PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
PLAN & PROFILE CHECKED
NOTE BOOK
NO.
BY
DATE

MATCH LINE STA. 241+00

2'-WIDE EARTH SHOULDER

BORING NO. 27
STA. 244+68.93

DENSE VEGETATION

EXISTING R.O.W.

10'

66'

HERITAGE BIKEWAY

245+00

W

DENSE VEGETATION

EXISTING R.O.W.

DENSE VEGETATION

CONSTRUCTION LIMITS

GREENSPACE EAST TRAIL

DENSE VEGETATION

SAWCUT PAVEMENT

INFORMATION KIOSK

8'

W

CONSTRUCTION LIMITS

DENSE VEGETATION

BASELINE OF CONSTRUCTION

250+00

W

DENSE VEGETATION

EXISTING R.O.W.

100'

2'-WIDE EARTH SHOULDER

BORING NO. 28
STA. 250+10.78

DENSE VEGETATION

EXISTING R.O.W.

DENSE VEGETATION

FT STA 253+77.33

W

18' ROP

W

MATCH LINE STA. 255+00

PROP. CURVE MAIN-29
PI STA. = 243+77.59
Δ = 25° 19' 31" (LT)
D = 1° 14' 44"
R = 4,600.00'
T = 1,033.50'
L = 2,033.24'
E = 114.67'
P.C. STA. = 233+44.09
P.T. STA. = 253+77.33

PRIVATE DRIVE

N

0 50 100
SCALE

PROFILE
SURVEYED
PLOTTED
BRUCKS CHECKED
ALIGNMENT
STRUCTURE NO(S)/NO GRADE
NOTE BOOK
NO.
BY
DATE

550
545
540
535
530
525
520
515
510

VPI STA. 242+00.00
ELEVATION 531.20

K = 180
60.00' V.C.

VPI STA. 243+00.00
ELEVATION 531.80

SSD = 2644'
K = 145
60.00' V.C.

VPI STA. 243+75.00
ELEVATION 532.15

SSD = 1777'
K = 97
60.00' V.C.

VPI STA. 244+70.00
ELEVATION 532.26

K = 80
60.00' V.C.

VPI STA. 245+30.00
ELEVATION 532.78

SSD = 2520'
K = 138
60.00' V.C.

VPI STA. 245+80.00
ELEVATION 533.04

K = 38
60.00' V.C.

VPI STA. 246+60.00
ELEVATION 534.44

SSD = 464'
K = 24
60.00' V.C.

VPI STA. 247+20.00
ELEVATION 534.15

K = 88
60.00' V.C.

VPI STA. 248+00.00
ELEVATION 534.31

K = 82
60.00' V.C.

EXISTING TRAIL PROFILE

VPI STA. 250+50.00
ELEVATION 536.55

SSD = 694'
K = 385
60.00' V.C.

PROPOSED TRAIL PROFILE

K = 125
60.00' V.C.

VPI STA. 253+00.00
ELEVATION 538.60

VPI STA. 254+00.00
ELEVATION 539.86

SSD = 1859'
K = 102
60.00' V.C.

K = 100.00

VPI STA. 255+00.00

+0.81% +0.40% +0.40% +0.73% +0.12% +0.12% +0.87% +0.43% +2.00% -0.48% +0.20% +0.94% +0.94% +0.78% +1.26% +1.26% +0.67% +0.67%

NOTE:
THE BASELINE AS SHOWN HEREON IS BASED ON A CONTINUOUS MATHEMATICAL ALIGNMENT RUNNING THE LENGTH OF THE PROJECT AND IS PROVIDED FOR STATION/LOCATION REFERENCE ONLY. EXCEPT WHERE SPECIFICALLY DESIGNATED, RECONSTRUCTION OF THE TRAIL SHALL BE CENTERED OVER THE EXISTING TRAIL. VERTICAL PROFILE ADJUSTMENTS AS DEPICTED ON THE PLANS REFLECT PROFILE CORRECTIONS INTENDED ALONG A LINE CENTERED OVER THE EXISTING TRAIL SURFACE.

| 241+00 | 242+00 | 243+00 | 244+00 | 245+00 | 246+00 | 247+00 | 248+00 | 249+00 | 250+00 | 251+00 | 252+00 | 253+00 | 254+00 | 255+00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 529.98 / 530.39 | 530.43 / 530.79 | 530.94 / 531.17 | 531.18 / 531.40 | 531.39 / 531.63 | 531.75 / 531.97 | 531.92 / 532.18 | 531.97 / 532.24 | 532.20 / 532.52 | 532.60 / 532.86 | 532.87 / 533.29 | 534.01 / 534.16 | 533.84 / 534.25 | 533.98 / 534.21 | 534.07 / 534.37 | 534.60 / 534.78 | 535.05 / 535.25 | 535.45 / 535.71 | 535.95 / 536.18 | 536.33 / 536.64 | 536.68 / 537.04 | 537.05 / 537.43 | 537.52 / 537.82 | 537.97 / 538.21 | 538.39 / 538.64 | 538.93 / 539.23 | 539.55 / 539.82 | 540.01 / 540.20 | 540.28 / 540.63 |

| | | | |
|---|---|---|---|
| FILE NAME = planslt.dgn | USER NAME = Jeremy | DESIGNED - SAS | |
| | | DRAWN - JDH | |
| | PLOT SCALE = #SCALE# | CHECKED - WJB | |
| | PLOT DATE = 12/18/2012 | DATE - 11/30/12 | |

**MADISON COUNTY TRANSIT DISTRICT**
**HERITAGE BIKEWAY**

**PLAN AND PROFILE**

SCALE: 1" = 50' | SHEET NO. 11 OF 30 SHEETS | STA. 241+00.00 TO STA. 255+00.00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| | 06-00016-00-BT | MADISON | 310 | 42 |
| | | CONTRACT NO. 97433 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |