



STA 1125+39

DRAINAGE AREA = 35.0 ACRES				
EXISTING LOW GRADE ELEVATION:	824.70 FT. @ 1125+50			
PROPOSED LOW GRADE ELEVATION:	824.70 FT. @ 1125+50			
FLOOD YEAR	FREQUENCY YEAR	DISCHARGE CFS	HEADWATER EXISTING	ELEV. (FT) PROPOSED
TEN-YEAR DESIGN	10	38	823.50	823.27
BASE	50	53	824.04	823.76
OVT (EXISTING)	100	61	824.31	823.99
OVT (PROPOSED)	239	73	824.70	-
	500	85	-	824.70

10-YEAR VELOCITY THROUGH EXISTING CULVERT= 6.2 FPS  
 10-YEAR VELOCITY THROUGH PROPOSED CULVERT= 6.8 FPS



FILE NAME =	USER NAME = Elgin 110	DESIGNED - MJS	REVISED -
...load sheets\200793PLN21.dgn		DRAWN - RMH	REVISED -
		CHECKED - RLH	REVISED -
		DATE - APRIL 30, 2013	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>ROADWAY PLANS</b>			
<b>IL 173 FROM ALPINE ROAD TO I-90</b>			
SCALE: 1"=20'	SHEET NO. OF SHEETS	STA. 1123+00 TO STA. 1129+00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129R	WINNEBAGO	968	166
CONTRACT NO. 64988			ILLINOIS FED. AID PROJECT	

**THE UPCHURCH GROUP, INC.**