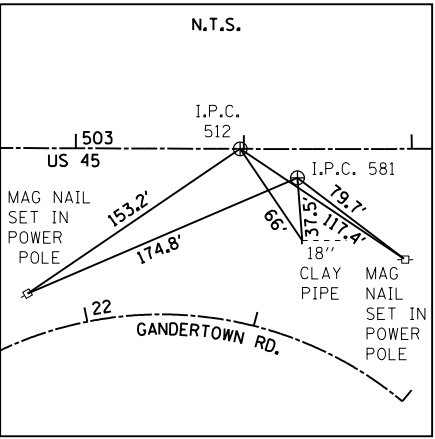


P.O.T. STA. 10+00.00 @ ALEXANDER RD.  
 STA. 482+50.00 @ U.S. 45  
 P.O.T. STA. 10+00.00 @ S. COOK RD.  
 N. 422,050.1124  
 E. 957,694.8482



P.C. STA. 503+97.83 @ U.S. 45  
 N. 423,911.7353  
 E. 958,766.0896  
 P.I. STA. 23+49.87 @ GANDERTOWN RD.  
 N. 423,932.8046  
 E. 958,797.9601

PROP. CURVE C02  
 PI STA. = 509+52.63  
 $\Delta = 4^\circ 40' 37''$  (LT)  
 D = 0' 25' 18"  
 R = 13,585.55'  
 T = 554.80'  
 L = 1,108.98'  
 E = 11.32'  
 e = 1.55%  
 T.R. = 67.84'  
 S.E. RUN = 70.10'  
 P.C. STA = 503+97.83  
 P.T. STA = 515+06.81

PROP. CURVE SC30  
 PI STA. = 3+09.70  
 $\Delta = 56^\circ 57' 05''$  (RT)  
 D = 20' 50' 05"  
 R = 275.00'  
 T = 149.16'  
 L = 273.35'  
 E = 37.85'  
 e = 6.00%  
 T.R. = 25.00'  
 S.E. RUN = 100.00'  
 P.C. STA = 1+60.54  
 P.T. STA = 4+33.88

PROP. CURVE SC31  
 PI STA. = 7+42.94  
 $\Delta = 26^\circ 20' 11''$  (LT)  
 D = 20' 50' 05"  
 R = 275.00'  
 T = 64.34'  
 L = 126.41'  
 E = 7.43'  
 e = 6.00%  
 T.R. = 25.00'  
 S.E. RUN = 100.00'  
 P.C. STA = 6+78.60  
 P.T. STA = 8+05.00

PROP. CURVE SC32  
 PI STA. = 11+23.69  
 $\Delta = 44^\circ 11' 26''$  (RT)  
 D = 49' 49' 21"  
 R = 115.00'  
 T = 46.69'  
 L = 88.70'  
 E = 9.12'  
 e = 6.00%  
 T.R. = 14.00'  
 S.E. RUN = 57.00'  
 P.C. STA = 10+77.01  
 P.T. STA = 11+65.70

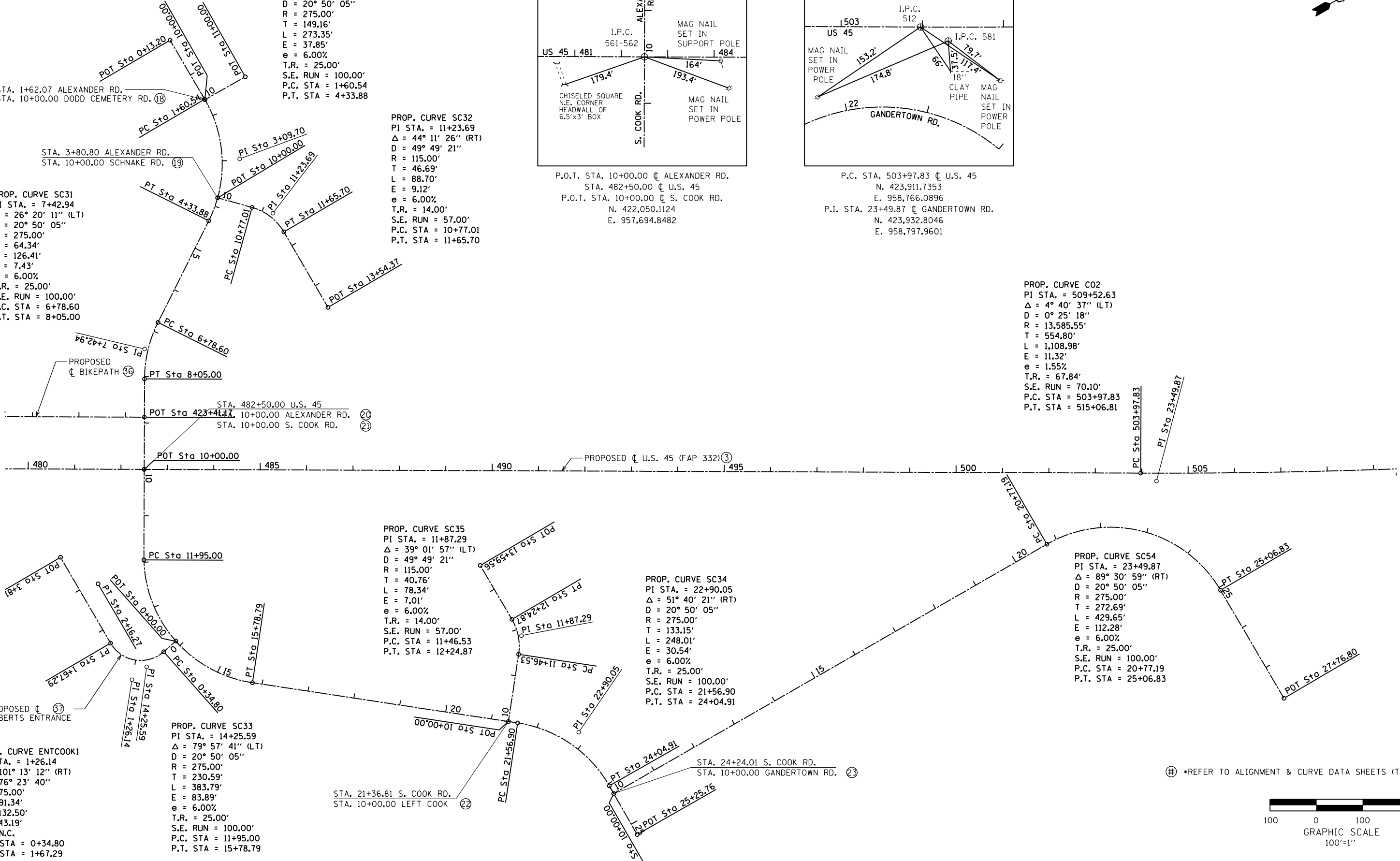
PROP. CURVE SC35  
 PI STA. = 11+87.29  
 $\Delta = 39^\circ 01' 57''$  (LT)  
 D = 49' 49' 21"  
 R = 115.00'  
 T = 40.76'  
 L = 78.34'  
 E = 7.01'  
 e = 6.00%  
 T.R. = 14.00'  
 S.E. RUN = 57.00'  
 P.C. STA = 11+46.53  
 P.T. STA = 12+24.87

PROP. CURVE SC34  
 PI STA. = 22+90.05  
 $\Delta = 51^\circ 40' 21''$  (RT)  
 D = 20' 50' 05"  
 R = 275.00'  
 T = 133.15'  
 L = 248.01'  
 E = 30.54'  
 e = 6.00%  
 T.R. = 25.00'  
 S.E. RUN = 100.00'  
 P.C. STA = 21+56.90  
 P.T. STA = 24+04.91

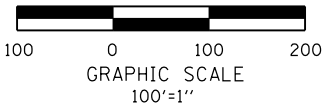
PROP. CURVE SC54  
 PI STA. = 23+49.87  
 $\Delta = 89^\circ 30' 59''$  (RT)  
 D = 20' 50' 05"  
 R = 275.00'  
 T = 272.69'  
 L = 429.65'  
 E = 112.28'  
 e = 6.00%  
 T.R. = 25.00'  
 S.E. RUN = 100.00'  
 P.C. STA = 20+77.19  
 P.T. STA = 25+06.83

PROP. CURVE SC33  
 PI STA. = 14+25.59  
 $\Delta = 79^\circ 57' 41''$  (LT)  
 D = 20' 50' 05"  
 R = 275.00'  
 T = 230.59'  
 L = 383.79'  
 E = 83.89'  
 e = 6.00%  
 T.R. = 25.00'  
 S.E. RUN = 100.00'  
 P.C. STA = 11+95.00  
 P.T. STA = 15+78.79

PROP. CURVE ENT00K1  
 PI STA. = 1+26.14  
 $\Delta = 101^\circ 13' 12''$  (RT)  
 D = 76' 23' 40"  
 R = 75.00'  
 T = 91.34'  
 L = 132.50'  
 E = 43.19'  
 e = N.C.  
 P.C. STA = 0+34.80  
 P.T. STA = 1+67.29



⊕ REFER TO ALIGNMENT & CURVE DATA SHEETS (TYP.)



FILE NAME = P:\Projects\2011 Projects\11297 - IDOT US 45 Ph2\CV\CADD Sheets\0978077-sht-ATB-Ties.dwg	USER NAME = bemery	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ALIGNMENTS &amp; TIES U.S. 45, ALEXANDER RD., S. COOK RD. &amp; GANDERTOWN RD.</b>			F.A.P. RTE. = 332	SECTION = (29,30)R-1	COUNTY = SALINE	TOTAL SHEETS = 745	SHEET NO. = 70
	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -					SCALE: 100'=1"	SHEET 4 OF 11 SHEETS	STA. TO STA.	CONTRACT NO. 78077	
Default	PLOT DATE = 4/30/2014	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				