

**BENCHMARK**

RAILROAD SPIKE IN POWER POLE ON THE EAST SIDE OF THOMPSON ROAD AT THE INTERSECTION WITH WONDERMERE ROAD. ELEV. 824.79 (NAVD 88)

**PROP. CURVE 1**

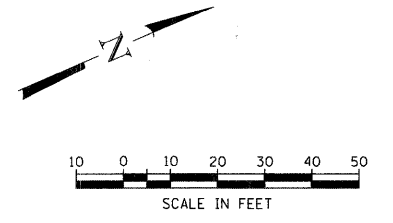
PI STA. = 203+78.38  
 $\Delta = 30^\circ 09' 26''$  (RT)  
 $D = 45^\circ 50' 12''$   
 $R = 125.00'$   
 $T = 33.68'$   
 $L = 65.79'$   
 $E = 4.46'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. \text{ RUN} = \text{---}$   
 $P.C. \text{ STA} = 203+44.70$   
 $P.T. \text{ STA} = 204+10.49$

**PROP. CURVE 2**

PI STA. = 205+07.37  
 $\Delta = 6^\circ 49' 55''$  (LT)  
 $D = 12^\circ 43' 57''$   
 $R = 450.00'$   
 $T = 26.86'$   
 $L = 53.66'$   
 $E = 0.80'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. \text{ RUN} = \text{---}$   
 $P.C. \text{ STA} = 204+80.51$   
 $P.T. \text{ STA} = 205+34.17$

**PROP. CURVE 3**

PI STA. = 207+91.70  
 $\Delta = 23^\circ 39' 20''$  (LT)  
 $D = 13^\circ 58' 28''$   
 $R = 410.00'$   
 $T = 85.86'$   
 $L = 169.28'$   
 $E = 8.89'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. \text{ RUN} = \text{---}$   
 $P.C. \text{ STA} = 207+05.84$   
 $P.T. \text{ STA} = 208+75.12$



COMPANY NAME: SEC GROUP, INC.  
 PROJECT CONTACT: Robert G. Davies  
 CLIENT: Village of Wonder Lake  
 DATE PLOTTED: 11/30/2009 5:52:12 PM  
 FILE NAME: 08256317.dgn  
 PLOT TABLE: Standard-Trans.tbl



USER NAME = wwood	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1"=20'	CHECKED - KMA	REVISED -
PLOT DATE = 11/30/2009	DATE - 11/18/09	REVISED -

**VILLAGE OF WONDER LAKE**

**ALIGNMENT AND TIES  
THOMPSON ROAD**

SCALE: 1"=20'    SHEET NO.    OF    SHEETS    STA.    TO    STA.

F.A.U. RTE. 4081	SECTION 06-00005-00-BR	COUNTY MCHENRY	TOTAL SHEETS 45	SHEET NO. 7
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63409	