GUIDELINES 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.

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.

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 ENCOMPASSE THE DRIVEWAY OR INTERSECTING ROADWAY, OR SHORTENED TO AVOID THE DRIVEWAY OR INTERSECTING ROADWAY.

LEGEND

| SWTS | SOLID WHITE TRAFFIC STRIPE |
| DSYS | DOUBLE SOLID YELLOW TRAFFIC STRIPE |
| DWTS | DOTTED WHITE TRAFFIC STRIPE |
| WTMC | WHITE TRAFFIC CONTROL MARKING |

DETAILS OF LEFT TURN BYPASS LANE AT "T" INTERSECTION

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