

# SOUTH BROADWAY CORRIDOR BRT STUDY



Master of Urban  
and Regional Planning  
COLLEGE OF ARCHITECTURE AND PLANNING  
UNIVERSITY OF COLORADO **DENVER**

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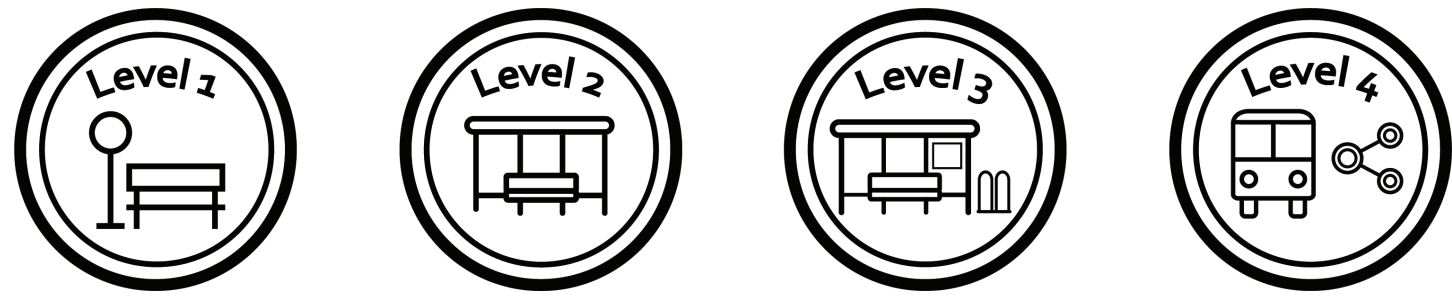
**Client:**  
City of Littleton

## PROJECT CONTEXT:

RTD has identified South Broadway as a future bus rapid transit (BRT) corridor, with the transit line starting south of the City of Littleton in Highlands Ranch and running north into downtown Denver. Developing dense living and commercial opportunities around rapid transit lines is crucial for getting people on transit, bettering air quality and reducing vehicle miles traveled. This is a major opportunity for the City of Littleton to enjoy the economic and social benefits of Transit Oriented Development (TOD) and look to the future of land use around station areas to be a catalyst for transit ridership. Along with this, the City of Littleton is also interested in understanding what kind of transit amenity improvements need to be made for BRT to be successful along the South Broadway Corridor.

## BUS STOP TYPOLOGIES

## South Broadway Corridor



## LEVEL 1



- 1 Sign
- 2 Bench
- 3 Trash/Recycle
- 4 Lighting

### LEVEL 3



- 1 Sign      3 Trash/Recycle      5 Shelter      7 Dockless Scooter Parking  
2 Bench      4 Lighting      6 Bike Rack      8 Schedule

## LEVEL 2

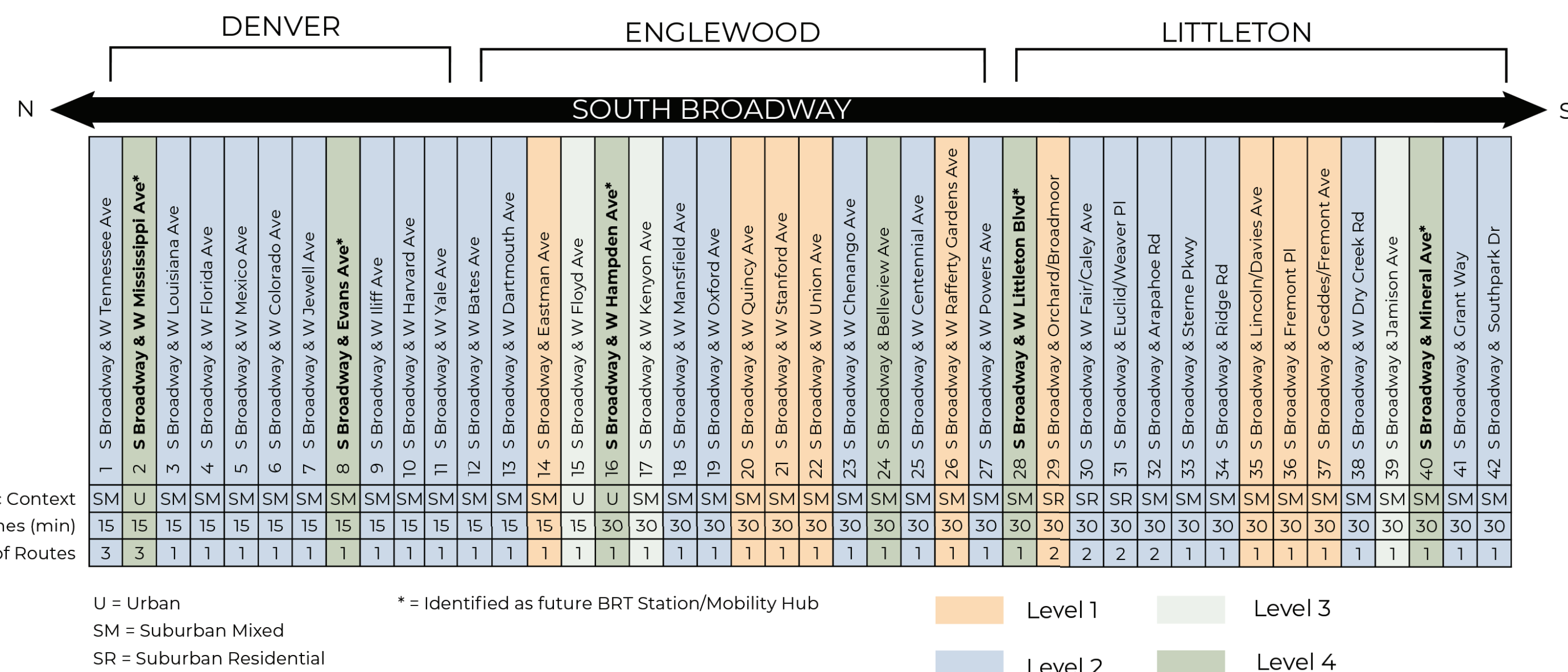


- 1 Sign
- 2 Bench
- 3 Trash/Recycle
- 4 Lighting
- 5 Shelter

## LEVEL 4



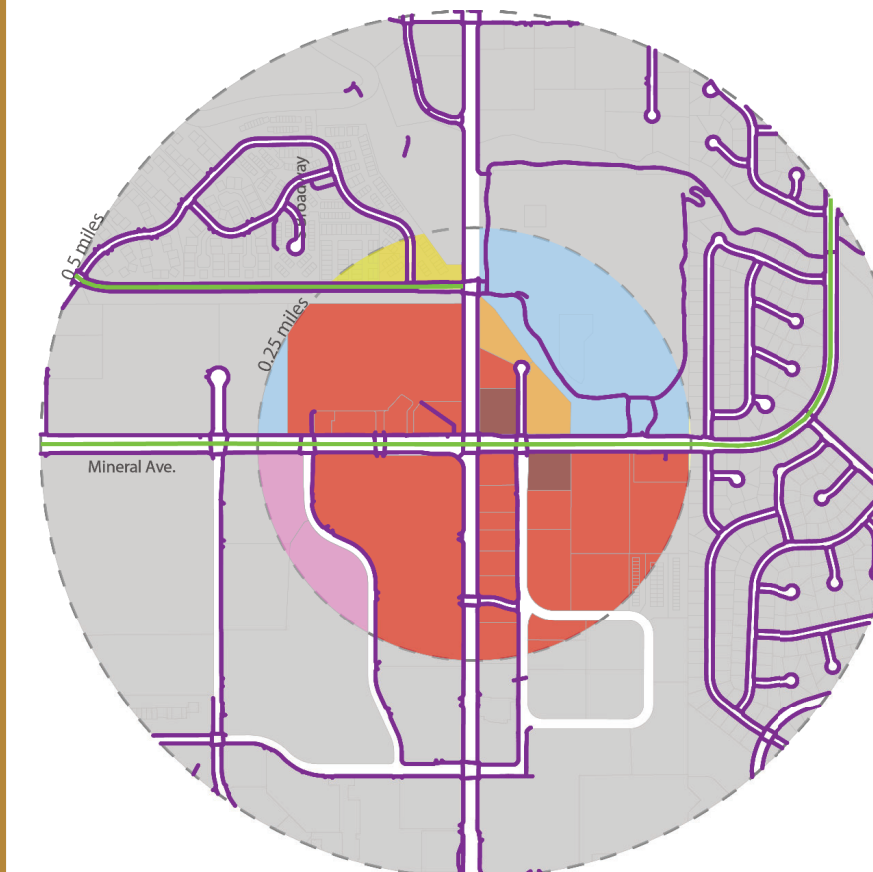
- 1 Sign      3 Trash/Recycle      5 Shelter      7 Dockless Scooter Parking      9 Real-time Information  
2 Bench      4 Lighting      6 Bike Rack      8 Schedule      10 Ticket Vending



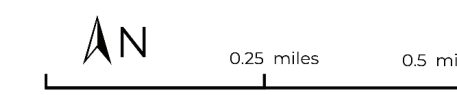
## STATION AREA PLANS

## Mineral Avenue and Littleton Boulevard

## Mineral Avenue Station Area



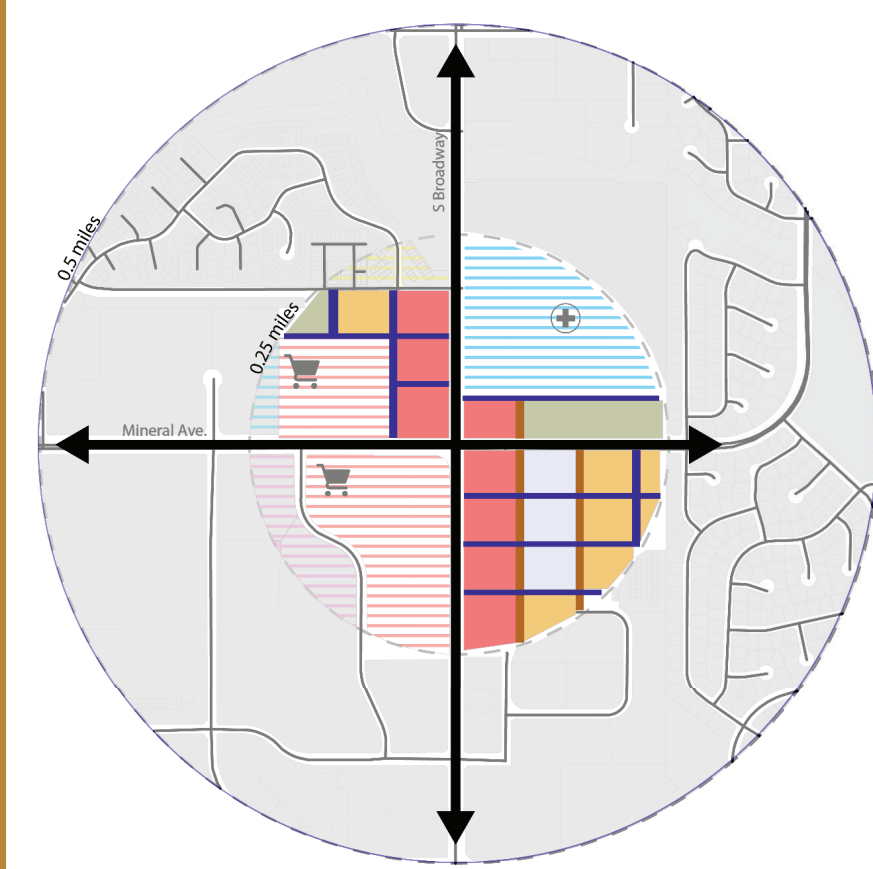
### Mineral Ave Pedestrian & Cycling Conditions



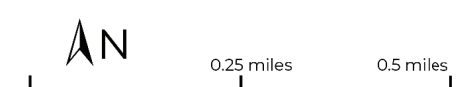
**Mineral Ave**  
*Proposed Land Use*



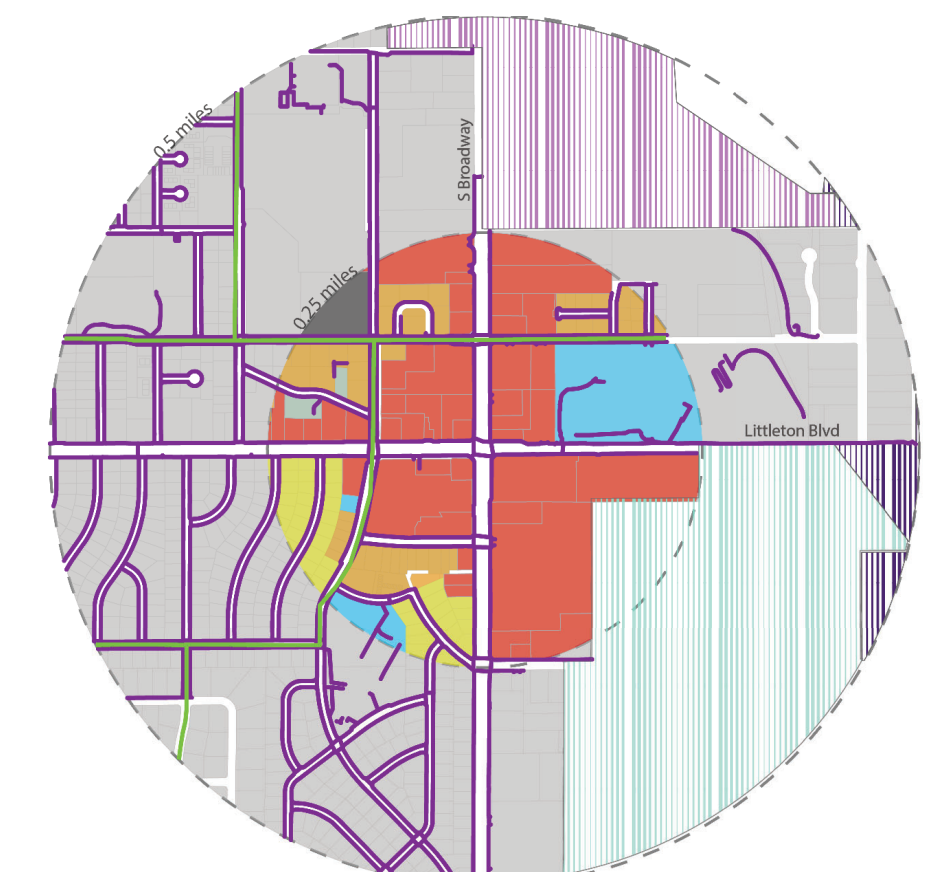
Mineral Ave Station Area Building Sq. Ft. Gained			
Land Use	Stories Allowed	Fewest Gained Sq. Ft.	Most Gained Sq. Ft.
Urban Commercial	1-3 stories	692,000 sq. ft.	2,075,000 sq. ft.
Multi-Family Residential	3-8 stories	1,090,000 sq. ft.	2,915,000 sq. ft.
Corridor Mixed Use	2-6 stories	700,000 sq. ft.	2,100,000 sq. ft.
Park			250,000 sq. ft.



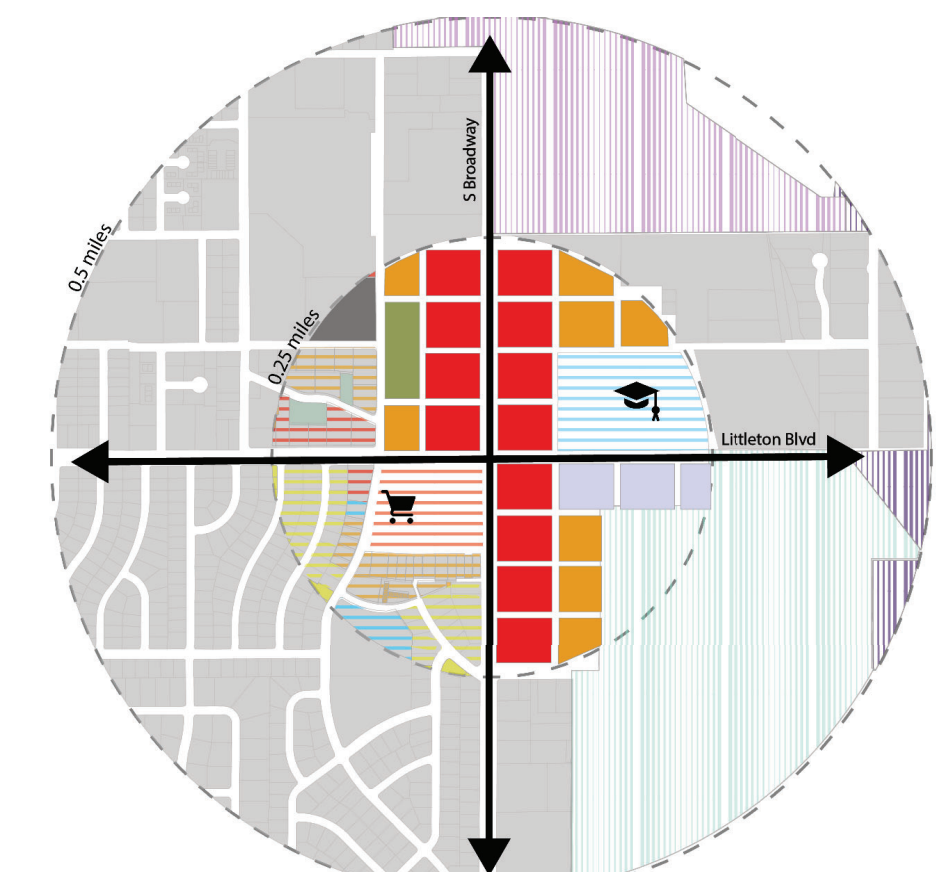
**Mineral Ave**  
*Proposed Mobility*



## Littleton Boulevard Station Area



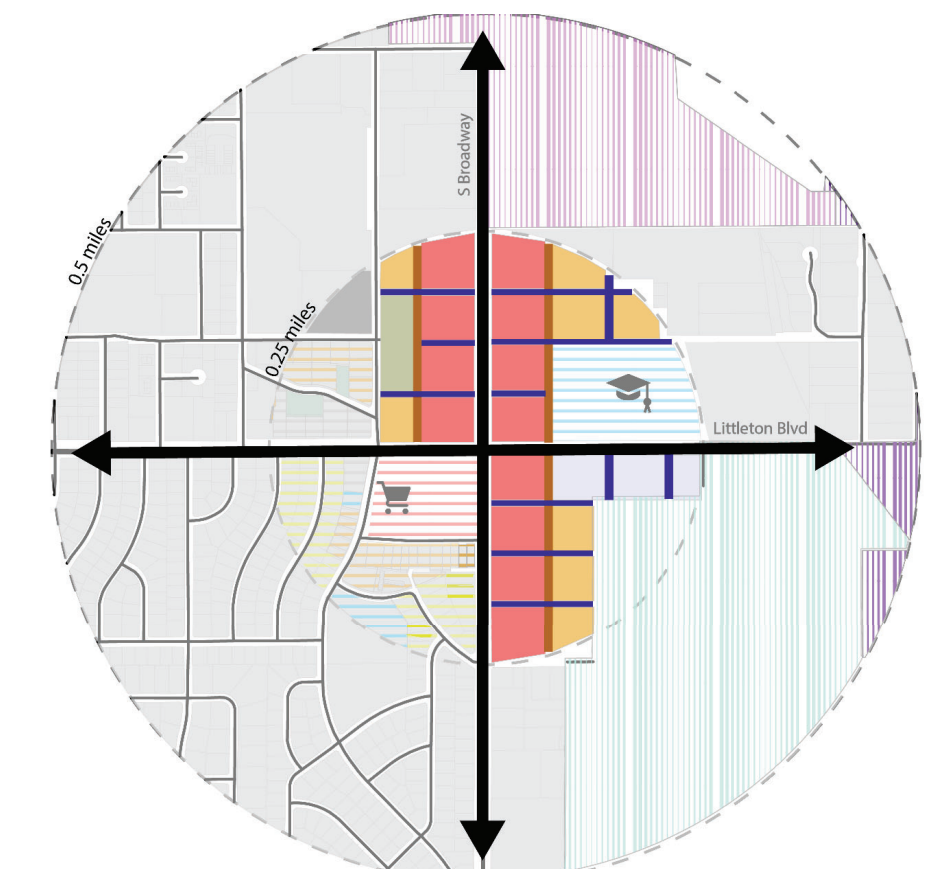
### Littleton Blvd Pedestrian & Cycling Conditions



**Littleton Blvd**  
*Proposed Land Use*



Littleton Blvd Station Area Building Sq. Ft. Gained			
Land Use	Stories Allowed	Fewest Gained Sq. Ft.	Most Gained Sq. Ft.
Urban Commercial	1-3 stories	1,050,000 sq. ft.	3,160,000 sq. ft.
Multi-Family Residential	3-8 stories	1,480,000 sq. ft.	3,950,000 sq. ft.
Corridor Mixed Use	2-6 stories	450,000 sq. ft.	1,360,000 sq. ft.
Park			118,000 sq. ft.



**Littleton Blvd**  
*Proposed Mobility*

