" Beech 12.72'
5" Birch 18.93'
4" Spruce 8.49'
14" Spruce 19.06'
3" Birch 28.43'
Rock 1960
4" Birch 5.26'

BM. #91
Chiseled Square on Boulder

P.B.M. LB-32
U.S. ELEV.
1453.41

B.M. 91
U.S. ELEV.
1463.03

6'-10 Shed
Bronze Disc in Conc. Post

"NB"
Δ = 41°-59'-22" Lt.
D_c = 0°-45'-00"
R = 7639.44'
T = 2931.71'
L_c = 5598.62
E = 543.22'
Brnk = 14°/ft

CONTROL OF ACCESS COMPLETE ON THIS SHEET

0 50 100
SCALE IN FEET

*Denotes Stage II Construction

ROAD (US-10) (ALT 122)

(T-3)

KAUFFMAN MILLER

DUCK POND

Marsh

CONTRACT NO. 5
STAGE I CONSTRUCTION

TOWNS OF LYNDON-BARTON

PROJECT I-91-3(14)
SECT. II

STA. 1959+50 NB TO STA. 1967+00 NB
1959+50 SB 1967+00 SB

Sheet No. 6 of 34 Sheets

BLAUVELT ENGINEERING CO. ORLEANS, VERMONT

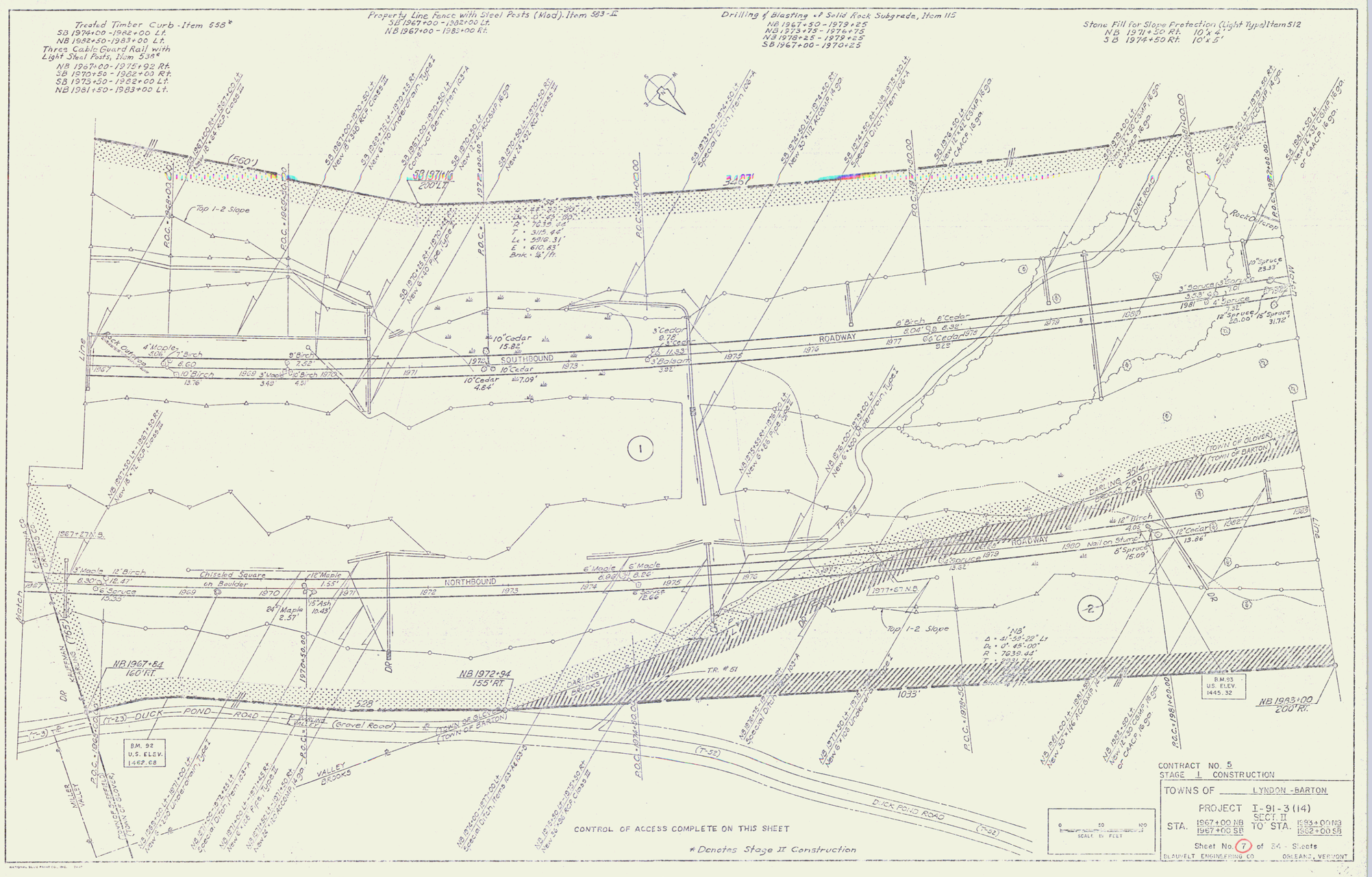
82

Treated Timber Curb - Item 558*
SB 1974+00 - 1982+00 Lt.
NB 1982+50 - 1983+00 Lt.
Three Cable Guard Rail with Light Steel Posts, Item 538*
NB 1967+00 - 1975+92 Rt.
SB 1970+50 - 1982+00 Lt.
SB 1973+50 - 1982+00 Lt.
NB 1981+50 - 1983+00 Lt.

Property Line Fence with Steel Posts (Mod). Item 503-12
SB 1967+00 - 1982+00 Lt.
NB 1967+00 - 1983+00 Rt.

Drilling & Blasting of Solid Rock Subgrade, Item 115
NB 1967+50 - 1979+25
NB 1973+75 - 1976+75
NB 1978+25 - 1979+25
SB 1967+00 - 1970+25

Stone Fill for Slope Protection (Light Type) Item 512
NB 1971+50 Rt. 10'x 4'
SB 1974+50 Rt. 10'x 5'



CONTRACT NO. 5
STAGE I CONSTRUCTION
TOWNS OF LYNDON - BARTON
PROJECT I-91-3(14) SECT II
STA. 1967+00 NB 1967+00 SB TO STA. 1983+00 NB 1982+00 SB
Sheet No. 7 of 34 Sheets
BLAUVELT ENGINEERING CO. ORLEANS, VERMONT

83

Stone Fill for Slope Protection (Light Type) Item 512

Treated Timber Curb
Item 558 *

NB 1983+00 – 1987+60 Lt.
SB 1982+00 – 1983+50 Lt.
NB 1991+50 – 1994+00 Lt.

Property Line Fence with Steel Posts (Mod.), Item 583 II
SB 1982+00 – 1997+00 Lt.
NB 1983+00 – 1998+00 Rt.

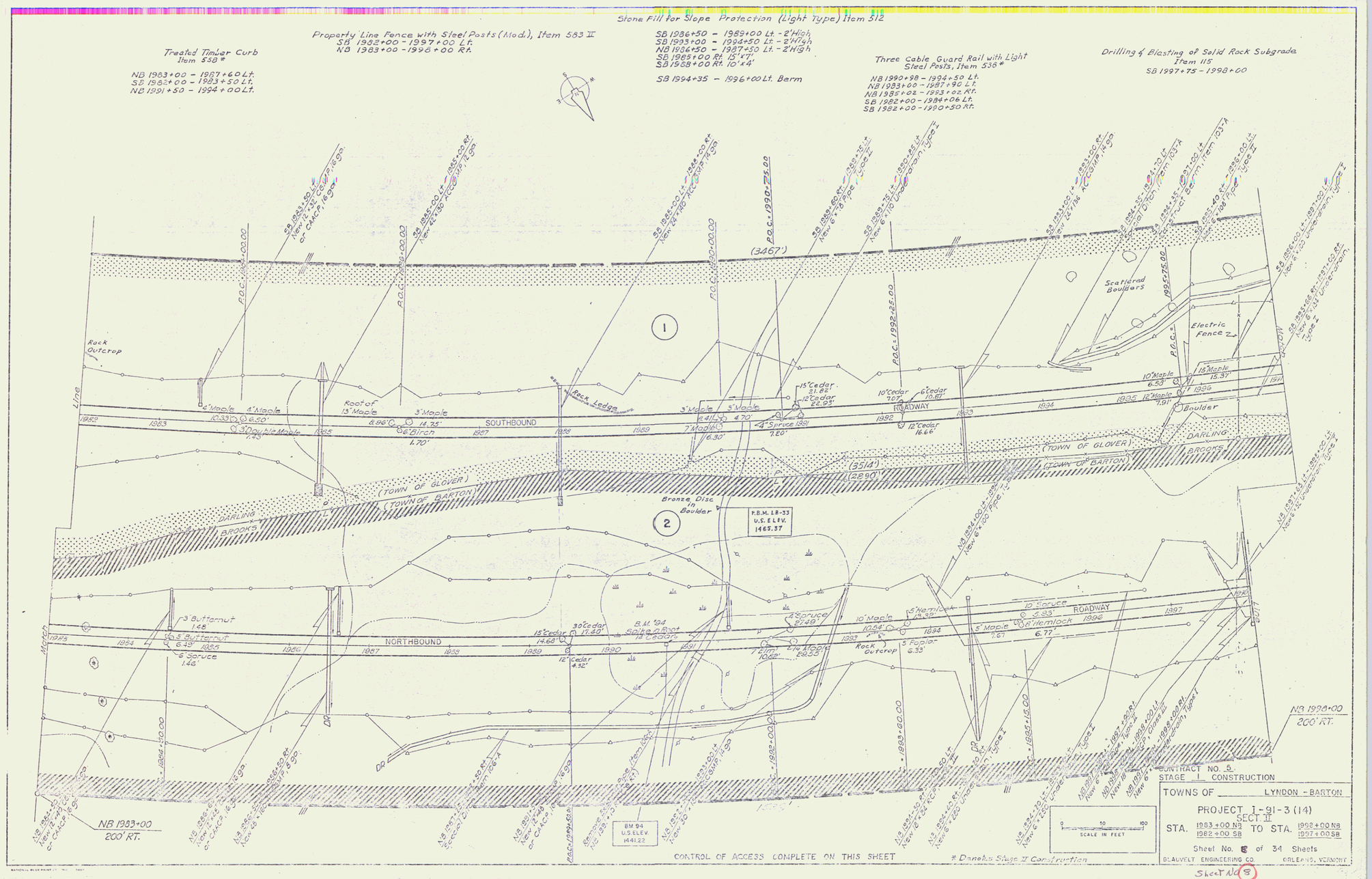
SB 1936+50 – 1989+00 Lt. – 2'High
SB 1993+00 – 1994+50 Lt. – 2'High
NB 1936+50 – 1987+50 Lt. – 2'High
SB 1985+00 Rt. 15'x7'
SB 1988+00 Rt. 10'x4'

SB 1994+35 – 1996+00 Lt. Berm

Three Cable Guard Rail with Light
Steel Posts, Item 536 *

NB 1990+98 – 1994+50 Lt.
NB 1983+00 – 1987+90 Lt.
NB 1985+02 – 1993+02 Rt.
SB 1982+00 – 1984+06 Lt.
SB 1982+00 – 1990+50 Rt.

Drilling & Blasting of Solid Rock Subgrade
Item 115
SB 1997+75 – 1998+00



CONTRACT NO. 5
STAGE I CONSTRUCTION

TOWNS OF LYNDON - BARTON

PROJECT I-91-3(14)
SECT II

STA. 1983+00 NB, 1982+00 SB TO STA. 1998+00 NB, 1997+00 SB

Sheet No. 3 of 34 Sheets

BEAUVELT ENGINEERING CO. ORLEANS, VERMONT

Sheet No. 3

84

Demolition & Disposal of Buildings
Item 586
NB 2002+30 106' Rt.

Property Line Fence with Steel Posts (Mod) Item 583.11
SB 1997+00 – 2011+00 Lt.
NB 1998+00 – 2013+00 Rt.

Drilling & Blasting for Solid Rock Subgrade, Item 115
SB 2010+75 – 2011+00
SB 1997+00 – 2006+25
NB 1999+50 – 2012+00

SB 1997+50 Rt. 1997+50 Rt.
New 4'x30" Underdrain, Type I

SB 1997+00 2000+50 Lt.
Construct Berm, Item 703-A

SB 1997+00 1998+00 Lt.
New 4'x30" Underdrain, Type I

SB 1998+50 Rt. Lt.
New 6'x36" RCP, Class III

SB 2000+50 2000+50 Lt.
New 6'x36" RCP, Class III

SB 2001+50 Rt. Lt.
New 6'x36" RCP, Class III

SB 2006+75
200' Lt.

SB 2006+30 2006+30 Lt.
6'x42" Underdrain, Type I

SB 2006+50 2009+50 Lt.
New 24"x108" RCCMP Pipe

SB 2007+50 2011+50 Rt.
New 4'x30" Underdrain, Type I

SB 2009+55 Rt. Lt.
18'x68" RCP, Class III

SB 2010+50 2011+00 Lt.
New 24"x108" RCCMP Pipe

SB 2010+50 2011+00 Lt.
New 6'x30" Pipe, Type II

NB 2001+50 2006+00 Lt.
New 24"x50" RCCMP, Type II

(3467')
1372'
355'
340'
(2550')
(3514')
(806)
1588'
133'
562'
157'
122'
114'
225' Rt.
200' Rt.
164'

P.O.C. = 1997+50.00
P.O.C. = 1998+50.00
P.O.C. = 2000+50.00
P.O.C. = 2006+75.96
P.O.T. = 2006+52.90
P.O.C. = 2008+00.00
P.O.C. = 2009+00.00
P.O.T. = 2011+00.00
P.O.C. = 2011+00.00
P.O.C. = 2013+00.00
P.O.T. = 2013+00.00
P.O.C. = 2001+58.00
P.O.C. = 2001+60.00
P.O.T. = 2001+60.00
P.O.C. = 2000+00.00
P.O.C. = 1998+00.00

Top 1-2 Slope

1

4

3

5-A

DARLING BROOK
TOWN OF GLOVER
TOWN OF BARTON
CARRIER
ROLLINS
SOUTH

SOUTHBOUND ROADWAY
NORTHBOUND ROADWAY

7" Cedar
3" Balsam
13.56'
9" Maple
9.97'
Boulder
4" Spruce
9.63'
6" Spruce
8.04'
4" Spruce
8.80'
12" Maple
20.38'
N. 71°-35' W.
8" Maple
4.17'
8" Maple
14.44'
10" Poplar
7.94'
10" Poplar
7.60'
15" Maple
11.66'
NB 2001+60
NB 2007+87
NB 2009+65
Spike in root
18" Poplar
10" Maple
1.61'
14" Maple
2.31'
16" Poplar
16.50'
3" Maple
6" Birch
3.47'
3.78'
7" Maple
16.83'
N. 68°-12' W.
10" Beech
5-Jmp
4.78'
11" Beech
40.74'
10" Spruce
18" Spruce
14.72'
10.31'
8" Poplar
15.95'
6" Spruce
8.87'
6" Birch
5.94'
7" Birch
13.43'
10" Birch
11.36'
B.M. #95
Knob Rock Outcrop
B.M. 95
U.S. ELEV.
1506.93
B.M. 96
U.S. ELEV.
1512.54
Empty Foundation
3.5±d Cabin
Empty Foundation
11'x28'
DR
Top 1-2 Slope
Top 1-2 Slope

CONTROL OF ACCESS COMPLETE ON THIS SHEET

0 50 100
SCALE IN FEET

TOWNS OF LYNDON - BARTON
PROJECT I-91-3 (14) SECT. II
STA. 1936+00 NB TO STA. 2013+00 NB
1997+00 SB 2011+00 SB
Sheet No 9 of 34 Sheets
BLAIVELT ENGINEERING CO. ORLEANS, VERMONT

85

Property Line Fence with Steel Posts (Mod), Item 583-II
SB 2011+00 - 2025+00 Lt.
NB 2013+00 - 2027+00 Rt.

Three Cable Guard Rail with Light Steel Posts, Item 530*
NB 2026+59 - 2027+00 Rt.

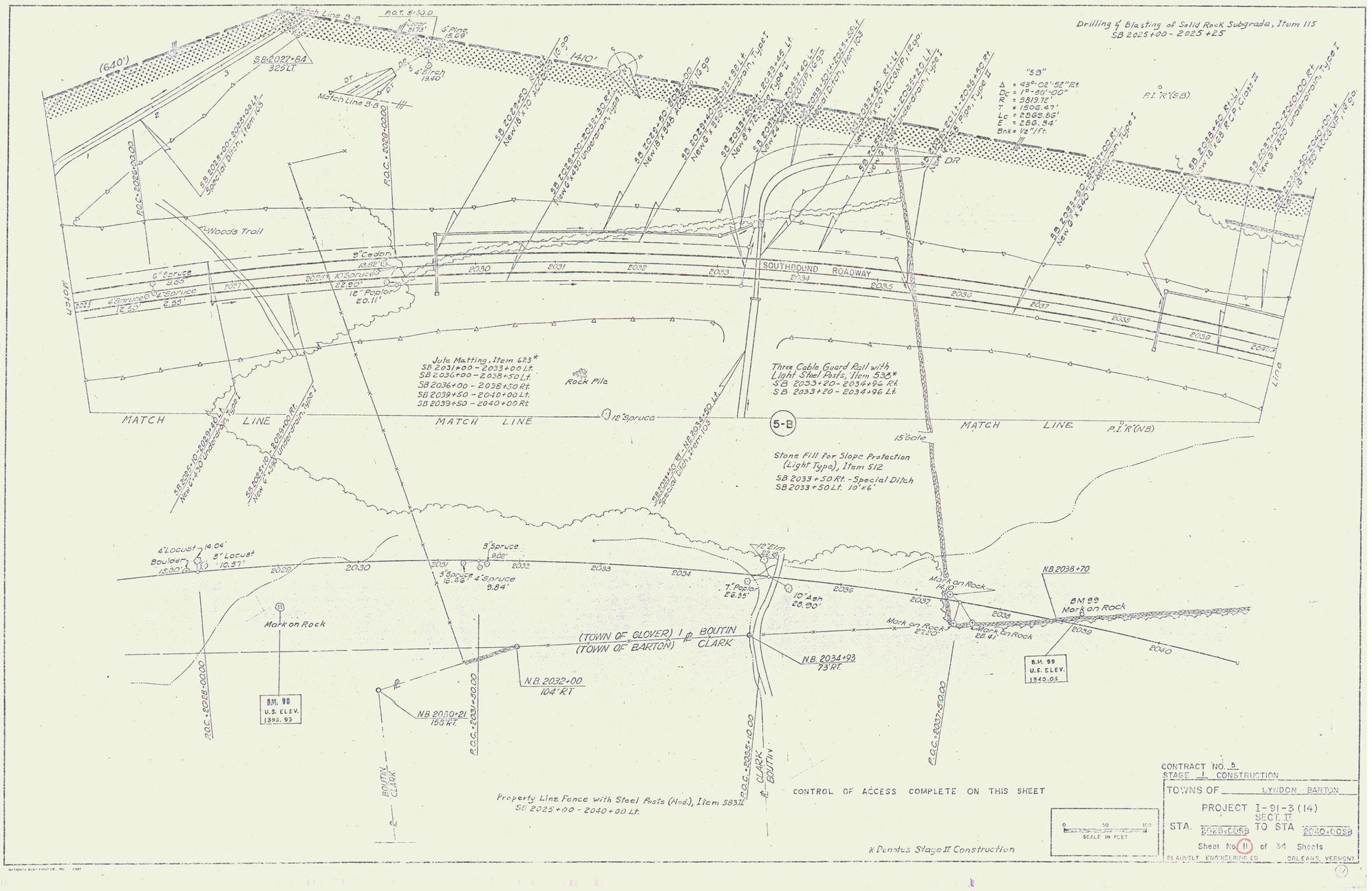
Drilling & Blasting for Solid Rock Subgrade
Item 115
NB 2013+00 - 2015+25
SB 2011+00 - 2025+00

Construct Speed Change Lane
For details see Standard Sheet B-15
NB 2020+81 - 2027+00 Rt.

SOUTHBOUND
NORTHBOUND
ROADWAY
N 71°-35' W
CARRIER SOUTH
Match Line 4+4
Match Line 4
Match Line
Top 1-2 Slope
(1372)
(1588')
(1895')
(1855')
P.B.M. LB-34
U.S.ELEV.
1462.99
Bronze Disc in Boulder
B.M. 97
U.S. ELEV.
1444.43
Chiseled Square on North Corner Boulder
(TOWN OF GLOVER)
(TOWN OF BARTON)
TOWN OF GLOVER
TOWN OF BARTON
Channel Line 3
SB 2026+50.150' Lt. =
POT 0+00.0
Channel Line 4
SB 2024+50.125 Lt.=
POT 0+00.0
POT 8+00.0
POT 7+40.9
P.O.T. 2019+50.00
P.O.T. 2016+00.00
P.O.T. 2021+50.00
P.O.T. 2024+50.00
P.C. 2023+50.00
NB 2021.88
24' RT.
NB 2025+21
225' RT.
SB 2021+90
200' LT.
SB 2020+47
200' LT.
Construct Stage II Construction*
CONTROL OF ACCESS COMPLETE ON THIS SHEET
SCALE IN FEET

CONTRACT NO. 5
STAGE I CONSTRUCTION
TOWNS OF LYNDON - BARTON
PROJECT I-91-3 (14)
SECT. II
STA. 2013+00 NB TO STA. 2027+00 NB
2011+00 SB 2025+00 SB
Sheet No. 10 of 34 Sheets
BLAUVELT ENGINEERING CO. ORLEANS, VERMONT

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Drilling & Blasting of Solid Rock Subgrade, Item 115
SB 2025+00 - 2025+25
"5B"
Δ = 48°-02'-52" Rt.
D = 1°-30'-00"
R = 3819.72'
T = 1506.47'
Lc = 2569.86'
E = 286.84'
Bnk = 1/2"/1ft.
P.I. 'R'(5B)
P.I. 'R'(N.B)
Match Line B-B
P.O.T. 5+30.0
(640')
1410'
S.B. 2027+84
329 LT.
6" Pine 15.69'
8" Birch 19.40'
P.O.C.-2026+00.00
P.O.C.-2029+00.00
S.B. 2025+00-2028+00 Lt. Special Ditch, Item 163
S.B. 2028+50 New 6'x10' ACCMP, 16.90'
S.B. 2028+00-2028+50 Lt. New 6'x4'30 Underdrain, Type I
S.B. 2029+40 New 6'x30' ACCMP, 16.90'
S.B. 2033+80 Lt. New 6'x30' ACCMP, 16.90'
S.B. 2033+40 Lt. New 6'x30' ACCMP, 16.90'
S.B. 2033+80-2034+30 Lt. New 6'x30' Underdrain, Type I
S.B. 2033+45 Lt. New 12" RCP, 16.90'
S.B. 2033+40 Lt. New 12" RCP, 16.90'
S.B. 2033+50 Lt.-2035+50 Rt. Special Ditch, Item 163
S.B. 2033+50 Lt.-2035+50 Lt. New 6'x30' ACCMP, 16.90'
S.B. 2033+50 Lt.-2035+50 Lt. New 6'x30' Underdrain, Type I
S.B. 2035+20 Lt.-2035+50 Rt. New 12" Pipe, Type I
S.B. 2035+40 Lt. New 6'x30' ACCMP, 16.90'
S.B. 2035+40 Lt. New 6'x30' Underdrain, Type I
S.B. 2035+50 Rt.-Lt. New 18"x18" RCP, Class III
S.B. 2037+00-2040+00 Rt. New 6'x30' Underdrain, Type I
S.B. 2038+50-2040+00 Lt. New 6'x30' ACCMP, 16.90'
S.B. 2025+10-2028+40 Lt. New 6'x4'30 Underdrain, Type I
S.B. 2025+10-2025+50 Rt. New 6'x30' Underdrain, Type I
S.B. 2033+50 Rt.-N.B. 2034+50 Lt. Special Ditch, Item 163
Woods Trail
8" Cedar 18.82'
6" Spruce 9.85'
4 Spruced 12.20'
4 Spruce 2.35'
10" Spruced 22.80'
12" Poplar 20.11'
SOUTHBOUND ROADWAY
DR
Jute Matting, Item 623*
SB 2031+00 - 2033+00 Lt.
SB 2036+00 - 2038+50 Lt.
SB 2036+00 - 2038+50 Rt.
SB 2039+50 - 2040+00 Lt.
SB 2039+50 - 2040+00 Rt.
Rock Pile
Three Cable Guard Rail with Light Steel Posts, Item 538*
SB 2033+20 - 2034+96 Rt.
SB 2033+20 - 2034+96 Lt.
MATCH LINE
12" Spruce
5-B
15' Gate
Stone Fill for Slope Protection (Light Type), Item 512
SB 2033+50 Rt. - Special Ditch
SB 2033+50 Lt. 10'x6'
4" Locust 14.06'
Boulder 15.30'
8" Locust 10.57'
3" Spruce 8.06'
3" Spruce 18.66'
4" Spruce 9.84'
12" Elm 22.65'
7" Poplar 26.35'
10" Ash 28.90'
Mark on Rock
N.B. 2038+70
BM 99 Mark on Rock
Mark on Rock 22.20'
Mark on Rock 20.41'
BM 99 U.S. ELEV. 1340.05
Mark on Rock
BM 98 U.S. ELEV. 1393.95
N.B. 2032+00 104' RT
N.B. 2030+21 158 Rt.
N.B. 2034+93 73 Rt.
(TOWN OF GLOVER) (TOWN OF BARTON)
BOUTIN
CLARK
P.O.C.-2028+00.00
P.O.C.-2031+50.00
P.O.C.-2035+10.00
P.O.C.-2037+50.00
Property Line Fence with Steel Posts (Hod.), Item 583II
SB 2025+00 - 2040+00 Lt.
CONTROL OF ACCESS COMPLETE ON THIS SHEET
* Denotes Stage II Construction
SCALE IN FEET
CONTRACT NO. 5
STAGE I CONSTRUCTION
TOWNS OF LYNDON BARTON
PROJECT I-91-3(14)
SECT. II
STA. 2025+00SB TO STA 2040+00SB
Sheet No. 11 of 34 Sheets
BEAUVELT ENGINEERING CO. ORLEANS, VERMONT

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MATCH LINE

MATCH LINE

MATCH LINE

TOWN OF GLOVER
TOWN OF BARTON

BOUTIN
CLARK

5-A

5-B

5-C

6

Stone Wall

Cabin (Sanborn)

"NB"
Δ = 40°-00'-54" Rt.
Dc = 1°-30'
R = 3819.72'
T = 1215.63'
Lc = 2711.01'
E = 253.62'
Bank = 1/2 "/ft

"A"
Δ = 76°-00'-00" Rt.
Dc = 38°-11'-50"
R = 150.00'
T = 117.19'
Lc = 198.97'
E = 40.36'
Bank = 3/4 "/ft.

"A"
Δ = 55°-39'-31" Rt.
Dc = 16°-22'-13"
R = 350.00'
T = 184.16'
Lc = 340.00'
E = 45.77'
Bank = 3/4 "/ft.

"A"
Δ = 11°-42'-41" Lt.
Dc = 2°-17'-31"
R = 2500.00'
T = 256.40'
Lc = 511.01'
E = 13.11'
Bank = —

"A"
Δ = 183°-07'-20" Lt.
Dc = 81°-51'-04"
R = 70.00'
T =
Lc = 223.73'
E =
Bank = 1/2 "/Ft.

"A"
Δ = 3°-81'-50" Rt.
Dc = 1°-25'-37"
R = 4000.00'
T = 134.93'
Lc = 269.75'
E = 2.25'
Bank = —

"A"
Δ = 69°-16'-16" Rt.
Dc = 57°-17'-45"
R = 100.00'
T = 69.08'
Lc = 120.90'
E = 21.54'
Bank = 3/4 "/Ft.

Granite Slope Edging, Item 554-A *
"A" 10+00 - 13+40
"A" 14+70 - 18+50
"A" 14+70 - 18+50 Rt.
"A" 20+85 - 23+90
"A" 20+85 - 23+90 Rt.
"A" 24+00Rt - 23+64

Cedar Log Guard Rail, Item 546 *
"A" 14+00 - 18+46 Lt.
"A" 14+80 - 18+50 Rt.
"A" 19+70 - 24+00Rt.

Three Cable Guard Rail with Light Steel Posts, Item 538 *
NB 2027+00-2028+35 Rt.
NB 2027+04-2028+80 Lt.

Jute Matting, Item 623 *
"A" 23+50 Lt-NB 2032+50 Rt.
NB 2030+50-NB 2032+50 Rt.
"A" 26+00-NB 2035+50 Rt.
NB 2038+00-NB 2040+50 Rt.

Bituminous Concrete Surface for Gutters and Traffic Islands, Item 554 *
"A" 13+40 Rt.

Property Line Fence with Steel Posts (Mod) Item 523-II
NB 2027+00 - 2041+00 Rt.

Stone Fill for Slope Protection (Light Type), Item 512
NB 2027+60 - 2028+05 Rt. Special Ditch
NB 2035+50 - 2037+50 Lt. 2' High

NB 2039+75 - 225' RT — Construct Speed Change Lane
For details see Standard Sheet E-15
NB 2027+00 - 2027+31 Rt.
NB 2033+95 - 2040+45 Rt.

NB 2030+21 15.8' RT.

NB 2032+00 10.4' RT.

NB 2034+93 X3' RT

NB 2030+07 804' RT

NB 2036+41 786' RT

CONTROL OF ACCESS COMPLETE ON THIS SHEET

* Denotes Stage II Construction

SCALE IN FEET 0 50 100

CONTRACT NO. 5
STAGE 1 CONSTRUCTION

TOWNS OF LYNDON-BARTON

PROJECT I-91-3(14)SECT 11

STA. 2027+00 NB TO STA. 2041+00 NB

Sheet No. 12 of 34 Sheets

BLAKELEY ENGINEERING CO. ORLEANS, VERMONT

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Treated Timber Curb - Item 558*
SB 2053+50 - 2055+00 Lt.
SB 2054+00 - 2055+00 Rt.

Property Line Fence with Steel Posts (Mod.) Item 583-II
SB 2040+00 - 2055+00 Lt.
NB 2041+00 - 2055+00 Rt.

Jute Matting, Item 623*
SB 2040 + 00 - 2041 + 00 Lt.
SB 2040 + 00 - 2041 + 00 Rt.
NB 2043 + 00 - 2046 + 50 Lt.
NB 2043 + 00 - 2046 + 50 Rt.
SB 2044 + 00 - 2045 + 60 Lt.
SB 2044 + 00 - 2046 + 50 Rt.
SB 2050 + 00 - 2053+00 Rhd. Rt.
NB 2049 + 00 - 2051 + 50 Lt.

Drilling & Blasting of Solid Rock Subgrade, Item 115
NB 2048+25 - 2054+75

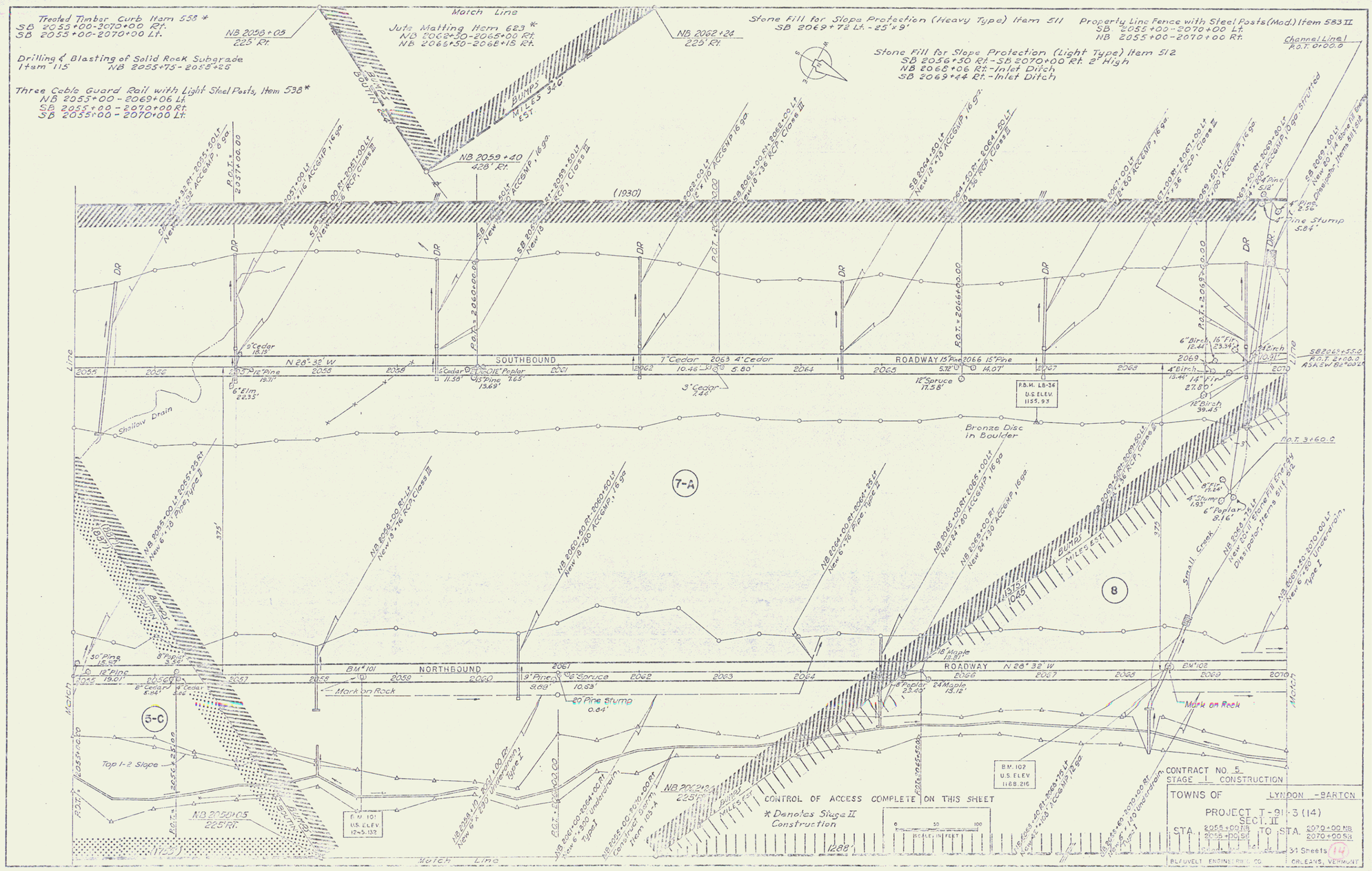
Three Cable Guard Rail with Light Steel Posts, Item 538*
NB 2054+18 - 2055+00 Lt.
SB 2050+11.51 - 2055+00 Lt.
SB 2053+52 - 2055+00 Rt.

Stone Fill for Slope Protection (Light Type) Item 512
NB 2046+50 Lt. - SB 2046+50 Rt. - Special Ditch
NB 2046+50 Rt.

SOUTHBOUND
NORTHBOUND
ROADWAY
TOWN OF GLOVER
TOWN OF BARTON
(1410')
(1116')
(1330')
(1830')
(1755')
10' Gate
Bronze Disc in Conc. Post
P.S.M. 15-35 U.S. El. 2 V. 1518.84
5-B
5-C
7-A
Top 1-2 slope
Boulder
Mark on Rock
Blk 100
Road
Line
CONTROL OF ACCESS COMPLETE ON THIS SHEET
SCALE IN FEET 0 50 100
*Denotes Stage II Construction

CONTRACT NO 5
STAGE 1 CONSTRUCTION
TOWNS OF LYNDON - BARTON
PROJECT F-91-3(14)
SECT. II
STA 2041+00 NB TO STA 2055+00 NB
2040+00 SB 2055+00 SB
Sheet No. 13 of 34 Sheets
BLAUVELT ENGINEERING CO. ORLEANS, VERMONT

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Treated Timber Curb Item 538 *
SB 2055+00-2070+00 Rt.
SB 2055+00-2070+00 Lt.
Drilling & Blasting of Solid Rock Subgrade
Item 115 NB 2055+75-2058+25
Three Cable Guard Rail with Light Steel Posts, Item 538*
NB 2055+00-2069+06 Lt.
SB 2055+00-2070+00 Rt.
SB 2055+00-2070+00 Lt.
NB 2058+05
225' Rt.
Match Line
Jute Matting Item 623 *
NB 2062+30-2065+00 Rt.
NB 2066+50-2068+18 Rt.
NB 2062+24
225' Rt.
Stone Fill for Slope Protection (Heavy Type) Item 511
SB 2069+72 Lt. - 25'x9'
Property Line Fence with Steel Posts (Mod.) Item 583 II
SB 2055+00-2070+00 Lt.
NB 2055+00-2070+00 Rt.
Channel Line I
P.O.T. 0+00.0
Stone Fill for Slope Protection (Light Type) Item 512
SB 2056+50 Rt.-SB 2070+00 Rt. 2' High
NB 2068+06 Rt.-Inlet Ditch
SB 2069+44 Rt.-Inlet Ditch
BUMPS 34.6 MILES EST
NB 2059+40
428' Rt.
(1930)
SOUTHBOUND
NORTHBOUND
ROADWAY N 28° 32' W
N 28°-32' W
Shallow Drain
Small Creek
Bronze Disc in Boulder
Mark on Rock
BM 101
U.S. ELEV. 1245.132
B.M. 102
U.S. ELEV. 1188.216
P.B.M. LB-36
U.S. ELEV. 1155.93
7-A
8
5-C
Top 1-2 Slope
CONTROL OF ACCESS COMPLETE ON THIS SHEET
* Denotes Stage II Construction
SCALE IN FEET
CONTRACT NO. 5
STAGE I CONSTRUCTION
TOWNS OF LYNDON - BARTON
PROJECT T-91-3(14)
SECT. II
STA. 2055+00 NB 2055+00 SB TO STA. 2070+00 NB 2070+00 SB
31 Sheets (14)
BLEUVELT ENGINEERING CO. ORLEANS, VERMONT

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Treated Timber Curb, Item 558*
SB 2070+00 – 2072+00 Lt.
SB 2070+00 – 2085+00 Rt.

Three Cable Guard Rail with Light Steel Posts, Item 538*
NB 2075+87 – 2085+00 Lt.
SB 2070+00 – 2085+00 Rt.
SB 2070+00 – 2085+00 Lt.
NB 2075+54 – 2077+30 Rt.

Stone Fill for Slope Protection (Light Type), Item 512
SB 2070+00 – 2085+00 Rt. 2' High
NB 2077+00 – 2077+50 Lt.
NB 2076+90 – 2077+00 Rt.
NB 2084+00 Lt. 10'x 4'

Jute Matting, Item 623*
NB 2070+50 – 2072+50 Rt.
NB 2074+50 – 2077+00 Rt.
NB 2079+00 – 2081+00 Rt.

Property Line Fence with Steel Posts (Mod), Item 583-II
SB 2070+00 – 2085+00 Lt.
NB 2070+00 – 2085+00 Rt.

SB 2073+37 200' Lt.
BUMPS GRAHAM
SB 2075+00 200 Lt.
SB 2077+00 Rt. 12"x12" CGWP, 16 ga
SB 2079+00 Rt. – Lt. New 20'-9" Stone Fill Empty 14.5 ton, Items 511 & 512
SB 2079+00 Rt. – Lt. New 48'+ 12' ACCGWP, 16 ga, Staggered
SB 2084+53 Rt. – 2084+50 Lt. New 36'+ 8.66' ACCGWP
SB 2084+50 Lt. New 20'-9" Stone Fill Empty Items 511 & 512
SB 2084+97 242' Lt.
(1930')
1050'
163'
7-A
(375) 350
SB 2070+70 7' Lt.
4" Poplar 6.87'
Ellsam
N 28°-32' W
SOUTHBOUND ROADWAY
11" Hemlock 11.29'
8" Hemlock 4.63'
12" Maple 1.08'
12" Poplar 6.85'
8" Spruce 13.21'
4" Poplar 12.48'
12" Spruce 17.48'
10" Maple 28.65'
10" Maple 7.57'
5" Maple 9.85'
Boulder
Stream
Line
(1238')
NB 2070+00 – 2071+40 Lt. New 6'+ 40' Underdrain Type I
NB 2070+00 Rt. – 2072+30 Rt. New 6'+ 820' Underdrain Type I
NB 2071+40 – 2072+30 Lt. New 6'+ 90' Underdrain Type I
NB 2072+00 – 2072+30 Lt. New 6'+ 36" Pipe Type II
NB 2072+50 Rt. – NB 2072+40 Lt. New 18"x 105 ACCGWP, 16 ga
SB 2074+50 Rt. – 2072+50 Lt. New 12'+ 122' CGWP, 16 ga or CAALCP, 16 ga
NB 2072+60 – 2076+30 Rt. New 6'+ 370' Underdrain Type I
NB 2073+55 – 2076+10 Lt. New 6'+ 250' Underdrain Type I
NB 2075+10 – 2076+58 Lt. New 6'+ 48" Pipe Type II
NB 2075+30 Rt. – 2076+10 Lt. New 6'+ 28" Pipe Type II
SB 2079+50 Rt. New 12'+ 46' CGWP, 16 ga or CAALCP, 16 ga
NB 2077+50 – 2080+70 Rt. New 6'+ 340 Underdrain Type I
SB 2082+00 Rt. 12"x12" CGWP, 16 ga or CAALCP, 16 ga
NB 2080+70 Rt. – 2080+90 Lt. New 6'+ 80' Pipe Type II
SB 2084+40 Rt. New 12'+ 28' CGWP, 16 ga or CAALCP, 16 ga
Small Stream
March
4" Maple 17.30'
7" Maple 4.67'
4" Ash 18.83'
3" Maple 5.15'
4" Maple 13.28'
4" Spruce 27.29'
10" Spruce 12.40'
4" Spruce 5.60'
10" Spruce 12.35'
8" Maple 7.93'
15" Maple 26.92'
3" Spruce 13.27'
16" Maple 11.65'
14" Beech 15.58'
7" Cedar 9.49'
5" Spruce 7.05'
7" Spruce 9.39'
3" Spruce 3.95'
Fence Traced
Spike in Stump
N 28°-32' W
NORTHBOUND ROADWAY
Small
Stream
9
8
7
375'
Miles
Graham
Bumps
Lyndon
Barton
Line
P.O.T. = 2070+50.00
P.O.T. = 2075+00.00
P.O.T. = 2077+50.00
P.O.C. = 2079+42.30
P.O.C. = 2082+35.00
P.O.C. = 2085+00.00
P.O.C. = 2082+00.00
P.O.C. = 2084+00.00
P.O.T. = 2084+00.00
NB 2072+50 Rt. New 12"+ 36' ACCGWP, 16 ga
NB 2076+50 Rt. – 2084+00 Rt. Construct 2" Berm, Item 103A
NB 2077+50 Rt. – Lt. New 24"+ 40' ACCGWP, 10 ga
BM 103 U.S. ELEV. 1136.58ft.
NB 2081+10 Rt. – Lt. New 24"+ 40' ACCGWP, 16 ga
NB 2083+80 Rt. New 6'+ 100' Underdrain Type I
NB 2083+80 – 2083+20 Lt. New 6'+ 100' Underdrain Type I
NB 2082+80 Rt. – 2083+20 Lt. New 6'+ 100' Underdrain Type I
NB 2083+20 Lt. New 6'+ 100' Pipe Type II
NB 2084+00 Rt. – Lt. New 24"+ 40' ACCGWP, 14 ga
977'
SCALE IN FEET
CONTROL OF ACCESS COMPLETE ON THIS SHEET
*Denotes Stage II Construction

CONTRACT NO. 5
STAGE I CONSTRUCTION
TOWNS OF LYNDON - BARTON
PROJECT I-91-3(14)
STA. 2065+00 NB
2065+00 SB
Sheet No. 15 of 34 Sheets
BLAUVELT ENGINEERING CO. ORLEANS, VERMONT

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Jute Matting, Item 623*
SB 2096+00-2098+34 Rt.

"SB"
Δ = 31°-57'-22" Rt
Dc = 1°-30'-00"
R = 3819.72'
T = 1093.70'
Lc = 2130.41'
E = 153.50'
Bnk = 1/2"/1ft.

Treated Timber Curb, Item 558*
NB 2085+50-2091+00 Rt.
SB 2085+00-2094+00 Rt.

Three Cable Guard Rail with Light Steel Posts, Item 538*
NB 2085+00 - 2096+00 Lt.
NB 2085+16 - 2092+06 Rt.
NB 2095+92 - 2098+00 Rt.
SB 2085+00 - 2094+00 Rt.
SB 2085+00 - 2099+00 Lt.

Property Line Fence with Steel Posts (Nail), Item 583-II
SB 2085+00-2092+00 Lt.
NB 2085+00-2098+00 Rt.

Stone Fill for Slope Protection (Light Type), Item 512
SB 2085+00 Rt. - SB 2089+75 Rt. - 2' High
NB 2085+00 Rt. - NB 2089+50 Rt. - 2' High
NB 2096+25 Rt. - NB 2098+00 Rt. - 2' High
NB 2098+50 Lt. - SB 2093+50 Rt. - Special ditch
NB 2087+50 Lt. - SB 2098+47 Rt. - Special ditch
SB 2093+50 Lt. - 15' x 5'
NB 2092+25 Rt. - NB 2093+25 Rt. - 2' High

END R.O.W. PROJECT I-91-3(14) SECT. II
S.B. 2092+07

S.B. 2088+50
325' Lt.

S.B. 2092+07
254' Lt.

(390')
393'

BUMPS
DUCHARME
GRAHAM

P.I. 3(SB)
P.I. 3(NB)
P.I. 6(SB)

SB 2090+00
92' Rt.

SB 2088+50
92' Rt.

7-B
9
10

SOUTHBOUND ROADWAY
NORTHBOUND

Painted High Point on Boulder

Boulder

Woods Trail

Stream

Marsh

Line

B.M. 104
U.S. ELEV.
1067.892

N.B. 2085+23
225' Rt.

"NB"
Δ = 30°27'-22" Rt
Dc = 1°-30'-00"
R = 3819.72'
T = 1039.80'
Lc = 2030.41'
E = 120.00'
Bnk = 1/2"/1ft.

SB 2085+00 Rt.
New 4'x6' CGMP, 16 ga.
or CAACP, 16 ga.

SB 2085+50 Rt.
New 4'x6' CGMP, 16 ga.
or CAACP, 16 ga.

SB 2087+50 Lt. to SB 2088+47 Rt.
Special Ditch, Item 106A

SB 2088+50 Rt.
New 30"x18" ACCGMP, 16 ga.

SB 2088+50 Rt.
New 2'x1'6" CGMP, 16 ga.
or CAACP, 16 ga.

SB 2089+50 Rt.
New 4'x6' CGMP, 16 ga.
or CAACP, 16 ga.

SB 2090+75 to SB 2091+85 Rt.
Special Ditch, Item 106A

SB 2091+00 Rt.
New 4'x6' CGMP, 16 ga.
or CAACP, 16 ga.

SB 2091+50 Rt. to SB 2092+50 Lt.
New 24'x1'3" ACCGMP, 14 ga.

SB 2093+50 Rt. to SB 2094+50 Lt.
Special Ditch, Item 106A

SB 2094+00 Rt.
New 2'x1'6" CGMP, 16 ga.
or CAACP, 16 ga.

SB 2095+50 Rt. to SB 2096+50 Lt.
New 30"x18" ACCGMP, 16 Ga.

SB 2094+75 to SB 2096+75 Rt.
New 6'x10' Underdrain, Type I

SB 2096+75 to SB 2097+00 Lt.
New 6'x10' Pipe, Type I

SB 2098+25 Lt. to SB 2099+26 Lt.
New 10'x5' Stone Fill Energy Dissipator, Item 512

NB 2083+20 to 2085+50 Rt.
New 6'x16' Pipe, Type I

NB 2085+20 to 2085+50 Rt.
New 6'x16' Pipe, Type I

NB 2086+95 Rt. to SB 2099+26 Lt.
New 48"x76' ACCGMP, 10 Ga. Stream Flow Watershed, Area 14 Sq. Mi.

P.O.C. = 2085+00.00
P.O.C. = 2089+00.00
P.O.C. = 2091+50.00
P.O.C. = 2095+00.00
P.O.T. = 2095+11.10
P.O.T. = 2095+75.61
P.O.T. = 2097+50.00

POOR ORIGINAL COPY

CONTROL OF ACCESS COMPLETE ON THIS SHEET

* Denotes Stage II Construction

CONTRACT NO. 5
STAGE I CONSTRUCTION
TOWNS OF LYNDON - BARTON
PROJECT I-91-3(14)
SECT. II
STA. 2089+00 NB TO STA. 2091+00 NB
2085+00 SB 2099+00 SB
Sheet No. 16 of 34 Sheets
SCALE IN FEET 0 50 100
BLAUVELT ENGINEERING CO. ORLEANS, VERMONT

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END PROJECT I-91-3(10) | BEGIN PROJECT I-91-3(11)

END CONTRACT 5
SB 2104+92.05

#257

EQUALITY 2104+92.05 = 2118+00.00 (-1307.95)

SB 2101+80 Rt. - 2102+03 Lt. New 24"x64' ACCGALP, 16 Ga.

SB 2102+75 - 2104+85 Rt. New 6"x18' Underdrain, Type I

SB 2104+85 Rt. - SB 2104+90 Lt. New 6"x68' Pipe, Type II

P.O.T. = 2100+17.05

P.O.T. = 2104+42.05

P.O.T. = 2121+50.00

P.O.T. = 2123+20.49

P.C. = 2127+62.00

Electric Power Pole #658
26.38'
24" Hub
30.42'

13" Cedar 3.30'

3" Cedar 6.17'

A Spruce 12.10'

N 03°-25' E

2099 2100 2101 2102 2103 2104 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128

7" Larch 37.69'

Birch 12.24'
Poplar 13.61'
Cedar 16.30'
Spruce 16.02'
24" Hub 4.64'
Hemlock 17.61'
3 Spruce 10.10'
5 Spruce 18.00'

SB 44.05' Post NB 46.52'

5 Spruce 13.62'
4 Spruce 13.30'
3 Spruce 14.11'

7" Cedar 9.43'

Mark on Rock 5.89'

N 01°-55' E

B.M. 106

3" Larch 11.29'

9" Larch 18.15'

7" Larch 7.55'

10" Larch 8.08'

4 Spruce 20.61'

Mark on Rock 16.73'

4 Spruce 34.60'

3 Spruce 34.01'

6 Spruce 32.07'

6" Larch, 6.37' 7.93'

Mark on Rock

6" Cedar 9.33'

Birch 12.47'

Spike in Root Tree

11" Cedar 14.25'

14" Birch 6.71'

10" Hemlock 4.34'

P.O.T. = 2101+25.00

SB 2100+00 Rt. - SB 2101+80 Rt. New 24"x 122.71' ACCGALP, 14 Ga.

P.O.C. = 2099+00.00

P.T. = 2099+122.71

NB 2100+00 - 2103+54.95 Rt. Construct Berm, Item 105A

NB 2100+50 - 2103+40 Rt. New 6"x 290' Underdrain, Type I

NB 2103+40 Rt. - 2103+50 Lt. New 6"x68' Pipe, Type II

#259

EQUALITY 2118+00.00 = 2119+34.95 (-1149.05)

P.O.T. = 2119+00.00

P.O.T. = 2123+13.16

P.C. = 2128+12.00

B.M. 105
U.S. ELEV.
1026.659

B.M. 106
U.S. ELEV.
1025.599

END CONTRACT 5
NB 2103+54.95

END PROJECT I-91-3(10) | BEGIN PROJECT I-91-3(11)

0 50 100
SCALE IN FEET

CONTRACT NO. 5
STAGE I CONSTRUCTION

TOWNS OF LYNDON-BARTON

PROJECT I-91-3(14)
SECT. II

STA. 2098+00 NB TO STA. 2103+54.95 NB
2098+00 SB 2104+92.05 SB

Sheet No. 17 of 34 Sheets

PLAUVELT ENGINEERING CO. ORLEANS, VERMONT

POOR ORIGINAL COPY

Marion E. Simons 0.5 A±
Vt. 16 90+64 Rt. - Vt. 16 91+65 Rt.
Recorded In Town Of Barton
Land Records 10/24/73 Bk. 59
Pg. 27

HASSON P
SIMONS L

District No. 9
Proposed Barton Maintenance Area
Project MA 3441

N

90+75
50'

90'

91+65
50'

SIMONS

218'

SIMONS

90+64
270'

58'

P
L

90+87.5
324'

448'

261'

WAKEFIELD

90+95
515'

2138+65
200'

740'

2130+72
200'

VT. 16

90 91 92 93 94 95 96 97

1 2 3 4 5 6 7 8 9 10 11

2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145

0 50' 100' 150'

POOR ORIGINAL COPY

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: LYNDON-BARTON
I 91-3(11) SEC. II

Sheet 17A of 34

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