



ADVANCED  
MOBILITY  
PARTNERSHIP

# Working Group

August 1, 2023



# Quick Notes about the Meeting

- **Please add your agency affiliation to your name.**  
(Right click on your name and “Rename” to include agency)
- Everyone has the ability to unmute and/or show video, if we’re hearing feedback, you may be muted.
- Feel free to use the chat box.

....and now quick introductions!

# Agenda Snapshot

## Informational Briefings

*Regional BRT Partnership*

*RTD Partnership Program*

*Ore Cart Free Transit Service*

*Community Accelerated Mobility Project (CAMP)*

## Partner Agency Updates and Other Matters

## Next Meeting

*September 5, 2023*



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# Regional BRT Partnership

Jacob Riger, CDOT

# Regional Bus Rapid Transit Partnership (CDOT, DRCOG, RTD, Aurora, Denver)

Advanced Mobility Partnership - August 1, 2023

# Regional Bus Rapid Transit Network context

- Based on RTD NW Area Mobility Study & Regional BRT Study
- DRCOG 2050 RTP includes 11 BRT corridors (and new bus maintenance facility)
  - Updated 2050 RTP advanced implementation timeframe of several BRT corridors as part of overall GHG Planning Standard compliance strategy
- CDOT 10-Year Plan also includes BRT corridors (GHG compliance)
  - CDOT Regionwide Arterial BRT & Transit Improvements (\$170 m)
- Denver Moves Everyone 2050, other plans





# Implementation timeframe

## 2020-2030 (5 corridors, \$679m)

- Colorado Blvd.
- East Colfax
- East Colfax Ext.
- Federal Blvd.
- SH-119

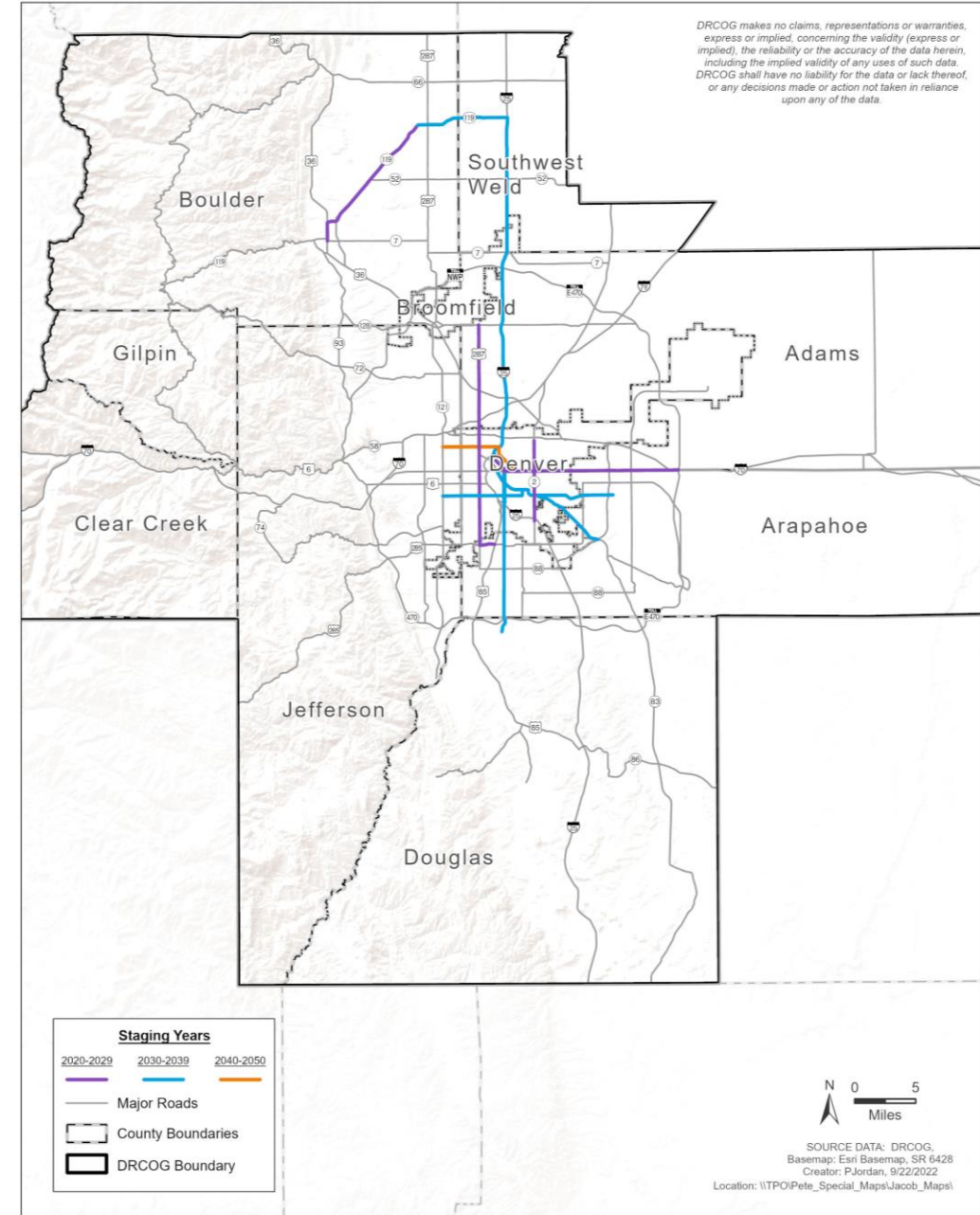
## 2030-2040 (5 corridors, \$414m)

- Alameda Ave.
- Broadway/Lincoln
- I-25 North
- Speer/Leetsdale/Parker
- SH-119 Ext.

## 2040-2050 (1 corridor, \$40m)

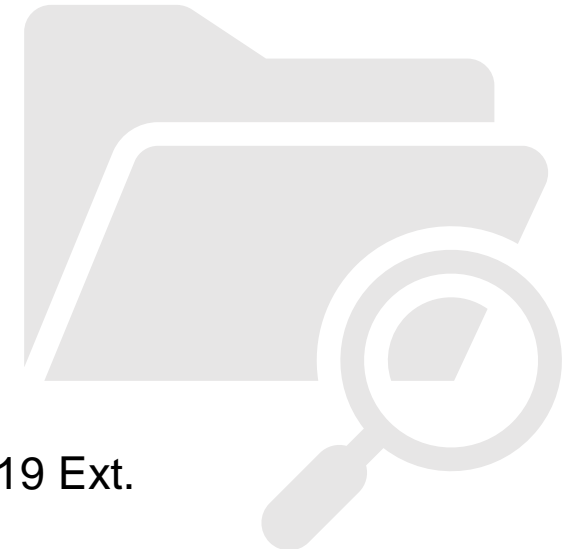
- 38<sup>th</sup> Ave./Park Ave.

**Bus Maintenance Facility: \$50m**

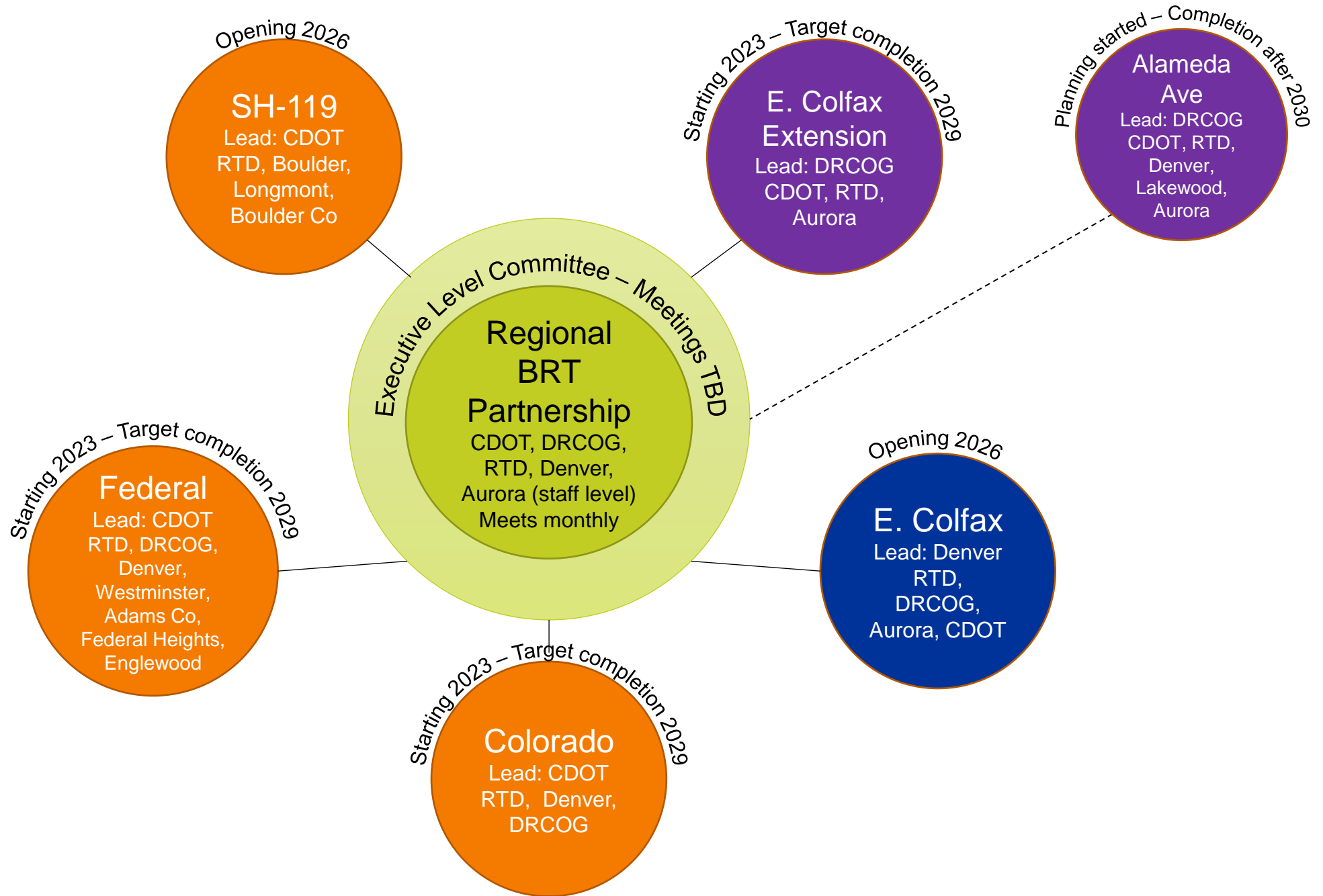


# Regional BRT Partnership framework & purpose

- Multi-agency planning, funding & implementation partnership
  - (more work (esp. by 2030) than any single agency could lead or do alone)
- Collaborate and assist multiple BRT corridors simultaneously
  - Coordinate/monitor corridor work, issues, schedules, resources
- Initial focus: AA, NEPA, planning and design work on:
  - Colorado (CDOT lead)
  - CO-119 (CDOT lead)
  - East Colfax (Denver lead)
  - East Colfax Ext. (DRCOG lead)
  - Federal (CDOT lead)
- Also begin work on next priority corridors
  - Alameda (DRCOG starting initial corridor study)
  - Broadway/Lincoln, I-25 North, Speer/Leetsdale/Parker, SH-119 Ext.









**Thank you!**



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# RTD Partnership Program

Charlie Stanfield, RTD



**We Make Lives Better  
Through Connections.**

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# **RTD Partnership Program**

**Charlie Stanfield, Planning Project Manger**

**August 2023**

# Existing/Former RTD Partnerships

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- **Cost Sharing** – RTD provides funds to local organizations and municipalities to support specific services
- **Innovative Mobility Pilot** – RTD operates service initiated by a partner agency through a grant program to test viability of service in a new or emerging market
- **Third Party Operations** – RTD supports service operated by others through integrated trip planning and payment, technical advisory services, or compliance support

# Former Partnerships Policy

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- RTD adopted a **Transit Service Cost Sharing Policy** in June 1994 to guide RTD staff in responding to requests for new service (see Section 13, RTD Service Standards); it provides general guidance on the financial feasibility, vehicle availability, local/community support, and performance:
  - Financial Feasibility
    - Define net operating costs
    - Adopt RTD fare structure or fund the full difference in revenue
    - Each project is subject to the RTD planning processes
  - Vehicle Availability
    - Costs associated with vehicles are addressed project by project
    - Also consider operator availability
  - Local and Community Support
    - Each project is subject to RTD's public review process
    - RTD generally provides 50% of the local share of the net costs
    - Limited duration, typically set at 1-3 years
  - Performance
    - Clearly defined evaluative criteria: average daily ridership, passenger boardings/hour, and subsidy/boarding
    - Assess and recommend (dis)continuation annually

# Partnership Program

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- **Purpose:** leverage RTD and local funding to provide additional services that meet a community's local mobility needs (no infrastructure projects)
- Create a dedicated budget set-aside for partnership matching
- Define a dedicated position within Contracted Services
- Establish a process to evaluate partnerships after implementation
- Leverage Subregional Service Councils (SSCs)





# 2023 Call for Projects

- \$2 million available annually for 3 years; amount will vary year-to-year based on Board action
- Local governments and TMAs/TMOs were eligible
- No more than 30% of 2023 funding to one subregional service council
- RTD will fund up to 80% of project costs for up to 3 years initially
- Applications were due July 7
- SSCs prioritized projects if more than one project was submitted

August 2, 2023

## Partnership Program Application

### A) Applicant Information







Organization Name	
Organization Type	<input type="radio"/> Local Government <input type="radio"/> TMA/TMO
Subregional Service Council	<input type="radio"/> Boulder County <input type="radio"/> Northeast <input type="radio"/> Northwest <input type="radio"/> Southeast <input type="radio"/> Southwest
Contact Person	
Email	
Phone Number	

### B) Project Information

Project Title
<p>Briefly describe the project location. <i>Please include a map and GIS layer (as a .zip file) as an attachment with your submission. If you need assistance creating a GIS shapefile for your service area, please reach out to Charlie Stanfield (<a href="mailto:charlie.stanfield@rtd-denver.com">charlie.stanfield@rtd-denver.com</a>) no later than June 14.</i></p>
Project Type (select one)
<input type="radio"/> Fixed-route transit service – service operating on a specific route <input type="radio"/> On-demand transit service – demand-responsive service operating in a specific area <input type="radio"/> Other mobility service – service that does not fall into the above two categories <input type="radio"/> Other – project that does not provide service, but enhances mobility through other means

# Project Selection Criteria

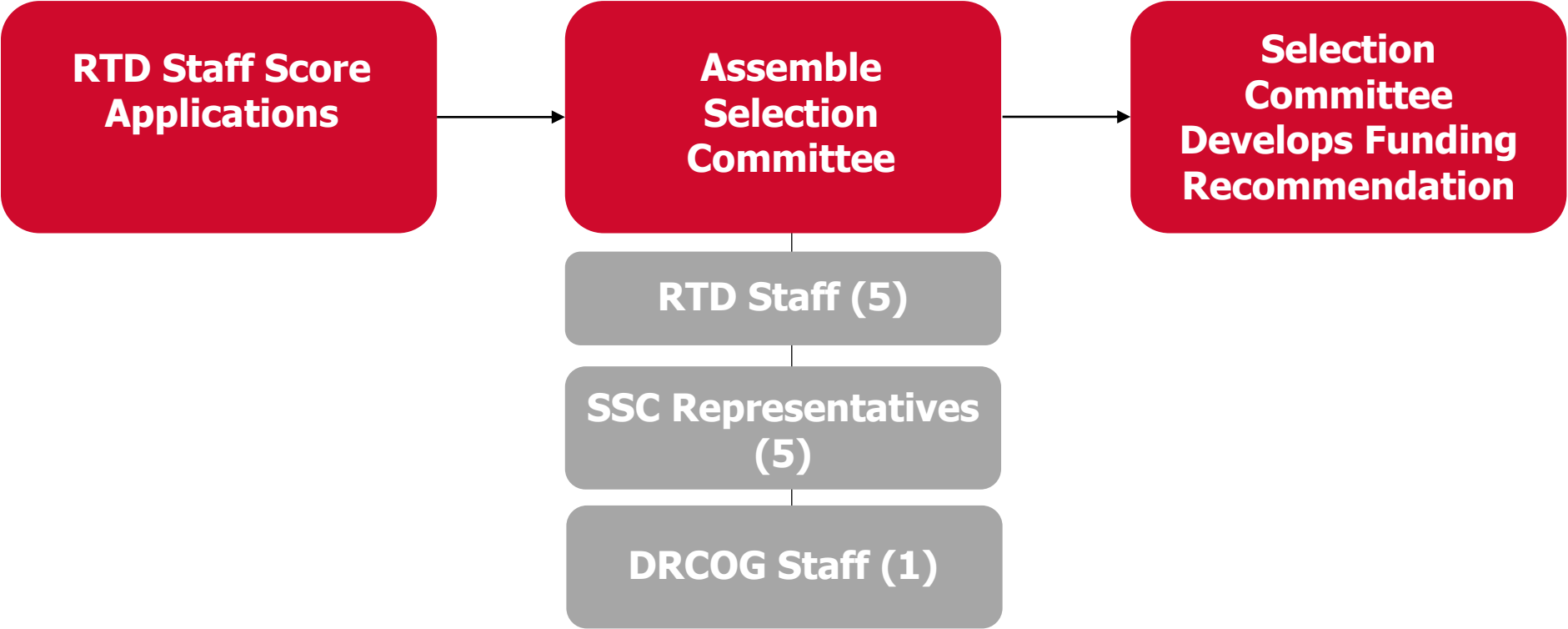
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-  Alignment with RTD Strategic Plan
-  Local support and ability to meet local needs
-  Provides service where gap and/or complementary service exists
-  Provides service to equity zones
-  Potential ridership
-  Project readiness

# Partnership Program Workflow – First Year



# Project Selection Process



# Submitted Projects

Project	Sponsor	SSC	SSC Priority	2024	2025	2026
Lone Tree Link Expansion	Denver South	Southeast	1 <sup>st</sup>	\$576,000	\$576,000	\$0
Immigrant/Refugee Education Campaign	Aurora	Incomplete (SE)	-	-	-	-
Longmont Microtransit	Longmont	Boulder	1 <sup>st</sup>	\$600,000	\$600,000	\$600,000
Erie Flex Ride	Erie	Boulder	3 <sup>rd</sup>	\$240,000	\$240,000	\$0
Gunbarrel Shuttle	Boulder	Boulder	2 <sup>nd</sup>	\$150,000	\$285,500	\$312,275
Englewood Trolley Expansion	Englewood	Southwest	1 <sup>st</sup>	\$400,000	\$400,000	\$400,000
West Denver Connector	Denver	Southwest	2 <sup>nd</sup>	\$150,000	\$300,000	\$300,000
Sun Valley AV Shuttle	West Corridor TMA	Incomplete (SW)	-	-	-	-
RiNo/Downtown Circulator	DDP	Northeast	4 <sup>th</sup>	\$600,000	\$600,000	\$600,000
GES Montbello Connector Expansion	Denver	Northeast	1 <sup>st</sup>	\$150,000	\$300,000	\$300,000
Smart Commute FlexRide Optimization	Smart Commute	Northeast	2 <sup>nd</sup>	\$43,120	\$0	\$0
Micromobility Hub Network	Smart Commute	Northeast	3 <sup>rd</sup>	\$145,719	\$0	\$0

# SSC Summary

SSC	Total Projects	2024 Request	2025 Request	2026 Request
Northwest	0	\$0	\$0	\$0
Southeast	1	\$576,000	\$576,000	\$0
Boulder County	3	\$990,000	\$1,125,500	\$912,275
Southwest	2	\$400,000	\$550,000	\$700,000
Northeast	4	\$788,839	\$750,000	\$900,000
Incomplete	2	-	-	-
<b>Total</b>	<b>12</b>	<b>\$2,754,839</b>	<b>\$3,001,500</b>	<b>\$2,512,275</b>

# Questions?

August 2, 2023





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# **ORE Cart Free Transit Service**

Matt Wempe, City of Golden



City of  
Golden

# Transit Service and Planning

City Council Study Session  
July 11, 2023



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# Transit Service is Expanding

- Ore Cart kicks off Fall 2023
  - Partnership with Colorado School of Mines and West Line Corridor Collaborative
- RTD returning some pre-pandemic routes; modifying fare structure
- Preparing for future transit service and funding



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# Ore Cart Transit Partnership



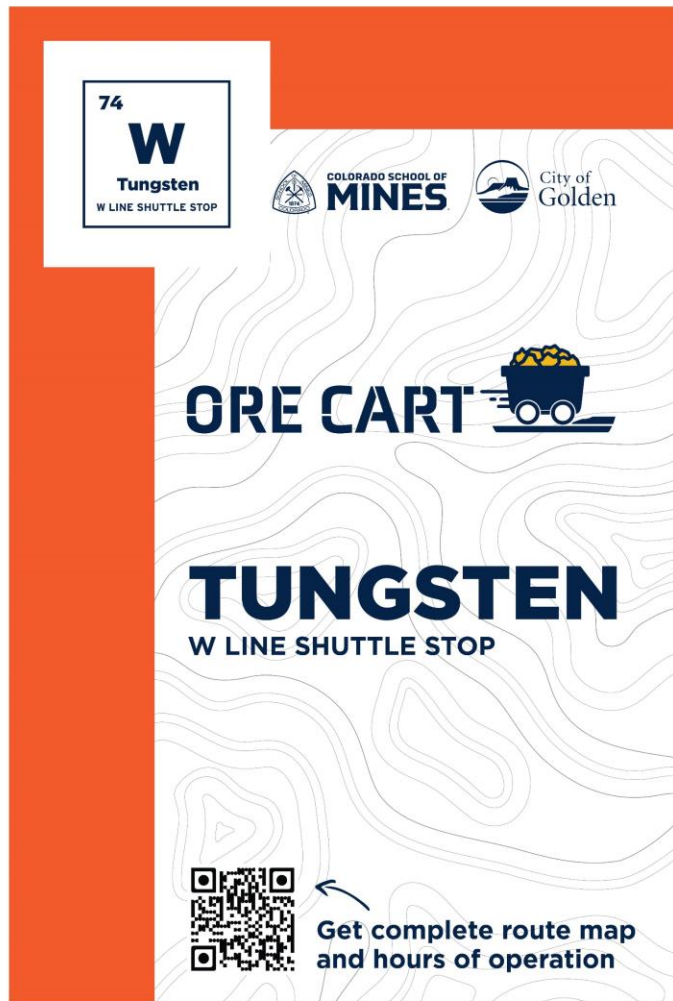
**ORE CART**  
**GOLDEN-MINES SHUTTLE SERVICE**





# Ore Cart Transit Partnership




# Ore Cart Transit Partnership





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**W**  
Tungsten  
W LINE SHUTTLE STOP

 COLORADO SCHOOL OF **MINES**  City of Golden

**ORE CART** 

**TUNGSTEN**  
W LINE SHUTTLE STOP

  Get complete route map and hours of operation



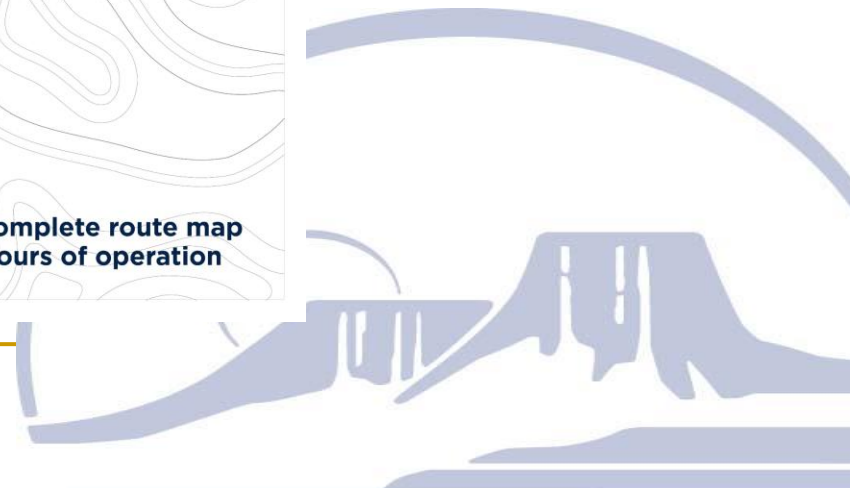
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 COLORADO SCHOOL OF **MINES**  City of Golden

**ORE CART** 

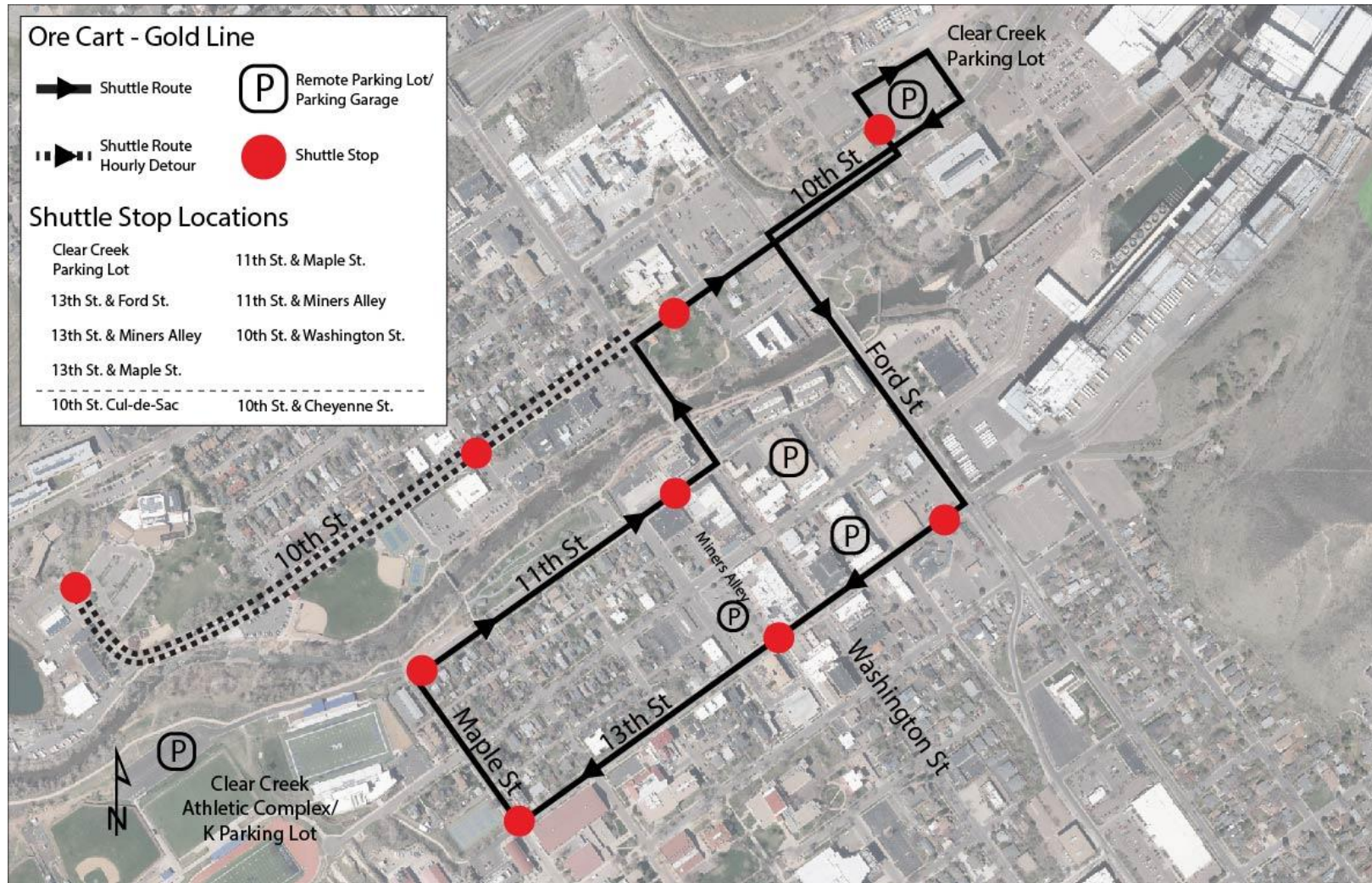
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DOWNTOWN SHUTTLE STOP

  Get complete route map and hours of operation



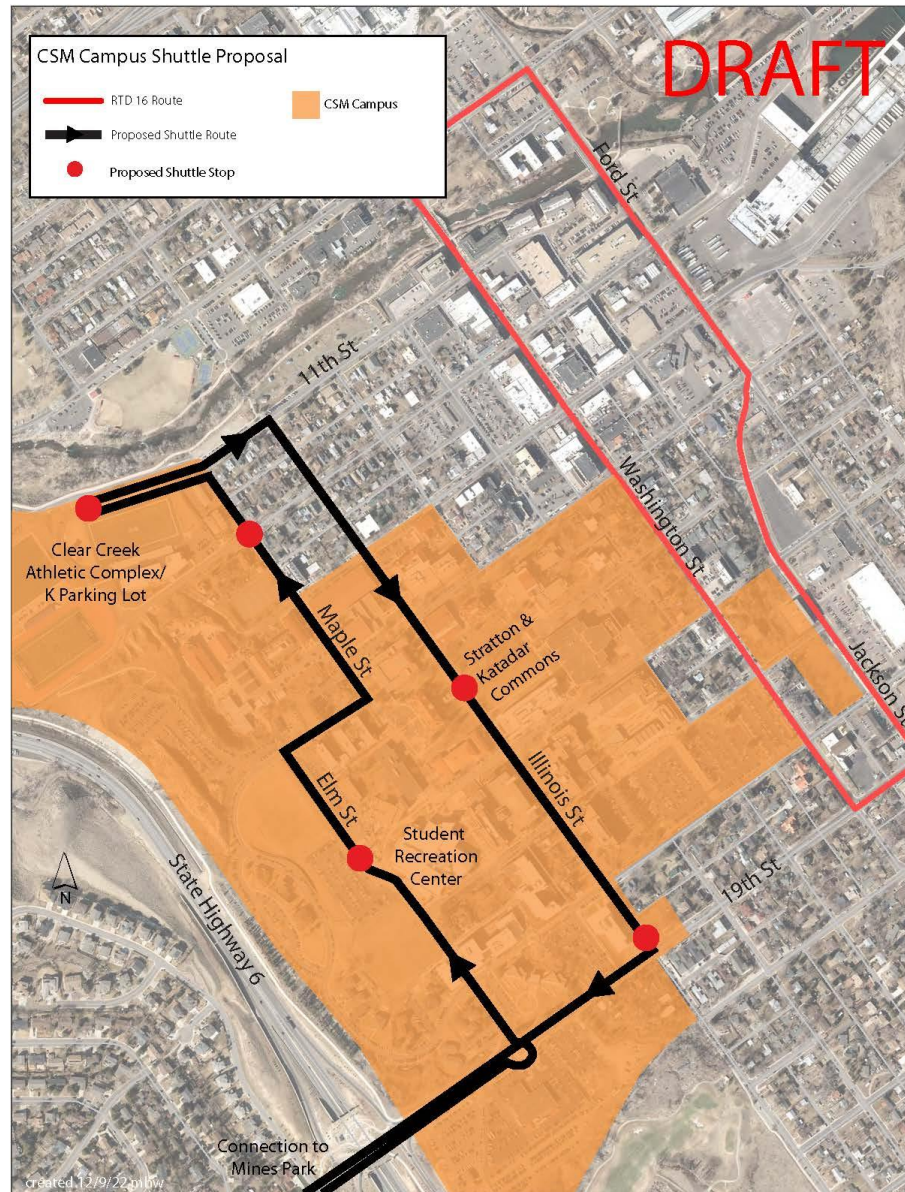


# Ore Cart Gold Route – Summer 2023





# Ore Cart Silver Route

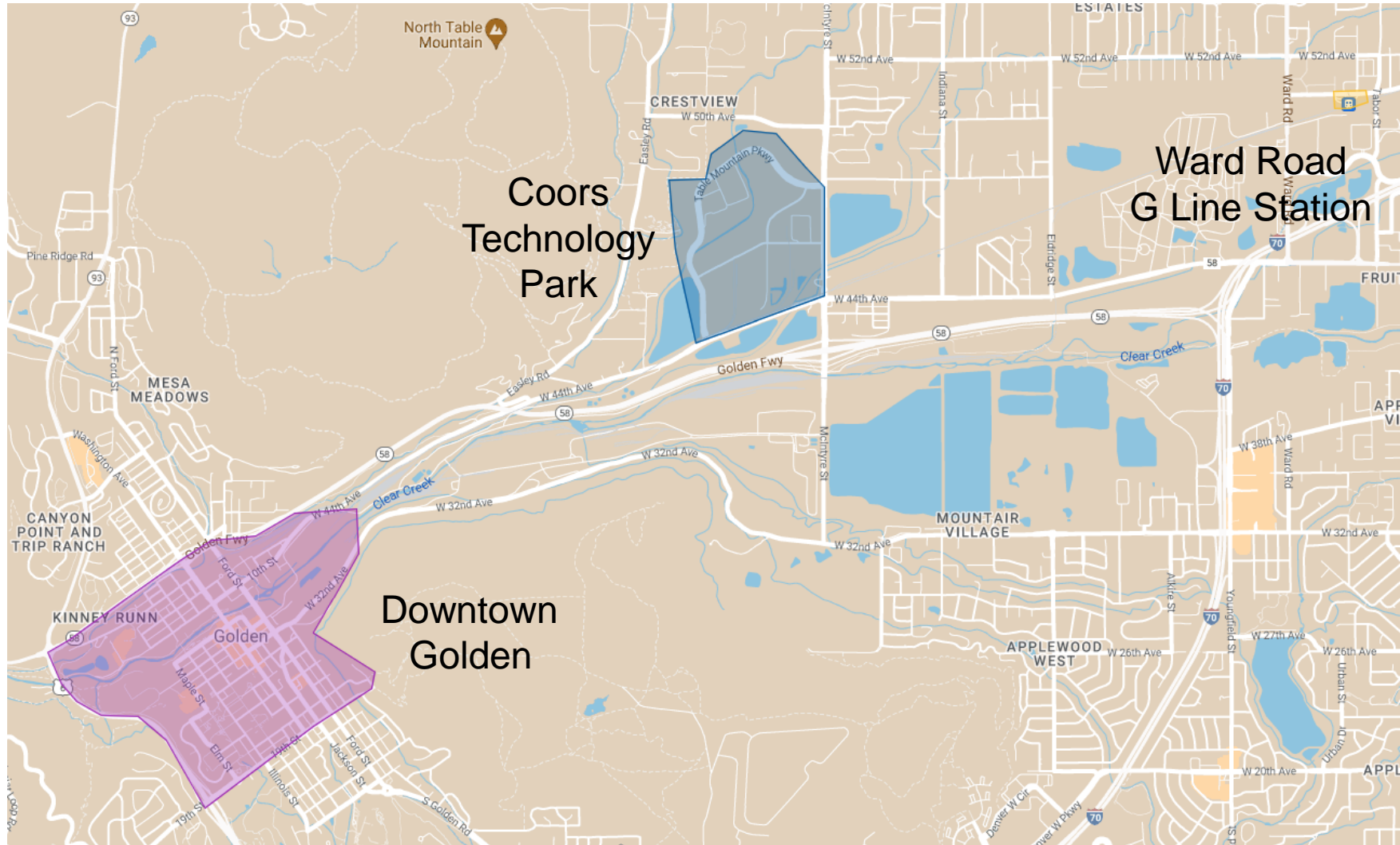


# Ore Cart Tungsten Route

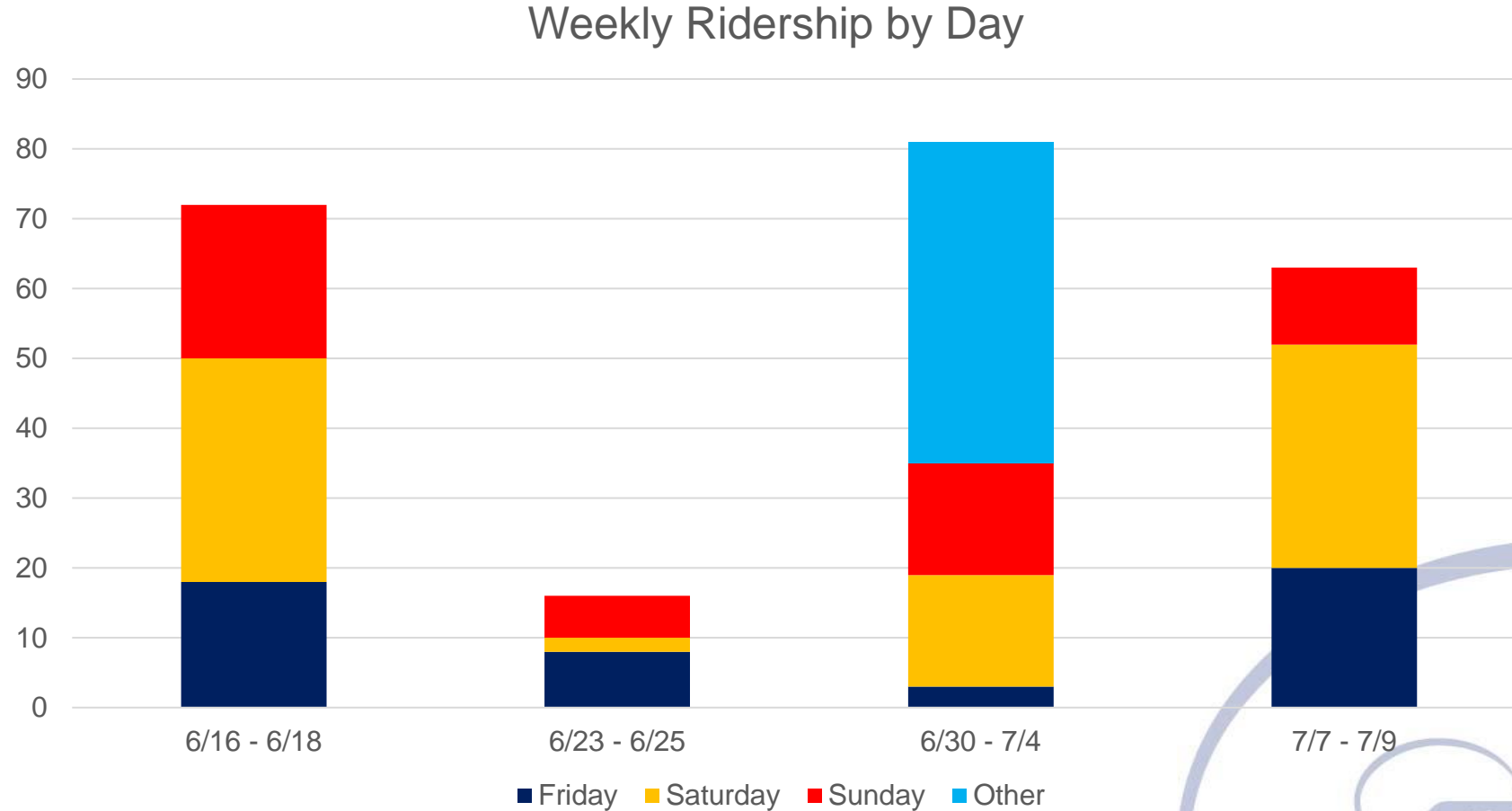
- Exact route under development
- Stops will include:
  - Jefferson County W Line Station
  - Splash @ Fossil Trace Remote Parking
  - CSM Campus
  - Downtown Golden
  - Foothills Senior Housing Communities



# Ore Cart Iron Route



# Ore Cart Gold Route Ridership Off to Variable Start





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# Ore Cart What We're Hearing So Far

“As a senior living at Canyon Gate, mobility can be a challenge. The Ore Cart gave me the opportunity to get to the Art Week festivities and have a safe, air conditioned ride.”

- Canyon Gate Resident

“So many of our residents here at Canyon Gate are so grateful for the Ore Cart bus! Otherwise, they are stuck at home or have to rely on friends and/or family for a chance to go anywhere.”

- Foothills Housing Service Coordinator



# Funding and Expanding Transit Pilot Programs

- Ore Cart City/CSM IGA at August 8 meeting
  - ~\$415,000/year four year commitment (operating and capital costs)
- \$1 million federal transportation grant expected Fall 2024
  - Focus on expanding/complementing existing transit service
- Anticipate long-term local funding need



# Questions and/or Feedback?







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# Community Accelerated Mobility Project (CAMP)

Carrie Aityeh, CEO

Ed Piersa, CEO

# Community Accelerated Mobility Project (CAMP)

DRCOG Advanced Mobility Partnership Working Group  
August 1, 2023



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Energy Office

# CAMP Overview

- Community Accelerated Mobility Project (CAMP) is a new program offering recommended in the Community Access Enterprise (CAE) Ten-Year Plan
- The business purpose of CAE is to support the widespread adoption of electric motor vehicles, equitably invest in transportation infrastructure, and incentivize the acquisition and use of electric motor vehicles and electric alternatives to motor vehicles
- Funding is provided by the retail delivery fee



## TEN-YEAR PLAN

COMMUNITY ACCESS ENTERPRISE

MAY 2022



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# CAMP Outcomes and Phases

- **CAMP Targeted Outcomes:** Develop mobility solutions that meet needs specific to local communities with an electric mobility component including electric carshare, electric vanpool, eBikes, community charging infrastructure, and other options
- **Phase 1 - Technical Readiness:** grants for project planning, providing support for successful CAMP Implementation grant applications and awards
  - **Outcome:** Report that details community mobility project concept based on technical feasibility, funding, community engagement, and other factors
- **Phase 2 - Implementation:** grants for community mobility projects
  - **Outcome:** Capital procurement and operations (2-3 years)

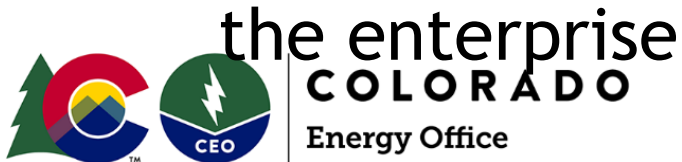


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Program design proposed at this time, final details may differ

# CAMP Funding FY24 (July 1, 2023-June 30, 2024)

- CAMP Phase 1, Technical Readiness: \$600,000 (2 rounds, approximately \$300,000 per round)
  - Round 1 open for applications ~August 2023
  - Anticipated Round 2 ~Spring 2024
- CAMP Phase 2, Implementation: \$2M
  - Anticipated open for applications in early 2024
  - Phase 1 award not required to apply to Phase 2
- Ongoing, annual funding for both CAMP program phases through



Program design proposed at this time, final details may differ

# How to define Community?

- Applicant to explain in the application
  - Boundaries/geography
  - People to be served
  - Demographics
  - Other attributes that define a unique community
- Disproportionately Impacted Community (DIC) defined by state statute

# Eligible Applicants

- Local government (municipalities, counties, etc.)
  - Nonprofits and Community-Based Organizations (CBOs)
  - Tribal government
- Partnerships will be critical to successful CAMP applications, partners may include:
    - Mobility partners
    - Site hosts
    - Academia/campuses
    - Workplaces/employers
    - Transit agencies
    - Utilities
    - Chambers/Economic Development Corporations/Urban Renewal Authority
    - For-profit entities
    - Others

# Phase 1, Technical Readiness Funding Amount and Uses

- Funding amount: \$75,000 max grant (proposed)
- Eligible uses of funds:
  - Hire 3rd party vendor to complete Phase 1 report
  - Community engagement and outreach (host events, etc.)



# Phase 2: Implementation Funding Amount and Potential Uses

- Up to \$500,000-\$1,000,000 max award (proposed)
- Eligible use of funds:
  - Capital costs:
  - EVs (carshare)
  - eBikes including eCargo and accessible bikes (library, loan to own/lease, longer-term loan, storage, charging)
  - Electric car/shuttle/van service - fixed route, on demand
  - Space/siting for EVs, ebikes
  - Operational costs:
  - Maintenance and repair
  - Insurance
  - Operations (labor, admin)
  - Engagement/comms/marketing
  - Education & training - for operators as well as users
  - Data collection
  - General 'other' category for applicants to propose additional ideas



# Timeline and Next Steps

- Launch Phase 1 Technical Readiness in the coming weeks
- Launch Phase 2 Implementation in early 2024

# Questions?

Information at:

<https://energyoffice.colorado.gov/community-accelerated-mobility-project>

[carrie.atiyeh@state.co.us](mailto:carrie.atiyeh@state.co.us)  
[edward.piersa@state.co.us](mailto:edward.piersa@state.co.us)



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# **Partner Agency Announcements**



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## **Other Matters**

Type in the chat box or chime in (just unmute yourself).



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**Thanks for joining the conversation.**

See you in September!