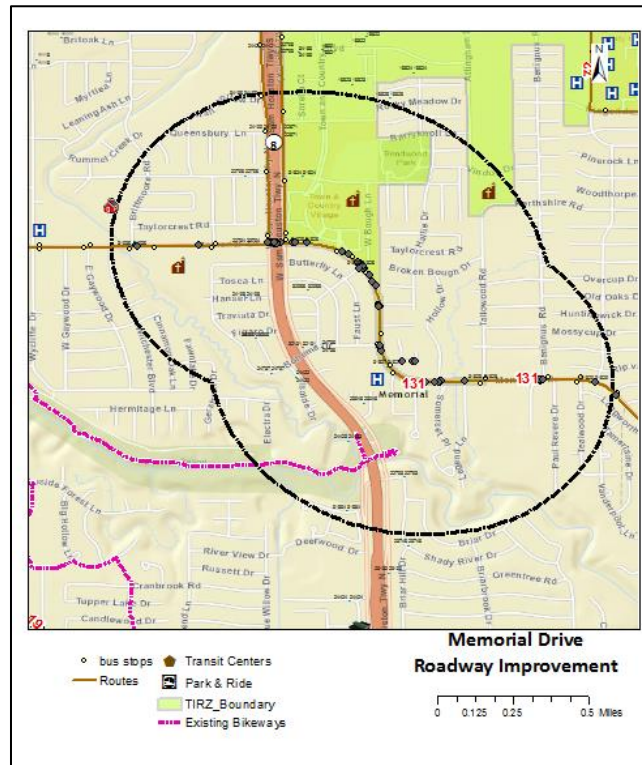
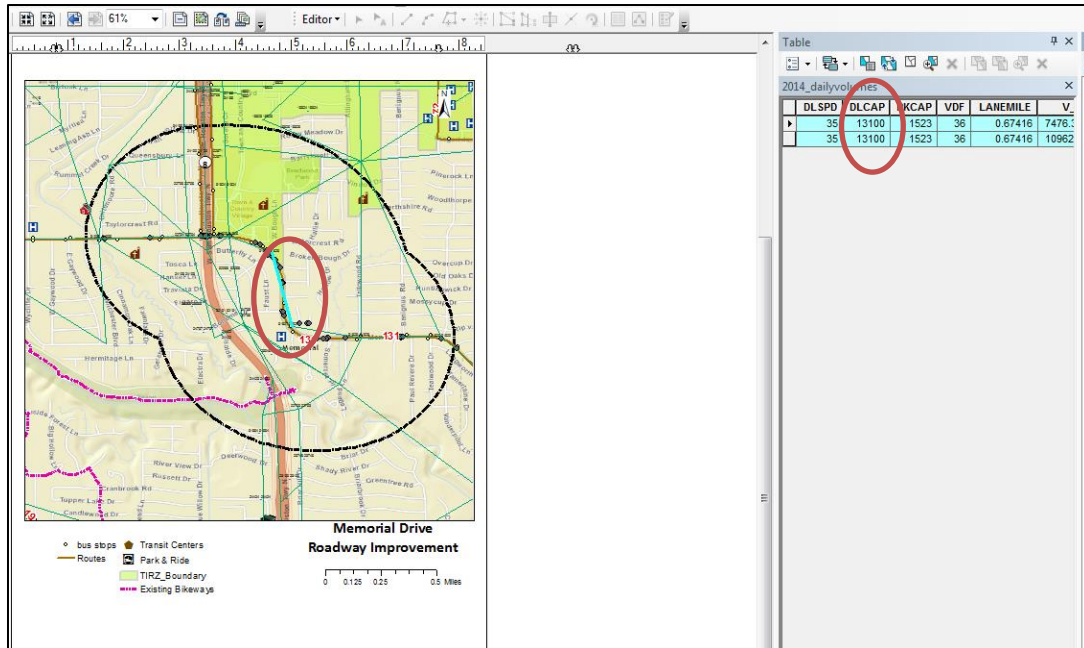


### *Crash Reduction Analysis Narrative*

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The Crash Modification Factor Clearinghouse (cmfclearinghouse.org) was accessed in order to determine the crash reduction factors (CRF) to apply towards the project. The installation of curb and gutter and the introduction of left turn bays is proposed as part of the project, and were factored in to the CRF calculation.

The installation of curb and gutter provides a CRF of 11%, and the installation of left-turn bays provides a CRF of 25%. This will result in a total CRF of 33.25%. The combination of these crash reduction factors was determined by using the formula available here:

<https://connect.ncdot.gov/resources/safety/Teppl/TEPPL%20All%20Documents%20Library/W-Projects--High%20Accident%20Location-Safety%20Project%20Reports,%20Benefit%20Cost%20Analysis%20-%20Evaluation%20Guidelines.pdf>