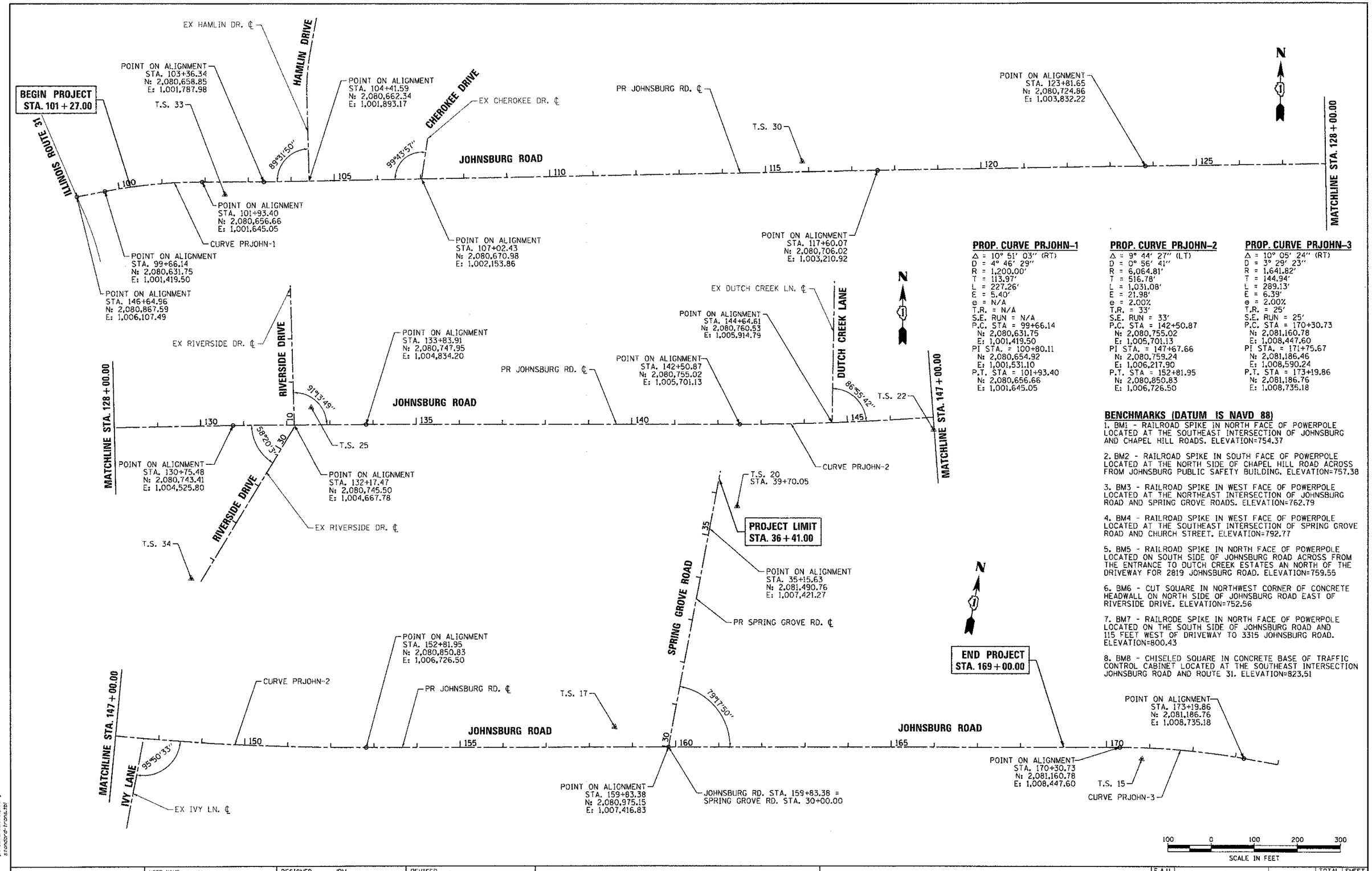

PROP. CURVE PRJOHN-1
Δ = 10° 51' 03" (RT)
D = 4° 46' 29"
R = 1,200.00'
T = 113.97'
L = 227.26'
E = 5.40'
e = N/A
T.R. = N/A
S.E. RUN = N/A
P.C. STA = 99+66.14
N: 2,080,631.75
E: 1,001,419.50
PI STA. = 100+80.11
N: 2,080,654.92
E: 1,001,531.10
P.T. STA = 101+93.40
N: 2,080,656.66
E: 1,001,645.05

PROP. CURVE PRJOHN-2
Δ = 9° 44' 27" (LT)
D = 0° 56' 41"
R = 6,064.81'
T = 516.78'
L = 1,031.08'
E = 21.98'
e = 2.00%
T.R. = 33'
S.E. RUN = 33'
P.C. STA = 142+50.87
N: 2,080,755.02
E: 1,005,701.13
PI STA. = 147+67.66
N: 2,080,759.24
E: 1,006,217.90
P.T. STA = 152+81.95
N: 2,080,850.83
E: 1,006,726.50

PROP. CURVE PRJOHN-3
Δ = 10° 05' 24" (RT)
D = 3° 29' 23"
R = 1,641.82'
T = 144.94'
L = 289.13'
E = 6.39'
e = 2.00%
T.R. = 25'
S.E. RUN = 25'
P.C. STA = 170+30.73
N: 2,081,160.78
E: 1,008,447.60
PI STA. = 171+75.67
N: 2,081,186.46
E: 1,008,590.24
P.T. STA = 173+19.86
N: 2,081,186.76
E: 1,008,735.18

BENCHMARKS (DATUM IS NAVD 88)

1. BM1 - RAILROAD SPIKE IN NORTH FACE OF POWERPOLE LOCATED AT THE SOUTHEAST INTERSECTION OF JOHNSBURG AND CHAPEL HILL ROADS. ELEVATION=754.37

2. BM2 - RAILROAD SPIKE IN SOUTH FACE OF POWERPOLE LOCATED AT THE NORTH SIDE OF CHAPEL HILL ROAD ACROSS FROM JOHNSBURG PUBLIC SAFETY BUILDING. ELEVATION=757.38

3. BM3 - RAILROAD SPIKE IN WEST FACE OF POWERPOLE LOCATED AT THE NORTHEAST INTERSECTION OF JOHNSBURG ROAD AND SPRING GROVE ROADS. ELEVATION=762.79

4. BM4 - RAILROAD SPIKE IN WEST FACE OF POWERPOLE LOCATED AT THE SOUTHEAST INTERSECTION OF SPRING GROVE ROAD AND CHURCH STREET. ELEVATION=792.77

5. BM5 - RAILROAD SPIKE IN NORTH FACE OF POWERPOLE LOCATED ON SOUTH SIDE OF JOHNSBURG ROAD ACROSS FROM THE ENTRANCE TO DUTCH CREEK ESTATES AN NORTH OF THE DRIVEWAY FOR 2819 JOHNSBURG ROAD. ELEVATION=759.55

6. BM6 - CUT SQUARE IN NORTHWEST CORNER OF CONCRETE HEADWALL ON NORTH SIDE OF JOHNSBURG ROAD EAST OF RIVERSIDE DRIVE. ELEVATION=752.56

7. BM7 - RAILRODE SPIKE IN NORTH FACE OF POWERPOLE LOCATED ON THE SOUTH SIDE OF JOHNSBURG ROAD AND 115 FEET WEST OF DRIVEWAY TO 3315 JOHNSBURG ROAD. ELEVATION=800.43

8. BM8 - CHISELED SQUARE IN CONCRETE BASE OF TRAFFIC CONTROL CABINET LOCATED AT THE SOUTHEAST INTERSECTION JOHNSBURG ROAD AND ROUTE 31. ELEVATION=823.51

COMPANY NAME: HRGreen
PROJECT CONTACT:
CLIENT:
DATE PLOTTED: 12/19/2012 2:25:23 PM
FILE NAME: 080622-tie-01.dgn
PLOT DRIVER: pdf.pc.no.javadutch.cfg
PEN TABLE: standard-trans.tbl

HRGreen.com
Illinois Professional Design Firm
184-001322

USER NAME = jattana	DESIGNED - JRM	REVISED -
FILE NAME = 080622-tie-01.dgn	DRAWN - JPA	REVISED -
PLOT SCALE = 1" = 100'	CHECKED - TH	REVISED -
PLOT DATE = 12/19/2012	DATE - 12/19/12	REVISED -

MCHENRY COUNTY
DIVISION OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 100' | SHEET NO. 1 OF 2 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
168	05-00314-00-WR	MCHENRY	187	21
		CONTRACT NO.		63515
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		