



BENCHMARKS

- BM #1: VILLAGE OF NILES MONUMENT NO. 1 - SURVEY MONUMENT LOCATED APPROXIMATELY 137 FEET EAST/NORTHEAST OF THE CENTERLINE OF MILWAUKEE AVENUE AND 17 FEET NORTH/NORTHWEST OF THE CENTERLINE OF EBINGER STREET. ELEVATION = 619.93
- BM #2: CUT CROSS IN CONCRETE SIDEWALK APPROXIMATELY 24 FEET EAST/NORTHEAST OF THE CENTERLINE OF MILWAUKEE AVENUE AND 51 FEET NORTH OF THE CENTERLINE OF WEST ALBIAN AVENUE. ELEVATION = 622.53
- BM #3: CUT CROSS IN CONCRETE SIDEWALK APPROXIMATELY 27 FEET EAST/NORTHEAST OF THE CENTERLINE OF MILWAUKEE AVENUE AND 52 FEET SOUTH OF THE CENTERLINE OF BIRCHWOOD AVENUE. ELEVATION = 641.62

CURVE PMILWAU-1

Δ = 1° 25' 07" (LT)
 D = 0° 37' 22"
 R = 9,200.00'
 T = 113.90'
 L = 227.78'
 E = 0.70'
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA. = 109+51.22
 N: 1,943,743.35
 E: 1,131,397.00
 P.I. STA. = 110+65.12
 N: 1,943,838.17
 E: 1,131,333.91
 P.T. STA. = 111+79.00
 N: 1,943,931.41
 E: 1,131,268.49

CURVE PMILWAU-2

Δ = 4° 33' 40" (RT)
 D = 2° 17' 30"
 R = 2,500.30'
 T = 99.57'
 L = 199.04'
 E = 1.98'
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA. = 158+45.34
 N: 1,947,744.69
 E: 1,128,579.00
 P.I. STA. = 159+44.91
 N: 1,947,825.85
 E: 1,128,521.31
 P.T. STA. = 160+44.38
 N: 1,947,911.34
 E: 1,128,470.26

CURVE ETOUHY-1

Δ = 18° 06' 06" (LT)
 D = 5° 51' 09"
 R = 979.40'
 T = 156.01'
 L = 309.29'
 E = 12.35'
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA. = 425+10.86
 N: 1,947,304.93
 E: 1,128,410.23
 P.T. STA. = 428+20.15
 N: 1,947,306.60
 E: 1,128,566.24
 P.I. STA. = 426+66.87
 N: 1,947,356.66
 E: 1,128,714.00

CURVE ETOUHY-2

Δ = 3° 31' 48" (RT)
 D = 1° 20' 13"
 R = 4,285.71'
 T = 132.06'
 L = 264.04'
 E = 2.03'
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA. = 430+53.99
 N: 1,947,431.69
 E: 1,128,935.48
 P.I. STA. = 431+86.05
 N: 1,947,474.06
 E: 1,129,060.56
 P.T. STA. = 433+18.03
 N: 1,947,508.65
 E: 1,129,188.01

VILLAGE OF NILES

ALIGNMENT, TIE & BENCHMARKS MILWAUKEE AVENUE

USER NAME = chartke	DESIGNED - JPA	REVISED -
PLOT SCALE = 1" = 100'	DRAWN - JPA	REVISED -
PLOT DATE = 12/22/2008	CHECKED - JLP	REVISED -
	DATE - 12/16/08	REVISED -

SCALE: 1" = 100' SHEET NO. 1 OF 2 SHEETS STA. BEGIN TO STA. 160+00

F.A.U. RTE. 3513	SECTION 08-00107-00-PV	COUNTY COOK	TOTAL SHEETS 169	SHEET NO. 12
CONTRACT NO. 08031723				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT M - 80031723				

MILWAUKEE AVENUE IMPROVEMENTS
 06/23/08
 06/23/08-Hr-01.dgn