

# SHORT-TERM IMPROVEMENTS

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# APPENDIX A

DOTI must align how and where investments are made with our limited dollars to improve Denver's transportation system to advance our goals in the short-term. Developed in partnership with the community, *Denver Moves Everyone* defines an investment strategy that prioritizes transportation improvements projects that could provide the greatest benefit in the areas of the city that need them the most. Denver's short-term investment strategy includes improvements across all of Denver's transportation assets that were verified through public outreach and engagement during the Fall of 2022. Overall, participants expressed broad support for the type and level of improvements identified.

The short-term investment strategy includes transportation projects that DOTI intends to set in motion between now and 2030. While not all these projects will be built during this horizon, this allows DOTI to strategically phase priority projects and match with available funding to advance them towards construction.

Funding levels in this short-term investment strategy are based on the level of funding DOTI currently anticipates. This short-term improvement list extends DOTI's planning horizon and provides the ability to continuously advance priority projects through annual programming processes. Specific projects and improvement goals are subject to change as funding opportunities arise and funding needs are balanced.

## This section includes:

- + Summary of improvement types for major investment areas of Denver's transportation system
- + Short-term list of improvement goals for major investment areas
- + Short-term list of major multimodal improvements with location and description

# STREET SYSTEM IMPROVEMENTS

By 2050, Denverites want a world class transportation system where all neighborhoods have access to safe and high-quality mobility options. Through rigorous analysis and robust prioritization, *Denver Moves Everyone* identified short-term improvements across Denver's investment areas. The following improvements will be advanced by Denver through 2030. The projects listed are subject to change as funding opportunities arise and capital programming decisions are made on an annual basis.

IMPROVEMENT AREA	IMPROVEMENT DESCRIPTION	SHORT-TERM IMPROVEMENTS
<b>Bicycle &amp; Micromobility</b>	Improvements that provide bicyclists, electric scooters, and people using other forms of small personal vehicles – or micromobility – a safe and comfortable place to ride. This includes: <ul style="list-style-type: none"> <li>- Bikeways that are separated from traffic</li> <li>- Bikeways that are comfortable to ride with slow traffic on neighborhood streets</li> <li>- Safe ways to navigate intersections</li> <li>- Places to park bikes and other small personal vehicles</li> </ul>	Denver seeks to advance the following Bicycle & Micromobility Improvements in the short term: <ul style="list-style-type: none"> <li>- 100 to 150 miles of new bikeway projects and upgrades to existing bikeways</li> <li>- 2,000 to 2,500 new bike parking spaces</li> <li>- Sweeping, plowing, striping, and fixing existing bikeways to keep them in good shape, year-round</li> </ul>
<b>Walking &amp; Rolling</b>	Improvements to everything that helps make walking a safe and comfortable option, including: <ul style="list-style-type: none"> <li>- Sidewalks</li> <li>- Safe intersections to cross the street</li> <li>- Curb ramps for people using wheelchairs or mobility devices</li> </ul>	Denver seeks to advance the following Walking & Rolling improvements in the short term: <ul style="list-style-type: none"> <li>- 120 to 150 miles of new sidewalks, walkways, upgrades, and repairs</li> <li>- 200 to 250 new safe places to cross</li> <li>- 14,000 to 16,000 ADA accessible ramps at intersections</li> </ul>
<b>Transit</b>	Improvements that provide frequent, reliable, and quick public transit options and comfortable areas to wait including: <ul style="list-style-type: none"> <li>- Bus rapid transit corridors, which match the experience of taking light rail</li> <li>- Dedicated bus lanes and street designs that prioritize buses</li> <li>- Shelters and stations that feel safe and comfortable</li> </ul>	Denver seeks to advance the following transit improvements in the short term: <ul style="list-style-type: none"> <li>- 35 to 45 miles of Bus Rapid Transit corridors, which will match the experience of taking light rail</li> <li>- 30 to 35 miles of bus lane improvements to make buses quicker and more reliable</li> <li>- Upgrading 60 to 100 transit shelters with benches, heating, or lighting</li> </ul>
<b>Signals</b>	Improvements that help people cross the street in more places for all forms of travel, as well as keeping existing traffic signals in good shape. This includes: <ul style="list-style-type: none"> <li>- Replacing old traffic signals with new ones</li> <li>- Building more traffic signals to provide more crossings</li> <li>- Adding more bicycle and pedestrian signals</li> </ul>	Denver seeks to advance the following signal improvements in the short term: <ul style="list-style-type: none"> <li>- Adding, upgrading, or replacing 250 to 300 signals on busy streets</li> </ul>
<b>Streets, Alleys, Striping, and Signage</b>	Improvements that keep our streets connected and well-maintained. This includes: <ul style="list-style-type: none"> <li>- Maintaining streets and alleyways</li> <li>- Building new streets and alleyways</li> <li>- Installing and maintaining street signs and striping</li> </ul>	Denver seeks to advance the following street improvements in the short term: <ul style="list-style-type: none"> <li>- Resurface 2,500 to 3,000 miles of roadway to maintain pavement in fair condition or better</li> <li>- Upgrade 25 to 30 miles of alleyways</li> <li>- Restripe 7,500 to 9,000 lane miles</li> <li>- Replace all signs citywide every 13 years on a rolling basis</li> </ul>
<b>Streetscape and Curbspace</b>	Improvements that provide space for all the needs at the edge of streets, such as infrastructure to provide shade, cool streets, and improve air and water quality, as well as lighting. This also means space for loading, deliveries, and parking. This includes: <ul style="list-style-type: none"> <li>- Trees, plants, and landscaping</li> <li>- Pick up and drop off zones</li> <li>- Space for delivery vehicles</li> <li>- Metered parking</li> <li>- Street lighting</li> </ul>	Denver seeks to advance the following streetscape and curbspace improvements in the short term: <ul style="list-style-type: none"> <li>- Cooling 30 miles of Denver's streets by planting trees and installing landscaping improvements</li> <li>- Maximizing curbspace through innovative solutions for competing needs, including mobility, parking, loading, and freight access</li> <li>- Adding or replacing 250 to 300 parking meters with new parking pay stations</li> <li>- Completing 15 neighborhood parking inventories and curbside action plans</li> </ul>

# MAJOR MULTIMODAL PROJECTS

Major multimodal projects include significant pedestrian, bicycling, transit improvements that reimagine and redesign how Denver's streets work for all travelers. Denver will advance the following projects, subject to funding opportunities, through 2030.

PROJECT NAME	PROJECT DESCRIPTION
<b>E 56th Ave from Peoria St to Peña Blvd Roadway Widening</b>	This project will widen E 56th Ave from Peoria St to Peña Blvd and install multimodal improvements. The project will include widening E 56th Ave to include at least two travel lanes in each direction, a center median, new traffic signals and pedestrian crossings, a new multi-use path along the north side of the street, and improved drainage.
<b>Washington St from E 47th Ave to E 52nd Ave Complete Street</b>	Reconstruct Washington St from E 47th Ave north to E 52nd Ave. The final project will include enhancements including improved landscaping, bike and pedestrian facilities, on-street parking, redesigned vehicle lanes, and water-quality improvements.
<b>Buchtel Blvd from S University Blvd to S Colorado Blvd Complete Street and Intersection Improvements</b>	This project will construct a high comfort bicycle facility, pedestrian crossing improvements, improved signage, lighting, and wayfinding on Buchtel Blvd between S University Blvd and S Colorado Blvd. The bicycle improvements will replace the existing striped bike facility with a high-comfort bikeway. The project also includes improved and updated sidewalks and pedestrian safety improvements at four intersections: University and Buchtel, Colorado and Buchtel, University and Evans and Colorado and Evans. These improvements include reducing the angle at which vehicles approach the intersection, changing signal timing by adding a protected bike phase, adding bulbouts, raised medians, minimizing turning conflicts and increasing pedestrian visibility.
<b>Morrison Road Multimodal Improvements from S Sheridan Blvd to W Nevada Pl</b>	Reconstruct Morrison Road between S Sheridan Blvd and W Nevada Pl in order to narrow the street, expand sidewalks, add pedestrian crossings, add green features, slow traffic, and support Denver Vision Zero by improving the safety of the street. Additionally, the project will construct two public pedestrian plazas to expand community space, align with the neighborhood's Via Verde loop, amplify the corridor's colorful culture, and create the proposed Mercado Lineal.
<b>S Broadway from I-25 to E 6th Ave Multimodal Improvements</b>	Construct a high-comfort bikeway, new traffic signals, transit enhancements, and pedestrian infrastructure improvements along S Broadway from I-25 to E 6th Ave.
<b>Highline Canal at E Yale Ave and E Holly St Underpass</b>	Construct a trail underpass for the Highline Canal Trail at E Yale Ave and S Holly St, providing a safer trail crossing for trail users.
<b>Jewell Ave Pedestrian/Bicycle Bridge at S Santa Fe Dr</b>	Construct a bicycle and pedestrian bridge at Jewell Ave over S Santa Fe Dr. The project will provide critical regional bike and pedestrian trail linkage and east-west connectivity between transportation and recreational resources. Neighborhoods to the east (Overland, Platte Park, Rosedale, University, Washington Park) will have access to the South Platte River Trail/Ruby Hill Park and neighborhoods to the west (Overland, Ruby Hill, College View and southwest Denver) will have access to the RTD Evans Station.
<b>E Hampden Ave from S University Blvd to S Galena St Multimodal Improvements</b>	Construct multimodal improvements on E Hampden Ave between S University Blvd and S Galena St, including high-visibility crosswalks, sidewalk improvements, pedestrian signage, median refuges, traffic signal improvements, and transit amenities.
<b>E Yale Ave Improvements from I-25 to S Quebec St</b>	Construct multimodal improvements on E Yale Ave from I-25 east to S Quebec St, to provide more comfortable and connected multimodal facilities. Improvements include bicycle and pedestrian crossings, intersection improvements, and new sidewalks.
<b>5280 Trail - 21st St</b>	This project will support the development of a 14-block segment of the 5280 Trail on 21st St from Wynkoop St to E 20th Ave. The 5280 Trail is a vision to create a five-mile park and urban trail that will circle around Downtown Denver, including better connections between neighborhood destinations and open spaces around Downtown Denver. The 5280 Trail will also provide a central green space for recreation, relaxation and community events. The 21st St segment will convert the existing street into a festival street that prioritizes people, provides space to hold events, and enhances access to-and-from Coors Field.
<b>5280 Trail - Acoma St</b>	This project will support the development of a two-block segment of the 5280 Trail on Acoma from E 10th to E 12th Avenues. The 5280 Trail is a vision to create a five-mile park and urban trail that will circle around Downtown Denver, including better connections between neighborhood destinations and open spaces around Downtown Denver. The 5280 Trail will also provide a central green space for recreation, relaxation and community events. The Acoma segment of the trail is a critical section to advance in the near-term.
<b>Peoria St from E 37th Ave to E 56th Ave Multimodal Improvements - Phases 2 &amp; 3</b>	Construct pedestrian and bicycle facilities on Peoria Street from E 37th Avenue to E 56th Avenue. This project will improve access to the Peoria Commuter Rail Station, Rocky Mountain Arsenal, and residential, commercial and industrial properties along Peoria Street.
<b>Alameda Underpass Replacement at Railways</b>	Replace existing underpass under the two railways and the green space along Alameda Avenue to include an improved pedestrian and bicycling connection and expanded capacity for rail transit.
<b>S Broadway at I-25 Safety and Access Improvements Phase 2</b>	This project will include multimodal safety and access enhancements near the South Broadway Light Rail Station and I-25 interchanges into the neighborhood.
<b>E 51 St Ave from Logan St to Emerson St Multimodal Reconstruction</b>	Reconstruct 51st Ave from Logan St to Emerson St to include sidewalks, bike lanes, and stormwater improvements.
<b>E 54th Ave from Washington St to Franklin St Multimodal Reconstruction</b>	Reconstruct 54th Ave from Washington St to Franklin St to include sidewalks, curb and gutter, and other improvements to bring this street up to current street standards.
<b>Bettie Cram Bridge (E 48th Ave)</b>	Construct new bridge over the Platte River at E 48th Ave (Bettie Cram Dr) Bridge (48th Ave) over the Platte River to connect to National Western Center.

# MAJOR MULTIMODAL PROJECTS

PROJECT NAME	PROJECT DESCRIPTION
S Platte Trail Improvements from W Bayaud Ave to Phil Milstein Park	Widen existing 8' trail to 12' concrete trail with 4' soft shoulder and relocate 2500' feet of trail across the South Platte River to separate it from interstate traffic. Project also includes a pedestrian plaza and trail amenities. These improvements will enhance trail user experience along this section of the Platte River Trail.
High Line Canal Trail Underpass at S Quebec St	Construct a 16' wide, 12' tall underpass for the High Line Canal Trail under S Quebec St, just south of E Iliff Ave, creating a safer crossing for trail users.
38th Street Multimodal Underpass from Walnut St to Wynkoop St	Reconstruct the existing 38th Street underpass between Wynkoop St and Walnut St to create a safer and more comfortable crossing for bicyclists and pedestrians. Project will result in a stronger multimodal connection to the RINO neighborhood and 38th and Blake Station and surrounding areas.
47th Ave (over BNSF) Multimodal Bridge	Connect Fox Park to North Sunnyside via a new bridge serving vehicles, pedestrians, and bicyclists along the 47th Ave alignment.
31st St over I25 and BNSF Multimodal Bridge	Connect the Sunnyside Neighborhood with the River North area via a new multimodal bridge along the 31st Street alignment.
E 44th/43rd Ave at UPRR Pedestrian and Bicycle Bridge	Construct a new crossing of the rail tracks at the alignment of 44th Ave and Race. This link reconnects sections of the neighborhood separated by extensive rail operations.
Huron St at I-25 Underpass	Construct a tunnel connecting the proposed Huron St alignment under I-25. The new connection would serve vehicles, pedestrians, and bicyclists and provide a connection for local trips.
Bayaud Ave at South Platte River and I-25 Pedestrian and Bicycle Bridge	Construct a new overpass over I-25 and the South Platte River at Bayaud Ave. This overpass will connect Valverde Park to West Baker.
38th Avenue over Platte River between Arkins Ct and Ringsby Ct Multimodal Bridge	Construct a bridge at 38th Ave over the South Platte River between Arkins Ct and Ringsby Ct.
Weir Gulch Trail at Federal Blvd and W 8th Avenue Bridge or Underpass	Install a new bridge or underpass of the Weir Gulch Trail at Federal Blvd and W 8th Ave to improve bicycle safety and connectivity.
S Federal Boulevard and Sanderson Gulch Trail Bridge or Underpass	Install a new bridge or underpass at the intersection of S Federal Blvd and the Sanderson Gulch Trail to improve pedestrian and bicycle comfort and connectivity.
Green Valley Ranch Boulevard and Derby Lateral Trail Underpass	Install a trail underpass along Derby Lateral Trail under Green Valley Ranch Boulevard to improve pedestrian and bicycle connectivity and safety.
Race Ct at Brighton Bridge Reconstruction and Multimodal Improvements	Reconstruct Race Ct bridge at Brighton to include bicycle and pedestrian connections and repair the structure to a state of good condition.
Weir Gulch Trail at Alameda Ave Bridge or Underpass	Construct a bridge or underpass of Alameda Avenue for the Weir Gulch Trail to improve safety for all trail users.
S Broadway at I-25 Pedestrian and Bicycle Underpass	Construct a bicycle and pedestrian underpass under I-25 along South Broadway, to improve safety and connectivity for all road users.
Huron Street New Multimodal Roadway	Construct Huron St from 47th to Park Ave West, including a bicycle and pedestrian overpass at 38th Ave.
Huron St at I-70 Underpass	Construct an underpass along the new Huron St alignment under I-70 east of UPRR connecting Sunnyside to Globeville Elyria-Swansea.
NWC Trail from Globeville Landing Park to National Western Complex	Construct a multi-use trail from Globeville Landing Park to the National Western Complex under I-70.
N Broadway from W 6th Ave to W 16th Ave Multimodal Reconstruction	Construct a new high-comfort bikeway, transit improvements, crossing improvements, and signal improvements on N Broadway from 6th Ave north to E 16th Ave.
Chambers Road Multimodal Improvements	Construct multimodal arterial improvements that would enhance connectivity and safety for all users. Improvements could include transit amenities and priority treatments, pedestrian crossings, freight operation improvements, and street trees.
E 1st Ave and Cherry Creek Trail from S Downing St to S University Blvd Multimodal Reconstruction	Reconstruct 1st Ave between Downing St and University Blvd to widen the Cherry Creek Trail and increase speed and reliability of transit along the corridor.
Santa Fe from W 6th Ave to W 13th Ave Streetscape Improvements	Enhance and make permanent existing streetscape improvements along Santa Fe Dr from W 6th Ave to W 13th Ave.

# MAJOR MULTIMODAL PROJECTS

PROJECT NAME	PROJECT DESCRIPTION
<b>W Colfax Ave and Federal Blvd Interchange Reconstruction</b>	Reconstruct the W Colfax Ave and Federal Blvd interchange to maximize network opportunities and future land use efficiency.
<b>York St and Josephine St from E Colfax Ave to E 52nd Ave Multimodal Improvements</b>	Construct multimodal improvements along York St and Josephine St from E Colfax Ave to E 52nd Ave. Project will include pedestrian crossing improvements, upgrades to existing traffic signals to improve safety, potential addition of new traffic signals, and improvements that speed up buses along the corridor.
<b>E Colfax Ave from Broadway to Yosemite St Bus Rapid Transit</b>	Construct center-running Bus Rapid Transit along E Colfax Ave from Broadway to Yosemite St. Project improvements will greatly improve speed and reliability of transit service along the corridor, install sidewalks, new signals, and pedestrian crossings to make travel for all modes safer and easier for everyone, and significantly improve bus stop amenities throughout E Colfax Ave.
<b>S Federal Blvd from W 20th Ave to W Dartmouth Ave Bus Rapid Transit</b>	Construct side-running Bus Rapid Transit along S Federal Blvd from W 20th Ave to W Dartmouth Ave. Project improvements will greatly improve speed and reliability of transit service along the corridor, install sidewalks, new signals, and pedestrian crossings to make travel for all modes safer and easier for everyone, and significantly improve bus stop amenities throughout S Federal Blvd.
<b>Colorado Blvd from E 40th Ave to E Evans Ave Bus Rapid Transit</b>	Construct Bus Rapid Transit along Colorado Blvd from E 40th Ave to E Evans Ave. Project improvements will greatly improve speed and reliability of transit service along the corridor, install sidewalks, new signals, and pedestrian crossings to make travel for all modes safer and easier for everyone, and significantly improve bus stop amenities throughout Colorado Blvd.
<b>38th Ave from Sheridan Blvd to Arapahoe St Bus Rapid Transit</b>	Construct Bus Rapid Transit along 38th Ave from Sheridan Blvd to Arapahoe St. Project improvements will greatly improve speed and reliability of transit service along the corridor, install sidewalks, new signals, and pedestrian crossings to make travel for all modes safer and easier for everyone, and significantly improve bus stop amenities throughout 38th Ave.
<b>Speer Blvd and Leetsdale Dr from Broadway to E Mississippi Ave Bus Rapid Transit</b>	Construct Bus Rapid Transit along Speer Blvd and Leetsdale Dr from Broadway to E Mississippi Ave. Project improvements will greatly improve speed and reliability of transit service along the corridor, install sidewalks, new signals, and pedestrian crossings to make travel for all modes safer and easier for everyone, and significantly improve bus stop amenities throughout the Speer Blvd and Leetsdale Dr corridors.