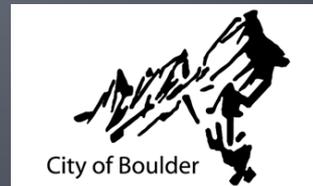


AMP S



Satellite Parking Study

Summary Presentation – October 2015



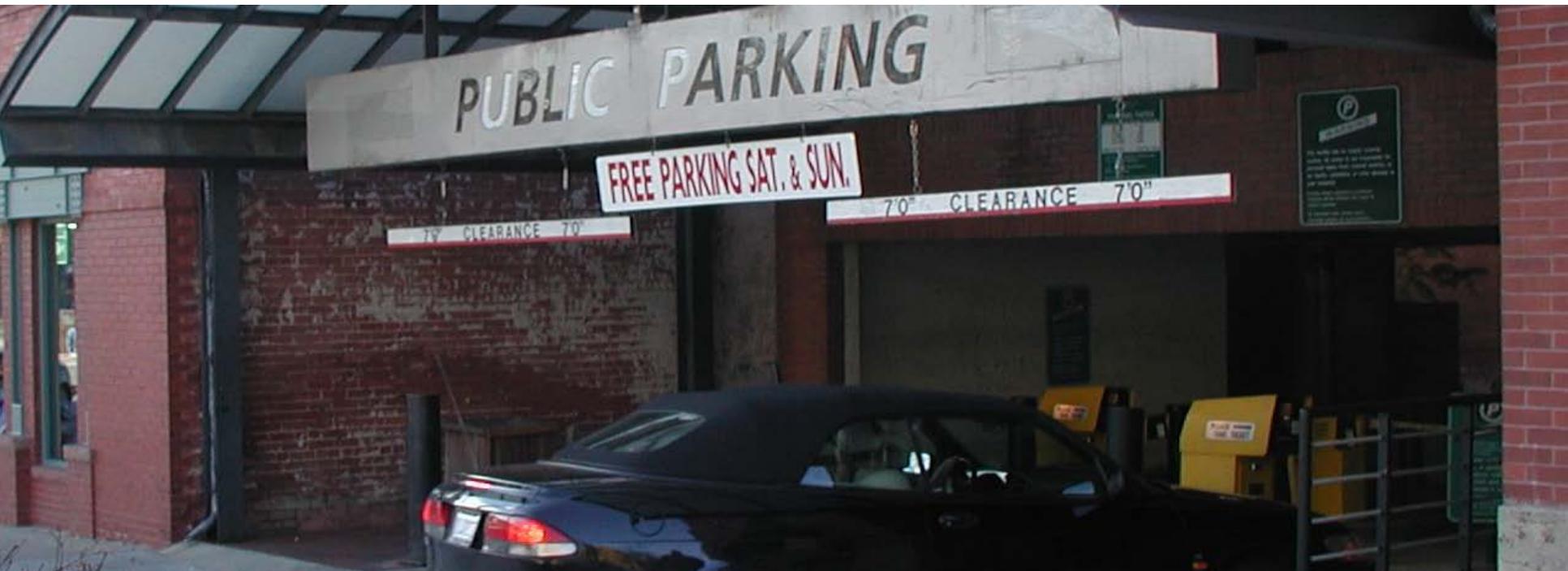


Overview

Overview

WHY CONSIDER SATELITE PARKING?

Downtown's projected parking demands exceed the available supply and currently wait list is +1,000



Overview

BUILD MORE PARKING GARAGES?

Maybe, but the district's portion of meeting the new parking demands would be \$10 to \$20 million



Overview

IS SATELITE PARKING FOR EVERYONE?

No, but If 100 downtown employees use satellite parking:

District saves \$2 million in future capital costs

District saves \$4.5 million in future O&M (10 years)

Employee saves \$6,600 on parking fees (5 years)

Employee saves \$4,600 on driving costs (5 years)



Overview

IS EDGE PARKING PART OF THE SOLUTION?

Yes, there are co-benefits of meeting TMP goals, sustainability targets & economic development initiatives

Targets & Timeframe

SECTOR	METRIC	2020	2035 ¹	2050 ²
Passenger	miles/resident/day	10	7	4
SOV mode share	residents all trips	32%	20%	8%
SOV mode share	non-resident work trips	75%	60%	45%
Transit mode share	residents all trips	6%	10%	14%
Bicycle mode share	residents all trips	22%	30%	38%
Electric & Alternative Vehicles	percent owned	15%	not calculated	75%

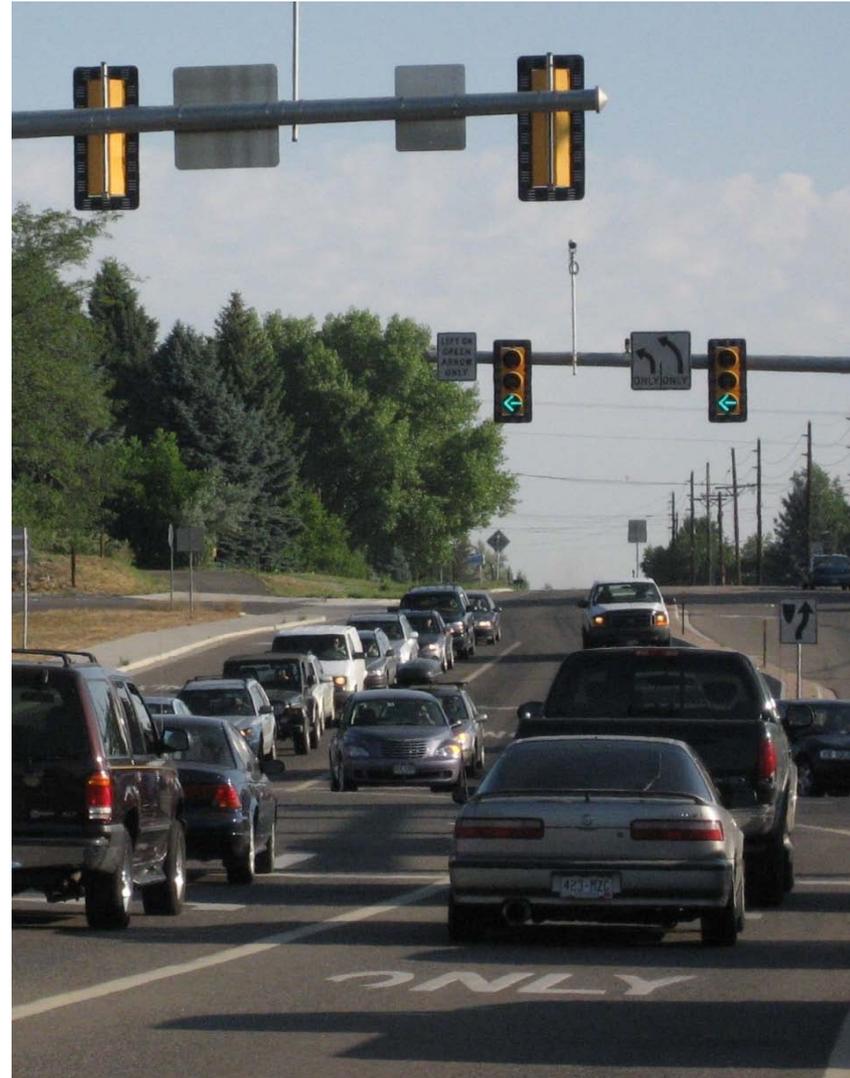




Evaluation and Measures

What was researched?

- “In commuting” trends
- Identified possible sites
- Field audits conducted
- Multimodal connections
- 15 evaluation measures
- 3 travelshed options



Employment Mapping

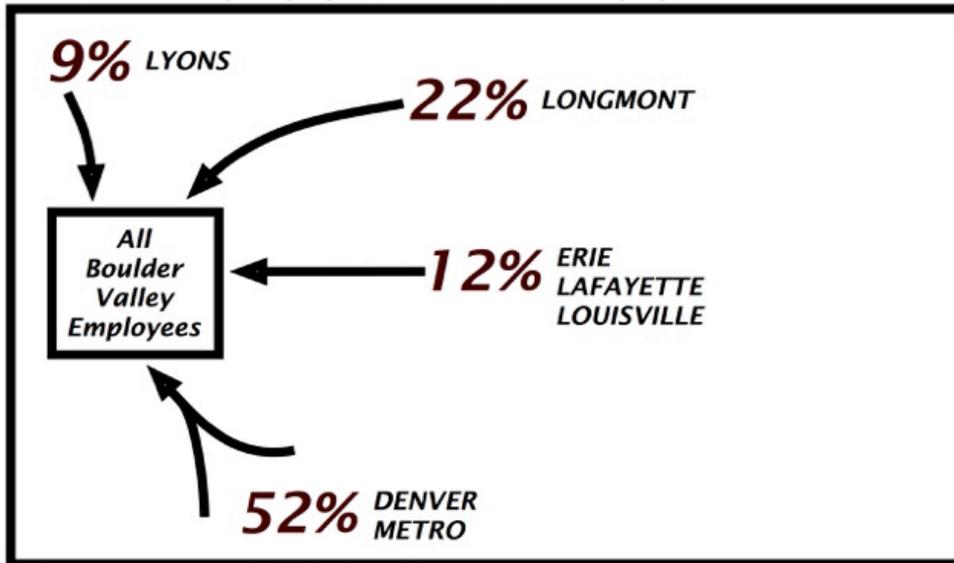
Source: Boulder
County Transportation
Department

In-commuting trends

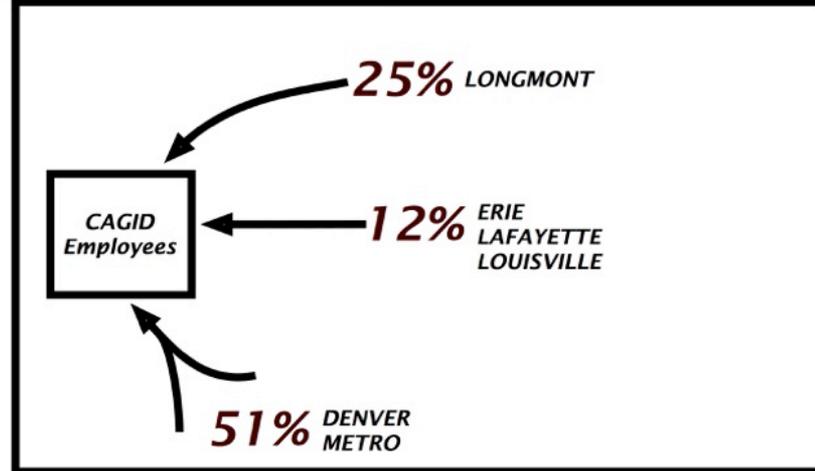
Similar patterns for:

- City-wide employees
- CAGID employees
- City of Boulder Staff

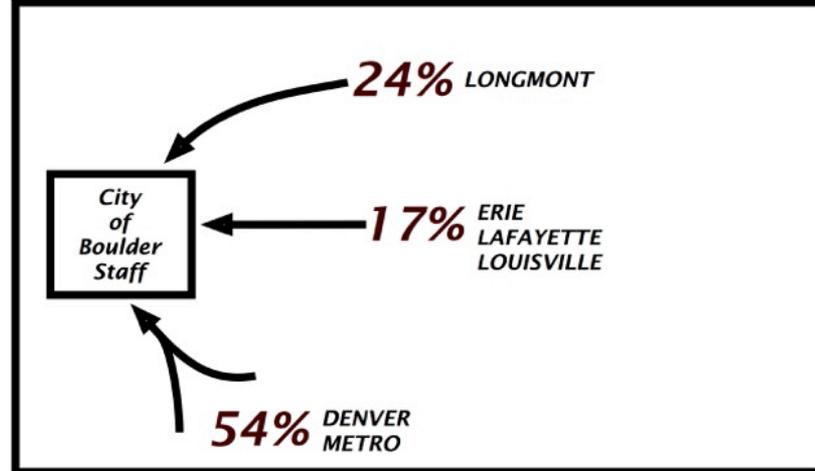
All Boulder Valley Employees - 50,000 Total Employees



CAGID Employees - 7,300 Total Employees



All City of Boulder Staff - Total Employees TBD



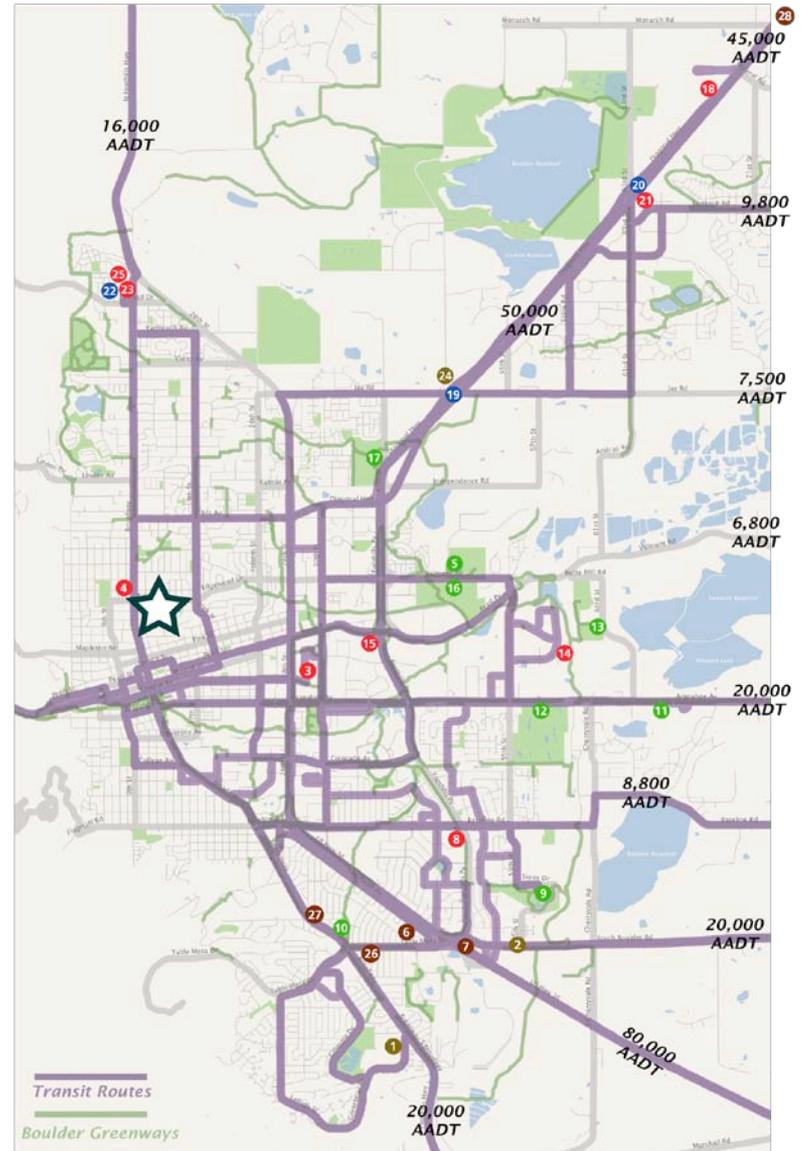
Satellite Parking Locations

28 possible sites

- City Parks/Open Space
- Existing RTD PnR
- CDOT/City ROW
- Private Commercial
- Church Locations

920 parking spaces

- 305 north corridors
- 310 east corridors
- 305 south corridors



Multimodal Evaluation Measures

Walking to transit

- Walking time
- Sidewalks
- Crosswalks
- Lighting
- Signalized crossings



Multimodal Evaluation Measures

Bicycling to destinations

- Secure bike parking
- Bicycle stations
- Bike network connections
- Travel time to CAGID



Multimodal Evaluation Measures

Transit access to destinations

- Passenger amenities
- Stop distance/frequency
- Travel time to CAGID



Multimodal Evaluation Measures

Motorized interconnect

- Carpool/Vanpool routes
- EV charging access





Corridor Summaries

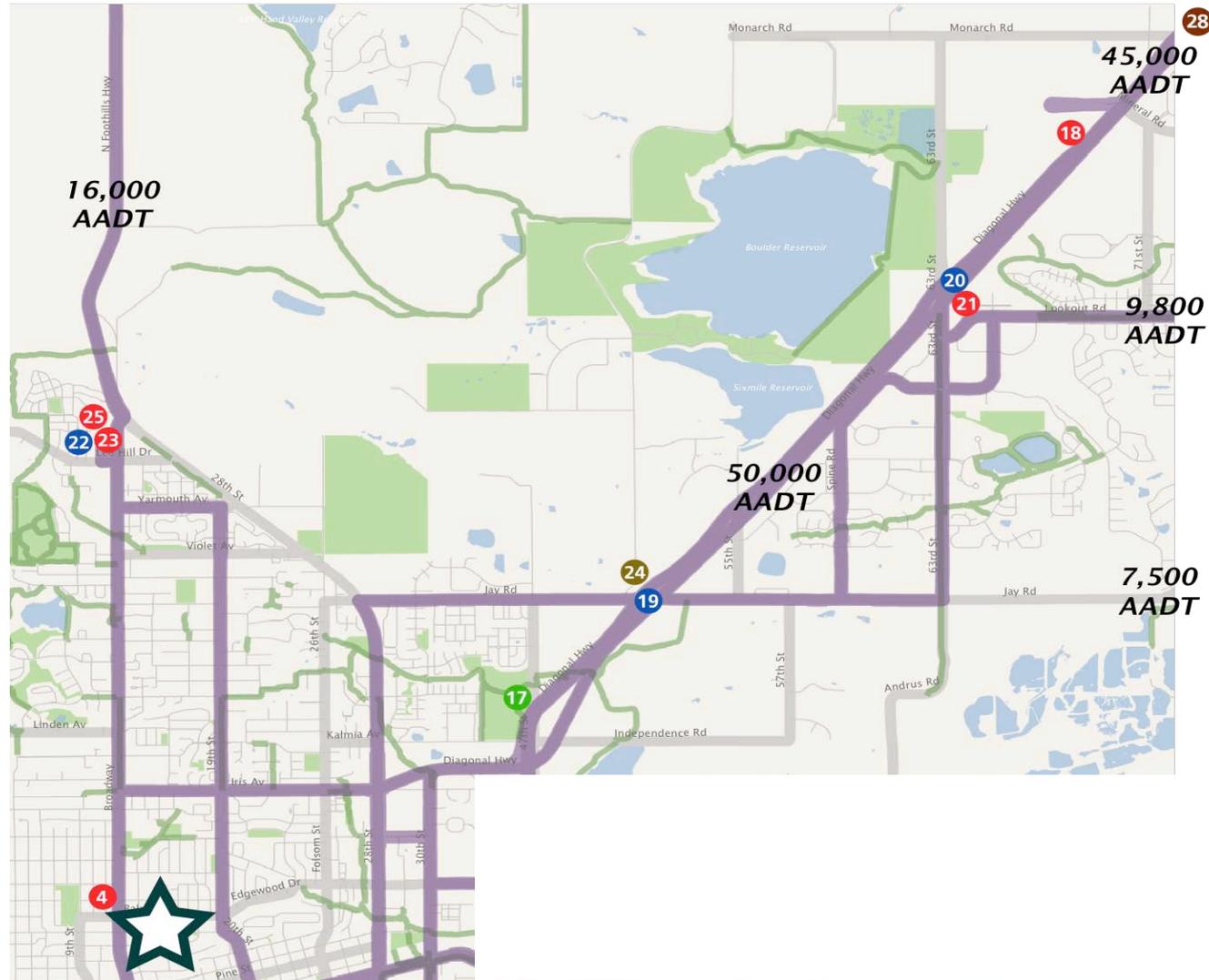
North Travelshed Options

Summary

- 305 parking spaces studied*
- 11 locations

Travel times

- Transit +16 minutes
- Bike +21 minutes



*Spaces at Boulder Community Hospital TBD

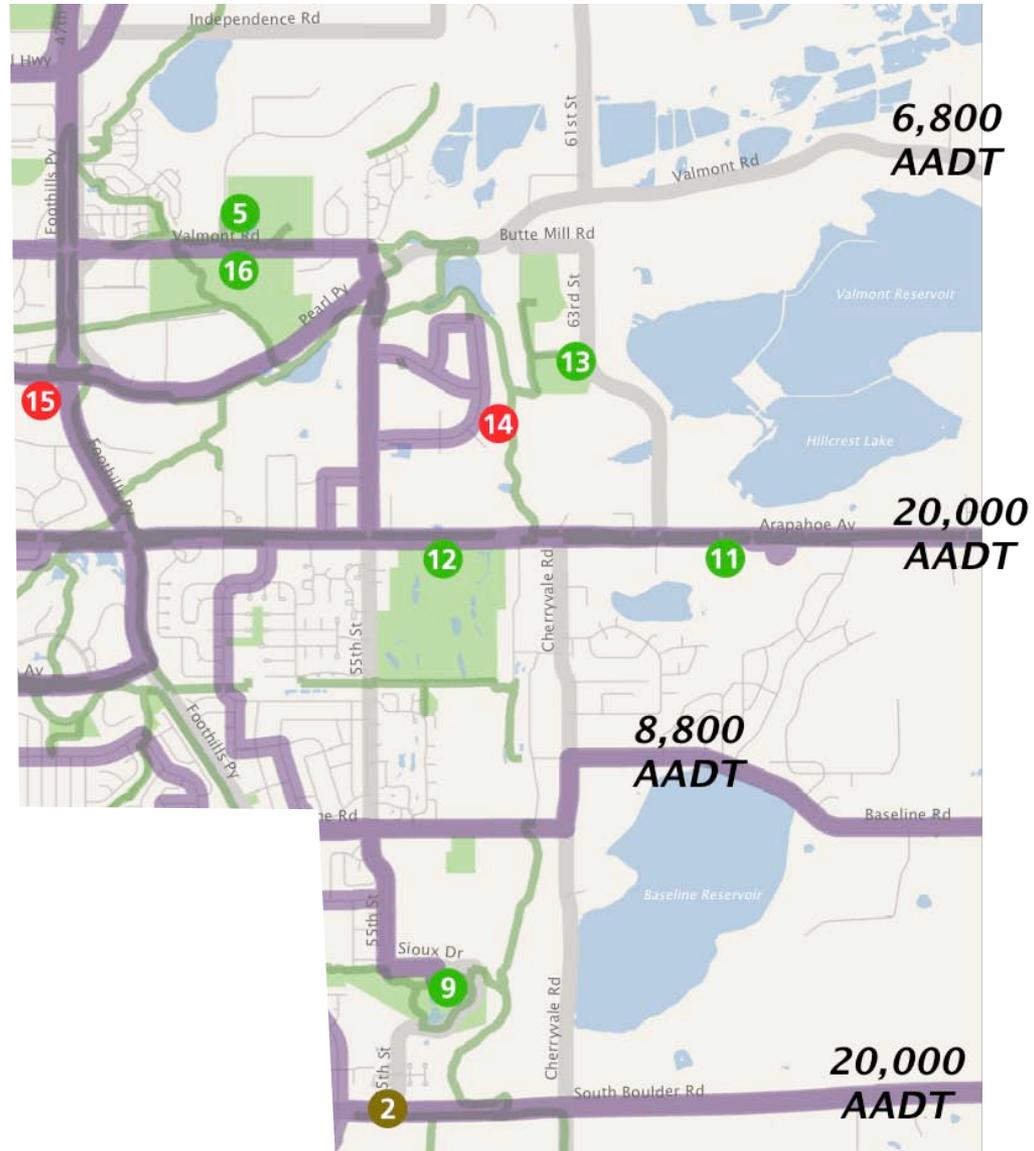
East Travelshed Options

Summary

- 310 parking spaces
- 9 locations

Travel times

- Transit +16 minutes
- Bikes +15 minutes



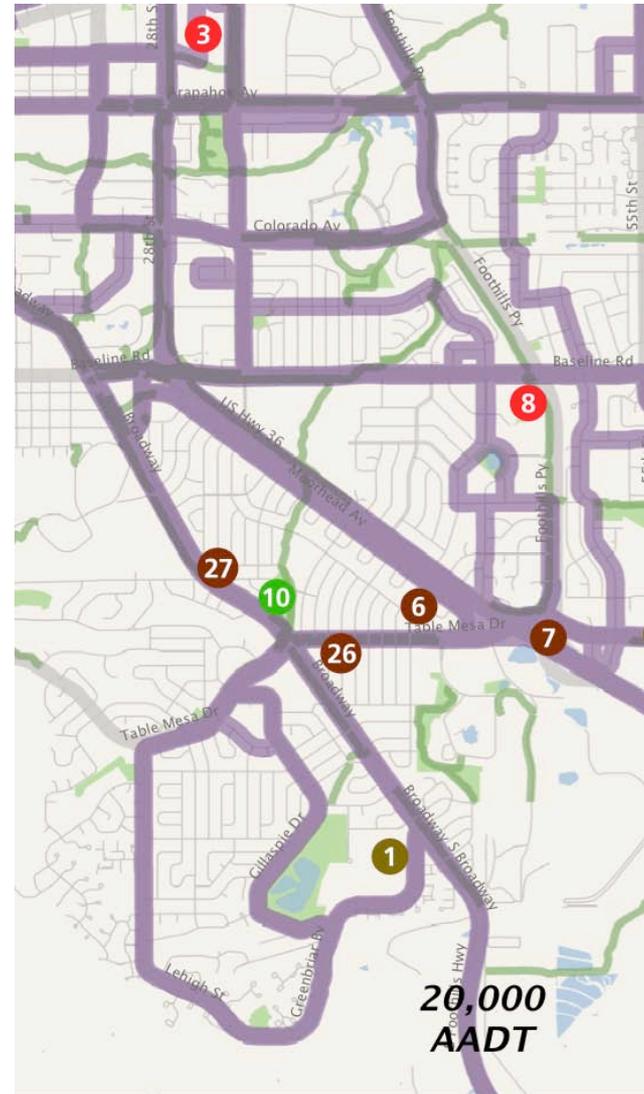
South Travelshed Options

Summary

- 305 parking spaces*
- 8 locations

Travel times

- Transit +10 minutes
- Bikes +12 minutes



*Spaces at 29th street TBD



Proposed Recommendations

#1: Table Mesa/Tantra PnR

- 60% of commuters pass this RTD owned garage
- “In district” commuter vehicles not charged for first 24 hours
- All CAGID employees have access to an Eco Pass
- Weekday peak parking availability
 Table Mesa = 75 spaces
 Tantra = 100 spaces
- Weekday peak transit service in/out 10 minutes*
- Bike then Bus Shelter/Lockers



*DASH, Flatiron Flyer (TBD) and AB for outbound

#1: Table Mesa/Tantra PnR

Short Term:

- Marketing both Park-n-Rides for “in-commuting”
- 50 daily participants in rewards program

Long Term:

- EV charging stations
- Bicycle stations and additional bicycle storage
- Private shuttle and rideshare pickup locations



#2: Eco Cycle/Resource Yard

- 12% of commuters pass this city owned location
- Peak parking availability 25 spaces
- Peak transit service 7.5 minutes*
- Needs overnight bike parking



*Jump

#2: Eco Cycle/Resource Yard

Short Term:

- Collaborate across departments on lease agreement
- 25 daily participants issued parking permits in rewards program
- Install secure-overnight bicycle parking options

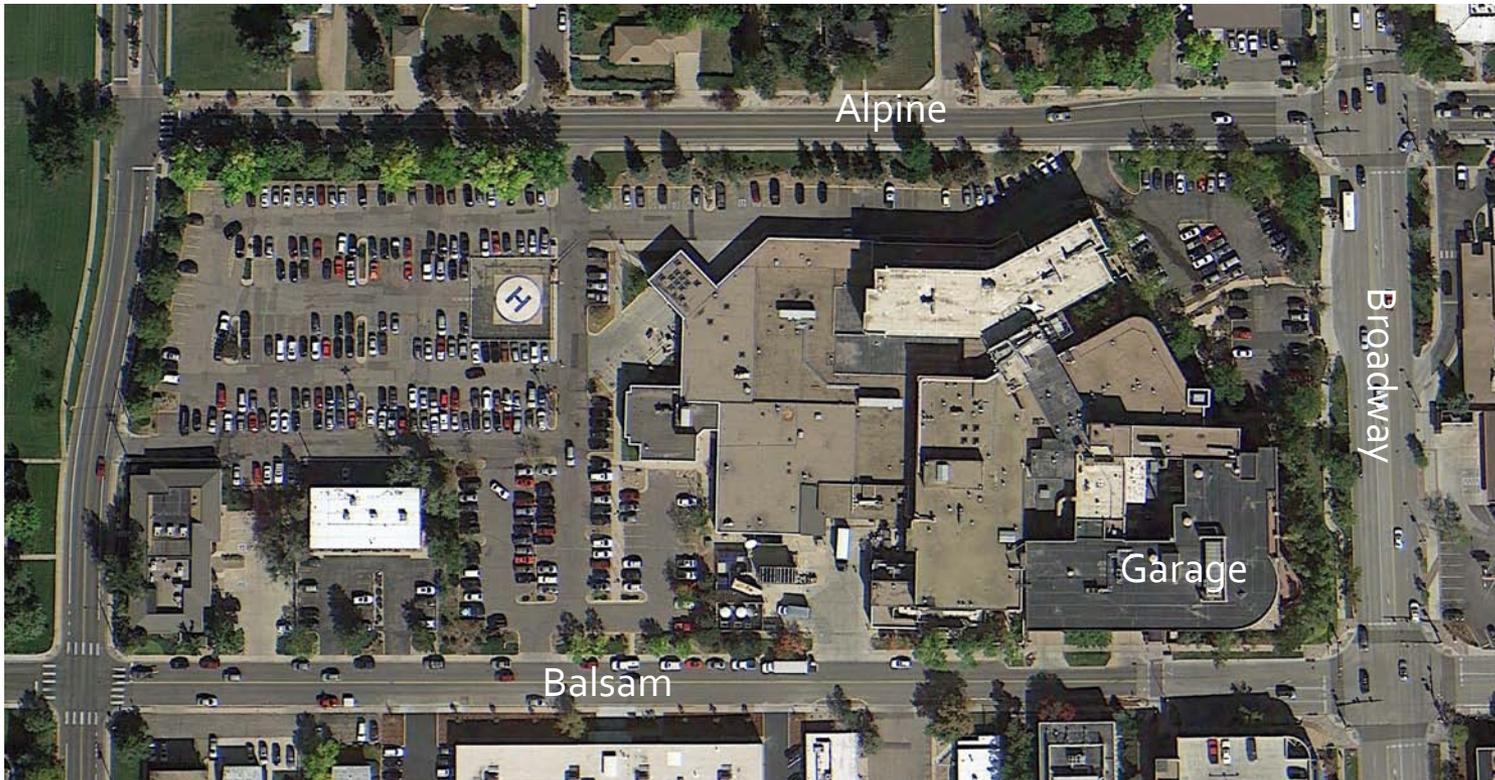
Long Term:

- EV charging stations in Conjunction with BVSD Education Center
- Expanded parking options with BVSD Education Center
- Private shuttle and rideshare pickup locations



#3: BCH Campus

- 25% of commuters pass this location
- Peak transit service 5 minutes*
- Needs overnight bike parking



*Skip

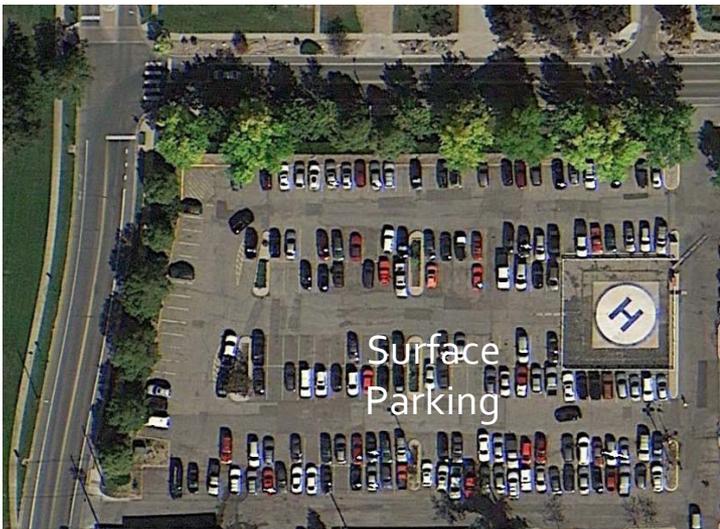
#3: BCH Campus

Short Term:

- Collaborate with BCH on lease for surface of structured spaces
- 25 daily participants issued parking permits in rewards program
- Install secure-overnight bicycle parking options

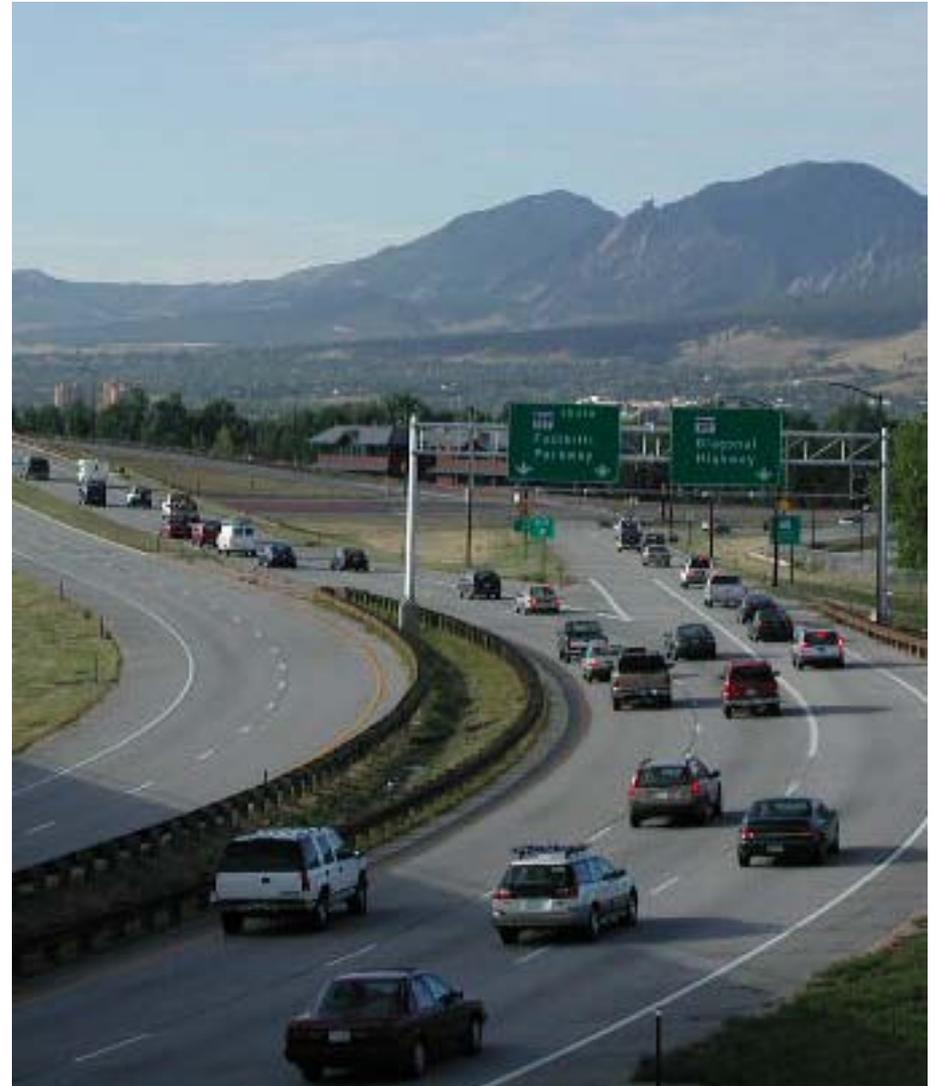
Long Term:

- Operate a share parking garage
- Private shuttle and rideshare pickup locations



#4: SH 119 Park N Rides

- 25% of commuters use the diagonal hwy.
- **Plan for a Park-N-Ride like Table Mesa PnR**
- Peak transit service TBD
- Provide Bike Then Bus Shelters



#4: SH 119 Park N Rides

Short Term:

- Study feasibility of “in-commuting” Park-n-Rides during SH 119 BRT Study

Long Term:

- Park-n-Rides located at 1-2 locations in BRT corridor
- Pedestrian/bicycle bridges over SH119
- EV charging stations at Park-n-Rides
- Private shuttle and rideshare pickup locations



Recommendation Summary

	Implementation Timeline	Spaces Available for Satellite Parkers	Capital Funding Required	Satellite Parking Program OM Costs & Goal
#1 Table Mesa/ Tantra P-n-R	Marketing in Spring 2016	175	None	\$30,000 in 2016 for outreach, marketing and rewards program with a goal of 50 participants
#2 Eco/Re Yard	Lease agreements by Spring 2016	25	None	
#3 BCH Site	Lease agreements by Spring 2016	100	TBD	
#4 Diagonal	Studied in Summer 2016	TBD	TBD	
Total		300		