City of Arvada
City Council Agenda
AUGUST 12, 2024
WORKSHOPS

Councilmembers:
Lauren Simpson, Mayor
Randy Moorman, Mayor Pro-Tem
Shawna Ambrose, District 2
Sharon Davis, At large
Lisa Feret, At large
Bob Fifer, District 4
John Marriott, District 3

Staff Members Usually Present:
Linda Haley, Acting City Manager
Don Wick, Deputy City Manager
Rachel Morris, City Attorney
Jacqueline Rhoades, Director of Public Works
Sharon Israel, Director of Utilities
Jessica Garner, Director of Community & Econ. Dev.
Bryan Archer, Director of Finance
Gabriella Bommer, Director of Human Resources
Rachael Kuroiwa, Director of Communications & Engagement
Kristen Rush, City Clerk

Info: 720-898-7550

CITY COUNCIL CHAMBERS
6:00 PM

1. Call to Order/Roll Call of Councilmembers
2. Workshops
   A. CDOT 101 Presentation
   B. Sidewalk Repair Assistance
   C. Staff Updates
3. Adjournment

CITY OF ARVADA

REPORT TO CITY COUNCIL WORKSHOP

AGENDA ITEM 2.A.

TO: THE HONORABLE CITY COUNCIL DATE: August 12, 2024

SUBJECT: CDOT 101 Presentation

Report in Brief

CDOT will present a workshop on the fundamentals of CDOT as an organization and its operations.

Background

The City Council requested to learn more about CDOT, the organization and how they operate and work with other agencies. The City team reached out to CDOT and requested the CDOT team present this information in a workshop.

Strategic Alignment

Local Economy - Maintain and enhance public assets to attract residents, businesses, workers, and visitors.

Next Steps

FOR WORKSHOPS ONLY

Prepared by:
Don Wick, Deputy City Manager

Reviewed by:

Gail Walker, Legal Specialist-Contracts	7/18/2024
Laura Hemler, Assistant City Attorney	7/18/2024

Approved by:

Rachel Morris, City Attorney	7/18/2024
Lorie Gillis, City Manager	7/23/2024
Linda Haley, Deputy City Manager	7/23/2024

Enclosure, exhibits & attachments required to support the report

COLORADO
Department of Transportation

City of Arvada Council Workshop Meeting

Region 1 and CDOT 101

Vision, Mission, and Values

Vision

To enhance the quality of life and the environment of the citizens of Colorado by creating an integrated transportation system that focuses on safely moving people and goods by offering convenient linkages among modal choices.

Mission

To provide the best multi-modal transportation system for Colorado that most effectively and safely moves people, goods, and information.

Values

Safety: We work together to achieve a high performing safety culture!

People: We value our employees and the people of Colorado!

Integrity: We are honest and responsible in all that we do and hold ourselves to the highest moral and ethical standards.

Customer Service: We strive to provide the highest level of customer satisfaction and experience!

Excellence & Accountability: We leverage diversity to bring different ideas, experiences, and perspectives to further excellence in everything we do.

Respect: We are kind and civil with everyone, and we act with courage, humility, and accountability.

Local Government Liaison

As the Local Government Liaison, my role is to be a resource to local elected officials when they or their constituents have questions or concerns re; CDOT or CDOT projects.

CDOT created the liaison program to provide a direct link between the department and the elected officials as the impacts of transportation issues and projects are mostly felt at the local level.

Crystal R. Armendariz

Local Government Liaison

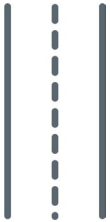
Regions 1 & 2

crystal.armendariz@state.co.us

720-245-0528

CDOT Local Government Liaison Webpage

Fiscal Year (FY) 2023-24 Revenue Allocation Plan
$1.8 Billion Budget



Responsible for the Colorado State Highway system, encompassing 9,072 centerline miles, with 23,134 total lane miles.

Maintenance crews plowed more than six million lane miles last winter season.

Colorado's aviation system includes 76 public-use airports.

There are 3,474 bridges and other major structures throughout the state highway system.

Helps maintain and monitor 278 avalanche paths.

Bustang, CDOT's interregional bus service, provided over 1.9 million revenue service miles in fiscal year 2023.

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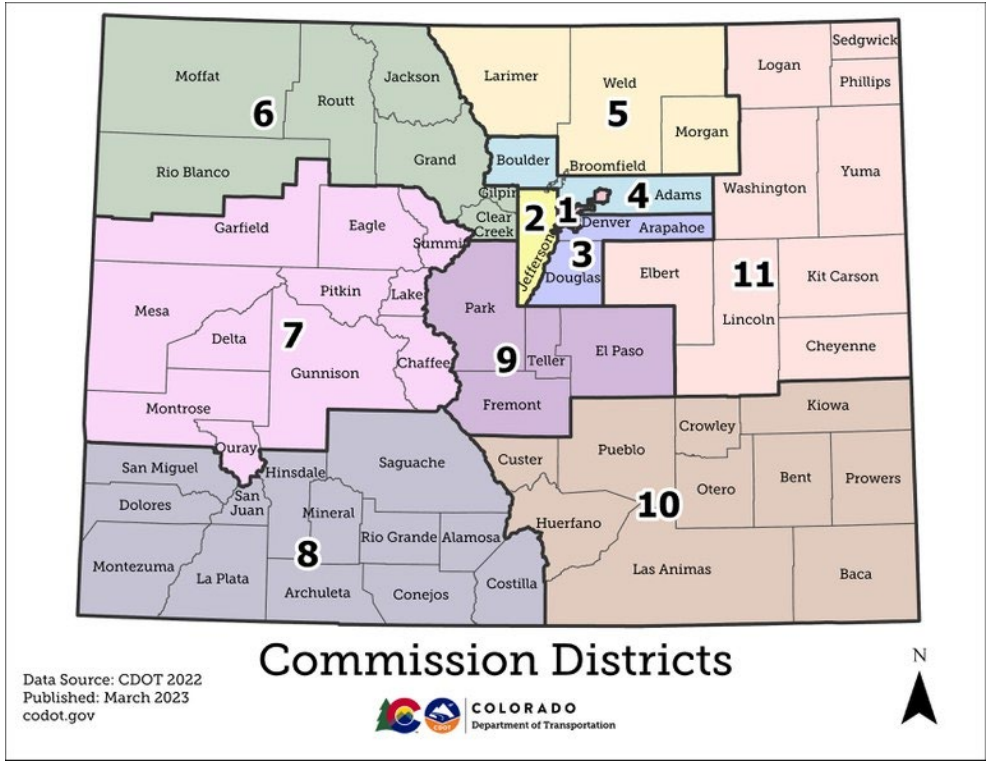
Transportation Commissioners



District 1: Yessica Holguin

District 2: Shelley Cook

District 3: Eula Adams

District 4: Karen Stuart

District 5: Jim Kelly

District 6: Rick Ridder

District 7: Barbara Bowman

District 8: Mark Garcia

District 9: Hannah Parsons

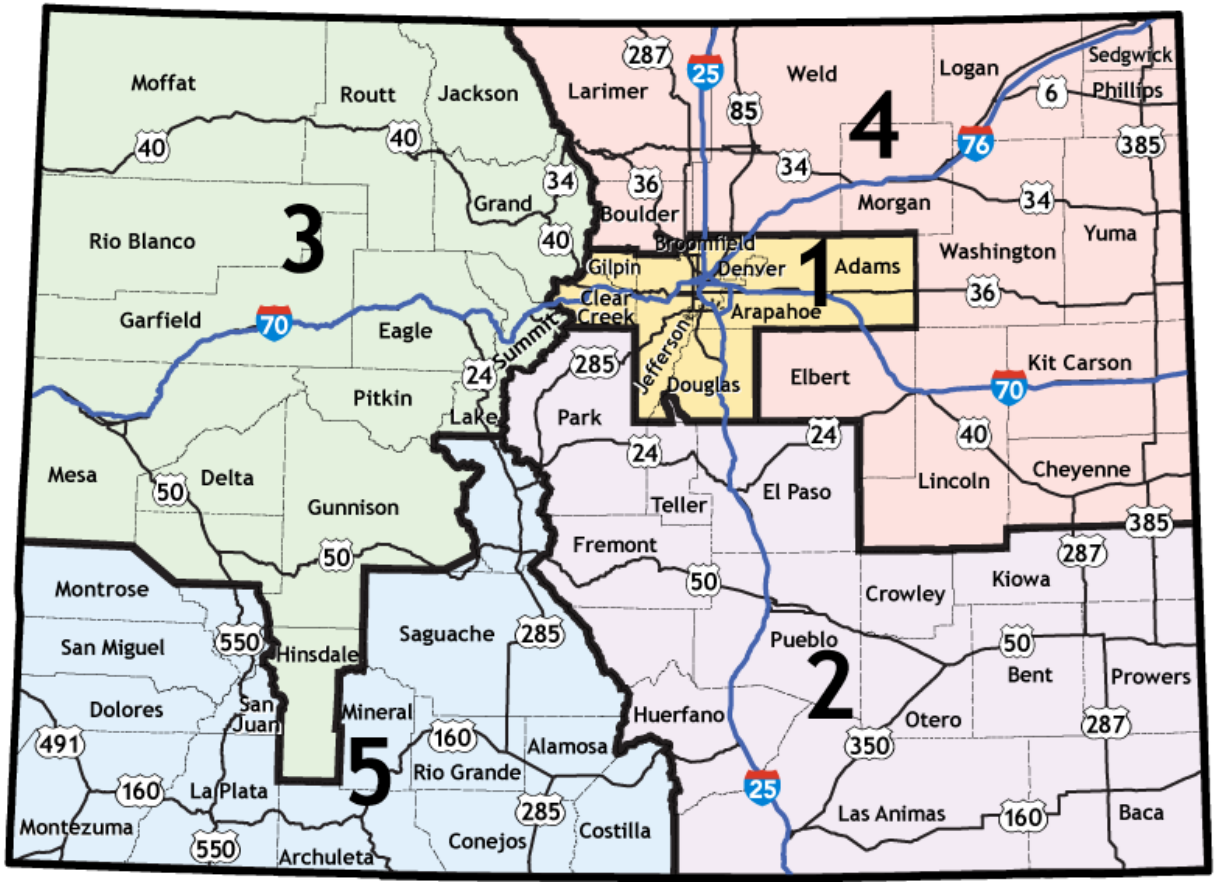
District 10: Terry Hart

District 11: Vacant

CDOT Engineering Regions

The engineering regions are an important part of implementing transportation infrastructure projects.

Region 1 works closely with DRCOG in transportation planning in the Region.

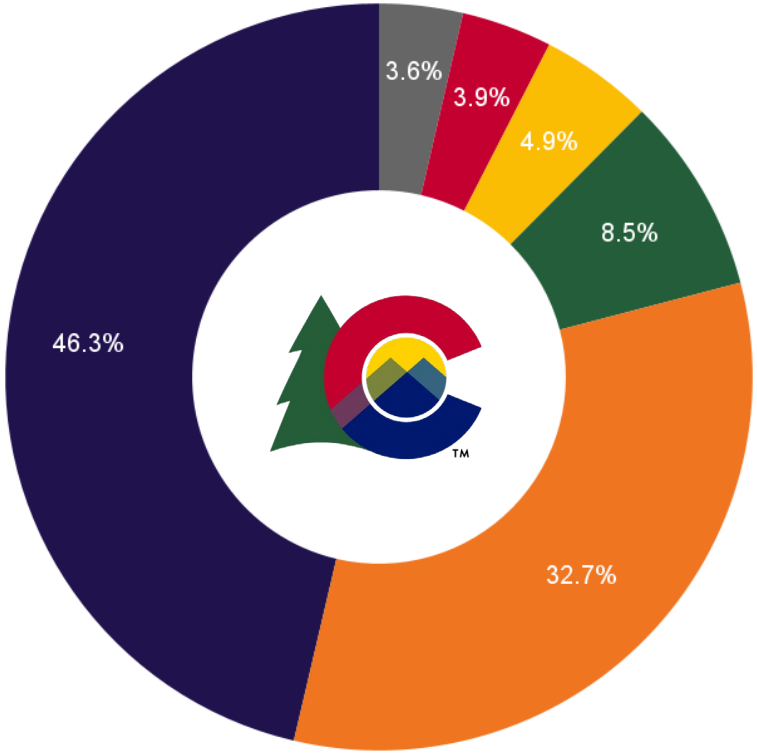


Where Do CDOT Funds Come From? FY 2024

Federal Programs
$832.9M
18.4 cents per gallon paid at the pump

Highway Users Tax Fund
$588.3M
Fuel taxes and fees, vehicle registrations, traffic penalty revenue, FASTER, Retail Delivery Fee

Bridge & Tunnel Enterprise
$152.9M
FASTER fees, Bridge Impact Fee, Retail Delivery Fees



Aeronautics
$65.0M
State aviation fuel tax

Other State Funds
$70.4M
Multimodal, State Safety Education, Capital Construction Fund, State Infrastructure Bank, miscellaneous revenue from permits, interest, etc.

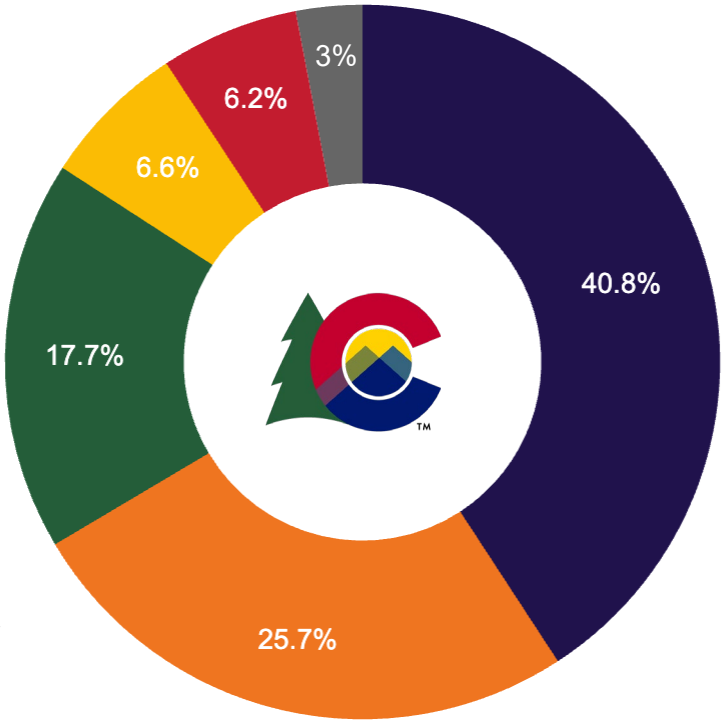
Other CDOT Enterprises
$87.8M
Colorado Transportation Investment Office, Clean Transit Enterprise, Nonattainment Area Air Pollution Mitigation Enterprise

How Are Funds Allocated? FY 2024

Multimodal Services
$53.9M (3%)
Innovative Mobility, NEVI, 10-Year Plan Projects (Transit), Rail Commission, Bustang

Other Programs, Debt Service, Contingency Funding
$112.3M (6.2%)
State safety education, planning and research, State Infrastructure Bank, Debt Service, Contingency and Reserve funds

Administration and Agency Operations $118.8M (6.6%)
Appropriated Administration budget, agency operations and project initiatives



Capital Construction
$733.4M (40.8%)
Asset Management, Safety Programs, 10-Year Plan projects, Regional Priority Program

Maintenance and Operations
$461.5M (25.7%)
Maintenance Program Areas, Strategic Safety Program, Real-time Traffic Operations, ITS Investments

Suballocated Programs
$317.7M (17.7%)
Aeronautics funding, sub-allocated federal programs, Revitalizing Main Streets

CDOT's 10-Year Plan

The 10-Year Plan (2019-2029) consists of a four-year "funded plan" and six years of "other project" priorities

The 10-Year Plan Includes:

- Strategic Pipeline of Projects
- 1,000+ lane miles touched
- 15 rehabilitated or new transit facilities
- A focus on taking care of our system: over 50% of funds go to improving the condition of our roadway system The full 10-Year Plan project list & funding status can be found HERE

CDOT has made significant progress to catch up on critical road and bridge repairs, add travel options, relieve traffic choke points, make critical safety improvements, and bring transit to new corners of the state.

A few highlights:

- CDOT has completed **54 projects** projects to date, with an additional **40 projects** currently under construction
- **100%** of the projects in the first four years are complete or under construction, and **over half** of the full 10-Year Plan is now complete or in progress
- With progress on the 10-Year Plan well underway, CDOT will continue building the connections to keep our state thriving

Denver Metro Region At a Glance:

PROJECTS COMPLETED IN 2023 18

UNDERWAY PROJECTS 34

PROJECTS TO BEGIN IN 2024 21

2023 Statewide Key Accomplishments

122 total projects completed

$73.5 million grant funding won

109 projects awarded

818 rural miles improved

$661 million awarded to contractors

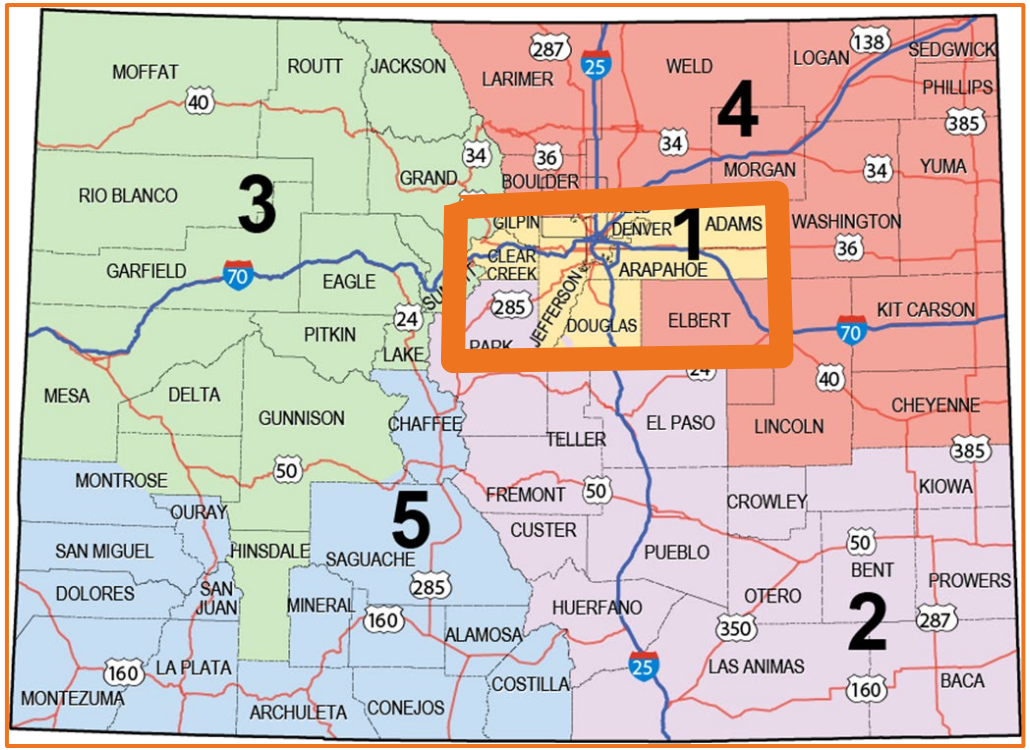
6.2 million lane miles plowed

$860 million paid to contractors

100% of the projects in the first four years of the 10-Year Plan plan are complete or under construction

25 % increase in Bustang System-wide ridership

Region 1



- Region 1 has 4,100 lane miles
- 8 counties (Arapahoe, Adams, Broomfield, Clear Creek, Douglas, Denver, Gilpin, and Jefferson)
- 56 local agencies
- 750+ employees
  - 5 Engineering Programs
  - 3 Maintenance Sections

Vehicles drive an average 39 million miles a day on the Region 1 roads.
That's 166 trips to the moon everyday!

Region 1 Major Projects

I-70 West: Floyd Hill (Veterans Memorial Tunnels to Floyd Hill)

Eliminates bottleneck at Floyd Hill, adds managed lanes, replaces aging infrastructure, improves safety

Eisenhower - Johnson Memorial Tunnel Repairs

Critical repairs & safety improvements to 50 year old historic tunnels

I-270 Improvements (I-25 to I-70)

Will replace aging infrastructure and improve flow of goods and services on critical corridor

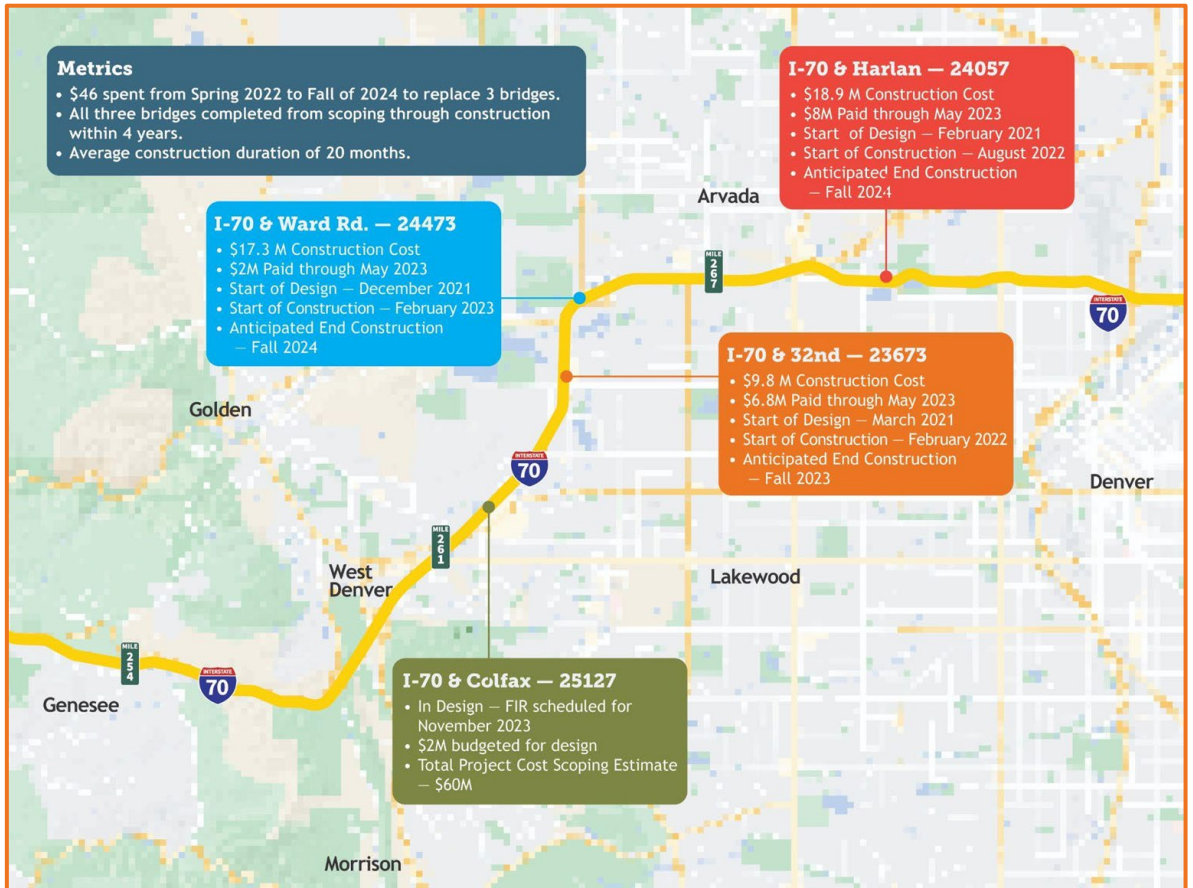
US 6 and Wadsworth Blvd Interchange

Will replace aging infrastructure and improve mobility and connectivity

Regionwide Arterial Bus Rapid Transit (BRT)

Will add 5 new BRT corridors by 2030

Region 1 West Metro Bridges Replacements



Region 1 Resurfacing Projects

- SH 72 (Ward Rd.) Full-Depth Reconstruction: I-70 to 52nd Ave. (CY 2026)
- SH 121 (Wadsworth Blvd): 65th Ave. to 90th Ave. (CY 2028 or CY 2029)
- SH 93 W. 58th Ave. to SH 128 (CY 2028 or CY 2029)

Safety and Operations Funded Projects

Recently Completed

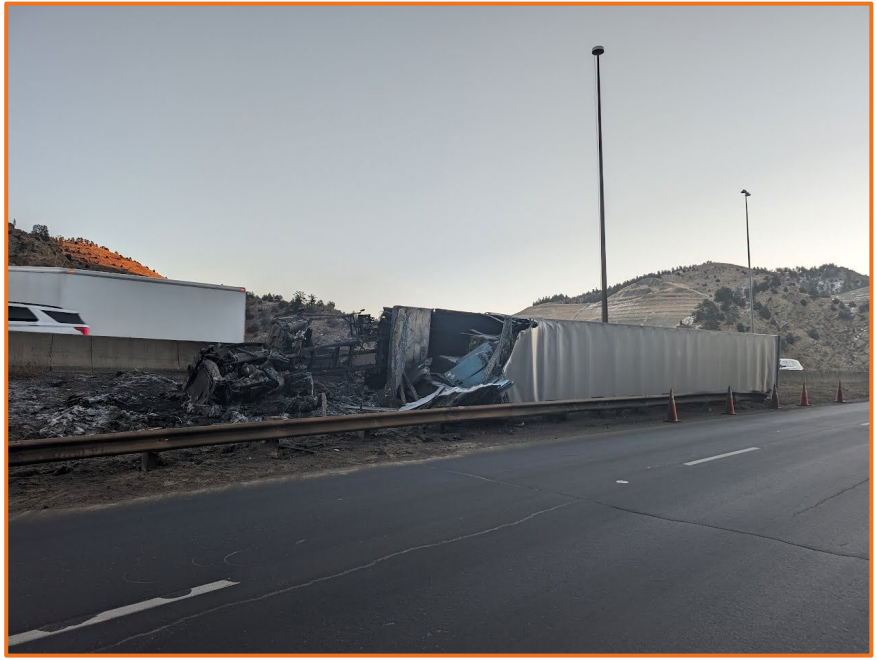
- Wadsworth Right Turn Lane Extensions Between 69th to 72nd. Completed 2020 (City of Arvada)
- 58th & Independence/Ralston & 86th & Kipling Intersection Improvements. Completed 2023 (City of Arvada)
- 58th & Kipling Intersection Improvements. Completed 2023 (City of Arvada)
- Signal Cabinet Replacement along SH 72, and added wavetronix advanced detection to the mainline at each signal. Completed in 2019 (CDOT)
- Wadsworth Resurfacing and Detection Replacement from I-70 to 64th. Completed in 2022 (CDOT)
- SH 72 Resurfacing- Included signal rebuild @ 64th & Gardenia. Full stop bar detection replacement from Eldridge to Ward. Completed in 2023 (CDOT)
- Wadworth Signal Replacements @ 66th & 84th/87th (along with 104th in Westminster). Completed 2023 (CDOT)

Under Construction/ Future Projects

- Wadsworth Signal Upgrades @ 90th, 94th, Independence, 100th & 101st. Under Construction. (CDOT)
- 64th & Simms and 80th & Vance Intersection Improvements. Estimated AD: 10/1/2024 (City of Arvada)
- 58th & Ward Intersection Improvements. Estimated AD: 12/26/2024 (City of Arvada)
- SH 95 & 64th Intersection Improvements Estimated AD: 05/15/2025 (CDOT)
- SH 72 & 80th Ave & SH 128 @ Indiana & McCaslin Signal Upgrades. Estimated AD FY 27 (CDOT)

Maintenance and Operations Region 1 FY 23 Major Activities

- Tunnel Operations - **24/7 operations** with Firefighting capabilities
- Snow fighting operations - Plowed, sanded and/or de-iced **1.35 million miles**
- Striped **2,642 line miles**
- Nighttime brooming operations - **Broomed 6,500 miles** of shoulders, ramps and flyovers.
- Pothole repair - **Patched 20,399 sq. yds** of concrete and asphalt
- Debris removal - **Removed 18,358** cubic yards of debris from our systems.
- Incident Response - **86% of incident responses** across the state are in Region 1.



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Thank You!

Region 1 Director:
Jessica Myklebust

Deputy Directors:

Program Delivery
Andrew Stratton, P.E.

Traffic Safety and Operations
Angie Drumm

Maintenance
Shawn Smith

CITY OF ARVADA

REPORT TO CITY COUNCIL WORKSHOP

AGENDA ITEM 2.B.

TO: THE HONORABLE CITY COUNCIL DATE: August 12, 2024

SUBJECT: Sidewalk Repair Assistance

Report in Brief

This workshop will discuss a potential approach to a new Sidewalk Repair Assistance Program. Background will be shared on the city's former 50/50 Program and the requirements of the ADA Accessibility Guidelines for the Public Right-of-Way. Council direction on the desired level of city responsibility to repair/reconstruct/add sidewalks through the assistance fund or other current practices will be received, including whether income qualification criteria should be included.

Background

Except where major capital maintenance is scheduled, in the City of Arvada the responsibility for sidewalk repairs, reconstruction and maintenance is the duty of the property owner (Sec. 94-31. - Duty to maintain, repair and reconstruct). This expense may be especially burdensome to some residents, particularly as requirements associated with Public Right-of-Way Accessibility Guidelines (PROWAG) are applied.

Since the 1980s, the City has had what was known as the "50/50 Program" for sidewalks (Sec. 94-36. - Cost sharing and completing the work), which was used as an incentive to support code enforcement for repairs. Historically, installment payments were made available to serve those in need and later revisions to the code made it so that all property owners could pay interest-free installments.

With the development of the City's ADA Transition Plan, Engineering Code Updates adopting PROWAG standards, and recognition that the program criteria could be updated, the 50/50 Program was discontinued in 2022. It was recognized at that time that any new policies or related program may be substantially different from the past program.
Through the City Council New Business Request Process, the Arvada team reviewed potential updates for a sidewalk repair assistance program and this workshop presents these elements.

Strategic Alignment

This work aligns with the Infrastructure Work System Services INF4: Innovates safe, accessible, and efficient connections to modes of transportation, including transit, streets, sidewalks and bikeways and INF7: Ensures compliance with federal and state regulations including environmental laws and the Americans with Disabilities Act.

Next Steps

With the council direction received at the workshop, the Arvada team will work to establish the resources to stand up the sidewalk assistance program.

Prepared by:
Jacqueline Rhoades, Public Works Director

Reviewed by:

Approved by:

Chris Lisberg, Assistant City Engineer	7/23/2024
Jacqueline Rhoades, Public Works Director	7/24/2024
Bryan Archer, Director of Finance	7/25/2024
Tammy Hedlund, Legal Specialist	7/25/2024
Kelsy Sargent, Assistant City Attorney	7/25/2024
Don Wick, Deputy City Manager	7/25/2024
Rachel Morris, City Attorney	7/29/2024
Linda Haley, Deputy City Manager	7/29/2024

Enclosure, exhibits & attachments required to support the report

Sidewalk Repair Assistance Program

2024 Council New Business Request

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Presentation Outline

Sidewalk in Arvada Today

City Ordinances

How Sidewalks are addressed today

50/50 Program Background

Sidewalk Assistance Program Framework

Council Direction and Next Steps

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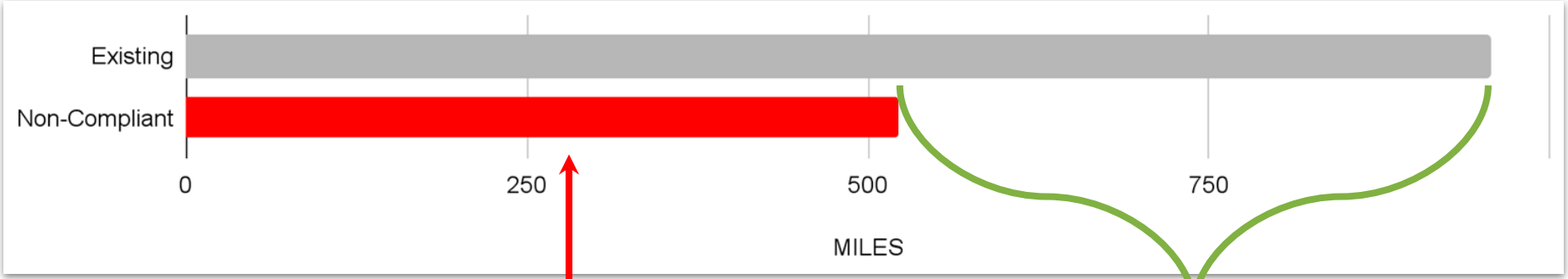
Sidewalks in Arvada Today



*UPGRADE COST $385 M**

45% of the network has compliant width (48”)

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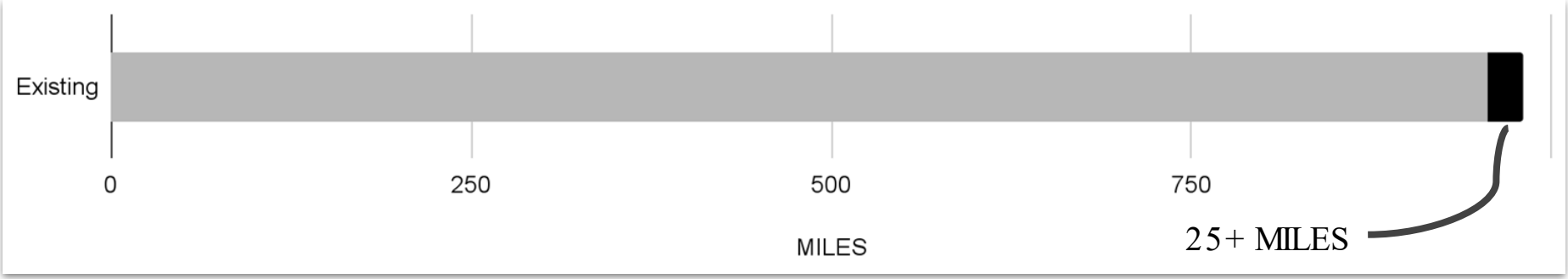
*Planning level - Does NOT include peripheral impacts (i.e. ROW, driveways, water meters, road, removals, etc)

Sidewalk Widening

Sidewalks narrower than 48 inches do not provide the minimum acceptable width for accessibility per PROWAG standards.

Narrow Street	Expand Out
• Ensure fire lane width • Likely impacts to on-street parking and bike lanes • Inlet modifications/replacements	• Lengthy time and costly for ROW • Impact to water meters/lines • Private property removals/resets • Driveway reconstruction • Greater peak discharge of stormwater runoff

Sidewalks in Arvada Today, cont.



Cost per ¼ mile of last three missing sidewalk projects

$711k $277k $196k

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City Ordinances

Sec. 94-31. - Duty to maintain, repair and reconstruct

(a) It shall be the duty of every owner of property located within the city to repair, reconstruct and maintain in good order all curb, gutter and sidewalks on, abutting or adjacent to the property.

(b) It is unlawful for any owner to fail, neglect or refuse to comply with the requirements of any such notice served upon or in accordance with the provisions of this chapter, within the time specified therein, and each day's neglect and refusal to comply with the terms of said notice shall constitute a separate offense.

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City Ordinances, cont.

Sec. 94-36. - Cost sharing and completing the work

(a) Except where public streets are scheduled to undergo major capital maintenance..within two years, curb, gutter and sidewalk shall be maintained on a 50/50 cost sharing basis..The city shall pay the entire cost of..replacement or repair..scheduled to undergo major capital maintenance..within two years…

(b) The property owner may elect to hire a contractor licensed...The property owner will be reimbursed by the city for half the reasonable cost…

(c) The property owner may elect, when offered by the city, to have the work performed by the city's contractor; however, the property owner's share of the reasonable cost shall either be paid prior to starting work or secured by a promissory note with interest-free monthly installments.

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How Sidewalks Needs are Addressed today

Streets Field Team

Pavement Program Concrete

CIP Projects

Missing Sidewalks Program

Developments

ADA Grievances

Enforcement

Haskins Station

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50/50 Program Background

30+ years old originating in the 1980's

Population was ~85,000

Originated as support and incentive for low income households to respond to code enforcement to help with hazard mitigation for sidewalks

$100,000 budget was allocated in 1988 ($265k in 2024 dollars) and intended for residential homeowners

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50/50 Program Background, cont.

Became the "standard" with a 10 installment payment plan and an interest rate not to exceed 8%. Revised in 2004 so that all property owners can pay in interest-free installments.

In 2019, the CMO Process Ninjas reviewed the program with recommendations to review ADA challenges and funding options.

Discontinued in 2022 to review the ADA Transition Plan and acknowledging that a new and different program and policies were needed.

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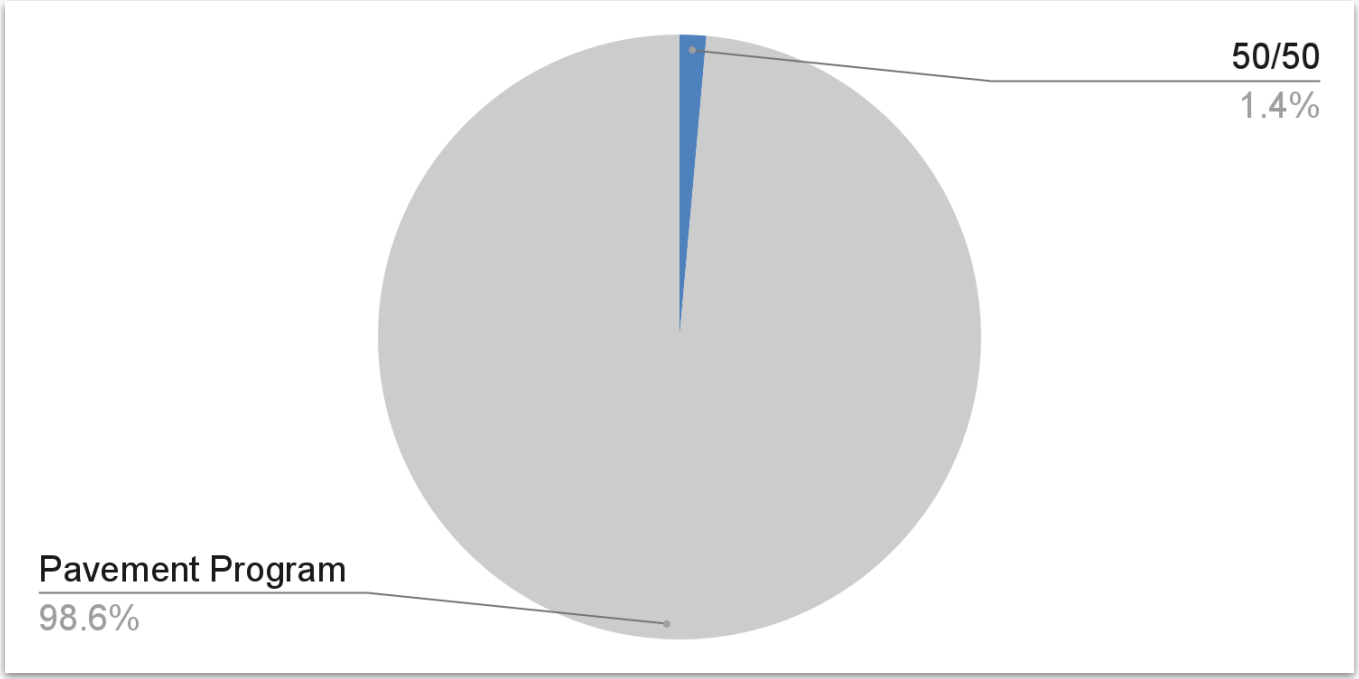
50/50 Program Snapshot (2020)

- 76 Requests
- 34 Customers served
- 1300 LF replaced



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Assistance Fund Framework

Propose new program and funding, with potentially utilization of Community Development Block Grant funding to be dedicated to qualified residents

No HOA's or businesses

Utilize City Contract
Rebate if pre-pavement

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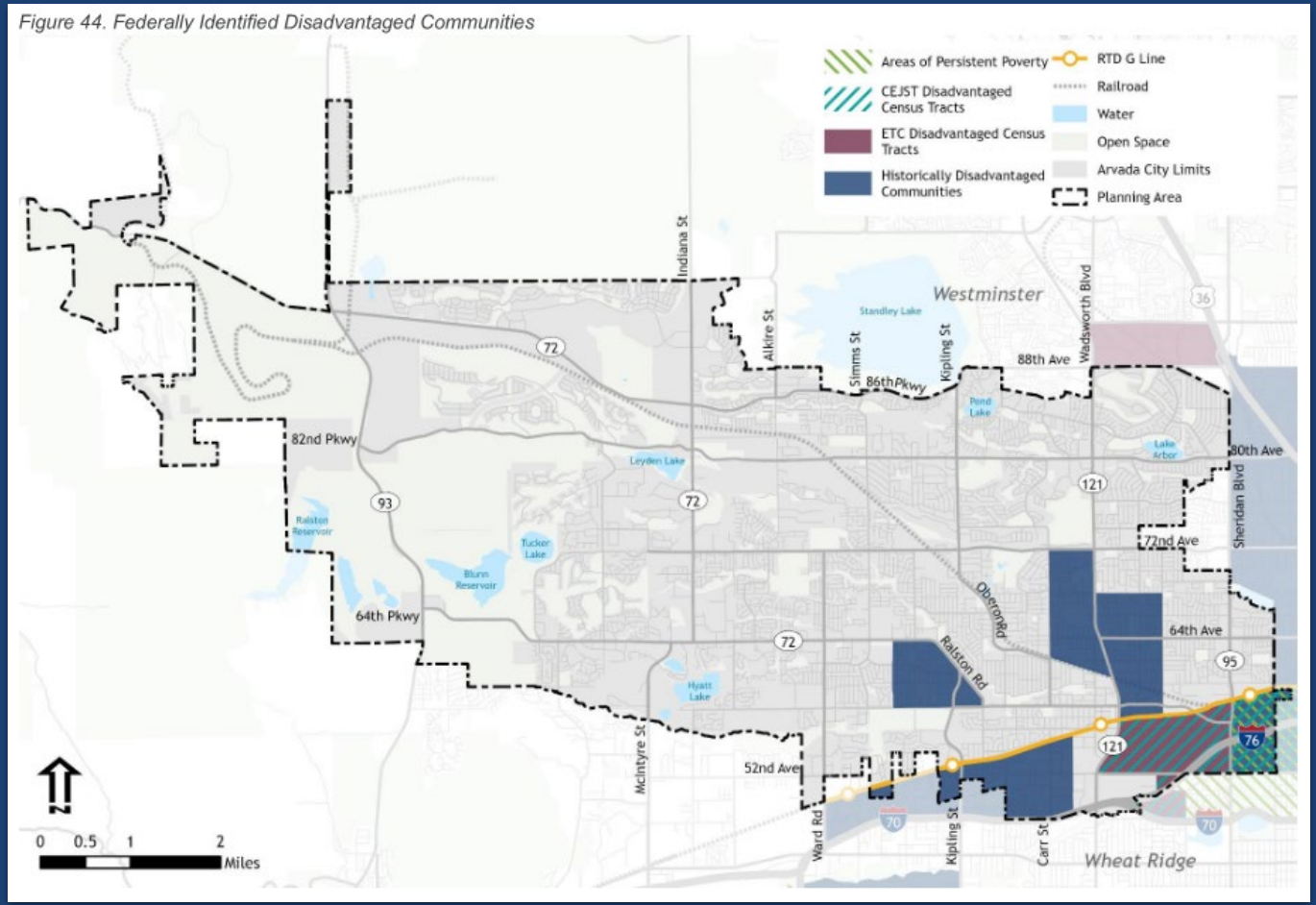
Assistance Fund Framework, cont.

Figure 44. Federally Identified Disadvantaged Communities



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Assistance Fund Framework, cont.

For $500,000?

- 4500 lf of sidewalk
- 250 households with two stones

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Considerations

Advantages	Disadvantages
Responsive	May replace in kind (non-compliant widths)
Housing division involvement	Reactive program
Potential Grant funding	Grants = Federal Requirements
Funding targeted for residents in need	Does not address whole network needs
Access to cost effective contractor	
Pathway for enforcement	

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Council Direction

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REPORT TO CITY COUNCIL

AGENDA ITEM 2.C.

TO: THE HONORABLE CITY COUNCIL DATE: August 12, 2024

SUBJECT: Staff Updates

Report in Brief

The purpose of this workshop is for staff to provide City Council with brief updates on projects and issues that do not require a full workshop.

Prepared by:
Chris Koch, CCO Admin

Reviewed by:

Approved by:

Enclosure, exhibits & attachments required to support the report