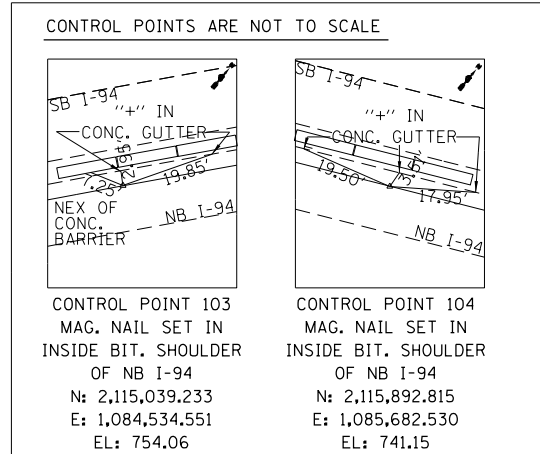
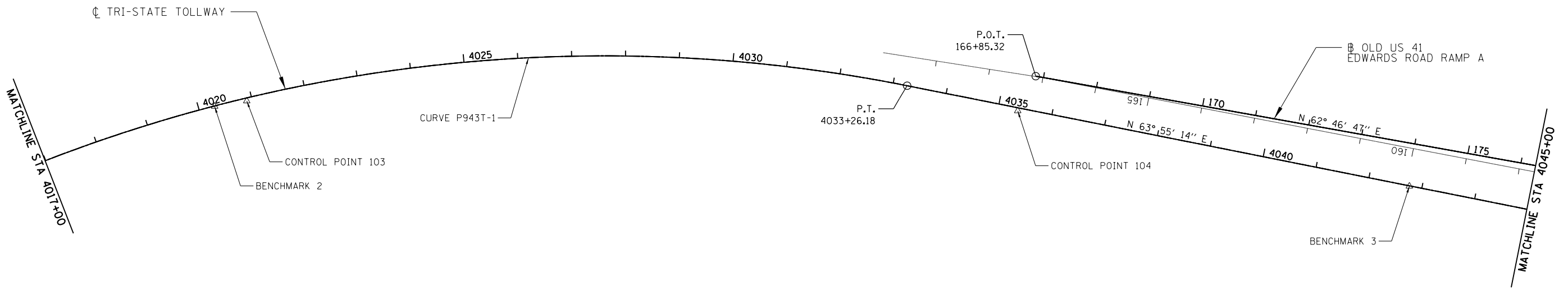


EXIST. CURVE E_94-3
 PI STA. = 4017+61.88
 $\Delta = 76^\circ 16' 03''$ (RT)
 $D = 2^\circ 00' 00''$
 $R = 2,864.67'$
 $T = 2,248.91'$
 $L = 3,813.22'$
 $E = 777.30'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 3995+12.97
 P.T. STA. = 4033+26.18

PROP. CURVE P943T-1
 PI STA. = 4017+61.88
 $N. 2,114,817.2896$ E. $1,083,472.2408$
 $\Delta = 76^\circ 16' 03''$ (RT)
 $D = 2^\circ 00' 00''$
 $R = 2,864.67'$
 $T = 2,248.92'$
 $L = 3,813.22'$
 $E = 777.30'$
 $e = 5.6\%$
 $T.R. = 87.78'$

FROM STA 3990+82.23 TO STA 3991+70.01 (NB) = 99.52'
 FROM STA 4036+69.14 TO STA 4037+56.92 (NB) = 97.30'
 FROM STA 3991+87.66 TO STA 3992+87.18 (SB) = 97.30'
 FROM STA 4036+69.14 TO STA 4037+66.44 (SB) = 97.30'
 $S.E. RUN = 403.48'$
 FROM STA 3991+70.01 TO STA 3995+73.49 (NB) = 337.00'
 FROM STA 4032+65.66 TO STA 4036+69.14 (NB & SB) = 337.00'
 FROM STA 3992+87.18 TO STA 3996+24.18 (SB) = 337.00'
 P.C. STA = 3995+12.96
 $N. 2,112,620,3914$ E. $1,083,953.1308$
 P.T. STA = 4033+26.18
 $N. 2,115,805.9529$ E. $1,085,492.1817$



BENCHMARK 2 ELEVATION 757.38'
 DESCRIPTION: SET ON TOP OF CONCRETE MEDIAN WALL, WESTBOUND SIDE OF 3RD LIGHT POST, NORTH OF MILE MARKER 2, 60' BEFORE CONTROL POINT 3
 LOCATION: STA. 4020+29.64, 0.75' RT

BENCHMARK 3 ELEVATION 733.40'
 DESCRIPTION: SET ON TOP OF CONCRETE MEDIAN WALL, WESTBOUND SIDE AT MILE MARKER 1/2
 LOCATION: STA 4042+76.61, 0.79' RT

BOWMAN, BARRETT & ASSOCIATES INC.
 CONSULTING ENGINEERS
 Chicago, Illinois
 312.228.0100
 www.bbandainc.com

FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - JMG	REVISED -
		DRAWN - JMG	REVISED -
	PLOT SCALE = 1/4" = 10' 1/4" = 5'	CHECKED - RGR	REVISED -
	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 100' SHEET NO. 3 OF 5 SHEETS STA. 4017+00 TO STA. 4045+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	54
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

S:\1101\95\CADD\60L77_IL_173\60L77_Sheets\160L76-shr-01d103.dgn