

EQUATION
PT STA. 1510+12.28 BK =
STA. 1510+06.21 AH

STA. 1511+11.90, 56.00' RT (FAI 57)=
STA. 22+26.84, RAMP C

ENTRANCE RAMP TERMINAL WITH AUXILIARY LANE

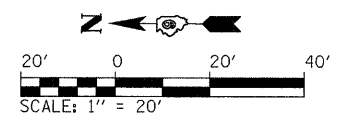
PROP. CURVE PR57-2
PI STA. = 1502+91.47
 $\Delta = 12^\circ 45' 38''$ (LT)
 $D = 0^\circ 52' 53''$
 $R = 6,500.00'$
 $T = 726.82'$
 $L = 1,447.63'$
 $E = 40.51'$
 $\theta = 3.0\%$
 $T.R. = 113'$
S.E. RUN = 225' (4 LANES)
P.C. STA. = 1495+64.64
P.T. STA. = 1510+12.28

LEGEND



NOTE:

- SEE SUPERELEVATION DETAILS FOR ADDITIONAL SUPERELEVATION TRANSITION INFORMATION.
- WITHIN RAMP TERMINAL, LEFT RAMP GRADES ARE BASED ON EVEN MAINLINE STATIONING. RIGHT GRADES ARE PERPENDICULAR TO RAMP BASELINE. OUTSIDE OF RAMP TERMINAL, RAMP GRADES ARE BASED ON EVEN RAMP STATIONING.
- CONTRACTOR SHALL VERIFY EXISTING ELEVATIONS AND RECEIVE APPROVAL FROM ENGINEER PRIOR TO BEGINNING WORK.



FILE NAME =
...VD978182-sht-intersecRAMP_C2.dgn

USER NAME = Rob Heady	DESIGNED - JWH	REVISED -
PLOT SCALE = 20,000' / IN.	DRAWN - RAH	REVISED -
PLOT DATE = 10/7/2011	CHECKED - BJD	REVISED -
	DATE - 10/07/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAIL
I-57 AND RAMP C**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* I-57	0X1-6-2 HBK-2, HB-1; 0X-1 R-1	WILLIAMSON	968	369
* F.A.I. 57 AND F.A.P. 331			CONTRACT NO. 78182	
ILLINOIS FED. AID PROJECT				