

An aerial photograph of Moorhead, Minnesota, showing a mix of residential houses, commercial buildings, and green spaces. A central road runs vertically through the middle of the frame. The image is partially obscured by a blue banner at the bottom.

Public Input Meeting #2 12th Avenue South Corridor Study Moorhead, MN

March 19, 2019



Introductions – Presenters



Matt Kinsella
Project Manager



Brent Muscha
Design Engineer



Kate Miner
Traffic Analysis

Hanson Design Associates

Jim Hanson
Streetscaping/Landscaping



Introductions – Other Team Members



Kristie Leshovsky
Tom Trowbridge
Jonathan Atkins
Steve Moore

CONCORDIA
COLLEGE

Roger Olson



Adam Altenburg



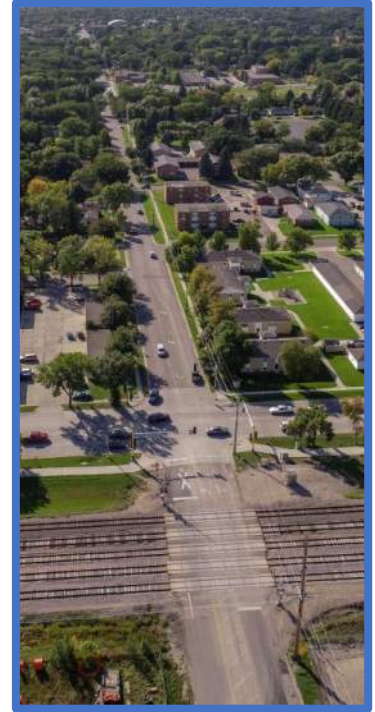
Lori Van Beek

Getting Started

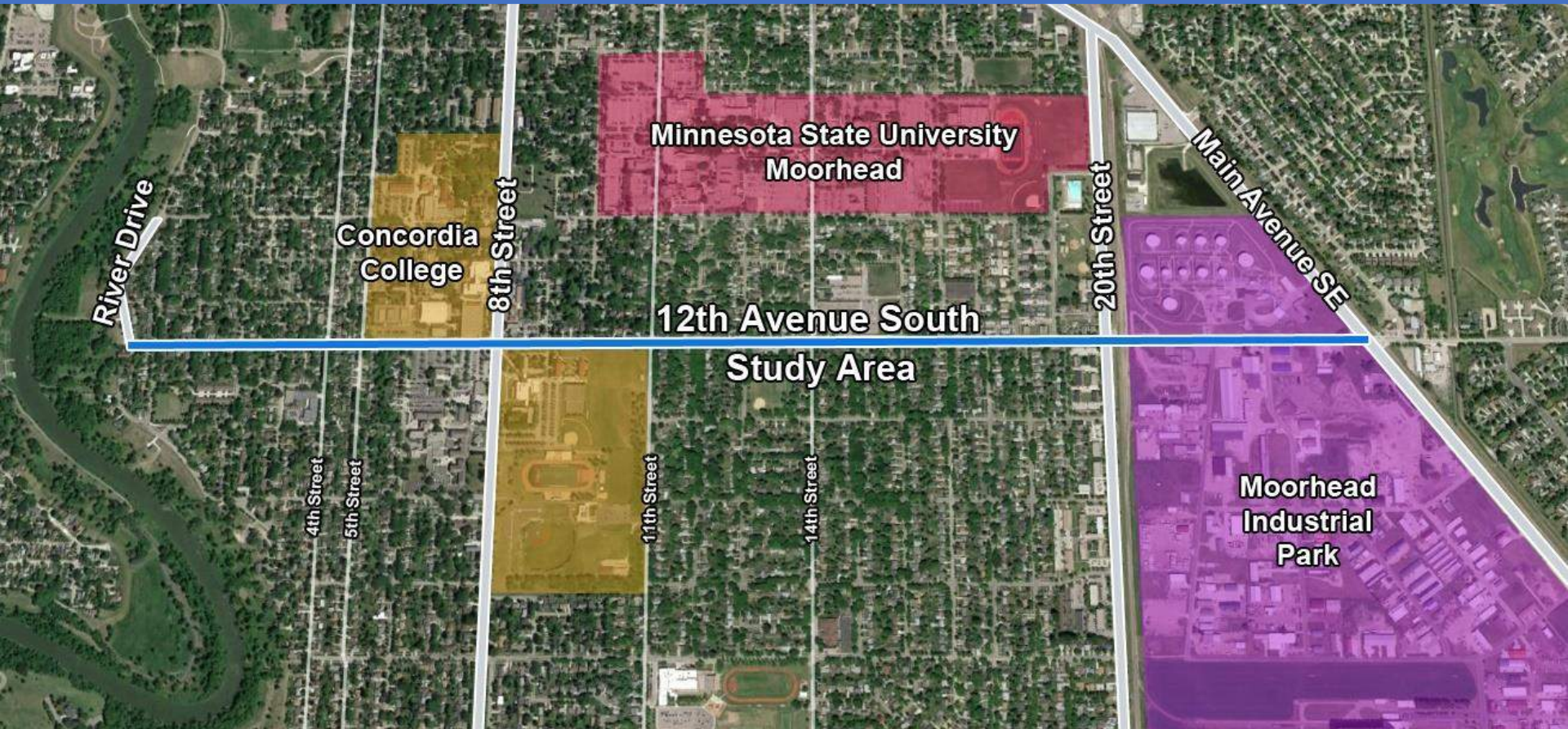
- Please Sign In
- Study Handout
- Comment Card
- Title VI Public Participation Survey (Optional)
- Tonight's Goal – To Get Your Feedback

Tonight's Agenda

- Study Overview
- Study Issues and Needs
- Proposed Alternatives
- Study Schedule and Next Steps



Study Overview



Why is this Study Needed?

- Vital East-West Corridor in the Area Network
- Evaluate Current and Future Needs
- Upcoming 2020 Construction Project
- Inform Short-Term and Long-Range Planning



Concurrent Study – US 10/75 Corridor

- Overlap at 8th Street Intersection
- Coordination Between Study Teams
- Traffic Projections
 - Our Study = 2040 Projections
 - US 10/75 = 2045 Projections
- Preliminary Analysis Shows Proposed Improvements are Supported by Both Studies



Existing Traffic Conditions

- High Level Capacity Analysis
 - 2-lane roadway capacity = 10,000 vehicles/day
 - 3-lane roadway capacity = 18,000 vehicles/day
- 12th Avenue South currently carries between 3,100 and 7,000 vehicles/day



Existing Traffic Conditions

■ Operational Analysis Results

- Level Of Service
 - ✦ All intersections operating at LOS D or higher
 - EB Left turn movement at 8th Street
- Queuing – no issues
- Crashes – no issues



Level of Service (LOS)	Average Delay (seconds/vehicle)	
	Signalized Intersection	Unsignalized Intersection
A	≤ 10	≤ 10
B	> 10 and ≤ 20	> 10 and ≤ 15
C	> 20 and ≤ 35	> 15 and ≤ 25
D	> 35 and ≤ 55	> 25 and ≤ 35
E	> 55 and ≤ 80	> 35 and ≤ 50
F	> 80	> 50

Future 2040 NO BUILD Traffic Conditions

■ Traffic Projections

- Fargo-Moorhead 2040 Long Range Transportation Plan

■ High-Level Capacity Analysis

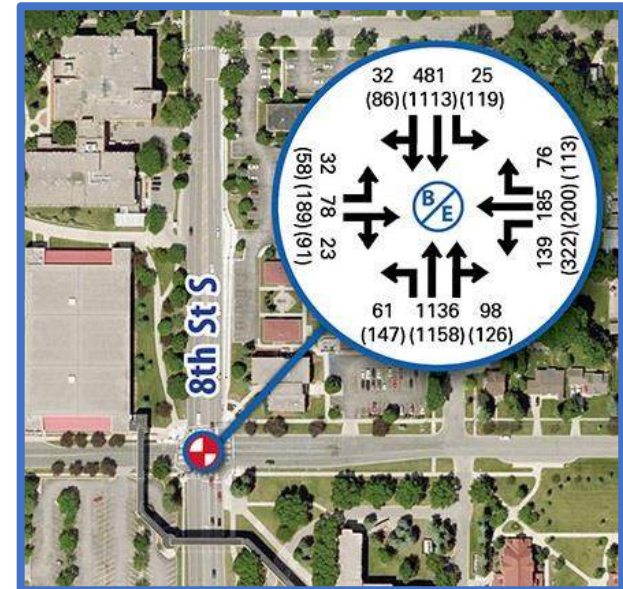
- 9,700 vehicles/day highest future (*8th St to 11th St*)



Future 2040 NO BUILD Traffic Conditions

■ 2040 Operational Analysis Results

- Level Of Service
 - 8th Street = LOS D
 - Failing movements – EB
- Queuing
 - 8th Street – issues get worse for EB movements

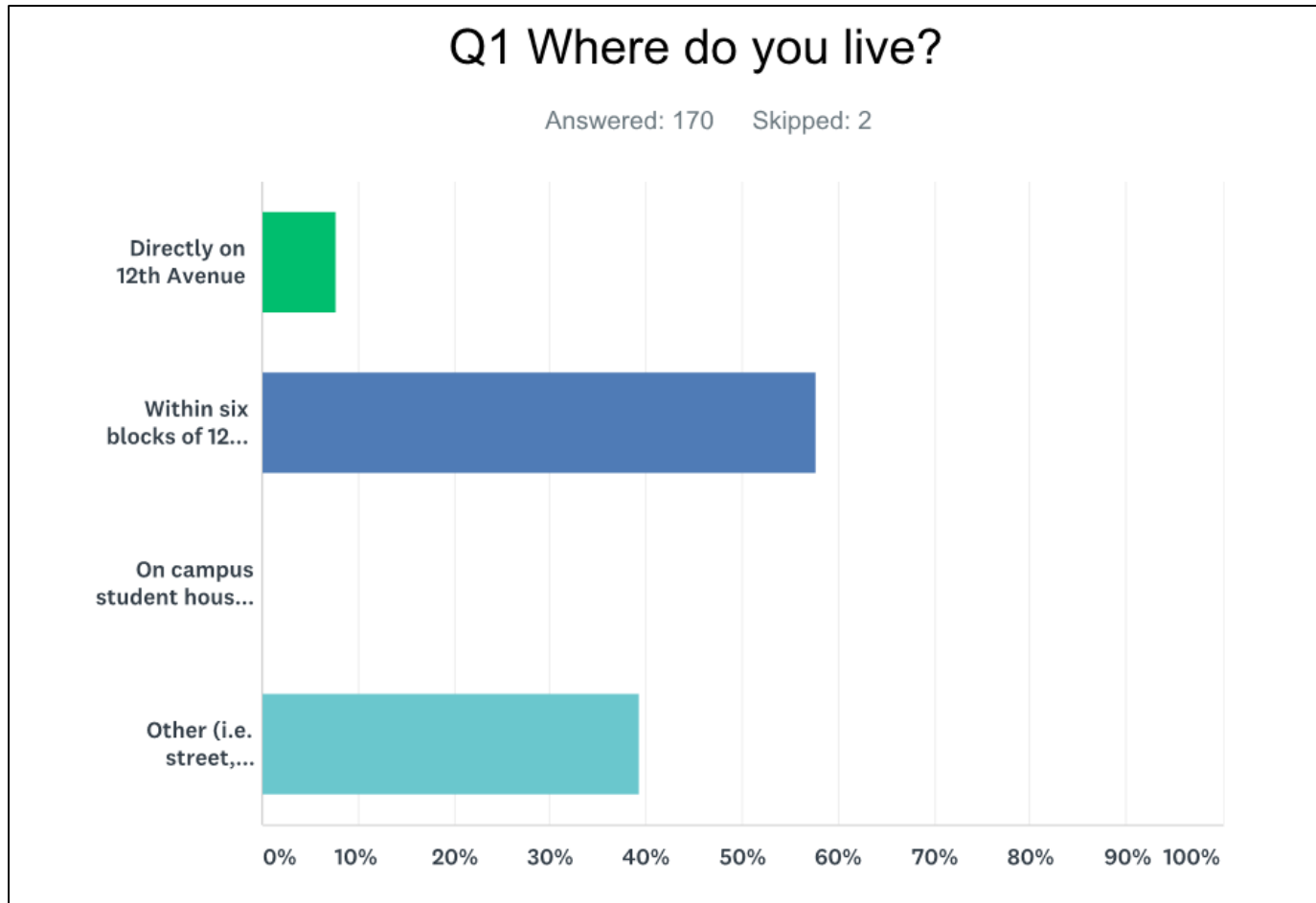


Previous Public Input Opportunities

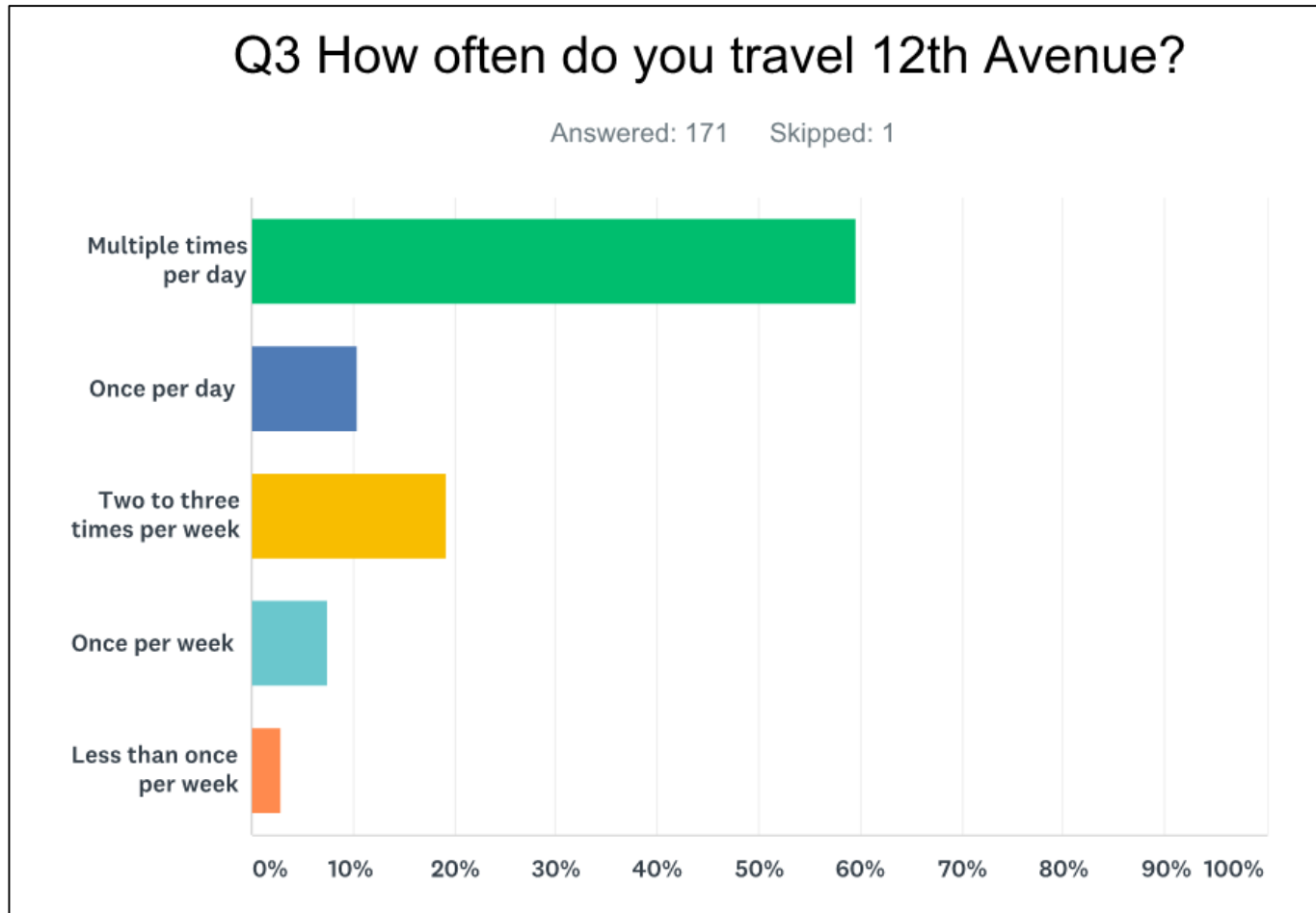
- Online survey available from July 3 – October 15, 2018
 - 172 survey responses were received
- Public Input Meeting #1 – held on September 20, 2018
 - 25 attendees signed in



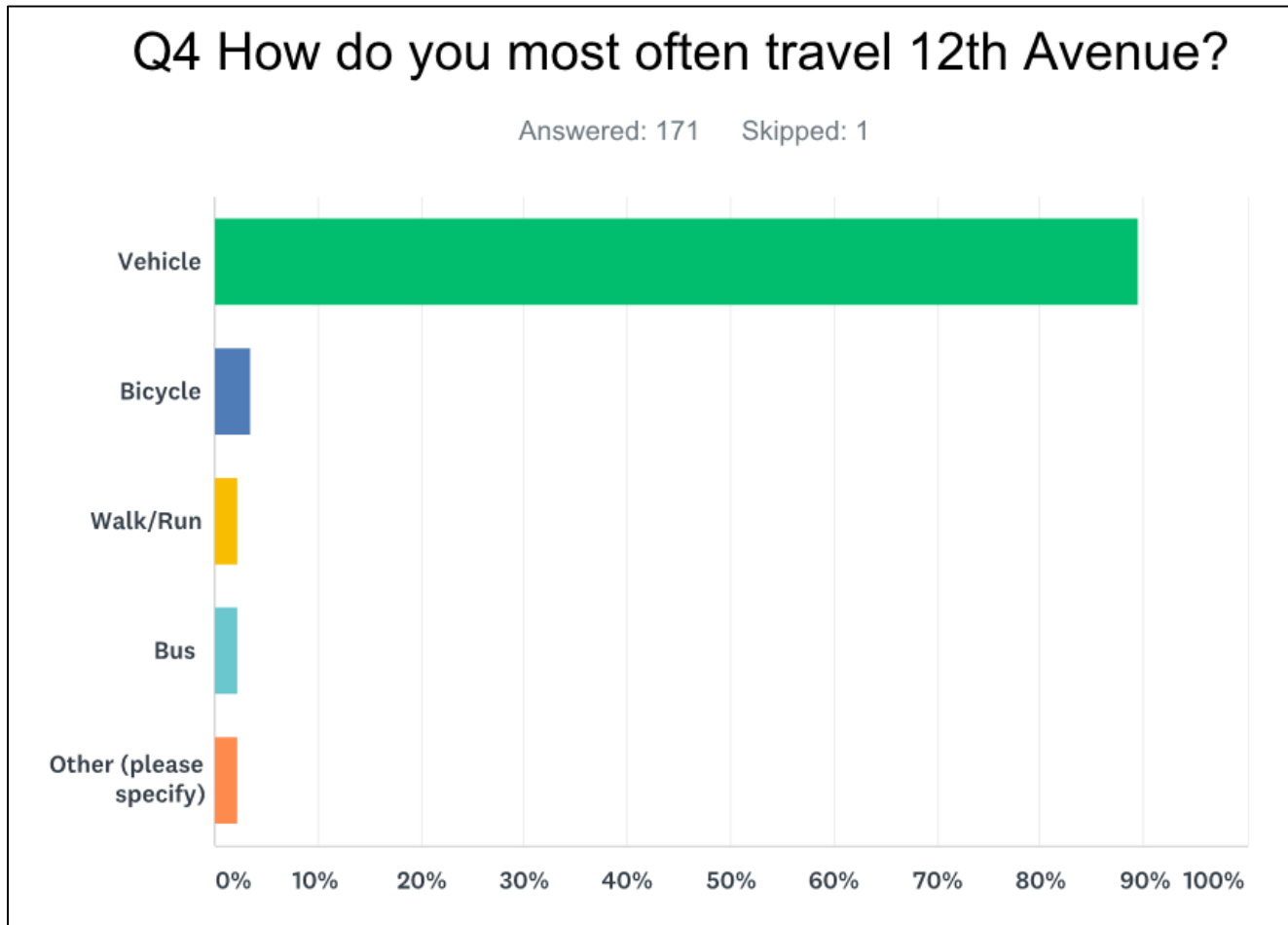
What We Heard From You



What We Heard From You



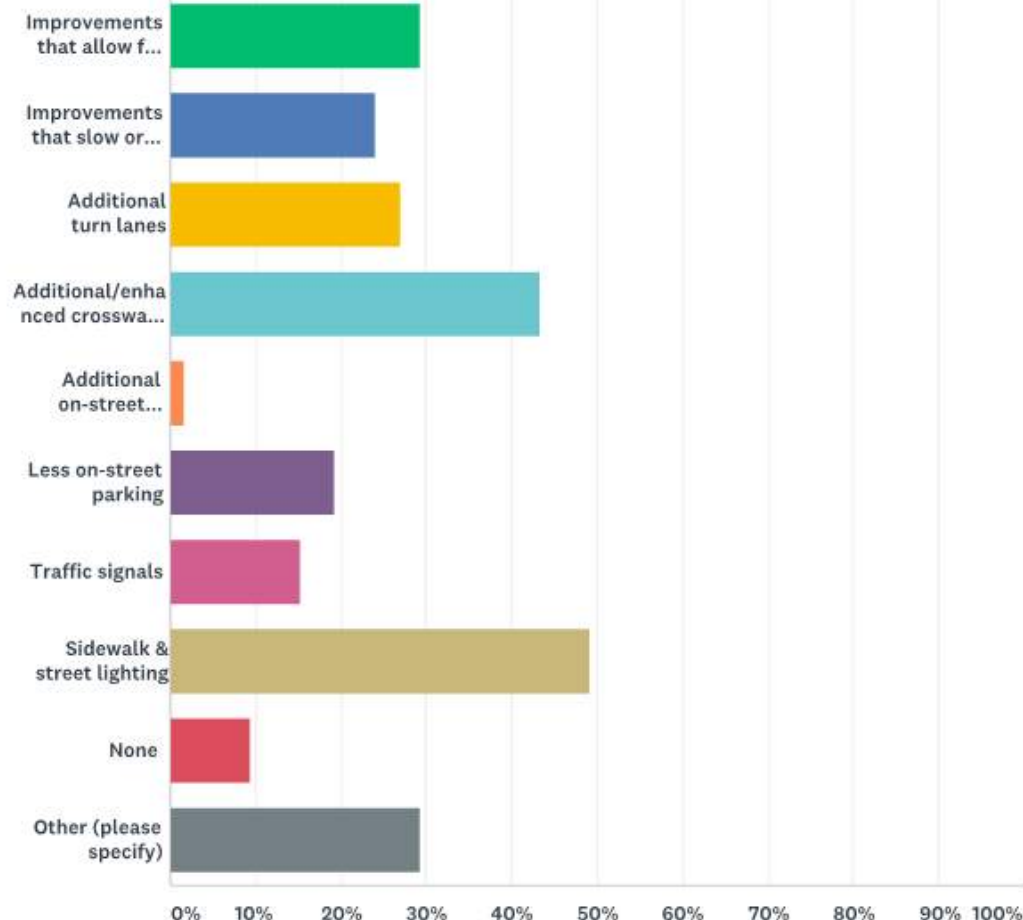
What We Heard From You



What We Heard From You

Q6 What roadway or safety improvements do you feel are needed along 12th Avenue? (select all that apply)

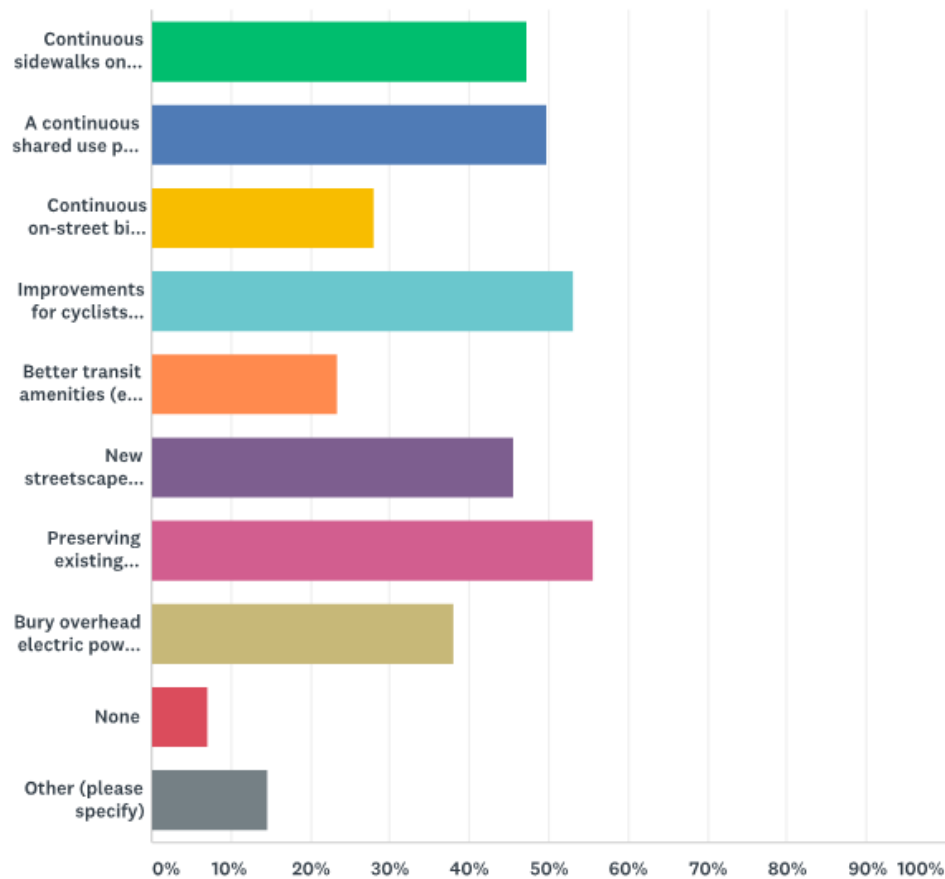
Answered: 171 Skipped: 1



What We Heard From You

Q7 What multi-modal (bicycle/pedestrian/transit) or aesthetic improvements do you feel would enhance 12th Avenue? (select all that apply)

Answered: 171 Skipped: 1



What We Heard From You

Top Commented Categories:

- Pavement Condition
- Pedestrian and Bicycle Connectivity and Safety
- Railroad Crossing Improvement
- Transit Facilities
- Trees and Streetscaping

Issues and Needs



Issues and Needs

Considerations

- Public Input
 - Meeting
 - Survey
- Stakeholder Input
- Traffic



Issues and Needs

Traffic Operations and Geometric Improvements

- No Additional Capacity (Widening) Required
- Delay for Eastbound Traffic at 8th Street
- 12th Avenue Horizontal Offset at 11th Street Intersection
- Steep Vertical Grade at BNSF Railroad east of 20th Street



Issues and Needs

Pedestrian and Bicycle Connectivity

- Making Connections
 - Sidewalks & Bike Paths
 - Access to the Red River
- Update to Current Standards
- Improve BNSF Crossing



Issues and Needs

Transit Improvements

- 19 ½ Street
 - Most Heavily Used
 - Private Property Constraints
- 25th Street (A Place for Hope)
 - Limited Access
 - Riders Loading from Driveway



Issues and Needs

Parking and Access Management

- Reduce Access Conflicts
- On-Street Parking
- Pull-Out Parking/Loading Areas



Issues and Needs

Streetscaping and Trees

- Concordia-Area Enhancements
- Industrial-Area Enhancements
- Preservation of Existing Trees



Streetscape Ideas

Possible Aesthetic Enhancements

- Street artwork/stamping
- Sidewalk art
- Utility box art
- MATBUS shelters/bench art



Issues and Needs

Alternative Development & Evaluation

- Three Segments
 - River Drive to 8th Street
 - 8th Street to 20th Street
 - 20th Street to Main Avenue
- Meet a Need
- Address an Issue
- Feasibility and Cost



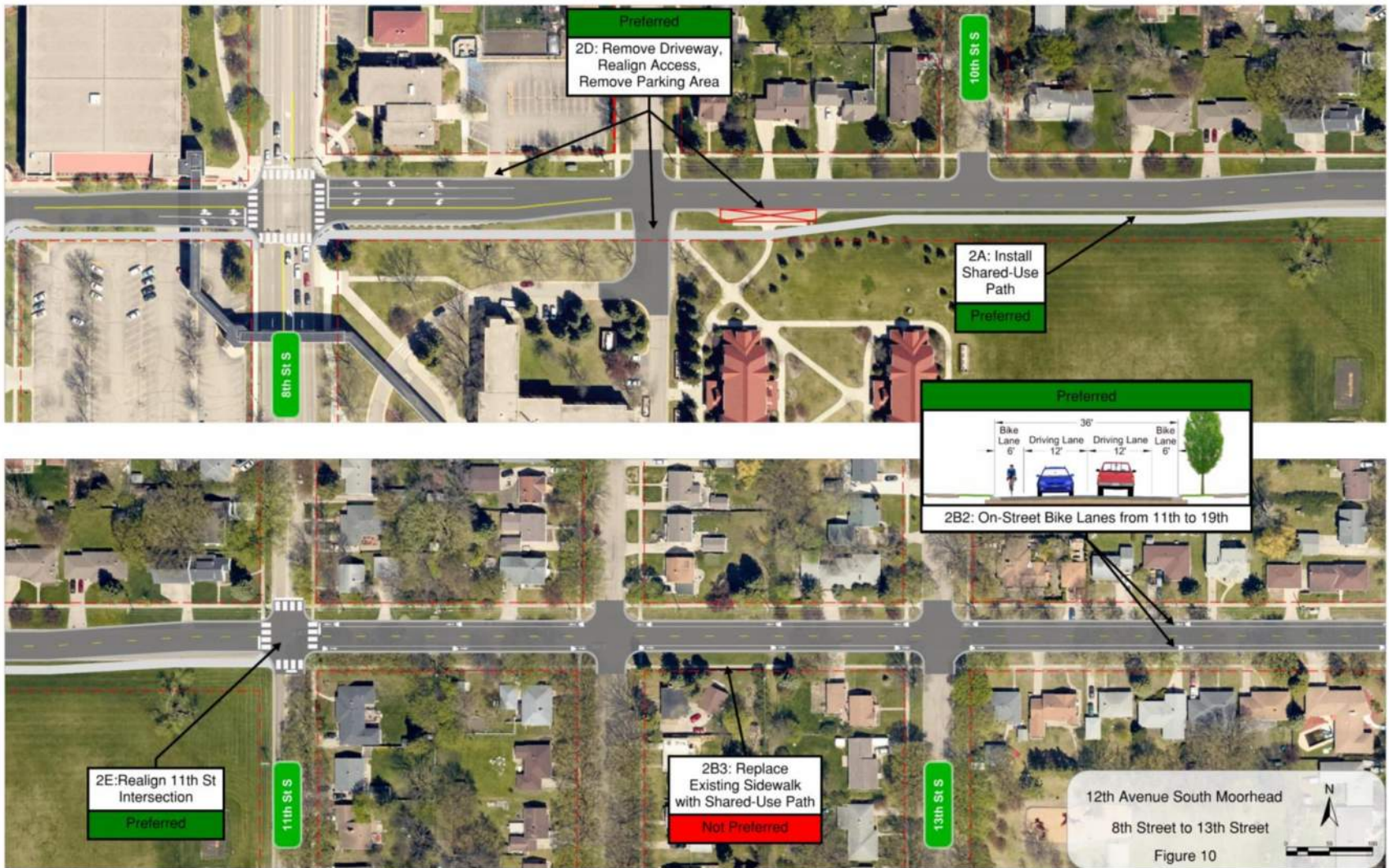
River Dr to 8th Street Alternatives



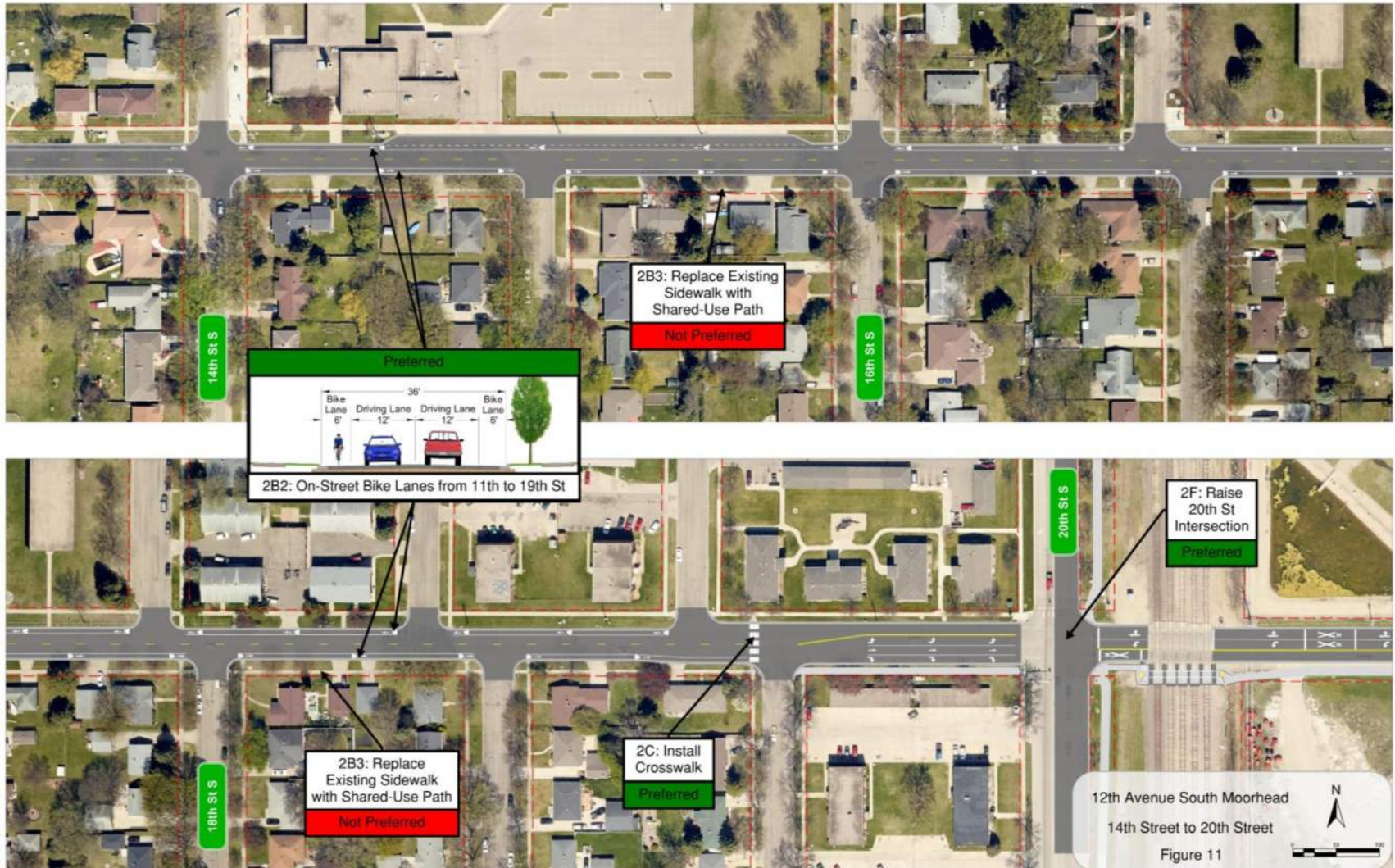
8th Street Lane Configuration



8th Street to 20th Street Alternatives



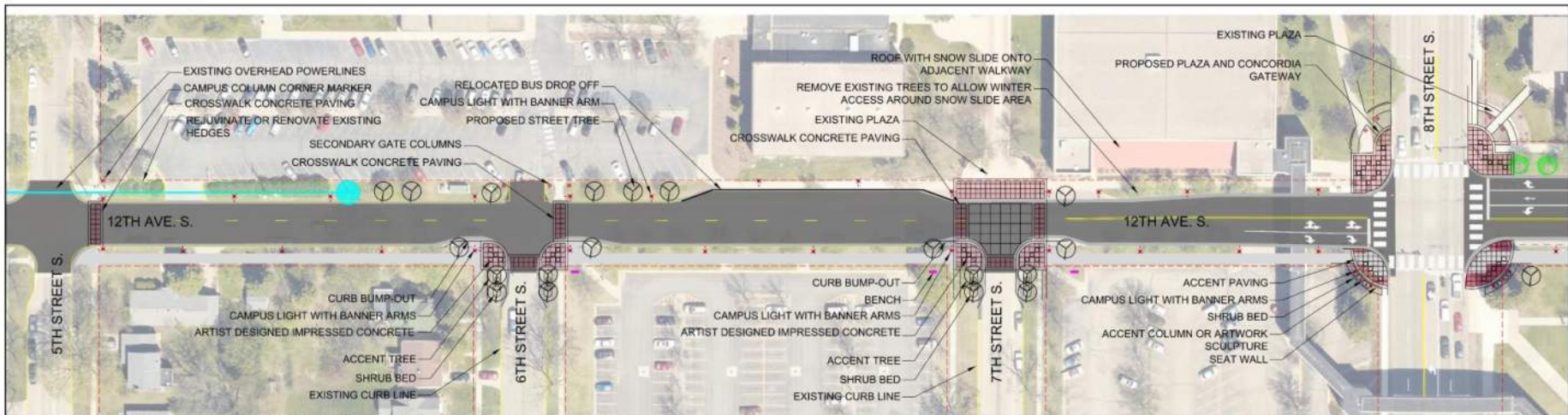
8th Street to 20th Street Alternatives



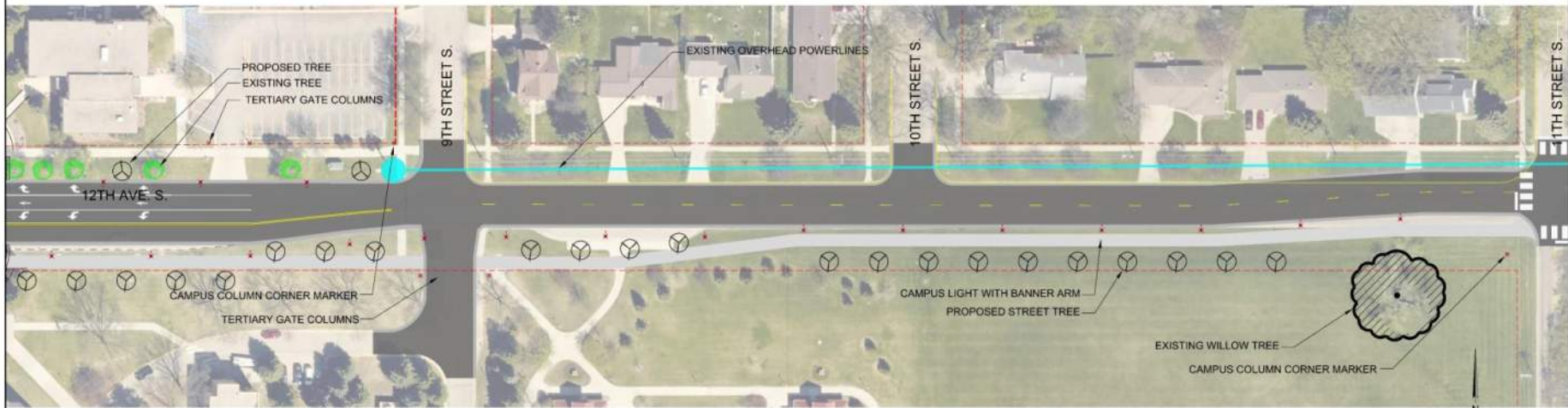
20th Street to Main Ave Alternatives



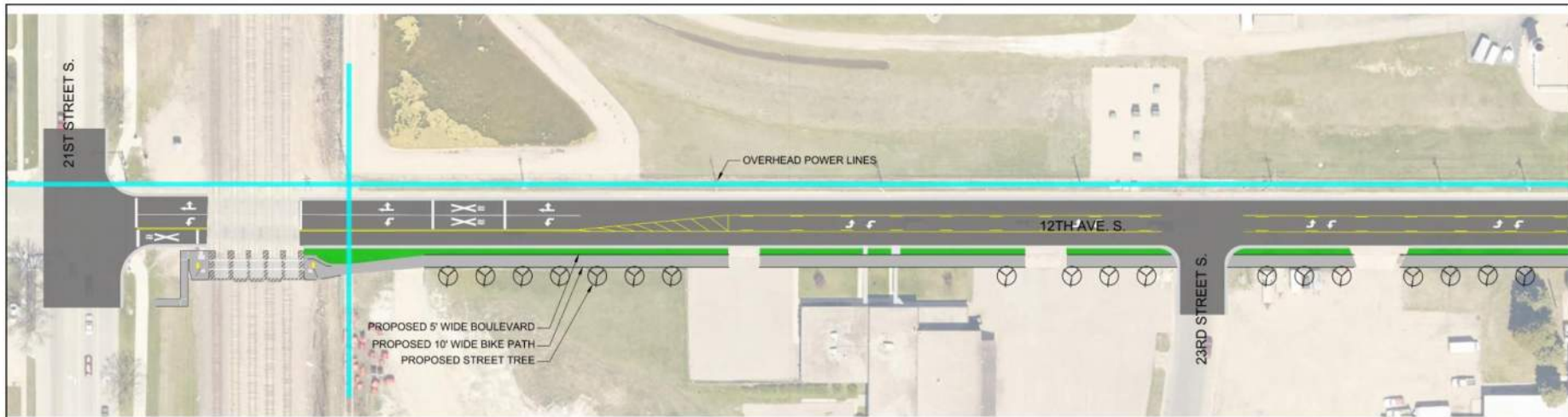
Concordia-Area Streetscaping



CONCEPT #1- CONCORDIA COLLEGE FRONTAGE- 5th Street S. to 8th Street S.



Industrial-Area Streetscaping



CONCEPT #1- INDUSTRIAL AREA- 20th Street S. to 23rd Street S.

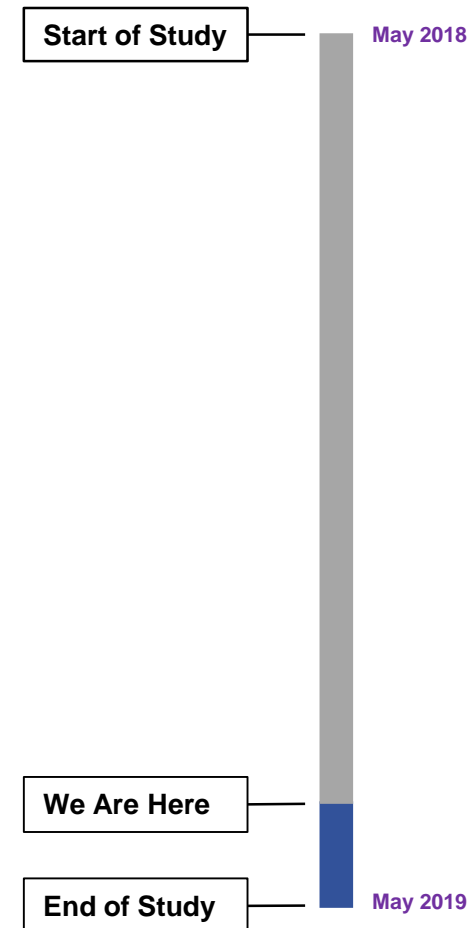


Multiple Ways to Provide Input

- Talk to team members tonight
- New online survey link available starting tonight
 - Provide your feedback on the alternatives presented
- Complete comment forms – leave here or mail in
- Email your comments:
 - Contact info is provided on forms and handout

Study Schedule and Next Steps

- May 2018: Study Kickoff
- July - October 2018: 1st Online Survey Available
- September 2018: Public Input Meeting #1
- March 2019: Public Input Meeting #2
- April 2019: 2nd Online Survey Available
- April 2019: Draft Study Report
- May 2019: Board and Council Approvals
- May 2019: Final Study Report



Spring - Summer 2020: Construction

Thank You for Attending!

- Questions and Comments

