

Arcade Multi-Use Trail Feasibility Study

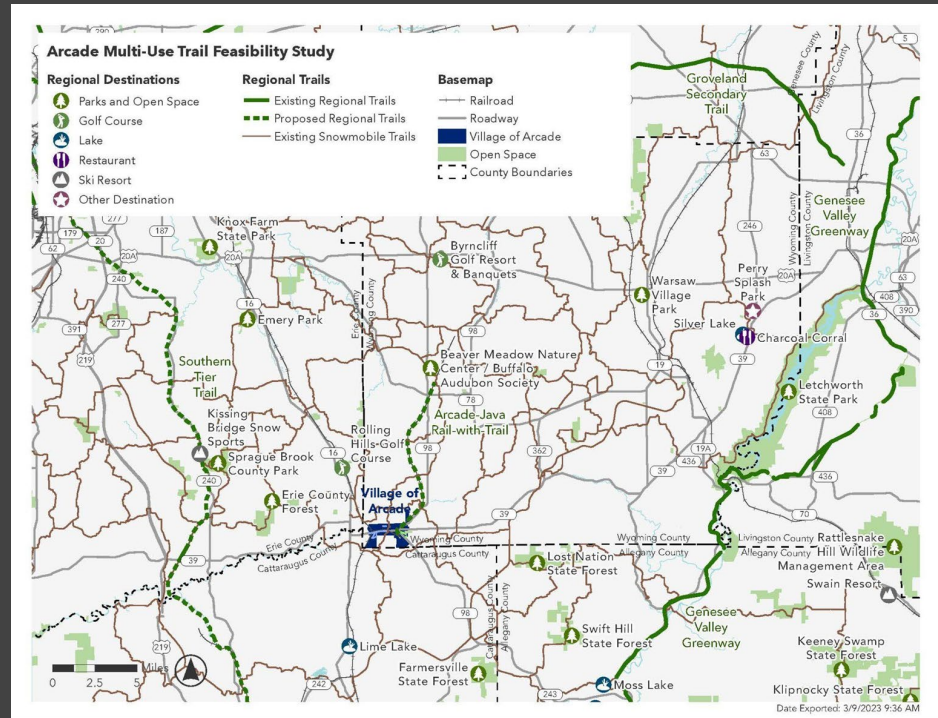
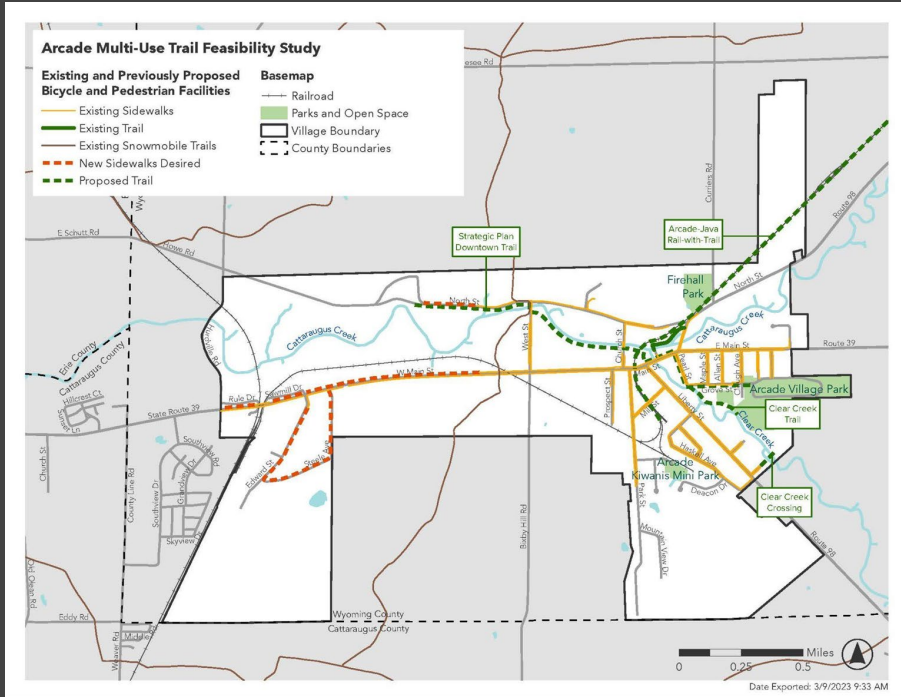


June 27, 2023



GOBike

Existing Conditions

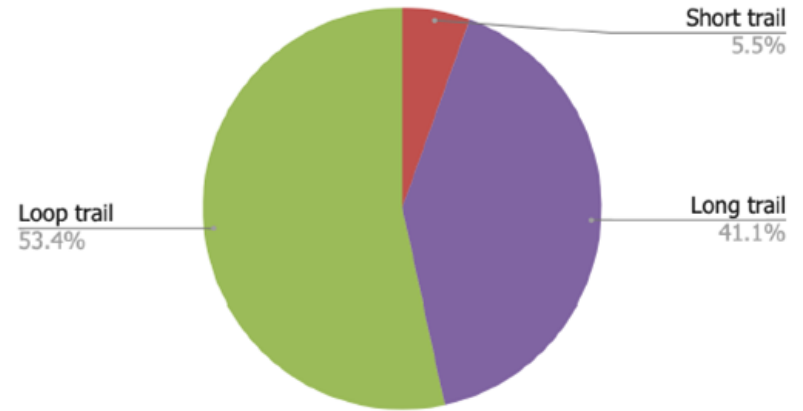


Public Comment - Key Findings

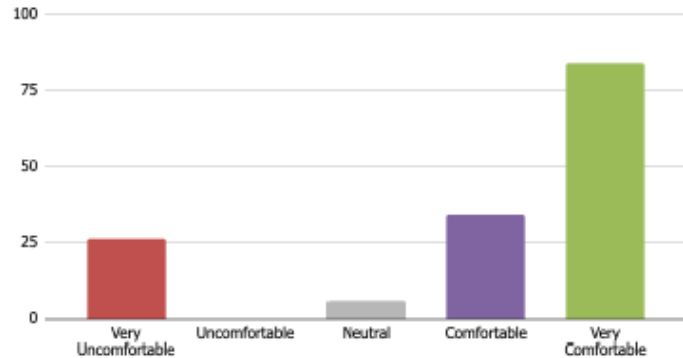
1. There is a strong desire amongst Arcade residents to have safe, well-maintained bike trails available in their town, in order to create more opportunities for exercise and wellness. Many residents would like to pursue a more active lifestyle and to travel by means other than a vehicle, but do not currently do so, due to a lack of safe bike path connectivity.
2. Pride in local assets like scenic creeks and parks, as well as historic destinations like the Arcade & Attica Railroad, is strong amongst area residents who wish for such destinations to be featured along new trails.
3. A desire for better connectivity to Village amenities like Arcade Village Park and shopping districts was expressed by many survey respondents.

Public Comment

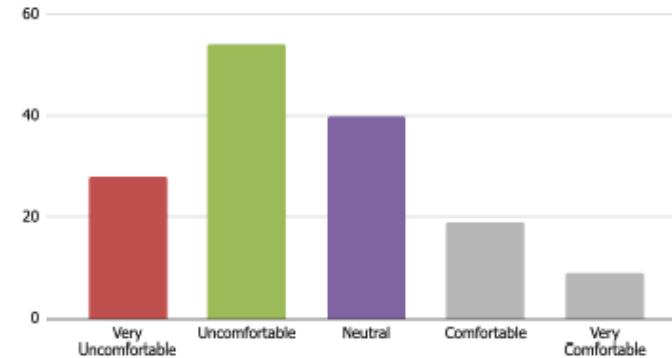
Which of the following trail types most appeals to you:



Please rate your comfort level when utilizing off-road trails:

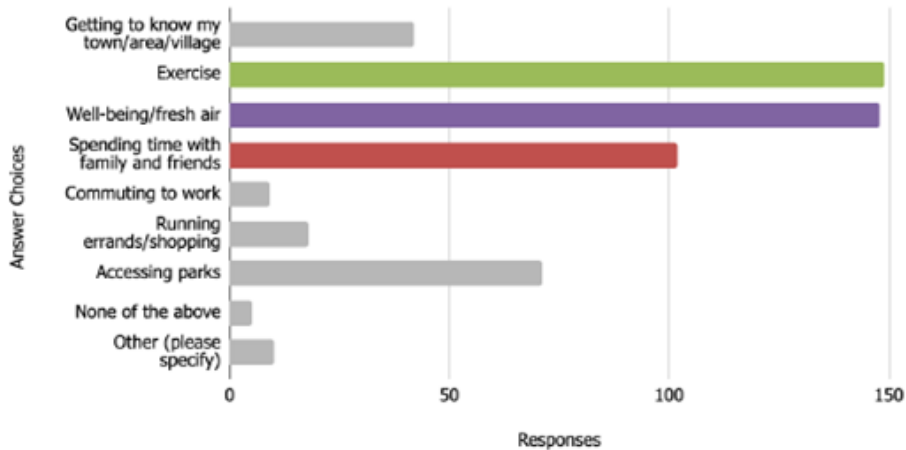


Please rate your comfort level when utilizing on-road trails:

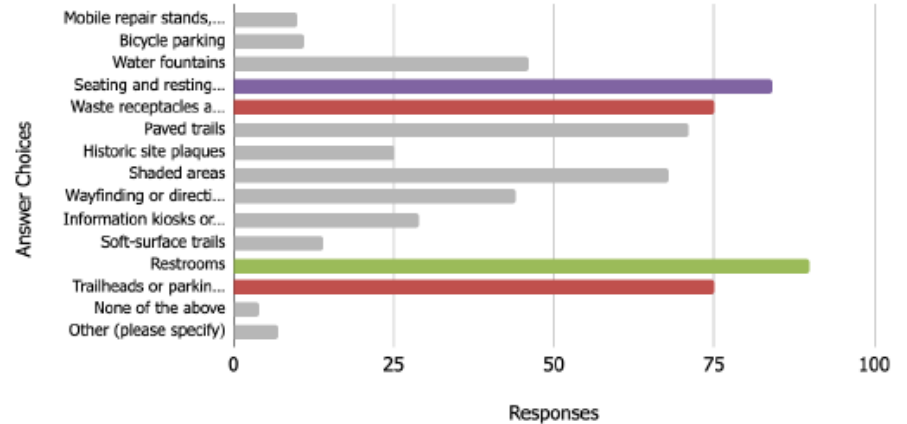


Public Comment

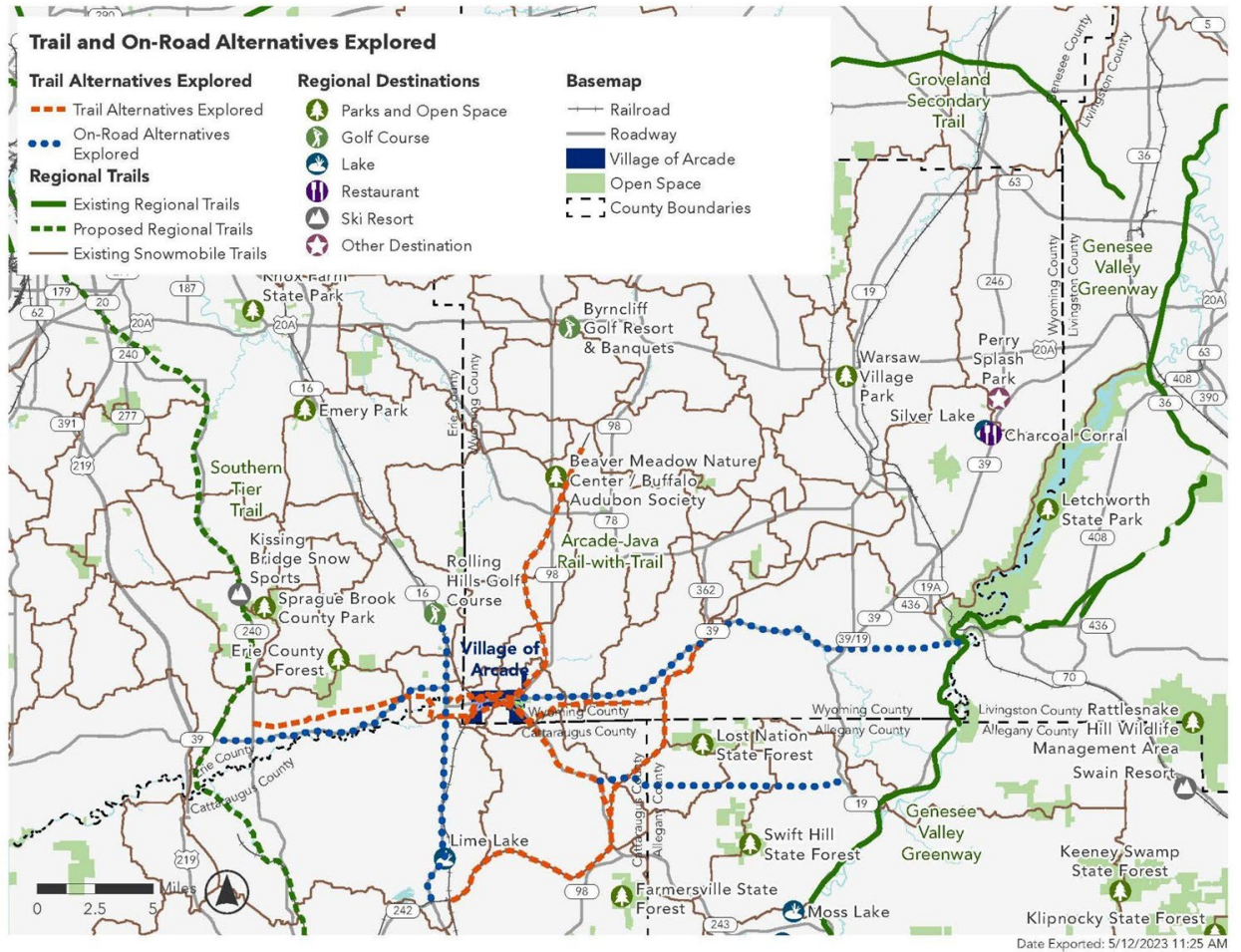
For which reason(s) do you see you or your household using trails in Arcade?
(Check all that apply.)



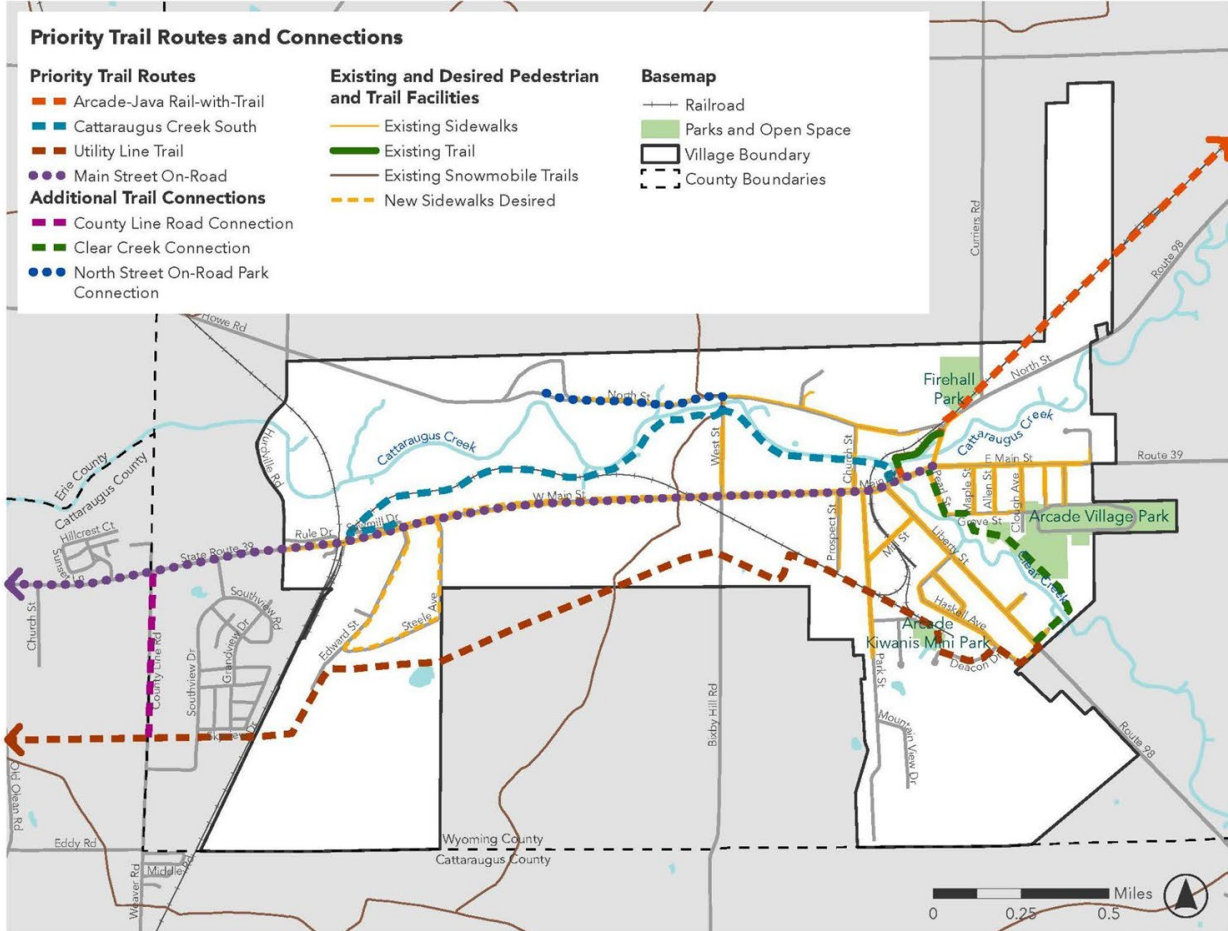
What trail features are most important to you? Please check your top five (5) priorities:



Alternatives Considered



Priority Routes



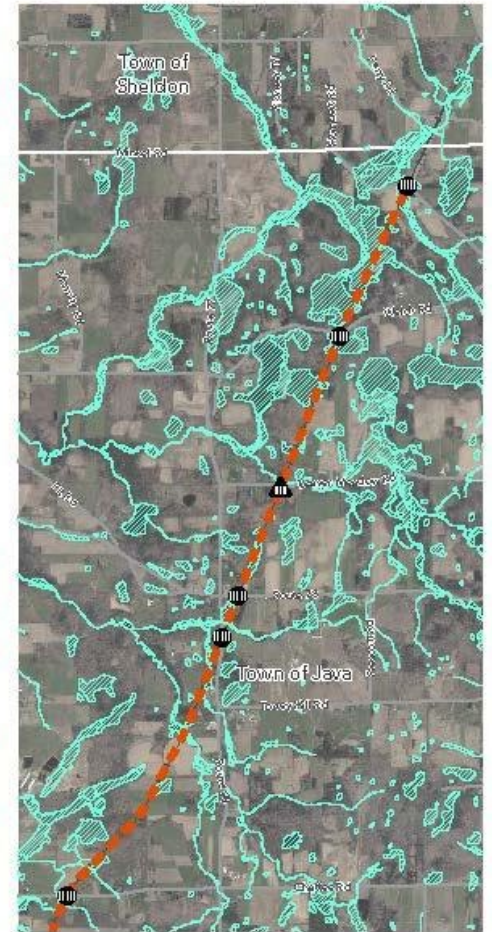
Arcade-Java Rail Trail

Priority Route: Arcade- Java Rail-with-Trail

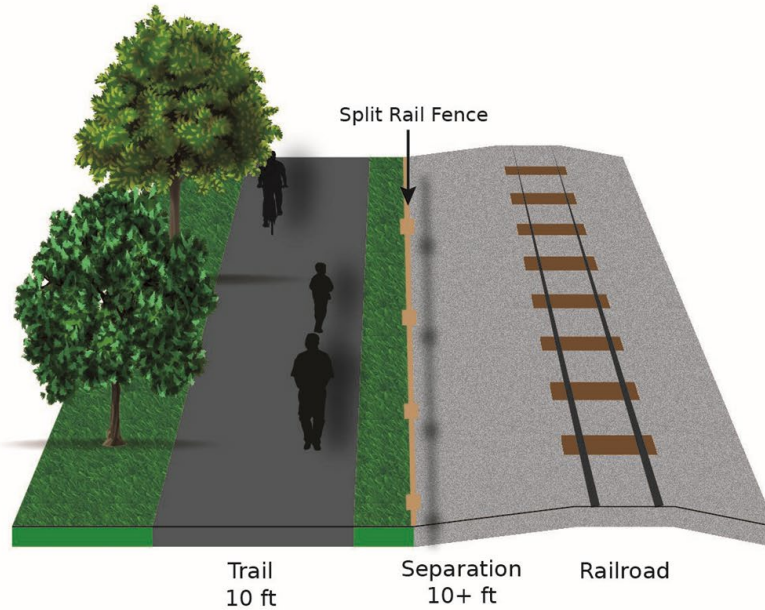
- Area de-Java Rail-with-Trail
- At Grade Road Crossing
- At Grade Driveway Crossing
- Bridge Road Crossing
- Existing Trail
- National Wetlands Inventory



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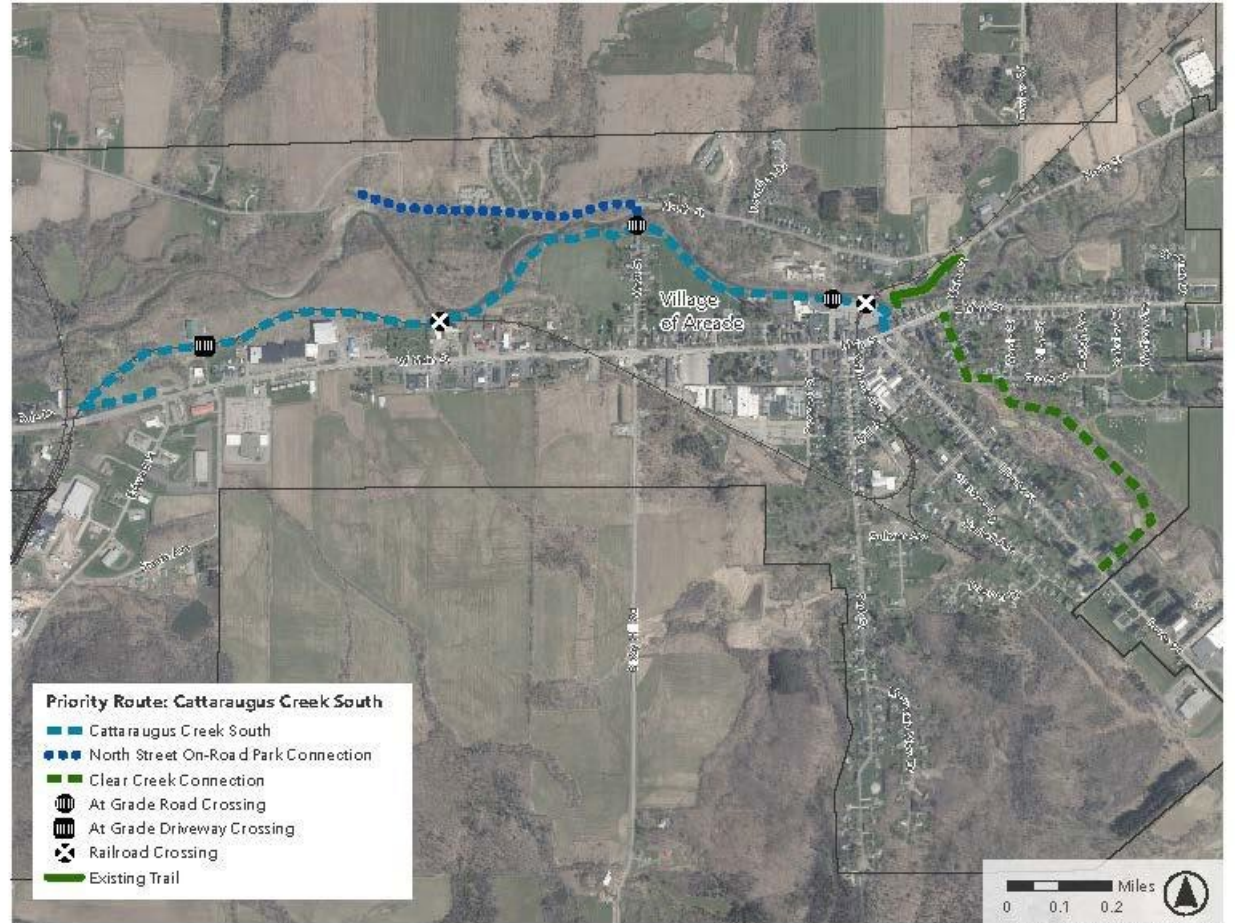


Arcade-Java Rail Trail



Arcade-Java Rail-with-Trail

Cattaraugus Creek Trail



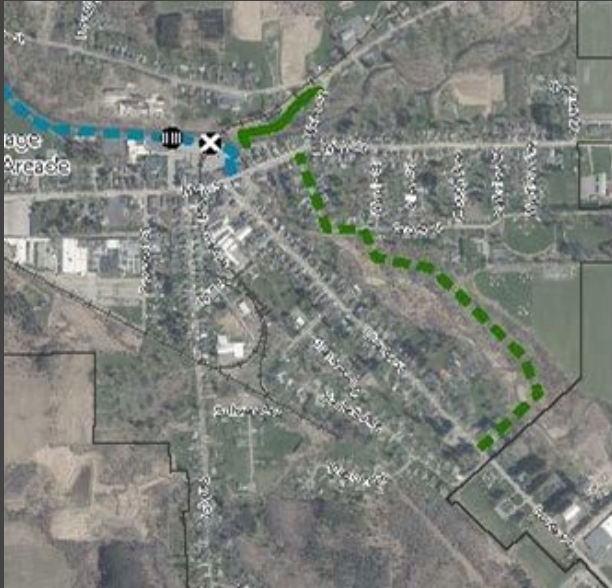
Cattaraugus Creek Trail



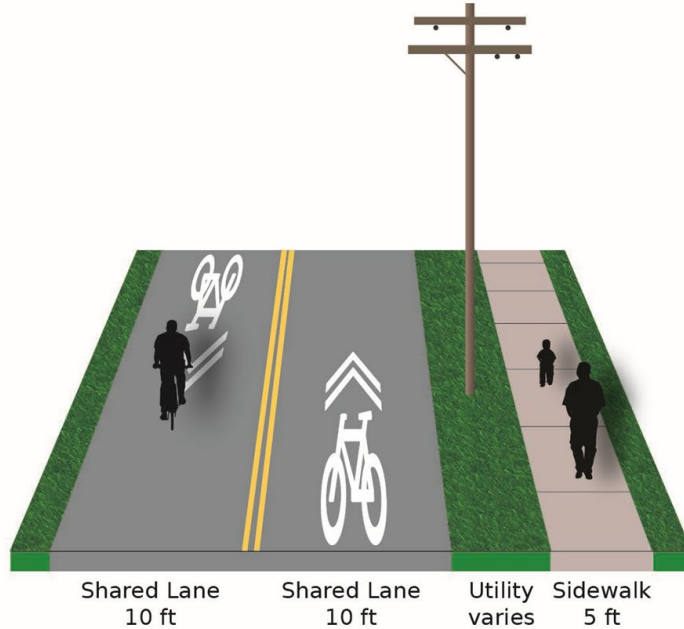
Trail
10 ft

Cattaraugus Creek Trail

Clear Creek Connection

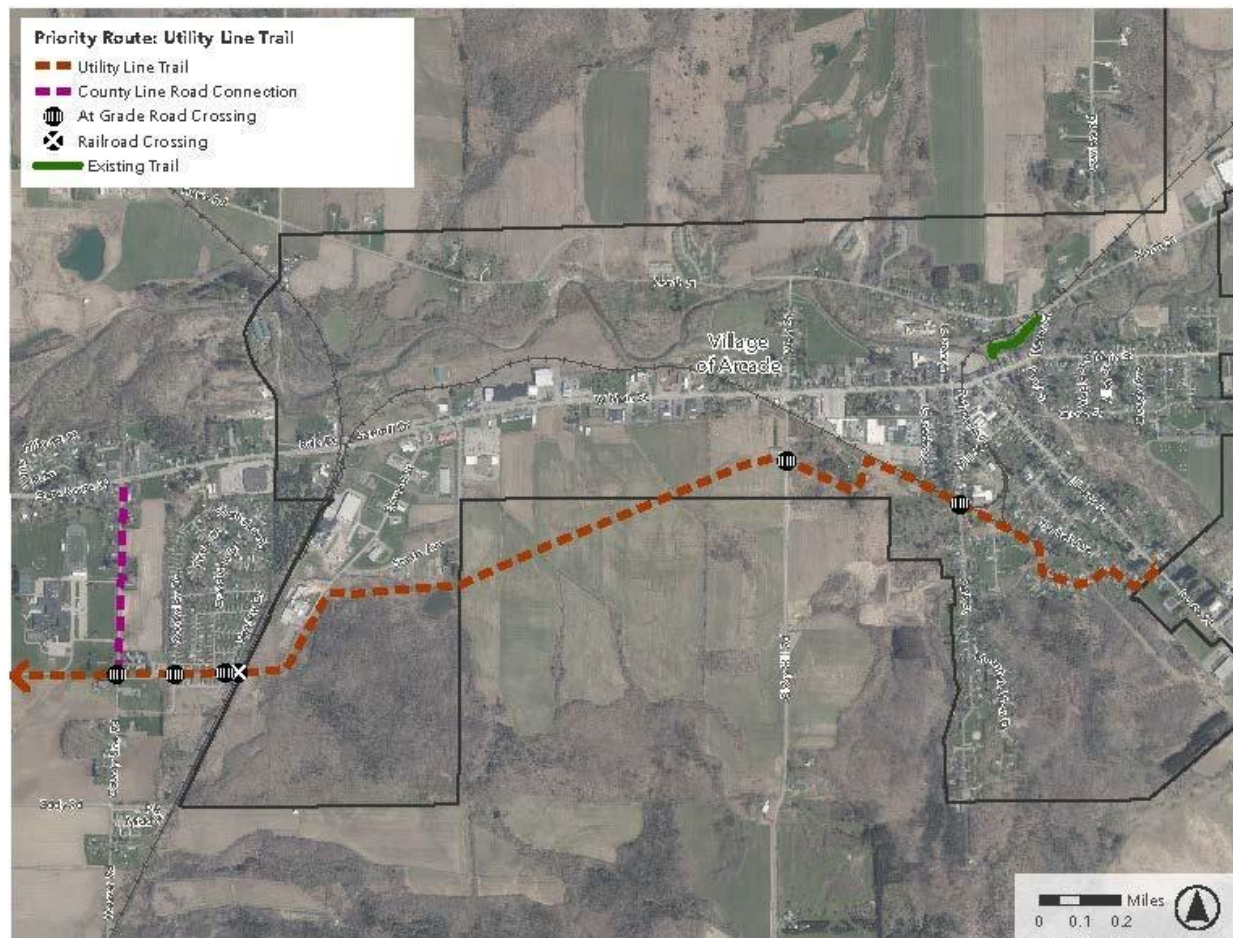


North Street Connection

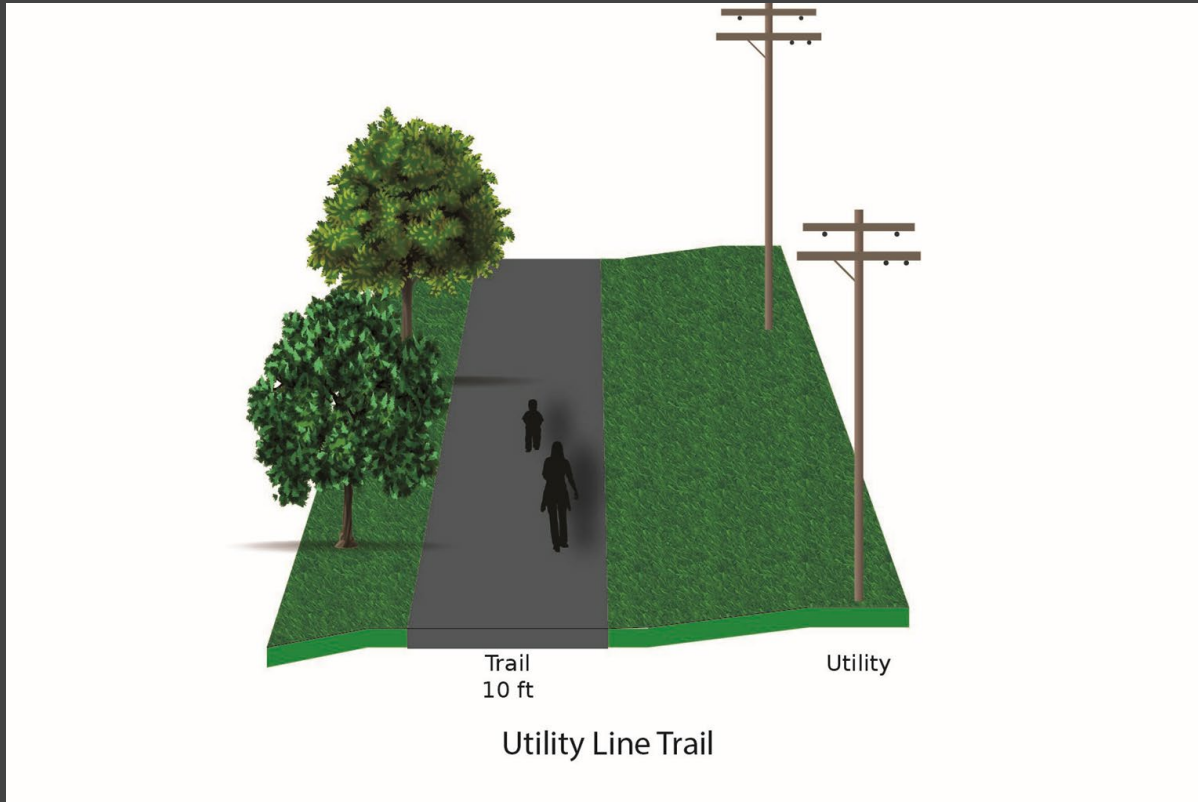


North Street - Sidewalks & Bike Boulevard

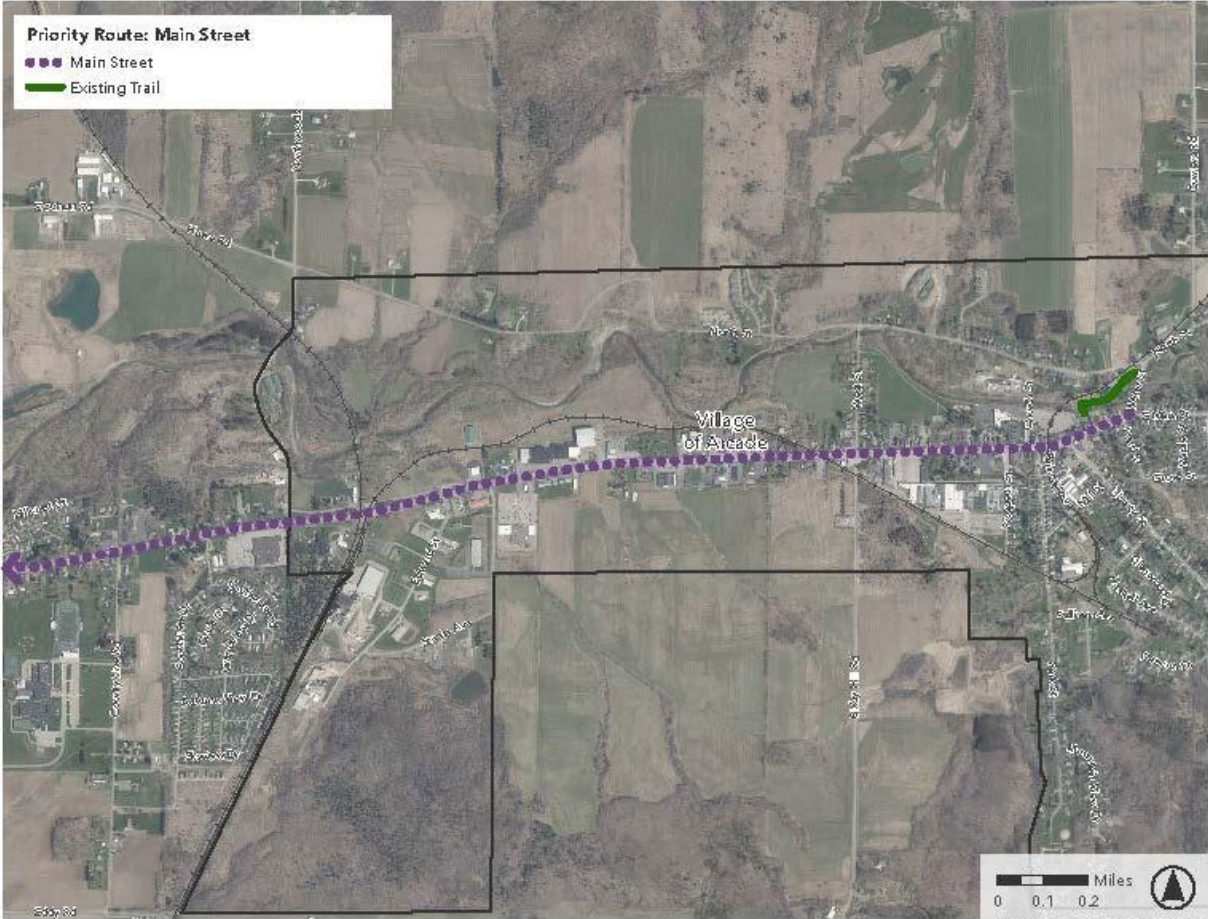
Transmission Line



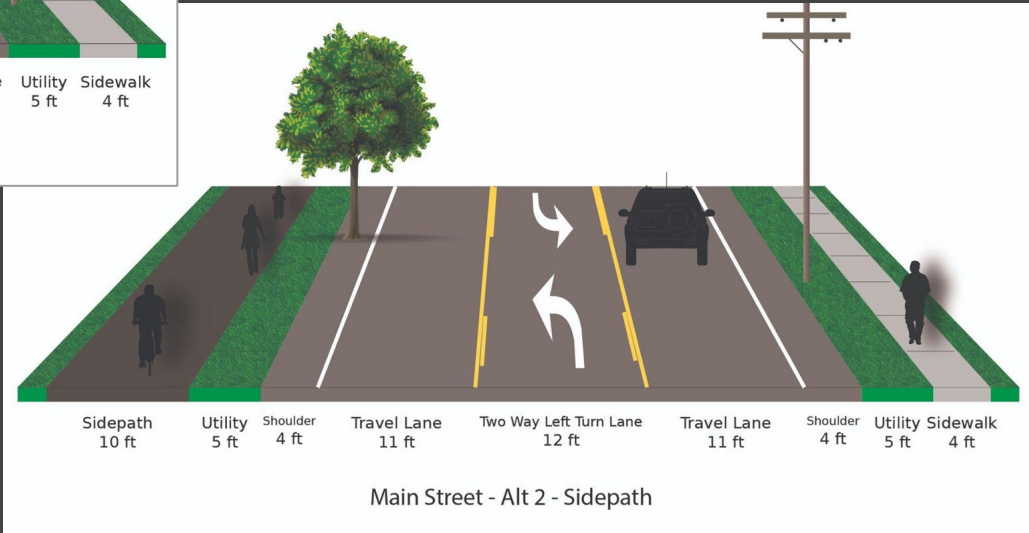
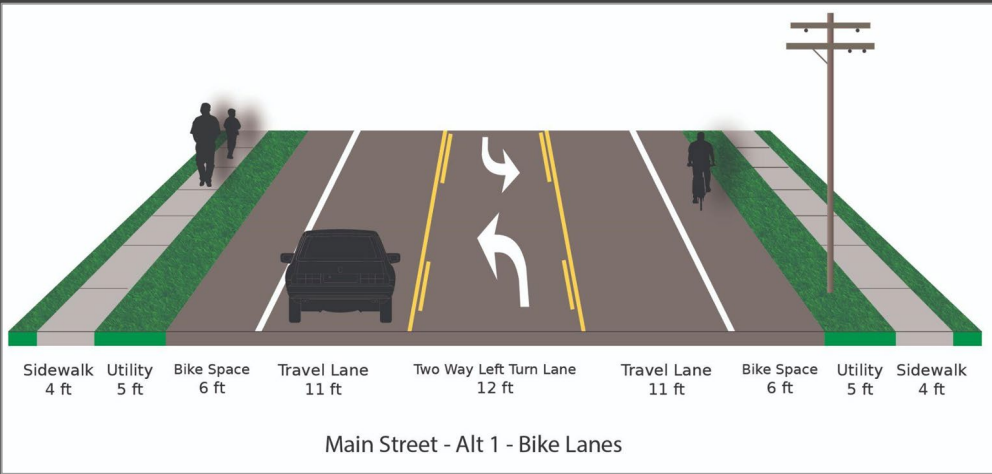
Transmission Line



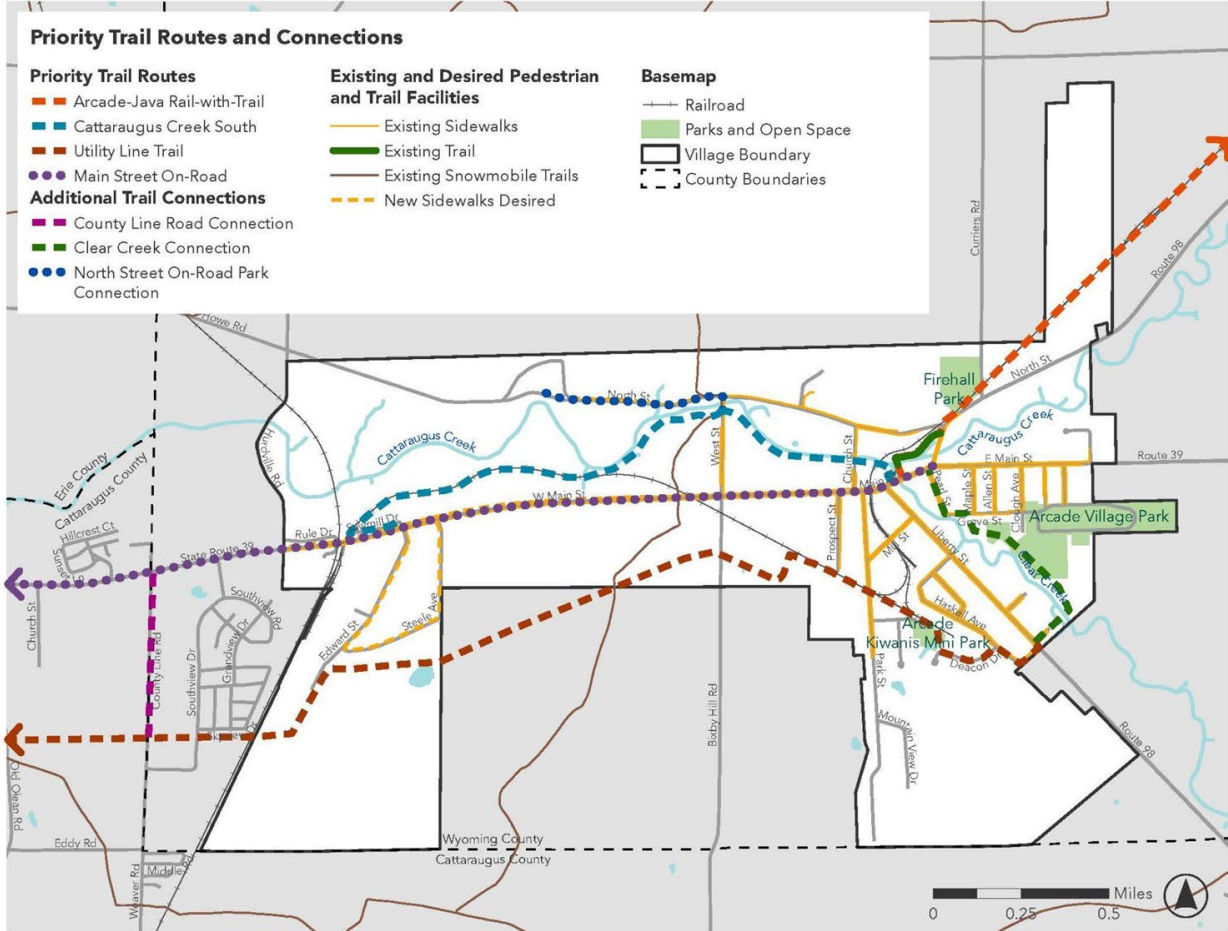
Main Street



Main Street Alternatives



Priority Routes



Next Steps: Implementation Plan and Final Report

Item	Qty.	Unit	Unit Price	Cost
Site Work				
Trailheads				
Access Points	2	EA	\$15,000	\$30,000.00
			Subtotal	\$30,000.00
Trail Construction				
Shared Use Path (Asphalt)	2420	LF	\$150	\$363,000.00
			Subtotal	\$363,000.00
On-Road Segments				
Sidepath	0	LF	\$110	\$ -
Cycle Track	1132	LF	\$20	\$22,640.00
Bike Lane	0	LF	\$7	\$ -
Shared Lane Markings	52	EA	\$300	\$15,600.00
Curb Ramps	8	EA	\$5,000	\$40,000.00
			Subtotal	\$78,240.00
Roadway Crossings				
Marked Crosswalk	10	EA	\$1,000	\$10,000.00
			Subtotal	\$10,000.00
Trail Amenities + Other				
Signage Allowance	17	EA	\$300	\$5,100.00
Mounting Lights	35	EA	\$7,000	\$245,000.00
Bridge	1	EA	\$250,000	\$250,000.00
			Subtotal	\$500,100.00
Site Work Total				\$981,340.00
General Contingency			30%	\$294,402.00
			Sub Total	\$1,275,742.00
Misc. Construction Costs				
Work Zone Traffic Control			3%	\$38,272.26
Field Change Order			5%	\$63,787.10
Mobilization			4%	\$51,029.68
			Subtotal	\$1,428,831.04
Engineering and Survey			20%	\$285,766.21
Construction Admin/Inspection			20%	\$285,766.21
			Total	\$2,000,363.46
Grand Total				\$2,000,363.46



Potential Funding Sources for General Recommendations

Most of the general recommendations are smaller projects that are better served by utilizing state and local funding sources or federal funds that do not require a robust application and administration process.

Project	Federal Funds									State Funds					
	BUILD	INFRA	FTA	CMAQ	HSIP	NHPP	STBG	TA	RTP	CHIPS	CDBG	CTG	EPF	LWRP	CSC
Bridge to Broadway Connection											✓		✓		
2nd Avenue Improvements and Urban Roundabouts	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓				✓
21st Street Improvements		✓	✓	✓						✓	✓				✓
23rd Street Bicycle Boulevard		✓	✓	✓						✓	✓				✓
5th Avenue Improvements and Traffic Signal Relocation										✓	✓				✓
16th Street and 5th Avenue Traffic Calming		✓	✓	✓						✓	✓				✓
North/South Bike Route		✓	✓	✓						✓	✓				✓
River Street Two-Way Conversion				✓						✓					
Ferry Street Pedestrian Improvements				✓							✓				
Franklin Alley and Churt Street Walkable Alleys											✓				✓
Amenities	✓	✓	✓			✓	✓	✓		✓	✓			✓	

Sample

Schedule

- Public Comment - through July 6
- Draft Report - early August
- Presentation to Board - August/September

Input Tonight / Next Steps

Deliverable 1

- Existing Conditions and Needs Analysis

Deliverable 2

- Trail Alternatives

Deliverable 3

- Trail Recommendations
- Trail Connections

Public Input:

**Specific Trail opportunities and challenges?
Which trail would be your priority to get built?**

Deliverable 4

- Implementation Plan
- Final Report

Questions?



GOBike