

Southeast Denver Mobility Hubs Draft Plan

All Station Stakeholder Meeting

August 18th, 2021



SOUTHEAST MOBILITY HUBS 2021 DRAFT PLAN



Project Team



Stuart Anderson
Transportation Solutions,
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Land Use Lead



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EPS
Market Analysis Lead



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Apex Design



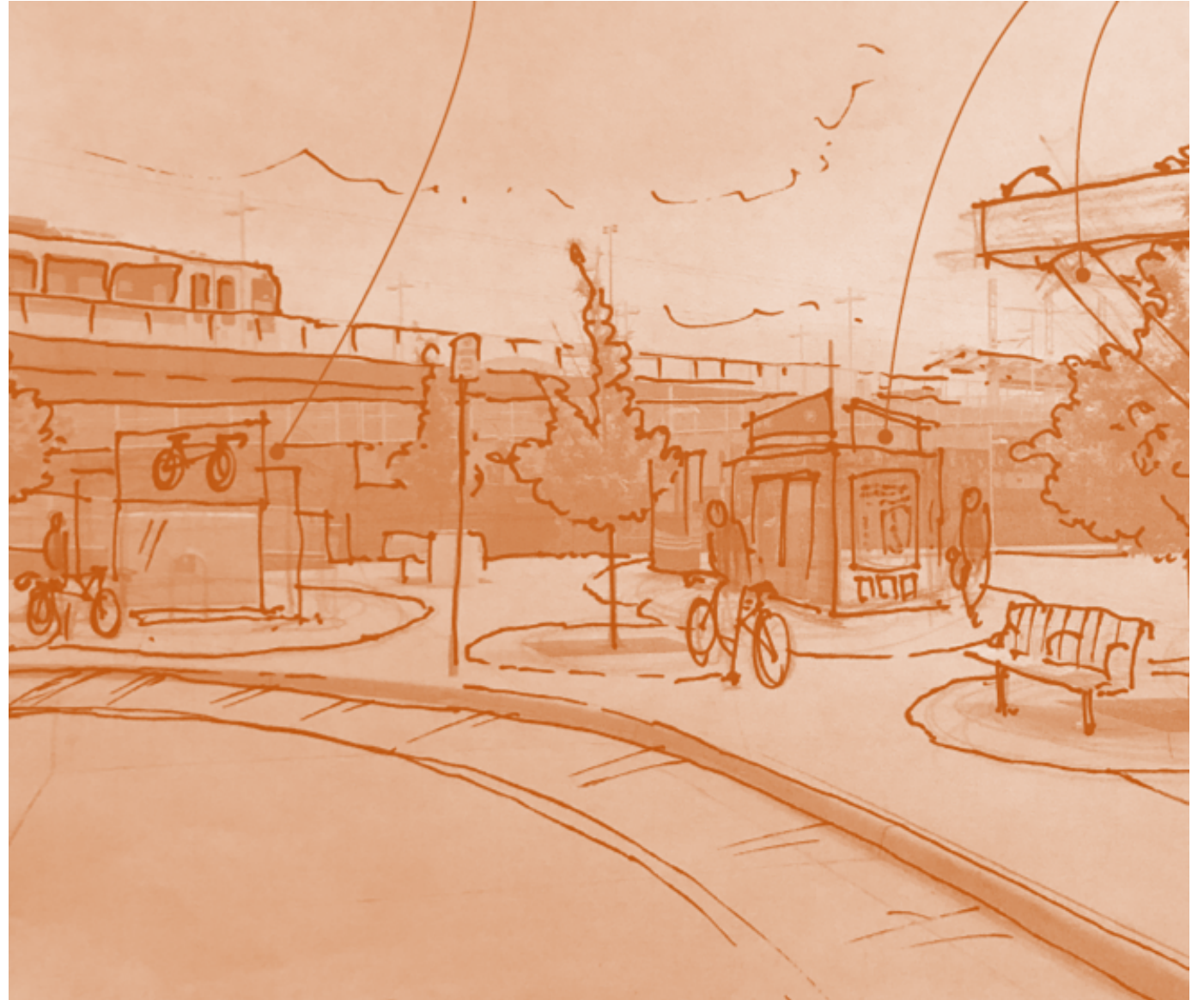
Carly Sieff
Fehr & Peers

Other Project Team Members

- Kendra Black, Councilwomen, District 4
- Kathy Gile, Council Aide, District 4
- Daniel Hutton, Denver South TMA
- Chris Nevitt, City & County of Denver
- Ashlee Grace, City & County of Denver
- Chessy Brady, RTD
- Allison Redmon, DRCOG
- Phoebe Fooks, Apex Design
- Jason Miller, Fehr and Peers
- Mackinzi Taylor, MIG

Agenda

1. Team introductions
2. Study purpose
3. Planning process
4. Key recommendations
5. Q&A breakout rooms



Air Quality

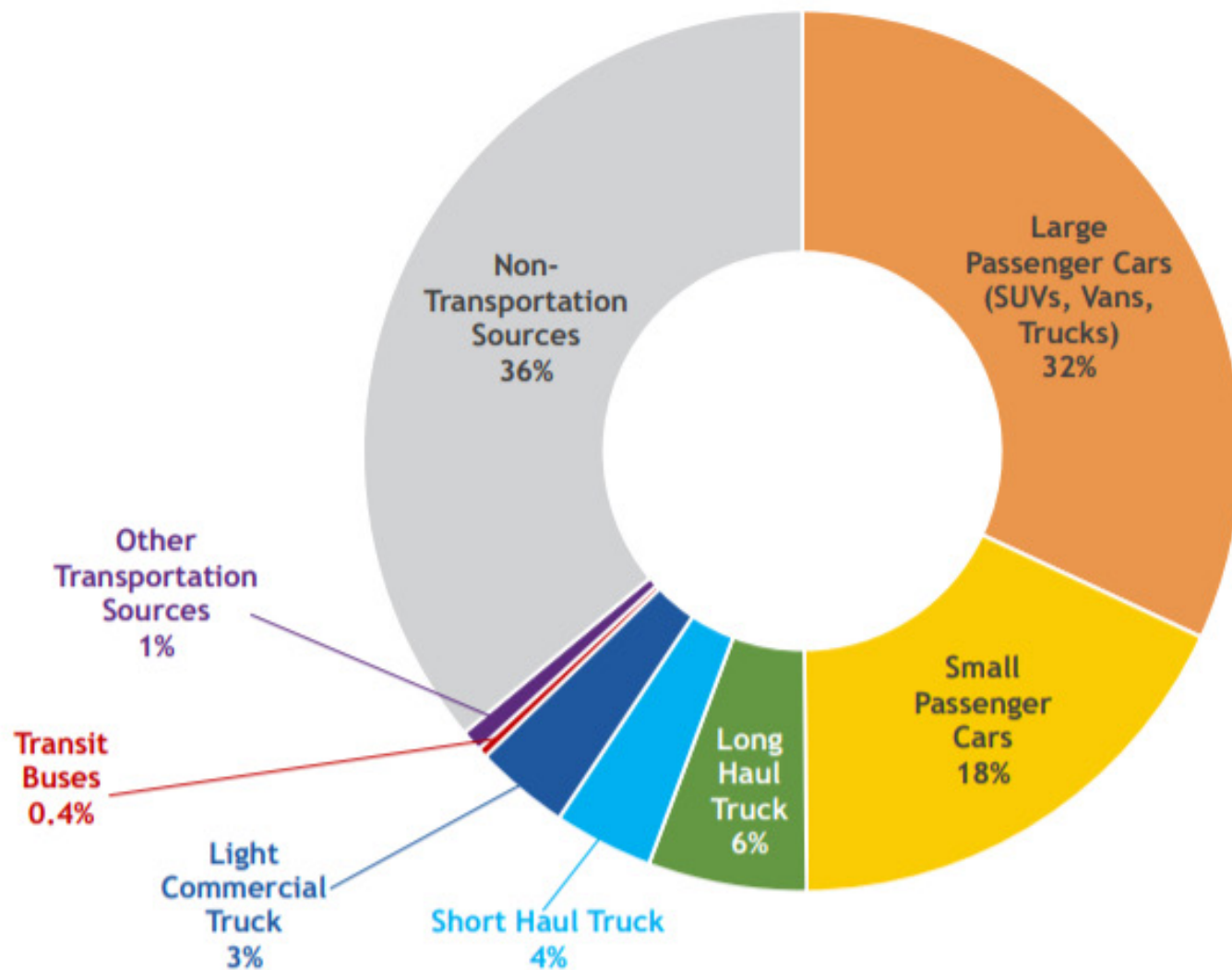
“Denver residents have been inhaling hazardous air pollution at elevated levels on more than 260 days a year for the past two years” – Bruce Finely, The Denver Post



TRANSPORTATION SECTOR EMISSIONS



In the Metro Denver Region, the **majority of GHG Emissions (64%)** are from the **transportation sector**. Emissions from transit buses account for 0.4% of GHG emissions, while passenger cars account for 50% of GHG emissions.



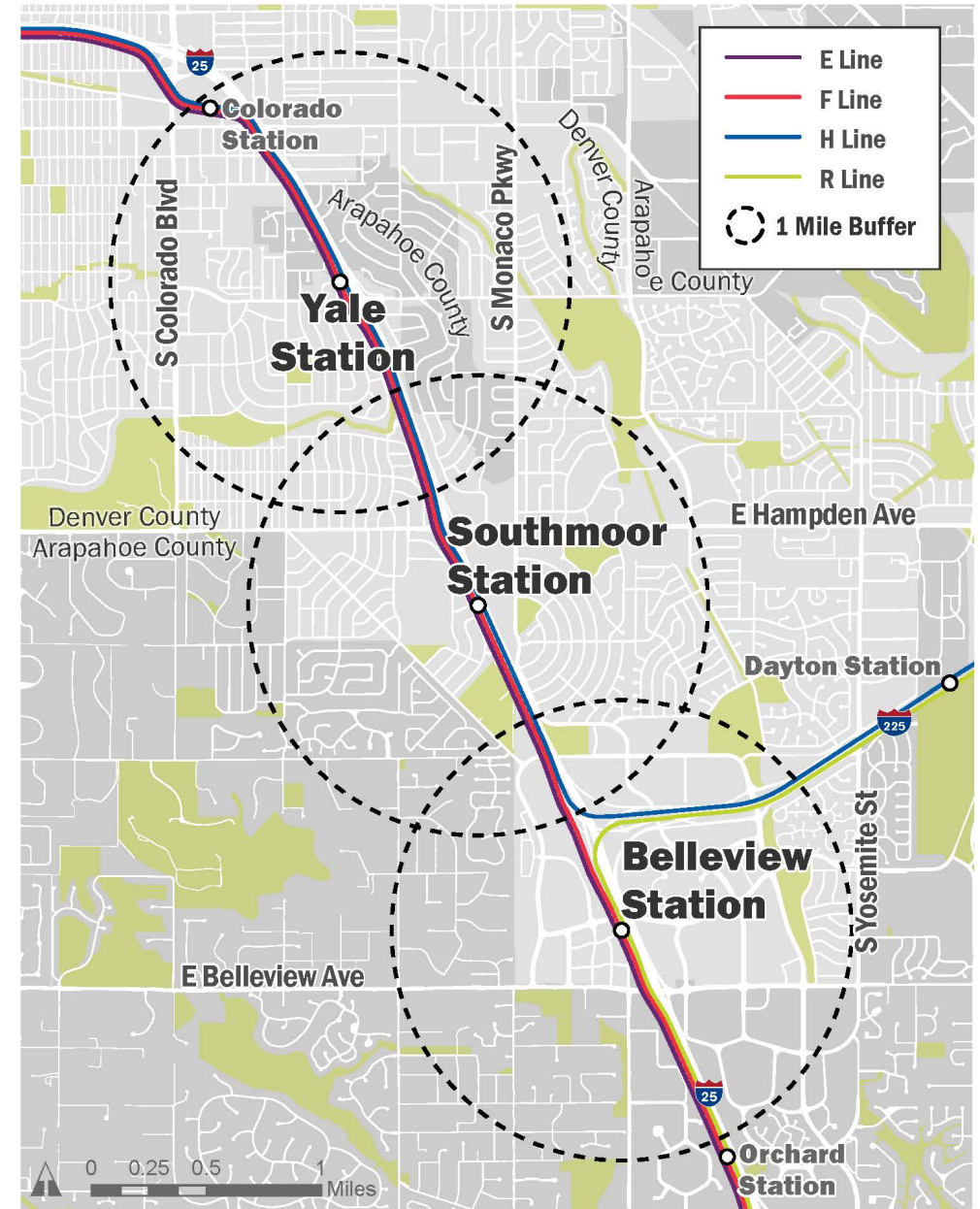
Source: EPA 2017 National Emissions Inventory (7-County)

Note: The EPA National Emissions Inventory is updated every three years. The most recent data available is from 2017.

Project Purpose

- Build upon recent and current planning initiatives and set the path forward for the transformation of these three stations.
- This plan is the result of a collaborative planning process that sought to bring together various stakeholder and community voices to transform obstacles into opportunities.

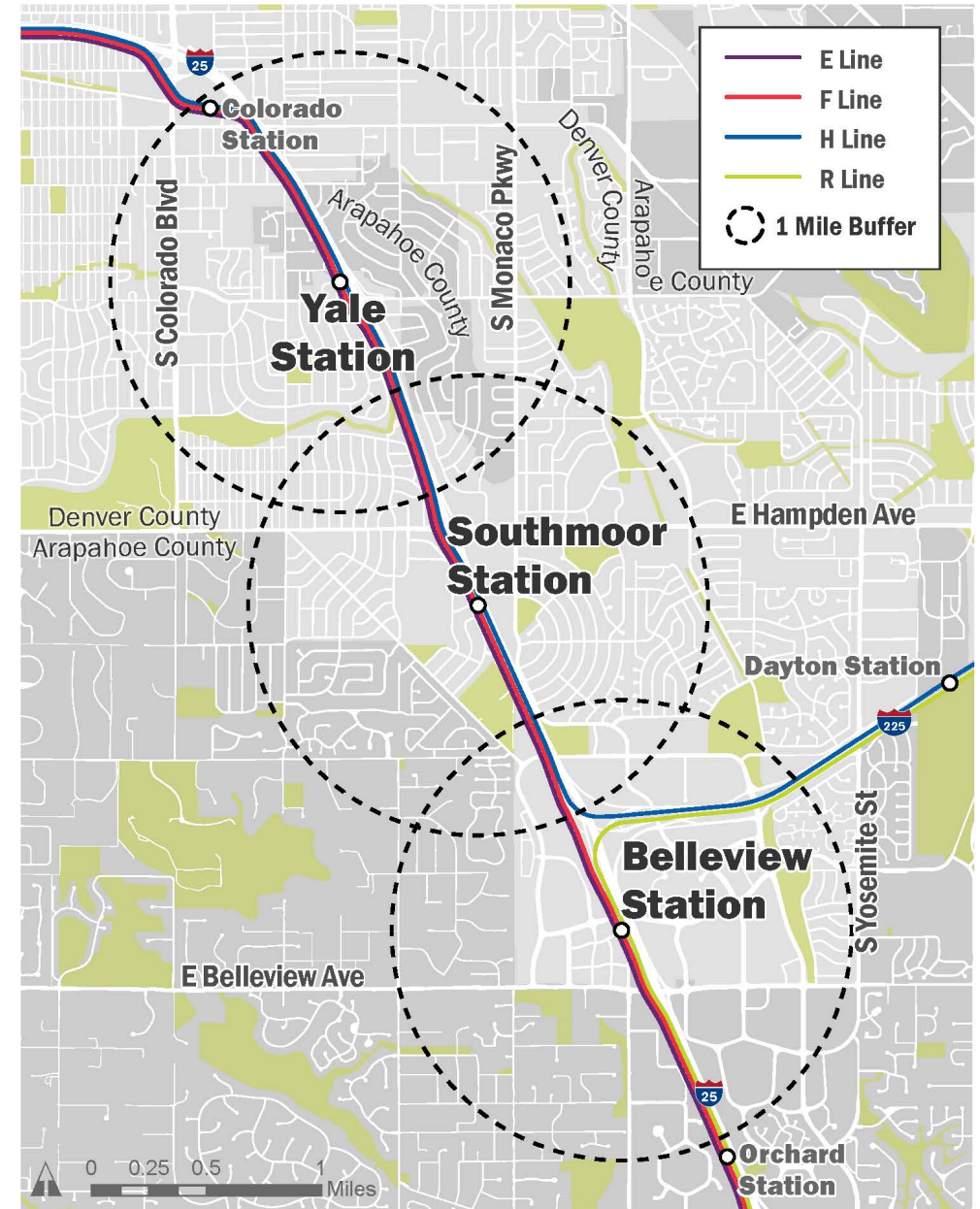
Southeast Mobility Hubs Context Map



Project Study Area

- Study area includes Stations and surrounding communities within a one-mile buffer
- Primarily in Denver, but includes parts of Arapahoe County, Greenwood Village, and Cherry Hills Village

Southeast Mobility Hubs Context Map



Project Principals



Community Participation



October 27

**Virtual meeting
with stakeholders**



Oct 27 - Nov 8

**Stakeholder
field visits**



November 10

**Virtual community
meeting**



Nov 10 - Dec 9

**Online survey and
input map**

- 565 unique users visited the site
- 38 people attended the virtual community meeting
- 151 comments were added to the input map
- 28 survey responses were received

Stakeholder Representation

Local Agencies & Government Organizations

Regional Transportation District (RTD)
Denver Regional Council of Governments (DRCOG)
Arapahoe County Public Works and Development
Cherry Hills Village
City of Greenwood Village
Colorado Department of Transportation (CDOT)
Denver Fire Department
Mayor's Bicycle Advisory Committee (MBAC)
Mayor's Pedestrian Advisory Committee (MPAC)

Non-Profits

Bicycle Colorado
Denver Streets Partnership
Highline Canal Conservancy

RNOs & HOAs

Penterra Plaza
Southmoor Park East Homeowners Association
Southside Unified
University Hills Neighborhood Association
University Hills North Community

Local Community Centers

Grace United Methodist Church
Ross Hills Library

Metro Districts

Belleview Station Metro District
Goldsmith Metro District

Developers

EastWest Partners
Kentro Group
Lincoln Property Company
Mile High Development
Stonebridge Companies

Residents

25 + residents participated in the three stakeholder working groups

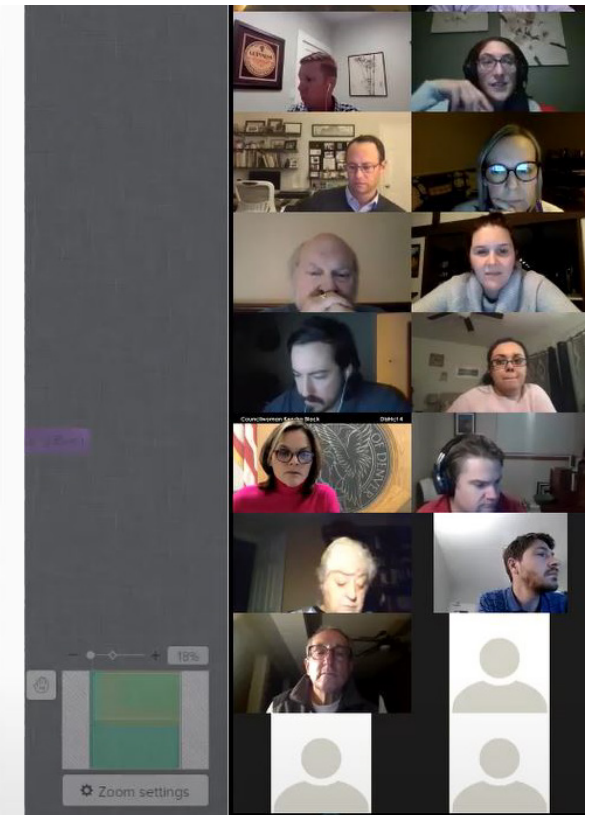
Community Participation

- Virtual Stakeholder Working Group Meetings

Locations would you like to see mobility services that connect to Southmoor Station?

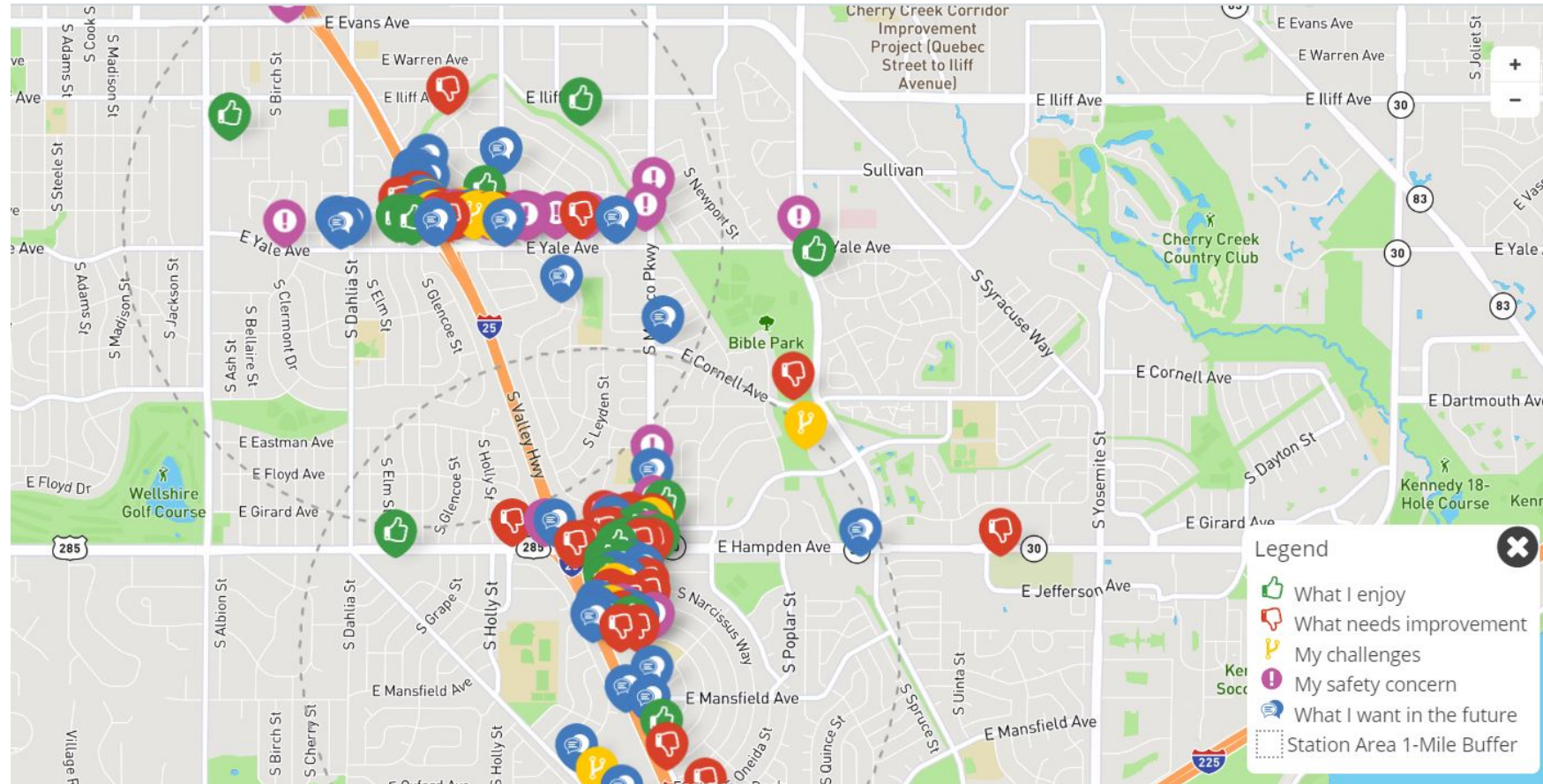


Where and how would you like to access Southmoor Station?

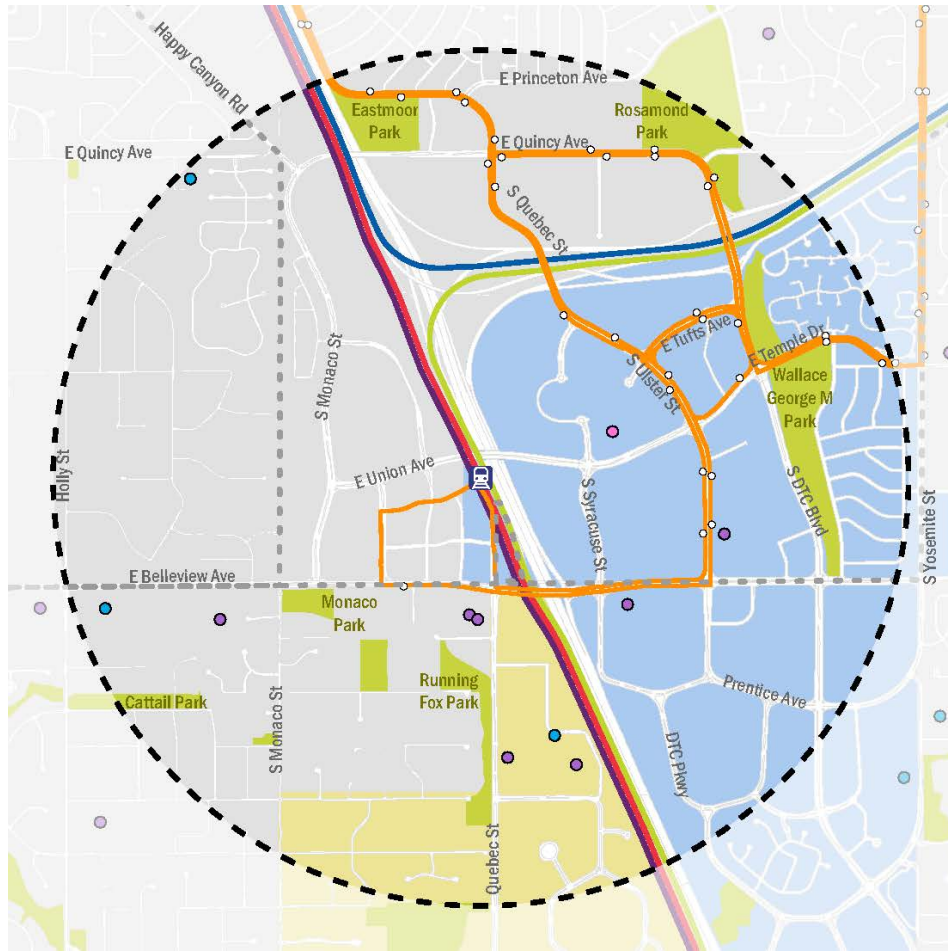


Community Participation

- Online Input Map



Existing Conditions and Needs Assessment



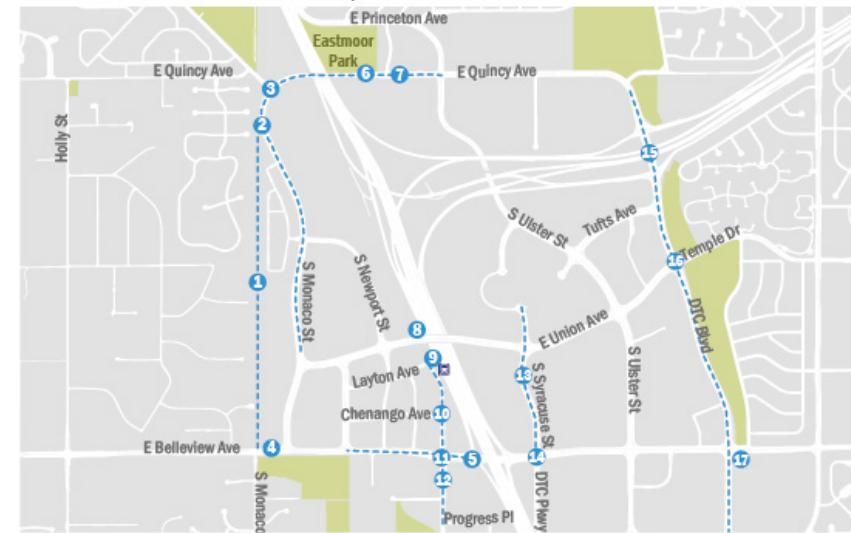
Existing Conditions

Needs Assessment

The needs assessment is a summary of mobility gaps and barriers in the Belleview Station study area. These challenges and opportunities were identified during the existing conditions assessment and public outreach process.



Belleview Station Needs Assessment Map



Needs Assessment

Recommendations

Programs/ Policies



Actions or activities that aim to support increased mobility options in the long term.

Amenities



Features that will be useful to transit riders at the stations or in the immediate vicinities.

Safety



Multimodal improvements intended to minimize crash risk along routes leading to the stations.

Network Connectivity



Creation of new access points or completion of existing routes to the stations.

Land Use



Proposed strategies to achieve desired land use outcomes given existing constraints.

Recommendations - TDM

Recommended TDM Programs/Policies for All Stations

Category

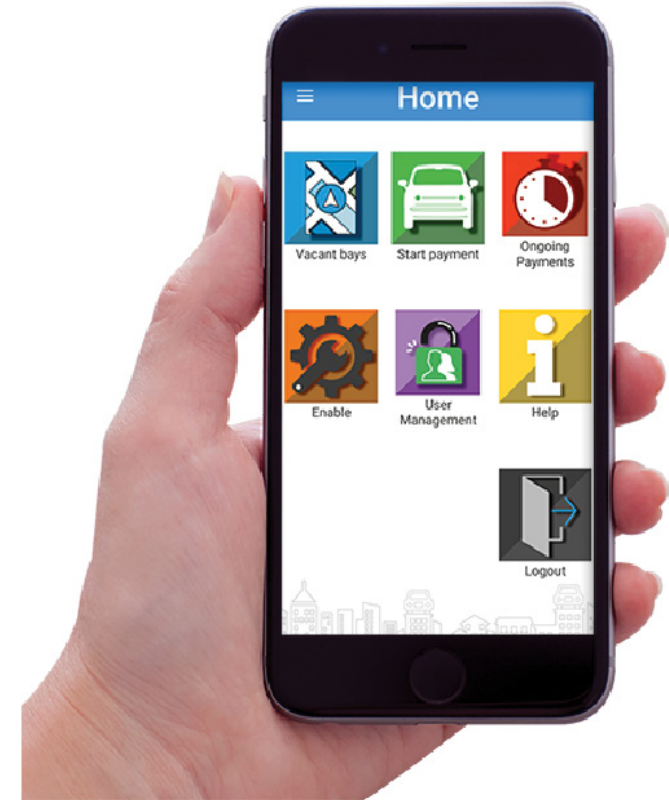
1	Flexible employee work programs	
2	Station re-launch event & marketing	
3	District-wide parking management	
4	Parking structure redevelopment	
5	Development regulations overview	
6	Overlay zone	
7	Carpool only parking	
8	eBike program	
9	Micromobility district	

Recommendations - TDM



Programs & Policies

- Flexible Employee Work Programs
- Station Re-Launch Event & Marketing
- District-Wide Parking Management
- Evaluation Parking Structures for Redevelopment
- Review Development Regulations
- Consider the Creation of an Overlay Zone



Recommendations - TDM

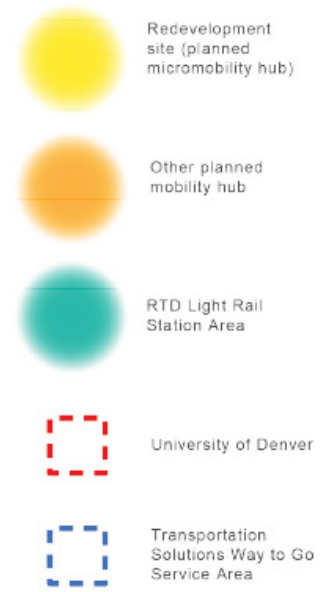
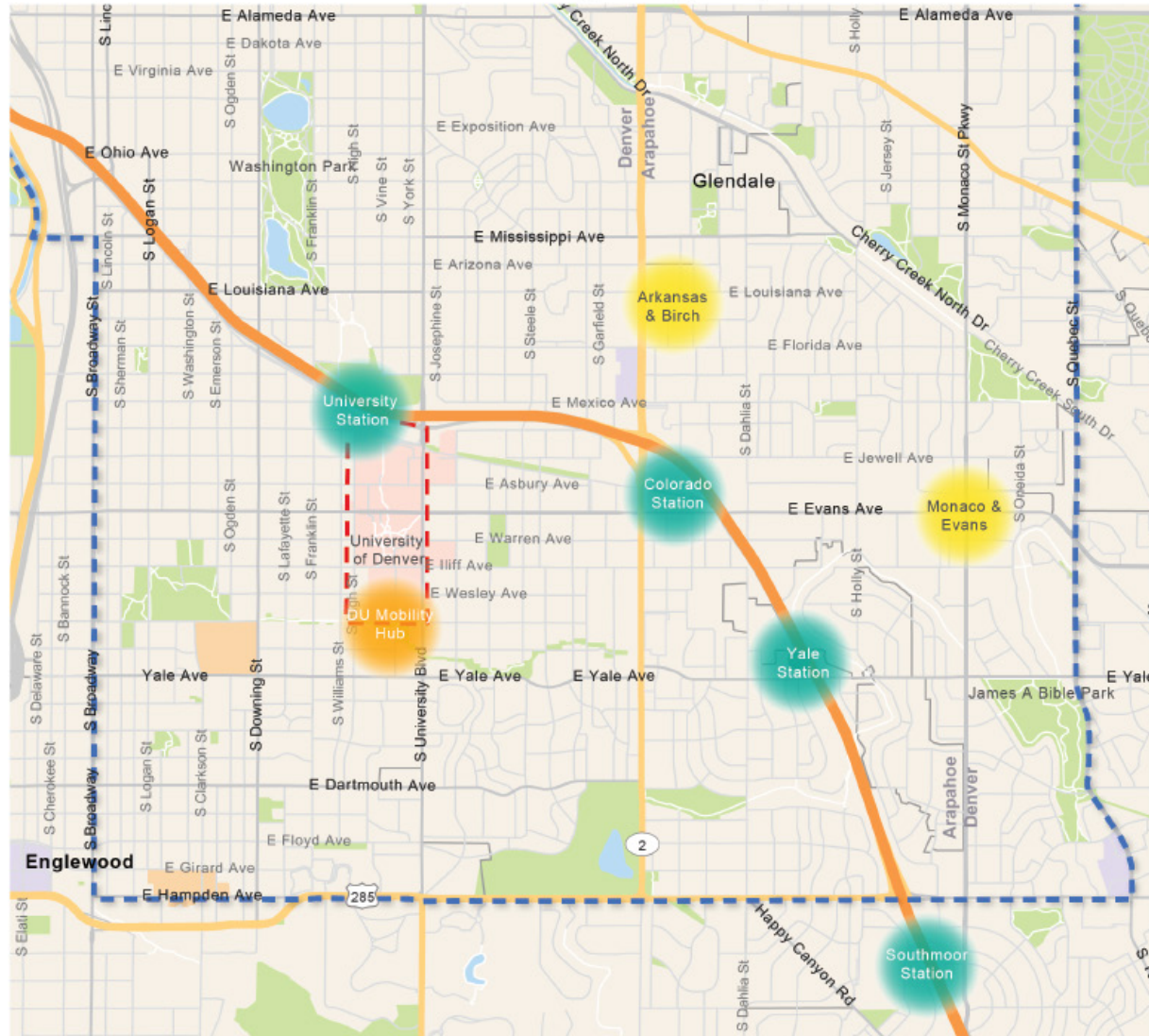


Programs & Policies

- Carpool Only Parking
- Can Do Colorado eBike Program
- Micromobility District



Transportation Solutions Micromobility Study Map



Recommendations – All Station Amenities

Recommended Amenities for All Stations

Category

1 Weather/noise shelters



2 Secure bike parking



3 Electric vehicle charging



4 Public information displays



5 Unique branded bus stops



Recommendations – All Stations



Weather/Noise Shelter



Secure Bike Parking



EV Charging Stations



















Recommendations – Yale Station



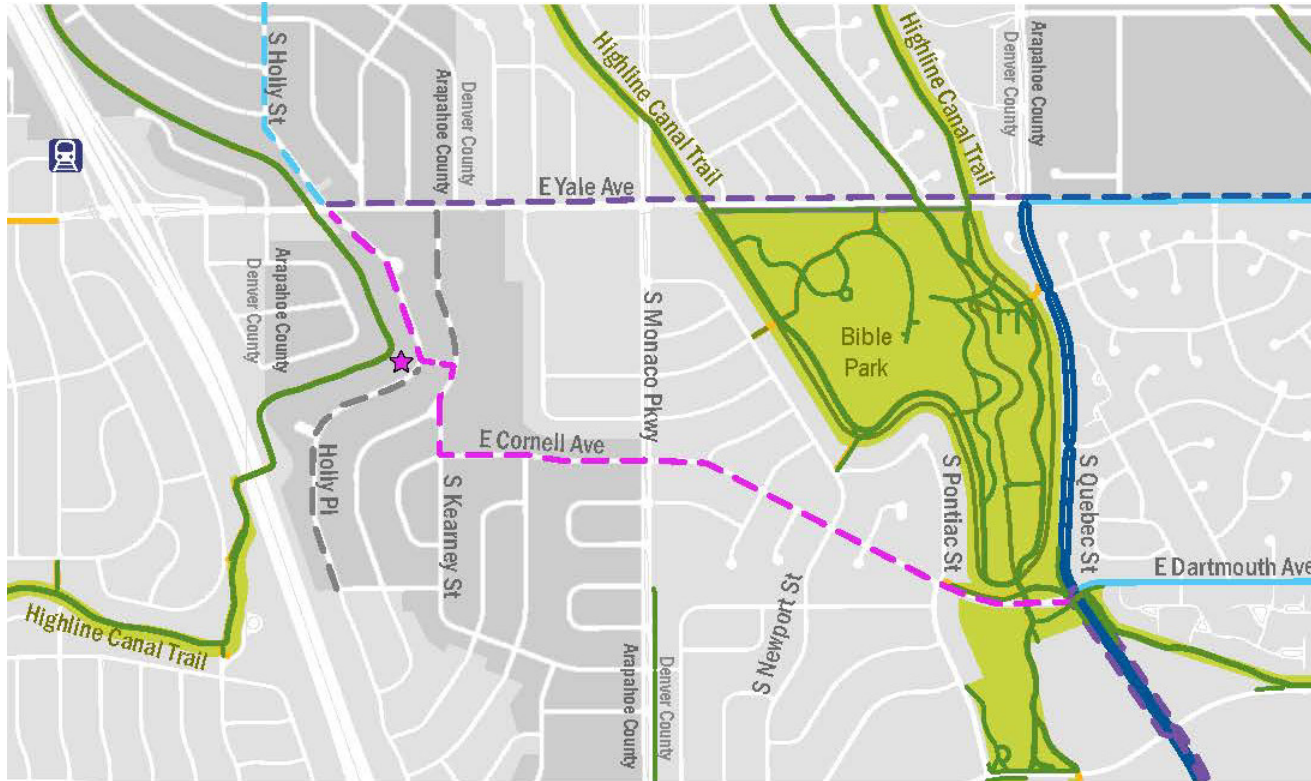
Recommendations – Yale Station

Yale Station Recommendations

Category

- | | | |
|----|--|---|
| 1 | Improve and widen sidewalks along Yale Avenue |   |
| 2 | Complete missing sidewalk segment on Yale Circle |   |
| 3 | Establish a formal pedestrian crossing across bus loop |   |
| 4 | Repurpose street parking on Yale Circle for formal kiss-n-ride |   |
| 5 | Install elevators to access the station platform |  |
| 6 | Improve safety and vehicle stop compliance at I-25 interchange |  |
| 7 | Construct stairs and ADA accessible sidewalk to and from I-25 Service Road |   |
| 8 | Improve pedestrian comfort along Yale Avenue from I-25 to Holly Street |  |
| 9 | Install a bike facility on Cornell Avenue |   |
| 10 | Establish a microtransit service area |   |
| 11 | Install wayfinding to create clear routes to the Station |  |

Recommendations – Yale Station



LEGEND

-  Light Rail Station
-  Recommended Bike Facility
-  Recommended Trail Connection
- Existing Bike Facilities**
 -  Bike Lane
 -  Buffered Bike Lane
 -  Shared Use Path
 -  Trail
- Planned Bike Facilities**
 -  Bike Lane
 -  Buffered Bike Lane
 -  Protected Bike Lane
 -  Shared Roadway



Cornell Avenue Bicycle Facility

Recommendations – Yale Station

Yale Station Proposed Wayfinding Map



Wayfinding Improvements



Establish Formal Kiss-n-Ride













Recommendations – Southmoor Station



Recommendations – Southmoor Station

Southmoor Station Recommendations

Category

- | | | |
|---|--|---|
| 1 | Improve pedestrian safety and comfort along Hampden Avenue |  |
| 2 | Improve pedestrian crossings on Hampden Avenue at Locust Street |  |
| 3 | Improve pedestrian crossings on Hampden Avenue at Monaco Parkway |  |
| 4 | Activate station access tunnel |   |
| 5 | Improve park-n-ride with dedicated space for people walking and biking |   |
| 6 | Improve Monaco Parkway pedestrian crossings |  |
| 7 | Establish a connector route shuttle and microtransit service area |   |
| 8 | Install wayfinding to create clear routes to the Station |  |
| 9 | Development Strategy |  |

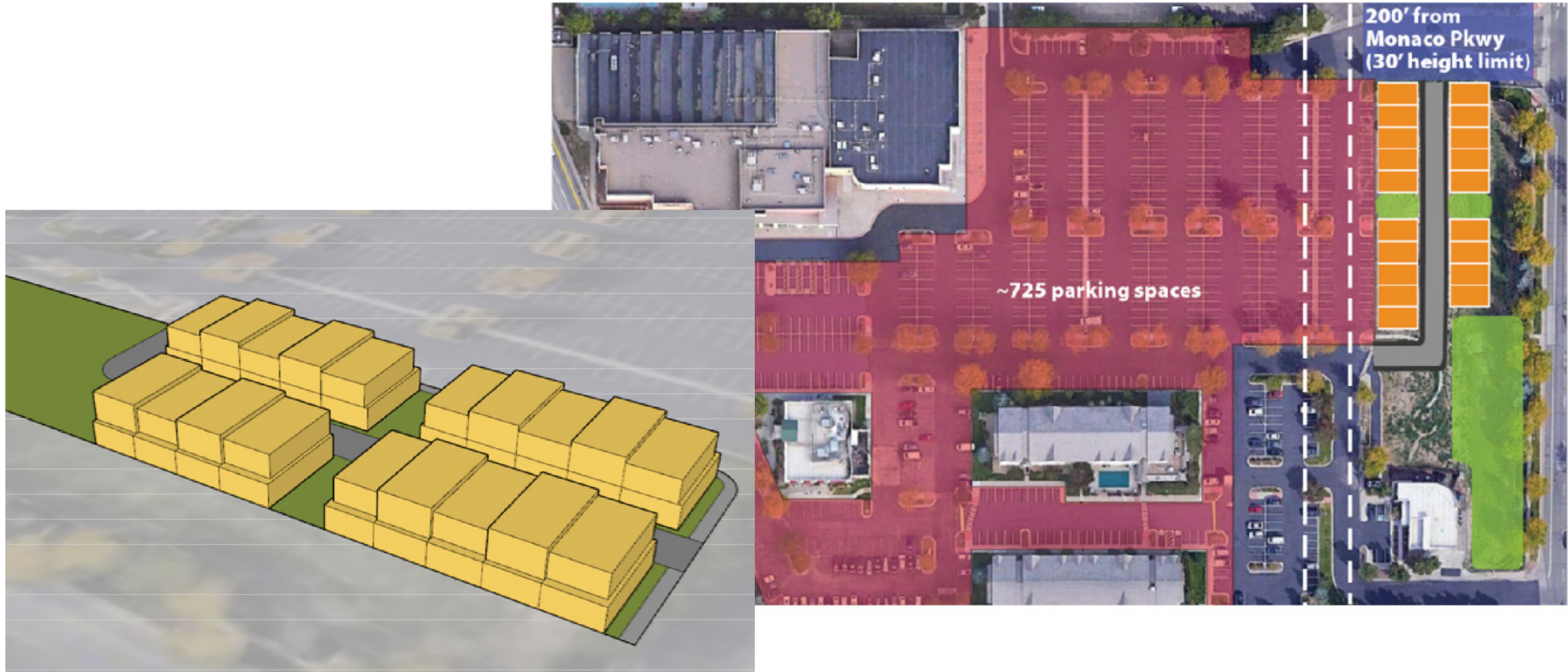
Recommendations – Southmoor Station



Activate Station Access Tunnel

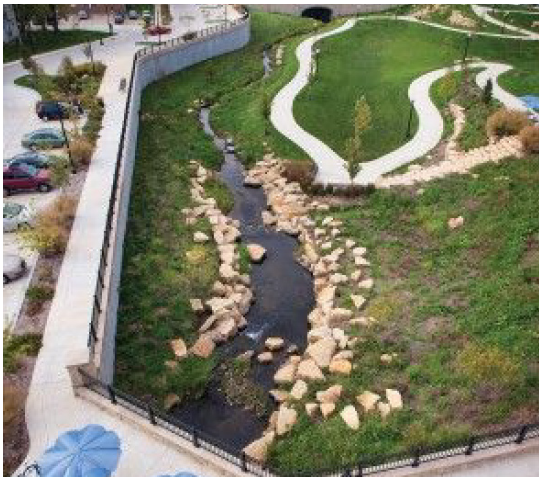
Recommendations – Southmoor Station

Potential Development Plan: Phase 1



Recommendations – Southmoor Station

Potential
Development Plan:
Phase 1



Above: Photo simulation of proposed development
Left: Existing view of the recommended site

Recommendations – Southmoor Station

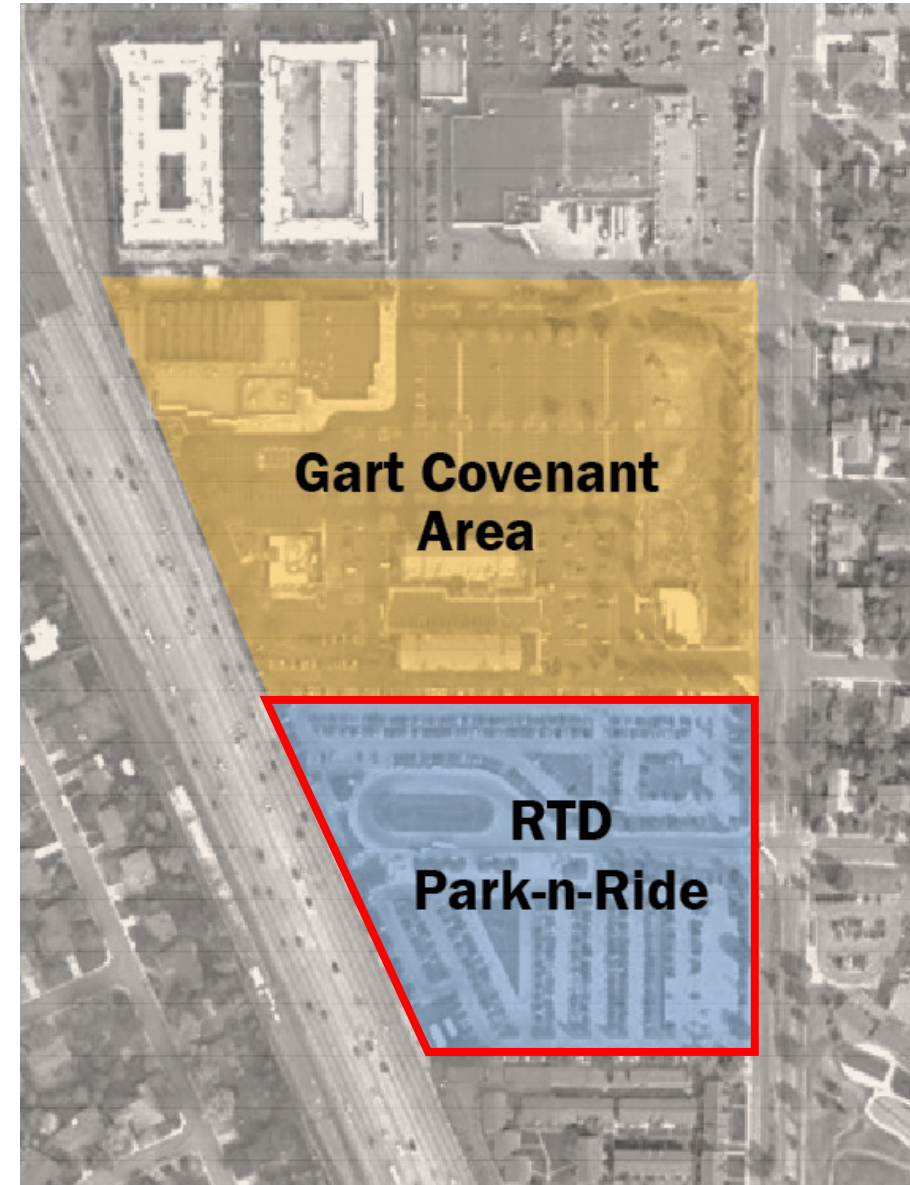
Potential Development Plan: Phase 2

Option A, with 15% parking reduction

- Townhome cluster along Monaco
- 24 townhomes

Option B, with 15% parking reduction

- Multifamily with structured parking and townhome frontage
- 12 townhomes, 107 multifamily unites, 112 parking spaces



Recommendations – Southmoor Station

Potential Development Plan: Phase 2



Option A



Option B









Recommendations – Belleview Station



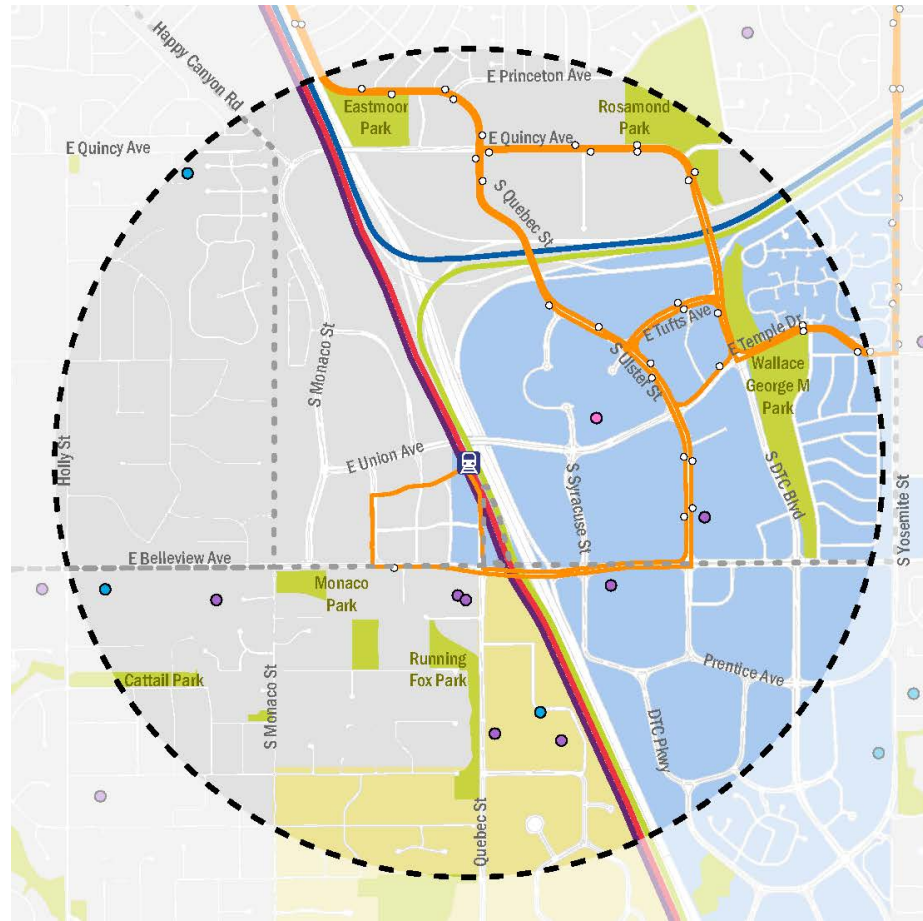
Recommendations – Belleview Station

Belleview Station Recommendations

Category

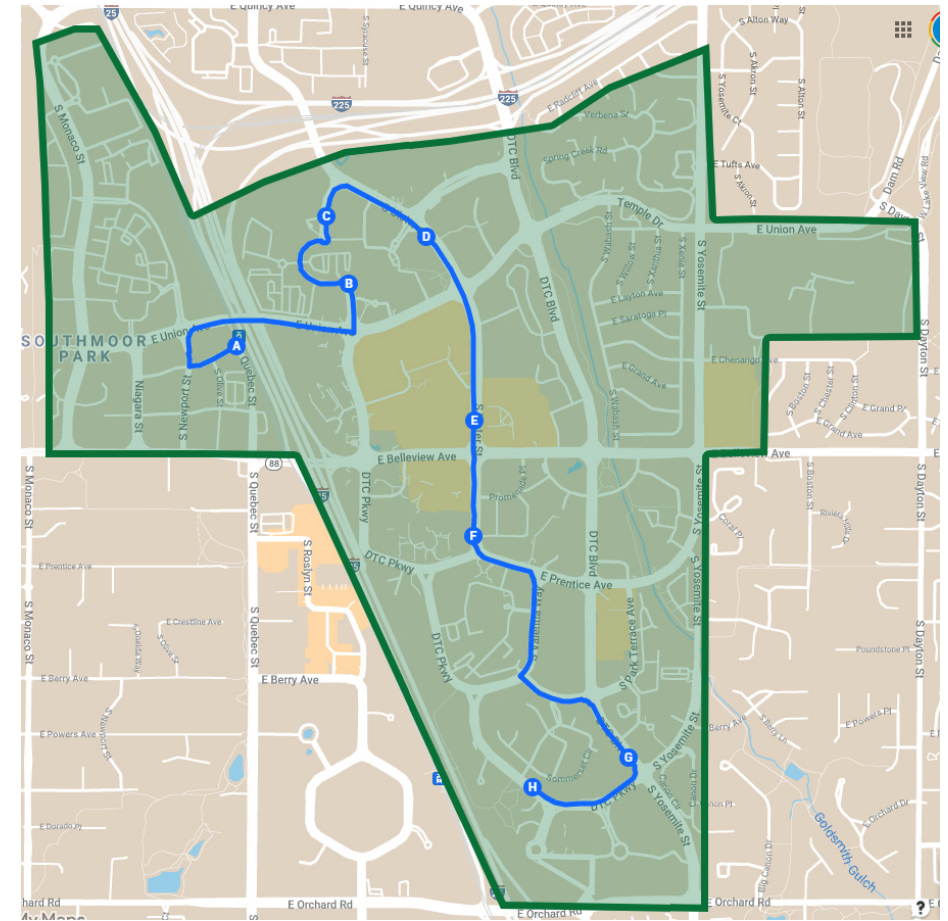
- | | | |
|---|--|---|
| 1 | Evaluate channelized right turn lanes along Belleview Avenue |  |
| 2 | Install a bicycle facility along Monaco Parkway |  |
| 3 | Create connection from the station tunnel through the north property |  |
| 4 | Improve multimodal comfort and safety along Union Avenue |  |
| 5 | Analyze multimodal improvements in the immediate station area |  |
| 6 | Establish a connector route shuttle and microtransit service area |   |
| 7 | Install wayfinding to create clear routes to the Station |  |

Recommendations – Belleview Station



- LEGEND**
- 1 Mile Buffer
 - Jurisdiction Boundary
 - Light Rail Station
 - Bus Stop
 - Local Bus Route
 - Light Rail**
 - E Line
 - F Line
 - H Line
 - FlexRide Service Area**
 - Belleview
 - Orchard
 - Community Resources**
 - School
 - Library
 - Recreation Center
 - Community Center
 - Place of Worship

Existing Transit Service



Enhanced FlexRide Service

Next Steps

- Review of stakeholder feedback
 - Stakeholder feedback survey will close on Tuesday, August 31
- Public meeting to present draft plan
 - Tentatively planned for the week of Sept 13th
- Finalize plan
- Identify funding opportunities
- Implement recommendations



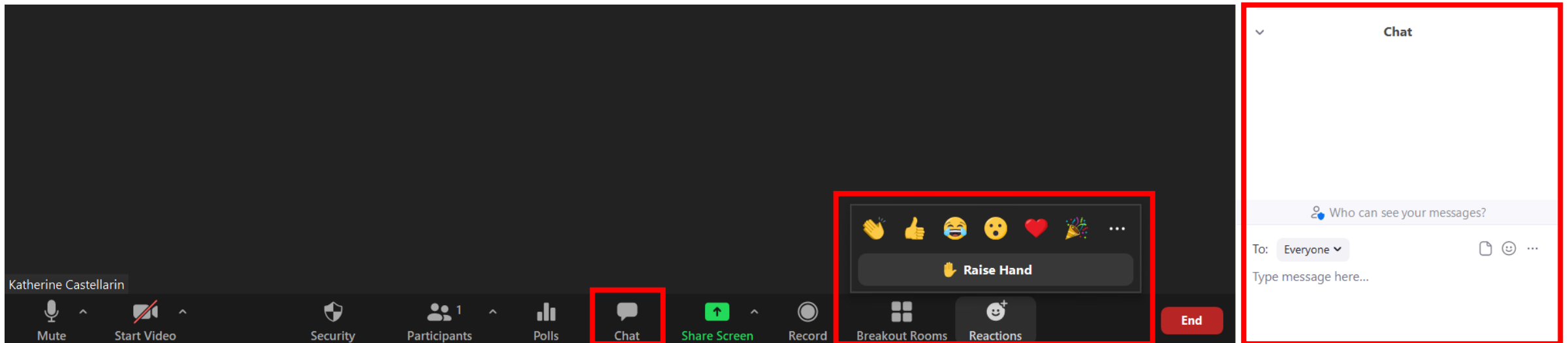
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Breakout Rooms

- Raise your hand if you'd like to speak
- Use the chat to add comments or ask questions (this is an easy way for us to document feedback!)
- Allow others to speak up if you have already had the chance to speak
- If you have detailed comments or you don't have the opportunity to speak, please use the survey to provide your input.



Choose a Breakout Room

YALE STATION



SOUTHMOOR STATION



BELLEVUE STATION

