Curve #1
Δ = 7°17'05" Lt.
D = 2°
R = 2864.79
T = 182.36
L = 364.24
E = 5.80

BM# 15
SIR 30" Pine
US Elev 878.35
COULD NOT FIND

SPECIAL DITCH (ITEM 203.15)
RT
REV. 120+40 ~ REV 121+50
TH 54 REV 10+40 ~ REV 10+82
TH 54 REV 13+00 ~ REV 15+50

DURABLE 4" WHITE LINES
113+25 (11' LT) - 126+00 (11' LT)
113+25 (11' RT) - 121+40 (11' RT)
122+20 (11' RT) - 126+00 (11' RT)
Ending in TH # 54
NOTE: REMOVE "PAVEMENT ENDS" SIGN APPROXIMATELY 400' BEFORE BEGINING OF PROJECT.

Surv. Curve #2
Δ = 29°41'30" Lt
D = 5°
R = 1145.92
T = 303.75
L = 593.83
E = 39.57

Rev Curve
Δ 29°-41'-30" Lt
D 3.024°
R 1894.61
T 502.20
L 981.82
E 65.43
Bank 0.038 Ft/Ft

DURABLE 4" YELLOW LINE
113+25 ~ 121+58 ℄, DBL.
126+98 ~ 126+00 ℄, DBL.
TEMPORARY 4" YELLOW LINES
113+25 ℄ - 121+58 ℄ DBC
121+38 ℄ - 126+00 ℄ DBC

DURABLE 24" STOP BAR
TH 54 10+22 ~ 10+24 LT.

SPECIAL DITCH (204.20)
ET
REV 122+40 ~ SURV 125+00

DURABLE LETTER OR SYMBOL
TH # 54 10+28 (LT.) (STOP)

REMOVING SIGNS
1 EA

EXISTING CONCRETE WASH RACK TO REMAIN

1 Sty NF Building (to be removed by owner)

Rev. P.I. 121+77.43 =
TH 54 POT 9+93.39
Δ 55°-12'-55" Rt
@ tan. to curve

Rev TH 54 Curve #1
Δ 32°-00' Rt
D 27°-30'
R 209.35
T 59.74
L 116.36
E 8.40
PC 10+17.78
PT 11+34.14

Rev PT 11+34.14
TH 54 POT 15+00.00

Surv P.I. 10+77.52 =
TH 54 POT 12+90.00
Δ 55°-12'-36" Rt
@ tan. to curve

TH 54 P.I. 10+77.52 =
Rev P.I. 10+77.52 =
10+74.40

TH 54 10+10.39
Begin Approach Constr.

Rev P.I. 111+72.00 =
111+71.52
CONSTRUCT DRIVE (GRAVEL)
RT
113+25, 15' WIDE (SEE SPEC. PROV.)
TH 54 11+00, 12' WIDE
LT
115+50, 25' WIDE
TH 54 13+00, 12' WIDE

RELOCATE MAILBOX DOUBLE SUPPORT
113+30 LT.
(SEE STANDARD TURNOUT DETAIL - SHEET 36)

GRUBBING MATERIAL W/ EROSION MATTING (DBL WIDTH)
RT
Rev 115+50 ~ 116+07
Rev 118+54 ~ 121+50
Rev TH 54 10+40 ~ 10+82

BARB WIRE FENCE
(SEE DETAIL, SHEET 4 AND SPECIAL PROVISIONS)
LT
116+00 ~ 125+00 ±

STONE FILL TYPE I
ET
REV 115+50 ~ REV 118+07
REV 118+54 ~ REV 121+50
REV 122+40 ~ SURV 125+00
TH 54 REV 10+40 ~ REV 10+82
TH 54 REV 11+50 ~ REV 15+50
LT
REV 115+50 ~ REV 121+50
NOTE: SUBJECT TO APPROVAL BY THE ENG., STONE FILL FOR DITCHES MAY BE OMITTED IF LEDGE IS ENCOUNTERED AT DITCH BOTTOM.

DRILLING & BLASTING OF SOLID ROCK SUBGRADE
116+75 ~ 118+75
LT

EROSION MATTING
RT
REV 116+00 ~ 116+73
REV 115+50 ~ 115+50
(SINGLE WIDTH)

DECIDUOUS TREES
ALTERNATE PLANTING OF SUGAR MAPLE AND WHITE ASH
116+50 ~ 119+75 LT - 17 TREES 20' C-C
(9 SUGAR MAPLE, 8 ASH, 10' HT)
(45' ± LT, AS SOIL CONDITIONS ALLOW)
116+00 ~ 118+00 RT - 12 TREES
(6 SUGAR MAPLE, 6 ASH, 10' HT)
10' BEHIND TOP OF CUT, 20' C-C)

NOTE: THE LOCATION & SPACING SHOWN FOR THE TREE PLANTINGS IS APPROXIMATE. FINAL SPACING & LOCATION SHALL BE DETERMINED IN THE FIELD UNDER THE DIRECTION OF THE ENGINEER IN COORDINATION WITH THE AFFECTED PROPERTY OWNER(S). NO TREES ARE TO BE PLANTED WITHIN ROADWAY CLEAR ZONES.

Surv P.I. 118+56.08 =
118+42.41

Rev P.I. 118+36.08 =
118+33.50

BM# 16
Nail in 10" Chy
Elev. 853.07

BM# 17
Nail in 10" Chy Stump
US Elev 821.82

TH 54 P.I. 12+83.55
Δ 21°-00' Rt

Rev TH 54 Curve #2
Δ 31°-00' Rt
D 17°-00'
R 337.03
T 93.47
L 182.35
E 12.72
Bank 0.042 Ft/Ft

TH 54 14+05
End Approach Constr.

EVERGREEN & DECIDUOUS TREES
ALTERNATE PLANTING OF RED PINE & SUGAR MAPLE
TH 54 10+90 ~ 11+15 LT -
5 TREES (3 PINE, 2 MAPLE, 10' HT., 10' C-C, 13' FROM TOE OF FILL - SEE NOTE LT.)

NOTE: DRIVE @ TH 54, 13+00 LT & PIPE OUTLET @ TH 54, 13+50 LT ARE TO BE ADJUSTED BY THE ENGINEER IN THE FIELD TO FIT EXISTING CONDITIONS AND/OR PLACEMENT OF EXCESS PROJECT EXCAVATION (SEE SPECIAL PROVISIONS)

PROFILE

End Approach
Begin Project RS 0246(1)
114+00

113+25
Begin Approach

-1.1000%
existing road profile

117+00
878.82
550' VC
SSD 287
K 62

13+50
812.45
100' VC
K 29

TH 54 Profile

-10.0000%

Rev. PI 121+78.89 @ 17' Rt =
TH 54 10+10.39 Elev. 831.83
Begin Approach Constr.

-6.0000%

10+50
830.45
60' VC
K 24

-2.5000%

TH 54 14+05
End Approach Construction

Eq. = -5.00'

UNDERDRAIN PROFILE RT

UNDERDRAIN PROFILE LT

Eq. = -8.91'

Rev PT 13+35.70
Surv PT 13+44.61

existing road profile

PROFILE SCALE
HORIZ. 50 FEET
VERT. 10 FEET

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

EAST MONTPELIER
Proj. RS No. 0246 (1)
Sheet 24 of 128

PLATE 1 SINGLE PLAN - PROFILE
CHARLES BRUNING CO.