

Pedestrian Advisory Committee  
Meeting #4  
3/20/19



## THANK YOU!

---

*Thank you for volunteering on the Pedestrian Advisory Committee to help improve the pedestrian experience in Boulder.*

*“We are all pedestrians”*



## TABLE OF CONTENTS

---

1.	Dinner Activity .....	1
2.	Desired Meeting Outcomes .....	1
3.	Input on Strategies & Actions.....	2
	Draft Strategies .....	2
	Draft Actions .....	4
	Exercise .....	6
4.	Performance Measures .....	7
	Draft TMP Objectives .....	7
	Draft Pedestrian Performance Measures .....	8
5.	Where Should Improvements Go? .....	9
6.	Chat with Councilman Bob Yates.....	10
7.	Project Update .....	11
	Walkabout #3: Winter Wheelchair Walk & Roll (February 6, 2019).....	11
	Other Winter Walk & Bike Week Events (February, 2019) .....	12
	Pedestrian Safety Webinar (February 21, 2019).....	12
	Walkabout #4: Maria Guadalupe (March 18, 2019) .....	13
8.	Next Steps.....	15
9.	Homework .....	15
10.	Meeting Wrap-up.....	15
11.	Public Comment/Notes.....	16

## Attachments

- A. Meeting #3 Summary
- B. Pedestrian Planning Innovation Homework

## USEFUL RESOURCES

---

### PROJECT TEAM CONTACT INFORMATION

#### City of Boulder

Amy Lewin (Project Manager) – [LewinA@bouldercolorado.gov](mailto:LewinA@bouldercolorado.gov)

Noreen Walsh (Senior Transportation Planner) – [WalshN@bouldercolorado.gov](mailto:WalshN@bouldercolorado.gov)

Mike Sweeney (Transportation Operations Engineer) –  
[SweeneyM@bouldercolorado.gov](mailto:SweeneyM@bouldercolorado.gov)

Michelle Melonakis (Transportation Operations Engineer) –  
[MelonakisM@bouldercolorado.gov](mailto:MelonakisM@bouldercolorado.gov)

Samantha Glavin (Communication Specialist) – [GlavinS@bouldercolorado.gov](mailto:GlavinS@bouldercolorado.gov)

Kathleen Bracke (GO Boulder Manager/Acting Co-Director of PW-Transportation)  
– [BrackeK@bouldercolorado.gov](mailto:BrackeK@bouldercolorado.gov)

#### Catalyst, Inc.

Barbara Lewis (Meeting Facilitator) – [catalystbel@comcast.net](mailto:catalystbel@comcast.net)

#### Boulder Walks

Darcy Kitching (Walk2Connect/Boulder Walks Coordinator) –  
[darcy@walk2connect.com](mailto:darcy@walk2connect.com)

### KEY WEBSITES

General Transportation page: [bouldercolorado.gov/transportation](http://bouldercolorado.gov/transportation)

Transportation Master Plan (TMP) page: [boulderTMP.net](http://boulderTMP.net)

Pedestrian Plan page: [bouldercolorado.gov/transportation/pedestrian-system-plan](http://bouldercolorado.gov/transportation/pedestrian-system-plan)

## 1. DINNER ACTIVITY

---

During dinner, please discuss and/or complete your low-stress draft results analysis worksheets:

1. Pair up.
2. If you have already completed your low-stress draft results analysis worksheets, share it with your partner and discuss.
3. If you have not already completed your worksheets, fill it out and discuss it with your partner.
4. Before leaving tonight hand in your worksheet.

## 2. DESIRED MEETING OUTCOMES

---

- Members contribute to the further development of draft strategies, actions, and performance measures
- Members provide input on what this plan will become known for
- Members contribute to the development of the walking encouragement campaign
- Members are informed about recent Pedestrian Plan activities and upcoming events

### 3. INPUT ON STRATEGIES & ACTIONS

#### DRAFT STRATEGIES

The strategies and actions show how we plan to meet our vision and goals. They reflect the strategy brainstorming from PAC meeting #3, as well as additional community input throughout the planning process.

The Pedestrian Plan document will include the strategies and actions with additional background, examples from other cities (including those provided by the PAC), as well as additional considerations that would be helpful for streamlining implementation.

Draft strategies and the Pedestrian Plan goals addressed by each are shown in the table below.

<b>VISION: Everyone enjoys being a pedestrian in Boulder for all types of trips—walking is easy, safe and well-connected.</b>						
<b>#</b>	<b>Ped Plan Strategy</b>	<b>Pedestrian Plan Goal Addressed</b>				
		<b>Safe &amp; Comfortable</b>	<b>Equitable &amp; Inclusive</b>	<b>Vibrant &amp; Inviting</b>	<b>Healthy People &amp; Environment</b>	<b>Connected &amp; Barrier-Free</b>
1	Facilities—Make facilities more pedestrian-friendly. . . a) Along the Street (e.g., sidewalks) b) Crossing the Street (e.g., crosswalks) c) Off-Street (e.g., creek paths)	X	X	X	X	X
2	Maintenance—Repair and maintain pedestrian system to provide safe and comfortable pedestrian facilities (e.g., snow removal)	X		X		X
3	Planning—Adopt a pedestrian-focused approach in transportation and land use		X	X	X	X

<b>VISION:</b> Everyone enjoys being a pedestrian in Boulder for all types of trips—walking is easy, safe and well-connected.						
#	Ped Plan Strategy	Pedestrian Plan Goal Addressed				
		Safe & Comfortable	Equitable & Inclusive	Vibrant & Inviting	Healthy People & Environment	Connected & Barrier-Free
	planning and implementation (e.g., Vision Zero/safety)					
4	Design—Design for quality and comfort for all pedestrians (e.g., accessibility)	X	X	X		X
5	Safe Travel—Promote safe travel behavior by all transportation users (e.g., education, enforcement)	X		X		
6	Awareness—Raise awareness about the benefits of and opportunities for walking (e.g., education, encouragement)	X	X		X	
7	Community—Strengthen community identity and belonging through pedestrian-focused places and programs (e.g., Play Street Pilot Program)		X	X	X	

**DRAFT ACTIONS**

The draft actions below include the specific tasks to achieve the strategies. In the Plan these will be assigned to different categories of timing for implementation (e.g., near-term, mid-term, and long-term).

Strategy	#	Action
<b>1. Facilities—Make facilities more pedestrian-friendly. . .</b>		
<b>. . .along the street (a)</b>		
	1a.1	<b>New sidewalks</b> —Construct for all ages and abilities with separation from vehicles and bicycles, where possible
	1a.2	<b>Existing sidewalks</b> —Upgrade for ADA compliance and with separation from vehicles and bicycles, where possible
	1a.3	<b>Driveways</b> —Consolidate where possible and design to be more pedestrian-friendly (e.g., slower vehicle speeds, consistent level for sidewalk surface)
<b>. . .crossing the street (b)</b>		
	1b.1	<b>New crossings</b> —Construct for all ages and abilities at key locations that facilitate access to key destinations
	1b.2	<b>Existing crossings</b> —Make enhancements for comfort and safety, per Boulder Safe Streets Vision Zero Action Plan
	1b.3	<b>Intersections</b> —Continue to implement and assess the effectiveness of intersection/signal timing practices that facilitate pedestrian movement (e.g., pedestrian head starts, protected left-turns, No Right Turns on Red)
	1b.4	<b>Pedestrian Crossing Treatment Installation Guidelines</b> —Review and refine per best practices and assessment of effectiveness of crossing treatments
<b>. . .off-street (c)</b>		
	1c.1	<b>New off-street paths</b> —Build out Greenways system
	1c.2	<b>Existing off-street paths</b> —Reduce conflicts between pedestrians and cyclists on greenways
	1c.3	<b>Site design</b> —Make developments, including parking lots/structures, more pedestrian-friendly
	1c.4	<b>Alleys</b> —Implement alley beautification program
<b>2. Maintenance—Repair and maintain pedestrian system to provide safe and comfortable pedestrian facilities</b>		
	2.1	<b>Repair (sidewalks, crossings, ramps, multi-use paths, greenways)</b> —Refine and enhance program to repair pedestrian facilities
	2.2	<b>Snow removal (sidewalks, crossings, ramps, multi-use paths, greenways)</b> —Refine and enhance snow removal on pedestrian facilities
	2.3	<b>Vegetation blockages (sidewalks, multi-use paths, greenways)</b> —Ensure pedestrian facilities are clear from vegetation obstructions



Strategy	#	Action
	2.4	<b>Parking blockages (sidewalks)</b> —Ensure pedestrian facilities are not blocked by parked vehicles (e.g., car ends protruding onto sidewalk space)
<b>3. Planning—Adopt a pedestrian-focused approach in transportation and land use planning and implementation</b>		
	3.1	<b>Vision Zero/safety</b> —Implement Vision Zero Action Plan (key related topics: address high-severe injury locations, pedestrian-related crashes, speed-related crashes, left-turn-related crashes, age-related crashes, other common crashes; improve comfort and security)
	3.2	<b>Traffic calming</b> —Incorporate additional innovative treatments to reduce traffic speeds in neighborhoods through the Neighborhood Speed Management Program (NSMP)
	3.3	<b>Innovation</b> —Employ new technologies that support safety, access, and an understanding of pedestrian behavior (e.g., automatic detection of pedestrians)
	3.4	<b>Multimodal planning</b> —Provide strong connections between walking and other modes ("walk extenders")
	3.5	<b>Integrated transportation and land use planning</b> —Promote and support walking and 15-min neighborhoods in citywide and subcommunity planning
	3.6	<b>Safe Routes to School (SRTS)</b> —Continue to partner with BVSD to support walking to/from school
<b>4. Design—Design for quality and comfort for all pedestrians</b>		
	4.1	<b>Accessibility</b> —Improve accessibility for all abilities
	4.2	<b>Buffers and amenities</b> —Provide additional pedestrian buffers and amenities (e.g., benches, drinking fountains)
	4.3	<b>Wayfinding</b> —Develop coordinated pedestrian wayfinding system
	4.4	<b>Green landscaping</b> —Promote and maintain green infrastructure/landscaping in the right-of-way
	4.5	<b>Lighting and illumination</b> —Provide more pedestrian-scale lighting at key locations
	4.6	<b>Personal security</b> —Provide call boxes and other amenities that improve sense of personal security
	4.7	<b>Art</b> —Provide more public art
	4.8	<b>Clear walkways</b> —Reduce encroachments from other objects (e.g., bikes, patios, etc.)
<b>5. Safe Travel—Promote safe travel behavior by all transportation users</b>		
	5.1	<b>Education</b> —Expand education on rules of the road
	5.2	<b>Enforcement</b> —Enforce rules of the road for everyone
<b>6. Awareness—Raise awareness about the benefits of and opportunities for walking</b>		
	6.1	<b>Education/Encouragement</b> —Expand walking programs and event offerings
	6.2	<b>Pedestrian conference</b> —Reestablish Pedestrian Conference

Strategy	#	Action
	6.3	<b>Evaluation</b> —Establish evaluation program to generate data on walking behavior
<b>7. Community—Strengthen community identity and belonging through pedestrian-focused places and programs</b>		
	7.1	<b>Play streets</b> —Establish Play Street Pilot Program
	7.2	<b>Car-free areas</b> —Explore opportunities for additional car-free areas (e.g., plazas, pedestrian malls)
	7.3	<b>Underrepresented communities</b> —Foster relationships with typically underrepresented communities

## EXERCISE

### Part 1: Strategy/Action Refinement and Headline Development (in pairs)

1. Pair up
2. Review the strategies and actions
3. Discuss any suggested refinements and what the strategies and actions suggest this plan will be known for
4. Post any suggested refinements to strategies/actions on sticky notes
5. Create three headlines to capture what the strategies and actions suggest this plan will be known for and write on slickies for posting

### Part 2: Review/share (individually)

1. Walk around and review the refinements and headlines proposed by the group
2. Put a dot by the headline that is most important to you
3. Add to the refinements as you see fit
4. We will report out and discuss as a group

## 4. PERFORMANCE MEASURES

---

### DRAFT TMP OBJECTIVES

01	By creating high-quality travel choices, reduce vehicle miles of travel (VMT) in the Boulder Valley by 2035: -Overall: by 20 percent -Daily resident VMT: to 7.3 miles per capita -Non-resident one-way commute VMT: to 11.4 miles per capita
02	Reduce GHG emissions by 16 percent by 2035 and continuously reduce mobile source emissions of other air pollutants
03	Increase walking, biking, and transit to 80 percent of all trips for residents and to 40 percent of work trips for non-residents
04	Maintain predictable & reliable travel time on Boulder arterial streets
05	Expand fiscally-viable transportation options for all Boulder residents and employees, including children, older adults and people with disabilities
06	Increase transportation alternatives commensurate with the rate of employee growth
07	"Vision Zero": eliminate fatal and serious injury crashes and continuously improve safety for all modes of travel
08	Increase the share of residents living in complete neighborhoods to 80 percent

**DRAFT PEDESTRIAN PERFORMANCE MEASURES**

Draft performance measures and the Pedestrian Plan goals addressed by each are shown in the table below. The performance measures were chosen based on best practices, the feasibility of collecting the data consistently and regularly, and a review of the plan goals.

#	Ped Plan Performance Measure	Pedestrian Plan Goal Addressed				
		Safe & Comfortable	Equitable & Inclusive	Vibrant & Inviting	Healthy People & Environment	Connected & Barrier-Free
1	Number of pedestrian fatalities and serious injury collisions (from Safe Streets Vision Zero analysis)	X				
2	Ease of walking (from Citizen Survey)	X	X	X		X
3	Mode share (percentage of trips made on foot as measured in the Boulder Household Travel Survey)	X	X	X	X	X
4	Pedestrian activity (number of pedestrians in selected count locations as part of new count program)	X	X	X	X	

**Question**

- Based on the previous exercise, do we need to consider adding any performance measures?

## 5. WHERE SHOULD IMPROVEMENTS GO?

---

We want your input on where some of the key actions should be implemented, including:

- Low-Stress Access to Destinations (Action 1b.1)
- Alley improvements (Action 1c.4)
- Public art (Action 4.7)
- Play Streets (Action 7.1)

### **Question**

Where should these specific improvements be implemented? On the map at your table:

- Put dot for low-stress crossing improvements
- Put sticky notes re: alleys, art, Play Streets with type, location, and any helpful comments

## 6. CHAT WITH COUNCILMAN BOB YATES

---



Bob Yates was elected to the City Council in November 2015, continuing his full-time service to the Boulder community that began with his retirement as Senior Vice President of Level 3 Communications on his 50th birthday in 2011.

Bob's recent newsletter article on walking:

<https://mailchi.mp/9711c6444e01/mvqyb9788ey-1096553?e=f3c759be6d>

### **Question**

How do we encourage more people to walk in Boulder?

## 7. PROJECT UPDATE

---

Here are some highlights of what we've done since the January 17 meeting:

### WALKABOUT #3: WINTER WHEELCHAIR WALK & ROLL (FEBRUARY 6, 2019)



The weather delivered for a genuine experience of what it's like to go by wheelchair in the snow at the "Winter on Wheels" walk and roll event on the afternoon of Wednesday, February 6. Even with an active snowstorm, 18 people still made it to the main library to try out wheelchairs and learn about the lived experience of using a wheelchair every day from PAC

member Craig Towler and Topher Downham of the City of Boulder Open Space & Mountain Parks Department.

The group used Topher's scavenger hunt list to attempt activities like going to the bathroom, buying a coffee, riding in the elevator, looking up and checking out a book, and going up and down ramps inside the library. It was an eye-opening experience, especially for those who took the wheelchairs outside in the fresh snow!



Participants said:

- "Doing this helps me fill in some blind spots in my experience."
- "I kept getting stuck!"
- "I know I have 24 hours to shovel my sidewalk, but wow, half an inch of snow makes it really hard to move in a wheelchair."
- "You need like six different chairs for different conditions!"

*Big thanks to Craig for sharing his experience on this wonderful walk and roll, and to PAC members Brent Halsey, Amy McCormick, and Paul Wallick for attending.*

## OTHER WINTER WALK & BIKE WEEK EVENTS (FEBRUARY, 2019)

Boulder Walks hosted two other events during Winter Walk and Bike Week: a Pearl Street Sip & Stroll with Boulder's new café-based reusable mug



organization, Vessel; and our annual LoBo Trail Choose Your Own Adventure Ramble, a 17-mile urban hike from Longmont to Boulder. The Pearl Street walk happened on Winter Bike to Work Day, when temperatures stayed in the single digits all morning. Nonetheless, nine people came out to learn about the Vessel system and walk together from Boxcar Coffee Roasters to Trident Café, enjoying treats from Patagonia and sampling breakfast stations along the way. The LoBo Trail event attracted more than 30 people throughout the day, joining in at any of four starting points. The weather warmed up and we enjoyed clear skies and plenty of sunshine for our all-day ramble.

## PEDESTRIAN SAFETY WEBINAR (FEBRUARY 21, 2019)

PAC members and applicants attended a webinar on pedestrian safety, which included background on the city's comprehensive Vision Zero travel safety program, the latest results from the Safe Streets Vision Zero analysis, and an introduction to the Low-Stress Walk Network analysis. The webinar presentation is available [here](https://bouldercolorado.gov/transportation/pedestrian-system-plan) (accessed at: <https://bouldercolorado.gov/transportation/pedestrian-system-plan> under PAC Meeting Materials).

*Big thanks to PAC members Brent Halsey, Amy McCormick, Ann Moss, Paul Wallick for attending this event!*



## WALKABOUT #4: MARIA GUADALUPE (MARCH 18, 2019)

Our Walking for Transportation Walkabout on Monday, March 18, highlighted the experience of one member of our community who exclusively walks, bikes and



uses public transportation to get around Boulder with her four children, who range in age from 4 to 16 and attend three different schools. Maria Guadalupe Martinez is a true active transportation expert!

A group of 12 (four children and eight adults) gathered at Columbine Elementary School at

the end of the school day to accompany Maria Guadalupe and her son Eduardo and daughter Vicky on their walk home. Angela Ortiz interpreted for the group, as Maria Guadalupe speaks Spanish most comfortably. Maria Guadalupe pointed out some of her favorite things on this walk: trees that bear plums and apples in the fall; a front-yard swing her children like to play on; the inviting and open Growing Gardens property, where surplus vegetables are often given away by gardeners at harvest time; the wildlife (including a rabbit, spotted by Vicky!) and art around people's houses. Read Maria Guadalupe's story of walking to connect with nature and her children on [Be Heard Boulder, here](#).

Some insights:

- A new pedestrian crossing at 19<sup>th</sup> and Glenwood would greatly help families like Maria Guadalupe's, who walk from the neighborhoods west of the school. The current traffic signals are at least one block away on either side of Glenwood.
- Practical walking routes with good wayfinding signage are particularly important for people like Maria Guadalupe to get to grocery stores, schools and health care facilities. Beautiful and nature-rich routes are most desirable and motivating.

- Plowing/shoveling sidewalks after snowstorms is important. Sometimes, Maria Guadalupe and her children have to walk in the bike lanes (which are plowed as part of the street) if the sidewalks are snow-covered and icy.



- It's not always easy for members of our community to take the bus. Maria Guadalupe and her family can't afford to participate in her community's EcoPass program, and she doesn't use a smartphone (or any type of cellphone). She often has difficulty communicating with bus drivers and finding her way.
- Parents with children at different schools and after-school programs particularly need easy and low-stress transportation choices.

*Big thanks to PAC member Amy McCormick for attending this event!*

## 8. NEXT STEPS

---

Date	Event Type	
March 21	Open House	Transportation Master Plan Open House
April 4	Open House	Citywide Open House (What's Up Boulder) Boulder JCC
April, May, June <i>dates TBD</i>	Walkabouts	Additional walkabouts (open to public)
May <i>date TBD</i>	Meeting #5	Low-Stress Walk Network/15-minute Neighborhood (tentative)
Summer <i>date TBD</i>	Meeting #6	Draft Plan and Celebration

## 9. HOMEWORK

---

1. **Headlines**—send in any other ideas re: headlines by March 31.
2. **March 21 Open House, April 4 Open House**—1) sign up to participate; and/or 2) help spread the word; we will send you information when available.
3. **Extra Credit:** Choose one day and do a trip diary (we will provide the form or download the app “Boulder Travel Survey” by DVMobile). Assess if you might be able to shift one vehicle trip to walking, biking, or transit. How long would it take? What would you need? If you don't have any vehicle trips, what would you like to share with the community about what it takes to walk, bike, and take transit regularly? Send in your form and answers to the questions to [lewina@bouldercolorado.gov](mailto:lewina@bouldercolorado.gov) by April 7.

## 10. MEETING WRAP-UP

---

Share your thoughts on how this meeting went.

# 11. PUBLIC COMMENT/NOTES

---

# PEDESTRIAN ADVISORY COMMITTEE

## MEETING #3 SUMMARY

THURSDAY, JANUARY 17, 5:30 – 8P



**PRESENT**

Amy McCormick  
Ann Moss  
Brent Halsey  
Craig Towler  
Diane Denenberg  
Hugh Bell  
Lisa White  
Mark Rosenstein  
Nora Schlosser  
Spenser Havlick  
Tila Duhaime (TAB)  
James Krolick  
Randi Grassgreen  
Paul Wallick

**ABSENT**

Jennifer Nicoll (TAB)  
Robyn Kube  
Yoav Lurie  
Alicia Halbeg  
Sarah Massy-Warren

**STAFF & CONSULTANTS IN ATTENDANCE**

Barbara Lewis, Meeting Facilitator (Catalyst, Inc.)  
Amy Lewin, Project Manager (City of Boulder)  
Frances Rasker, Program Coordinator (City of Boulder)  
Melanie Sloan, Transportation Planner (City of Boulder)  
Darcy Kitching, Boulder Walks Coordinator  
(Walk2Connect)

**MEETING HANDOUTS**

- Meeting #3 packet

**AGENDA**

---

1. Dinner Activities/Introductions
2. Desired Meeting Outcomes
3. Input on Strategies
4. Project Update
5. Next Steps
6. Homework
7. Meeting Wrap-up

Committee members were provided a meeting packet with information that served as a tool to help guide participants through the information presented in the agenda above.

## 1. DINNER ACTIVITY/INTRODUCTIONS

---

### DINNER ACTIVITY

During dinner, PAC members discussed their walking story with another PAC member or completed their own walking story.

### INTRODUCTIONS

Amy kicked off the meeting and asked Tila to say a few words about the last Transportation Advisory Board (TAB) meeting in December where Amy gave a presentation about the Pedestrian Plan and the draft Vision and Goals.

Tila emphasized the importance of this committee and all the other committees in the city that strive to create a more walkable and bikeable city. The PAC shows that there are real concerns about being a pedestrian in Boulder. Tila confirmed that TAB is listening to the PAC members and that City Council is relying on TAB's work when they make decisions about our cityscape.

Amy asked all PAC members to introduced themselves and tell the group where they spent their holidays.

Afterward Amy asked PAC members who did the extra credit homework (i.e., read the History of Transportation report) to add their thoughts on post-its on the flipchart in the room.

## 2. DESIRED MEETING OUTCOMES

---

Barbara highlighted the desired outcomes (see below) to the group and went over the agenda for the meeting.

Desired outcomes for meeting #3:

- Members contribute to the development of draft strategies and actions
- Members are informed about recent Pedestrian Plan activities and upcoming events

### 3. INPUT ON STRATEGIES

---

Amy explained that the final vision and goals were established based on input from the last meeting and refined after public input during TAB.

PAC Questions/Responses:

- How are you going to share the goals with engineers? Response: Engineers are part of the project team and will receive all PAC materials.
- Will you be looking at other peer cities as well? Response: Yes, absolutely. Staff has been looking at various Pedestrian Plans and ideas from other cities. We brought plans from three cities (Seattle, Denver and Santa Monica) to this meeting that we think are great example cities. Portland is also updating their Pedestrian Plan and we have been in contact to learn from them. We also brought Walkable City Rules by Jeff Speck as inspiration for this meeting.
- Is there anything we are doing that other cities are not yet doing? Response: Boulder might look similar to other peer cities but what makes us stand out it that we have adopted Vision Zero and we have a strong climate commitment.
- Will you have any measurable goals? Response: Yes, we are looking into the most appropriate ways to measure our goals and will probably have a few key measures. We will touch upon this a bit more in the webinar about pedestrian safety.
- 

#### EXERCISE

Barbara explained part one of the strategy exercise.

*THINK:* PAC members first brainstormed for five minutes on their own about different strategies to achieve the goals and wrote these ideas on sticky notes.

*PAIR:* They then paired up with another member to collectively pick their top five goals.

*SHARE:* Each pair then shared their top five goals with another pair and were asked to place each strategy on the boards under the most appropriate goal.



After the PAC member placed their strategies on the boards Barbara explained part two of the exercise:

*PICK*: PAC members were asked to pick one goal that most interest them and to go stand at the board with that goal.

*CLUSTER*: PAC members were handed different topics that staff had prepared based on public input and were asked to organize the strategies by organizing them by topic. PAC members could add new topics using the slickies that were provided.

Each group was then asked to add any other ideas that they thought were missing. This could be an idea that they had writing down initially, an idea from



the list of comments from the public that staff had received through online engagement tools and in-person events, or a new idea.

Each group was then asked to report out to the whole group by summarizing what was on their board.

After the report out, PAC members were able to do a gallery walk to review other goal areas, suggest refinements and/or add other ideas.

## POST-IT COMMENTS FOR EACH GOAL

### **Goal: Safe and Comfortable**

#### *Crossing the Street*

- Use of more flashing yellow lights at zebra crossings. Don't make them hard to add if neighborhoods want them.
- Enforce violations of the flashing crosswalks
- Ped-recognizing proactive crosswalks

#### *Maintenance*

- Leveling of sidewalks in highly trafficked areas
- Reduce the number of curb cuts
- Remove physical barriers—leveling, snow, branches
- Snow off sidewalks
- City program reimburses people for shoveling snow/ice on other's property

#### *Personal Security*

- Improve visibility and lighting
- More and more imaginative lighting in pedestrian underpasses that interact with the people walking through
- Remove traffic lanes on non-arterial roads to slow & humanize streets
- Promote visible clothing for night-time walking
- Focus on school areas
- Panhandling areas defined & enforcement
- Focus on transit areas

#### *Education*

- Define terms—what makes a place safe?
- Educate students to look up, make eye contact
- Demonstrate need—show how we're not here yet
- Ghost bikes for pedestrians—paint outlines where pedestrians have been hit

*Interaction with Bicycles*

- Enforce existing laws
- If bikes and pedestrians/rollerbladers are sharing, make sure sidewalk is wide enough
- Inform users of all modes of rights & responsibilities

*Interaction with Vehicles*

- All mode separation
- Speed reduction for cars
- More severe raised sidewalks
- Shared streets
- Enlarge Pearl Street Mall (E, W, N, S) & create new pedestrian areas
- Separation of sidewalk from road, where possible & vegetation/landscaping
- Safe & comfortable—reduce road speeds & width of roads
- Separated right turns

**Goal: Equitable and Inclusive**

*Default mode is Walking/Normalize Walking*

- Car free Sundays to start to change car culture
- Make Play Streets
- Frequent, Fast & Free Bus Service
- Make it easy for all
- Explicitly plan for 15-min neighborhoods even if it means introducing mixed use areas

- Land Use—Produce more concentrated density & mixed use to create 15-min neighborhoods

#### *ADA*

- Equitable—make city accessible—create more for all—handicapped spaces especially downtown & short-term drop off—make city accessible for all
- Create mid-block crossing that has excellent site distance for safety, yet are attractive (art, flowers)
- Equitable—Create curb cuts that work during icy, wet weather
- Enforce snow shoveling in 24 hours
- At traffic light crossings, make “walking man” time to cross for a child or senior—not a healthy middle-aged man
- Pedestrian head start & different paving treatments in crosswalks to slow & alert motorists of Ped-X zone
- Use technology for ADA—e.g., help blind people cross and find their way at intersections

#### *Tailor to all Neighborhoods*

- Use more flashing yellow lights at zebra crossings. Don’t make them hard to add if neighborhoods want them
- Increase small retail bodegas inside of neighborhoods
- Base metrics on things other than existing pedestrian traffic—density, age, schools
- Put a full grocery store in North Boulder so people there can walk to it
- Addition of sidewalks where they are currently absent & necessary

#### *Affordability*

- Change building code to allow infill/mixed use/commercial and residential uses
- Seek out partners—affordable housing, ethnic groups, non-profit
- Focus on affordable housing & density to increase equity & inclusiveness
- Accessibility through property
- Connect trails into and through low-income communities/housing
- Tax initiatives for parking reductions commercial and residential

## **Goal: Vibrant and Inviting**

### *Public Gathering Places*

- Focus on neighborhoods
- Safe & Comfortable—Create more parklets & plazas at key places along walkways
- Start small and expand out
- Enlarge Pearl Street Mall and create new pedestrian areas

### *Land Use*

- Parking tax for employees
- Provide appropriate density & mix use/ diversity for 15 min neighborhoods
- Fewer cars: congestion pricing
- Fewer cars: make green space—remove spaces and charge for parking on public space
- Land use revisions
- Fewer offices at street level—retail, restaurants, bars, art galleries instead!

### *Playful/Fun*

- Make play streets
- More interactive & fun, education, use technology
- Incentivize/reduce restrictions on patios in commercial districts

### *Street & Walkway Design & Amenities*

- More lighting- more imaginative lighting that doubles as public art
- Close streets on at least one Sunday per month to traffic (e.g., Ciclovía)
- Provide detached sidewalk with landscaping separating walks from road-beautification with art
- Wide inviting paths to schools and popular destinations
- If bikes & pedestrians/rollerbladers are sharing, make sure sidewalk is wide enough
- Safety by space

### *Art & Aesthetics*

- Walking Tours/History Tours—self-guided or by group

- Public art—scattered between walkable destinations
- Better night lighting

### **Goal: Healthy People and Environment**

#### *Environmental Awareness*

- Encourage businesses to reward customers who arrive by alternate transportation
- Deter car usage through taxing- use technology so Boulder roads are toll roads

#### *Social Connectedness*

- Seek/promote strategic partnerships—corporate, non-profits

#### *Access to Recreational Opportunities*

- (Also, Social Connectedness) Make play streets—close off street to through traffic to allow people to play in the street
- Recreation—convenient—bus shuttles to trail heads

#### *Health Benefits Education*

- Foster walking groups & events
- Metrics for air quality
- “Ped Pals” Walk with someone on phone

### **Goal: Connected and Barrier-free**

#### *Technology*

- Use more flashing yellow lights at zebra crossings. Don't make them hard to add if neighborhoods want them.
- Auto detection of pedestrians & cyclists at lights, signals & blinking light
- Safe and comfortable- Make intersections work well for pedestrians- (signals, crosswalks, eyebrows, medians, etc.)
- Always prioritize pedestrians @ intersections & crosswalks—signaling, order, infrastructure, etc.

### *Complete Network*

- Direct paths through neighborhoods to not have to walk on busy streets
- Connected- enforce consistency- re: striping and crosswalk signals- if one side/direction of street intersection, should be on all sides
- Prioritize walking corridors & create direct pathways
- Make sure there's a well-connected system to get to all locations (still gaps) in each neighborhood

### *Remove Barriers*

- Repair sidewalks
- Remove traffic lanes on non-arterial streets to slow & humanize streets
- Remove physical barriers. Leveling, snow, branches
- Lane/right-of-way reclamation—widening sidewalks & narrowing streets- people first!
- Consider innovative infrastructure like pedestrian bridges and/or underpasses

### *Connections to other modes*

- Wayfinding connection with other modes (e.g., bus stop in two blocks!)
- Protected bike and scooter lanes everywhere so they don't need the sidewalks
- Publish alternative transport: sample routes with popular origination/destinations
- Bus shelters for pedestrians (schedules, too!)

### **Other**

- Choose a pedestrian poster child each month in Boulder
- Build strong public/city council for pedestrian focus
- Map all 15-minute neighborhoods, see where need to concentrate
- Staff resources for snow/ice/debris removed on sidewalks and pathways
- Implement all rules in Walkable City Rules book
- Provide options in bad weather

- Prioritize
- Decide on a starting point–timeline
- Where are we now–ADA audit etc.?
- Study each neighborhood–way to key destinations. Create strong desire lines/safe/inviting pathways to those places.
- Total interconnected bike, walk, transit

Amy ended the exercise by explaining that staff will take all the strategies and will find the best way to document and structure them for inclusion in the plan.

## 4. PROJECT UPDATE

---

This section highlights what project progress since the November 8 meeting. Amy asked PAC members to review this project update section on their own.

PAC members are also asked to review the meeting notes from meeting #2 and email any changes to Amy.

## 5. NEXT STEPS

---

Amy explained that there a lot of upcoming events that PAC members might be interested in (see list below).

- Ann highlighted and explained the upcoming documentary *The World Before Your Feet*, and Darcy mentioned that she is leading a walk from Pizzeria Locale to the Dairy Arts.
- Darcy highlighted all the walks during Winter Walk and Bike Week including the next walkabout which will be led by PAC member Craig Towler and will give everyone a chance to experience navigating the city in a wheelchair.
- Frances highlighted the Bicycle Friendly Driver training.
- Amy explained that the date of the next meeting is still to be determined because there is already a TMP open house scheduled on March 21 and Citywide open house on April 4.

The next meeting will touch upon the Low-Stress Walk and Bike Network.



Date	Event Type	
January 24	Documentary + Walk	<a href="#">The World Before Your Feet</a> at the Boedecker Theater, Boulder
February 4-10	Walking/Biking events	<a href="#">Winter Walk and Bike Week</a>
February 6	Walkabout #3	<a href="#">Winter Wheelchair Walk &amp; Roll</a> led by PAC member Craig (open to public)
February 12	Training	Bicycle Friendly Driver Training (Free 90-minute training)
February 21	Webinar	Pedestrian Safety (Safe Streets data review and action items)
March 21	Open House	Transportation Master Plan open house
March/April <i>date TBD</i>	Meeting #4	Updated strategies and actions; performance measures; Low-Stress Walk Network development ( <i>tentative</i> )
March/April/May <i>dates TBD</i>	Walkabouts	Additional walkabouts (open to public)
April 4	Open House	Citywide Open House (What's Up Boulder) Boulder JCC
May <i>date TBD</i>	Meeting #5	Draft Plan & Celebration

#### PAC Questions/Responses:

- How do you determine if something is low-/high-stress? How did you get the data? Response: With more time we will take a deeper dive on this at future events. We are still testing and developing the model at the moment.
- Is it developed in-house? Response: A consultant is helping us develop a model that is customized to Boulder.
- Have we identified 15-minute neighborhoods? Response: We have a model that calculates the accessibility score. Some areas have higher scores than others. We will talk about it more next time.
- Is it the same as the Walkscore? Response: Similar idea but a different score.

Amy explained that councilmember Bob Yates is interested in joining our next meeting to talk about a walking campaign.

## 6. HOMEWORK

---

Amy briefly explained the homework for the next time.

1. **Prep for February 21 Webinar**—review [Vision Zero TAB presentation](#)
2. **March 21 Open House**—1) sign up to participate; and/or 2) help spread the word; we will send you information when available
3. **Extra Credit:** Research innovation in pedestrian planning in Pedestrian Plans from other places or other documents and send in at least one new idea

## 7. MEETING WRAP-UP

---

No public comments were given during this meeting.

Amy thanked everyone for attending.

## 8. EXTRA CREDIT: HISTORY OF TRANSPORTATION REVIEW

---

### From Paul and Brent:

- A. Key takeaways related to the pedestrian experience/projects:
  - Boulder was more innovative in active transit 20-30 years ago (ped conference, greenways, bike lanes)
  - Concerns of more dangerous traffic go back a long time
  - 1996 TMP Goal of 25% SOV trips still not achieved
  - Boulder always wanted shared spaces
- B. What inspires you for the next 20 years?
  - Boulder has the right mindset for sustainable transit. We just need to innovate and make some sacrifices to achieve them.
  - If we use technology properly, we can shift transit to be more sustainable

- GHC emissions alarm clock
- Continue with the original Boulder Vision

## PEDESTRIAN PLANNING INNOVATION HOMEWORK RESPONSES

---

***Thanks to Alicia and Amy for your contributions!***

.....

I attended a webinar on pedestrian infrastructure planning last week for some AICP CM credits. The webinar included some interesting matrices that pinpoint when different types of ped infrastructure should be used given the goals of the project or the crash load ([http://pedbikesafe.org/PEDSAFE/matrix\\_objectives.cfm](http://pedbikesafe.org/PEDSAFE/matrix_objectives.cfm)). It sparked an interesting conversation at my office, where we're considering pursuing grants to fund a corridor study for downtown Evergreen (which has truly terrible ped infrastructure, no bike infrastructure, and parking issues to boot!), because a lot of this seems dependent upon fatalities or collisions already having occurred, and we would rather be more preventive! We don't want to wait for somebody to die in order to improve infrastructure, that feels irresponsible.

-Alicia

.....

#1 - check out this article; specifically the fines for drivers not yielding to pedestrians. Are Boulder drivers fined for not yielding to pedestrians? I think they should be. Has anyone considered cameras at crosswalks (similar to cameras catching drivers who run red lights)? I also really like the idea of laser sensors at crosswalks to detect pedestrians.

<http://www.pedbikeinfo.org/data/library/details.cfm?id=2880>

#2 - the thing I find fascinating in this article is the pedestrian safety enhancements available in cars driven in Europe. Could Boulder include special rebates (similar to the electric car program) for cars equipped with pedestrian safety devices?

<https://www.cnbc.com/2019/02/23/new-technology-shows-promise-reducing-pedestrian-fatalities.html>

#3 - I would love Boulder to adopt a road user charge to help motivate drivers to bike or walk - in addition, funds generated by the program could be put back into bike/walk/bus improvements.

<https://www.smartcitiesdive.com/news/cities-replacing-gas-tax/550266/>

#4 - congestion pricing - lots of articles if you google news stories about it -

<https://www.nydailynews.com/new-york/ny-metro-congestion-pricing-other-countries-20190314-story.html>

<https://theconversation.com/are-traffic-clogged-us-cities-ready-for-congestion-pricing-90814>

#5 - another article about car tech that could save pedestrian lives -

<https://www.usatoday.com/story/money/cars/2018/06/28/pedestrian-deaths-car-technology/646543002/>

#6 - tweets from Boulder Ramblers -

<https://bigthink.com/politics-current-affairs/free-public-transportation-luxembourg?rebelltitem=3#rebelltitem3>

<https://www.npr.org/sections/health-shots/2019/02/25/697788559/greener-childhood-associated-with-happier-adulthood>