

PROP. CURVE 70E55N-1  
 PI STA. = 55+46.88  
 $\Delta = 10^\circ 06' 07''$  (RT)  
 $D = 1^\circ 56' 04''$   
 $R = 2,962.00'$   
 $T = 261.80'$   
 $L = 522.24'$   
 $E = 11.55'$   
 $e = 3.40\%$   
 T.R. ATTAINMENT= 36.00'  
 S.E. RUN ATTAINMENT= 104.00'  
 T.R. REMOVAL = 0.00'  
 S.E. RUN REMOVAL = 122.00'  
 P.C. STA = 52+85.08  
 P.T. STA = 58+07.32

PROP. CURVE 70E55N-2  
 PI STA. = 71+23.23  
 $\Delta = 87^\circ 23' 14''$  (LT)  
 $D = 5^\circ 12' 31''$   
 $R = 1,100.00'$   
 $T = 1,050.95'$   
 $L = 1,677.71'$   
 $E = 421.34'$   
 $e = 5.80\%$   
 T.R. ATTAINMENT= 0.00'  
 S.E. RUN ATTAINMENT= 209.00'  
 T.R. REMOVAL = 0.00'  
 S.E. RUN REMOVAL = 137.00'  
 P.C. STA = 60+72.28  
 P.T. STA = 77+49.99

PROP. CURVE 70E55N-3  
 PI STA. = 86+06.22  
 $\Delta = 20^\circ 41' 07''$  (LT)  
 $D = 1^\circ 54' 35''$   
 $R = 1,100.00'$   
 $T = 547.50'$   
 $L = 1,083.08'$   
 $E = 49.55'$   
 $e = 3.40\%$   
 T.R. ATTAINMENT= 0.00'  
 S.E. RUN ATTAINMENT= 50.00'  
 T.R. REMOVAL = N/A  
 S.E. RUN REMOVAL = N/A  
 P.C. STA = 80+58.72  
 P.T. STA = 91+41.80

PROP. CURVE 70E55N-4  
 PI STA. = 92+44.00  
 $\Delta = 5^\circ 26' 52''$  (LT)  
 $D = 2^\circ 40' 03''$   
 $R = 3,000.00'$   
 $T = 102.19'$   
 $L = 204.23'$   
 $E = 2.43'$   
 $e = 4.20\%$   
 T.R. ATTAINMENT= 0.00'  
 S.E. RUN ATTAINMENT= 29.00'  
 T.R. REMOVAL = 25.00'  
 S.E. RUN REMOVAL = 151.00'  
 P.C. STA = 91+41.80  
 P.T. STA = 93+46.03

PROP. CURVE 70E64E-1  
 PI STA. = 49+22.39  
 $\Delta = 14^\circ 20' 13''$  (RT)  
 $D = 1^\circ 56' 04''$   
 $R = 2,962.00'$   
 $T = 372.53'$   
 $L = 741.17'$   
 $E = 23.33'$   
 $e = 3.40\%$   
 T.R. ATTAINMENT= 0.00'  
 S.E. RUN ATTAINMENT= 61.00'  
 T.R. REMOVAL = 0.00'  
 S.E. RUN REMOVAL = 61.00'  
 P.C. STA = 45+49.86  
 P.T. STA = 52+91.03

PROP. CURVE 70E64E-2  
 PI STA. = 58+60.45  
 $\Delta = 27^\circ 33' 46''$  (LT)  
 $D = 4^\circ 32' 50''$   
 $R = 1,260.00'$   
 $T = 309.05'$   
 $L = 606.14'$   
 $E = 37.35'$   
 $e = 5.60\%$   
 T.R. ATTAINMENT= 48.00'  
 S.E. RUN ATTAINMENT= 179.00'  
 T.R. REMOVAL = 48.00'  
 S.E. RUN REMOVAL = 179.00'  
 P.C. STA = 55+51.40  
 P.T. STA = 61+57.54

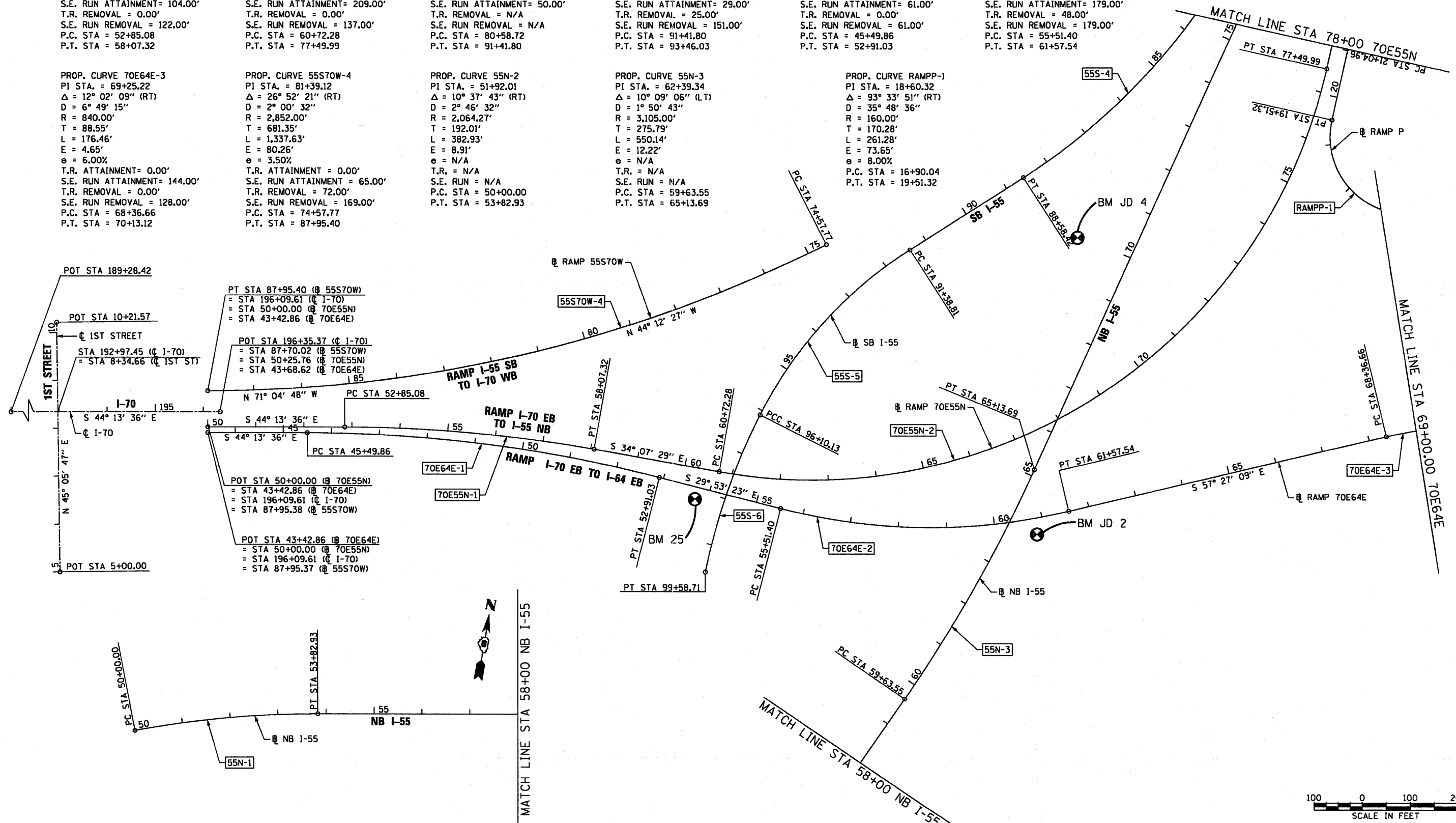
PROP. CURVE 70E64E-3  
 PI STA. = 69+25.22  
 $\Delta = 12^\circ 02' 09''$  (RT)  
 $D = 6^\circ 49' 15''$   
 $R = 840.00'$   
 $T = 88.55'$   
 $L = 176.46'$   
 $E = 4.65'$   
 $e = 6.00\%$   
 T.R. ATTAINMENT= 0.00'  
 S.E. RUN ATTAINMENT= 144.00'  
 T.R. REMOVAL = 0.00'  
 S.E. RUN REMOVAL = 128.00'  
 P.C. STA = 68+36.66  
 P.T. STA = 70+13.12

PROP. CURVE 55S70W-4  
 PI STA. = 81+39.12  
 $\Delta = 10^\circ 02' 09''$  (RT)  
 $D = 2^\circ 00' 32''$   
 $R = 2,852.00'$   
 $T = 681.35'$   
 $L = 1,337.63'$   
 $E = 80.26'$   
 $e = 3.50\%$   
 T.R. ATTAINMENT = 0.00'  
 S.E. RUN ATTAINMENT = 65.00'  
 T.R. REMOVAL = 72.00'  
 S.E. RUN REMOVAL = 169.00'  
 P.C. STA = 74+57.77  
 P.T. STA = 87+95.40

PROP. CURVE 55N-2  
 PI STA. = 51+92.01  
 $\Delta = 26^\circ 52' 21''$  (RT)  
 $D = 2^\circ 00' 32''$   
 $R = 2,064.27'$   
 $T = 192.01'$   
 $L = 382.93'$   
 $E = 8.91'$   
 $e = N/A$   
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 50+00.00  
 P.T. STA = 53+82.93

PROP. CURVE 55N-3  
 PI STA. = 62+39.34  
 $\Delta = 10^\circ 09' 06''$  (LT)  
 $D = 1^\circ 50' 43''$   
 $R = 3,105.00'$   
 $T = 275.79'$   
 $L = 550.14'$   
 $E = 12.22'$   
 $e = N/A$   
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 59+63.55  
 P.T. STA = 65+13.69

PROP. CURVE RAMPP-1  
 PI STA. = 18+60.32  
 $\Delta = 93^\circ 33' 51''$  (RT)  
 $D = 35^\circ 48' 36''$   
 $R = 160.00'$   
 $T = 170.28'$   
 $L = 261.28'$   
 $E = 73.65'$   
 $e = 8.00\%$   
 P.C. STA = 16+90.04  
 P.T. STA = 19+51.32



USER NAME = searab	DESIGNED OP	REVISED -
DRAWN PHP	REVISED -	
PLDT SCALE = 200.0000' / in.	CHECKED DBM	REVISED -
PLDT DATE = 6/30/2011	DATE 07-01-11	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1"=100' SHEET NO. 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64/99B	82-1-B-2	ST. CLAIR	399	16
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 76C76		

FILE NAME = P:\P60046609\900.CAD\901.Drawings\76C76.Contract\Sheet\Civ\1\Alignment\08TR1-76C76-sh-ATB-01.dgn