BENCH MARK: #1
DESC. STAINLESS STEEL ROD IN PVC HANDHOLE
LOCATED 27' SOUTH OF ℄ BELLSCHOOL ROAD,
80' NORTH OF ℄ WESTBOUND HARRISON ROAD AND
28' EAST OF LIGHT POLE.
ELEV. 773.46

N

MATCH LINE 26+50.00

MATCH LINE 30+50.00

EXIST. R.O.W.

BRUSH REMOVAL
0.07 ACRES

BRUSH REMOVAL
0.13 ACRES

24.6' LT. STA. 28+53.56
MANHOLE 4' DIA. OL
RIM 764.32
INV. 761.77(N)
INV. 759.84(S)

EX. 18" S.S.

SAW CUT
REMOVE AND REPLACE
HMA PAVEMENT
5.0'

REMOVE AND REPLACE
CONCRETE CURB AND GUTTER
TY. B-6.18, 70 FOOT
2.0'

MATCH EX. TC

MATCH EX. TC

12°30'45" Lt

12°30'45" Rt

C14

L=30.00'

EXIST. 8" & 10" PVC SAN. SWR. PIPE

145' SS RCCP T1
24" @ 0.50%

26' RT. STA. 29+82.5
MANHOLE 4' DIA.
RIM 765.97
INV. 761.75(N)
INV. 761.65(SW)

20' SS RCCP T1
24" @ 0.50%

23.1' RT.
STA. 29+60.15
24" FES
INV. 761.55

EXIST. R.O.W.

EXIST. 97.1' 10" PVC SAN. SWR. PIPE

INLET PROTECTION

PC Sta 27+12.25

PT Sta 27+33.63

10.0'

20'

1.27

C12

MULTI-USE PATH

1.28

20'

15"

BASELINE/P.C.L.

29' SS RCCP
T1-24" @ 0.51%

EXIST. R.O.W.

EDGE OF SHOULDER

HARRISON AVENUE

45' PERIMETER EROSION BARRIER

PC Sta 28+54.50

EXISTING CULVERT

18"

1.29

20'

4" THPL PVT MK
3'-9" SP (YEL)

GRADE AND SHAPE DITCH

12' RT. STA. 28+58.15
24" FES
INV. 759.66

ROLLED EROSION
CONTROL TEMP. DITCH CHECK

P.T.PED

SAN. MH
156-229

PROP. CURVE C12	PROP. CURVE C13	PROP. CURVE C14
PI STA. = 27+22.97	PI STA. = 29+45.22	PI STA. = 30+52.46
Δ = 11° 08' 11" (LT)	Δ = 79° 01' 29" (LT)	Δ = 20° 16' 15" (LT)
D = 52° 05' 13"	D = 52° 05' 13"	D = 28° 38' 52"
R = 110.00'	R = 110.00'	R = 200.00'
T = 10.72'	T = 90.72'	T = 35.75'
L = 21.38'	L = 151.72'	L = 70.76'
E = 0.52'	E = 32.58'	E = 3.17'
e = -----	e = -----	e = -----
T.R. = -----	T.R. = -----	T.R. = -----
S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----
P.C. STA = 27+12.25	P.C. STA = 28+54.50	P.C. STA = 30+16.71
P.T. STA = 27+33.63	P.T. STA = 30+06.21	P.T. STA = 30+87.47

5' 10' 20' 40' 60'
SCALE

785
780
775
770
765
760
755
750

P.C.L.
EXIST. PROFILE ⊕ BASELINE

+07.00 EL. 763.98

K = 10
80.00' V.C.

+87.00 EL. 764.82

-2.90%

+5.00%

VPI STA. 28+47.00
ELEVATION 762.82

+97.00 EL. 765.32

VPI STA. 29+37.00
ELEVATION 767.33

+5.00%

+0.35%

+0.35%

K = 7
80.00' V.C.

+17.00 EL. 767.17

15'
10'
5'
4'
3'
2'
1'
0'

0' 5' 10' 20' 40' 60'

767.79	765.39	764.28	763.31	762.15	763.59	768.22	766.88	766.84
768.54	767.09	765.64	764.19	763.65	765.47	767.16	767.55	767.72
26+50	27+00	27+50	28+00	28+50	29+00	29+50	30+00	30+50

REVISION	DATE	BY	REMARKS
#1	03/22/13	TJA	IDOT COMMENTS FROM JAN. 28, 2013

DRAWN T.J.A.
CHECKED C.J.B.
APPROVED C.J.B.

WINNEBAGO COUNTY
VILLAGE OF CHERRY VALLEY
PERRYVILLE PATH SOUTHEAST CONNECTION

WILLETT HOFMANN & ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
57 AIRPORT DRIVE, ROCKFORD, IL 61109
T. 815.964.2882 DESIGN FIRM: #184.000918

PERRYVILLE PATH PLAN & PROFILE

STA. 26+50.00 – STA. 30+50.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00302-00-BT	WINNEBAGO		
STA. 00+00.00 - STA. 172+20.37		124	23
WHA #: 1139001	DATE: 03/01/2013		

FILE = S:\PROJECTS\2001\1139001_Phase II\DESIGN\23\harrisonpplsheet.dgn