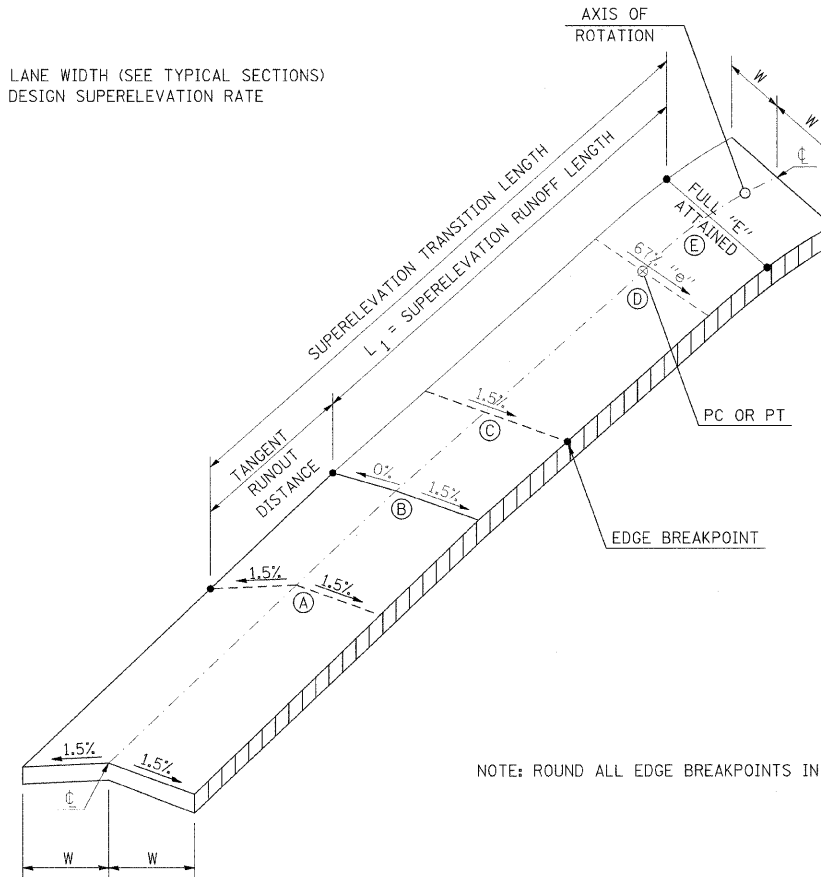


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	101-2(A,B,R)	ALEXANDER	152	73
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

W = LANE WIDTH (SEE TYPICAL SECTIONS)  
E = DESIGN SUPERELEVATION RATE



ATTAINING SUPERELEVATION

ALIGNMENT	CURVE NAME FULL SUPER. RATE	STA. (A)		STA. (B)		STA. (C)		STA. (D)		STA. (E)	
		LT.	RT.	LT.	RT.	LT.	RT.	LT.	RT.	LT.	RT.
IL 146	CURVE 1										
	CURVE 2	12+688.75	12+702.75	12+716.15	12+729.551	12+742.75					
		-1.5%	-1.5%	-1.5%	0.0%	-1.5%	+1.5%	-3.0%	+3.0%	-4.5%	+4.5%
	CURVE 3			NO SUPERELEVATION REQUIRED							
	CURVE 4			NO SUPERELEVATION REQUIRED							
DETOUR ROAD	CURVE 5	0.000			0+070.3						
		-1.5%	-1.5%		+1.5%	-1.5%					
	CURVE 6					0+085.3	0+100.3				
						0.0%	0.0%	-1.5%	+1.5%		
	CURVE 7										
	CURVE 8					0+318.63	0+333.63				
						0.0%	0.0%	+1.5%	-1.5%		

REMOVING SUPERELEVATION

ALIGNMENT	CURVE NAME FULL SUPER. RATE	STA. (E)		STA. (D)		STA. (C)		STA. (B)		STA. (A)	
		LT.	RT.	LT.	RT.	LT.	RT.	LT.	RT.	LT.	RT.
IL 146	CURVE 1			12+635.55	12+641.551	12+653.55	12+667.55				
				+1.5%	-2.0%	+1.5%	-1.5%	0.0%	-1.5%	-1.5%	-1.5%
	CURVE 2	12+818.50	12+831.702	12+844.6	12+858.50	12+872.50					
		-4.5%	+4.5%	-3.0%	+3.0%	-1.5%	+1.5%	-1.5%	0.0%	-1.5%	-1.5%
	CURVE 3			NO SUPERELEVATION REQUIRED							
	CURVE 4			NO SUPERELEVATION REQUIRED							
DETOUR ROAD	CURVE 5	0+070.3	0+085.3								
		+1.5%	-1.5%	0.0%	0.0%						
	CURVE 6										
	CURVE 7	0+333.63	0+318.63								
		-1.5%	+1.5%	0.0%	0.0%						
	CURVE 8			0+333.63		0+403.93					
				+1.5%	-1.5%					-1.5%	-1.5%

PLOT DATE = 10/24/2008  
 FILE NAME = I:\PROJECTS\101001\HEADON\101001.dgn  
 PLOT SCALE = 50.0000 / IN.  
 USER NAME = headon

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

## SUPERELEVATION TRANSITION DETAILS

SCALE: VERT. NONE  
HORIZ.

DATE \_\_\_\_\_ DRAWN BY CNH  
CHECKED BY \_\_\_\_\_