PROP. CURVE 1
PI STA. = 11+12.14
Δ = 15° 13' 33" (LT)
D = 11° 27' 33"
R = 500.00'
T = 66.83'
L = 132.87'
E = 4.45'
P.C. STA. = 10+45.31
P.T. STA. = 11+78.18

PROP. CURVE 2
PI STA. = 14+94.80
Δ = 4° 14' 52" (LT)
D = 3° 49' 11"
R = 1,500.00'
T = 55.63'
L = 111.21'
E = 1.03'
P.C. STA. = 14+39.17
P.R.C. STA. = 15+50.38

PROP. CURVE 3
PI STA. = 17+60.78
Δ = 13° 42' 42" (RT)
D = 3° 16' 27"
R = 1,750.00'
T = 210.40'
L = 418.79'
E = 12.60'
P.R.C. STA. = 15+50.38
P.C.C. STA. = 19+69.17

PROP. CURVE 4
PI STA. = 20+94.59
Δ = 14° 17' 50" (RT)
D = 5° 43' 46"
R = 1,000.00'
T = 125.42'
L = 249.53'
E = 7.83'
P.C.C. STA. = 19+69.17
P.R.C. STA. = 22+18.70

STA 14+25, 16.5' LT
1 EA - PRC FLAR END SEC 15
INV. 523.00

STA 14+25, 27.5' RT
1 EA - PRC FLAR END SEC 15
INV. 520.60

1 EA BOX CUL TO BE CLEANED

CP #2

TBM 'A'

TBM 'B'

CLASS SI CONC OUTLET (TYP)
SEE HWY STD 606201

BEGIN PROPOSED
MORRIS TRAIL
STA 10+02.07

PR DETECTABLE
WARNING PANEL

STA 10+50
3 EA BOLLARDS
(SEE CONSTR DETAILS)

TREE REMOVAL (ACRE)

PR TURF MAT AT EACH
GUTTER OUTLET (SEE EROSION &
SEDIMENT CONTROL SHEETS)

P CUL CL A I 15"
28 LF @ 6.00% SLOPE
3 CU YD TRENCH BACKFILL

GRADE TO DRAIN
TO EX SWALE

℄ MORRIS TRAIL (ASPH)

℄ NORTH UNIVERSITY DRIVE (CONC)

AGG SHOULDER

CONSTR LIMITS

MATCH LINE STA 22+00

+97.9
33.0' RT

+16.7
38.5' RT

+25.4
30.7' RT

LEGEND

- TREE REMOVAL
- CONSTRUCTION LIMITS
- PROPOSED TREE
- PROPOSED TURF REINFORCEMENT MAT

50' 0 50' 100'
SCALE: 1" = 50'

CP #2: IRON BAR W/ CAP
STA 9+87.36, 82.45' LT
N.: 2,348,048.92 E.: 779,110.02
ELEV = 534.10

TBM 'A' - CUT "□"
STA 9+94.82, 73.03' LT
ELEV = 533.32

TBM 'B' - CUT "□"
STA 18+58.36, 62.02' LT
ELEV = 519.93

SPL DITCH LT

SPL DITCH RT

PR PIPE CULVERT, 15"

PROPOSED PROFILE GRADE

EXISTING GROUND LINE

+05.00
524.05

+05.00
523.90

+50.00
525.51

+50.00
525.21

+25.00
525.20

+00.00
523.76

+25.00
523.20

+95.00 EL. 523.78

+95.00 EL. 522.83

+50.00 EL. 520.44

525.06

523.81

+1.50%

-0.35%

+2.90%

-2.00%

+0.75%

-1.55%

-1.55%

100.00' V.C.
K=54.2
M=0.23

100.00' V.C.
K=83.5
M=0.15

100.00'
V.C.
K=80.2
M=0.16

HP STA. 11+31.09
EL. 526.41

VPI STA. 11+00.00
ELEVATION 526.55

VPI STA. 19+45.00
ELEVATION 523.61

VPI STA. 22+00.00
ELEVATION 519.66

533.81	525.08 525.06	531.90 525.81	531.84 526.32	530.60 526.38	529.44 526.20	528.14 526.03	526.57 525.86	524.67 525.68	522.39 525.51	522.14 525.33	522.74 525.16	523.54 524.98	523.50 524.81	523.20 524.64	523.60 524.46	523.84 524.29	523.45 524.11	523.44 523.94	523.15 523.76	522.92 523.41	521.97 522.76	521.00 521.98	519.44 521.21	519.16 520.44	518.93 519.82
10+00			11+00		12+00		13+00		14+00		15+00		16+00		17+00		18+00		19+00		20+00		21+00		22+00	

FILE NAME = 0829873-sht-plnprf.dgn	USER NAME = randy	DESIGNED - TLC	REVISED -
	PLOT TIME = 10:02:55 AM	DRAWN - RGV	REVISED -
	PLOT SCALE = 100.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 6/11/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEETS

SCALE: 1"=50' | SHEET NO. 1 OF 3 SHEETS | STA. 10+00 | TO STA. 22+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00006-01-BT	MADISON	33	9
MORRIS TRAIL		CONTRACT NO. 97499		
	ILLINOIS FED. AID PROJECT			