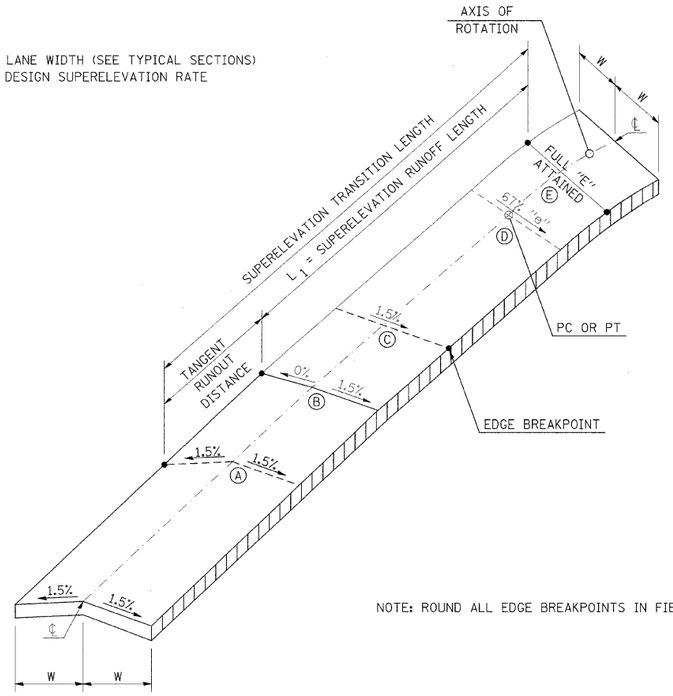
CONTRACT NO. 78060

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	101-2(RS-1,N-1)	ALEXANDER	189	91
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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



NOTE: ROUND ALL EDGE BREAKPOINTS IN FIELD.

ATTAINING SUPERELEVATION

ALIGNMENT	CURVE NAME FULL SUPER. RATE	STA. Ⓐ LT.	STA. Ⓐ RT.	STA. Ⓑ LT.	STA. Ⓑ RT.	STA. Ⓒ LT.	STA. Ⓒ RT.	STA. Ⓓ LT.	STA. Ⓓ RT.	STA. Ⓔ LT.	STA. Ⓔ 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%

USED ON PREVIOUS CONTRACT

REMOVING SUPERELEVATION

ALIGNMENT	CURVE NAME FULL SUPER. RATE	STA. Ⓔ LT.	STA. Ⓔ RT.	STA. Ⓓ LT.	STA. Ⓓ RT.	STA. Ⓒ LT.	STA. Ⓒ RT.	STA. Ⓑ LT.	STA. Ⓑ RT.	STA. Ⓐ LT.	STA. Ⓐ 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%

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUPERELEVATION TRANSITION DETAILS

SCALE: VERT. NONE HORIZ.
DATE
DRAWN BY CNH
CHECKED BY

PLOT DATE = 9/14/2009
FILE NAME = c:\pw_work\PWIDOT\KRANZJC\dms43640\md02599c2typ.dgn
PLOT SCALE = 50.0000 ' / IN.
USER NAME = kranzjc