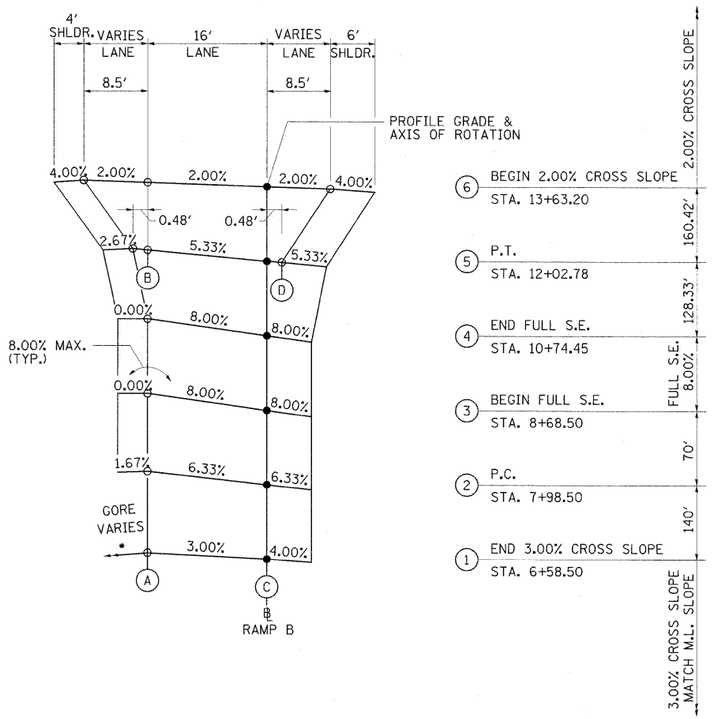


6 BEGIN 2.00% CROSS SLOPE
STA. 13+63.20

160.42'

5 P.T.
STA. 12+02.78

128.33'

4 END FULL S.E.
STA. 10+74.45

FULL S.E. 8.00%

3 BEGIN FULL S.E.
STA. 8+68.50

70'

2 P.C.
STA. 7+98.50

140'

1 END 3.00% CROSS SLOPE
STA. 6+58.50

2.00% CROSS SLOPE

3.00% CROSS SLOPE MATCH M.L. SLOPE

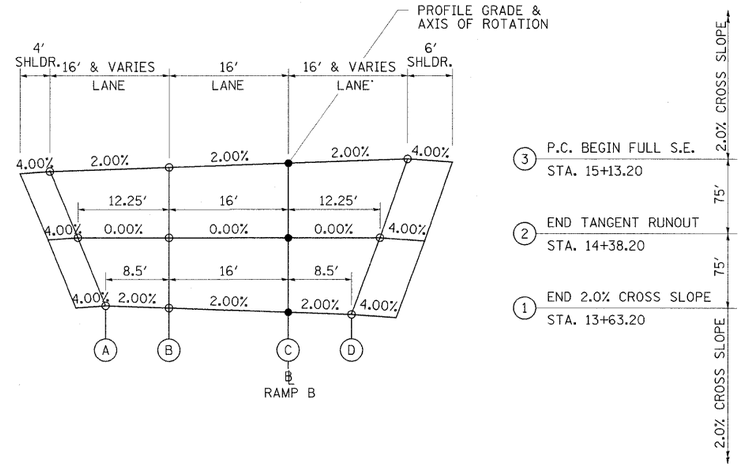
PROP. RAMP B CURVE-1 DATA
PI STA. = 10+05.55
Δ = 30° 28' 43" (RT)
D = 7° 32' 20"
R = 760.00'
T = 207.05'
L = 404.28'
E = 27.70'
e = 8.0%
T.R. = N/A
S.E. RUN = 385' (2 LANES)
P.C. STA. = 7+98.50
P.T. STA. = 12+02.78
S.A. = STA. 6+58.50 TO STA. 8+68.50
F.S. = STA. 8+68.50 TO STA. 10+74.45
S.R. = STA. 10+74.45 TO STA. 13+63.20

* SEE RAMP B INTERSECTION DETAILS

PROFILE GRADE ELEVATIONS

STATION	SECTION	A	B	C	D
6+58.50	1	459.62	-	459.14	-
7+98.50	2	459.72	-	458.71	-
8+68.50	3	460.01	-	458.73	-
10+74.45	4	458.43	-	457.15	-
12+02.78	5	456.38	456.35	455.50	455.47
13+63.20	6	453.92	453.75	453.43	453.26

RAMP B CURVE NO. 1
P.C. STA. 7+98.50 TO P.T. STA. 12+02.78



3 P.C. BEGIN FULL S.E.
STA. 15+13.20

2.0% CROSS SLOPE

75'

2 END TANGENT RUNOUT
STA. 14+38.20

75'

1 END 2.0% CROSS SLOPE
STA. 13+63.20

2.0% CROSS SLOPE

PROP. RAMP B CURVE-2 DATA
PI STA. = 18+96.29
Δ = 98° 10' 19" (LT)
D = 17° 15' 28"
R = 332.00'
T = 383.08'
L = 568.86'
E = 174.93'
e = 2.0%
T.R. = 75' (2 LANES)
S.E. RUN = 75' (2 LANES)
P.C. STA. = 15+13.20
P.T. STA. = 20+82.06
S.A. = STA. 13+63.20 TO STA. 15+13.20

PROFILE GRADE ELEVATIONS

STATION	SECTION	A	B	C	D
13+63.20	1	453.92	453.75	453.43	453.26
14+38.20	2	452.47	452.47	452.47	452.47
15+13.20	3	450.86	451.18	451.50	451.82

RAMP B CURVE NO. 2
P.C. STA. 15+13.20 TO P.T. STA. 20+82.06

FILE NAME = ...\D978182-sht-SE-RAMP B.dgn	USER NAME = Rob Heady	DESIGNED - JRK	REVISED -
		DRAWN - TAP	REVISED -
	PLOT SCALE = 10.0000 ' / IN.	CHECKED - BJD	REVISED -
	PLOT DATE = 10/7/2011	DATE - 10/07/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERELEVATION TRANSITION DETAILS – RAMP B

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(X1-6-2)HBK-2, HB-1,2; (1X-1)R-1	WILLIAMSON	968	389
* F.A.I. 57 AND F.A.P. 331		CONTRACT NO. 78182		
	ILLINOIS FED. AID PROJECT			