

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	312
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

U.S. ROUTE 30 SUPERELEVATION TABLE - CURVE NO. 5

DESCRIPTION	STATION	LEFT EDGE OF W.B. THROUGH LANE			LEFT PGL		RIGHT EDGE OF W.B. TURN LANE			LEFT EDGE OF E.B. TURN LANE			RIGHT PGL		RIGHT EDGE OF E.B. THROUGH LANE		
		SLOPE	OFFSET	ELEV	OFFSET	ELEV	SLOPE	OFFSET	ELEV	SLOPE	OFFSET	ELEV	OFFSET	ELEV	SLOPE	OFFSET	ELEV
START OF ROTATION OF EASTBOUND LANES	541+53.9	-2.00	35.00' LT	730.94	11.00' LT	731.42				1.50	1.86' RT	731.56	11.00' RT	731.42	-2.00	35.00' RT	730.94
	541+75	-2.00	35.00' LT	730.72	11.00' LT	731.20				1.50	0.65' RT	731.36	11.00' RT	731.20	-1.62	35.00' RT	730.81
CROWN REMOVED	542+00	-2.00	35.00' LT	730.47	11.00' LT	730.95				1.17	1.37' LT	731.09	11.00' RT	730.95	-1.17	35.00' RT	730.67
	542+25	-2.00	35.00' LT	730.21	11.00' LT	730.69				0.72	3.39' LT	730.79	11.00' RT	730.69	-0.72	35.00' RT	730.52
	542+50	-2.00	35.00' LT	729.95	11.00' LT	730.43				0.27	5.00' LT	730.47	11.00' RT	730.43	-0.27	35.00' RT	730.37
	542+65	-2.00	35.00' LT	729.81	11.00' LT	730.29				0.00	5.00' LT	730.29	11.00' RT	730.29	0.00	35.00' RT	730.29
	542+75	-2.00	35.00' LT	729.72	11.00' LT	730.20				-0.18	5.00' LT	730.17	11.00' RT	730.20	0.18	35.00' RT	730.24
START OF ROTATION OF WESTBOUND LANES	543+00	-2.00	35.00' LT	729.52	11.00' LT	730.00				-0.63	5.00' LT	729.90	11.00' RT	730.00	0.63	35.00' RT	730.15
	543+25	-2.00	35.00' LT	729.37	11.00' LT	729.85				-1.08	5.00' LT	729.68	11.00' RT	729.85	1.08	35.00' RT	730.11
	543+50	-2.00	35.00' LT	729.27	11.00' LT	729.75				-1.50	5.00' LT	729.51	11.00' RT	729.75	1.53	35.00' RT	730.12
	543+75	-2.00	35.00' LT	729.20	11.00' LT	729.68				-1.50	5.00' LT	729.44	11.00' RT	729.68	1.98	35.00' RT	730.16
	543+76.1	-2.00	35.00' LT	729.20	11.00' LT	729.68				-1.50	5.00' LT	729.44	11.00' RT	729.68	2.00	35.00' RT	730.16
FULL SUPERELEVATION	544+00	-2.43	35.00' LT	729.08	11.00' LT	729.66				-1.50	5.00' LT	729.42	11.00' RT	729.66	2.43	35.00' RT	730.24
	544+15	-2.70	35.00' LT	729.02	11.00' LT	729.67				-1.50	5.00' LT	729.43	11.00' RT	729.67	2.70	35.00' RT	730.32
	544+25	-2.70	35.00' LT	729.03	11.00' LT	729.68				-1.50	5.00' LT	729.44	11.00' RT	729.68	2.70	35.00' RT	730.33
	544+50	-2.70	35.00' LT	729.10	11.00' LT	729.75				-1.50	5.00' LT	729.51	11.00' RT	729.75	2.70	35.00' RT	730.40
	544+75	-2.70	35.00' LT	729.20	11.00' LT	729.85							11.00' RT	729.85	2.70	35.00' RT	730.50
END FULL SUPERELEVATION	545+00	-2.70	35.00' LT	729.35	11.00' LT	730.00							11.00' RT	730.00	2.70	35.00' RT	730.65
	545+25	-2.70	35.00' LT	729.55	11.00' LT	730.20							11.00' RT	730.20	2.70	35.00' RT	730.85
	545+50	-2.70	35.00' LT	729.78	11.00' LT	730.43							11.00' RT	730.43	2.70	35.00' RT	731.08
	545+75	-2.70	35.00' LT	730.04	11.00' LT	730.69	1.50	5.00' RT	730.93				11.00' RT	730.69	2.70	35.00' RT	731.34
	546+00	-2.70	35.00' LT	730.30	11.00' LT	730.95	1.50	5.00' RT	731.19				11.00' RT	730.95	2.70	35.00' RT	731.60
END OF ROTATION OF WESTBOUND LANES	546+25	-2.70	35.00' LT	730.55	11.00' LT	731.20	1.50	5.00' RT	731.44				11.00' RT	731.20	2.70	35.00' RT	731.85
	546+50	-2.25	35.00' LT	730.92	11.00' LT	731.46	1.50	5.00' RT	731.70				11.00' RT	731.46	2.25	35.00' RT	732.00
	546+63.89	-2.00	35.00' LT	731.12	11.00' LT	731.60	1.50	5.00' RT	731.84				11.00' RT	731.60	2.00	35.00' RT	732.08
CROWN REMOVED	547+00	-2.00	35.00' LT	731.49	11.00' LT	731.97	1.50	5.00' RT	732.21				11.00' RT	731.97	1.35	35.00' RT	732.29
	547+25	-2.00	35.00' LT	731.75	11.00' LT	732.23	1.50	5.00' RT	732.47				11.00' RT	732.23	0.90	35.00' RT	732.45
	547+50	-2.00	35.00' LT	732.01	11.00' LT	732.49	1.50	5.00' RT	732.73				11.00' RT	732.49	0.45	35.00' RT	732.60
	547+75	-2.00	35.00' LT	732.27	11.00' LT	732.75	1.50	5.00' RT	732.99				11.00' RT	732.75	0.00	35.00' RT	732.75
	548+00	-2.00	35.00' LT	732.52	11.00' LT	733.00	1.50	3.43' RT	733.22				11.00' RT	733.00	-0.45	35.00' RT	732.89
END OF ROTATION OF EASTBOUND LANES	548+25	-2.00	35.00' LT	732.78	11.00' LT	733.26	1.50	1.69' RT	733.45				11.00' RT	733.26	-0.90	35.00' RT	733.04
	548+50	-2.00	35.00' LT	733.04	11.00' LT	733.52	1.50	0.05' LT	733.68				11.00' RT	733.52	-1.35	35.00' RT	733.20
	548+75	-2.00	35.00' LT	733.29	11.00' LT	733.77	1.50	1.79' LT	733.91				11.00' RT	733.77	-1.80	35.00' RT	733.34
	548+86.1	-2.00	35.00' LT	733.41	11.00' LT	733.89	1.50	2.56' LT	734.02				11.00' RT	733.89	-2.00	35.00' RT	733.41

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION  SUPERELEVATION DETAILS  U.S. ROUTE 30
NAME	DATE	

SCALE: VERT. DATE 6/11/2010  
HORIZ. DRAWN BY JRR  
CHECKED BY JRV