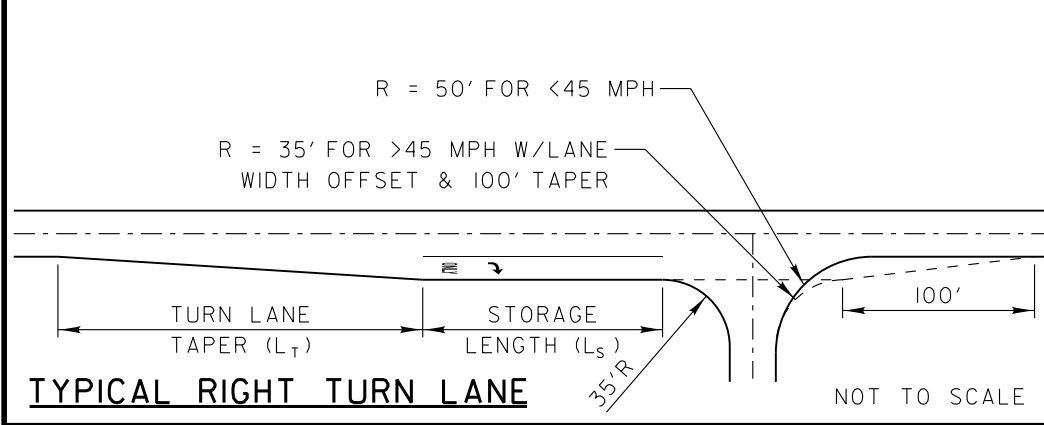


**STORAGE and TAPER LENGTH CHART**

DESIGN SPEED (mph)	MINIMUM STORAGE LENGTH $L_S$ (FT)	TURN LANE TAPER $L_T$ (FT) <sup>(2)</sup>	APPROACH TAPER WIDENING $T_L$ <sup>(3)</sup>	
			BOTH SIDES	ONE SIDE <sup>(4)</sup>
30	150 <sup>(1)</sup>	135	35:1	25:1
35		155	40:1	30:1
40		175		
45	185 <sup>(2)</sup>	200	45:1	35:1
50	215 <sup>(2)</sup>	220	50:1	40:1
55	240 <sup>(2)</sup>	240		
60	265 <sup>(2)</sup>	265		

(1) LCDOT - Length may be decreased to 125' for the 30 mph and 35 mph design speeds at unsignalized intersections.  
 (2) IDOT BLR Manual - Fig 34-3A and Fig 34-3B  
 (3) IDOT BLR Manual - Fig 34-3D  
 (4) One side widening permitted for special cases only - requires LCDOT approval.



REVISIONS	DATE
Match IDOT BLR Manual	04/21/10

**LakeCounty**  
 Division of Transportation

**APPROVED BY:** M. G. ZEMAITIS  
**DATE:** APRIL 1, 2007

**TYPICAL TURN LANES & BYPASS LANE**

LC0011