

**Victoria Street Roadway and Trail Design Study
Public Open House #3 | July 14, 2022**

Agenda

- Introductions
- Study activities to date
- Work since last open house
- Remaining Victoria Street concepts
- Comparison of Victoria Street concepts
 - Impacts
 - Connections to destinations
- Concept walkthrough
- Next steps

Victoria Street Existing Corridor Characteristics



Note: Proposed west side trail concept extends to Harriet Ave., as a result of feedback from Public Open House #2.

Corridor length (mile)	1.8
Speed limit (miles per hour)	35–40
Existing right-of-way	62'–84'
Annual average daily traffic (AADT) (source: MnDOT)	4,950–6,200
Road geometry	<ol style="list-style-type: none"> 1. Two-lane, two-way with paved shoulders 2. Rural cross section 3. Many driveways access road
Existing non-motorized facilities	<ul style="list-style-type: none"> -One small sidewalk segment -Striped shoulders
Parking	Restricted and partially restricted

Project Goals

- Create a safe and comfortable walking/biking environment along and across Victoria Street for users of all abilities.
- Link to existing trail infrastructure and nearby destinations.
- Improve safety for all users of Victoria Street.
- Minimize property impacts.
- Develop improvements that are financially feasible.

Project Timeline – Key Study Activities

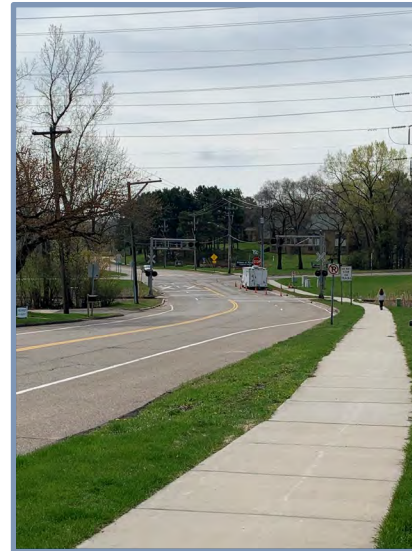
Activity	Date
Project begins, analysis of existing conditions	Summer-Fall 2021
Open House #1 (In person & Online)	October 28, 2021
Draft concept development and high-level screening of cross section options	Winter 2022
Open House #2 (Online)	April 7, 2022
Concept revisions and evaluation	Spring-Summer 2022
Open House #3 (In person)	July 14, 2022
Final corridor study report	End of July 2022

Summary of Round #2 Public Open House - April 2022

- Both remaining concepts – are good; better than status quo.
- West side connects to more places that people walk/bike to.
- If west side concept moves forward, it should extend further north to Harriet Avenue to connect to existing trail by St. Odilia and Island Lake Elementary.
- More support for one shared use trail rather than separate walking and biking trails.
- Concern about potential property impacts.
- Various opinions on whether trails are needed on both sides.

Activity Since Open House #2

- Developed layouts for 2 concepts – trail on west side and trail on east side.
- Evaluated and compared two concepts.



Victoria St between County Rd C W and W Owasso Blvd

Victoria Street Vision – Phased Approach

Planning Context:

- Full reconstruction of Victoria Street not planned for the near term.
- Ramsey County does not have funding identified for a full reconstruct of Victoria Street.
- Goal of this study is to establish a vision for Victoria Street that can effectively accommodate bicycle and pedestrian activity now and into the future.

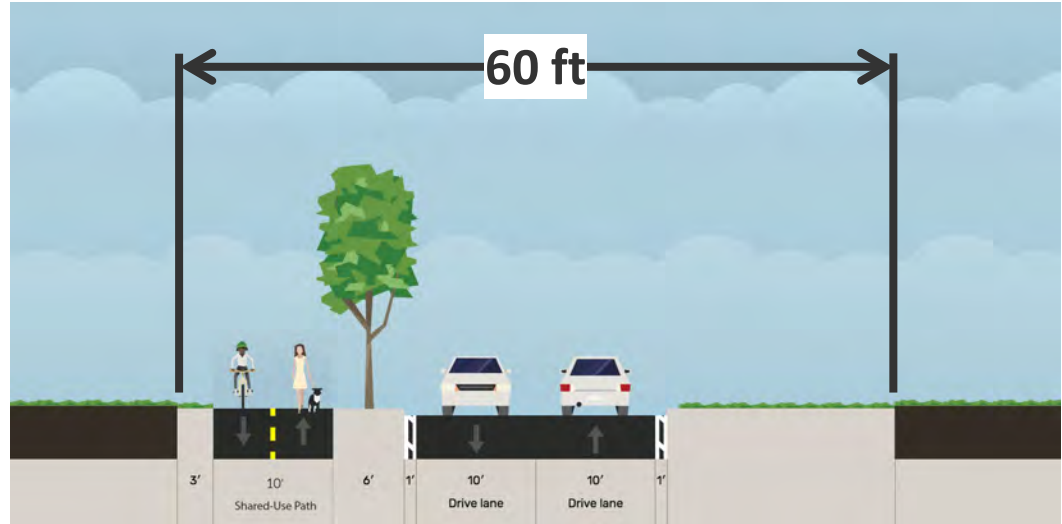
Phasing of Concepts

Phased implementation of a corridor vision may look like:

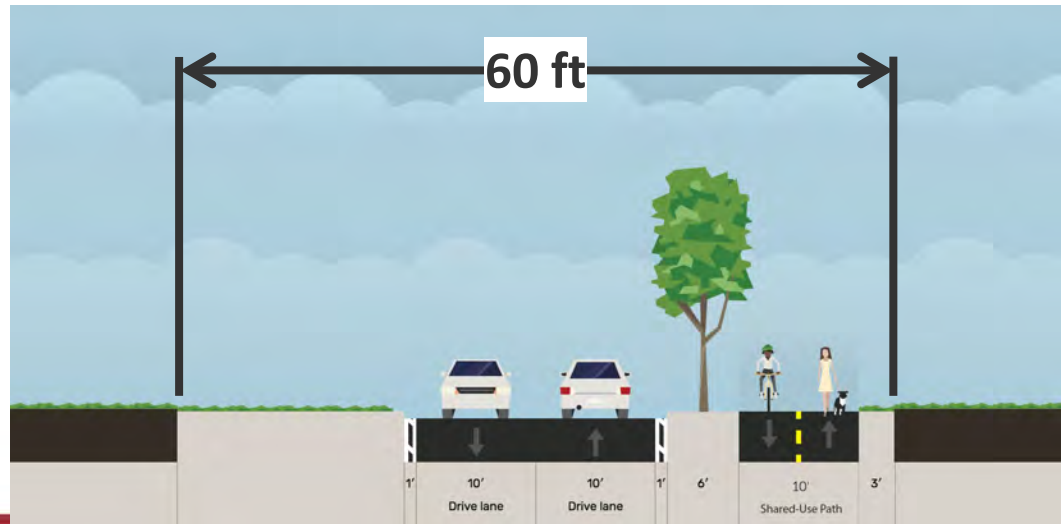
- Phase 1, Urban section (curb and gutter) + trail on one side.
- Phase 2, Full reconstruction of Victoria Street; reconsider adding trail or sidewalk on opposite side during planning phase for reconstruct.

Remaining Cross Sections Following Screening, Reflecting Phasing

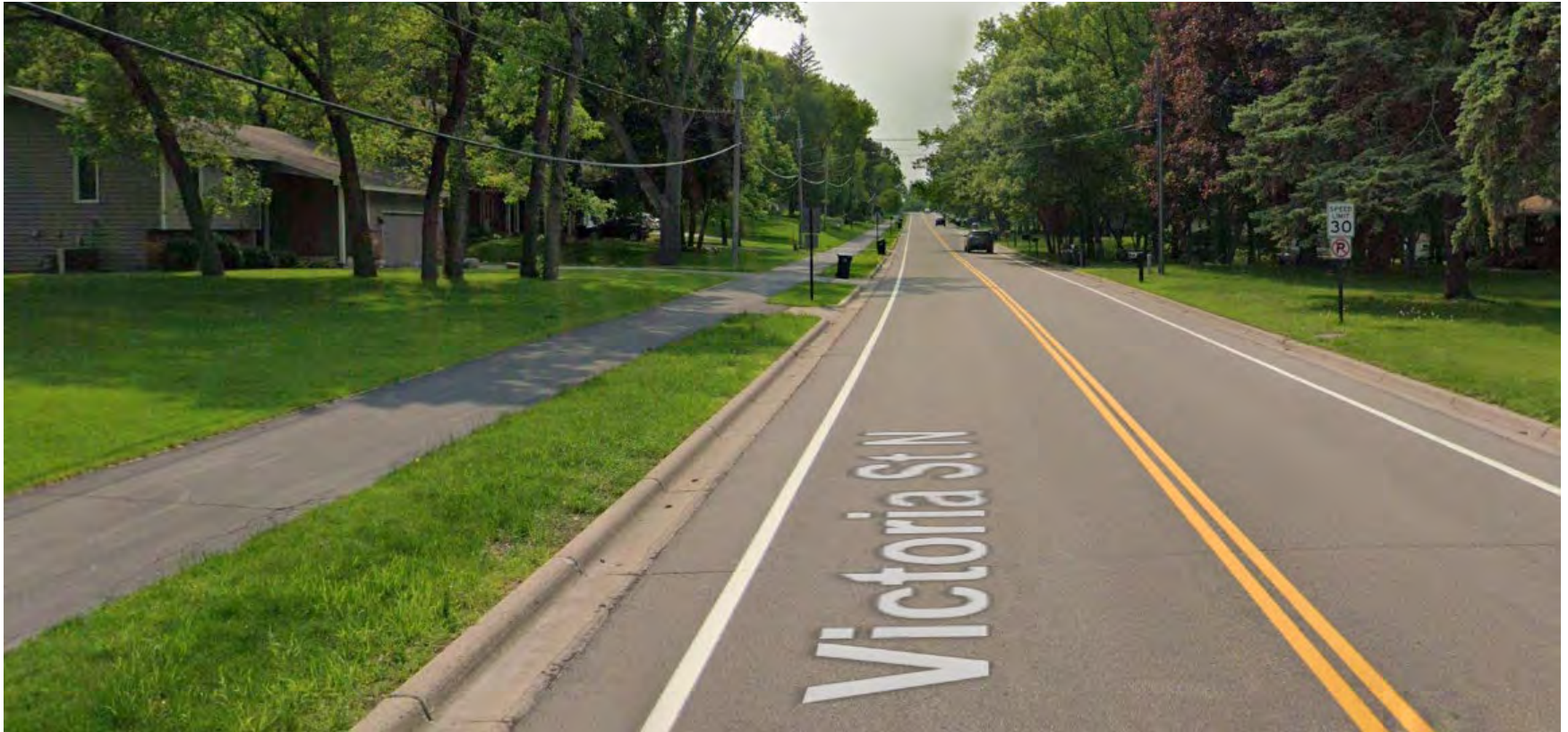
Trail on the west side



Trail on the east side



Phase 1 Example – Trail on One Side



Victoria Street N, Shoreview, MN

Maps Data: Google, © 2022 Maxar Technologies

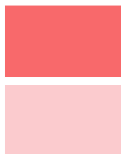
Phase 1 Concept Evaluation

**Comparison first based on project needs and goals.
Both alternatives:**

- Are appropriate for users of all ages and abilities.
- Improve nonmotorized access.
- Increase local and regional nonmotorized connections.
- Maintain vehicle mobility.
- Have the potential to improve bicycle and pedestrian safety.
- Have the potential to improve motor vehicle safety.

Phase 1 Concept Evaluation – Differentiating Measures*

	Criteria	Measure	West	East	Notes
Needs	Bicycle and Pedestrian Mobility and Connectivity	Direct connection to key destinations west of Victoria Street?	✓	x	East side trail would require additional crossings.
		Consistent with existing trail facilities?	✓	x	East side trail not consistent with Victoria St. trails north and south of study area.
Impacts	Utilities	Likely to impact overhead power lines?	Fewer Impacts	More Impacts	East side: impacts to more linear feet of overhead power lines are likely.
	Above Ground Structures	Likely to require relocation of mailboxes and/or roadway signage?	More Impacts	Fewer Impacts	West side will impact mailboxes. Both concepts would impact road signs.
	Drainage	Increases amount of impervious surface in corridor?	Fewer Impacts	More Impacts	East side: larger increase in acres of impervious surface is likely.
	Right of Way Impacts	Permanent right of way or easement impacts likely?	More Impacts	Fewer Impacts	West side: permanent impacts to more parcels are likely.
	Temporary Property Impacts	Temporary construction impacts likely?	Fewer Impacts	More Impacts	East side: temporary impacts to more parcels are likely.
	Retaining Walls	Likely to require construction of retaining walls?	Fewer Impacts	More Impacts	East side: more linear feet of retaining walls are likely.



More impacts OR does not meet need

Fewer impacts

*Based on high-level evaluation. Alternatives will require more detailed evaluation as the project progresses.

Phase 1 Concept Evaluation

Additional social, economic, and environmental impacts also evaluated – no major differences based on high-level evaluation:

- **Traffic:** Restriping and shoulder removal.
- **Wetlands:** No impacts anticipated.
- **Floodplain:** No impacts anticipated.
- **Parking:** Some impacts due to shoulder reduction.
- **Maintenance and Operations:** Additional maintenance required for new trail.

West Side Trail Concept

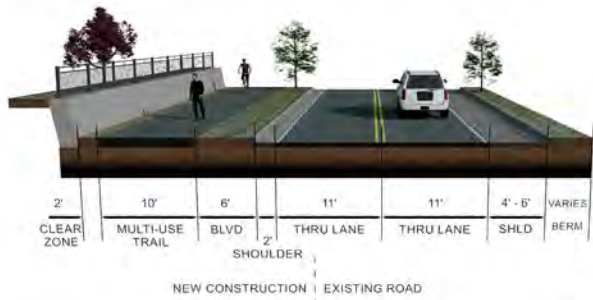


VICTORIA STREET WEST SIDE CONCEPT, TYPICAL SECTION A - A



VICTORIA STREET WEST SIDE CONCEPT, TYPICAL SECTION B - B



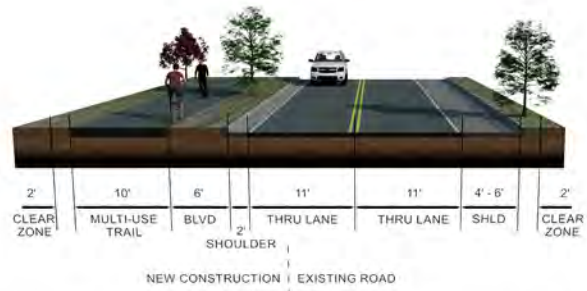


VICTORIA STREET WEST SIDE CONCEPT, TYPICAL SECTION C - C



LEGEND	
	EXISTING SIDEWALK
	EXISTING TRAIL
	PROPOSED TRAIL (8' TO 10')
	EXISTING PEDESTRIAN CROSSING
	PROPOSED PEDESTRIAN CROSSING
	INTERSECTION SUBJECT TO FUTURE IMPROVEMENTS TO ADDRESS SAFETY & OPERATIONS

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VICTORIA STREET WEST SIDE CONCEPT, TYPICAL SECTION B - B



VICTORIA STREET WEST SIDE CONCEPT, TYPICAL SECTION D - D



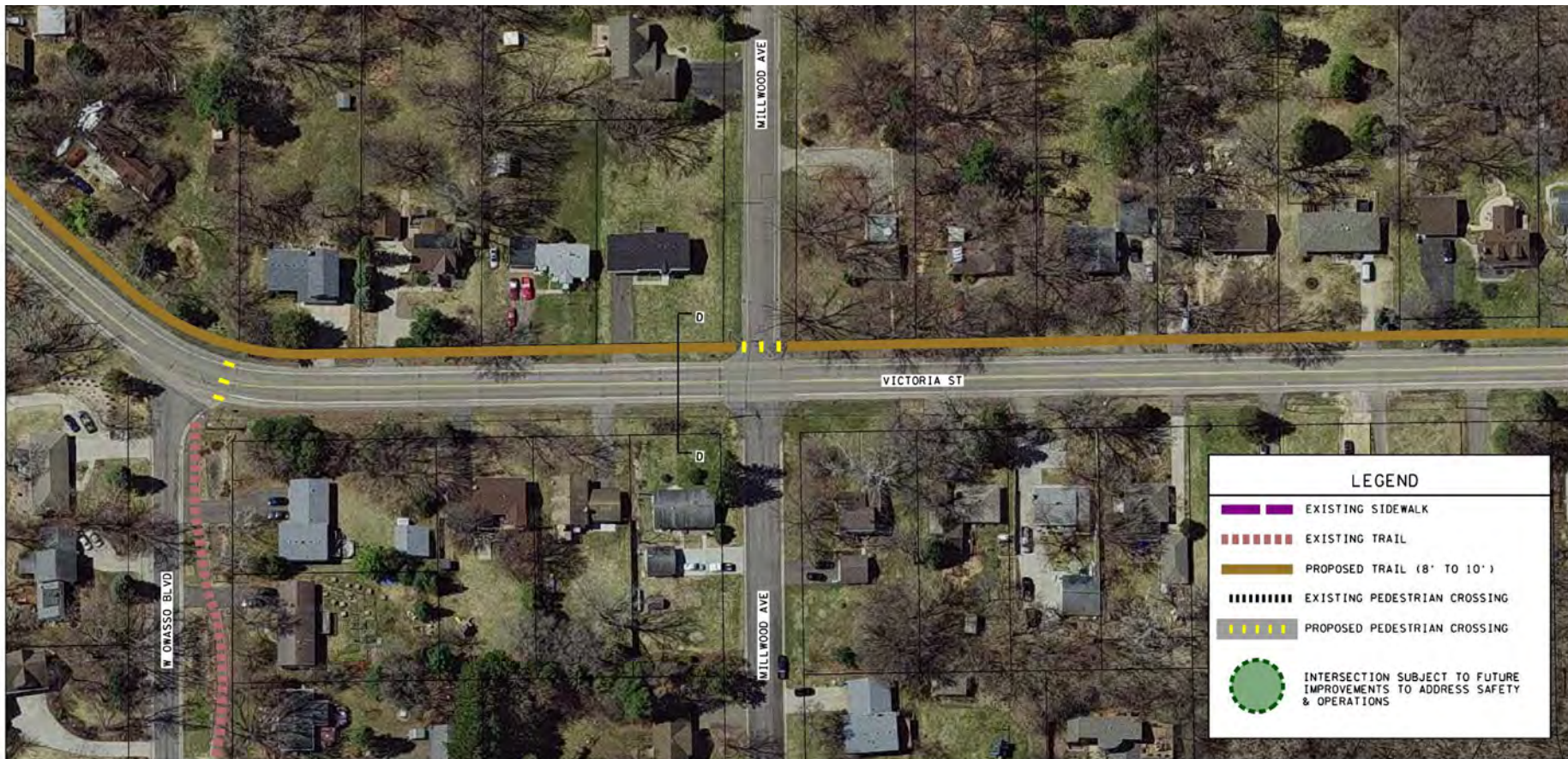
LEGEND

- EXISTING SIDEWALK
- EXISTING TRAIL
- PROPOSED TRAIL (8' TO 10')
- EXISTING PEDESTRIAN CROSSING
- PROPOSED PEDESTRIAN CROSSING
- INTERSECTION SUBJECT TO FUTURE IMPROVEMENTS TO ADDRESS SAFETY & OPERATIONS

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 User: rjames@ramsey.mn.gov



VICTORIA STREET WEST SIDE CONCEPT, TYPICAL SECTION D - D





VICTORIA STREET WEST SIDE CONCEPT, TYPICAL SECTION D - D



LEGEND

- EXISTING SIDEWALK
- EXISTING TRAIL
- PROPOSED TRAIL (8' TO 10')
- EXISTING PEDESTRIAN CROSSING
- PROPOSED PEDESTRIAN CROSSING
- INTERSECTION SUBJECT TO FUTURE IMPROVEMENTS TO ADDRESS SAFETY & OPERATIONS

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VICTORIA STREET WEST SIDE CONCEPT, TYPICAL SECTION D - D



LEGEND

- EXISTING SIDEWALK
- EXISTING TRAIL
- PROPOSED TRAIL (8' TO 10')
- EXISTING PEDESTRIAN CROSSING
- PROPOSED PEDESTRIAN CROSSING
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VICTORIA STREET WEST SIDE CONCEPT, TYPICAL SECTION D - D



LEGEND

- EXISTING SIDEWALK
- EXISTING TRAIL
- PROPOSED TRAIL (8' TO 10')
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VICTORIA STREET WEST SIDE CONCEPT, TYPICAL SECTION D - D



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 User: rchase@wsb.com
 Plot Size: 11.00 x 17.00

East Side Trail Concept



VICTORIA STREET EAST SIDE CONCEPT, TYPICAL SECTION A - A



VICTORIA STREET EAST SIDE CONCEPT, TYPICAL SECTION B - B











VICTORIA STREET EAST SIDE CONCEPT, TYPICAL SECTION D - D



LEGEND

-  EXISTING SIDEWALK
-  EXISTING TRAIL
-  PROPOSED TRAIL (8' TO 10')
-  EXISTING PEDESTRIAN CROSSING
-  PROPOSED PEDESTRIAN CROSSING
-  INTERSECTION SUBJECT TO FUTURE IMPROVEMENTS TO ADDRESS SAFETY & OPERATIONS

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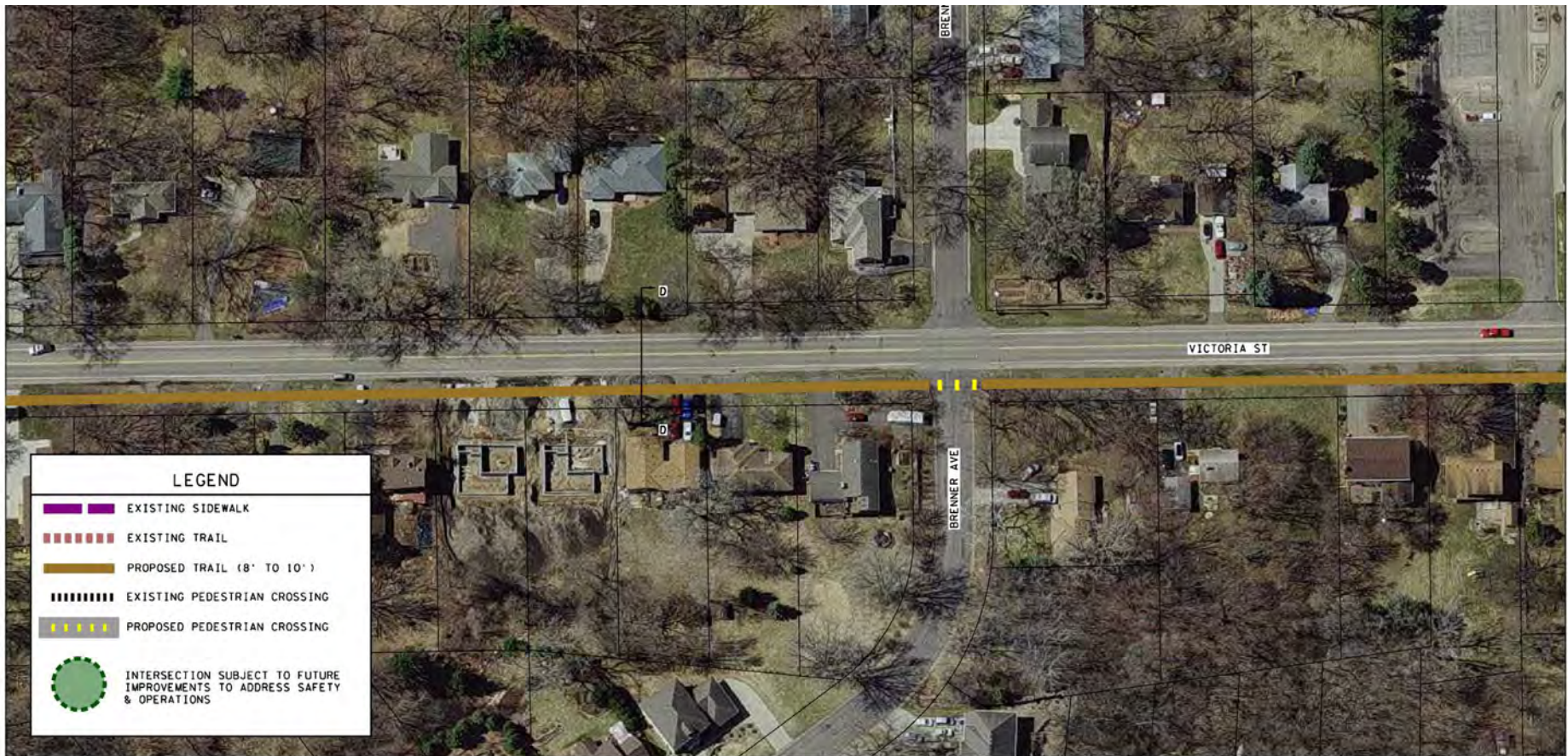


VICTORIA STREET EAST SIDE CONCEPT, TYPICAL SECTION D - D





VICTORIA STREET EAST SIDE CONCEPT, TYPICAL SECTION D - D









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VICTORIA STREET EAST SIDE CONCEPT, TYPICAL SECTION D - D



LEGEND

-  EXISTING SIDEWALK
-  EXISTING TRAIL
-  PROPOSED TRAIL (8' TO 10')
-  EXISTING PEDESTRIAN CROSSING
-  PROPOSED PEDESTRIAN CROSSING
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VICTORIA STREET EAST SIDE CONCEPT, TYPICAL SECTION D - D



LEGEND

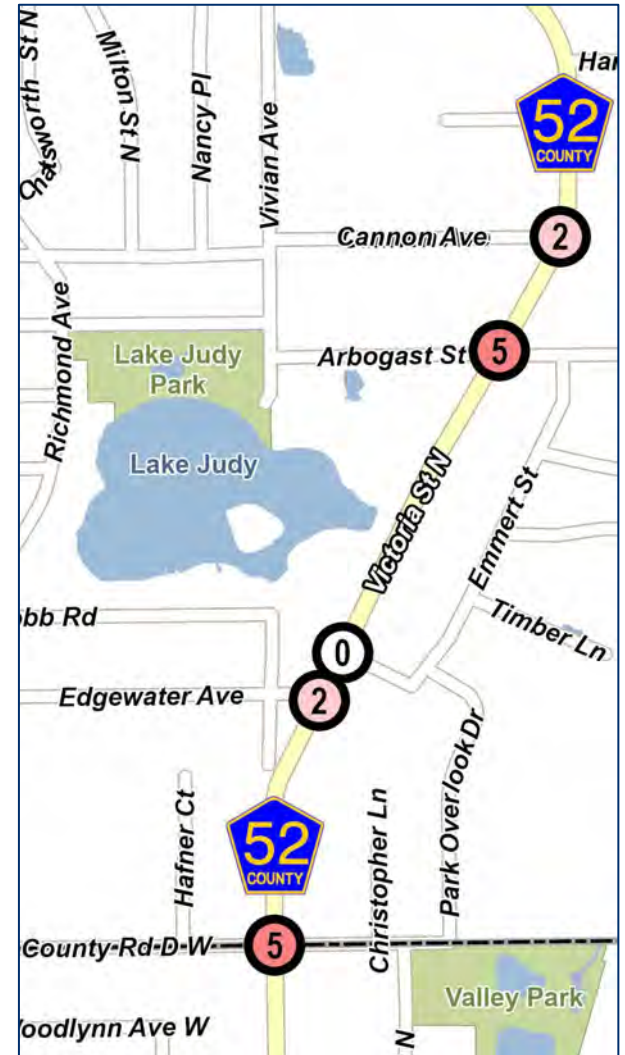
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Intersections

- Screened to determine if future changes should be considered.
- Woodhill Dr.; W Owasso Blvd.; CR D; and Arbogast identified for further consideration.

	Total Criteria Met
Cannon Ave	2
Arbogast St	5
Emmert St	0
Edgewater Ave	2
W County Rd D	5
Brenner Ave	1
Millwood Ave*	1
W Owasso Blvd*	3
County Rd C2 W	1
Orchard Ln	1
Woodhill Dr	3
County Rd C W	6



Intersections

- Intersections improvements will be considered before Victoria St. construction.
- CR C will be part of a separate project.



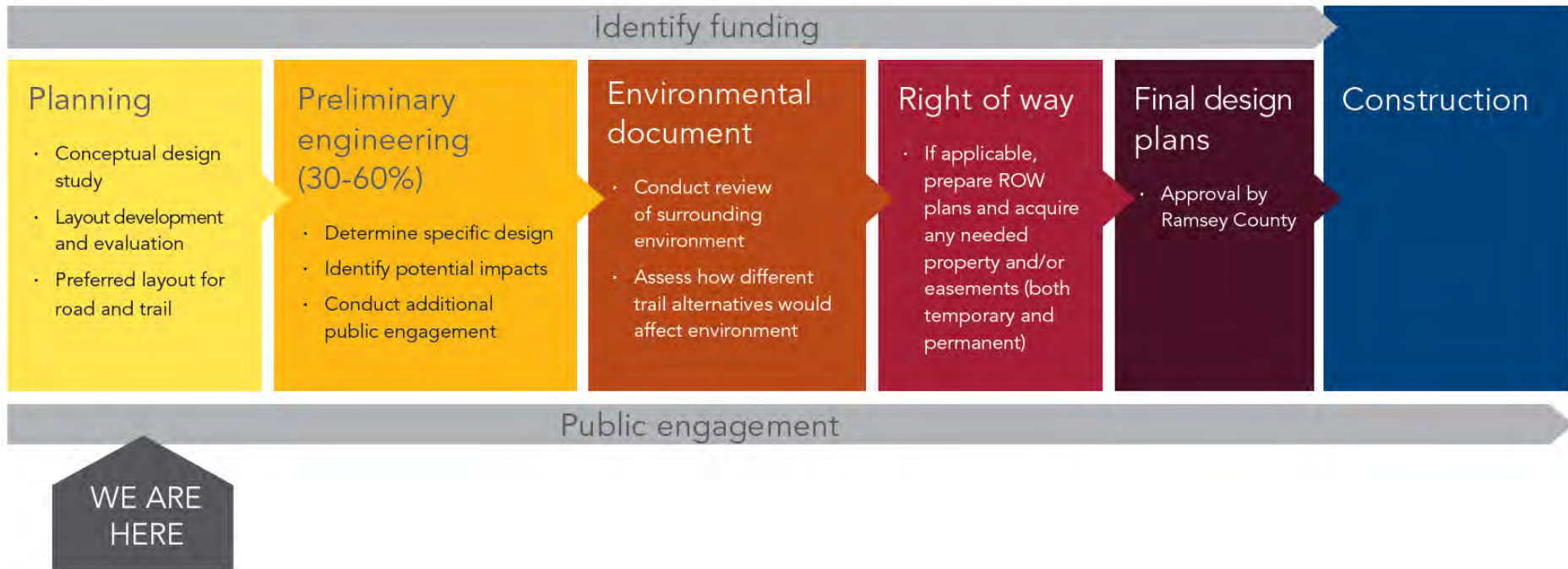
Victoria St at County Road D



Victoria St at West Owasso Blvd

Next Steps

- Complete Study – End of July 2022.
- Identify funding for Phase I – construction of trail on one side of Victoria St.
- Finish engineering, environmental and right of way.
- Construct project – Date to be determined after processes above are completed.



Thank you!
Questions and answers