

Denver Moves: Downtown

Community Task Force

WORKSHOP #3
June 25, 2019





Meeting Purpose



- Update of the technical process
- Introduce and gather feedback on draft alternative options
- Seek input on potential projects
- Discuss next steps





Welcome



MEETING GUIDELINES

- Demonstrate courtesy and respect
- Be collaborative
- Provide productive ideas and feedback
- Focus on the task at hand
- Actively listen, keep an open mind and refrain from interrupting
- Help us stay on agenda
- Adhere to the above guidelines at all times

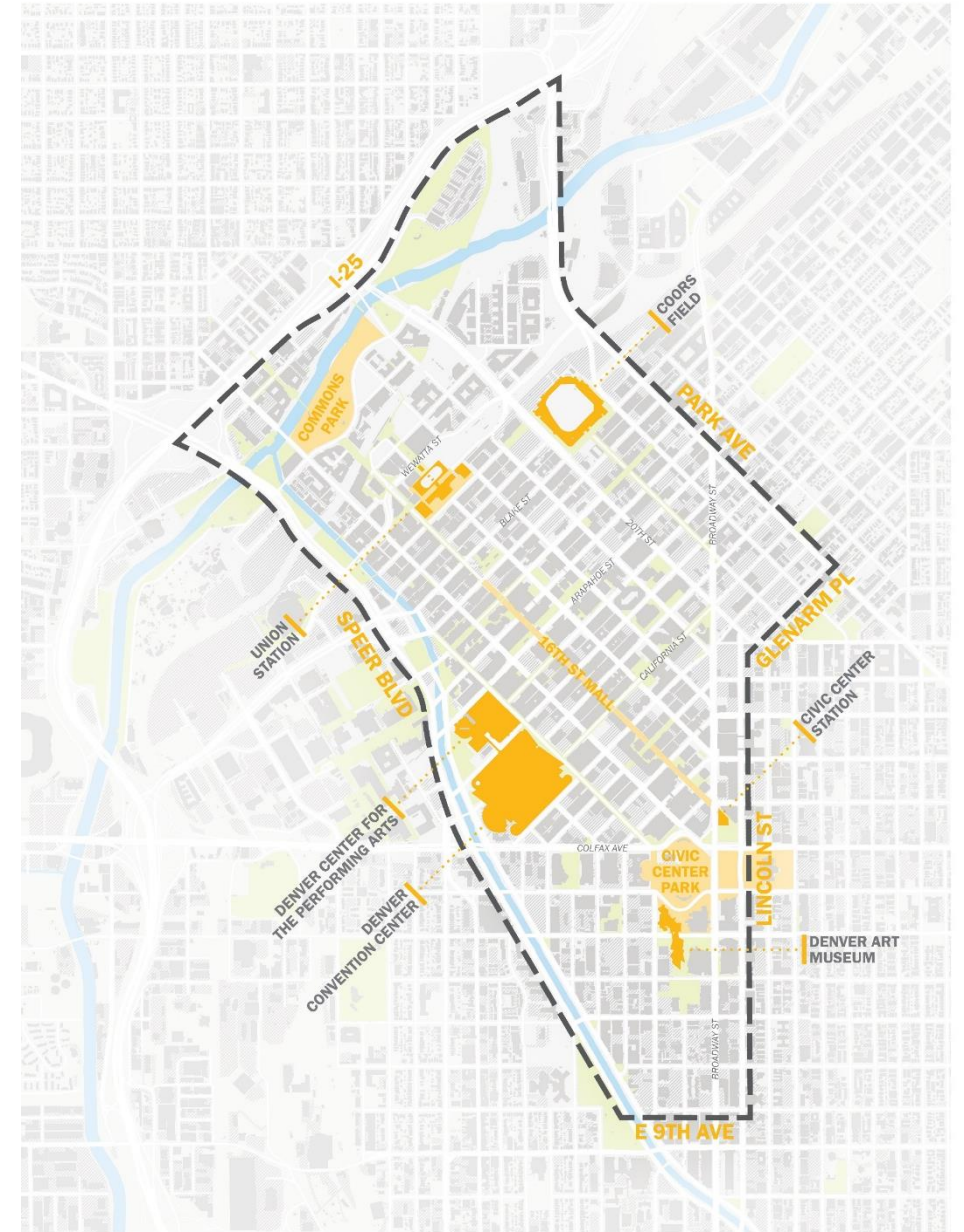


Project Update



PROJECT OVERVIEW

- Re-envision the downtown transportation system
- Advance multimodal improvements
- Develop near-term and long-term projects
- Develop or test early action projects





TECHNICAL WORK JANUARY-APRIL 2019

- Transit Visioning Workshop
- State of the System
- Public Survey
- Initiated Level 1 Scenarios
- Peer City Review

APRIL-JUNE 2019

- Community Taskforce Workshop #2
- Scenarios Charrette
- Alternatives Development



Baseline and Existing Programming Overview

In 2040, the only changes to mobility systems downtown are those programmed as of 2019.

DRAFT Scenario 01

Key Components

Broadway Corridor Improvements

Dedicated Transit Lanes and Protected Bicycle Lanes on 18th/19th

Coffax Corridor Improvements

21st Festival Street

How Well Does This Scenario Achieve The Project's Goals?

1 Increase Capacity Through Mode Shift By Providing Choices

2 Make Downtown Streets Safe

3 Increase Walking and Bicycling

4 Increase Transit Ridership

Green And Healthy Overview

In 2040, downtown is blanketed by a canopy of trees and inviting social spaces. Bike and pedestrian space is organized around large planters and green stormwater infrastructure in the public right-of-way, with high-capacity transit service moving along key connections.

DRAFT Scenario 07

Key Components

Pedestrian Prioritized Streets and Intersections

Civic Hubs and Inviting Social Spaces

Increase Downtown Tree Canopy

Green Stormwater Infrastructure

Transit Station Ramps and Bicycles

Concept Map

How Well Does This Scenario Achieve The Project's Goals?

1 Increase Capacity Through Mode Shift By Providing Choices

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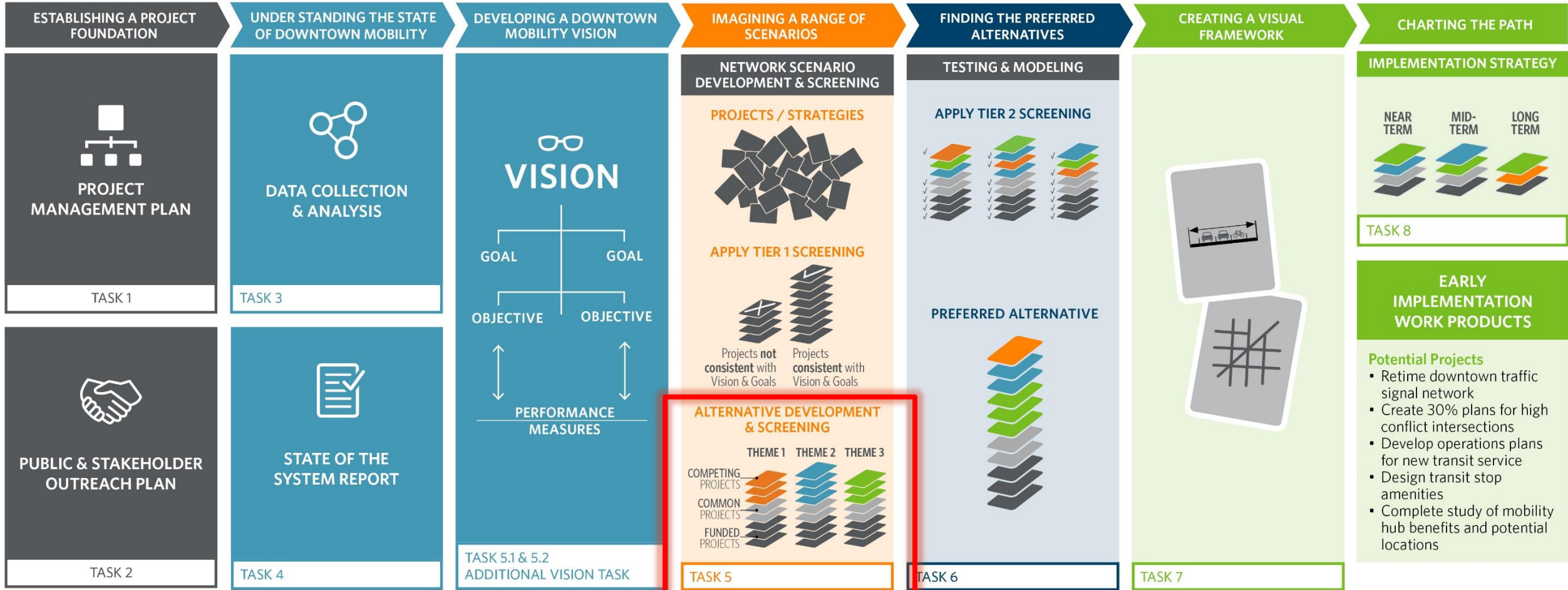
4 Increase Transit Ridership

5 Increase and Diversify Downtown Economic

6 Improve Air Quality



SCENARIO DEVELOPMENT PROCESS: WHERE WE ARE





SCENARIO DEVELOPMENT PROCESS: WHERE WE'RE GOING

ESTABLISHING A PROJECT FOUNDATION

UNDERSTANDING THE STATE OF DOWNTOWN MOBILITY

DEVELOPING A DOWNTOWN MOBILITY VISION

IMAGINING A RANGE OF SCENARIOS

FINDING THE PREFERRED ALTERNATIVES

CREATING A VISUAL FRAMEWORK

CHARTING THE PATH




PROJECT MANAGEMENT PLAN

TASK 1



DATA COLLECTION & ANALYSIS

TASK 3



VISION


```

    graph TD
      VISION --- GOAL1[GOAL]
      VISION --- GOAL2[GOAL]
      GOAL1 --- OBJECTIVE1[OBJECTIVE]
      GOAL2 --- OBJECTIVE2[OBJECTIVE]
      OBJECTIVE1 <--> PM[PERFORMANCE MEASURES]
      OBJECTIVE2 <--> PM
  
```

TASK 5.1 & 5.2
ADDITIONAL VISION TASK

NETWORK SCENARIO DEVELOPMENT & SCREENING

PROJECTS / STRATEGIES



APPLY TIER 1 SCREENING



Projects **not** consistent with Vision & Goals

Projects **consistent** with Vision & Goals

ALTERNATIVE DEVELOPMENT & SCREENING

THEME 1 THEME 2 THEME 3

COMPETING PROJECTS

COMMON PROJECTS

FUNDED PROJECTS

TASK 5

TESTING & MODELING

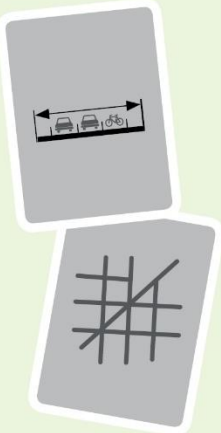
APPLY TIER 2 SCREENING



PREFERRED ALTERNATIVE




TASK 6



TASK 7

IMPLEMENTATION STRATEGY

NEAR TERM MID-TERM LONG TERM



TASK 8

EARLY IMPLEMENTATION WORK PRODUCTS

Potential Projects

- Retime downtown traffic signal network
- Create 30% plans for high conflict intersections
- Develop operations plans for new transit service
- Design transit stop amenities
- Complete study of mobility hub benefits and potential locations



Draft Alternatives



SCENARIO FEEDBACK THEMES

- Alley activation
- Connectivity
- Curbside management
- Density
- Enhanced placemaking
- Freight/loading management
- Green and natural
- Long-term/short-term needs
- Policies
- Traffic calming

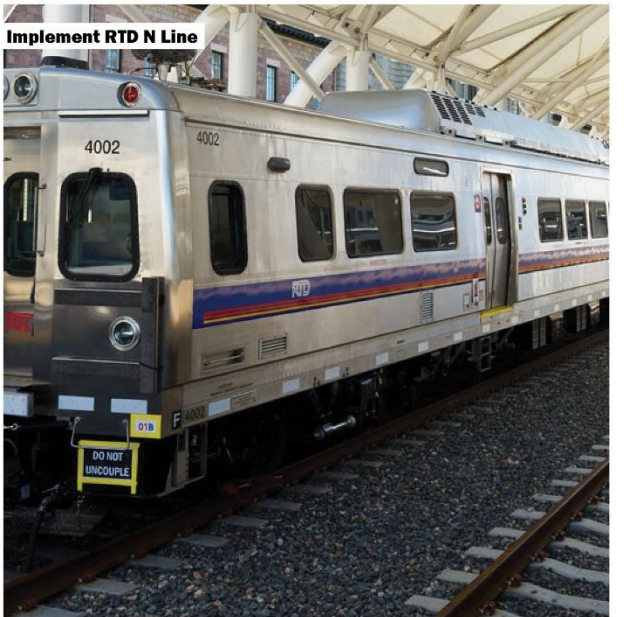


SCENARIO FEEDBACK THEMES

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ALTERNATIVE A: FUNDED PROJECTS

In 2040, downtown realizes a synthesis of key projects, policies, and regulations recommended by previous planning studies.



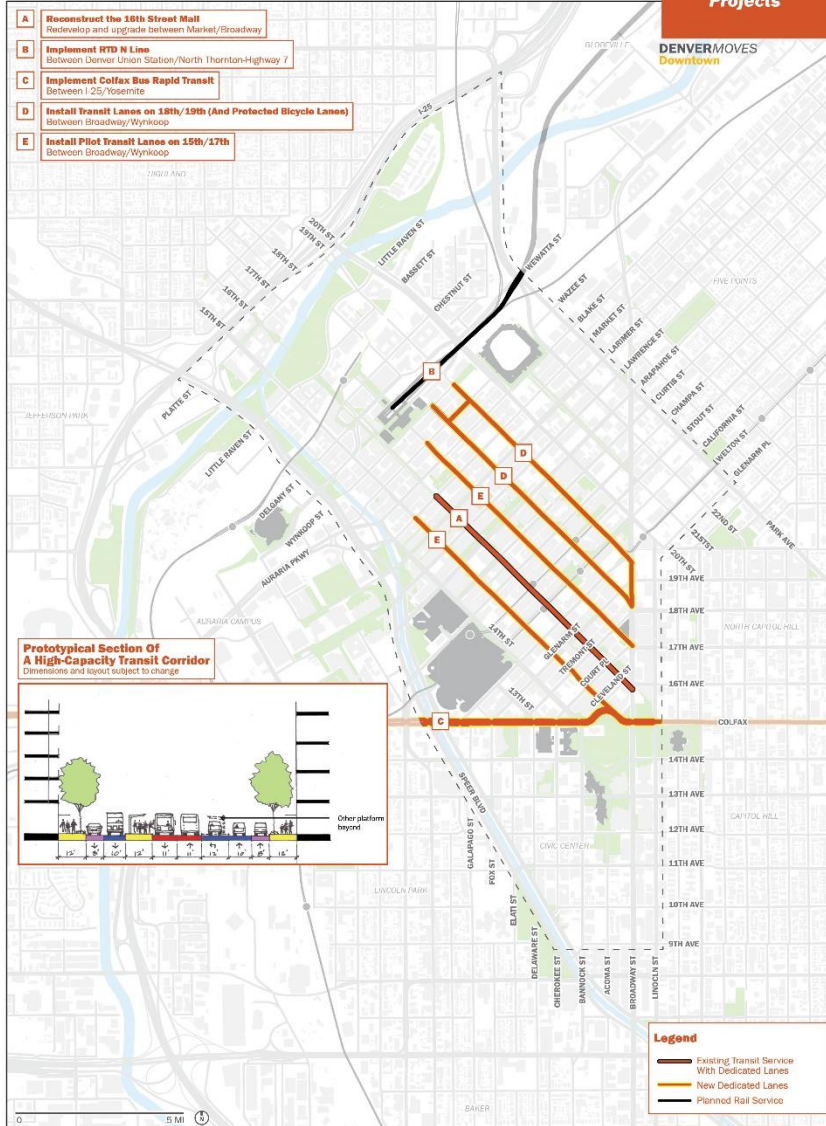


Key Transit Projects

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Alternative A

Funded Projects

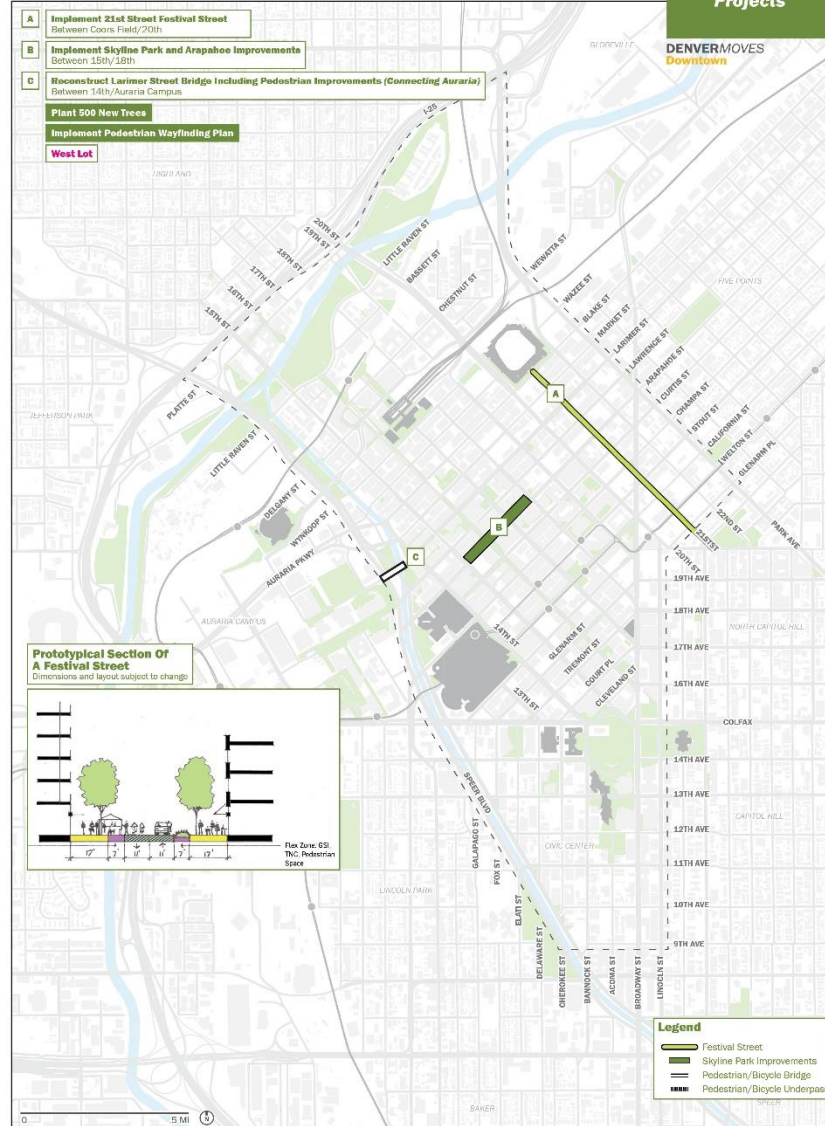


Key Pedestrian And Urban Realm Projects

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Alternative A

Funded Projects

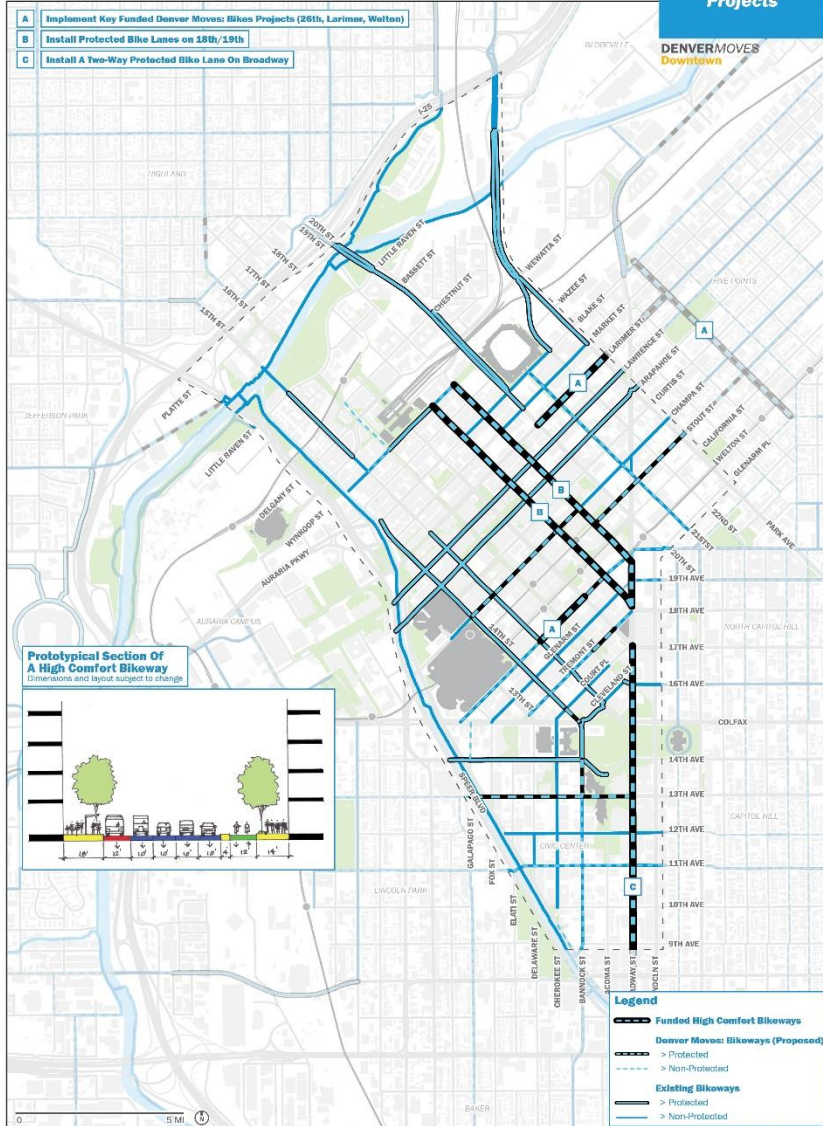




Key Bike Projects

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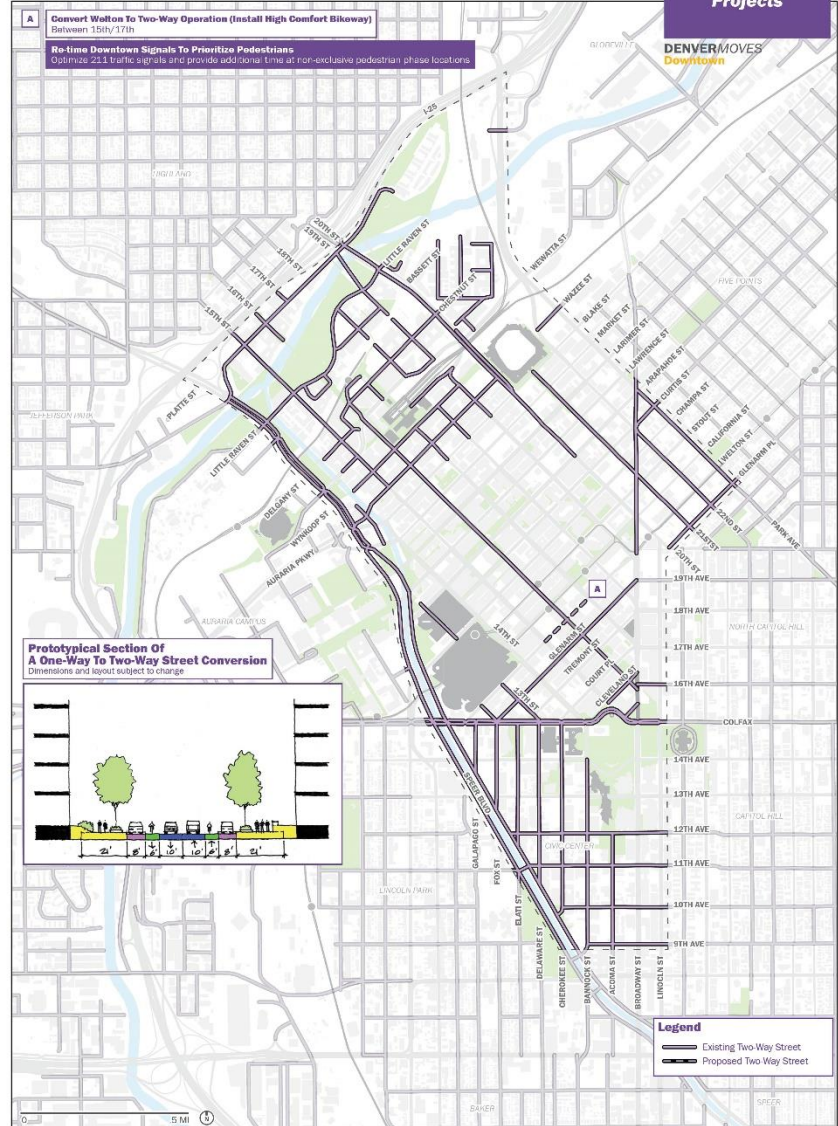
Alternative A
Funded Projects



Key Vehicular Operation Projects

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Alternative A
Funded Projects



ALTERNATIVE B: COMBINING RECENT PLAN RECOMMENDATIONS

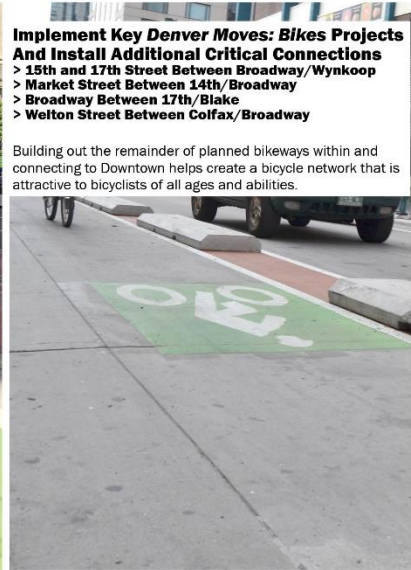
In 2040, downtown realizes a synthesis of key projects, policies, and regulations recommended by previous planning studies.



Install Pilot Transit Lanes on 15th/17th
Designating street space for exclusive use of transit vehicles allows the City to help transit reach its potential to transport more people reliably and rapidly.

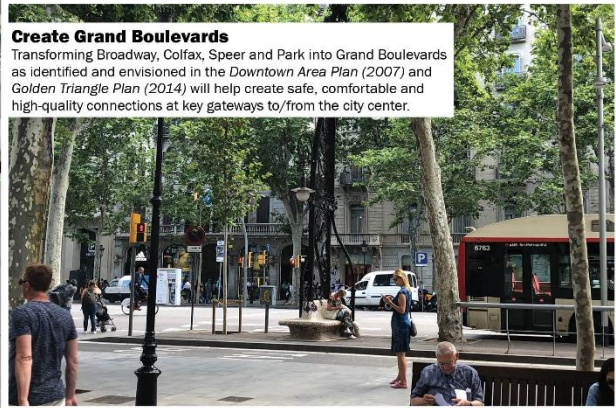


Install Protected Bicycle Lanes and Transit Lanes on 18th/19th
Providing high comfort bikeways and transit lanes helps create a bicycle network that is attractive to bicyclists of all ages and abilities and allows the City to help transit reach its potential to transport more people reliably and rapidly.



Implement Key Denver Moves: Bikes Projects And Install Additional Critical Connections
> 15th and 17th Street Between Broadway/Wynkoop
> Market Street Between 14th/Broadway
> Broadway Between 17th/Blake
> Welton Street Between Colfax/Broadway

Building out the remainder of planned bikeways within and connecting to Downtown helps create a bicycle network that is attractive to bicyclists of all ages and abilities.



Create Grand Boulevards
Transforming Broadway, Colfax, Speer and Park into Grand Boulevards as identified and envisioned in the *Downtown Area Plan (2007)* and *Golden Triangle Plan (2014)* will help create safe, comfortable and high-quality connections at key gateways to/from the city center.



Create Green Streets
Increasing the amount of trees and understorey improves the quality of the Downtown streetscape network, improves air and water quality, and decrease the amount of impervious surfaces.

ALTERNATIVE C: MAXIMIZING PERSON TRIP CAPACITY

In 2040, downtown is organized around high quality and high-capacity transit, high comfort bikeways, and safe, comfortable and accessible streets and intersections for all ages and abilities.

Provide A Transit Circulator On Larimer Between Pepsi Center - Elitch Gardens Station and 38th/Blake Station
Providing direct, simply and easy to use east-west transit service through the center of Downtown will help connect key existing and emerging destinations and move more people efficiently within the city center.



Extend LRT Into The Heart Of Arapahoe Square
Extending LRT further into Arapahoe Square will help unlock potential development and ensure anticipated growth and density is served through efficient and sustainable modes of transportation.

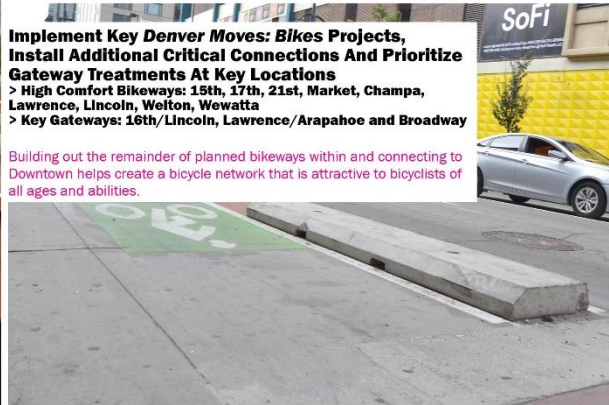


Provide a River Mile/RiNo Circulator Between Pepsi Center - Elitch Gardens Station and 36th/Blake via Wewatta
Designing transit service to connect existing and planned dense, mixed-use districts will connect and complement the transit system and move more people by transit.



Implement Key Denver Moves: Bikes Projects, Install Additional Critical Connections And Prioritize Gateway Treatments At Key Locations
> High Comfort Bikeways: 15th, 17th, 21st, Market, Champa, Lawrence, Lincoln, Welton, Wewatta
> Key Gateways: 16th/Lincoln, Lawrence/Arapahoe and Broadway

Building out the remainder of planned bikeways within and connecting to Downtown helps create a bicycle network that is attractive to bicyclists of all ages and abilities.



Re-purpose Existing Curbside Uses
Providing high-productivity curbside uses such as a bus stop, freight loading zone, designated pick-up/drop-off area, bicycle parking and high comfort bikeways can attract and maximize walking, biking, rolling or taking transit by removing conflicts and providing desirable mobility options.



ALTERNATIVE D: GREEN AND HEALTHY

In 2040, downtown is blanketed by a canopy of trees and inviting social spaces. Bike and pedestrian space is organized around large planters and green stormwater infrastructure in the public right-of-way, with high-capacity transit service moving along key connections.



Re-purpose Existing Curbside Uses

Public and cafe seating, stormwater planters, public art, urban play areas and other green and healthy curbside uses are critical to providing spot locations for people and nature.



Plant 1,000 New Trees

Growing the urban forest by planting and maintaining 1,000 new trees is a basic amenity and critical component to achieving a sustainable, green and comfortable environment.



Redesign The 15th Street Bikeway

Re-imagining the 15th Street Bikeway to maximize safety and comfort is a critical link in the bicycle network to promotes healthy mobility options.



Convert Larimer, Curtis, 14th, 15th, 17th, 18th and 21st Street From One-Way To Two-Way Operation

Expanding the two-way street network downtown will slow traffic speeds and create a pedestrian friendly environment with opportunities for green and health mobility options.



Create The 5280

Prioritizing people, health, culture and nature by stitching together re-imagined and re-purposed shared public spaces serves as the backbone of a new downtown public space network that creates inviting spaces for people.



Create Shared Streets

Building off of The 5280, shared streets can help further permeate public space downtown with slow traffic speed and pedestrian prioritized environments.



Re-purpose Alleys

Green alleys with sustainable materials, permeable pavement and effective drainage will assist in creating a sustainable downtown while providing another layer to an interconnected network of people oriented places.



Create Green Streets

Ultra urban green infrastructure including streetside and bumpout stormwater planters, green gutters and tree trench/pits can assist in bringing nature into the city improve the streetscape network, improve air and water quality and decrease the amount of impervious surfaces.



Alternative Options Discussion

1. Do these 4 alternatives make sense? Any big concept missing?
2. Rotate through stations for each alternative (20 minutes each)
 - Review foundational projects
 - What's missing?
 - What doesn't fit?
 - Where are the best synergies, worst conflicts?
3. Report out on Task Force's suggestions for the project team
 - Changes to alternatives?



Next Steps

July / August

- Alternative refinement and evaluation of 4 Alternatives based on 6 goals
- Bike to Work Day (tomorrow!)

August / September

- Development of preliminary recommendations (projects and policies)
- Present recommendations to Task Force

October / November

- Refinement of recommendations
- Develop cross sections and network maps

December / January

- Implementation strategy
- Finalize report and other deliverables



END



COMMUNITY TASKFORCE ORGANIZATIONS

Arapahoe Square Design Advisory Board

Ballpark Collective

Bicycle Colorado

Bicycle Colorado

Bike Denver

Blake 27

City Council (Districts 9 and 10)

CityLive

Clements Historic District Neighborhood Association

Colorado Motor Carriers Association

Colorado Rockies

Cultural Arts Residential Organization

CU Denver - Dept. of Urban and Regional Planning

Curtis Park Neighbors

Denver Art Museum

Denver Broncos

Denver Convention Center

Denver Streets Partnership

Downtown Denver BID

Downtown Denver Partnership Mobility Council

Downtown Denver Partnership Public Realm Council

Downtown Denver Partnership Retail Council

Enterprise Hill Homeowners Association

Five Points BID

Five Points Business District

Five Points Historic Association

Golden Triangle Creative District

Greenway Foundation

Inter-Neighborhood Cooperation (INC)

Larimer Place Condominium Association

LoDo District, Inc.

Lower Downtown Design Review Board

Lower Downtown Historic District

Lower Downtown Neighborhood Association (LoDoNA)

Mayor's Bicycle Advisory Committee

Mayor's Multi-Modal Advisory Committee

Mayor's Pedestrian Advisory Committee

Monarch Mills HOA

Pepsi Center

Rio Norte

Riverfront Park Association

RTD Citizen's Advisory Committee

The Central Platte Valley - Auraria District RNO

The Points Historical Redevelopment Corp

The River Mile

Union Station Advocates

Union Station North

Vision Zero

Visit Denver

Walk Denver

Windsor Condominium Association

KEY STAKEHOLDER ORGANIZATIONS

1600 Glenarm	Cushman & Wakefield	Hilton Garden Inn	Museum Residences	The Crawford Hotel
11th Avenue Hostel	DaVita	History Colorado	NAI Shames Makovsky	The Free Ride
Acoma	Denver Commission for People with Disabilities	Holiday Inn Express	NATIV Hotel	The Maven
AJAX Lofts	Denver Commission on Aging	Homewood Suites	Newmark Knight Frank	The Oxford Hotel
Aloft	Denver Energy Center	Hostel Fish	Opportunity Corridor Coalition of United Residents	The Residences at Civic Center
AMLI Riverfront Green	Denver Fire Department	Hotel Indigo	Razor	The Residences at Lawrence Street Center
Ashley Union Station	Denver Health	Hotel Teatro	Red Peak	The Ritz-Carlton
Auraria Campus	Denver Housing Authority	Hyatt House	Residence Inn	The Ritz-Carlton Residences
B-Cycle	Denver Office of Disability Rights	Hyatt Regency	RiNo Art District	The Salvation Army
Bird	Denver Police Department	Jay's Valet Parking	RiNo BID	The Shire of Capitol Hill
Brookfield Properties	Denver Rescue Mission	Jefferson Park United Neighbors	RPM	The Station at Riverfront Park Apartments
Brown Palace	Downtown Denver Expeditionary School	JLL	S + P Parking	The Westin
Cadence at Union Station	Downtown Denver Partnership	Jump	Saint Joseph Hospital	Trammel Crow
Callahan Capital Properties	Elyria Swansea/Globeville Business Association	Kimpton Hotel Born	Samaritan House	Uber
Capitol Hill United Neighborhoods, Inc.	Embassy Suites	Kimpton Hotel Monaco	Sheraton	UCAN
Car2Go	Emily Griffith Technical College	Kittredge Building	SkyHouse Denver	Unico
Chariot	EMS Services	La Alma / Lincoln Park Neighborhood Association	Spin	University of Colorado at Denver
City Lofts	E-Tuck	La Alma Neighborhood Association	Spire	Unsinkables, Inc.
Colfax on the Hill, Inc.	FedEx	LAZ Parking	St. Francis	UPS
Colorado Coalition for the Homeless	Focus Property Group	Le Meridien	Stadium Lofts	Uptown on the Hill
Colorado Restaurant Association	Four Seasons	Lime	Star Parking	Urban Peak
Colorado School of English	Four Seasons	LiveWell Colorado	Staybridge Suites	VIP Parking
Colorado State University - Denver	Gart Properties	Lyft	Sysco	Wazee Loft Condos
Commons Park West	Glass House	Magnolia Hotel	Tavern Group	Welton Corridor Property Owners
Community College of Denver	Grand Hyatt	McWHINNEY	The Apartments at Denver Place	West Denver United
Continuum	Halcyon House Apartments	Metro Taxi	the ART Hotel	Writer's Square Lofts
Courtyard Marriott	Hampton Inn & Suites	Metropolitan State University of Denver	The Art Institute of Colorado	Zagster
Crowne Plaza	Hilton Denver City Center	Mile High Pedicabs	The Confluence	ZipCar