Denver Moves: Transit Task Force

Meeting #8 – October 5, 2017
1. Welcome & Introductions

• Opening remarks and housekeeping
• Task Force and audience introductions
• Upcoming events and good-to-knows
Upcoming Events & Good-to-Knows

• 7th Annual Transit Event/Transportation Summit (Oct 23)  
  http://www.transitalliance.org/annualtransitevent

• Blueprint Denver’s Future Places Map Survey (through Oct 20)  

• Denver Moves: Pedestrians & Trails Prioritization Survey  
  https://docs.google.com/forms/d/e/1FAIpQLSdIa_76EBJ9x9hAM3wpvx9v5zpnoRFlij-kioCmsmrBR8E3qGA/viewform

• Hampden Corridor Study Open House (Nov 1)  
  http://www.denvergov.org/HampdenAve
2. Project Updates

• Recent Denver Moves: Transit Plan work
• Schedule moving forward
Corridor Outreach Overview

- 1,000 total responses
- Survey open for 6 weeks – mid-August through September

Favorite Quote:
“We need to leverage mass transit in a variety of forms as a catalyst for Denver’s successful growth.”
Engagement Efforts

- 52% of online respondents from newsletter or social media

- Paper surveys collected at 7 events (e.g., South by Southeast, Green Valley Ranch Farmers Market)

- Flyer printed and distributed at Blueprint events (and beyond)
Survey Results

- 853 online responses, 153 paper responses
- Colfax received 525 overall votes for highest priority corridor
Who Participated

• Online survey received high percentage of responses from choice transit riders

• Lower participation from people using transit more frequently
Who Participated

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<th>Corridor Survey Responses by Focus Area</th>
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Focus Area Locations

1. **Northwest**
   - Regis
   - Chaffee Park
   - Green Valley
   - Jefferson Park
   - Union Station
   - City Park West
   - Azacca
   - North Capitol Hill
   - West Colfax
   - East Valley
   - Gladbrook
   - Cheesman Park
   - Lincoln Park
   - Capitol Hill

2. **West Central**
   - West Colfax
   - Sea Valley
   - Civic Center
   - Capitol Hill
   - Lakes Park
   - Arapahoe
   - Lincoln Park
   - Riordan West
   - Broomfield
   - Wyoming
   - Cherry Creek
   - Hilltop

3. **Southwest**
   - Bear Valley
   - Hamby Park South
   - Fort Logan
   - Marine

4. **Northeast**
   - Clayton
   - North Park Hill
   - South Park Hill
   - Airport
   - Gateway-Green Valley Ranch
   - Montbello
   - Dict

5. **East Central**
   - City Park
   - South Park Hill
   - East Colfax
   - Congress Park
   - Hale
   - Montclair
   - Cherry Creek
   - Hilltop

6. **Southeast**
   - Cays-Marill
   - Virginia Village
   - Indian Creek
   - University Park
   - Goldsmith
   - South

7. **Far Northeast**
   - Montbello
   - Dict
   - Gateway-Green Valley Ranch

Denver Movers, Transit
The Mile High City
Update on Corridor Evaluation

Comprehensive Set of Corridors

Initial Corridor Screening

Corridor Prioritization

Denver Moves: Transit Plan

EXISTING SERVICE & PAST STUDIES

BASIC CRITERIA

FOCUSED CRITERIA
Evaluate for Transit Corridor Capital Improvements
Preliminary Plans for Winter Outreach

- Combine open house, drop-in workshop, and public meeting
- 4 corridor locations and 1 downtown location
- Boards, activities, and short (looped) presentation
- Supplement with online engagement tools
Task Force Roadmap

START

Goals & Measures of Success
DECEMBER 2016

Evaluation Framework
FEBRUARY 2017

Transit Scenarios
APRIL 2017

Priority Corridors
JUNE 2017

Access, Connections, & Programs
AUGUST 2017

Project Costs, Funding, & Implementation
OCTOBER 2017

Draft Plan
DECEMBER 2017

TOPICS

- Why Denver Moves: Transit?
- Values & Vision Elements
- Goals & Measures of Success

KEY QUESTIONS

What feedback do you have about the vision and vision elements?
What goals should we set for Denver Moves: Transit?
How will we know if we have accomplished these goals?

TOPICS

- Draft Goals & Objectives
- Decision-Making & Evaluation Tools
- Evaluation Framework: Setting Priorities

KEY QUESTIONS

What questions do you have about the Blueprint scenarios?
How should transit be incorporated into these scenarios?
Do you have feedback on our evaluation and prioritization approach?

TOPICS

- Preliminary Blueprint Scenarios
- Adding Transit to the Mix
- Approach to Prioritizing Corridors

KEY QUESTIONS

How do the transit priority corridors align with your expectations?
Are there additional or replacement corridors that should be considered?
What should be included in a “complete corridor”?

TOPICS

- Potential Transit Priority Corridors
- Exploring the Analysis
- Creating Complete Corridors

KEY QUESTIONS

What are your community’s top priorities for improving transit access?
Where are multimodal hubs needed? What should they include?
What policies and programs can support transit in Denver?

TOPICS

- Improving Access & Connections
- Identifying Multimodal Hubs
- Policy & Program Toolbox

KEY QUESTIONS

What feedback do you have about funding options that should be considered?
How should trade-offs be made to support implementation?
How can we best engage the public in reviewing the draft plan?

TOPICS

- Draft Denver Moves: Transit Plan
- Bringing it all Together
- Next Steps

KEY QUESTIONS

What feedback do you have on the draft plan?
What will you do to encourage others to provide feedback on the plan?
How can you support implementation of the plan?
Questions?
3. Completing the System: Transit Access and Connections

• Introduction to Vision Zero Action Plan
• Pedestrians and Trails progress report
• Overview of transit-friendly streets and key access and connections to transit
Denver’s Vision Zero Plan
Denver Moves:
Pedestrians and Trails
Transit-Friendly Streets Guide

• Part of draft plan release
• Table of contents:
  – Make Transit Fast & Reliable
  – Support Access to Transit
  – Build Comfortable, Safe Transit Stops & Stations
  – Support Transit with Programs & Policies
  – Foster a Sense of Place
Stop & Corridor Toolkits

EXAMPLE GRAPHIC

BUS STOP

AMENITIES
A. Lighting*

SHELTERS AND SEATING
B. Shelter*
C. Bench or seat on sign post*

INFORMATION AND FARE TECHNOLOGY
D. Printed schedule information on sign post
E. On-board fare payment

ACCESS
F. Well-marked pedestrian crossings
G. Bike parking*

* Level of amenity based on ridership thresholds and/or space availability
Make Transit Fast & Reliable

- Dedicated transit lanes
- Running way (center/side)
- Grade separation
- Queue jumps
- Signal priority
- Stop spacing/consolidation
Support Access to Transit

• Wayfinding
• Bike access
• Pedestrian access

• Carshare integration
• Pick-up/drop-off
• Mobility hubs
Connected Networks

What are they?
• High-quality, buffered, ADA-compliant sidewalks and trails

Why are they important?
• Help pedestrians access transit
• Improve access for all

Examples of elements:
• Landscape buffers
• Universal design
• Wayfinding
Mobility Hubs

What are they?
- Major transit stations and the surrounding area
- Places where mobility and placemaking come together to support multimodal trips

Why are they important?
- Maximize first/last mile connections
- Seamlessly integrate modes
Comfortable, Safe Stops & Stations

- Stop and station location
- Wayfinding
- Landscaping, trees, art
- Passenger information
- Shelter design
- Safety and security
Passenger Information

What is it?
• Includes route schedules, system maps, real-time information

Why is it important?
• Informs decision making
• Improves transit experience

Where can it be implemented:
• Stops, stations, transit vehicles, websites, apps, phone
Wayfinding

What is it?
• Directs people to transit and nearby destinations

Why is it important?
• Builds awareness of transit
• Improves connections

Key elements:
• Visible to all
• Static or dynamic
• Recognizable brand
Support with Programs & Policies

• Improvements to access and connections must be matched with programs and policies, such as TDM, modal priority, targeted marking, and curb management
Foster a Sense of Place

- Transit-supportive land uses
- Street networks and complete streets
- Plazas and parklets
- Blueprint place types and “Complete Neighborhoods”
People-First Places

What are they?
• Gathering places with furnishings, landscaping, activation, and art

Why are they important?
• Creates sense of community
• Provides attractive, comfortable space for transit riders

Examples:
• Parklets and plazas
• Temporary installations
Questions?
4. Short Break (not 1 hour)

*Note: do not overfill brain. Allow one hour for knowledge to soak in before topping up.
5. Small Group Activity and Discussion: Designing Transit Stops and Stations

• Activity overview, objectives, materials
• Design your stop or station
• Discuss results
Objectives

• Explore improvements and amenities that support safe, comfortable, and welcoming transit stops and stations

• Collaborate with your group to identify the most important improvements for your stop or station
Materials

• **Game pieces:** 4 of each improvement, 100 total

• **Game board:** urban or suburban context

• **Instructions:** list of improvements and cost calculation table
Your Task

1. Identify the issues and opportunities of your land use context related to the improvements
2. Without considering cost, build your ideal station
3. Record the total price tag and take a picture
4. Celebrate your success
5. But wait...funding has been slashed
6. Prioritize which investments are most important
7. Report back
Small Group Report Out
6. Next Steps

• Next Task Force participation opportunity: Spread the word about winter outreach

• Task Force Meeting #9: December 7

• Task Force Meeting #10: February 1, 2018
7. Questions and Comments

www.denvergov.org/denveright