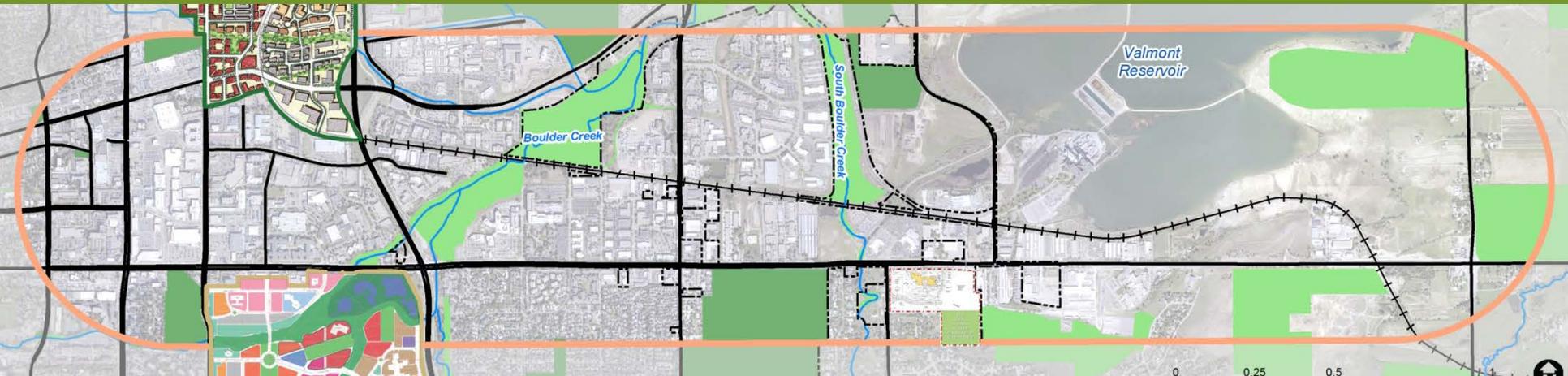




Envision East Arapahoe

***City Council Study Session
Oct 28, 2014***



[www.Envision EastArapahoe.com](http://www.EnvisionEastArapahoe.com)

Study Session Purpose

1. Share project information and community input
2. Present scenarios for feedback
3. Discuss next steps and timeline

Questions

Does City Council have feedback:

1. To further refine the scenarios?
2. Regarding the project timeline or next steps?



Organizational growth (BCH)



Businesses, Arts



CU East

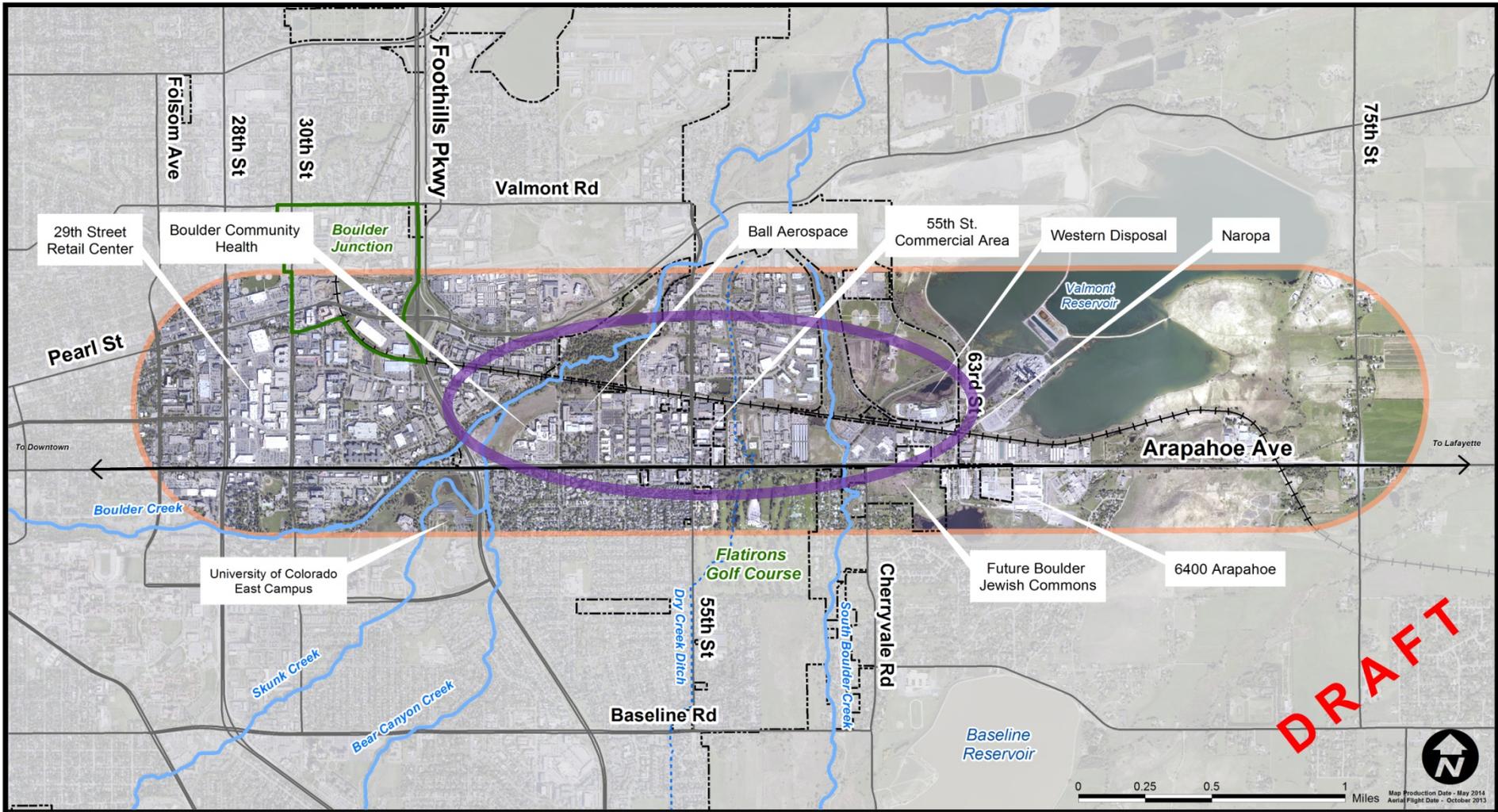


State Highway 7

*What is the area's past and present...
and what should it become?*



Project Overview



Legend

-  Study Area
-  City Limits
-  Creek
-  Ditch
-  Railroad

DRAFT

0 0.25 0.5 1 Miles
 Map Production Date - May 2014
 Aerial Flight Date - October 2013



Study Area

Project Goals

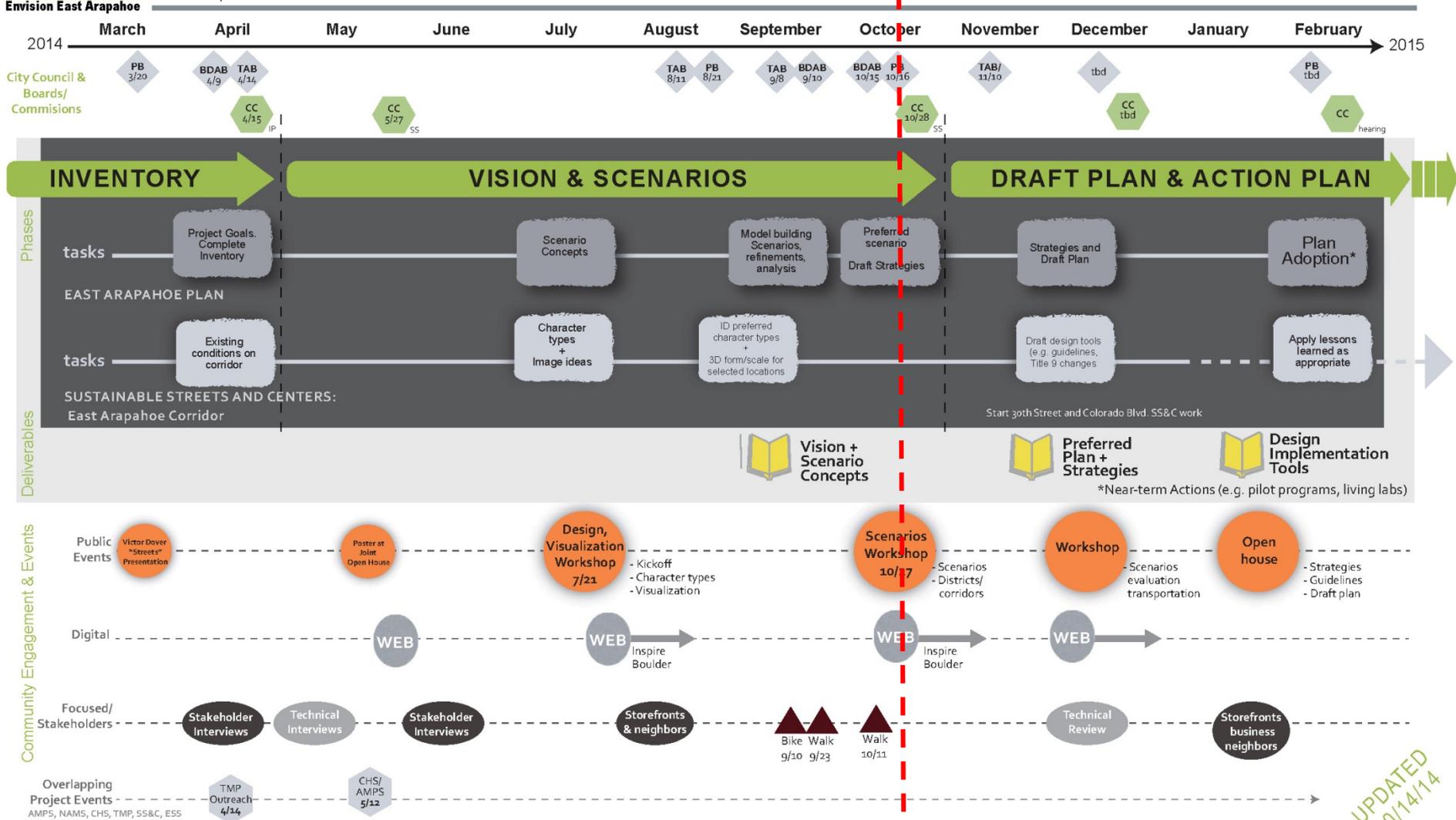
- ▣ A **long-term vision plan**
- ▣ Community **engagement** and partnerships
- ▣ **Data-informed**
- ▣ **Near-term actions** and projects (e.g., site review guidelines, pilot projects, improved sidewalks)

Schedule



Timeline

East Arapahoe Plan and Sustainable Streets and Centers



Community Engagement

- Workshops / open houses
- Walk and bike audits
- Interviews
- Web surveys and project info online
- Boards and Commissions (PB, TAB, BDAB)
- City Council

More events planned



Getting Out the Word...

- Direct mail (postcards)
- Posters
- Social media
- Organization networking
- Email – growing Constant Contact list
- Web page
- Media releases (news articles)
- Individual meetings

Envision East Arapahoe



Monday, Oct. 27



Attend a meeting **Oct. 27.**
Give your feedback and ideas on
the future of East Arapahoe.

Should it be a place for... Walking • Biking • Shopping •
Enjoying nature • Connecting to transit • Living close to work •
Experiencing culture • Innovative work

www.envisioneatarapahoe.com

House: 5 to 7 p.m.

Registration: 5:30 p.m.

University of Northern Colorado, Nalanda Events Center
1000 East Arapahoe Road, Boulder
Registration via JUMP route

Refreshments will be served.

Open to... Walking • Biking • Shopping •
Connecting to transit • Living close to work •
Experiencing culture • Innovative work

www.envisioneatarapahoe.com

Coordination / Partnership

- ▣ Boulder County
- ▣ CU (East Campus, North Boulder Creek Master Plan)
- ▣ Naropa
- ▣ Boulder Community Health
- ▣ Western / 6400 Arapahoe
- ▣ RTD, CDOT
- ▣ Neighborhoods/
residents
- ▣ Businesses



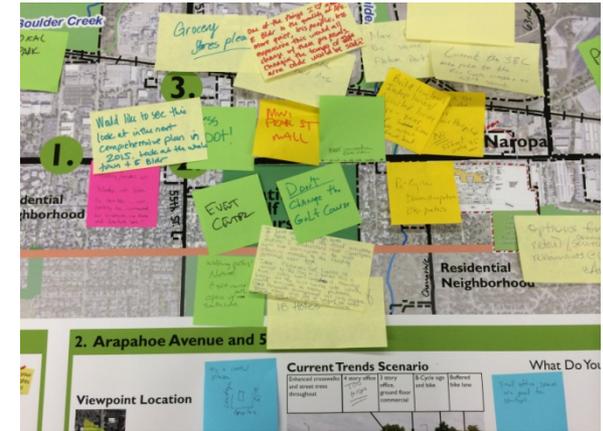
Community Perspectives

- ▣ Wide ranging, from:
 - Put the project on hold, concern about growth
 - Scenarios need to be more bold - test a wider range of options and capacity



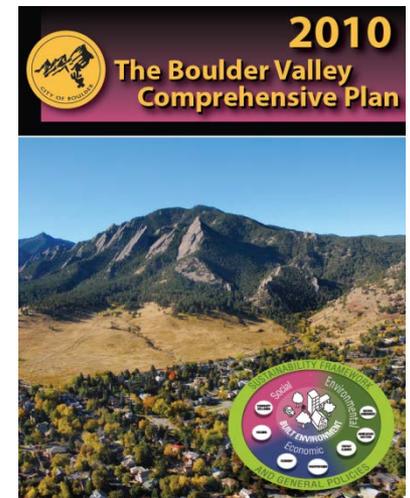
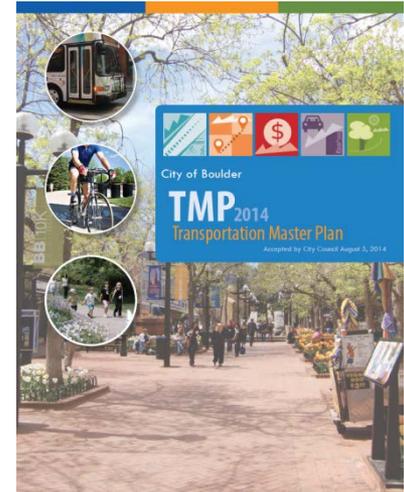
Range of Community Ideas

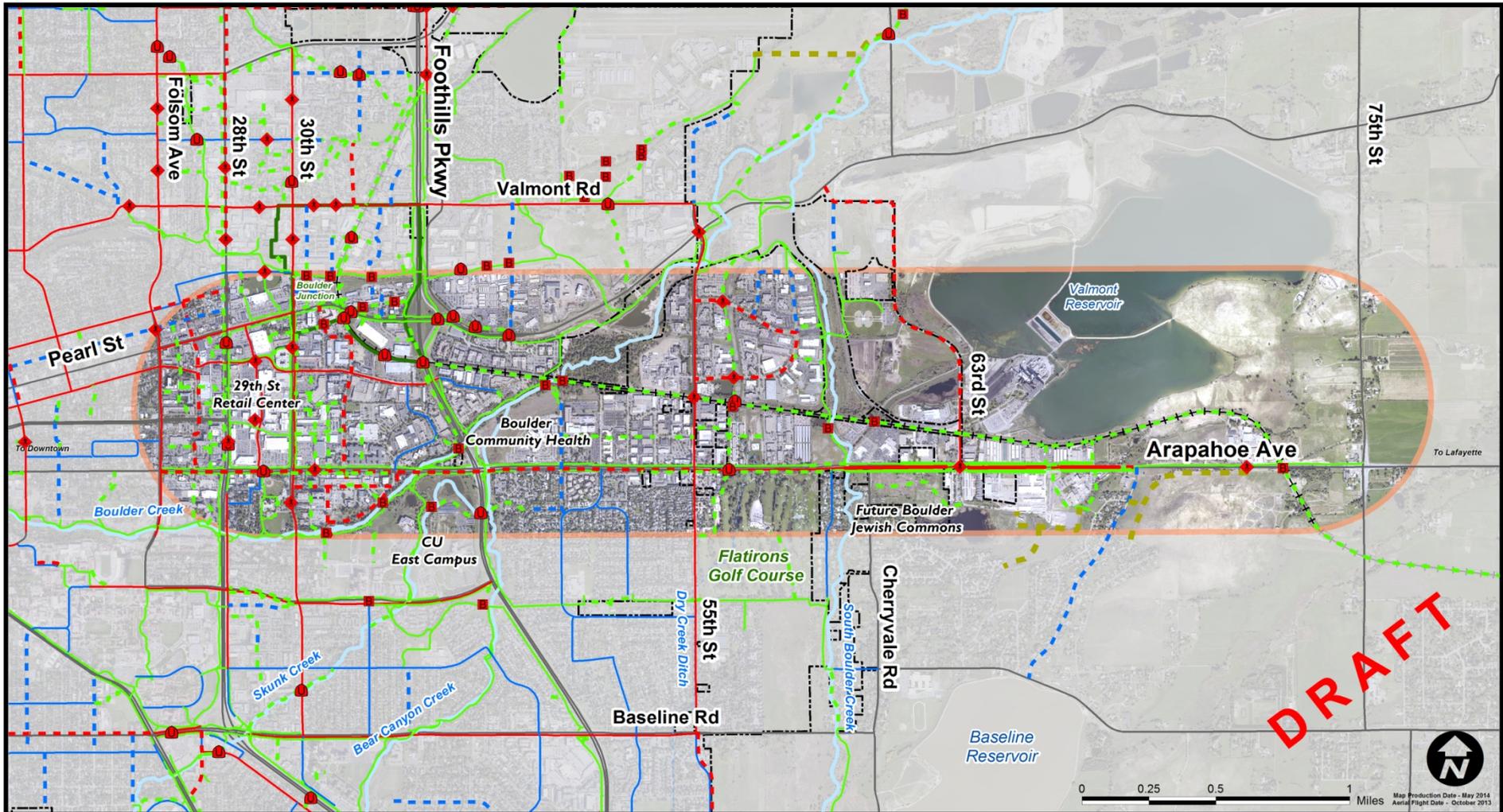
- ❑ Need restaurants, shops, and small grocery
- ❑ Need better infrastructure (e.g., sewer, sidewalks, bicycle facilities)
- ❑ Would like connections to downtown, easier mobility, better transit
- ❑ Housing – maybe
- ❑ Golf course opportunities
- ❑ Support for the arts
- ❑ Make area more attractive; maintain views, green space
- ❑ Need critical mass of activity
- ❑ Concern about growth and big buildings



Relationship to Other Plans

- ▣ Integrates planning ideas:
Land use, urban design,
housing, transportation and
parking, economic
sustainability
- ▣ Can feed into the 2015
Comprehensive Plan





Legend

- | | | | |
|-------------|--------------------------------------|--------------------------------------|--------------------------------|
| Study Area | Existing Designated Bike Route | Proposed Designated Bike Route | Proposed Enhanced Ped Crossing |
| City Limits | Existing Multi Use Path | Proposed Multi Use Path | Proposed Bridge |
| Creek | Existing On Street Bike Lane | Proposed On Street Bike Lane | Proposed Underpass |
| Ditch | Existing Soft Surface Multi Use Path | Proposed Soft Surface Multi Use Path | |
| Railroad | | | |

0 0.25 0.5 1 Miles
 Map Production Date - May 2014
 Aerial Flight Date - October 2013

DRAFT



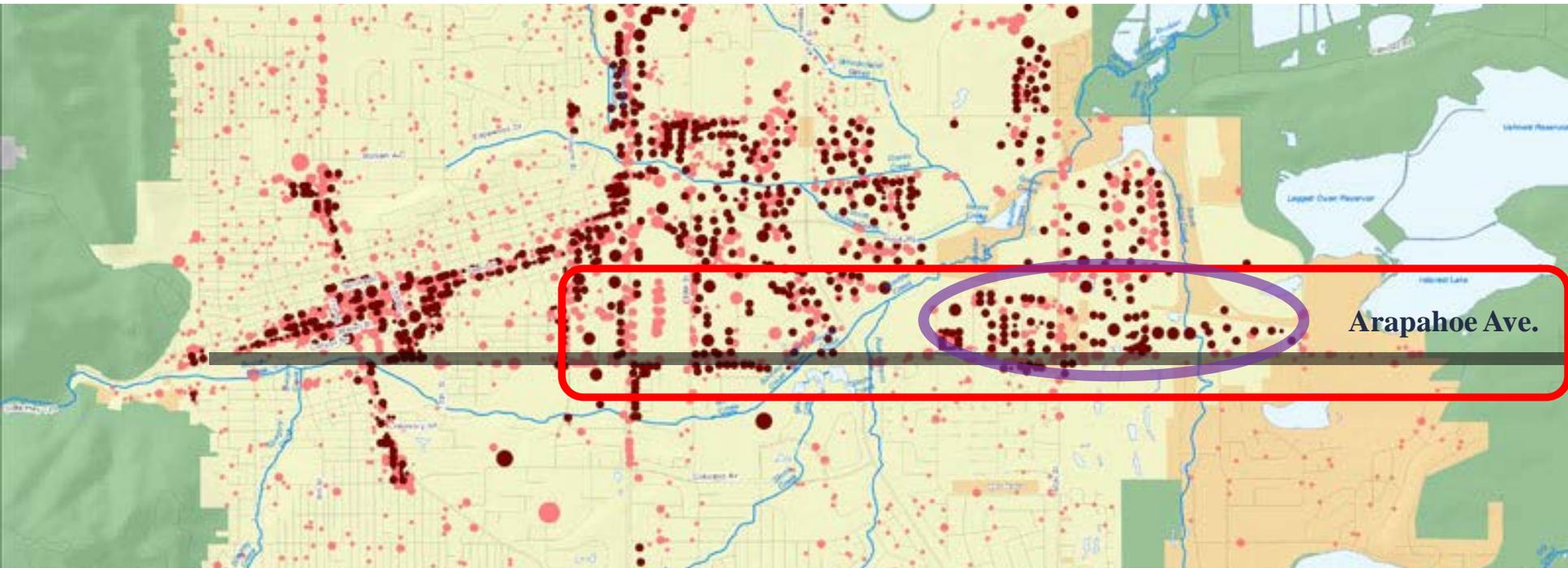
Map 5

Existing & Proposed Ped / Bike Features



Corridor has projected jobs...

(based on current zoning)



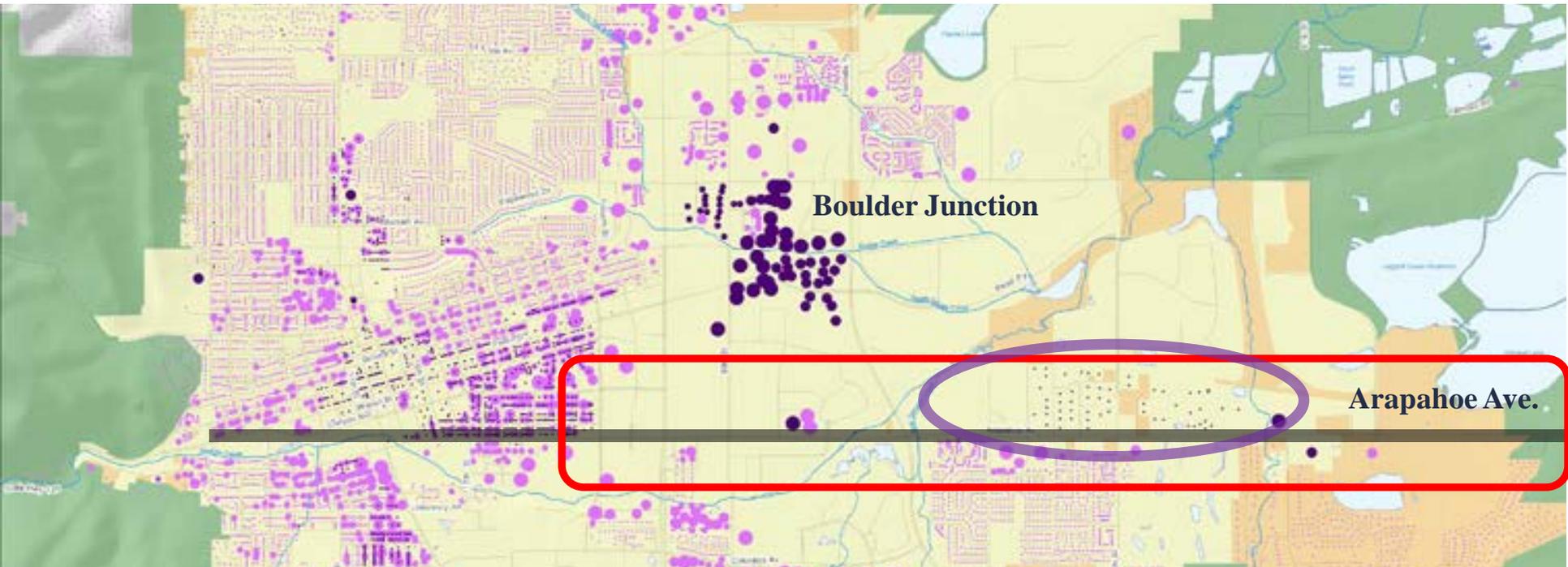
Whole:

Potential: **18,900** Total: 54,300

In focused areas of study:

Potential: **4,300 jobs**

More than projected housing



Whole:

Potential: **1,000** Total: 4,200 housing units

In focused areas of study:

Potential: **0 housing units**

Future Vision

East Boulder and east Arapahoe will be more inclusive, vibrant, resilient, and connected.



Future Vision

Envision East Arapahoe

East Boulder and east Arapahoe will be more inclusive, vibrant, livable, resilient, and connected. It will be...

A Healthy, Socially Thriving Place that:

- attracts people to vibrant districts (e.g., health, bio/science, creative, learning, recreation, and eco/zero-waste)
- includes and protects existing neighborhoods while offering new housing choices
- offers space and activities that welcome all people who wish to participate

An Economically Vital Place that:

- includes incubator businesses, and attracts ingenuity
- maintains opportunities for affordable business and service industry space
- enables institutions to thrive and offer services to the community for learning, health, and recreation

A Livable Place that:

- reflects its history and cultural assets
- offers nearby high quality amenities and facilities for workers and residents (e.g., restaurants, day care, nearby parks and open space) within a short walk or ride
- offers inviting public spaces and beautiful architecture
- is a positive gateway experience to Boulder's eastern edge

An Environmentally Sustainable Place that:

- protects biodiversity along riparian corridors and promotes nature-friendly design
- promotes waste reduction and recycling
- has reliable utilities and services and promotes resource conservation and renewable energy

An Accessible, Connected Place that:

- provides multiple transportation options so people can move east and west along a street with excellent transit service and Bus Rapid Transit (BRT), bicycle, and pedestrian, and auto options
- improves connections to north and south of Arapahoe, as well as to downtown, the west side of Boulder, and eastern towns

A Safe Place that:

- fosters a climate of safety in homes, businesses, institutions and public spaces
- provides safe and welcoming places for pedestrians and bicycles

To accomplish the vision, it will take:

- ☑ transportation and infrastructure funds -- leveraging local with state, national, private
- ☑ new regulations, standards, or incentives to foster appropriate new development
- ☑ partners working together
- ☑ establishing performance metrics to track how goals are being met over time

DRAFT

“Givens” Expected for the Future

- ▣ Many aspects will remain:
 - Neighborhoods
 - Businesses
 - Organizations
- ▣ Avoid floodplain (high hazard, conveyance)
- ▣ Not increasing growth; exploring land use tradeoffs



About Scenarios - Assumptions

1. Change can occur with current trends/zoning
2. Current scenario approach does not expand capacity, but model can test ranges
3. Scenarios:
 - A way to first discuss values and ideas
 - Further quantitative analysis underway – next step
 - Allow for iterations

Menu of Choices

“Surgical” Approach/

Focused Areas:

- ❑ Walnut East
- ❑ BCH/Ball
- ❑ 55th / Arapahoe
- ❑ 55th Street North
- ❑ Recycle Row



Walnut East
street connection,
medical related
offices expand

BCH/Ball
medical office,
retail, managed
parking

55th/Arapahoe
retail, services, some
housing, arts and
culture, mobility hub

55th North
office, retail
to serve
industrial park

Recycle Row
ecodistrict,
energy generation
trucks and industry

Station Area
future gateway,
mixed-use, edge
parking

Future Scenarios- Different Ideas

*Packages = “Menu” of choices,
addressing tradeoffs*

A - Current Trends

*Continues light industrial with little change to
infrastructure*



B - Districts

*A place where existing organizations/ businesses
thrive with some shops and restaurants, additional
medical offices and housing*



C - Housing Choices

*Introduces new workforce and affordable housing
in select sites, plus dining, shopping arts and
entertainment along with higher level of public
improvements*



Analysis underway

Measure performance toward goals (quantitative and qualitative for December):

- Safe routes and crossings
- Mix of uses
- Proximity to nature and parks
- Housing mix and affordability
- Energy Use Intensity (EUI) and carbon emissions
- Water and sewer capacity
- Costs/revenue



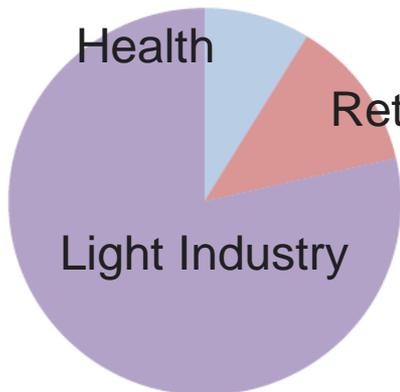
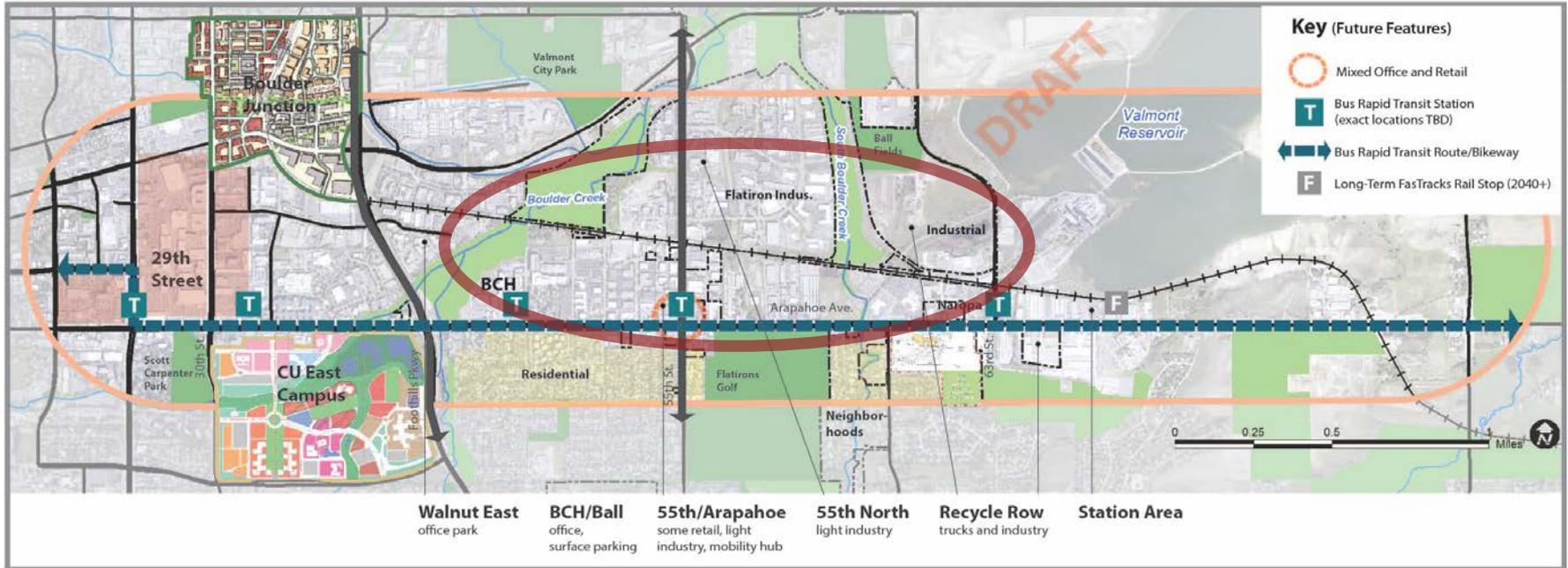
Will do more Envisioning



- Arapahoe and Commerce
- 55th and Western
- Arapahoe and 55th



A--Current Trends



Future Mix of "New" Land Uses

A. Current Trends Scenario

Continues the predominant light industrial trend with little change to infrastructure.

What are Key Features?

1. Light industry, low rise, suburban patterns of development with surface parking lots
2. Affordable service industrial, and places for storage units
3. Few places to eat or shop
4. No new housing on the north side of Arapahoe and south of Boulder Creek (between Foothills Parkway, city limits)
5. Low level of pedestrian and bicycle activity
6. People must drive to get around for daily needs
7. Few nearby outdoor public spaces to relax or recreate, except open space trails
8. Disconnected from other parts of the city

New land use potential is approx. 80% light industry (of potential 4,300 jobs).



Walnut East

- Office Park

Office Park Environment

Boulder Community Health/Ball

- Office
- Surface Parking

Medical Office Park

55th/Arapahoe

- Some Retail
- Light Industry
- Mobility Hub

Service Retail

55th Street North:

- Light Industry

Light Industry

Recycle Row

- Trucks and Industry

Recycling Trucks

Recycling and Waste Disposal

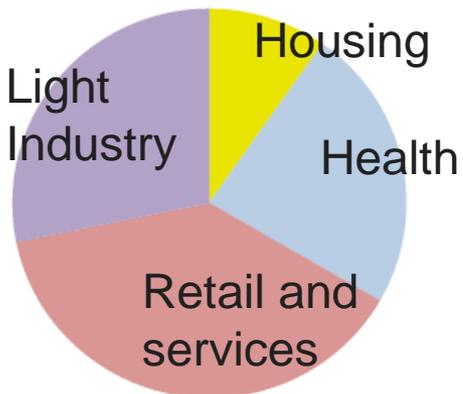
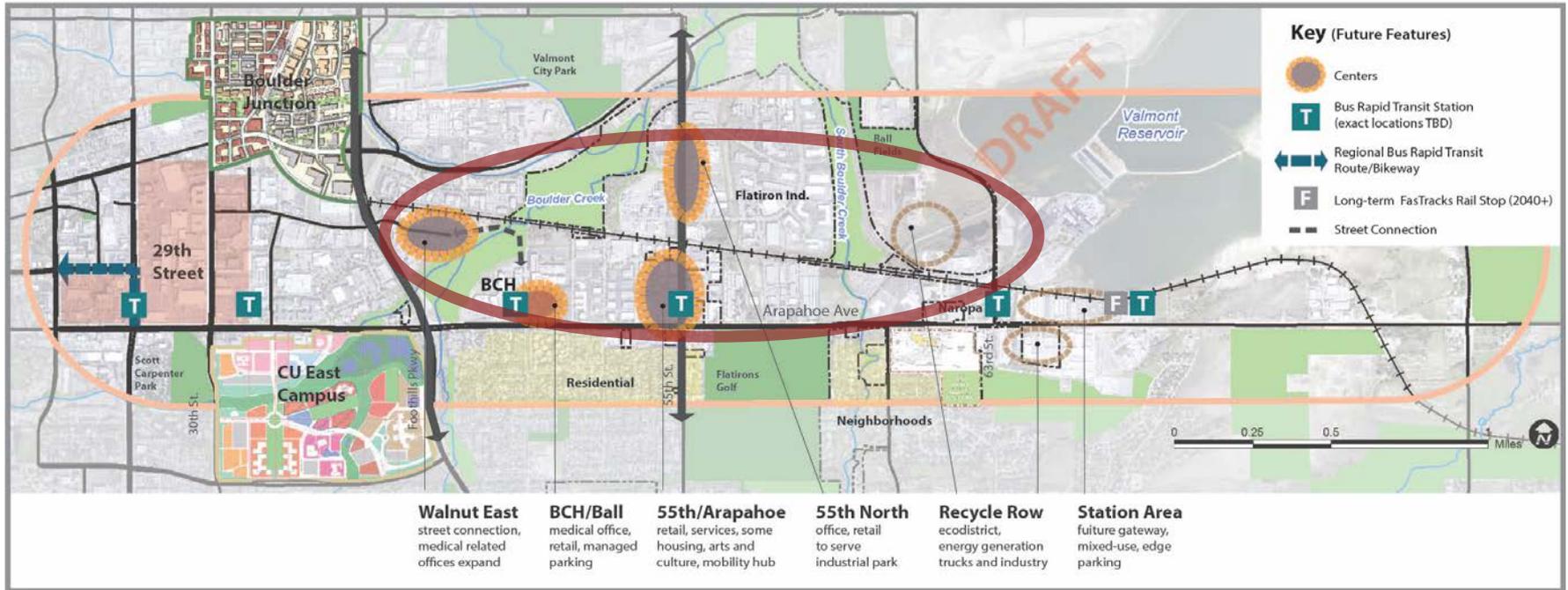
Future FasTracks (Long Term)

- Little to No Change

What other choices would you like to see?

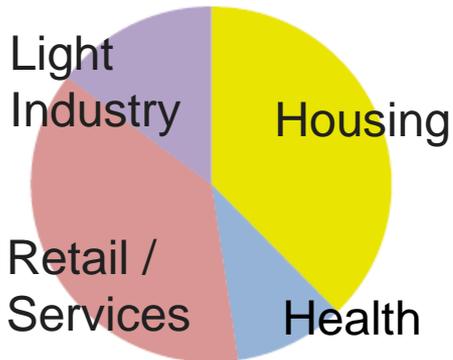
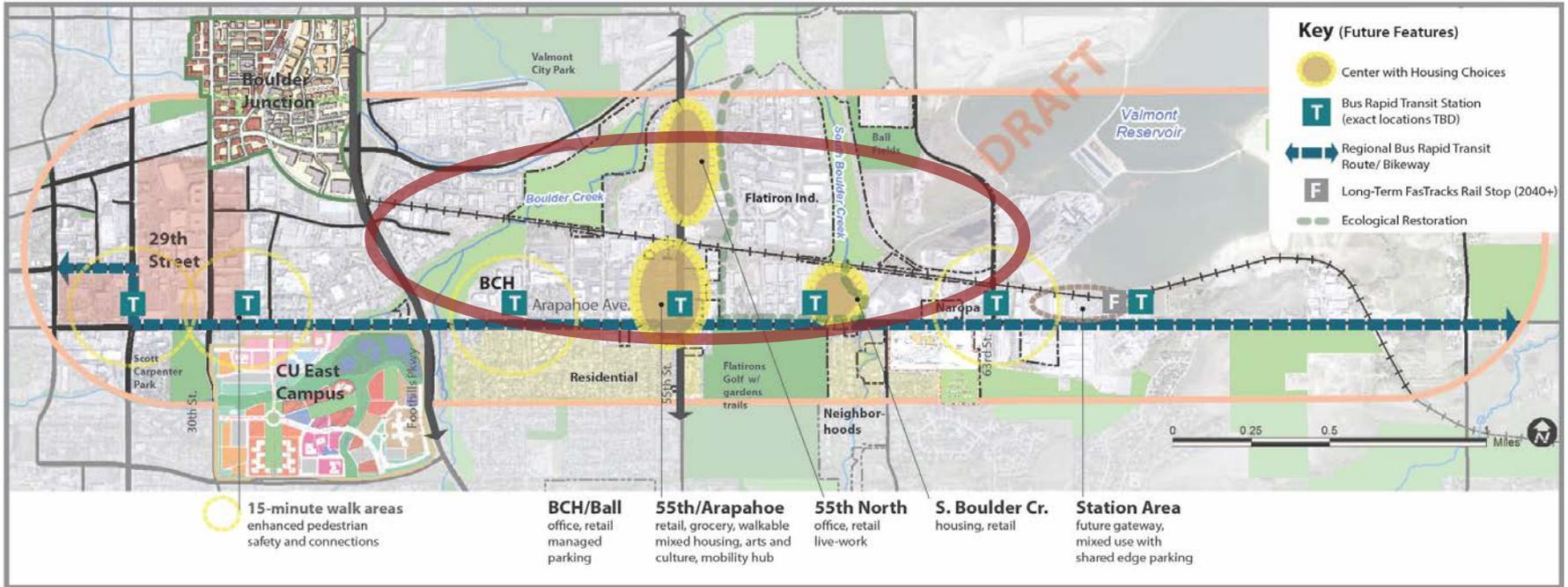


B--Districts

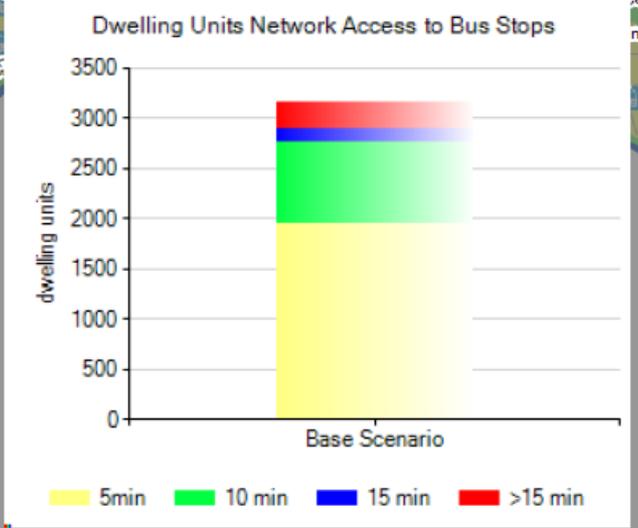
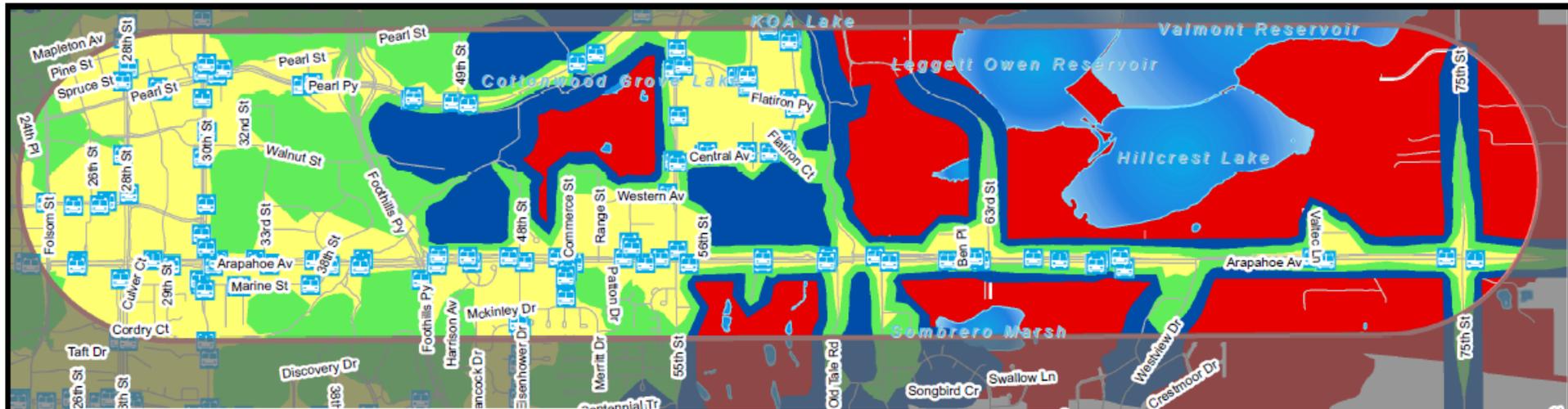


Future Mix of "New" Land Uses

C--Housing Choices



Future Mix of "New" Land Uses



DRAFT

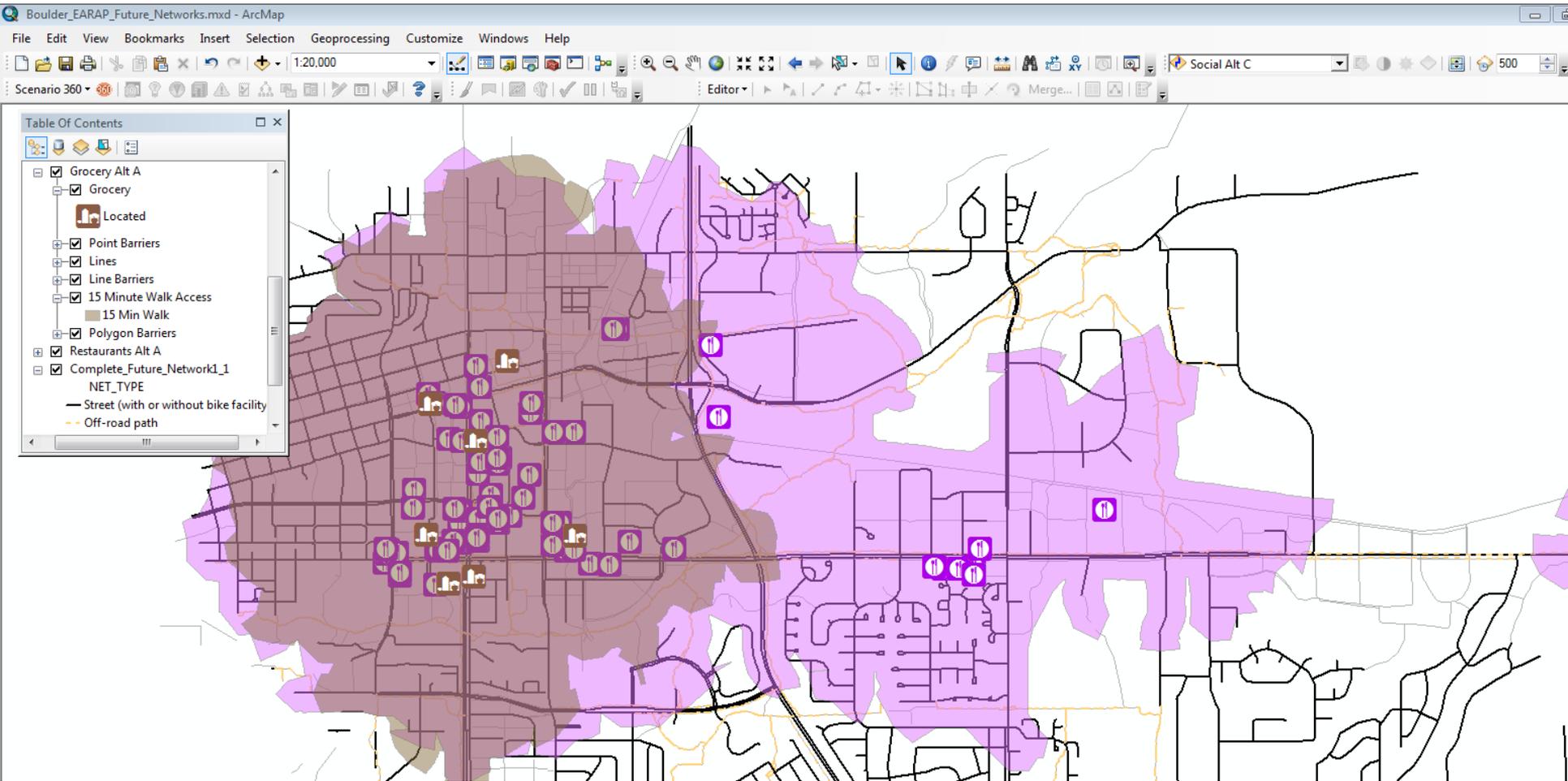


- #### Legend
- BusStops
 - Study
 - Lakes
- #### Busstop Network Distance Areas
- Less than 1/4 mile (5 min walk)
 - Less than 1/2 mile (10 min walk)
 - Less than 3/4 mile (15 min walk)
 - Greater than 3/4 mile (beyond 15 min walk)

Existing Access to Bus Stops



Restaurant + Grocery Access



Transportation: Community Feedback

The City of Boulder has hosted two Walk Audits, one Bike Audit, and one Open House for the Envision East Arapahoe corridor. This is what we have heard from the community about transportation. Please feel free to add more ideas about making it easier for people to get around!



ALL MODES

- More connections for pedestrians, bicyclists, and transit
- Consider 'road diets'
- Signage/wayfinding improvements on multi-use paths and sidewalks
- Increase separation between different modes
- Slower vehicle speeds on Arapahoe
- Explore connecting Walnut to 48th



TRANSIT

- Create bus rapid transit (BRT) in a separate lane with more frequent buses
- Provide more amenities at bus stops (Shelter, benches, lights, wayfinding, bike parking)
- Make the bus stops feel safer
- RTD bus routes service area expansion



BIKE

- Visibility improvements at crossings
- More off-street multi use paths
- Install buffered/protected bike lanes
- Bike improvements on south side of Arapahoe
- Increase bicycle parking at existing businesses
- Improved connection to CU east campus and Naropa



WALK

- Narrower street / mid-street refuge islands
- Better pedestrian paths through large parking lots
- Increase crossings / add mid-block crossings
- Improve pedestrian facilities at commercial area nw of 55th and Arapahoe
- Widen sidewalk on south side of Arapahoe and add more vegetation
- Conestoga and Arapahoe intersection improvements

Other ideas? Please share them here:



EnvisionEastArapahoe.com



Transportation

Transportation: Complete Streets



COMPLETE STREETS

Transportation: Complete Streets



PROTECTED BIKE LANE

Transportation: Intersections



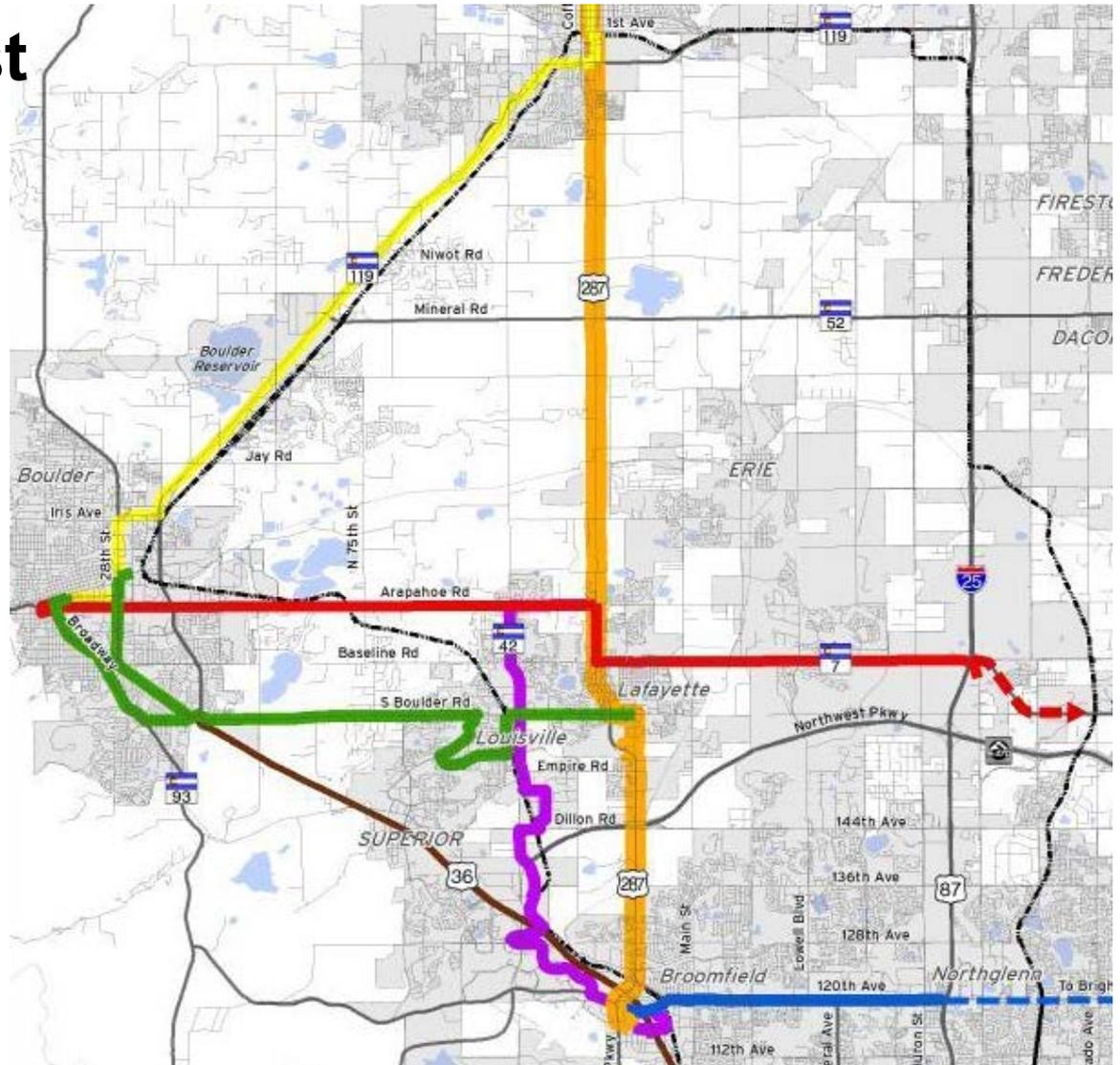
Regional Transportation

RTD's Northwest Area Mobility Study (NAMS)

US36 BRT

Adds BRT corridors:

- Diagonal/119
- Arapahoe/SH7
- South Boulder Rd



New Options: BRT

Key features include:

- ▣ New transit option, faster than the local bus, potential for significant ridership gains
- ▣ Branded bus, exclusive lanes, new street features



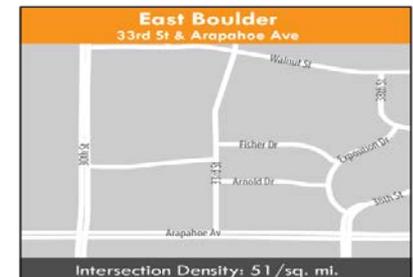
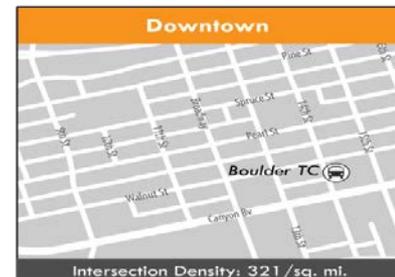
BUS RAPID TRANSIT

Transportation Analysis

What will we learn?

Understand and explore how the transportation network supports the different land use scenarios including...

- ✓ *Number of projected new trips*
- ✓ *Share of trips by people driving, walking, biking or bus*
- ✓ *Explore future BRT and transit, ecopasses, managed parking, 15 minute neighborhoods (improved connections) and other programs with the different landuse scenarios*
- ✓ *Future traffic volumes*



Next Steps

- ▣ Refine scenarios and prepare analysis
- ▣ Explore other tools, models
- ▣ Dec. 10 – TAB
- ▣ Dec.11 - Community workshop
- ▣ Feb (tent.) – study session

Questions

Do you have feedback:

1. To further refine the scenarios
2. Regarding the project timeline or next steps?