TH 46 POT 20+00.00

Approx. Underground Reloc. Etc. by NET

Approx. Aerial Reloc. Etc. by WEC & NET

TH 46 Surv PT 18+56.13

TBM #1A
SIP #14123
Elev. 837.96

Surv TH 46
PI 16+80.36 =
16+60.41 =
Rev POST 16+60.41

Rev TH 46 PI 16+09.87 =
15+87.54

Rev TH 46 PT 17+81.06

Surv PC 14+84.64

Surv PI 159+99.50
159+17.30

Rev PI 160+11.84 =
158+60.27

Surv POC 160+50.00 =
Surv TH 46 - 14+52.96
@ 90° tan. to curve

Rev POC 159+85.00 =
Rev TH 46 - 13+90.64
@ 90° Lt. tan to curve

TH 46 14+07.64
BEGIN CONSTRUCTION

TH 46 19+00
END CONSTRUCTION

REMOVE THE EXISTING TH 2 ROADBED TO THE EDGE OF SHOULDER OF T.H. #46

Tel Box #37-1

Tel Box #38

2 Yz S W F Ho.

TH #46

TH #2

Town Hill Rd.

NET 129

NET 130

NET 131

NET 132

NET 133

Meadow

Wet Area

Wet Area

Meadow

Ledge

Rock Pile

Stone Wall

Brush

Pump

Spring

Culvert

Ditch

Hub Tie

Guy Pole

U.T. Cable

Surv TH 46
Curve Data
Δ 44°-34'-44" Rt
D 12°-00'
R 477.47
T 195.72
L 371.49
E 38.56

Rev TH 46
Curve Data
Δ 44°-07'-32" Rt
D 12°-00'
R 477.47
T 193.52
L 367.71
E 37.73
Bank .054 FT/FT

Rev
Curve Data
Δ 82°-48'-10" RT.
D 12°-00'
R 477.46
T 420.59
L 689.61
E 158.83
Bank 0.080 FT/FT

Surv
Curve Data
Δ69°-14'-34" RT
D 12°-00'
R 477.46
T 329.64
L 577.02
E 102.74

Surv
Curve Data
Δ 13°-27'-52" LT
D 2°-00'
R 2864.79
T 338.17
L 673.22
E 19.89

Rev
Curve Data
Δ 40°-30'-00" LT
D 5°-30'-00"
R 1041.74
T 384.32
L 736.36
E 68.63
Bank 0.0585 FT/FT

Surv PT 171+57.67 =
Orig. Surv. 169+22.22
Eq. = +235.45'

Surv PI 168+22.62 =
168+19.50

Rev PI 169+35.87 =
169+03.60

N 45°-00'-56"E
N 44°-12'-04"E
N 68°-40'-22"E
S 64°-33'-22"E
S 78°-01'-14"E
S 82°-18'-56"E
N 87°-16'-04"E

TBM #24
SIP #5
Elev. 792.29

GMP #6
GMP #5
GMP #4

NOTE: EXISTING TH 2 SURFACE IS TO BE REMOVED TO A DEPTH OF 12" AND REPLACED WITH SUITABLE MATERIAL FROM PROJECT EXCESS EXCAVATION, GRADED TO MATCH EXISTING ROADSIDES AS DIRECTED BY THE ENGINEER, SEEDED AND MULCHED. EXCAVATION AND GRADING TO BE PAID FOR UNDER "EXCAVATION OF SURFACES AND PAVEMENTS". (REV 161+25 ~ SURV 177+75, & REV TH 46 13+90 ~ 16+05 LT.)

SUITABLE EXCAVATED SURFACE MATERIAL IS TO BE USED FOR CONSTRUCTION OF DRIVES @ REV 177+50 LT & SURV 178+70 LT (SEE SHEET 29)

DURABLE 4" YELLOW LINES
158+00 ℄ ~ 159+65 ℄ DBL
160+05 ℄ ~ 173+00 ℄ DBL
TH #46 14+18 ℄ ~ 19+00 ℄ DBL

DURABLE 4" WHITE LINE
158+00 (11' LT) ~ 159+45 (11' LT)
160+46 (11' LT) ~ 173+00 (11' LT)
158+00 (11' RT) ~ 173+00 (11' RT)
TH #46 14+56 (11' RT) ~ 19+00 (11' RT)
TH #46 14+30 (11' LT) ~ 19+00 (11' LT)
Redo into TH #46

TEMPORARY 4" YELLOW LINE
158+00 ~ 159+65 ℄ DBL.
160+05 ~ 173+00 ℄ DBL.

DURABLE 4" WHITE LINE
TH #46 14+02 (50' LT) - 14+50 (11' LT) (40' R.)
TH #46 14+02 (50' RT) - 14+50 (11' RT) (40' R.)

DURABLE LETTER OR SYMBOL
TH #46 14+18 (LT) (STOP)
TH #46 18+34 LT (AHEAD), 18+60 LT (STOP)

DURABLE 24" STOP BAR
TH #46 14+18 ℄ -20' LT

REMOVING SIGNS
1 EA.

EXCAVATION OF SURFACES AND PAVEMENTS
LT
REV 161+25 ~ 173+00 (EXIST. TH 2)
REV TH 46 13+90 ~ 16+05 (EXIST. TH 2)

DRILLING & BLASTING OF SOLID ROCK SUBGRADE
162+75 ~ 163+25
169+40 ~ 169+60
168+40 ~ 169+90

STONE FILL TYPE I
LT
REV 160+38 ~ REV 164+92
REV 168+88 ~ REV 171+38
RT
REV 158+00 ~ REV 172+80

EROSION MATTING
LT RT
TH 46 REV 15+50 ~ REV 19+00

SPECIAL DITCH (ITEM 203.15)
RT
TH 46 17+50 ~ 19+00

NOTE: STONE FILL FOR DITCHES MAY BE OMITTED IF LEDGE IS ENCOUNTERED AT DITCH BOTTOM. (SUBJECT TO THE APPROVAL OF THE ENGINEER).

BM #23
SIT 6" Chy.
Elev. 822.42

PLAN SCALE
0 50 100
100 FEET

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

SURVEYED BY FALL DATE 3/85
DRAWN BY MENARD DATE 4/85
TRACED BY ROCK DATE 4/85

EAST MONTPELIER
PROJ. RS NO. 0246 (1)
SHEET 27 OF 128