

Regional Transportation Committee

Meeting date: February 18, 2025

Agenda Item #: 6 (Attachment D)

Parker Road/Colorado State Highway 83 Multimodal Corridor Study

Agenda item type: Discussion

Summary

This item provides an update on the Parker Road (Colorado State Highway 83) Multimodal, Safety, and Operational Improvements Analysis Corridor Study.

Background

With funding provided through the Denver Regional Council of Governments' (DRCOG) Transportation Improvement Program, Arapahoe County, City of Aurora, and the Colorado Department of Transportation (CDOT) initiated this study in late 2022. The study has evaluated opportunities to improve mobility and safety along Parker Road from Mississippi Avenue to Hampden Avenue. It has considered all modes of travel, with an emphasis on improving travel conditions and safety for bicyclists, pedestrians, and transit riders along and across the corridor. This corridor is also a key segment of the Speer/Leetsdale/Parker Bus Rapid Transit (BRT) corridor designated in DRCOG's 2050 Regional Transportation Plan, with BRT limits extending from East Colfax Avenue in Denver to Interstate 225 and the R-Line (Nine Mile Station) in Aurora.

The study conducted analysis to better understand the existing and forecasted travel and land use conditions and needs in the area. Following concept development, two levels of alternatives evaluation were conducted. As part of this process, 50 location-specific improvement options were developed. Then, 36 options were recommended to move forward and were combined into 16 potential projects based on location, connected elements, manageable size, and logical construction project limits. These projects were then prioritized based on their ability to address the study's Purpose and Need and goals, and their timing and effectiveness considering ease of implementation and magnitude of cost.

The study process also included significant community and stakeholder outreach. Currently, the study team is finalizing project recommendations; a final report and implementation plan will then be prepared. The final report will document the planning and decision making process, as well as recommended projects with their priority and potential timeframes. This will be used as a guide by each agency to move toward project funding implementation. It will also set the stage to conduct the next step (likely an Alternatives Analysis study) to further plan for and develop BRT in this corridor once funding is identified for such a study.

At the meeting, the corridor study's consultant will provide an overview of work completed to date, draft recommendations, and next steps to complete the study. In addition to the study presentation (Attachment 1), more information is available on the [study's website](#).



Action by others

None

Previous discussion/action

None

Recommendation

None

Attachment

Presentation

For more information

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