



## **HYBRID MEETING INSTRUCTIONS FOR THE CTAB MEETING ON AUGUST 22, 2022**

- You can provide input/public comment for this meeting by emailing your comments to Valerie Ramirez-Elizalde ([valerie.ramirez-elizalde@greeleygov.com](mailto:valerie.ramirez-elizalde@greeleygov.com)), or by calling (970) 350-9282 to provide your comments
- You can attend the meeting at 2<sup>nd</sup> Floor Colorado Conference - 227, of City Center South, 1001 11<sup>th</sup> Avenue in person; or
- To view the meeting and/or participate remotely in real-time, email Valerie Ramirez-Elizalde ([valerie.ramirez-elizalde@greeleygov.com](mailto:valerie.ramirez-elizalde@greeleygov.com)) before the meeting begins to receive the log-in credentials. Instructions on how to access and participate in the remote meeting will be provided at that time.

**CITIZEN TRANSPORTATION ADVISORY BOARD**  
**A G E N D A**  
**Monday, August 22nd, 2022**  
**3:00 PM – 4:30 PM**

**HYBRID MEETING**

**(See instructions on the previous page regarding how  
to view/participate in this remote meeting)**

3:00 PM	I. CALL TO ORDER & INTRODUCTIONS	
3:00 - 3:05	II. APPROVAL of July 2022 minutes	
3:05 - 3:10	III. CHANGES TO THE AGENDA AND ANNOUNCEMENTS	
3:10 - 3:15	PUBLIC COMMENT	Public
3:15 – 3:45	IV. Transportation Master Plan Update/Next Steps	Paul Trombino
3:45 – 4:15	Draft 5-Year Capital Improvement Program	Paul Trombino
4:15 – 4:20	Local City Pedestrian and Bicycle Ordinance	Paul Trombino
4:20 - 4:30	Propose September 2022 Agenda Items and Roundtable	All
4:30PM	V. Adjourn	All



# Greeley on the Go- Transportation Master Plan

**Goal: Provide a framework for transportation investments and priorities in Greeley over the next 20 years**

***Vision statement: Greeley on the Go - An ample, easy, and connected transportation system providing seamless mobility to enrich lives and promote economic vitality.***

# Agenda



**Where we are**



**Transportation  
Alternatives**



**Draft Priorities  
and Project  
Categories**

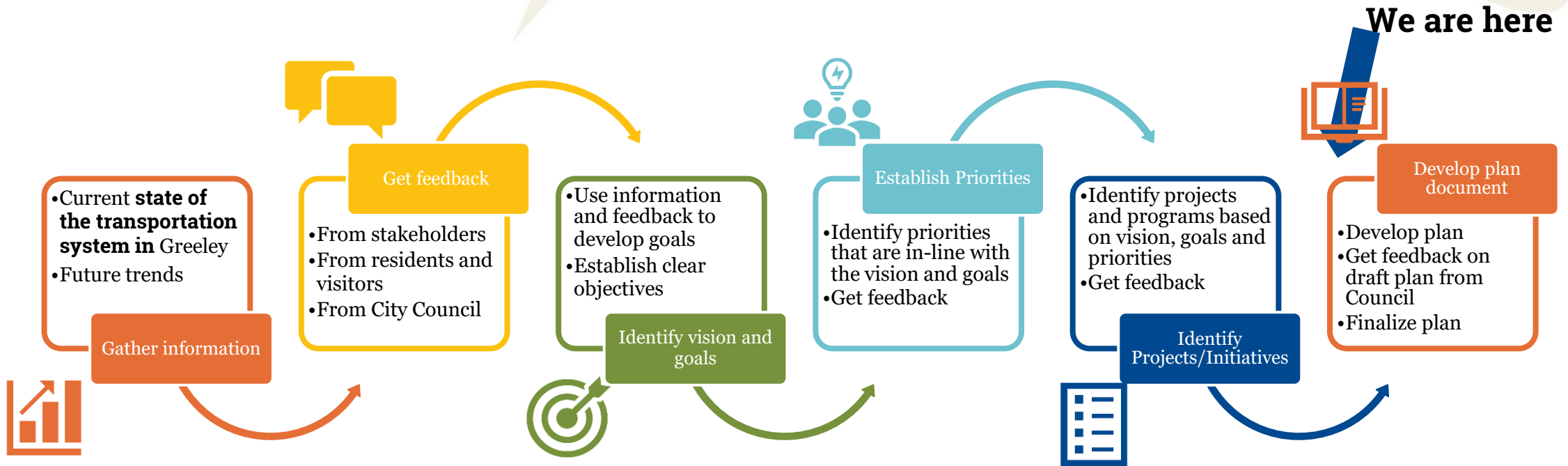


**Mobility  
Direction**

# Agenda:

- **Gather feedback on:**
  - **The transportation alternative “Transportation for Quality of Life”**
  - **Transit shift towards mobility**
  - **Draft priorities map**
  - **Project categories**
  - **Street Criteria**
- **TMP Progress updates:**
  - City Council meetings: August 10, 2021; January 25, 2022, May 24, 2022**
  - Final Draft Plan Public Comment September 5<sup>th</sup> – 26<sup>th</sup>**
  - Final Draft TMP on City Council Agenda October 18, 2022**

# Plan Process



# Transportation Alternatives

## Alternative I:

*High Investment in Vehicle Capacity*

- Lower travel time and minimal delays at intersections
- High levels of investment in vehicle infrastructure

## Alternative II:

*Multimodal Investment for Community Placemaking*

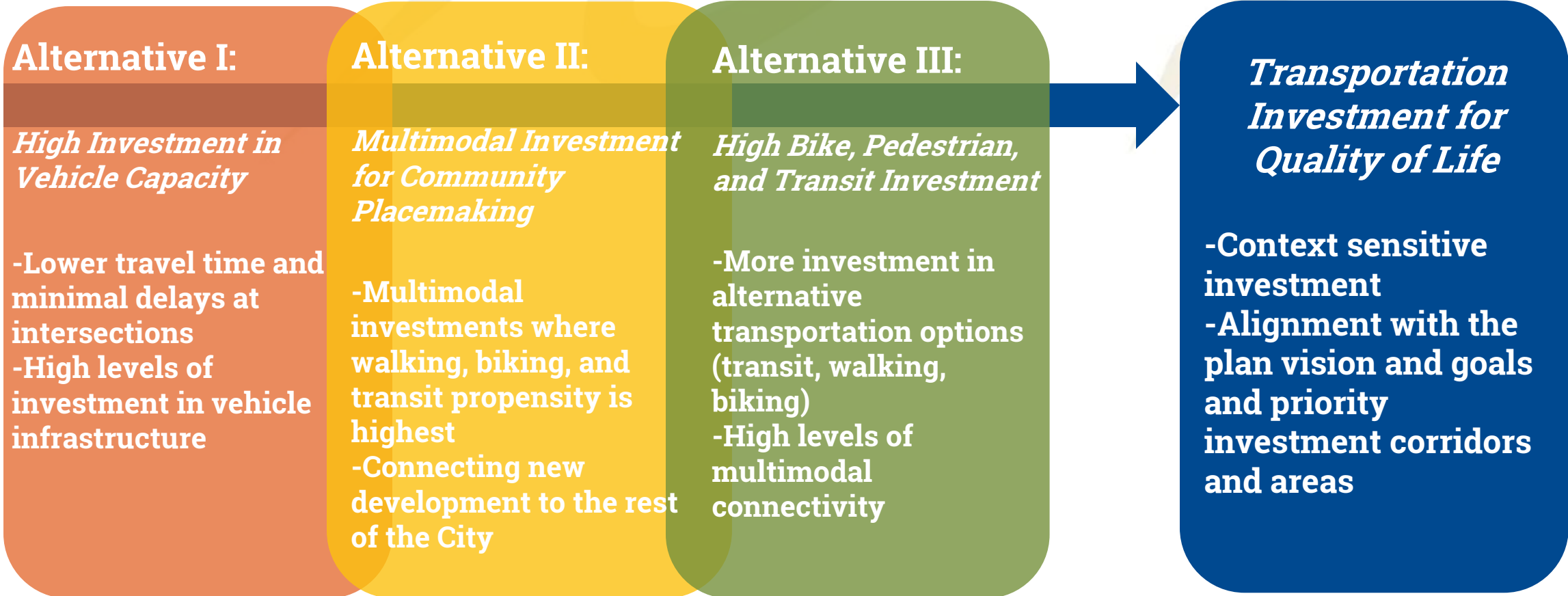
- Multimodal investments where walking, biking, and transit propensity is highest
- Connecting new development to the rest of the City

## Alternative III:

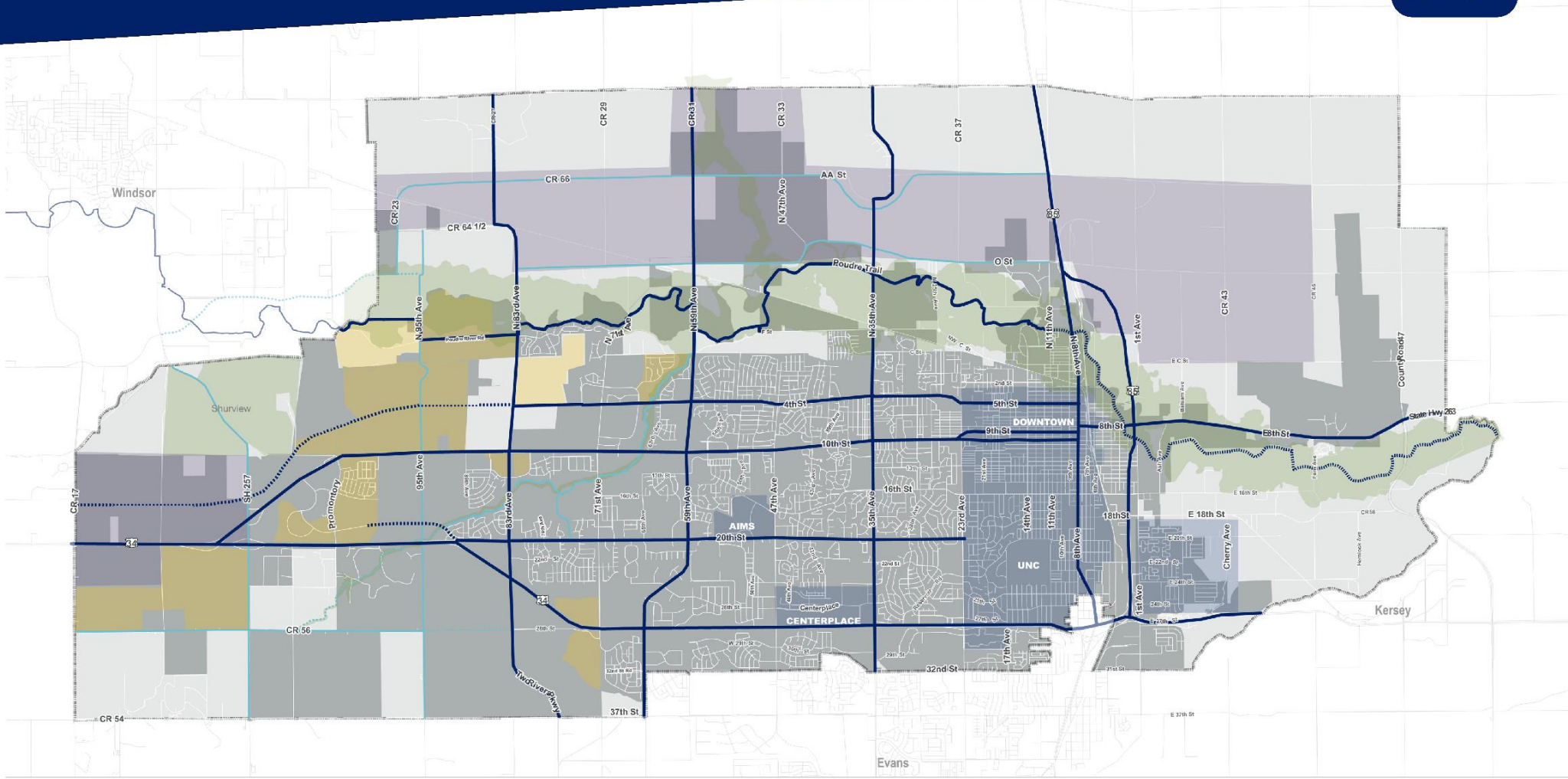
*Bike, Pedestrian, and Transit Investment*

- More investment in alternative transportation options (transit, walking, biking)
- High levels of multimodal connectivity

# Transportation Alternatives







DRAFT

- Tier 1 Priority Corridor
 Tier 2 Priority Corridor
 Priority Investment Area
 Future Open Space
- Future Connection
 Future Connection
 Priority Planning Area
 Future Development



# Project Categories

## **STREETS**

Preservation, safety improvements, traffic calming, new development and connections

## **PLACEMAKING**

Entryways, enhanced street and intersection design to enable growth/value of surrounding land

## **EMERGING TECHNOLOGY**

Smart signal technology, fiber, electric vehicle charging options, data sharing

## **MOBILITY/TRANSIT**

Shared mobility, mobility hubs, flex & fixed route optimization, traveler information for on-demand and improved travel time

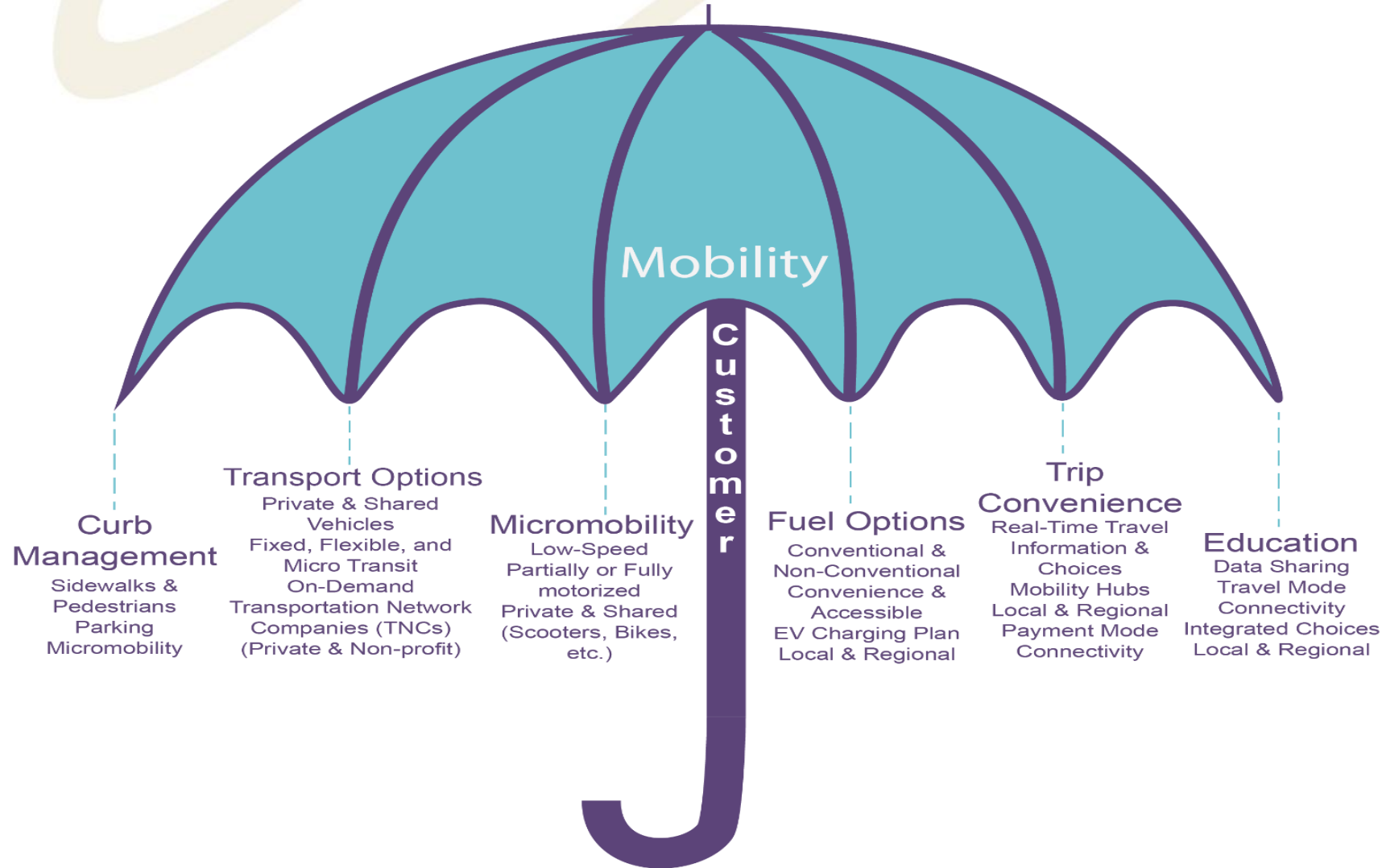
## **ACTIVE TRANSPORTATION**

New/improved sidewalks, ADA upgrades, pedestrian safety measures, shared streets, bikes lanes, trails, neighborhood trail connections, education programs

# Example Tier One

US 34 Bypass	Signal Operation Improvement	CR 17 to Hwy 85
	Regional Transit Service	Loveland to Greeley
	Mobility Hub	Centerplace
	Interchanges	35th Avenue and 47th Avenue
	Intersection Improvements	11th Avenue, 17th Avenue, 83rd Avenue, 131st Avenue

# Mobility Structure



Street Criteria Table

	Neighborhood Street	Collector	Pedestrian Street	Arterial Avenue	Alley
ROW Width	50'-60'	60'-90'	60'-80'	100'-120'	20' easement or right-of-way
Street Width	20'-34' 25' (1-side parking) 20' (no parking)	34' (+ 12' - 20' center median)	36'	50'-58'	14'-16' (< 40 units) 16'-18' (41+ units)
Travel Lanes	9'-10'	2 @ 10-12 <sup>1</sup>	2 @ 10'	2 @ 11 <sup>2</sup>	n/a
Edge Condition	7'-8' parking both sides	6'-7' bike lane and/or 7'-8' parking lane	8' parallel parking both sides (diagonal optional)	bike lane or gutter	shoulder
Landscape/Amenity Zone	7'-9'+ tree lawn	7'-10'+ tree lawn 12' -20' median	4' - 8' amenity zone Pedestrian scale lighting 6'-8' Frontage Zone	7'-10'+ tree lawn 12' -20' median	n/a
Sidewalk	5'-6' detached	8' -10' detached	Pedestrian clear zone 5' -12' detached	8'-10' detached	n/a
Bicycles	N/A slow street / low volume	6' - 7' bike lane	Optional Slow street / low volume	6'-7'	n/a
Design Speed/Speed Limit	20/20	30/30	25/25	35/35	n/a
Parking Lane Width	7'-8'	7'-8'	7'-8'	n/a	n/a
Turn Lanes	No	Left turn lanes required Right turn lanes per TIS	Left turn lanes required at intersections	Left turn lanes required Right turn lanes per TIS	n/a
Applicability / Functional Class	<ul style="list-style-type: none"> <li>Local</li> </ul>	<ul style="list-style-type: none"> <li>Local</li> <li>Minor Collector</li> <li>Major Collector</li> <li>Minor Arterial</li> </ul>	<ul style="list-style-type: none"> <li>Local</li> <li>Commercial</li> <li>Minor Collector</li> </ul>	<ul style="list-style-type: none"> <li>Major Collector</li> <li>Minor Arterial</li> <li>Major Arterial</li> </ul>	n/a
Traffic Calming Elements <sup>3</sup>	Traffic Circles Curb bulb-outs Pinch-points Chicanes Gateways Speed tables	Curb bulb-outs Pinch-points Gateways Roundabouts	Traffic Circles Curb bulb-outs Pinch-points Chicanes Gateways Speed tables	Pinch-points Gateways Roundabouts	n/a
Stormwater Elements	Raingardens	Raingardens Bioswales Flow-through planters	Raingardens Bioswales Flow-through planters	Raingardens Bioswales	n/a

1. 12' lanes permitted only with truck percentage above 15%

2. Four lane sections permitted per approval from Public Works Director

3. Traffic calming elements are required on neighborhood streets and expected on collector streets

4. Design preference for bike lanes shall include a separation element from travel lane

5. Travel lanes shall be measured from edge to edge of gutter/pavement joint

6. Designers shall use the following design guides: [NATCO](#); [Projects for Public Spaces](#); [PedBikeInfo](#)

# Street Criteria



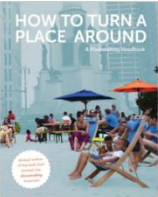
# New Design Guide References

Project for Public Spaces

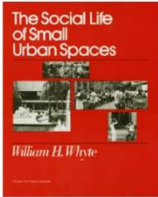
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## Publications


ALL BOOKS GUIDES & REPORTS



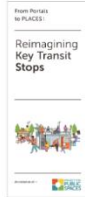
**How to Turn a Place Around**  
\$35



**The Social Life of Small Urban Spaces**  
\$35



**Toward Market Cities: Lessons on Supporting Public Market Systems From Pittsburgh, Seattle, and Toronto**



**Reimagining Key Transit Stops**  
FREE DOWNLOAD

National Association of City Transportation Officials

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About Programs & Initiatives Guides & Publications Conferences & Events

## Guides and Publications

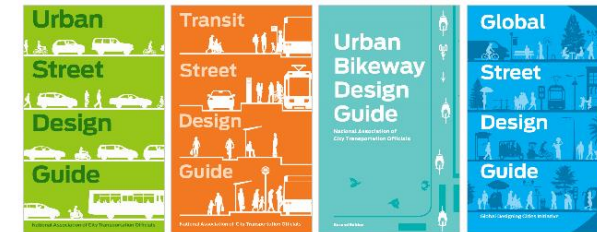
NACTO's publications provide a vital resource for practitioners, policy-makers, academics, and advocates.

### LATEST PUBLICATIONS

Breaking the Cycle  
Making Bikes Count  
Downsized Street Maintenance Vehicles  
Guidelines for Regulating Shared Micromobility  
Blueprint for Autonomous Urbanism: Second Edition

[ALL PUBLICATIONS >](#)


### FEATURED DESIGN GUIDANCE



[ALL DESIGN GUIDES >](#)

**i pedbikeinfo**  
Pedestrian and Bicycle Information Center

FACTS & FIGURES TOPICS RESOURCES WEBINARS



**Sharing Spaces with Robots**  
Provides the basics of personal delivery devices, including terms, characteristics, and an overview of their interactions with pedestrians and bicyclists.



**Advancing Trails to Support Multimodal Networks**  
Offers a fresh look at the current state of practice for trail development to support people who walk, bike, use micromobility, and assistive devices.

### POPULAR TOPICS



Automated Vehicles



Bike Share



Complete Streets



Micromobility

Arterial Avenue



# Street Views

Collector



Neighborhood Street



# Street Views

Pedestrian Street





# Schedule

## Spring 2021

Online Survey (4/21)  
Stakeholder Meeting #1 (4/21)

## Fall 2021

Stakeholder Meeting #3 (9/21)

## Spring 2022

Council Work Session #3 (5/24)  
Citizens Transportation Advisory Board  
Stakeholder meeting  
Public Outreach on Draft Plan

Community Intercept Events (5/21-8/21)  
Stakeholder Meeting #2 (7/21)  
Community Open House (8/21)  
Council Work Session #1 (8/21)

## Summer 2021

Council Work Session#2 (1/25)  
Stakeholder Meeting #4  
Planning Commission  
Citizens Transportation  
Advisory Board

## Winter 2022

- Citizens Transportation Advisory Board
- Stakeholder Meeting
- Public Comment Period
- Council Meeting (10/18)

## Fall 2022

# Next Steps

- **Finalize Draft plan**
- **Public and stakeholder input on draft plan September 2022**
- **September CTAB Meeting Vote on TMP plan**

**Thank you!**

**Questions?**



2023 - 2027 CIP Five Year Plan										
PW - Projects by Category										
	Project	Title		2022	2023	2024	2025	2026	2027	2023 - 2027
	Mobility									
	11176	16th St Enhancement Project		2,643,730	-	3,000,000	-	-	-	3,000,000
	11173	Railway Quiet Zone - Union Pacific Downtown		1,551,374	-	-	-	-	-	
	11366	35th Ave & 8th St (Franklin) School Hawk Signal		290,000	-	-	-	-	-	
	11015	Public Parking Lot Maintenance & Striping		480,815	500,000	515,000	530,750	547,288	547,288	2,640,326
	11066	KGM Pavement Maintenance Data and System		145,000	165,000	165,000	165,000	165,000	165,000	825,000
	11065	KGM Pavement Maintenance Treatments		10,821,166	10,754,793	11,205,003	11,681,204	12,171,678	12,676,854	58,489,532
	11061	KGM Neighborhood Concrete Program		1,500,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
	11203	Sidewalk 10th St Sheepdraw		194,397	-	-	-	-	-	
	11199	Turn Lanes on 20th Street - 47th to 59th Avenue		3,370,520	250,000	250,000	5,000,000	-	-	5,500,000
	11049	O Street 59th Avenue Intersection Improvement		6,167,730	-	-	-	-	-	
	11051	35th Avenue Road Widening: 4th Street to "F" St.		3,871,952	-	-	-	-	-	
	11202	Traffic Signal at 37th St. and Two Rivers Parkway - New Signal		1,056,791	-	-	-	-	-	
	11275	MERGE Project		1,000,000	-	1,500,000	5,000,000	7,000,000	7,000,000	20,500,000
	11396	71st Avenue, 12th to 22nd Street Re-seeding		200,000	-	-	-	-	-	
	11050	Intersection Improvements at 35th Ave. and "O" Street Roundabout		2,000,000	-	-	-	-	-	
	11402	C-Street - N66th Avenue to & 59th Avenue- Phase 1 and 2		840,000	-	-	-	-	-	
	11053	Centennial Park Improvements		1,933,297	-	-	-	-	-	
	23rd Ave & 5th/4th Street Intersection Improvements			500,000	800,000					
				38,566,772	13,669,793	18,635,003	24,376,954	21,883,966	22,389,142	100,954,858
	Planning									
	11200	Transportation Master Plan Update		371,874						
	11422	10th Street Operational Vision		85,000						
	11428	22nd Street and US 85 multimodal considerations		30,000						
	11429	35th Ave Design Options F Street to O Street		135,000						
	11370	35th Avenue F to O Street - Road Development		1,360,000						
	11425	63rd/65th Ave & 10th Street Intersection		35,000						
	83rd Avenue Planning and Layout (US 34 to O Street)									
	11426	83rd Ave & US 34 Intersection		85,000						
	11423	83rd Avenue - 10th Street to O Street		100,000						
	11272	83rd Ave.:12th St. to 10th St. - Road Widening		757,173	1,873,000					
	11418	8th Ave Improvements		160,000						
	11415	9th & 10th Street Mobility Enhancements		150,000						
	11420	Downtown Street Opportunity Analysis (SS4A)		65,000						
	11427	East Greeley Trail Connections (Poudre and #3 Ditch)		75,000						
	11424	Future Crossroads Connection and NW Greeley		85,000						
	11414	INFRA; Mobility Center at Centerplace		150,000	2,500,000					
	11417	School Safety Assessment (4th Street)		65,000						
	11421	UNC Mobility Analysis		95,000						
	11430	US 34 Operational Vision		35,000						
	11416	West Greeley Vision- 4th St; CR 17 & US 34 Intersection, 257; 131st Ave & US 34 Grade separated crossing;		250,000						
	Sheep Draw Trail Connections									
	11207	Sheep Draw Trail: 83rd Ave Underpass		461,572						
	11208	Sheepdraw Trail 71st Ave. to 20th St.		78,176						
	11262	Sheepdraw Trail Under 71st Ave. Bridge		14,583						
				4,643,378						
	Operations									
	11022	Signal Maintenance and Upgrades (3 funds)		56,600	765,800	777,000	790,000	790,000	790,000	3,912,800
	11359	11th Avenue Traffic Signal Upgrade Projects		415,000	-	-	-	-	-	
	N762	10th Street Adaptive System Upgrade		-	-	900,000	-	-	-	900,000
	N593	Streetlight conversion to LED (11th Ave Bridge & 8th Ave 5th to 7th St)		-	-	-	-	250,000	-	250,000
	11060	Neighborhood Safety Improvement Design		75,000	75,000	75,000	75,000	75,000	75,000	375,000
		Neighborhood Safety Improvement Construction			250,000	250,000	250,000	250,000	250,000	1,250,000
	11058	Bridge Inspection & Maintenance		150,000	150,000	150,000	150,000	150,000	150,000	750,000
	11345	Phase 3 Fiber		309,013	2,066,640	-	-	-	-	2,066,640
	11346	Citywide Signal Timing		283,000	-	-	-	-	-	
	11395	Dynamic Advanced Warning Flashers (US34 & CR17)		125,800	-	-	-	-	-	
	11369	35th Avenue Adaptive Signal System		525,000	-	-	604,662	-	-	604,662
	Transportation Systems Management and Operations Plan			150,000						
				2,089,413	3,307,440	2,152,000	1,869,662	1,515,000	1,265,000	10,109,102

## CTAB Meeting Schedule

Current as of 08/18/2022

Date	Description	Sponsor
August 22nd, 2022	Transportation Mater Plan Update/Next Steps	Paul Trombino
	Draft 5-year Capital Improvement Program	Paul Trombino
	Local City Pedestrian and Bicycle Ordinance	Paul Trombino
September 26th, 2022	Walking Tour Hold	
October 24th, 2022	Quarterly Mobility and Operations Report (Standing)	
	Keep Greeley Moving Update (Standing)	
	Planning Process (Concept/Scoping)	
November 28th, 2022		
December 26th, 2022		
January 23rd, 2023	Elections of Chair and Vice-Chair	Board
	Quarterly Mobility and Operations Report (Standing)	Transit Manager
February 27th, 2023		
	Annual Mobility Safety Analysis (Annual)	