



FILE NAME = ...\\oadd sheets\200793PLN22.dgn
THE UPCHURCH GROUP, INC.

USER NAME = Elgin 110	DESIGNED - MJS	REVISED -
PLOT SCALE = 40.0000' / IN.	DRAWN - RMH	REVISED -
PLOT DATE = 5/3/2013 8:56:07 AM	CHECKED - RLH	REVISED -
	DATE - APRIL 30, 2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STA 1130+86
DRAINAGE AREA = 30.0 ACRES
EXISTING LOW GRADE ELEVATION: 829.00 FT. @ 1130+11
PROPOSED LOW GRADE ELEVATION: 829.00 FT. @ 1130+11

FLOOD	FREQUENCY YEAR	DISCHARGE CFS	HEADWATER ELEV. (FT)	
			EXISTING	PROPOSED
TEN-YEAR	10	24	827.87	826.99
DESIGN	50	33	827.96	827.39
BASE	100	38	828.02	827.58
MAX CALC	500	53	828.24	828.07

10-YEAR VELOCITY THROUGH EXISTING CULVERT= 2.0 FPS
10-YEAR VELOCITY THROUGH PROPOSED CULVERT= 6.1 FPS



**ROADWAY PLANS
IL 173 FROM ALPINE ROAD TO I-90**

SCALE: 1"=20' SHEET NO. OF SHEETS STA. 1129+00 TO STA. 1135+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129R	WINNEBAGO	968	167
CONTRACT NO. 64988				
ILLINOIS FED. AID PROJECT				