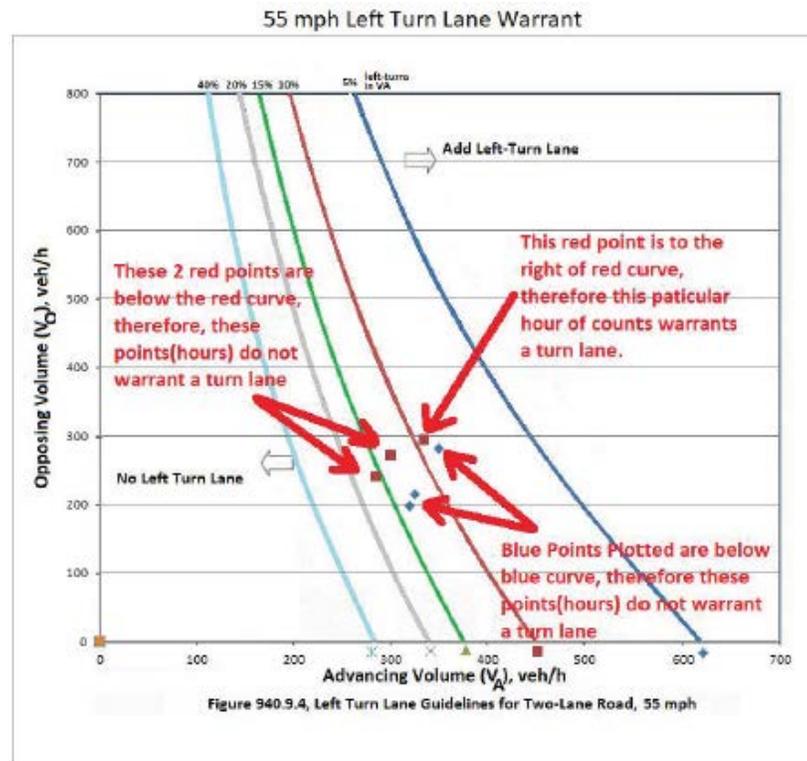


## Turn Lane Warrants



### Description

Turn Lane Warrants are graphs of traffic volumes within an Excel spreadsheet to determine if a turn lane is warranted on a highway. Previously, to determine turn lane warrants, one would have to go to the EPG and graph out each point individually, then compare to the appropriate curve, which required calculating the percentage of vehicles turning. With this spreadsheet, everything graphs automatically, as well gets color coded to match the appropriate curve on the graph. No graphing or calculations are needed, simply enter your data, and view the appropriate graph. Compare plotted points to curves by matching the color. If any plotted point falls to the right of the same color curve, a turn lane is warranted.

### Benefit

Using the Turn Lane Warrants spreadsheet simplifies work and saves staff time since no graphing or calculations need to be completed.

### Materials and Labor

No materials cost with 3 hours of staff time.

### For More Information Contact:

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Additional information, photos or videos can be seen by accessing the Innovations Challenge SharePoint page at:

<http://sharepoint/systemdelivery/TP/Documents/InnovationsChallenge.aspx>

