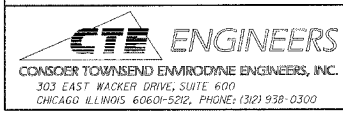


BENCH MARK NO. 3528 ELEV. 16.20	BENCH MARK NO. 3535 ELEV. 19.31
DESCRIPTION: CROSS CUT ON NORTHWESTERLY BOLT OF FIRE HYDRANT AT THE NORTHWEST CORNER OF 45TH ST AND WENTWORTH AVE	DESCRIPTION: FOUND CROSS CUT ON SOUTHERLY FLANGE BOLT OF FIRE HYDRANT AT THE NORTHEAST CORNER OF 59TH ST AND WENTWORTH AVE
BENCH MARK NO. 3530 ELEV. 18.18	BENCH MARK NO. 3536 ELEV. 18.37
DESCRIPTION: CROSS CUT ON SOUTHEAST BOLT OF LIGHT POLE BASE AT THE NORTHWEST CORNER OF 51ST ST AND WELLS ST	DESCRIPTION: CROSS CUT ON SOUTHEASTERLY FLANGE BOLT OF FIRE HYDRANT AT THE SOUTHEAST CORNER OF GARFIELD BLVD AND WENTWORTH AVE
BENCH MARK NO. 3531 ELEV. 17.55	BENCH MARK NO. 3537 ELEV. 17.71
DESCRIPTION: CROSS CUT ON NORTHEASTERLY FLANGE BOLT OF FIRE HYDRANT AT THE NORTHEAST CORNER OF GARFIELD BLVD AND WELLS ST	DESCRIPTION: CROSS CUT ON NORTHEASTERLY FLANGE BOLT OF FIRE HYDRANT AT THE NORTHEAST CORNER OF 51ST ST AND WENTWORTH AVE
BENCH MARK NO. 3532 ELEV. 18.84	BENCH MARK NO. 3538 ELEV. 17.31
DESCRIPTION: HORIZONTAL BOLT ON CTA "EL" STRUCTURE, EAST SIDE OF WELLS ST ABOUT 50 FEET NORTH OF 59TH PL.	DESCRIPTION: CROSS CUT ON EASTERLY FLANGE BOLT OF FIRE HYDRANT AT THE NORTHEAST CORNER OF 47TH ST AND LASALLE ST
BENCH MARK NO. 3533 ELEV. 19.71	BENCH MARK NO. 3544 ELEV. 19.38
DESCRIPTION: BRASS DISK (CTA MONUMENT) AT THE SOUTHWEST CORNER OF 63RD ST AND HARVARD ST	DESCRIPTION: CROSS CUT ON WESTERLY FLANGE BOLT OF FIRE HYDRANT AT THE NORTHWEST CORNER OF 67TH ST AND LAFAYETTE AVE
	BENCH MARK NO. 3545 ELEV. 10.53
	DESCRIPTION: CROSS CUT ON NORTHWEST BOLT OF LIGHT POLE BASE AT THE NORTHWEST CORNER OF 71ST ST AND LAFAYETTE AVE

CURVE NBRMPO1	CURVE NBRMPO2	CURVE NBRMPO3	CURVE NBRMPO4
P.I. STA= 8200+00.02 N= 1,858,147.27 E= 1,177,489.42 Δ= 4° 44' 18" D= 28° 38' 52" R= 200.00' T= 8.27' L= 16.54 E= 0.17' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 8199+91.75 N= 1,858,139.01 E= 1,177,489.70 P.T. STA= 8200+08.29 N= 1,858,155.49 E= 1,177,488.45	P.I. STA= 8208+54.00 N= 1,858,995.39 E= 1,177,389.40 Δ= 4° 55' 59" D= 3° 49' 11" R= 1,500.00' T= 64.61' L= 129.15 E= 1.39' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 8207+89.39 N= 1,858,931.22 E= 1,177,396.97 P.T. STA= 8209+18.54 N= 1,859,059.97 E= 1,177,387.38	P.I. STA= 8211+46.07 N= 1,859,287.39 E= 1,177,380.27 Δ= 0° 19' 12" D= 0° 24' 36" R= 13,976.00' T= 39.03' L= 78.05 E= 0.05' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 8211+07.05 N= 1,859,248.39 E= 1,177,381.49 P.T. STA= 8211+85.10 N= 1,859,326.41 E= 1,177,379.26	P.I. STA= 8212+33.29 N= 1,859,374.58 E= 1,177,378.02 Δ= 3° 40' 48" D= 3° 49' 11" R= 1,500.00' T= 48.19' L= 96.34 E= 0.77' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 8211+85.10 N= 1,859,326.41 E= 1,177,379.26 P.T. STA= 8212+81.44 N= 1,859,422.73 E= 1,177,379.88

CURVE NBRMPO5	CURVE SBDR03	CURVE SBDR04	CURVE SBDR05
P.I. STA= 8216+45.61 N= 1,859,482.02 E= 1,177,311.68 Δ= 2° 27' 33" D= 2° 27' 33" R= 1,500.00' T= 27.33' L= 27.33' E= 0.77' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 8215+73.07 N= 1,859,482.02 E= 1,177,311.68 P.T. STA= 8216+45.61 N= 1,859,482.02 E= 1,177,311.68	P.I. STA= 8216+21.17 N= 1,859,762.21 E= 1,177,392.97 Δ= 3° 40' 25" D= 3° 49' 11" R= 1,500.00' T= 48.10' L= 96.17' E= 0.77' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 8215+73.07 N= 1,859,714.14 E= 1,177,391.11 P.T. STA= 8216+21.17 N= 1,859,810.29 E= 1,177,391.74	P.I. STA= 8216+45.61 N= 1,859,482.02 E= 1,177,311.68 Δ= 2° 27' 33" D= 2° 27' 33" R= 1,500.00' T= 27.33' L= 27.33' E= 0.77' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 8215+73.07 N= 1,859,482.02 E= 1,177,311.68 P.T. STA= 8216+45.61 N= 1,859,482.02 E= 1,177,311.68	P.I. STA= 8216+21.17 N= 1,859,762.21 E= 1,177,392.97 Δ= 3° 40' 25" D= 3° 49' 11" R= 1,500.00' T= 48.10' L= 96.17' E= 0.77' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 8215+73.07 N= 1,859,714.14 E= 1,177,391.11 P.T. STA= 8216+21.17 N= 1,859,810.29 E= 1,177,391.74

CURVE SBDR03	CURVE SBDR04	CURVE SBDR05	CURVE SBDR06
P.I. STA= 8216+21.17 N= 1,859,762.21 E= 1,177,392.97 Δ= 3° 40' 25" D= 3° 49' 11" R= 1,500.00' T= 48.10' L= 96.17' E= 0.77' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 8215+73.07 N= 1,859,714.14 E= 1,177,391.11 P.T. STA= 8216+21.17 N= 1,859,810.29 E= 1,177,391.74	P.I. STA= 8216+21.17 N= 1,859,762.21 E= 1,177,392.97 Δ= 3° 40' 25" D= 3° 49' 11" R= 1,500.00' T= 48.10' L= 96.17' E= 0.77' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 8215+73.07 N= 1,859,714.14 E= 1,177,391.11 P.T. STA= 8216+21.17 N= 1,859,810.29 E= 1,177,391.74	P.I. STA= 8216+21.17 N= 1,859,762.21 E= 1,177,392.97 Δ= 3° 40' 25" D= 3° 49' 11" R= 1,500.00' T= 48.10' L= 96.17' E= 0.77' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 8215+73.07 N= 1,859,714.14 E= 1,177,391.11 P.T. STA= 8216+21.17 N= 1,859,810.29 E= 1,177,391.74	P.I. STA= 8216+21.17 N= 1,859,762.21 E= 1,177,392.97 Δ= 3° 40' 25" D= 3° 49' 11" R= 1,500.00' T= 48.10' L= 96.17' E= 0.77' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 8215+73.07 N= 1,859,714.14 E= 1,177,391.11 P.T. STA= 8216+21.17 N= 1,859,810.29 E= 1,177,391.74



NOTES:
1. AVERAGE GRID TO GROUND CONVERSION FACTOR = 1.000010988654360