



NC Capital Area Metropolitan Planning Organization

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Legislation Text

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Commuter Rail System Guidelines, Evaluation Framework, and Scenario Evaluation Results

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This item covers two separate but interconnected deliverables associated with the Commuter Rail Transit (CRT) portion of the Fixed Guideway Corridors Major Investment Study (MIS). The CRT System Guidelines and Evaluation Framework serves to identify the existing and future transportation problems in the Triangle region and provides guidelines for design of the CRT system, including stations and performance targets for operations and how these targets will be evaluated. The CRT System Guidelines and Evaluation Framework document is included as **Attachment A**. The deliverables included in this document are (1) System Transportation Problem Identification, (2) Design Guidelines and Performance Targets, and (3) Evaluation Framework. The CRT design guidelines and performance targets were developed following a peer agency review. This review was used to represent different investment strategies and service levels and their applicability to the Wake-Durham CRT corridor. The evaluation framework was developed to understand the relative performance of different scenarios of operating plans and station locations, as well as their ability to meet the region's goals. The Wake County Transit Planning Advisory Committee (TPAC) recommended approval of the System Guidelines and Evaluation Framework to the CAMPO Executive Board and GoTriangle Board of Trustees at its April, 2019 meeting.

At its June, 2019 regular meeting, based on its recommendation of approval of the CRT System Guidelines and Evaluation Framework in April, the TPAC recommended to the CAMPO Executive Board and GoTriangle Board of Trustees acceptance of the Scenario Evaluation Results associated with the scenarios set in its recommended CRT Evaluation Framework. The evaluation framework was utilized to evaluate the performance of 16 potential station candidate zones and seven (7) different operating plans along the corridor. The Scenario Evaluation Results are included in **Attachment B**.

The TPAC-endorsed MIS Decision Plan for Interim Deliverables prescribes that both the System Guidelines and Evaluation Framework and the Scenario Evaluation Results be considered for approval and acceptance, respectively, by the Wake Transit governing boards.

Requested Action: Consider approval of the Commuter Rail System Guidelines and Evaluation Framework and consider acceptance of the corresponding Scenario Evaluation Results