



TOWN OF LAKEVIEW TRANSPORTATION SYSTEM PLAN



Advisory Committee Meeting #3 | May 13, 2021

AGENDA

Time	Topic
1:00 p.m.	Introductions
1:10 p.m.	Overview of Public Input on Solutions Memorandum
1:25 p.m.	Overview of Preferred Plan Memo
2:00 p.m.	Feedback from Advisory Committee
2:20 p.m.	Next Steps



INTRODUCTIONS



OVERVIEW OF PUBLIC INPUT ON SOLUTIONS MEMORANDUM



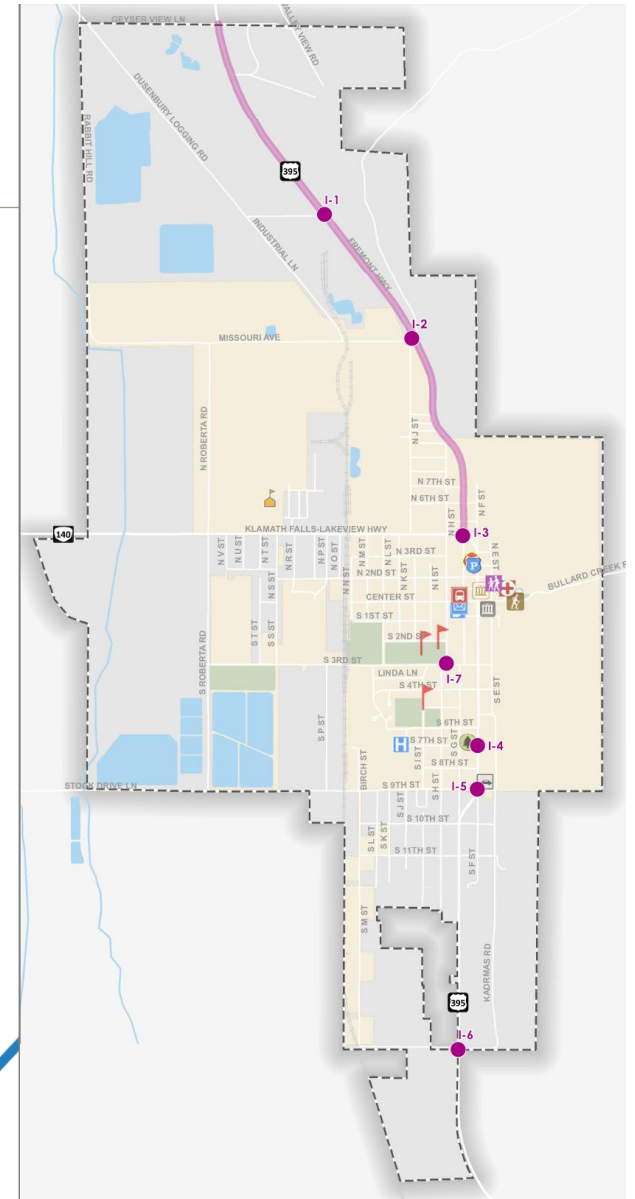
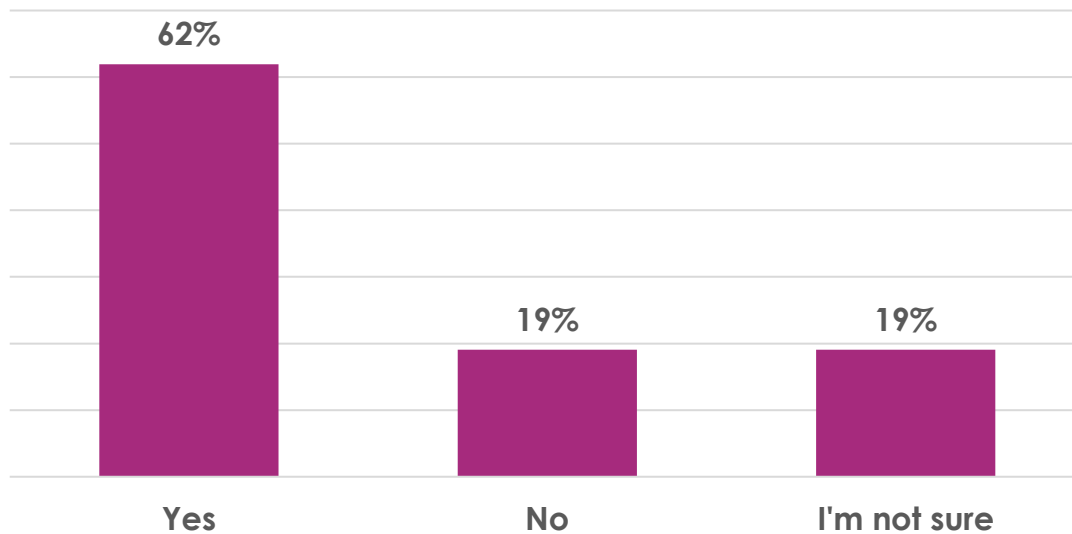
OVERVIEW OF PUBLIC INPUT ON SOLUTIONS MEMORANDUM

- Held online from March 29 to April 12, 2021
- Advertised via:
 - Flyers online and around Town
 - Information on project website
 - Stakeholder emails
 - Press releases to local media, including newspaper
 - Utility bill inserts
- Hosted 21 participants
- 60-90% of participants supported modal changes



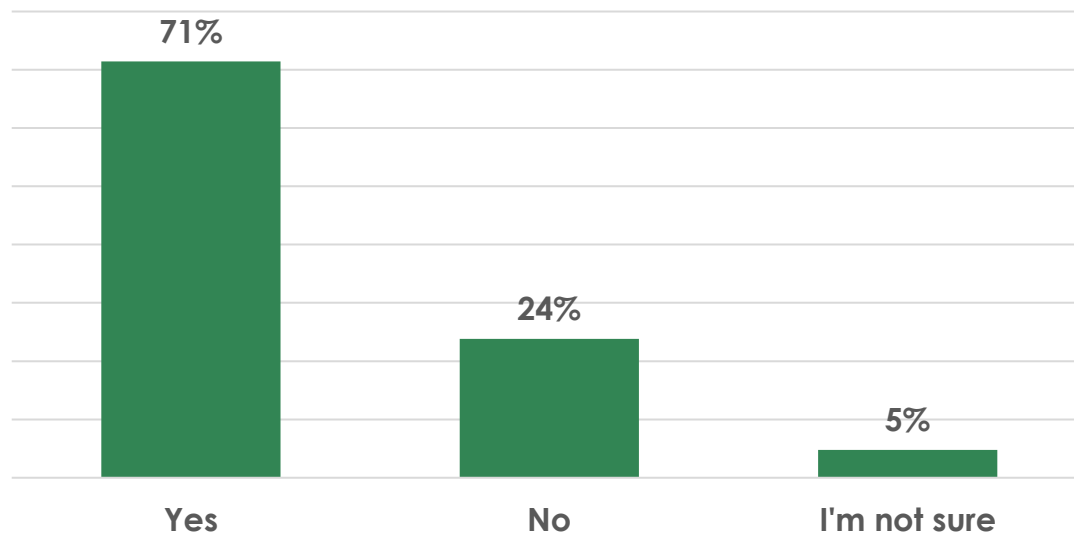
OVERVIEW OF PUBLIC INPUT ON SOLUTIONS MEMORANDUM

How did participants support the proposed intersection and street changes?



OVERVIEW OF PUBLIC INPUT ON SOLUTIONS MEMORANDUM

How did participants support the proposed emerging technology solutions?



*Electric bicycle/
scooter evaluation
study*

*Electric vehicle
charging station
feasibility study*

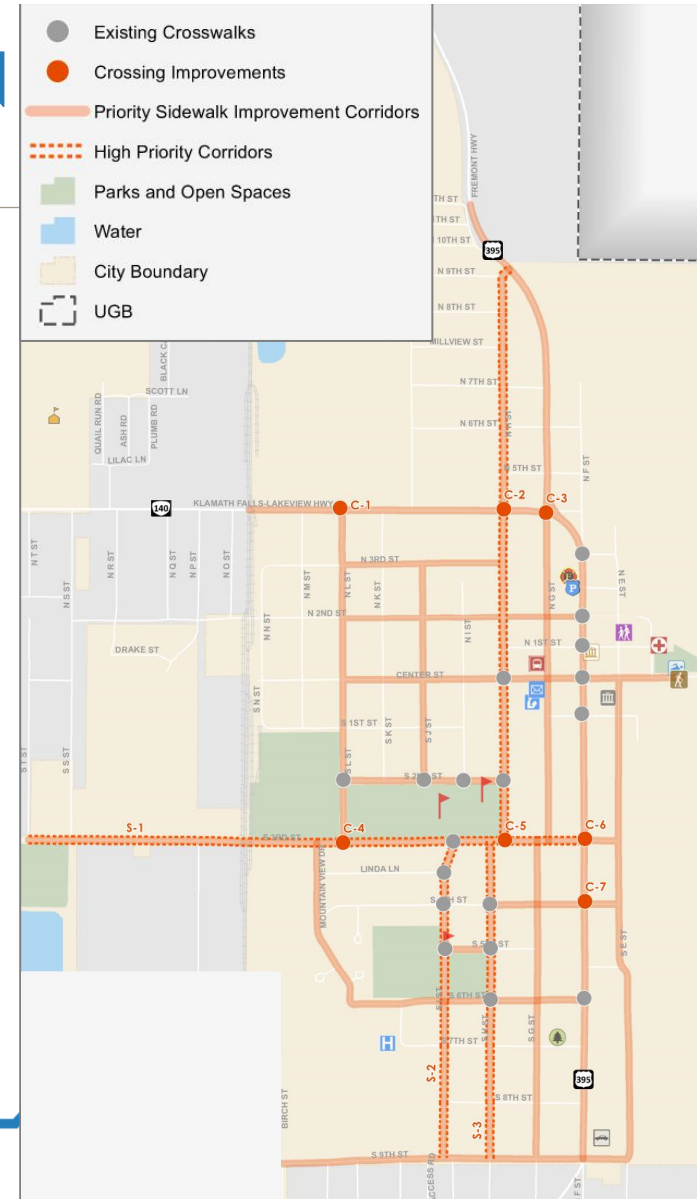
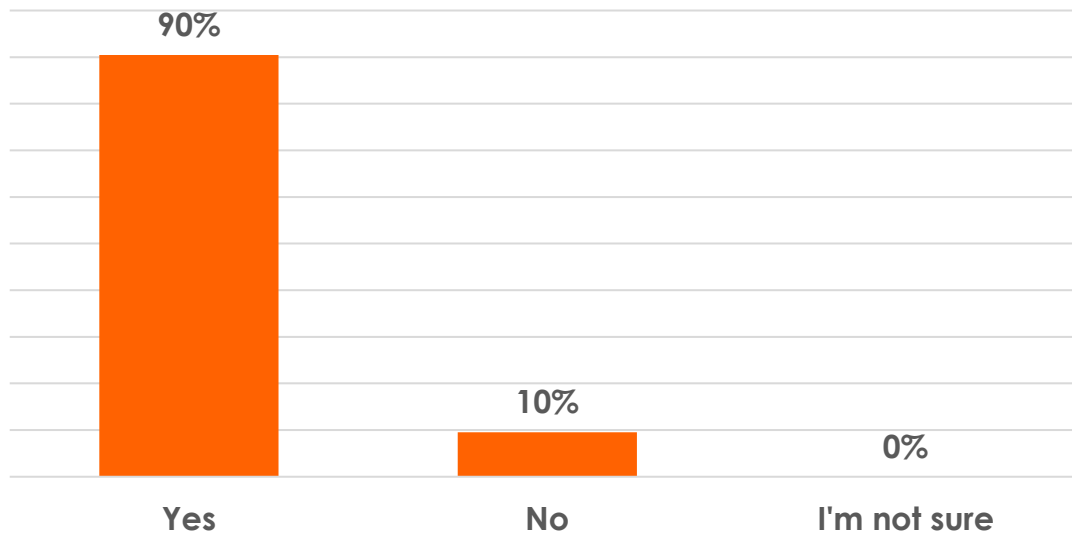
*Curbside management
strategies*

*Intelligent
transportation systems*



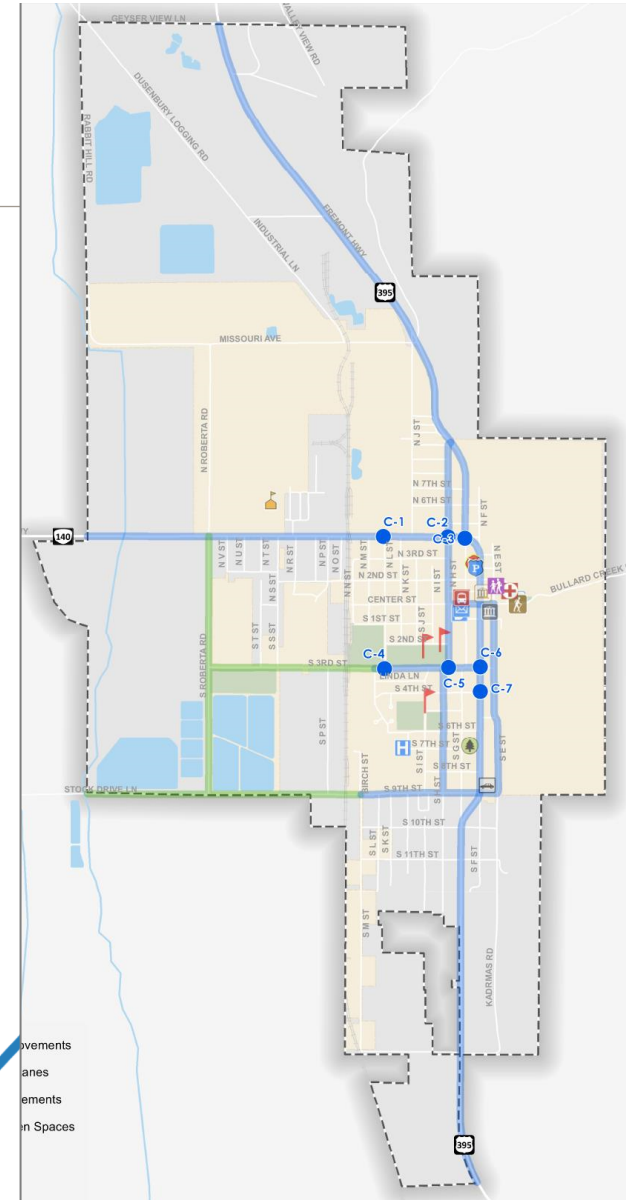
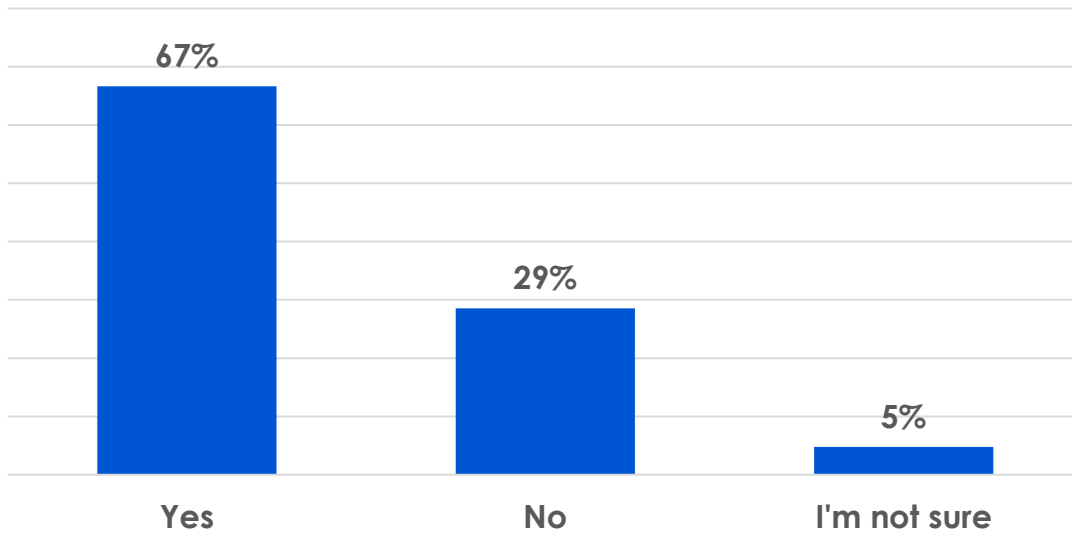
OVERVIEW OF PUBLIC INPUT ON SOLUTIONS MEMORANDUM

How did participants support the proposed pedestrian system changes?



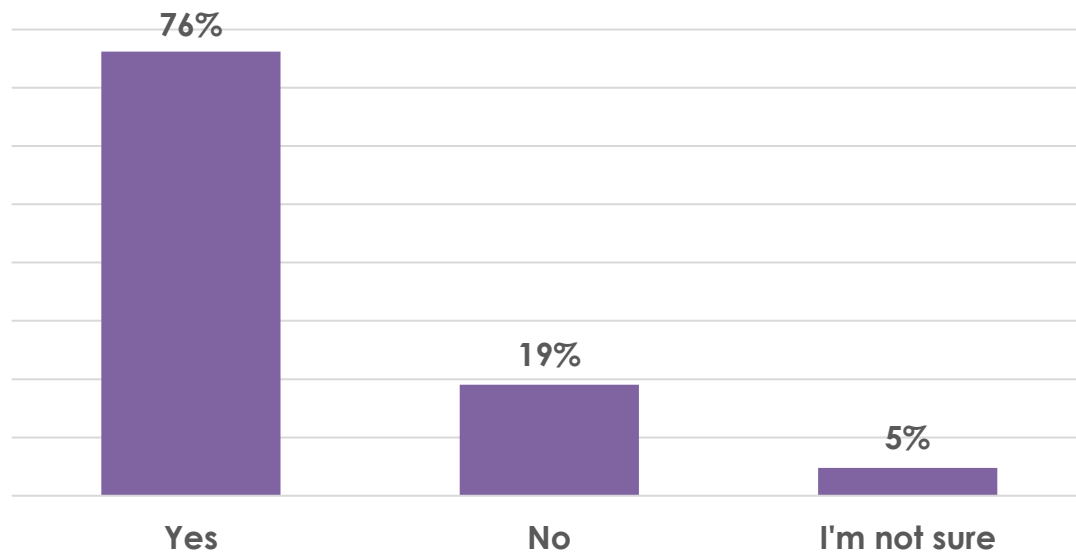
OVERVIEW OF PUBLIC INPUT ON SOLUTIONS MEMORANDUM

How did participants support the proposed bicycle system changes?



OVERVIEW OF PUBLIC INPUT ON SOLUTIONS MEMORANDUM

How did participants support the proposed transit system solutions?



- Continue existing service*
- Improve Lakeview service*
- Add weekend service*
- Improve coordination*
- Educate public on transit options*
- Increase regional connections*



OVERVIEW OF PREFERRED PLAN MEMO



OVERVIEW OF PREFERRED PLAN MEMO

1. Presents preferred solutions to Town's transportation system based on:
 - Technical analyses
 - Public input and Project Advisory Committee (PAC) feedback
 - Collaboration with Town and ODOT
2. Includes projects, programs, and studies for the:
 - Street System
 - Pedestrian System
 - Bicycle System
 - Transit System
 - Air & Rail System
3. Introduces transportation funding including potential funding sources



OVERVIEW OF PREFERRED PLAN MEMO

Street System Solutions

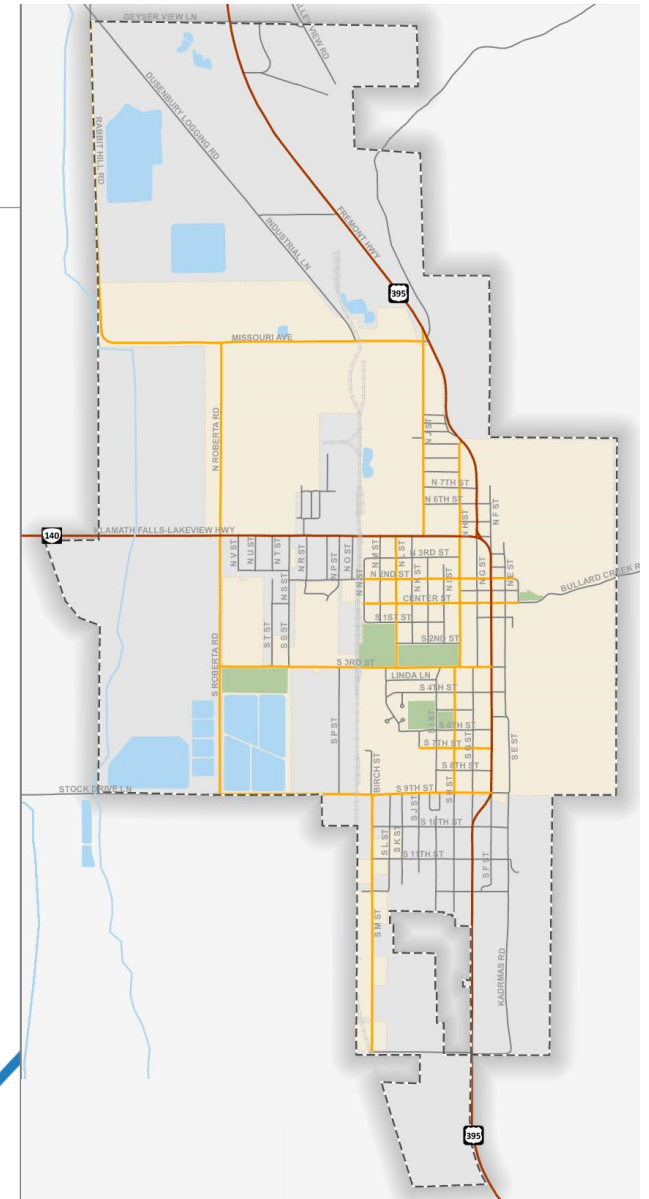
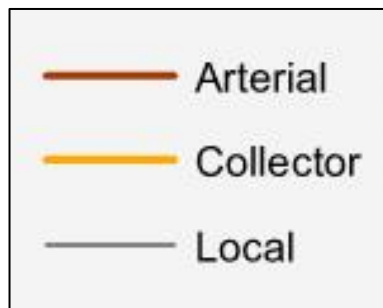
- Functional Classification System
- Freight System
- Intersection and Street Projects
- School Circulation → **NEW**
- Transportation Toolboxes



OVERVIEW OF PREFERRED PLAN MEMO

Functional Classification System

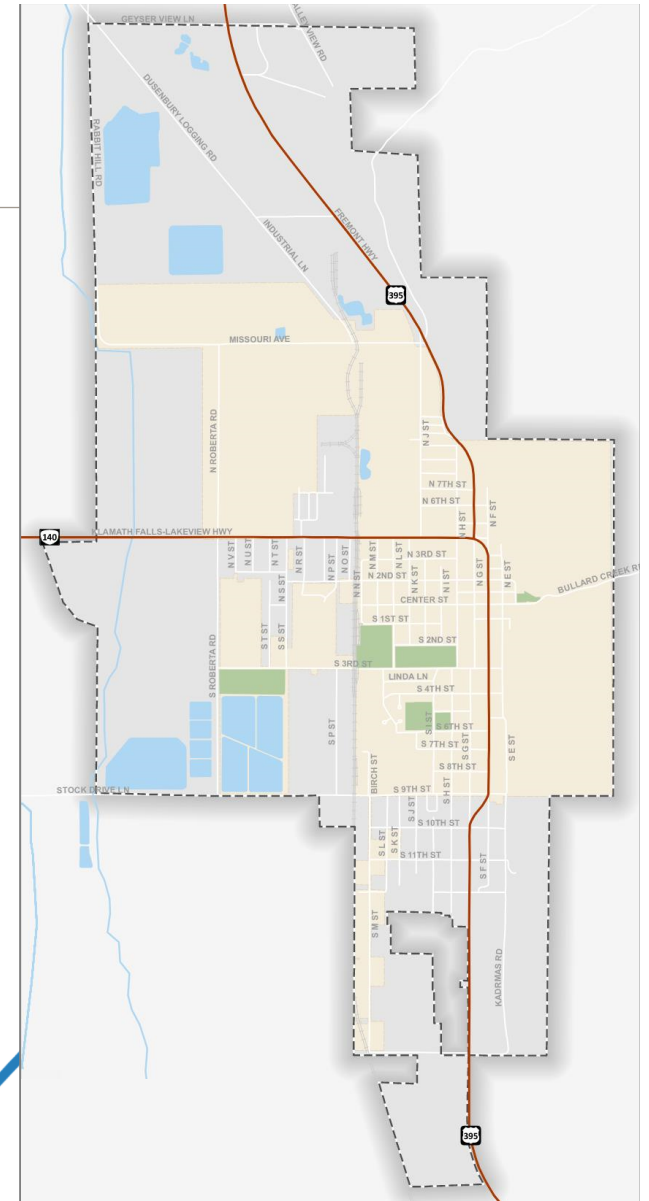
- Establishes street purpose and use
- Links to street design standards
- Designates 3 classifications



OVERVIEW OF PREFERRED PLAN MEMO

Freight System

- OR 140 and US 395 are designated freight routes
- No designated local freight routes
- Coordination between Town and ODOT and partner agencies will maintain and support freight

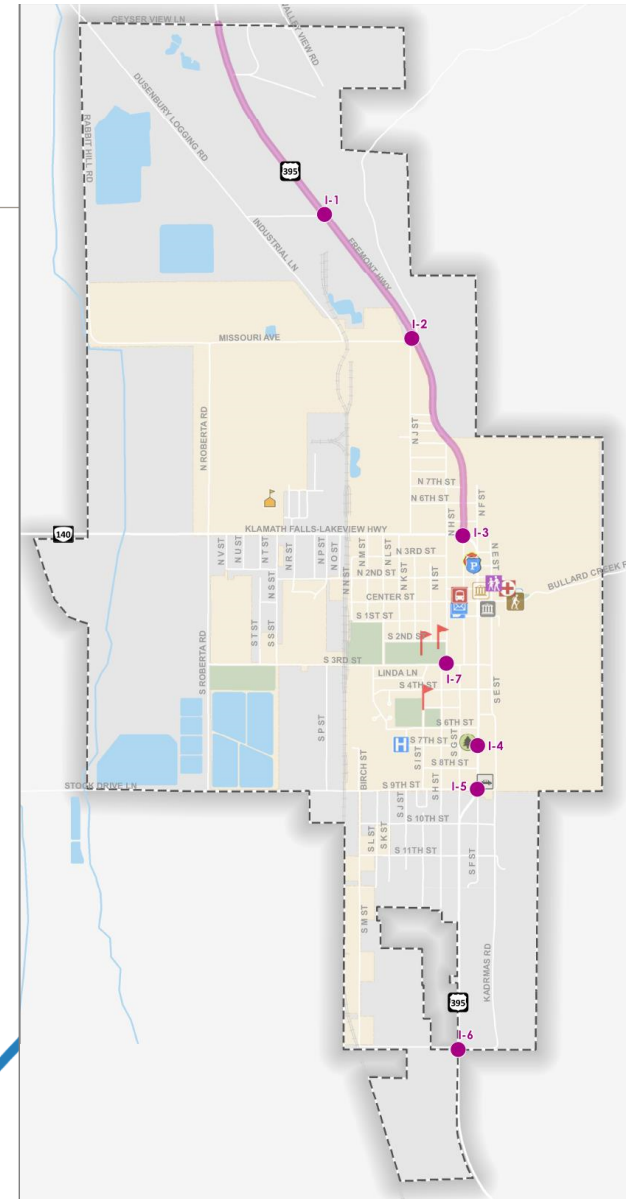


OVERVIEW OF PREFERRED PLAN MEMO

Intersection and Street Projects

Improve safety, comfort, and convenience for people driving, walking, rolling, and/or riding bikes

- Geometric Changes (I-1, I-2, I-3, & I-7)
- Emergency Access Monitoring (I-4 & I-5)
- Employment Growth Monitoring (I-6)
- Corridor Safety & Multimodal Facility Study (US 395 north of OR 140)



OVERVIEW OF PREFERRED PLAN MEMO

US 395/Industrial Lane (I-1)



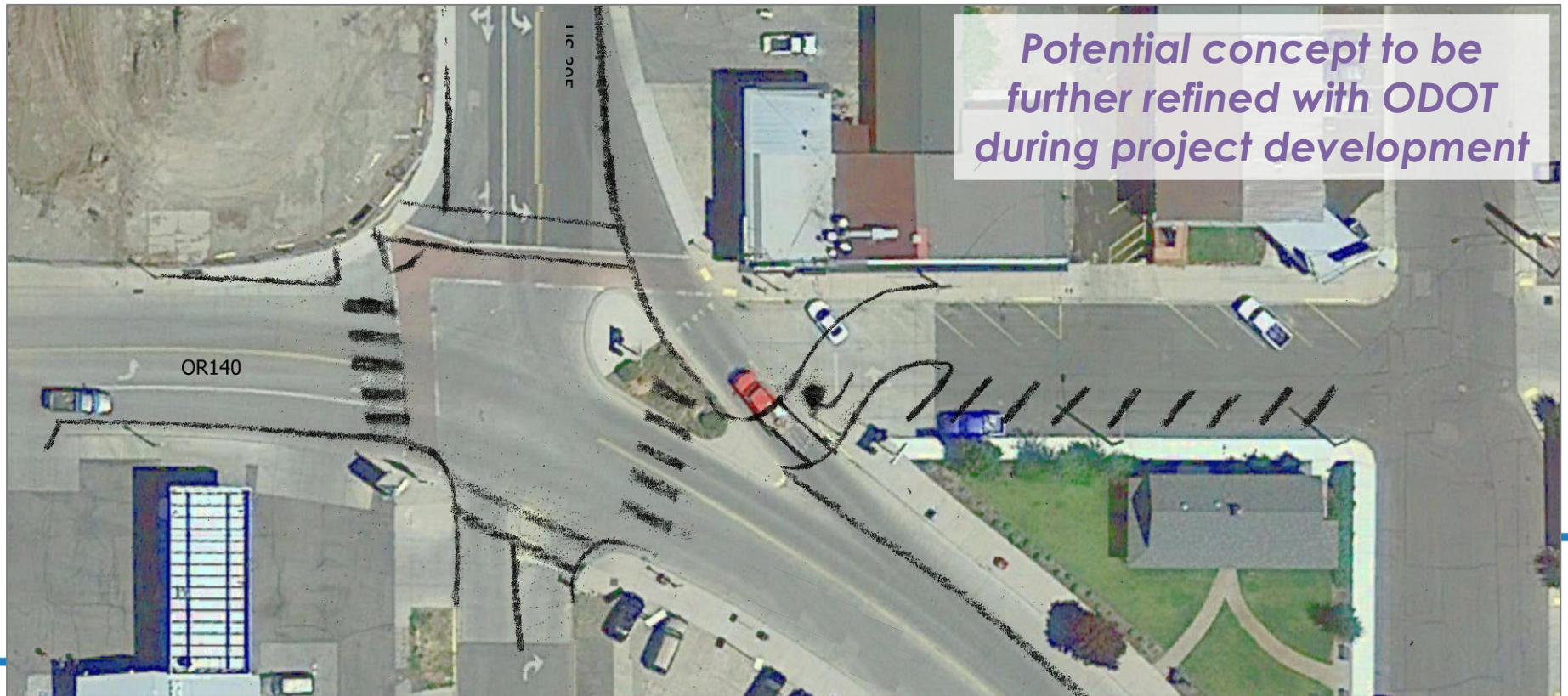
OVERVIEW OF PREFERRED PLAN MEMO

US 395/Missouri Avenue/J Street (I-2)



OVERVIEW OF PREFERRED PLAN MEMO

US 395/OR 140 (I-3)



OVERVIEW OF PREFERRED PLAN MEMO

S H Street/S 3rd Street (I-7)



OVERVIEW OF PREFERRED PLAN MEMO

School Circulation (New)

- Improve circulation between school buses, parent/guardian vehicles, and students walking/rolling/ biking
- Town will work with high school and elementary schools to develop circulation plans and routing options
- Plans could include:
 - Changes to parking signage/striping
 - Enhanced pedestrian crossings
 - Better defined spaces for school buses, vehicles, and students



OVERVIEW OF PREFERRED PLAN MEMO

Transportation Toolboxes

- Systemic Safety Toolbox
 - Roadway Segment Countermeasures
 - Pedestrian and Bicycle Countermeasures
 - Intersection Countermeasures
- Speed Management Toolbox



OVERVIEW OF PREFERRED PLAN MEMO

Systemic Safety Toolbox: Roadway Segments

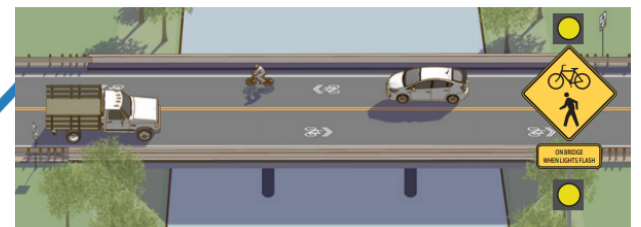
- Dynamic Speed Feedback Signs
- Removed/Relocated/Protected Fixed Objects
- Closed/Consolidated/Relocated Driveways



OVERVIEW OF PREFERRED PLAN MEMO

Systemic Safety Toolbox: Pedestrians and Bicyclists

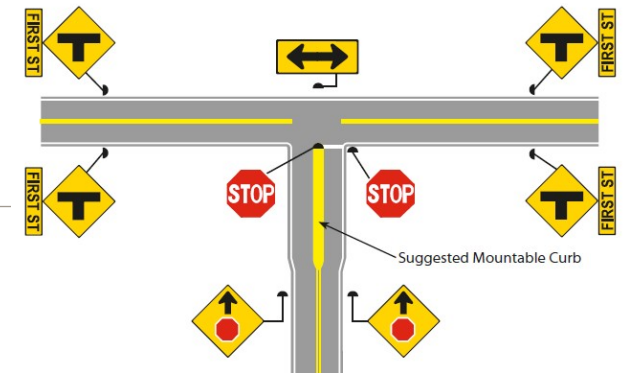
- Pedestrian Refuge Island
- Curb Extensions
- Rectangular Rapid Flashing Beacons (RRFB's)
- Pedestrian-Scale Lighting
- Bicycle Signage and Beacons at Pinch Points



OVERVIEW OF PREFERRED PLAN MEMO

Systemic Safety Toolbox: Intersections

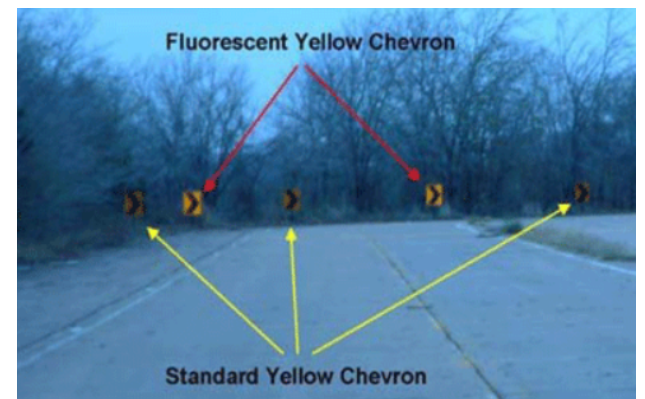
- Signing and Striping
- Raised Divider on Stop Approach (Splitter Island)
- “Stop Ahead” Pavement Markings
- Flashing Beacons at Stop-Controlled Intersections
- Intersection Lighting
- Roundabouts
- Increased Sight Distance
- Major Road Left-Turn Lanes at Stop-Controlled Intersections



OVERVIEW OF PREFERRED PLAN MEMO

Speed Management Toolbox

- Dynamic Speed Displays and Vehicle-Actuated Signs/ Speed Trailers
- Enhanced Signing
- Community Gateway Signage

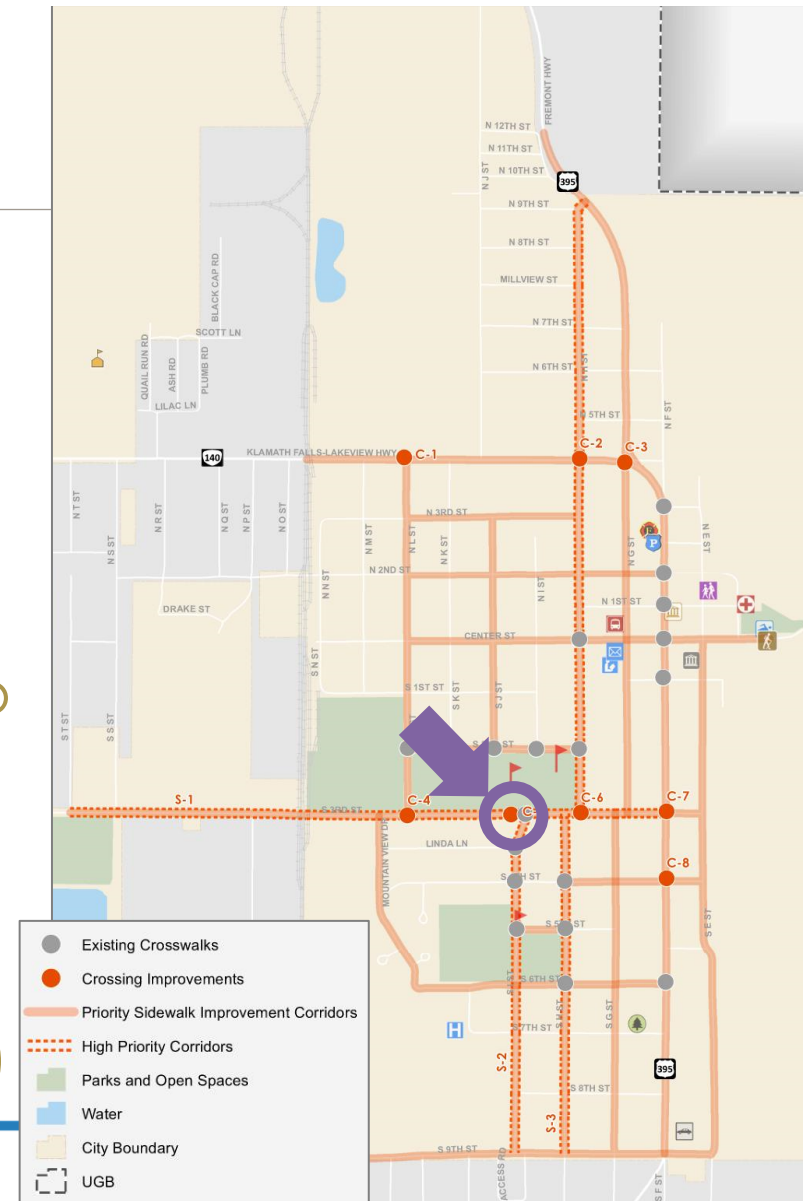


OVERVIEW OF PREFERRED PLAN MEMO

Pedestrian System Solutions

- High Priority Corridor Sidewalk Projects = \$7.2M
- Crossing Projects = \$600K+
- Some projects can be incorporated into a Safe Routes to School (SRTS) Plan

NEW: crossing project C-5 (crossing improvement at Lakeview High School entrance to be determined through study)

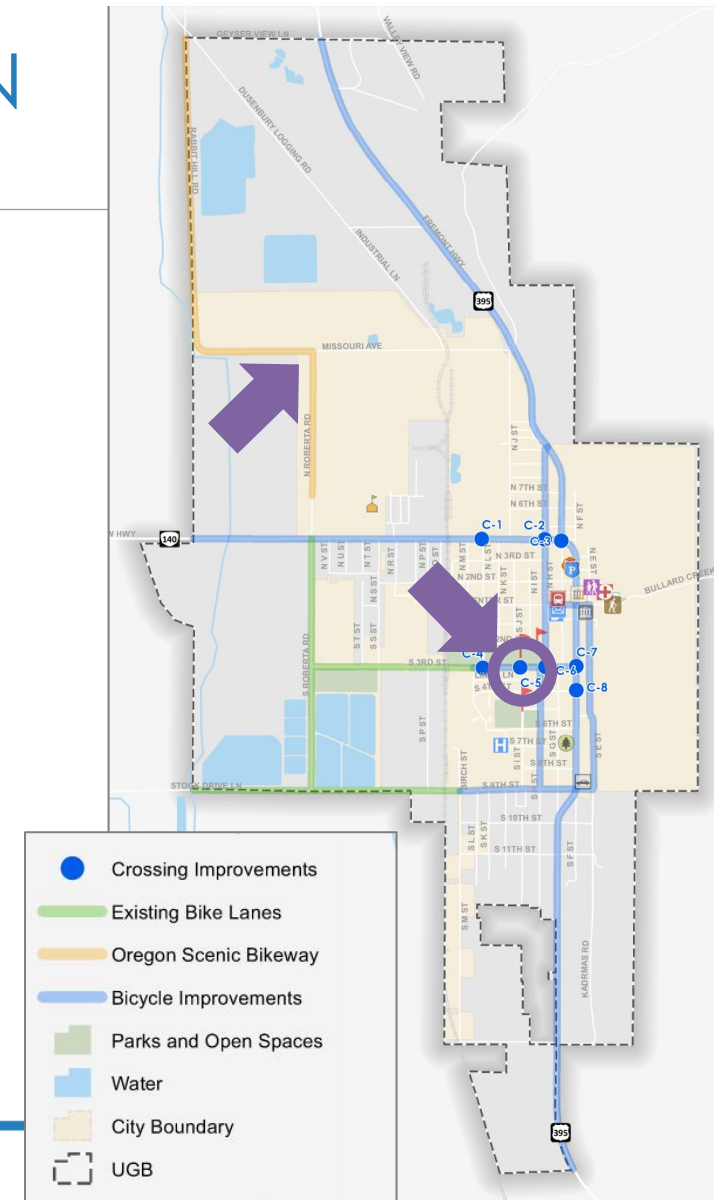


OVERVIEW OF PREFERRED PLAN MEMO

Bicycle System Solutions

- Designated bikeways along key Town streets
- Potential separated bikeways and/or bike lanes along state highways
- Some projects can be incorporated into a SRTS Plan

NEW: crossing project C-5 and inclusion of Oregon Scenic Bikeway in bicycle network



OVERVIEW OF PREFERRED PLAN MEMO

Emerging Technology Solutions

- Electric bicycle and scooters evaluation study
- Electric vehicle charging station feasibility study
- Curbside management strategies
- Intelligent transportation systems



OVERVIEW OF PREFERRED PLAN MEMO

Transit System Solutions

- Continued existing local service
- Improved Lakeview service
- Weekend service
- Improved coordination
- Education and awareness of public transportation options
- Increase regional connections



OVERVIEW OF PREFERRED PLAN MEMO

Transportation Funding

- Transportation Revenue
- Summary of Project Costs
- Potential Funding Sources



OVERVIEW OF PREFERRED PLAN MEMO

Transportation Revenue

- Town historically operates with a budget of about \$170-\$190,000 annual
 - Covers Personnel Services and Materials & Services
 - Past grant funding has supported local street repaving
- Resources and expenses have been equivalent
 - Have not included discretionary capital improvement projects
- Town goal: maintain current funding and identify new sources to expand transportation system



OVERVIEW OF PREFERRED PLAN MEMO

Summary of Project Costs

Facility Type	Total Cost (\$2021)
Intersections	\$1,300,000
Streets	\$150,000
Sidewalks	\$7,200,000
Crossings	\$600,000
Total	\$9,250,000



OVERVIEW OF PREFERRED PLAN MEMO

Potential Funding Sources

Local Funding Mechanisms (details in Table 10)

- Street Utility Fees/Road Maintenance Fees
- Transportation System Development Charges (SDC)
- Stormwater SDCs, Grants, and Loans
- Local Fuel Tax
- Incentives
- Public/Private Partnerships
- Tax Increment Financing (TIF)
- Street District
- Revenue and General Obligations Bonds
- Economic Improvement Districts (EIDs)
- Local Improvement Districts (LIDs)
- Street Fund Serial Levy
- Vehicle Registration Fee



OVERVIEW OF PREFERRED PLAN MEMO

Potential Funding Sources

State and Federal Grants (details in Table 11)

- Statewide Transportation Improvement Program (STIP)
- Transportation and Growth Management (TGM) Grants
- All Roads Transportation Safety Program (ARTS)
- Immediate Opportunity Fund (IOF)
- Connect Oregon
- Oregon Parks and Recreation Local Government Grants
- Oregon Transportation Infrastructure Bank (OTIB)
- State Highway Fuel Tax Increase or User Fee
- Multi-Modal Active Transportation Fund
- Safe Routes to School (SRTS)
- Community Paths Program
- Small City Allotment Funds



FEEDBACK FROM
ADVISORY
COMMITTEE



NEXT STEPS



NEXT STEPS

- **Obtain feedback** on preferred plan from Advisory Committee by *May 21st*
- **Implement feedback** that is received
- **Develop Draft Transportation System Plan Update** and present to Advisory Committee in Summer 2021

