

College Avenue Infrastructure Improvement Project

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Collins Streets Department



01

Bring awareness to this significant infrastructure project in downtown

02

Ensure the proposed project is in alignment with current Council priorities

03

Seek feedback, concerns, or suggestions related to the project approach and timing

Existing Water Distribution System

- First developed in the 1880's
- Over 560 miles of existing water mains
 - 32 miles of 4-inch cast iron mostly concentrated in the Downtown area

Aging infrastructure

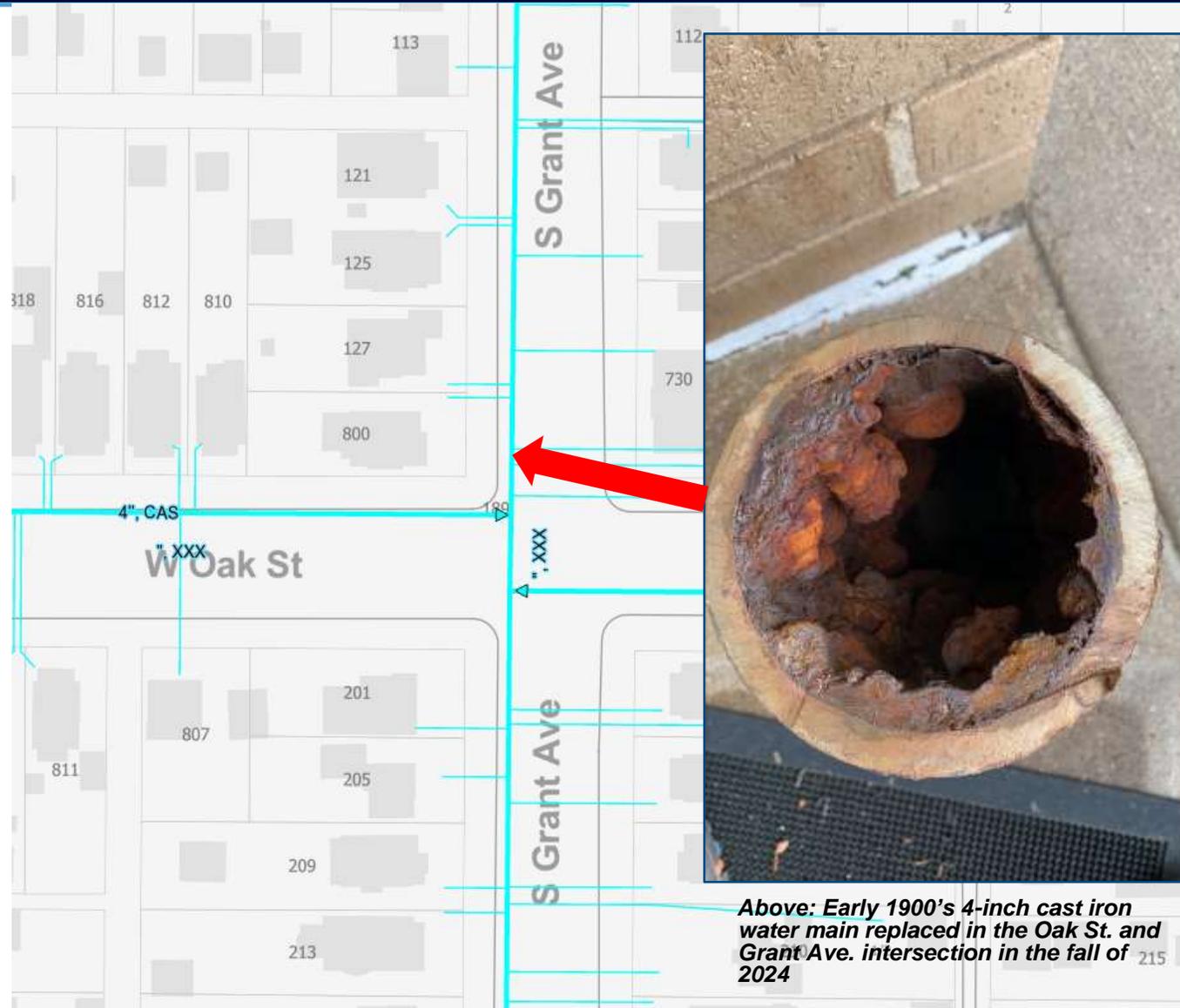
- Increase in main breaks, service outages
- Water quality issues, and decreased hydraulic capacity (fire flows at hydrants)

2018 Water Distribution and Wastewater Collection Master Plan

- Evaluated current system
- Identified water mains in need of replacement
 - **College Avenue water main**

Streets Maintenance Program

- Last maintenance – 2010



Above: Early 1900's 4-inch cast iron water main replaced in the Oak St. and Grant Ave. intersection in the fall of 2024

- 2025-2026 BFO Offer 5.32 Utilities: Water – College Avenue Water Main Replacement
- Strategic Objective SAFE 5.5
 - Provide and maintain reliable utility services and infrastructure that directly preserve and improve public health and community safety
- Partial funding in 2025 (\$1,000,000) for design and full funding in 2026 (\$2,527,000) for construction

2024 – Discussions with Utilities Staff and Major Stakeholders.

- Preliminary Scope/Cost Estimate
- BFO Offer Submitted

2025 – BFO Offer Approved

- Work Order for Design Consultant
- Initial Outreach

2026 – Selection of Contractor

- Design Support Work Order for Contractor
- Work Order for Construction

Project Extent

- Mulberry St. to Laporte Ave.
- Numerous crossings to loop system
- Laterals at Magnolia St., Olive St., and E. Oak St.

Replacement of Existing Eastern Water Main

- Eastern main – 4-inch cast iron installed in the early 1900's
- Install new 12-inch water main, hydrants, valves, and other appurtenances

Other One Water Work

- Stormwater
- Wastewater

College Avenue Paving – CDOT and Streets

- On-going negotiations for cost share



Outreach

- DDA Meetings – business feedback
- North Fort Collins Business Assoc.
- Local Legislative Affairs Committee
- Face to face with businesses
- Executive Leadership Team
- Water Commission

Data Collection

- Detailed ground survey and utility locates along 5 blocks in downtown
- SS and SW manhole investigations
- ~130 Utility Potholes
- Evaluation and investigation of existing infrastructure

Design

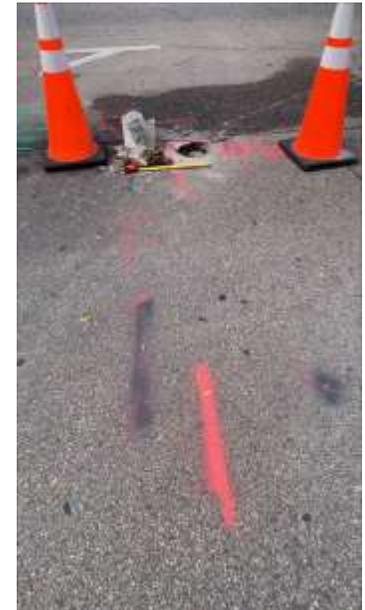
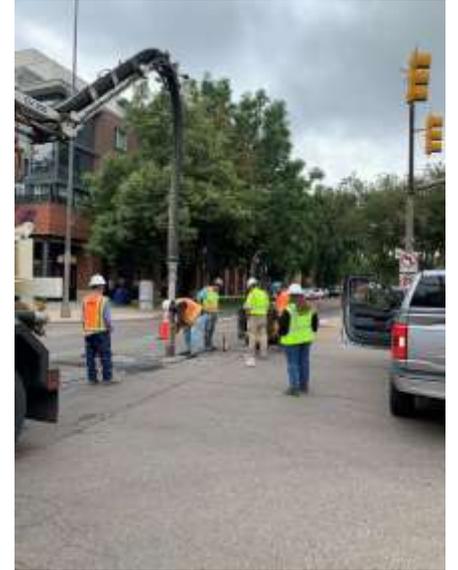
- 30% Design as of December 1st
- Coordination with SMP Program, CDOT, WFO (stormwater and wastewater), Parks

Cost Estimating

- Initial BFO cost estimate
- 30% Engineers Estimate

Construction Contractor RFP

- Posted in January 2026
- Contractor on board by March 2026



- **DDA Meetings and Business Input**

- Time of year for construction
- Phasing of construction
- Access

- **Business Input**

- Parking and access
- Water outages
- Coordinated approach

- **ELT Input**

- Coordination around special events
- Sidewalk impacts
- Other downtown projects
- Parks median upgrades
- Consider creative approach



Outreach

- CDOT Region 4
- Executive Leadership Team

Data Collection

- Concrete maintenance needs collected in corridor
- Pavement condition assessment

Cost Estimating

- Engineers Cost Estimate Total ~ \$800K

Construction Contractor

- Concrete to be done by waterline chosen contractor
- City Streets crews to perform asphalt night work

Project Funding

- Asphalt material cost being requested from CDOT
- ¼ Cent Sales and Use (S&M) Tax Reserves being requested for City Streets Crew Labor and Equipment
- Any funding shortfalls to be sought after from 2027 Budget Cycle



• Risk Identification

- Dense urban environment
- Arterial roadway
- Utility crossings and unknown utilities
- Subsurface soil conditions
- Project costs
- **Impacts to downtown businesses and residents including public safety**

Lessons Learned

- 2014 College Ave water project
- 2017 Walnut St. water project
- Downtown alley projects
- Loveland HIP project

Opportunities

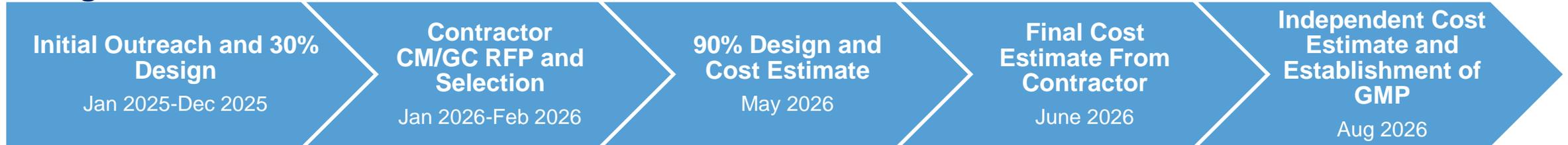
- Parking Services - supplemental parking
- Economic Health - business support
- Construction phasing – maximize production, minimize impacts
- Multi-departmental and agency coordination



- **Traffic Control**
 - Northbound lane closure
- **Water Shutdowns**
 - Coordinated to limit impacts
- **Parking**
 - Limited on blocks with active construction
- **Sidewalk Pedestrian Traffic**
 - Remain open or alternative detour
- **Business Access**
 - Remain open at all times
- **Deliveries**
 - Handled on individual basis



Design



Preconstruction and Construction



Questions?

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