



DESIGN SPEED (MPH)	MINIMUM LEFT TURN BYPASS LANE DESIGN GUIDELINES				
	APPROACH TAPER LENGTH (FT)	APPROACH LANE LENGTH (FT)	DEPARTURE LANE LENGTH (FT)	DEPARTURE TAPER LENGTH (FT)	TOTAL LEFT TURN BYPASS LANE LENGTH (FT)
LESS THAN 55	100	50 (MIN)	50 (MIN)	100	300
50 OR GREATER	180	50 (MIN)	50 (MIN)	180	460

DESIGN SPEED (MPH)	PREFERRED LEFT TURN BYPASS LANE DESIGN GUIDELINES				
	APPROACH TAPER LENGTH (FT)	APPROACH LANE LENGTH (FT)	DEPARTURE LANE LENGTH (FT)	DEPARTURE TAPER LENGTH (FT)	TOTAL LEFT TURN BYPASS LANE LENGTH (FT)
LESS THAN 30	150	150	50 (MIN)	150	500
30 - 45	200	150	50 (MIN)	200	600
50 OR GREATER	300	200	50 (MIN)	300	850

- GUIDANCE OF WHEN TO USE LEFT TURN BYPASS LANE
LEFT TURN BYPASS LANES SHOULD BE USED WHEN ONE OR MORE OF THE FOLLOWING EXIST:
- A. AT A THREE-LEGGED UNSIGNALIZED (T) INTERSECTION ON TWO-LANE HIGHWAYS WITH MODERATE THROUGH AND TURNING VOLUMES, ESPECIALLY INTERSECTIONS THAT HAVE A PATTERN OF REAR-END COLLISIONS INVOLVING VEHICLES WAITING TO TURN LEFT FROM THE HIGHWAY.¹
 - B. AT A THREE-LEGGED UNSIGNALIZED (T) INTERSECTION ON TWO-LANE HIGHWAYS THAT HAVE A PATTERN OF CRASHES INVOLVING DRIVERS RUNNING OFF THE ROADWAY TO AVOID VEHICLES WAITING TO TURN LEFT FROM THE HIGHWAY.
 - C. SEE CHART BELOW FOR GUIDELINES REGARDING PEAK HOUR LEFT TURNS AND VOLUME CRITERIA.

LEFT TURN LANE & LEFT TURN BYPASS LANE GUIDELINES		
ROADWAY VOLUME (AADT) (VEH/DAY)	LEFT TURN LANE (PEAK HOUR LEFT TURNS)	LEFT TURN BYPASS LANE (PEAK HOUR LEFT TURNS)
6,000 or less ²	Greater than 40 ²	10 - 40
More than 6,000 ²	Greater than 30 ²	5 - 30

- D. WHERE THERE IS EVIDENCE OF VEHICLES USING THE SHOULDER OF THE ROAD TO PASS VEHICLES STOPPED IN THE THROUGH LANE TO TURN LEFT AT A "T" INTERSECTION.

¹ FROM NCHRP REPORT 500/VOLUME 5: A GUIDE FOR ADDRESSING UNSIGNALIZED INTERSECTION COLLISIONS
² FROM ALDOT ACCESS MANAGEMENT MANUAL

LEGEND	
SWTS	SOLID WHITE TRAFFIC STRIPE
DSYTS	DOUBLE SOLID YELLOW TRAFFIC STRIPE
DWTS	DOTTED WHITE TRAFFIC STRIPE
WTCM	WHITE TRAFFIC CONTROL MARKING

- NOTES:
1. REQUIRED PAVEMENT BUILDUP SHALL MATCH EXISTING PAVEMENT.
 2. IF THERE IS A MAJOR DRIVEWAY OR INTERSECTING ROADWAY WITHIN THE TOTAL BYPASS LANE LENGTH, THE APPROACH LANE OR DEPARTURE LANE MAY NEED TO BE EXTENDED TO ENCOMPASS THE DRIVEWAY OR OTHER INTERSECTING ROADWAY OR SHORTENED TO AVOID THE DRIVEWAY OR INTERSECTING ROADWAY.

DETAILS OF LEFT TURN BYPASS LANE AT "T" INTERSECTION

NOT TO SCALE