



Federal Blvd BRT

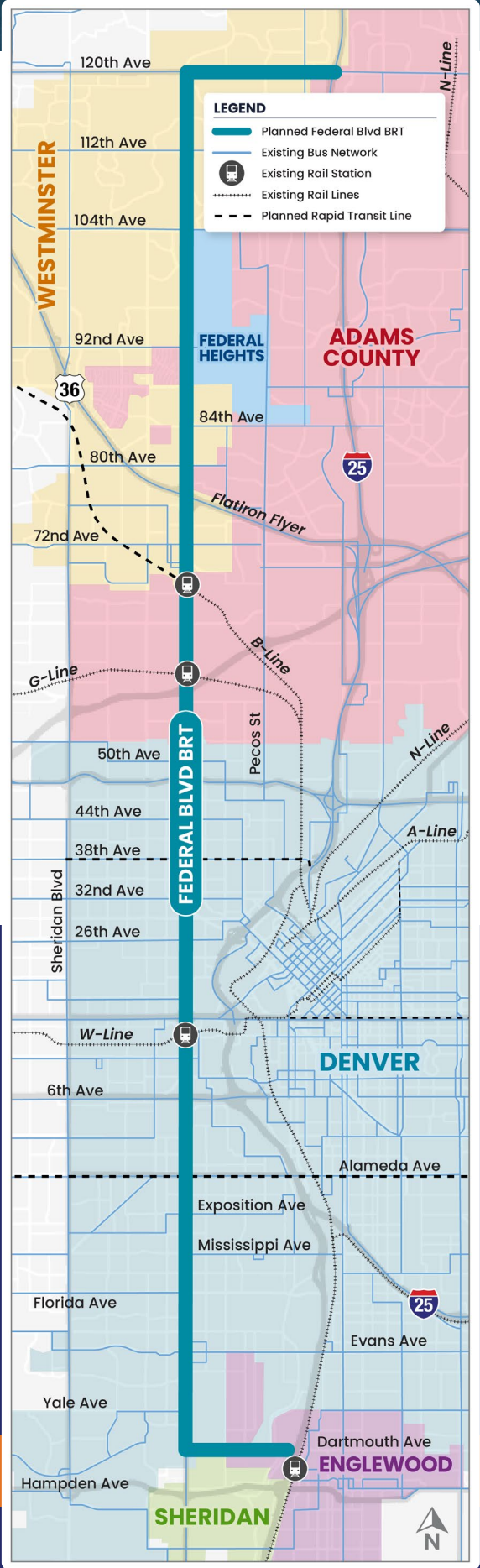
What is BRT?

Bus Rapid Transit (BRT) is a high-capacity, efficient bus service that incorporates elements of light rail. These include enhanced stations, all-door and near level boarding, purchasing tickets before riding, and in some locations, dedicated bus lanes. BRT achieves high-quality service because it minimizes delays, such as making frequent stops and getting stuck in traffic at intersections.

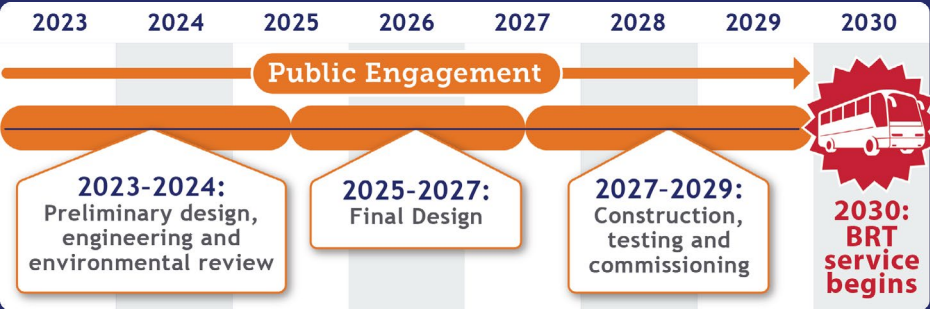
Why BRT on Federal Boulevard?

Federal Boulevard is one of RTD’s highest ridership bus routes. Currently, buses on the corridor experience significant delays, resulting in long travel times. BRT will reduce travel times and improve reliability.

CDOT’s Greenhouse Gas Transportation Planning Standard, adopted in December 2021, requires the reduction of surface transportation greenhouse gas emissions throughout the state. To meet the reduction standards in the Denver Metropolitan area, the Denver Regional Council of Governments (DRCOG) identified a combination of strategies and concepts for implementation, including investing in BRT on key corridors. Federal Boulevard was identified as one of the key corridors for BRT implementation by 2030.



Project Timeline



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Why BRT?

The Colorado Department of Transportation plans to improve travel along Federal Boulevard with attractive and efficient BRT service. The BRT routes will enhance transportation options on state highways and improve connections to the region’s many modes of travel. BRT achieves high-quality service by combining the capacity and efficiency of a light rail with the flexibility, cost, and simplicity of a bus. BRT will improve transit for existing riders and add high-quality service for new riders.

What does BRT look like?

Enhanced Stations
Enhanced stations typically include design elements that allow passengers to more efficiently get on and off the bus, and technology elements so that passengers waiting at the stop understand when their next bus will arrive.

Disclaimer: Graphic representation of BRT elements. Final BRT elements and design will be different than displayed.

Side Running Bus Lanes

Side running bus lanes allow buses to move through the corridor without delays from general traffic congestion. Right-turning vehicles are allowed to use the bus lane to turn right.

Bypass Lanes and Queue Jumps

Bypass lanes and queue jumps are located at targeted intersections where buses typically experience significant delay. They provide priority to buses to reduce delay experienced.

Transit Signal Priority

Transit signal priority allows buses to communicate with traffic signals as they approach an intersection. This allows the bus to proceed through an intersection more efficiently.

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