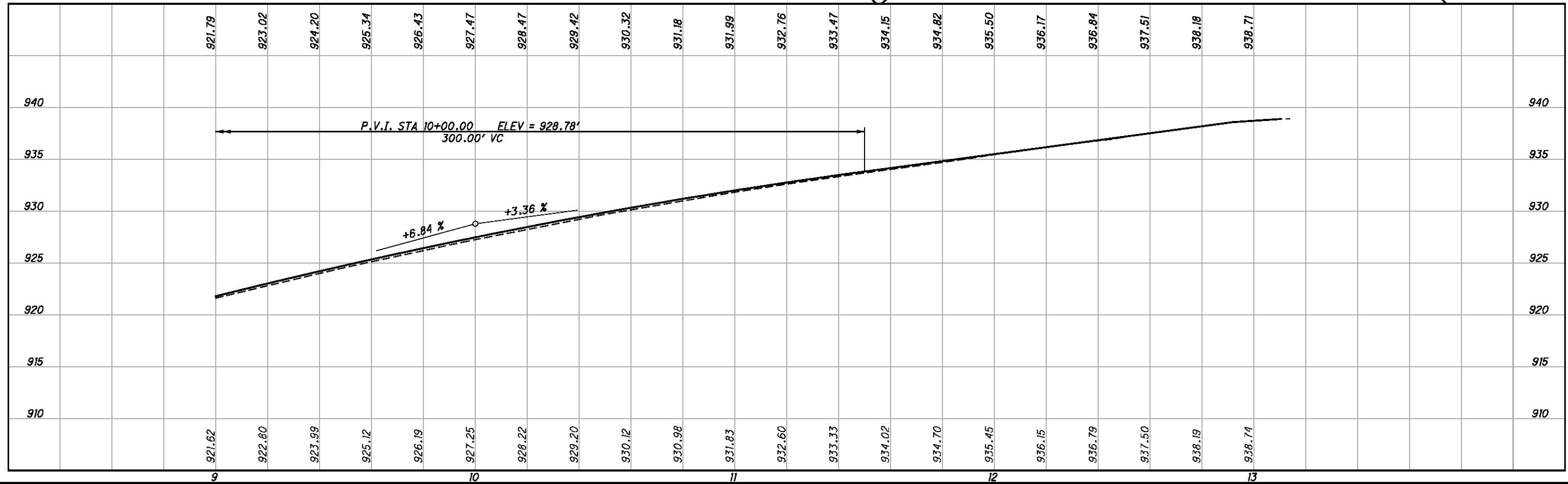
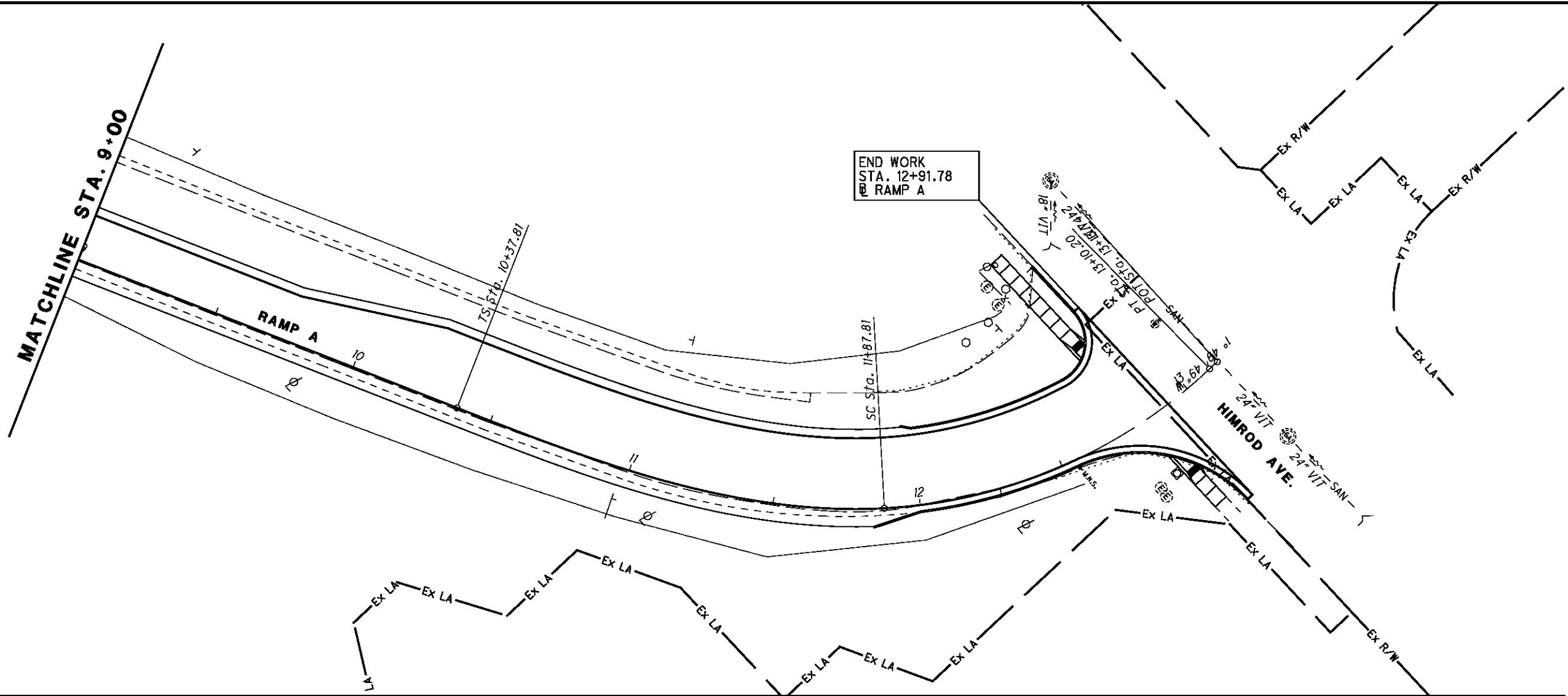


P:\PR51084\mah\24073\roadway\sheets\24073GP022.dgn 4/27/2012 9:25:48 AM pemnoc

P.I. STA. 11+38.79
 $L_s = 150.00'$
 $\theta_s = 24^\circ 33' 20''$
 $LT = 100.98'$
 $ST = 50.89'$
 $x = 147.27'$
 $y = 21.15'$
 $k = 74.54'$
 $p = 5.32'$

P.I. Sta. 12+20.51
 $\Delta = 64^\circ 37' 40''$ (LT)
 $D_c = 32^\circ 44' 26''$
 $R = 175.00'$
 θ
 $\Delta c = 40^\circ 04' 21''$ (LT)
 $L_c = 122.39'$
 $E_s = 35.28'$
 $C = 119.92'$
 $C.B.I = N 54^\circ 37' 28'' E$
 $C.B. = N 18^\circ 12' 20'' E$



CALCULATED JTP CHECKED NJG

PLAN AND PROFILE
RAMP A, STA. 9+00 TO STA. 13+13.74