



Multi-Modal Master Plan
City of Cañon City

Multi-Modal Master Plan

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Prepared for:

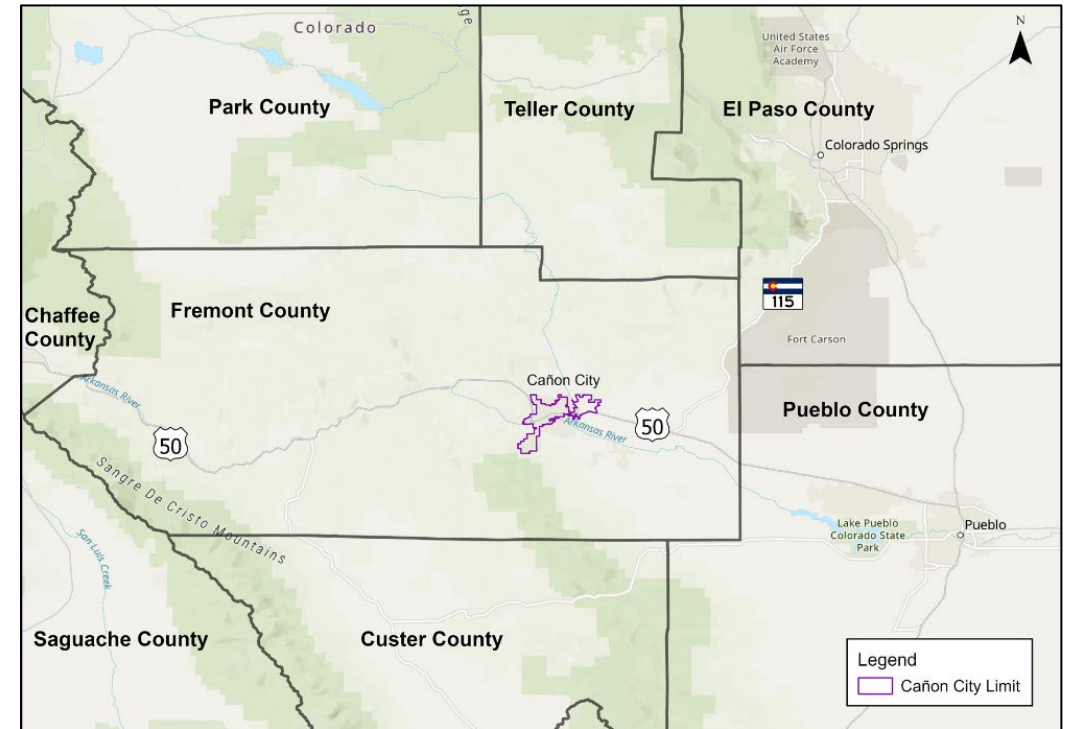
City of Cañon City
128 Main Street
Cañon City, CO 81212

Outline

- Introduction
- Existing Conditions
- System Appraisal
- Public Engagement
- Recommendations
- Next Steps

Introduction

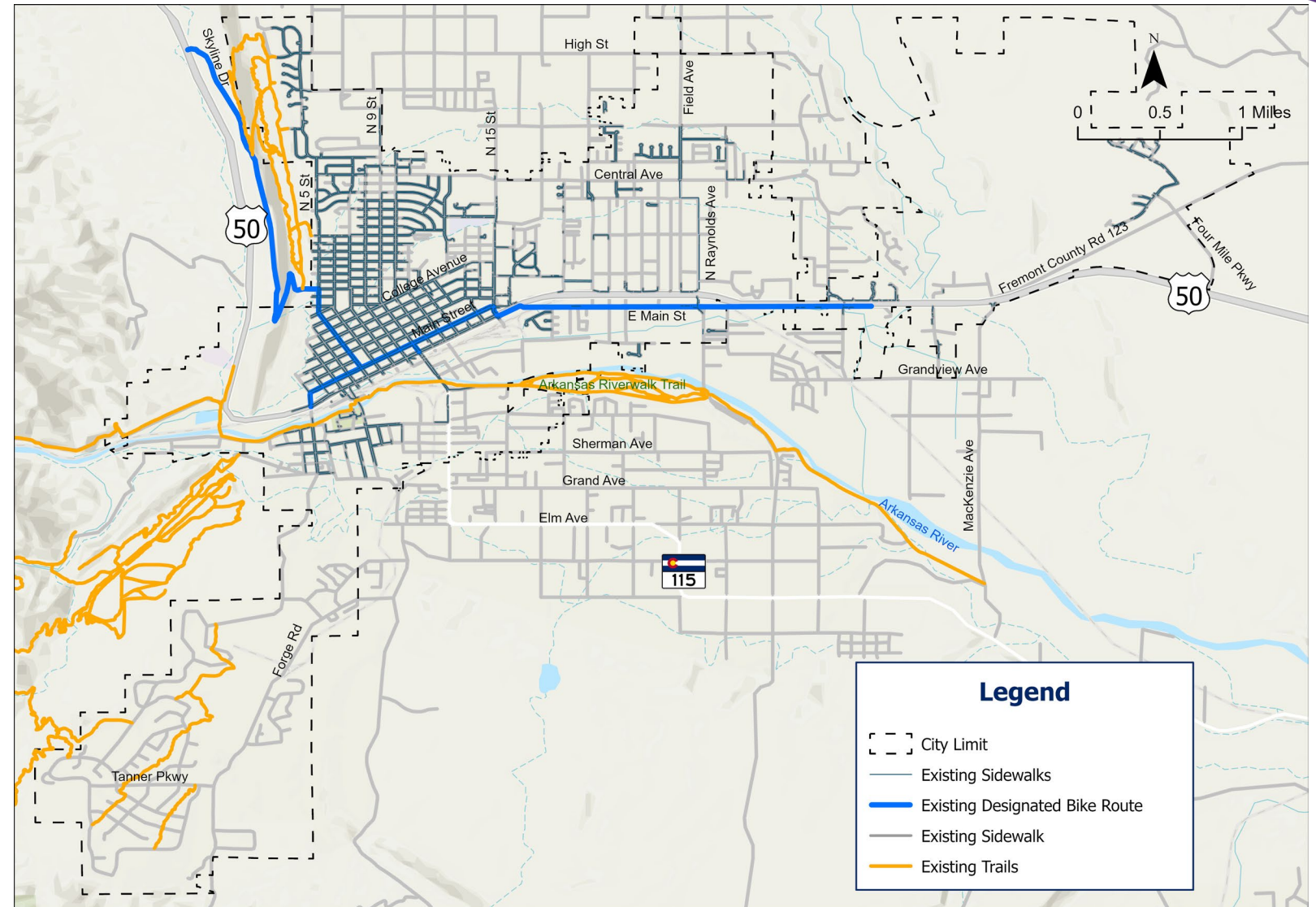
- Picture Cañon City 2040 Comprehensive Plan Update
 - Identified need for Multi-Modal Connectivity
- Master Plan Goals & Objectives
 - Develop safe, connected, and efficient transportation system
 - Support Multi-Modal users including pedestrians, bicyclists, trail users, and public transit



Regional Location Map

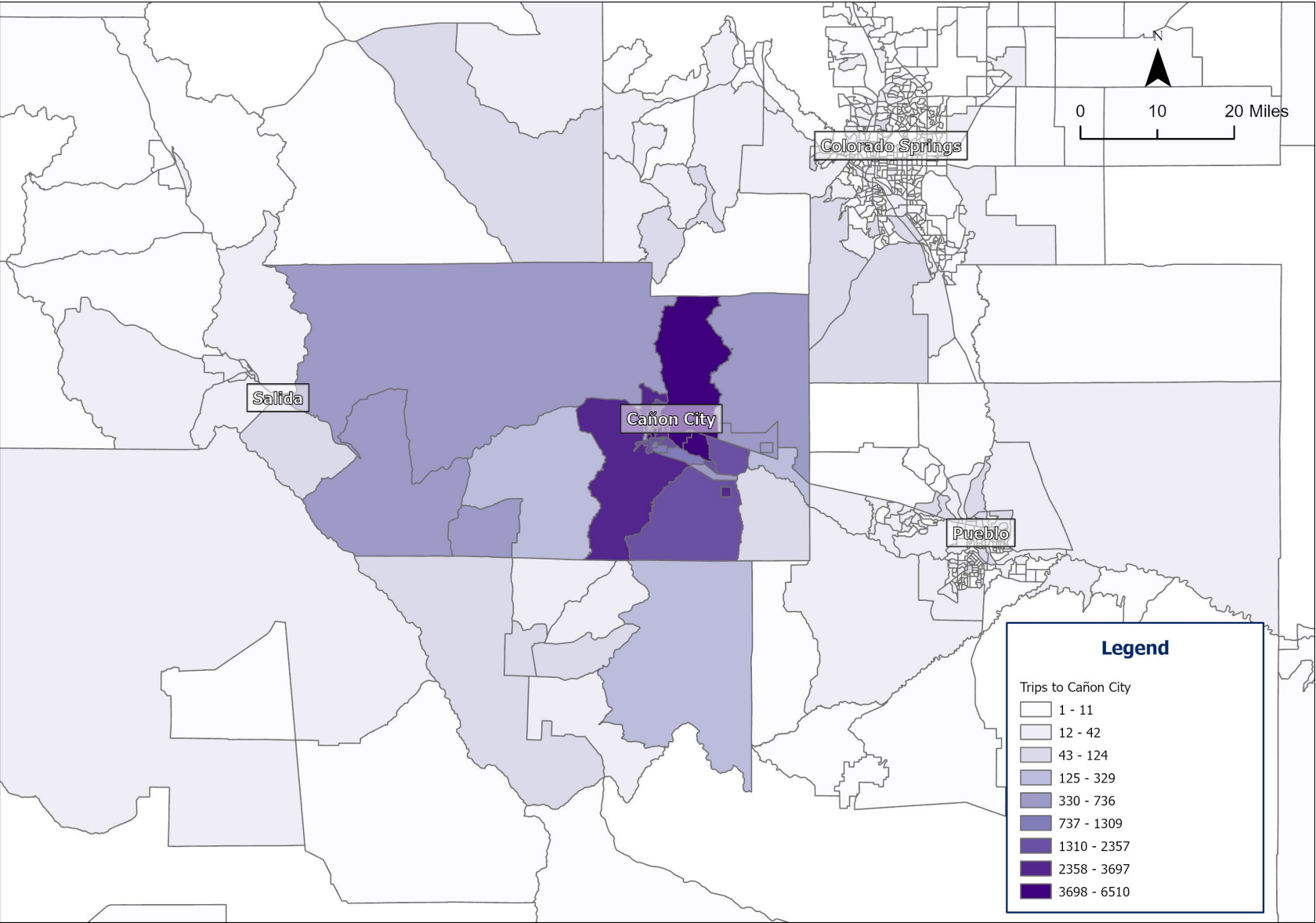
Existing Conditions

- Multi-Modal Network
 - Sidewalks
 - Designated Bike Route
 - Trail System
- Transit
 - Fremont County On-Demand
 - Golden Age Center
 - Bustang
 - Penrose Stop



Existing Multi-Modal Network

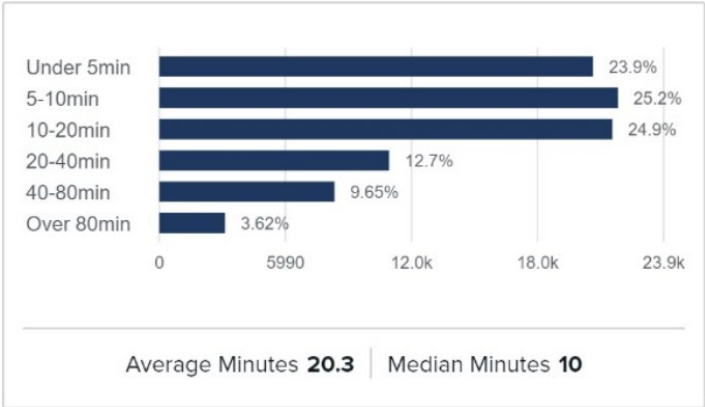
Existing Conditions



Trips to Cañon City Origin Map

• Travel Patterns

- Nearly 50% short-duration trips (10min or less)
- Median Trip Duration = 10 min
- Opportunity for mode shift



Trip Duration Summary

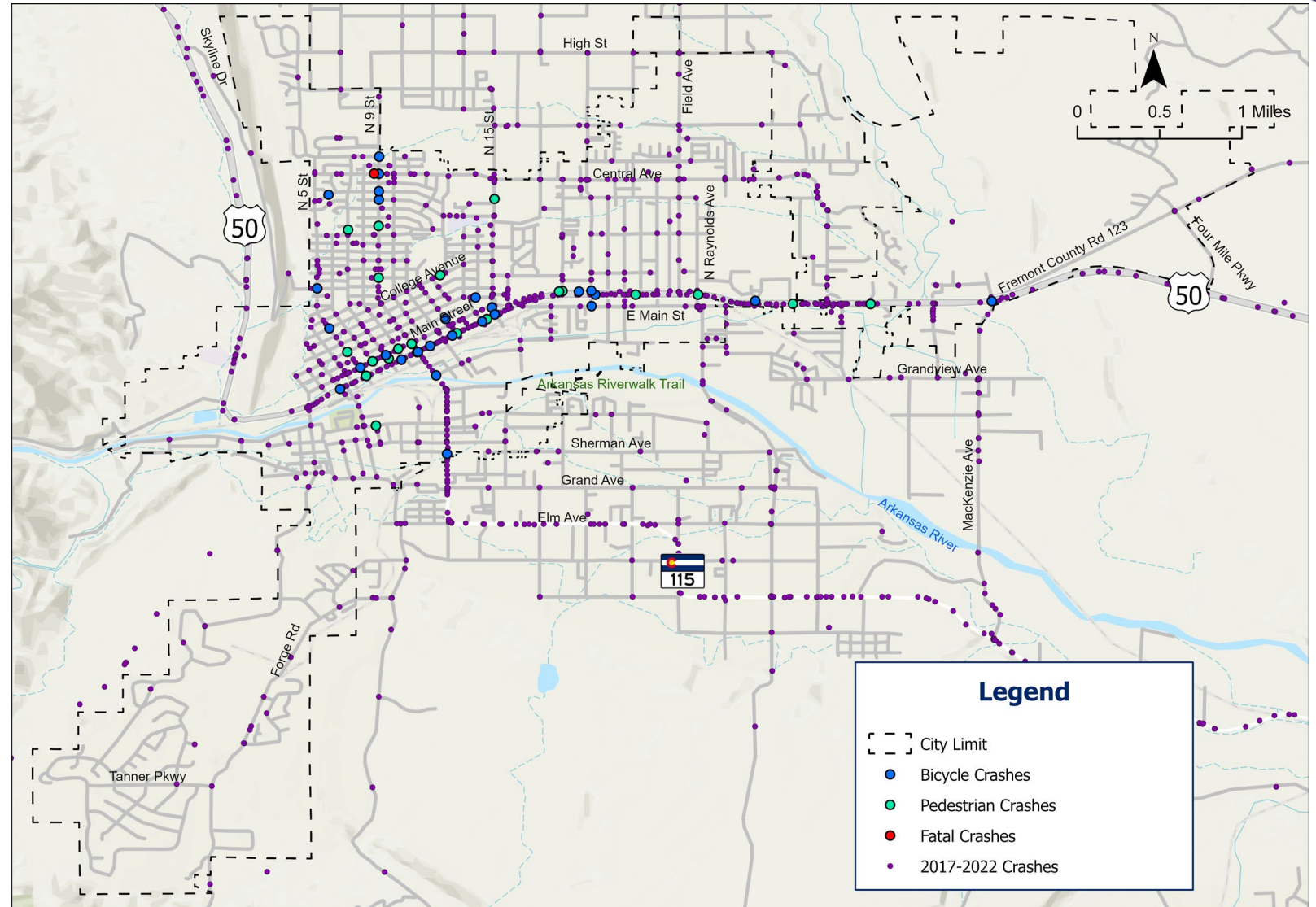
Existing Conditions

- **Crash Data Review**

- 2017-2022 Crash Data
 - 1,668 Total Crashes
 - US 50 and SH 115 Corridors – Primary Hot Spots
- 53 Ped/Bike Crashes

- **Identified Crash Hot Spots**

- Central Avenue
 - N 15 Street
 - N Orchard Avenue
- Main Street
 - N 5 Street
 - N 9 Street
 - N 15 Street (Roundabout)



Six-Year Crash History 2017-2022

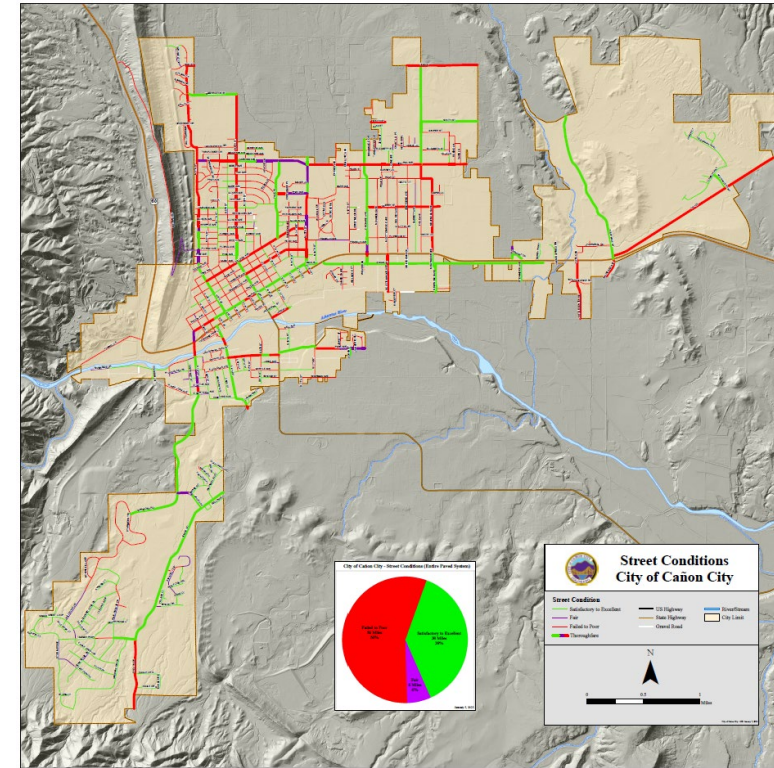
Existing Conditions

• Regulations & Policies

- Titles 9 & 10 – Regulations against engaged electronic assisted bicycles
- Title 12 – Streets, Sidewalks, & Public Spaces
- Title 17 – Unified Development Code
- Thoroughfare Plan

• Project Programing

- 2A Project Program
- Central Front Range 2045 Regional Transportation Plan
- Master Plans
 - Arkansas River Corridor
 - Eastern Fremont County Trails, Open Space, & River Corridor
- Studies
 - US 50 Corridor
 - Access Control Plans



Cañon City Streets Condition Map (2023)

Central Front Range TPR Priority Project List

Rank	Planing Project ID	Highway(s)	Project Name	Cost (\$M)	Primary Project Type	Additional Project Benefits	SWP Goal Areas
1	1080	SH 115	SH 115, shoulders, intersection improvements and bicycle/pedestrian safety improvements between Cañon City and Florence	\$10.50	Intersection		
2	2461	US 50	US 50 Corridor Plan to identify access and multimodal improvements	\$0.20	Corridor		
12	1004	US 24, US 50, SH 67	Transit transfer facilities for regional services in Cripple Creek, Cañon City, and Woodland Park	\$0.39	Transit		

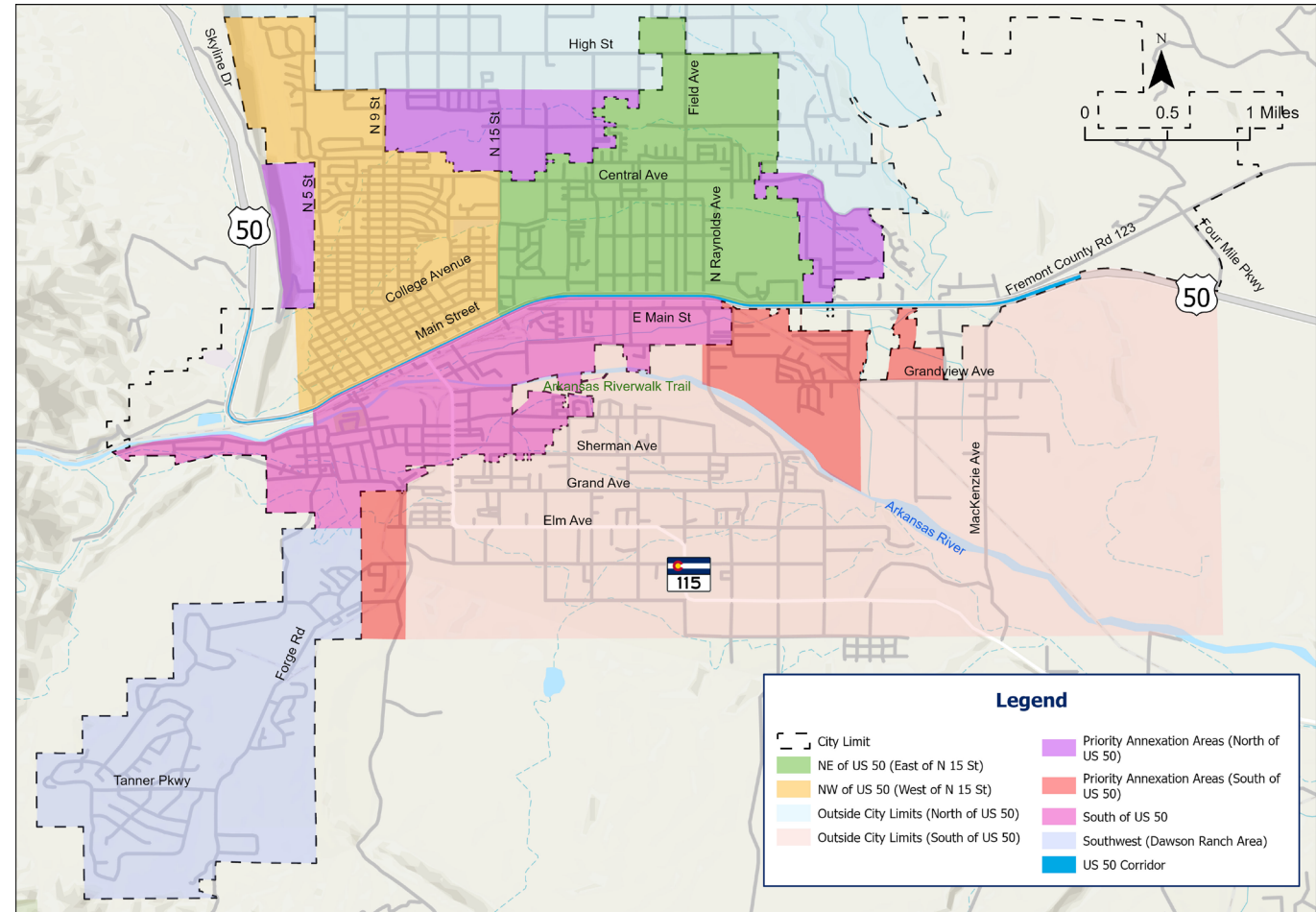
System Appraisal

• Evaluation Parameters

- System Connectivity
 - Bicycle Routes
 - Sidewalks
 - Transit
 - Accessibility to Regional Facilities & Trails
- Expected Travel Demand
- Safety/Crash History
- Comprehensive Planning
- Sustainability

• Evaluation Areas

- US 50 Corridor
- Within City Limits (Northwest, Northeast, South of US 50, and Southwest)
- Outside City Limits (North and South of US 50)
- Priority Annexation Areas (North and South of US 50)



System Appraisal Evaluation Areas

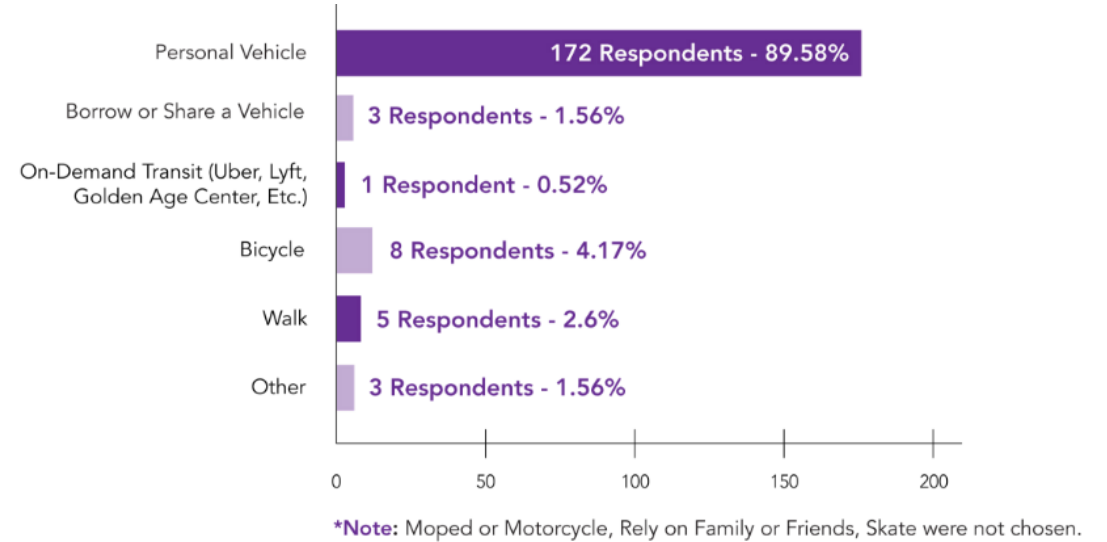
Public Engagement

- Kick-Off Meeting
- One-on-One Stakeholder Meetings
 - November 2, 2023 to November 7, 2023
 - 23 Stakeholder Meetings
- Online Public Survey
 - January 4, 2024 to February 9, 2024
 - 191 Responses
- Community Meeting
 - January 31, 2024

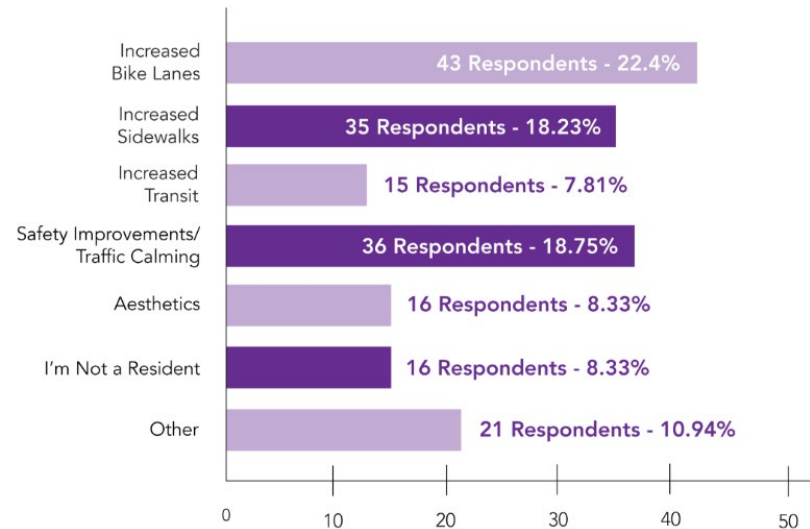


Picture from the Community Meeting held on January 31, 2024

If You are a City Resident, What do You Feel Could Best Benefit your Quality of Life?



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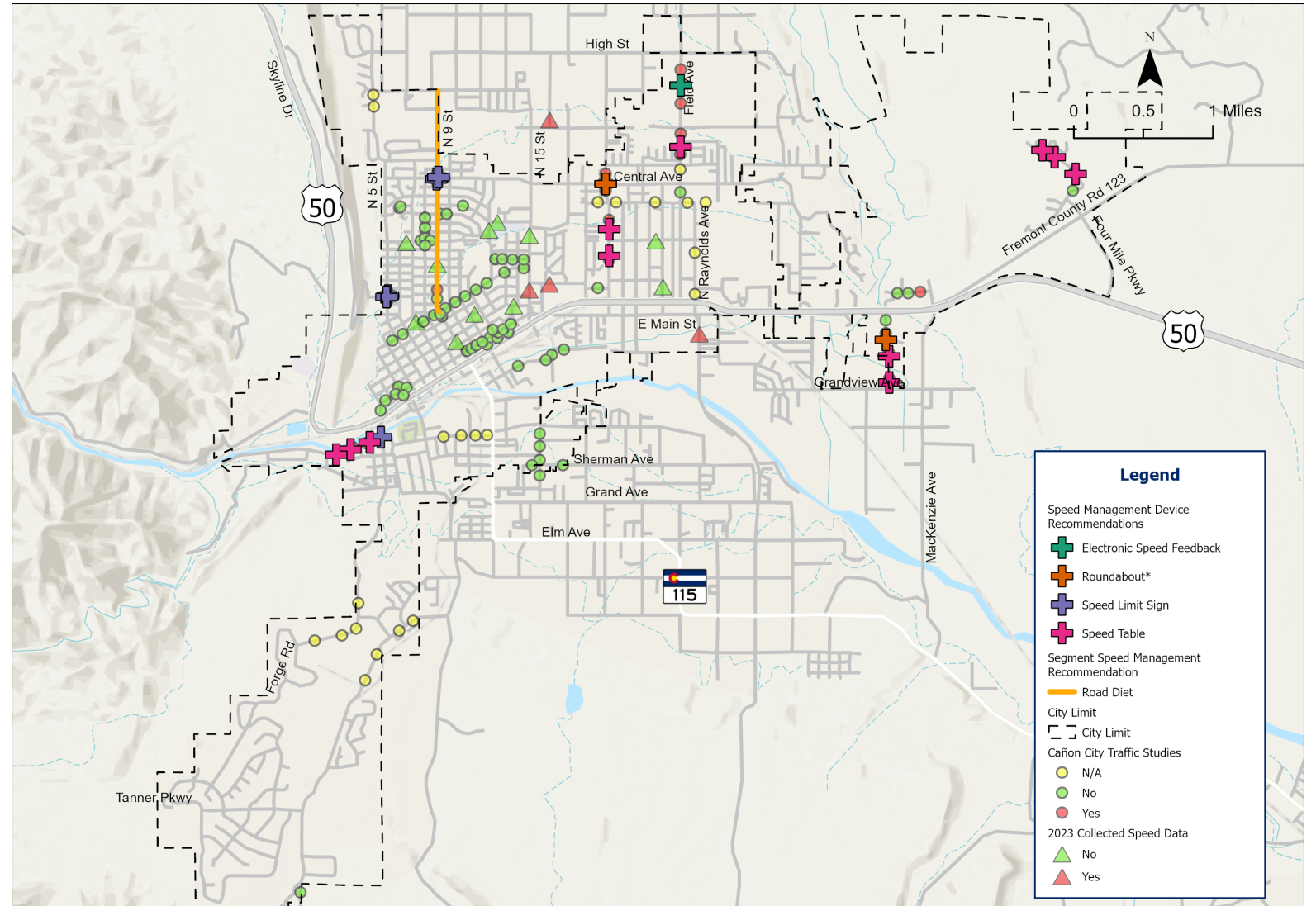
Recommendations

- Multi-Modal Network

- Bicycles
- Sidewalks
- Shared-Use Paths
- Trails

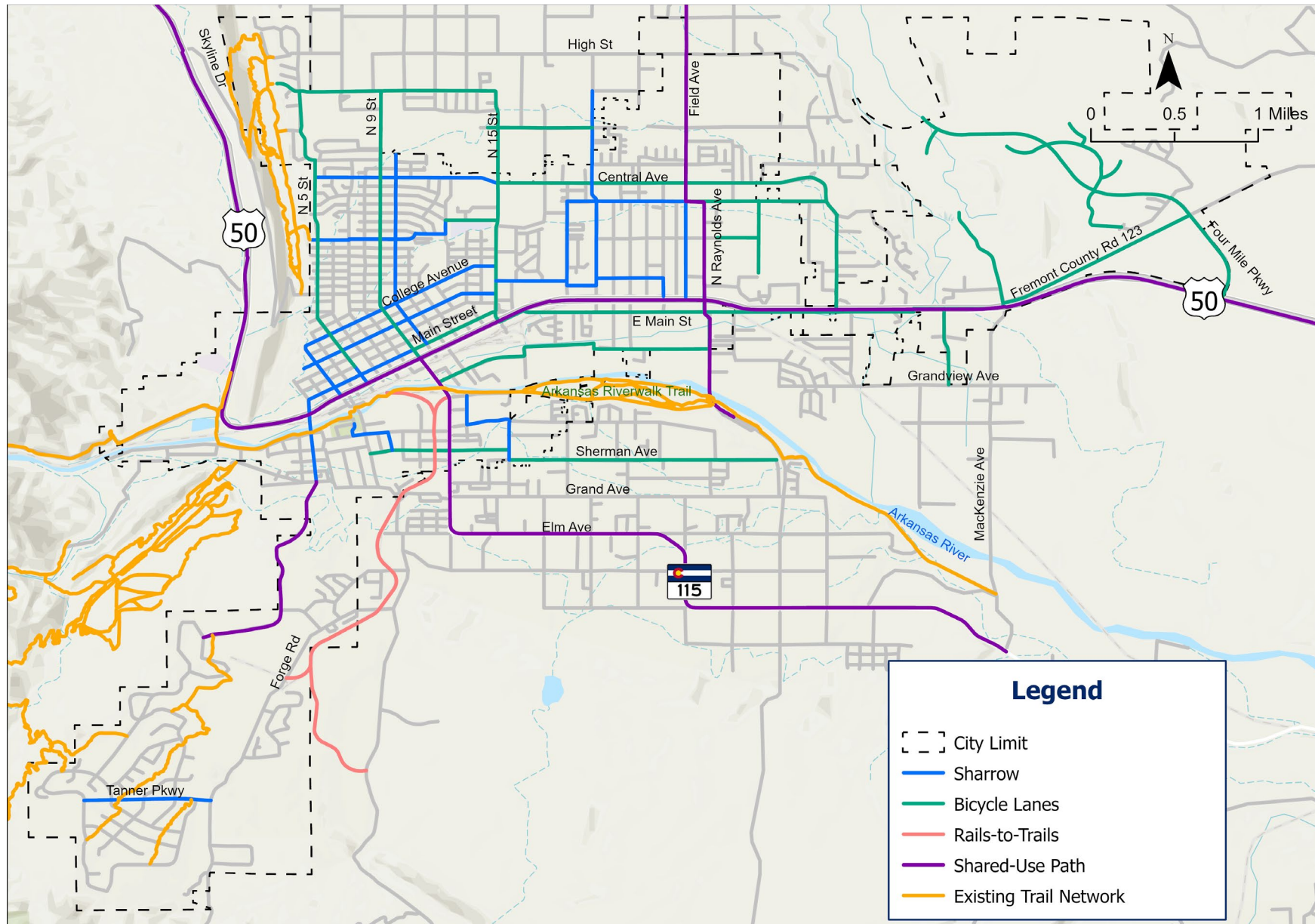
- Other Recommendations

- US 50 Corridor
- Speed Management
- Safety
- Parking



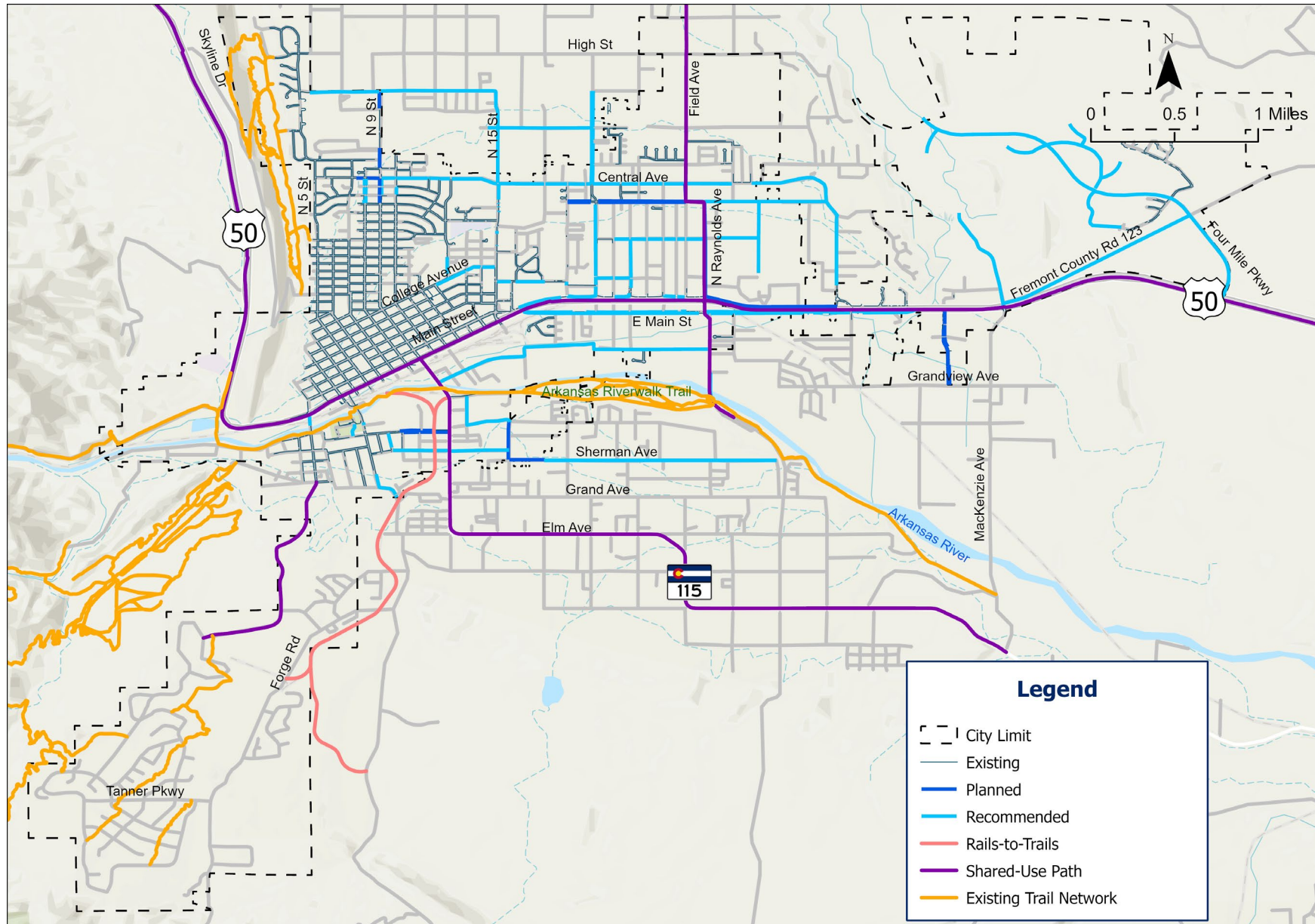
Speed Management & Traffic Calming Recommendations

Recommendations



- Recommended Bicycle Network
 - "Sharrows"
 - Bike Lanes
 - Shared-Use Paths
 - Trails

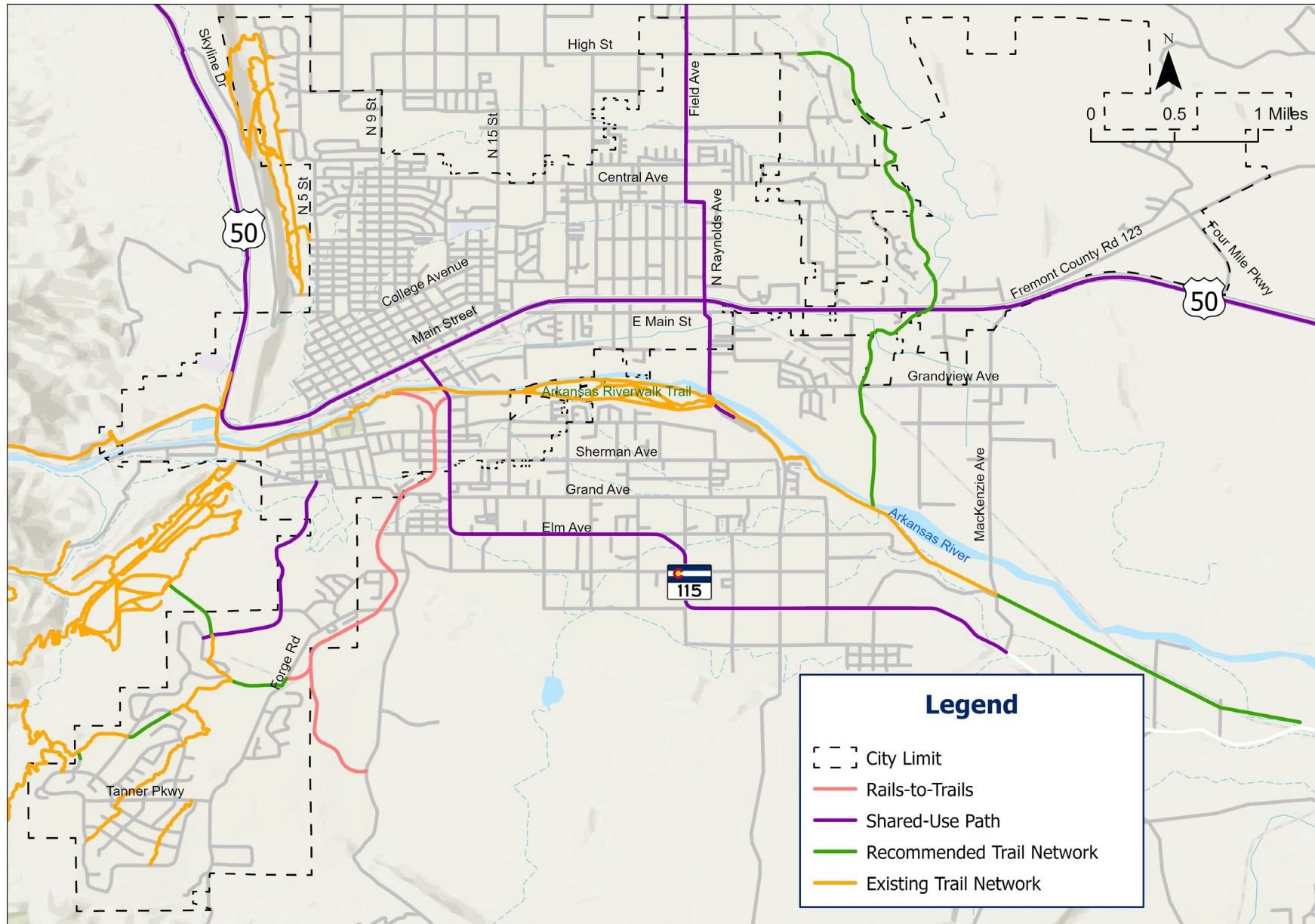
Recommendations



Recommended Pedestrian Network

- Sidewalks
- Shared-Use Paths
- Trails

Recommendations



Recommended Trail Network

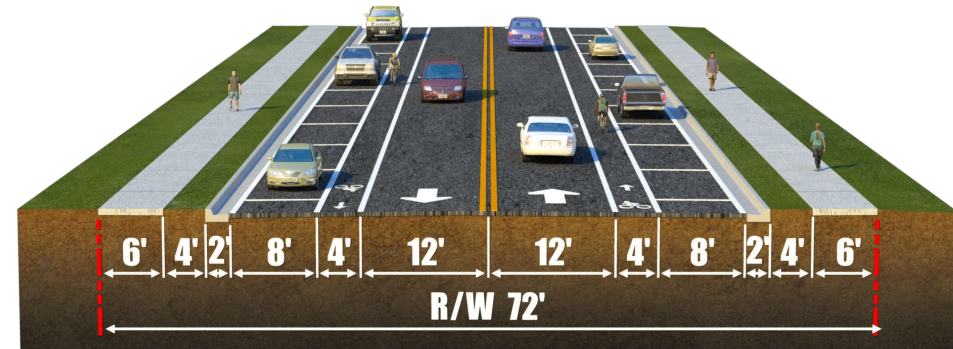
- Eastern Fremont County Trails, Open Space, & River Corridor
- "Rails-to-Trails"
- Shared-Use Paths

Recommendations

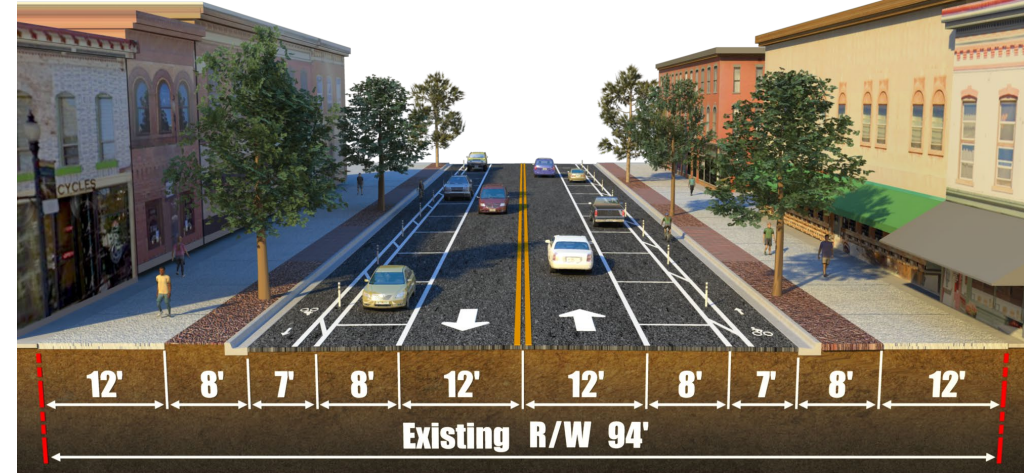
- Multi-Modal Project Corridors

- Corridors with multiple set of recommendations
- Use of Six (6) Template Typical Sections Alternatives
- Four (4) Main Street Typical Section Alternatives
- Identify Potential Impacts
- Develop Preliminary Costs

- Sidewalk Only Projects

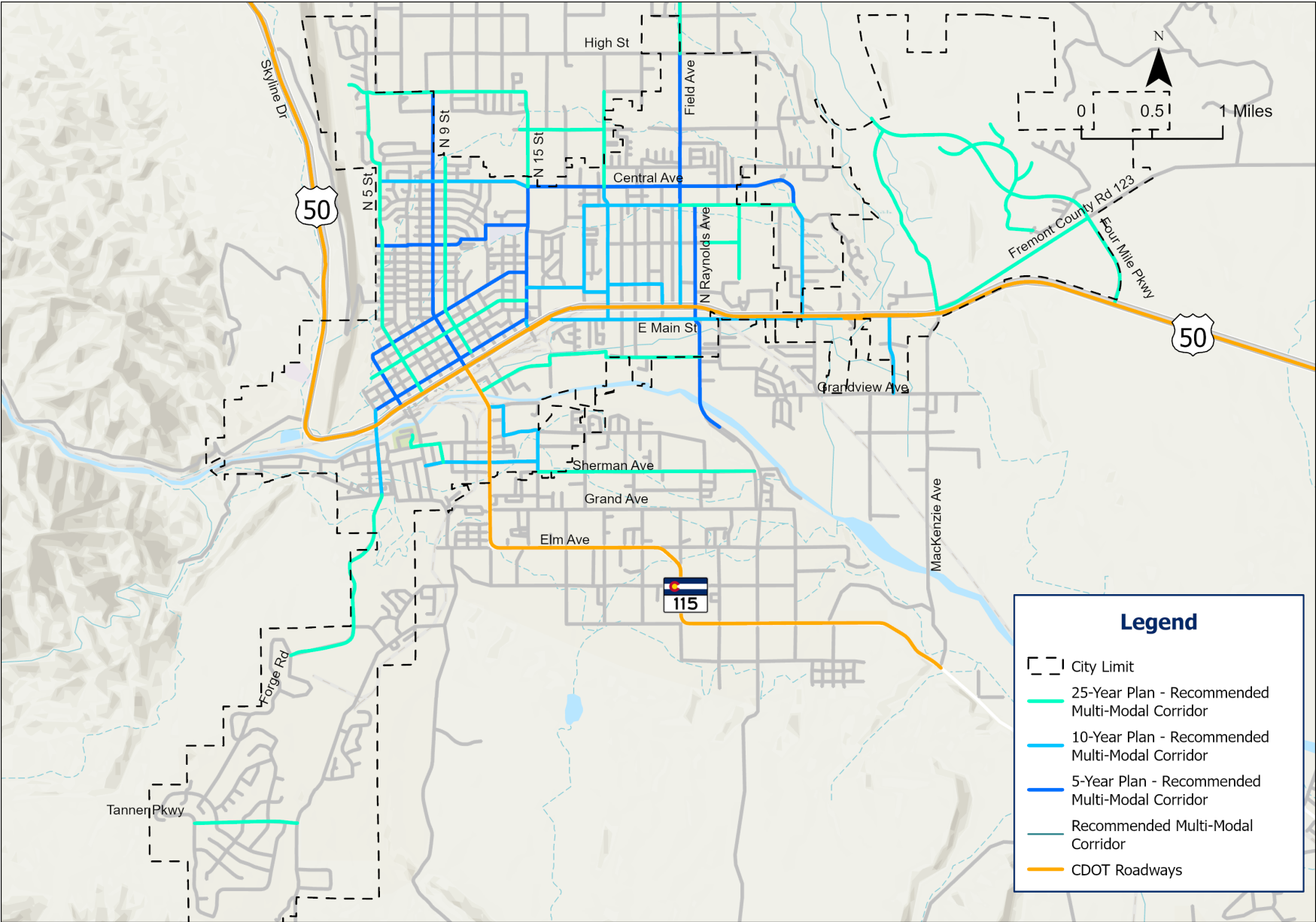


Template Typical Section Alternative #2



Main Street Typical Section Alternative #1

Recommendations



- Recommendations Phasing
 - 5-Year
 - 10-Year
 - 25-Year
- Preliminary Cost Estimates

Priority Period	City Corridors	County Corridors	Total
5-Year	\$16,785,000	\$3,014,000	\$19,799,000
10-Year	\$18,673,000	\$1,416,000	\$20,089,000
25-Year	\$37,926,000	\$25,551,000	\$63,477,000
Total	\$73,384,000	\$29,281,000	\$103,365,000

Recommendations

• Funding Sources

- 2A Program
- General Funds
- Grants
 - State
 - Federal

• Regulations & Policies Review/Update

- Throughfare Plan
 - Design Criteria Update
 - Context Sensitive Approach
 - Roadway Designation Review/Update
- 2A Program Renewal
 - Inclusion of multi-modal features

Cañon City Street Standards

Design Factors	Street Designation				
	Local	Collector	Arterial	Major Arterial	Expressway/Freeway
Right-of-way in feet	60 ¹	70 ¹	80 ¹	100 ²	250
Roadway width in feet	38	44 ³	52	54 - Rural 66 - Urban	as determined by the CDOT
Lane width in feet	11	12	12	12	12
Median width in feet	0	0	12	12	as determined by the CDOT
Maximum grade in percent	12%	8%	8%	6%	"
Spacing in miles	As required	¼ to ½	1	1	"
Parking Permitted?	Yes	Prohibited if Possible	No	No	No
Sidewalk width in feet	4	4	6	6 - 8	-

¹ where 5 foot utility easements are provided along the front property lines of lots on both sides of the street, total right-of-way may be decreased by 10 feet

² except for the U.S. Highway 50 corridor, from 1st. St. to 15th. St., where the right-of-way is 80 feet, and except for Colorado State Highway 115 (South Ninth Street), from U.S. Highway 50 (Royal Gorge Boulevard) south to Poplar Ave., where the minimum right-of-way width required is 80 feet

³ where parking is prohibited, roadway width may be decreased by 4 feet

Design Criteria Table Excerpt from Thoroughfare Plan

Next Steps

- Gather Feedback from Draft Master Plan
- Update Recommendations
- Corridor Specific “Fact Sheets”
- Update Cost Estimates
- Submit Final Master Plan for Adoption



Multi-Modal Master Plan

City of Cañon City

Thank You

Prepared for:

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Cañon City, CO 81212