

EXECUTIVE SUMMARY

This section of Federal Boulevard currently serves large vehicular volumes, combined with high frequency bus service and significant pedestrian traffic. The road currently has substandard lane widths, a series of off-set and T-intersections, many private accesses, a narrow two-way center-turn lane, an existing lane imbalance with three southbound and two northbound through lanes, and a lack of consistent ADA compliant sidewalks. This project is part of Denver's continuing efforts to provide multimodal improvements for the entire Federal Boulevard corridor, continuing the partnership with CDOT begun with the Alameda to 5th reconstruction and continuing now with the 6th Avenue Bridges project with the next step being the reconstruction from 7th Avenue to Holden.

This project provides for the complete reconstruction of the roadway and includes the following elements: a raised median, intersection reconfiguration, curb and gutter, pedestrian amenities (including a more consistent 8' sidewalk attached sidewalk and ADA compliant ramps at intersections), as well as drainage improvements. The project will accomplish the following:

- Improve the safety (currently crash rate is 3 to 4 times higher than statewide average rates for all crash types) and efficiency of Federal Boulevard from US 6 to US 40 by providing a third northbound lane to address the existing lane imbalance through this section of Federal Boulevard.
- Widen the northbound and southbound lanes to meet AASHTO and CDOT minimum standards
- Manage access from left and right-turn movements at non-signalized points to improve safety
- Relieve traffic congestion on Federal Boulevard between US 6 and US 40 by allowing the system to operate at a level of service (LOS) considered acceptable for major arterial intersections in the Denver metropolitan area. In traffic engineering terms, this is a goal of LOS D or better during peak hours for 2035 traffic projections with regional growth

Multi-modal mobility for pedestrians, bicycles, public transit, and private/commercial vehicles along Federal Boulevard between US 6 and US 40 will be enhanced by:

- Linking with existing and planned improvements along sections of Federal Boulevard to the north and south
- Complying with Americans with Disabilities Act (ADA) standards
- Increasing pedestrian/bicycle mobility and access to bus stops along Federal Boulevard
- Enhancing vehicle, pedestrian/bicycle, and bus access to the Decatur-Federal LRT station Park-n-Ride on the West Line rail corridor.