



Capital Projects Overview



Heather McDowell, Capital Projects Manager, One Water

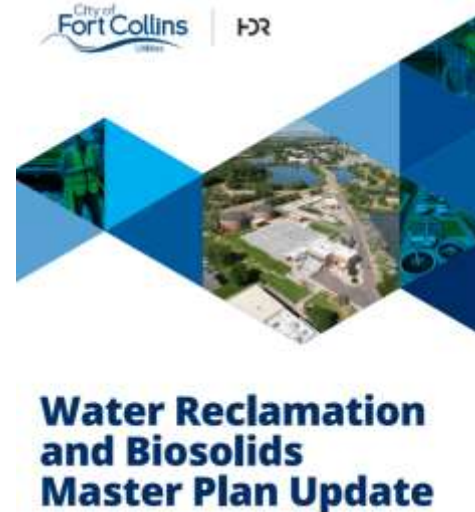
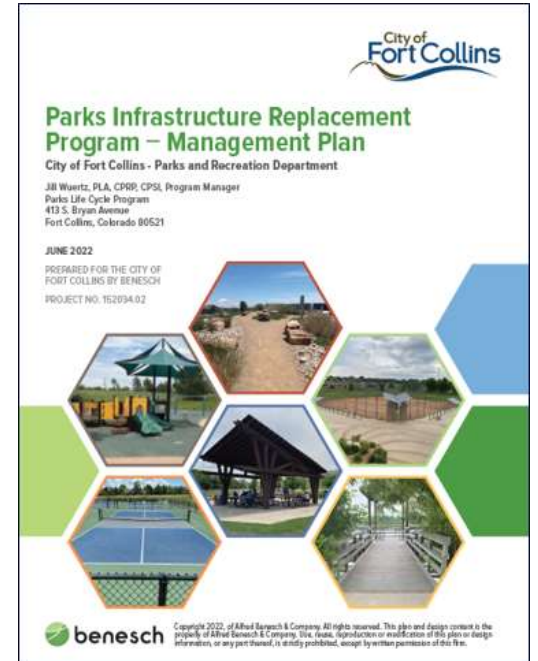
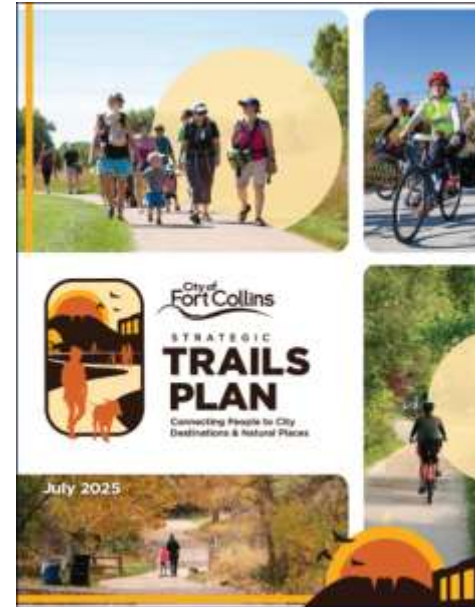
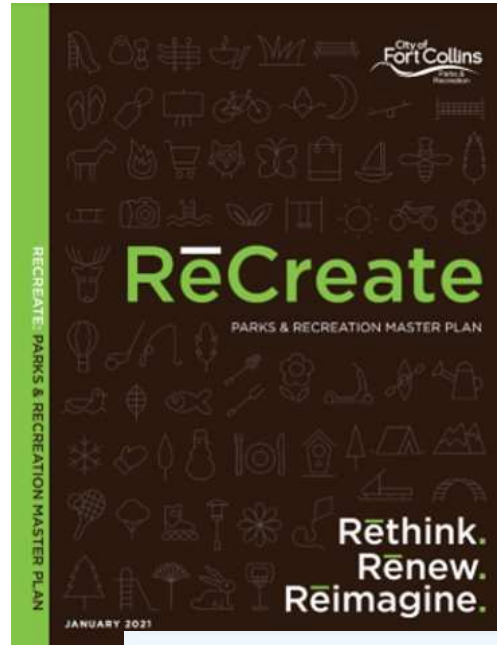
LeAnn Williams, Deputy Director, Community Services

Dana Hornkohl, Capital Projects Manager, Engineering

Brad Buckman, City Engineer

Questions for Council

1. Are there specific questions about any of the projects?
2. What other information in general would be helpful to Council for this capital projects update?



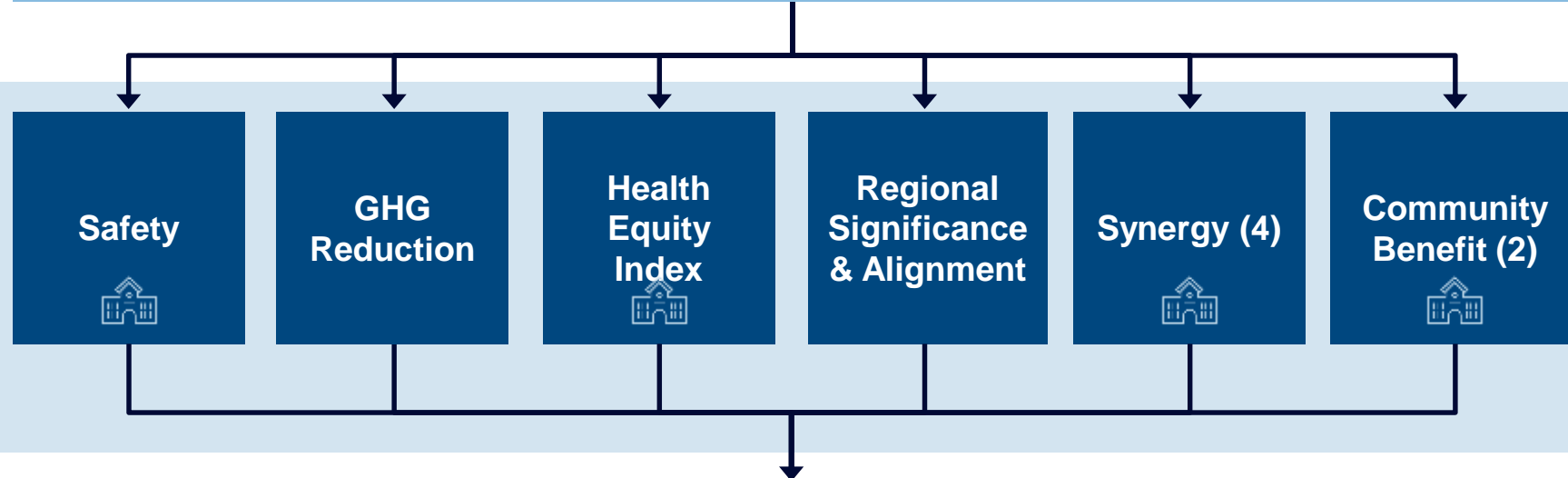
Project Prioritization: Transportation Capital Improvement

STEP **1** **Project Need & Identification**

PRIORITIES, OBJECTIVES, PLANS, STUDIES AND PROGRAMS

- Active Mode Plan
- Strategic Trails Plan
- Transportation Capital Projects Prioritization Study

STEP **2** **Evaluation Criteria**
(varies by plan/program)



STEP **3** **Project Lists**

PROJECT TYPES	EXAMPLES
Active modes system improvements Road and intersection improvements Bicycle/pedestrian grade separated crossings	Laporte Bike Lanes, City Park/Mulberry College/Trilby, South Timberline Siphon, Power Trail at Harmony

Web Based Tool

- Overall ... 0 - 100
- Safety S... 1 - 5
- Greenhouse Gas... 1 - 5
- Health Equity Index (HE... 1 - 5
- Regional Significance/Alignm... 1 - 5
- Synergy (Streets... 1 - 5
- Synergy (Utilities... 1 - 5
- Synergy (Forestry... 1 - 5
- Synergy (Other... 1 - 5
- Community Benefit (Bik... 1 - 5
- Community Benefit: Pedestri... 1 - 5

Fort Collins TCI Dashboard

January 2025

- TCI Project**
No category selected
- Primary Street**
No category selected
- Project Cost**
\$0 - \$70.747M
- Project Status**
No category selected
- Primary Project Type**
No category selected
- Secondary Project Type**
No category selected
- Begin Construction Year**
No category selected
- Individual Projects (Map 2)**
No category selected

Total TCI Projects Selected

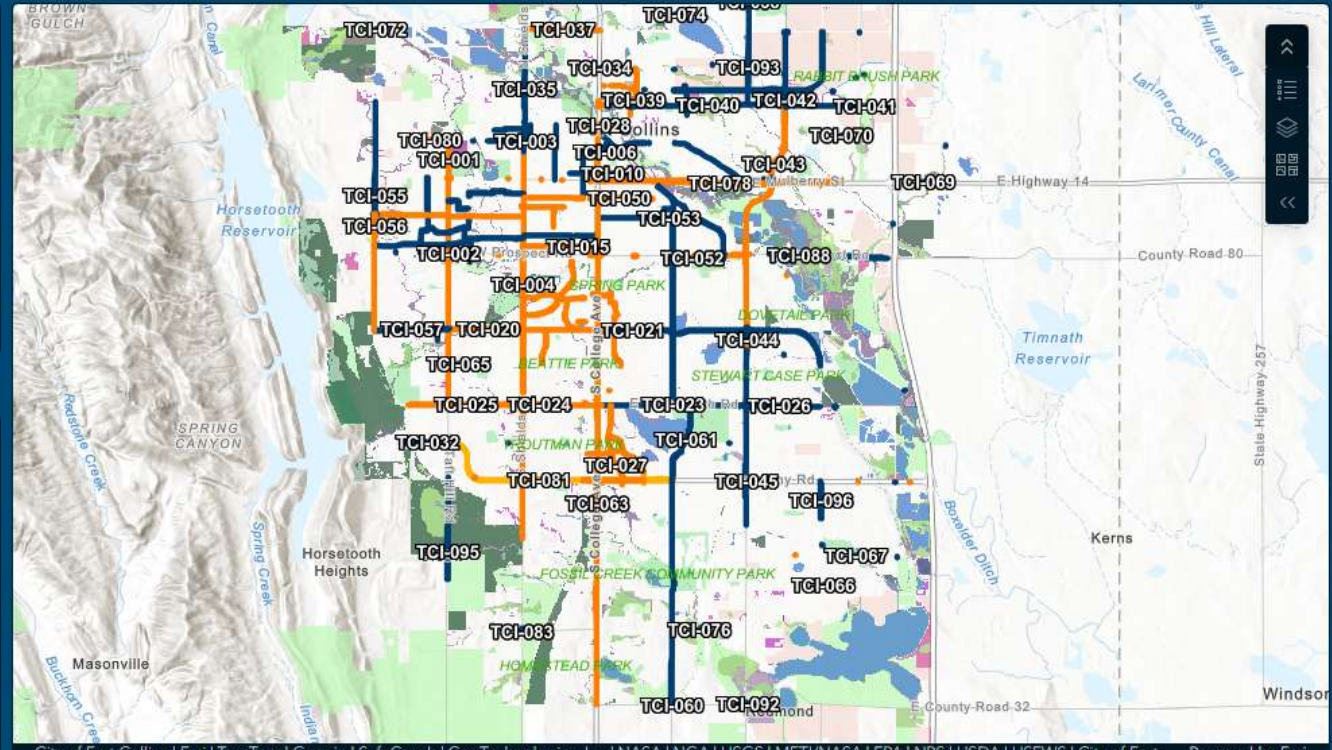
88

Map 1 - TCI Projects

Total Cost of TCI Projects Selected

382.3M

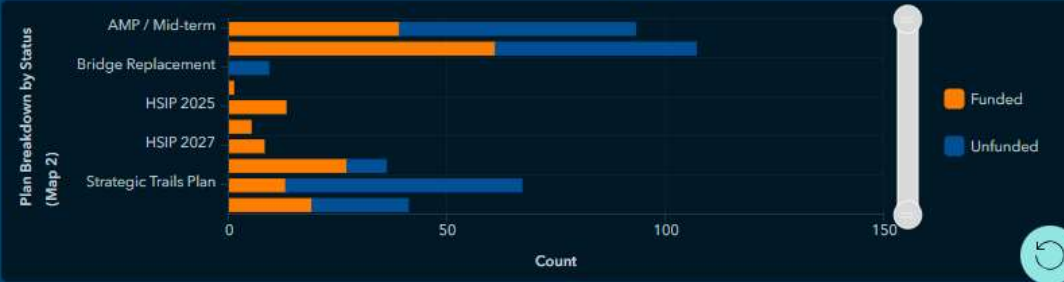
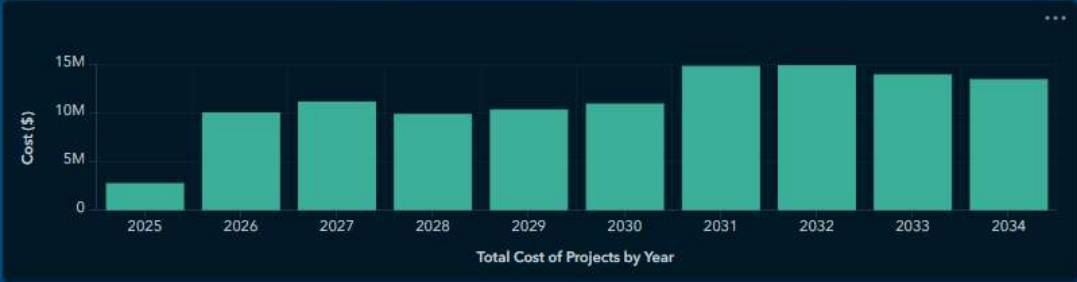
Map 1 - TCI Total Cost



- TCI-002: S Taft Hill Road - Bronson Street to W Elizabeth Street**
Intersection improvements, separated bike lanes and pedestrian spot improvements along Taft Hill Road.
Draft Score: 82
Cost: \$2,998,800
- TCI-043: N Timberline Road - E Prospect Road to E Vine Drive**
N Timberline Widening (Mulberry to Vine). Separated bike lanes from Prospect to Mulberry. Grade separations north of Mulberry. Median replacement along alignment. Intersection improvements from AMP on E Prospect Road and S Timberline Road.
Draft Score: 81
Cost: \$14,746,710
- TCI-030: W Mulberry Street - S Taft Hill Road to S Mason Street**
Signal operations and geometric redesign along E Mulberry Street (AMP).
Draft Score: 77
Cost: \$1,245,200
- TCI-028: N College Avenue - E Magnolia Street to Willow Street**
Signal operations (AMP) improvements along College Avenue and Vine Drive.
Draft Score: 75
Cost: \$109,000
- TCI-033: E Harmony Road -**

City of Fort Collins | Esri | TomTom | Garmin | SafeGraph | GeoTechnologies, Inc | NASA | NGA | USGS | METI/NASA | EPA | NPS | USDA | USFWS | City of Fort ... Powered by Esri

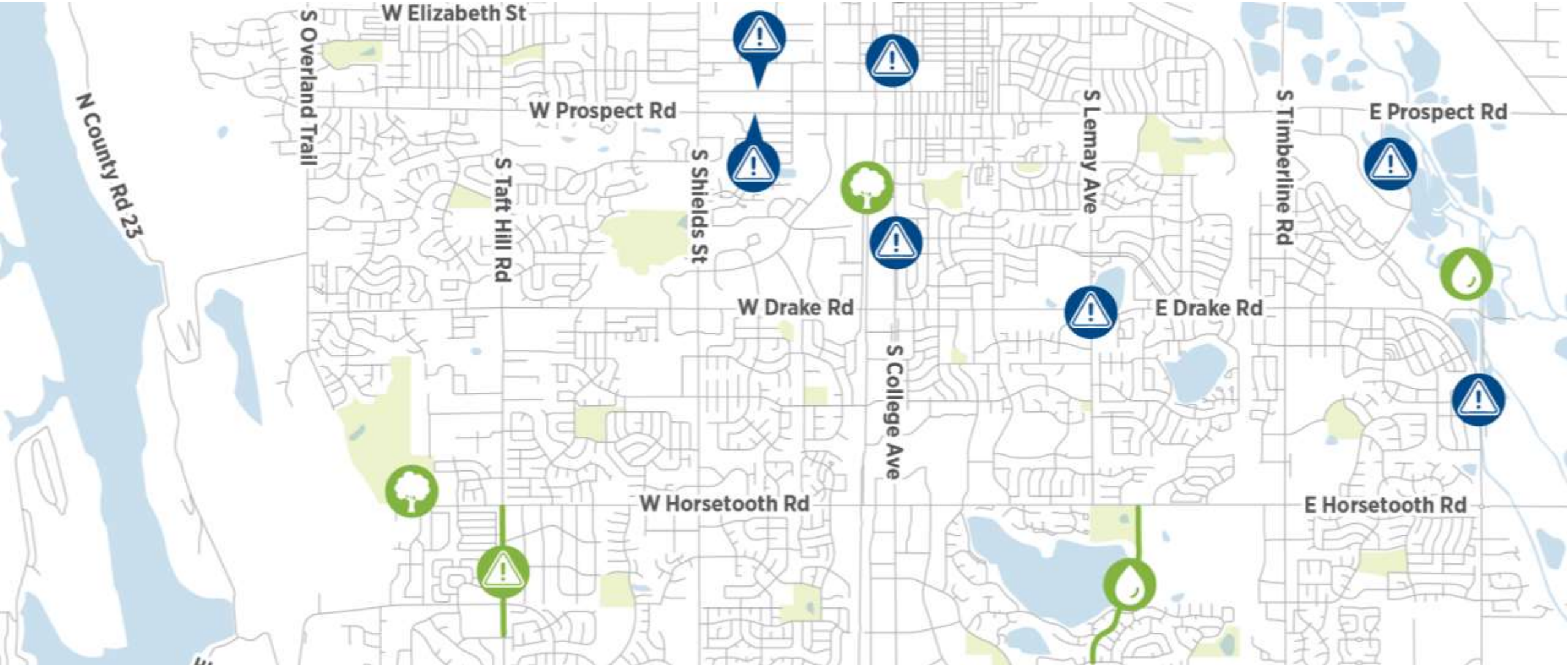
- TCI Projects Map
- Individual Projects Map
- TCI Projects Table
- Individual Projects Table

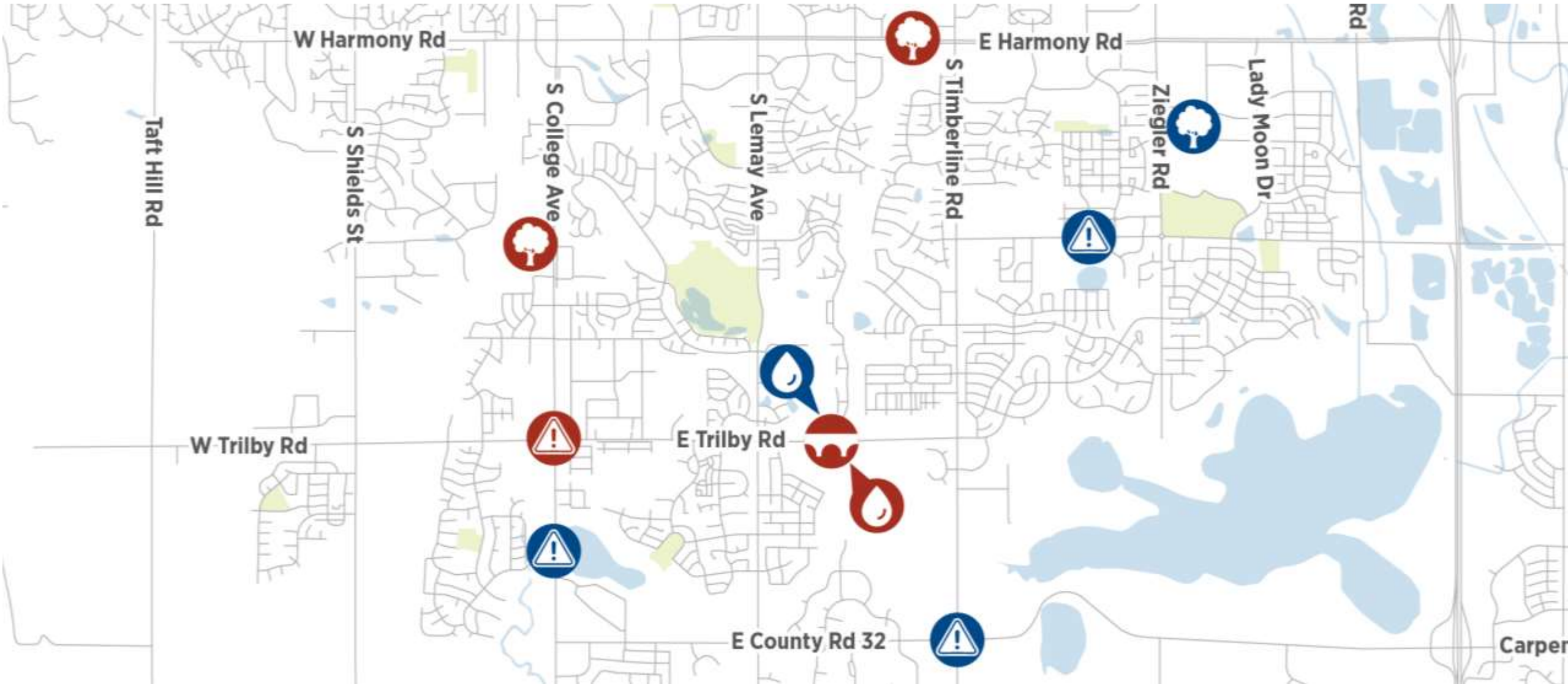


Project Category	Department	# Projects / Total Cost	Strategic Objective / Council Priority
Roads / Intersections	Engineering	3 / \$39.7M	T&M 7.1 / Vision Zero, Economic Vitality
Grade Sep Crossings / Active Modes	Engineering / FC Moves / Parks	8 / \$27.5M	T&M 7.1 / Vision Zero
Signals	Engineering / Traffic	3 / \$5.8M	T&M 7.1 / Vision Zero
Asset Mgt (Bridges/Streets)	Engineering / Streets	4 / \$10.4M	HPG 1.4 / Vision Zero
Trails / Parks	Parks	5 / \$9.5M	C&R 2.1 / HPG 1.4 / Economic Vitality
Community Centers	Recreation	1 / \$77.5M	C&R 2.1 / Economic Vitality
Water Infrastructure	Water Utilities / Streets	3 / \$9.1M	ENV 4.2 / Economic Vitality
Stream Rehabilitation	Water Utilities	2 / \$11.5M	ENV 4.2
Stormwater Upgrade	Water Utilities	2 / \$57.2M	ENV 4.2 / Economic Vitality
Water / Wastewater Treatment	Water Utilities	<u>2 / \$90.7M</u>	ENV 4.2
		Total: 33 / \$339M	

Project	Department	Cost	Year of Execution
NORTH			
Vine/Timberline Intersection Improvements	Engineering/Traffic	\$ 2.2M	2026
Mountain Vista Bridge Replacement	Engineering	\$ 2.4M	2026
Shields Bike Lanes – Mountain to Mulberry	FC Moves/Engineering/Traffic	\$ 580K	2026
Neighborhood Park off Sykes Drive	Parks	\$ 6.4M	2027
North Mason Stormwater Project	One Water/Engineering	\$14.0M	2028
MIDTOWN			
Taft Hill Corridor – Horsetooth to Brixton	Engineering	\$ 10.4M	2026
Mason Trail / Spring Creek Trail Junction	Parks	\$ 400K	2026
Spring Canyon Park Splashpad Renovation	Parks	\$ 1.8M	2026
Lemay Avenue Waterline Replacement Project	One Water	\$ 3.2M	2026
Wastewater Treatment Facility Preliminary Treatment	One Water	\$ 90.0M	2027-2029
SOUTH			
College/Trilby Intersection Improvements	Engineering/One Water/FCLWD	\$ 21.8M	2026
Power Trail/Harmony Underpass	Engineering/Parks/Streets/FCLWD	\$ 13.1M	2026
Venus Dr. to Fossil Creek Trail Connection	Parks	\$ 400K	2026
Trilby Bridge Replacement	Engineering/One Water/FCLWD	\$ 2.6M	2026
Stream Rehab Program – Stanton and Fossil Creek (Carpenter to Trilby)	One Water	\$ 5.0M	2026

Project	Department	Cost	Year of Execution
College Ave Signals – Pitkin and Columbia	Engineering	\$ 2.1M	2026
College/Triangle Signal Improvements	Engineering	\$ 1.5M	2026
Timberline/Lincoln/Mulberry Improvements	Engineering	\$ 1.8M	2026
William Neal/Ziegler Intersection	FC Moves/Engineering/Parks	\$ 1.2M	2026
Vine Bridge Replacement	Engineering	\$ 4.7M	2027
Vine/Jerome Intersection Improvements	Engineering/Parks/FC Moves	\$ 0.8M	2026
Drake/Lemay Intersection Improvements	Engineering	\$ 1.0M	2026
Pedestrian Intersection Improvements	FC Moves/Engineering	\$ 1.5M	2026
Carpenter/Timberline Roundabout	Engineering	\$ 7.5M	2027
Irish Elementary Safe Routes to School	FC Moves/Engineering	\$ 7.5M	2027
Mulberry Overlay– College to Riverside	Streets	\$ 650k	2026
Old Town North Trail Extension	Parks	\$ 450K	2026-27
College Avenue Infrastructure Project	One Water/Streets	\$ 3.5M	2027
Stream Rehab Program – Fossil Creek (Trilby to Lemay)	One Water	\$ 6.5M	2027-2028
Oak Street Stormwater Project	One Water	\$ 45M	2026
Water Treatment Facility Comprehensive Plan	One Water	\$ 700K	2026
Joe Wright Reservoir Gate Replacement	One Water	\$ 2.4M	2026
Southeast Community Center	Recreation	\$ 77.5M	2026-2028





Vine/Timberline Intersection

Project Name: Vine/Timberline Intersection Improvements

Project Type: Capital Construction

Total Budget: \$2.2M

Project Phase: Construction ongoing



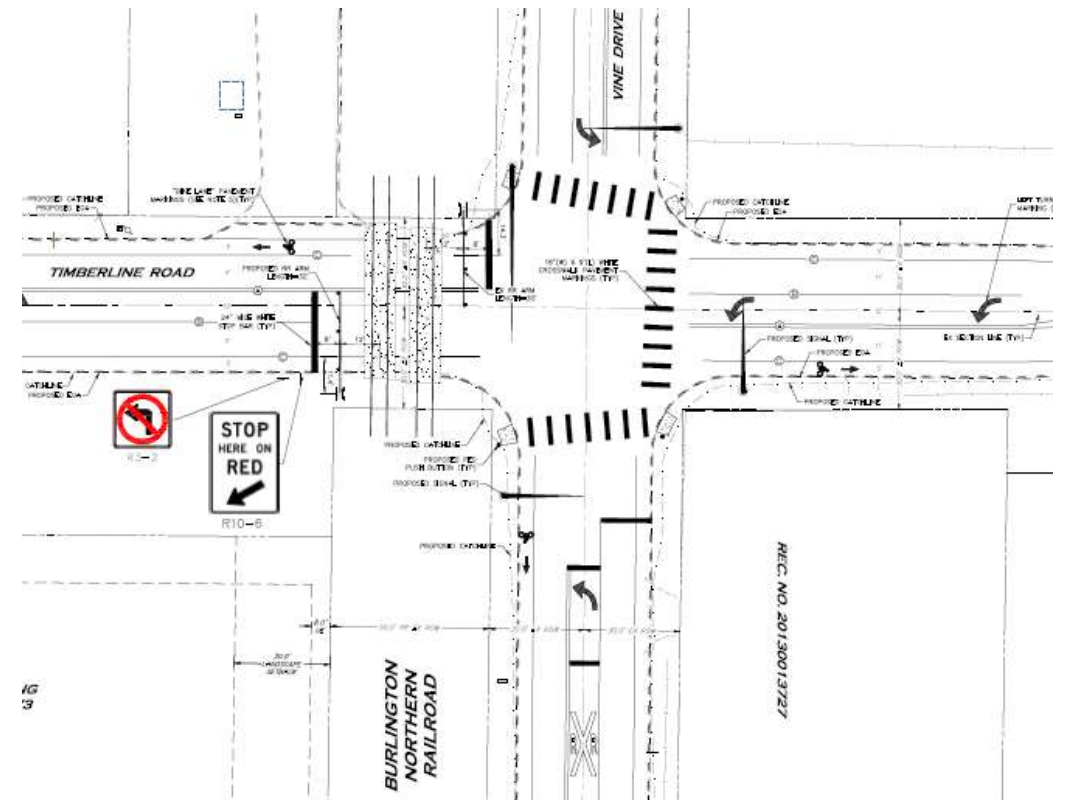
Primary Project Benefits: Increased safety with pedestrian improvements, signaling intersection with BNSF interconnection. Improved traffic flow through intersection.

Key Considerations: Coordination with railroad (BNSF), traffic impacts during construction. Engineering is managing the project. Traffic Operations is performing a large amount of the work including caissons, traffic poles, signals, and wiring. BNSF is performing the final interconnect. Large number of underground utilities in a compact site.

Strategic Alignment:

2026-2030 Strategic Plan: T&M 7.1 Make significant progress toward the City's Vision Zero goal to have no serious injury or fatal crashes.

2026-2027 Council Priority: Accelerate Progress Toward Vision Zero



Vine/Timberline Intersection Signage and Striping



Mountain Vista Bridge

Project Name: Mountain Vista Bridge Replacement

Project Type: Capital Construction/Asset Management

Total Budget: \$2.4M

Project Phase: Construction nearing completion

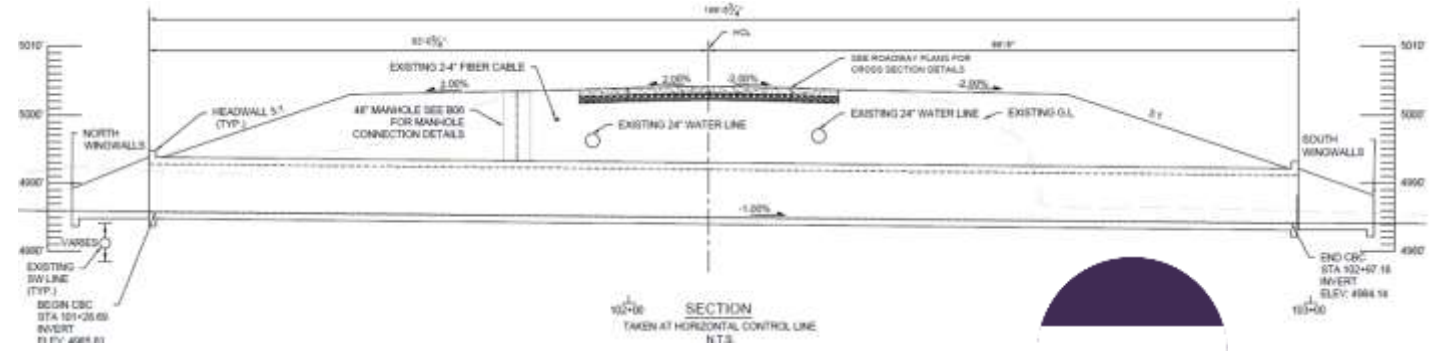
Primary Project Benefits: Replacing an existing bridge/culvert in poor condition. New bridge will accommodate future roadway (4 lane arterial) including bike lanes and sidewalks.

Key Considerations: Coordination with Number 8 Ditch, ELCO, PRPA, and Montava. Bridge Program responsible for funding project. Future Poudre School District facility immediately north of this location, likely Safe Route to School.

Strategic Alignment:

2026-2030 Strategic Plan: T&M 7.1 Make significant progress toward the City's Vision Zero goal to have no serious injury or fatal crashes.

2026-2027 Council Priority: Accelerate Progress Toward Vision Zero



Mountain Vista Cross Section



Shields Bike Lanes

Project Name: Shields Street Separated Bike Lanes – Mountain to Mulberry

Project Type: Capital Construction

Total Budget: \$580K

Project Phase: Construction late summer

Primary Project Benefits: Four lane to three lane road diet and addition of bike lanes separated using delineator posts. Bike lanes provide cost effective buffering for narrow sidewalks.

Key Considerations: Coordination One Water on completion of Oak Street Stormwater Outfall and sanitary sewer work in Shields Street. Safe Route to School for multiple facilities.

Strategic Alignment:

2026-2030 Strategic Plan: T&M 7.1 Make significant progress toward the City's Vision Zero goal to have no serious injury or fatal crashes.

2026-2027 Council Priority: Accelerate Progress Toward Vision Zero



Neighborhood Park off Sykes Drive



Total Budget: \$6.40M

Project Type: Capital Construction

Project Phase: Design 2025-26 Construction 2027

Primary Project Benefits:

- New park within the Mosaic Neighborhood.
- 15 Minute City Initiative
- Improved neighborhood livability
- Parks' Level of Service (delivering on the adopted 2021 ReCreate Parks & Recreation Plan)

Key Considerations: Funded through Neighborhood Parkland Capital Expansion Fees from residential development.



North Mason Stormwater Project

Project Name: North Mason Stormwater Project

Project Type: Capital Construction

Total Budget: \$14.0M (One Water/Transportation/URA)

Project Phase: Right-of-Way Acquisition and Design



Primary Project Benefits:

- Increases drainage capacity for surrounding area,
- Provides permanent outlet for FCRM detention pond,
- Increases access to water utilities to surrounding parcels,
- Addresses flood risk for the area.

Strategic Alignment:

- ENV 4.2 - Sustain the health of the Cache la Poudre River and regional watersheds while delivering a resilient, economically responsible, and high-quality water supply for all residents.



N MASON STORMWATER PROJECT



700 Wood Street
Fort Collins, CO 80521
10/9/2025



Taft Hill Corridor



Project Name: Taft Hill Corridor Improvements – Horsetooth Road to Brixton Road

Project Type: Capital Construction

Total Budget: \$10.4M

Project Phase: Construction begins this summer

Primary Project Benefits: Bringing this stretch of Taft Hill up to Larimer County Urban Area Street Standards (LCUASS), widening to four lane arterial, active modes, and intersection improvements.

Key Considerations: Joint project with Larimer County in Fort Collins Growth Management Area. Grant funding of \$5.9M.

Strategic Alignment:

2026-2030 Strategic Plan: T&M 7.1 Make significant progress toward the City’s Vision Zero goal to have no serious injury or fatal crashes.

2026-2027 Council Priority: Accelerate Progress Toward Vision Zero

**DEPARTMENT OF TRANSPORTATION
STATE OF COLORADO
CITY OF FORT COLLINS - ENGINEERING DEPT.**

CONSTRUCTION BID PLANS OF PROPOSED
FEDERAL AID PROJECT NO. STU M455 - 129
TAFT HILL ROAD - HORSETOOTH TO HARMONY IMPROVEMENTS
CITY OF FORT COLLINS, LARIMER COUNTY
CONSTRUCTION PROJECT CODE NO. 23047

Related Projects:
P.E. UNDER PROJECT
STU M455-129
PROJECT CODE: 23047

R.O.W. Projects:
CITY OF FORT COLLINS & LARIMER COUNTY
TAFT HILL ROAD IMPROVEMENTS
HORSETOOTH ROAD TO HARMONY ROAD
AQC M455-129
PROJECT CODE: 23047

STATION	DESCRIPTION	ROADWAY	
		LINEAR FEET	MILES
STA +1+00.00	BEGIN PROJECT LIMITS	4720	0.894
STA 46+00.00	END PROJECT LIMITS		
TOTAL		4720	0.894

DESCRIPTION	VALUE
MAXIMUM RADIUS OF CURVE	1,064
MAXIMUM GRADE	2.68%
MINIMUM S.S.D. HORIZONTAL	+ 437
MINIMUM S.S.D. VERTICAL	+ 437
MAXIMUM DESIGN SPEED	50 MPH
ROAD DESIGN TRAFFIC	11,200 A.D.T.
ENV. TRUCKS %	2%

* FOR INFORMATION ONLY

PROJECT LOCATION MAP
SCALE: 1"=2000'

Sheet No.	Description of Sheets
1	TITLE SHEET
2	STANDARDS PLANS LIST
3-5	GENERAL NOTES
6-7	TYPICAL SECTIONS
8	SUMMARY OF APPROXIMATE QUANTITIES
9	TABULATION OF REMOVALS
10	TABULATION OF RESETS, ADJUSTMENTS, & STORM
11	TABULATION OF C&G AND SURFACE QUANTITIES
12	TABULATION OF SURVEY
13	SURVEY CONTROL PLAN
14	REMOVAL PLANS
15-25	ROADWAY PLANS
26-35	ROADWAY PROFILES
37-44	GRADING PLANS
45-54	MEDIAN GRADING DETAILS
55	CONCRETE PAVEMENT JOINT PLAN
57-68	INTERSECTION & DRIVEWAY GRADING DETAILS
69-76	EROSION CONTROL SHEETS
77-82	STORMWATER MANAGEMENT PLANS
83-91	STORMWATER PLAN AND PROFILES
92-102	SIGNING & STRIPPING PLANS
103-111	CONSTRUCTION DETAILS
114-131	CROSS SECTIONS
TRA 1-4	TRAFFIC SIGNAL PLANS (4 SHEETS)
LS 1-10	LANDSCAPE PLANS (10 SHEETS)
SUB 1-18	SUB PLANS (18 SHEETS)

**BID SET
NOT FOR CONSTRUCTION**

CALL COLORADO 811
811
FOR THE SERVICE OF SUBSCRIBERS

Creation Date:	2022/02	Initial:	JDL
Last Modification Date:	12/12/2023	Initial:	JDL
P.L. File:			
Drawings File Name:	2121400_C11.dwg		
Acad Ver.:	2018	Scale:	1/8" = 1'-0"
Units:	ENGLISH		

No.	Description

No Revisions
Revised
Void

Contractor
Assistant Engineer
Project Engineer
PROJECT STARTED: / / ACCEPTED: / /
Comments

STU M455-129
23047
SHEET NUMBER 1

Mason Trail / Spring Creek Trail Junction Safety Improvement

Total Budget: \$400K

Project Type: Capital Construction

Project Phase: Design 2025 | Construction 2026

Primary Project Benefits:

- Improved sight distance for all users
- Organized turning movements
- First bicycle roundabout design
- 15 Minute City Initiative

Key Considerations: Collaboration between Parks, PDT, and Colorado State University



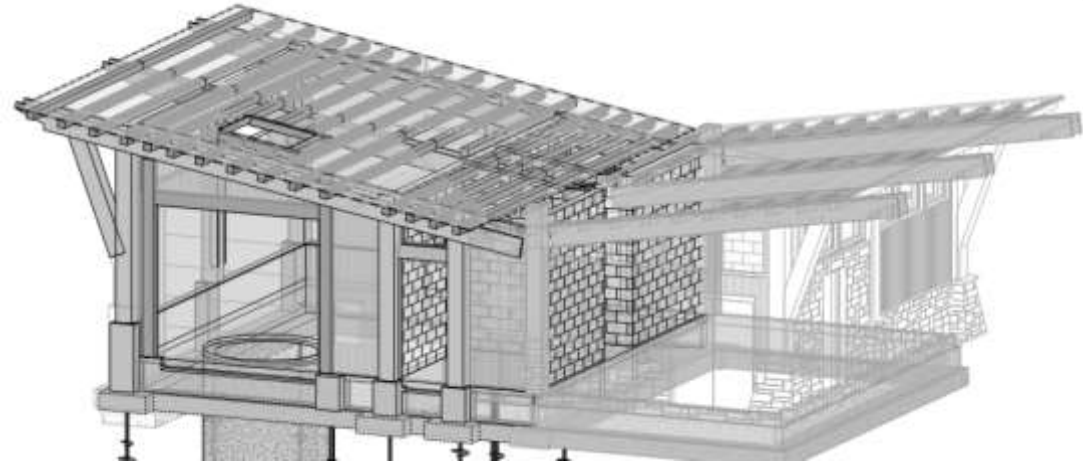
Spring Canyon Community Park Splashpad Renovation



Total Budget: \$1.8M

Project Type: Capital Construction

Project Phase: Design 2025 | Construction 2026



Primary Project Benefits:

- Renovation of old pump and control system
- Safer and more efficient workspace for staff
- Improved water efficiency

Key Considerations: Funded through 2050 Parks and Recreation tax.



Lemay Avenue Waterline Replacement

Project Name: Lemay Avenue Waterline Replacement Project

Project Type: Capital Construction

Total Budget: \$3.2M

Project Phase: Construction Spring and Summer 2026



Primary Project Benefits:

- Replacement of aging infrastructure, improve levels of service for quality, reliability, resiliency, and safety.
- Reduce the number of future water main breaks and water quality incidents.

Strategic Alignment:

- ENV 4.2 - Sustain the health of the Cache la Poudre River and regional watersheds while delivering a resilient, economically responsible, and high-quality water supply for all residents.



Wastewater Treatment Facility Preliminary Treatment (Headworks)

Project Name: Preliminary Treatment (Headworks) at DWRF

Project Type: Capital Construction

Total Budget: Phase 1: \$2M; anticipated design

Phase 2: \$10-12M

Project Phase: Preliminary Design

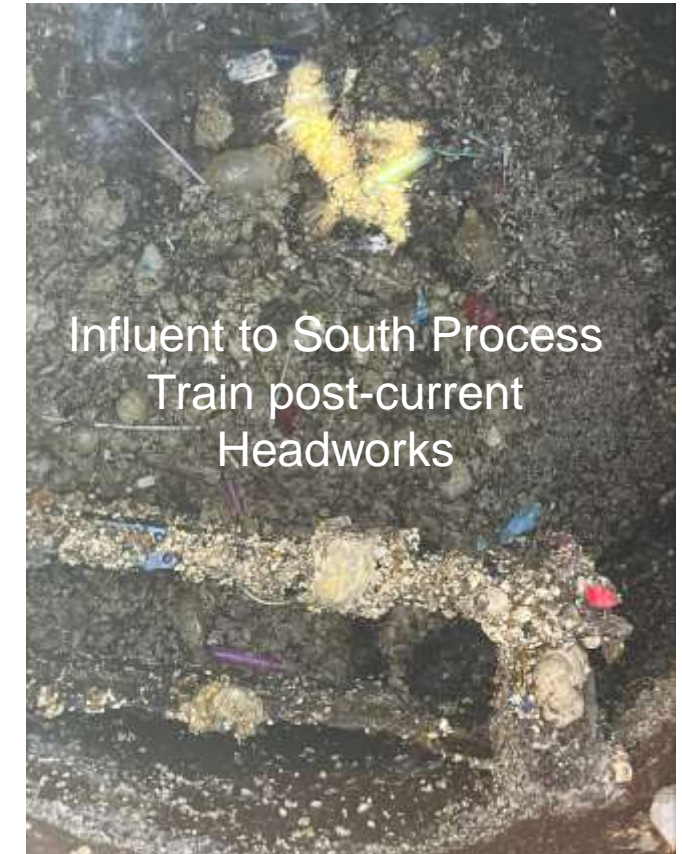
Primary Project Benefits: This project focuses on the following benefits:

- Replace aging infrastructure no longer supported by manufacturers.
- Ensure treatment infrastructure meets industry standards.
- Address safety concerns for staff due to elevated levels of hydrogen sulfide.

Strategic Alignment:

- ENV 4.2 - Sustain the health of the Cache la Poudre River and regional watersheds while delivering a resilient, economically responsible, and high-quality water supply for all residents.

Current screens have $\frac{3}{4}$ " spacing, industry standard is $\frac{3}{8}$ "



College/Trilby Intersection

Project Name: College/Trilby Intersection Improvements

Project Type: Capital Construction

Total Budget: \$21.8M

Project Phase: Under construction, intersection to reopen September/October

Primary Project Benefits: Increased safety with a reconstructed intersection including multiuse side paths and crossing for bicycles and pedestrians, dual left turn lanes from College to Trilby, right turn lanes for each direction of travel, and a widened Trilby approach to College. Improved traffic flow through intersection.

Key Considerations: Maintaining traffic flow during construction, planning for future growth in the region.

Strategic Alignment:

2026-2030 Strategic Plan: T&M 7.1 Make significant progress toward the City's Vision Zero goal to have no serious injury or fatal crashes.

2026-2027 Council Priority: Accelerate Progress Toward Vision Zero



Power Trail/Harmony Underpass



Project Name: Power Trail/Harmony Road Underpass

Project Type: Capital Construction

Total Budget: \$13.1M

Project Phase: Construction underway, Harmony restored September 2026, substantial completion Spring 2027

Primary Project Benefits: Increased safety and low stress underpass of Harmony and north/south trail connections providing alternative to at-grade crossing at McMurry. Reduced pedestrian and bicycle crossings at McMurry and improved traffic flow on Harmony.

Key Considerations: Coordination with Power & Light infrastructure, maintaining traffic during construction, and groundwater levels. New infrastructure installed for Fort Collins – Loveland Water District (FCLWD).

Strategic Alignment:

2026-2030 Strategic Plan: T&M 7.1 Make significant progress toward the City's Vision Zero goal to have no serious injury or fatal crashes.

2026-2027 Council Priority: Accelerate Progress Toward Vision Zero



Venus Drive to Fossil Creek Trail Connection



Total Budget: \$400K

Project Type: Capital Construction

Project Phase: Design 2025 | Construction 2026

Primary Project Benefits:

- New trail access for Skyview Neighborhood
- Overall improved bicycle & pedestrian circulation and safety
- 15 Minute City Initiative

Key Considerations: Collaboration between Parks, Natural Areas, PDT, and CDOT.



Trilby Bridge



Project Name: Trilby Bridge Replacement

Project Type: Capital Construction/Asset Management

Total Budget: \$2.6M

Project Phase: Under construction

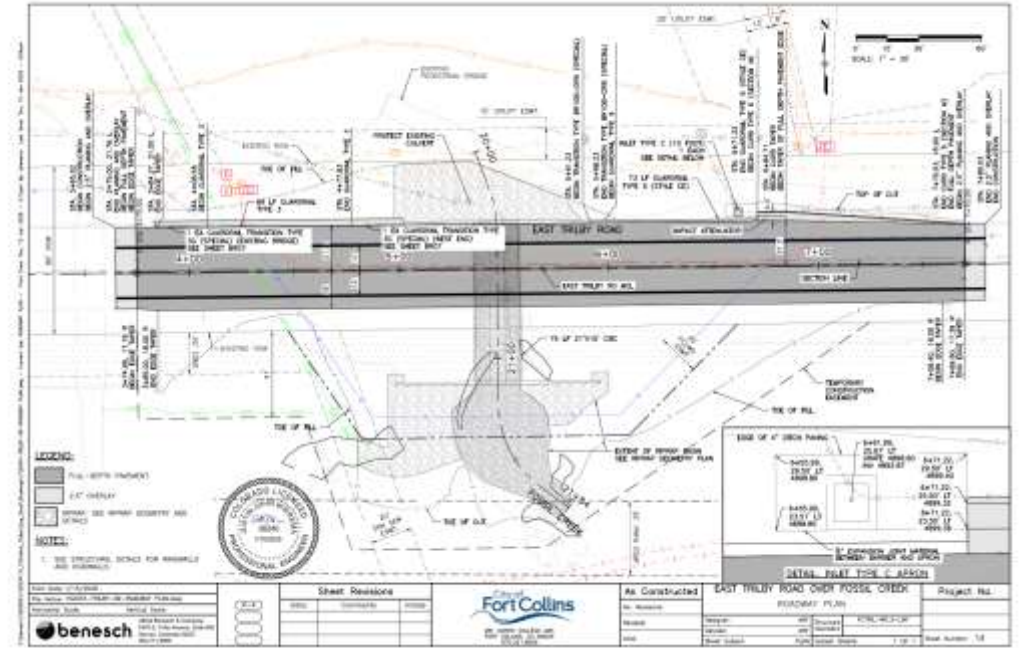
Primary Project Benefits: Replacing an existing bridge/culvert in poor condition. New bridge will accommodate future roadway (4 lane arterial) including bike lanes and sidewalks.

Key Considerations: Key coordination on floodplain modeling and permitting with One Water. Coordination with Light & Power on duct bank. Bridge Program responsible for funding project.

Strategic Alignment:

2026-2030 Strategic Plan: T&M 7.1 Make significant progress toward the City's Vision Zero goal to have no serious injury or fatal crashes.

2026-2027 Council Priority: Accelerate Progress Toward Vision Zero



Fossil Creek Stream Rehab

Project Name: Fossil Creek & Stanton Creek Stream Rehabilitation / Carpenter to Trilby

Project Type: Capital Construction

Total Budget: \$5.0M

Project Phase: Phase 1 Construction (Fall 2025 – Spring 2026) | Phase 2 Revegetation (begins Summer 2026)

Primary Project Benefits:

- Address Severe Erosion: Reshape and stabilize vertical, eroding banks to improve stormwater conveyance and water quality.
- Environmental & Habitat Restoration: Restore stream banks with native vegetation to increase habitat and improve watershed health.
- Basin Connectivity: Improve connectivity throughout the Fossil Creek and Stanton Creek basins.
- Master Plan Integration: Align improvements with City Master Plans, including the Parks Trail System and the Bridge Replacement Program

Key Considerations:

- Infrastructure: New 21-ft span bridge at Trilby Rd; coordination with South Fort Collins Sanitation District (SFCSD) to line collection trunk mains within the project area.

Strategic Alignment:

- ENV 4.2 - Sustain the health of the Cache la Poudre River and regional watersheds while delivering a resilient, economically responsible, and high-quality water supply for all residents.



Questions for Council

1. Are there specific questions about any of the projects
2. What other information in general would be helpful to Council for this capital projects update?

THANK YOU!

For Questions or Comments, Please Contact:

Brad Buckman

bbuckman@fortcollins.gov, (970) 416-4248

