

EXIST. CURVE 302
 PI STA. = 405+73.61
 $\Delta = 46^\circ 23' 22''$ (LT)
 D = 5° 25' 07"
 R = 1,057.37'
 T = 453.08'
 L = 856.10'
 E = 92.98'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 401+20.54
 P.T. STA. = 409+76.64

 EXISTING S.E. = 7.3%
 PROPOSED S.E. = 8.0%

EXIST. CURVE 301
 PI STA. = 394+87.30
 $\Delta = 26^\circ 52' 19''$ (RT)
 D = 2° 29' 45"
 R = 2,295.72'
 T = 548.44'
 L = 1,076.70'
 E = 64.60'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 389+38.86
 P.T. STA. = 400+15.56

 EXISTING S.E. = 2.7%
 PROPOSED S.E. = 5.2%

STA. 388+06.55 TO 389+85.04 (S.E. TRANS. NC TO 5.2%)
 STA. 389+85.04 TO 399+21.03 (FULL S.E. 5.2%)
 STA. 399+21.03 TO 400+59.56 (S.E. TRANS. 5.2% TO 0%)

STA. 400+59.56 TO 402+51.56 (S.E. TRANS. 0% TO 8.0%)
 STA. 402+51.56 TO 408+58.45 (FULL S.E. 8.0%)
 STA. 408+58.45 TO 410+50.45 (S.E. TRANS. 8.0% TO 0%)

EXIST. CURVE 303
 PI STA. = 415+72.17
 $\Delta = 21^\circ 27' 53''$ (RT)
 D = 2° 18' 29"
 R = 2,482.46'
 T = 470.51'
 L = 930.00'
 E = 44.20'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 411+01.66
 P.T. STA. = 420+31.65

 EXISTING S.E. = 3.2%
 PROPOSED S.E. = 5.0%

STA. 410+50.45 TO 411+83.65 (S.E. TRANS. 0% TO 5.0%)
 STA. 411+83.65 TO 419+87.25 (FULL S.E. 5.0%)
 STA. 419+87.25 TO 421+60.41 (S.E. TRANS. 5.0% TO NC)

• 104RS2,BR3;105RS7,BR3,4;106RS6

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
ei:\pwork\pwork\sparksgw\10265393\PLAN1.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Oct-31-2011 03:51:38PM	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET		
SCALE: 1"=100'	SHEET NO. 12 OF 17 SHEETS	STA. 392+66.11 TO STA. 422+66.11

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	•	PIKE	69	39
CONTRACT NO. 72E43				
ILLINOIS FED. AID PROJECT				