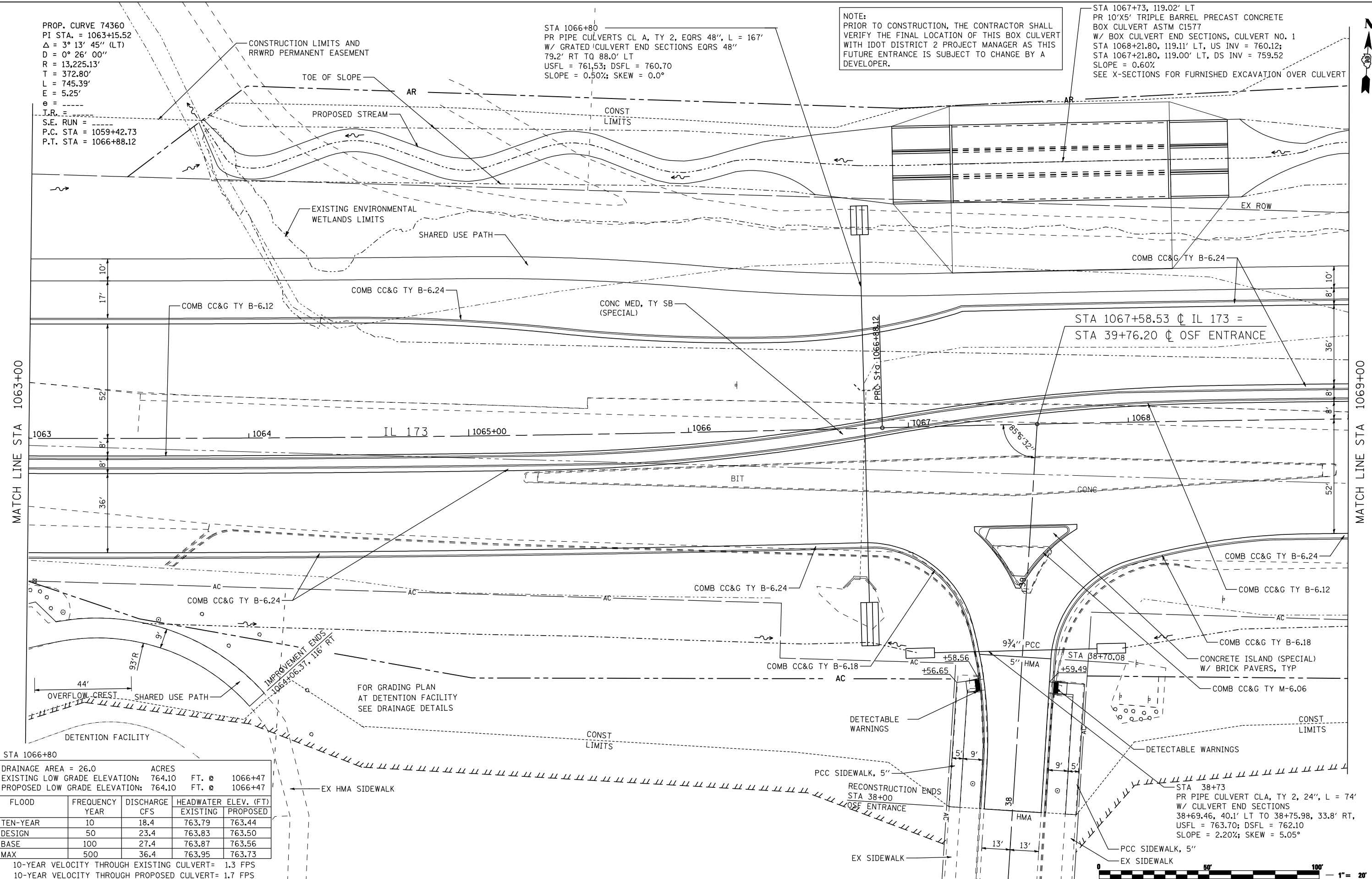


PROP. CURVE 74360
 PI STA. = 1063+15.52
 $\Delta = 3^\circ 13' 45''$ (LT)
 $D = 0^\circ 26' 00''$
 $R = 13,225.13'$
 $T = 372.80'$
 $L = 745.39'$
 $E = 5.25'$
 $e =$
 $J.R. =$
 S.E. RUN =
 P.C. STA = 1059+42.73
 P.T. STA = 1066+88.12

STA 1066+80
 PR PIPE CULVERTS CL A, TY 2, EQRS 48", L = 167'
 W/ GRATED CULVERT END SECTIONS EQRS 48"
 79.2' RT TO 88.0' LT
 USFL = 761.53; DSFL = 760.70
 SLOPE = 0.50%; SKEW = 0.0°

NOTE:
 PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL
 VERIFY THE FINAL LOCATION OF THIS BOX CULVERT
 WITH IDOT DISTRICT 2 PROJECT MANAGER AS THIS
 FUTURE ENTRANCE IS SUBJECT TO CHANGE BY A
 DEVELOPER.

STA 1067+73, 119.02' LT
 PR 10'X5' TRIPLE BARREL PRECAST CONCRETE
 BOX CULVERT ASTM C1577
 W/ BOX CULVERT END SECTIONS, CULVERT NO. 1
 STA 1068+21.80, 119.11' LT, US INV = 760.12;
 STA 1067+21.80, 119.00' LT, DS INV = 759.52
 SLOPE = 0.60%
 SEE X-SECTIONS FOR FURNISHED EXCAVATION OVER CULVERT



STA 1066+80

DRAINAGE AREA = 26.0 ACRES				
EXISTING LOW GRADE ELEVATION: 764.10 FT. @ 1066+47				
PROPOSED LOW GRADE ELEVATION: 764.10 FT. @ 1066+47				
FLOOD YEAR	FREQUENCY YEAR	DISCHARGE CFS	HEADWATER ELEV. (FT) EXISTING	HEADWATER ELEV. (FT) PROPOSED
TEN-YEAR	10	18.4	763.79	763.44
DESIGN	50	23.4	763.83	763.50
BASE	100	27.4	763.87	763.56
MAX	500	36.4	763.95	763.73

10-YEAR VELOCITY THROUGH EXISTING CULVERT= 1.3 FPS
 10-YEAR VELOCITY THROUGH PROPOSED CULVERT= 1.7 FPS

FILE NAME =	USER NAME = Elgin 110	DESIGNED - MJS	REVISED -
...\\oad sheets\200793PLN10.dgn		DRAWN - RMH	REVISED -
		CHECKED - RLH	REVISED -
		DATE - APRIL 30, 2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY PLANS
IL 173 FROM ALPINE ROAD TO I-90
 SCALE: 1"=20' SHEET NO. OF SHEETS STA. 1063+00 TO STA. 1069+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129R	WINNEBAGO	968	155
CONTRACT NO. 64988			ILLINOIS FED. AID PROJECT	