Monroe Street Reconstruction

Kickoff Meeting

June 13, 2016

UrbanAssets

Thanks to:

Wingra School

Trader Joe's

MONROE STREET
MERCHANTS ASSOCIATION

Dudgeon-Monroe Neighborhood Association

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Introductions

Project Team: City Staff

- Christy Bachmann, P.E., Principal Engineer
- Jim Wolfe, Project Engineer
- Phil Gaebler, Water Resources Specialist
- Yang Tao, Ph.D., P.E., Assistant City Traffic Engineer
- Rebecca Cnare, PLA, Urban Design Planner
- Ruth Rohlich, Business Development Specialist
- Benjamin Zellers, Transportation Planner
- Tim Sobota, Transit Planner

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Project Team: Urban Assets

- Zia Brucaya, AICP, Associate Planner
- Melissa Huggins, AICP, Principal Planner
- Quinn Heneghan, Project Coordinator
- Katie Fadelli, Planning Assistant

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Table Introductions

- Your name
- The street you live on
- What brought you here this evening
- Something you're most excited about doing this summer

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Tonight's Agenda

1. Project Timeline & Context
2. Table Conversation #1
   - Definitions of Success
3. City Engineering Presentation
   - Existing Conditions, Plans & Opportunities
4. Table Conversation #2
   - Likes, concerns, need to know more
5. Issues & Opportunities Mapping

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Public Engagement Process & Timeline

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Organizing Topics

1. Pedestrian Safety and Access
2. Green Infrastructure
3. Bicycle Safety and Access
4. Transit Safety and Access
5. Business Enhancement

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The Engagement Resource Team (ERT)

Members

1. Alder Eskrich
2. Dudgeon-Monroe Neighborhood Association
3. Monroe Street Merchants Association
4. Friends of Lake Wingra
5. Madison Bikes
6. Wingra School
7. Edgewood College
8. University of Wisconsin
9. Vilas Neighborhood Association (TBD)

Role

- Help to implement a broadly inclusive engagement process over the next 16-18 months.
- Provide input on appropriate engagement strategies and opportunities.
- Share project information and encourage community involvement.

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Public Engagement Process & Timeline

2016

June 13th
Kickoff!
Visioning & Mapping

Summer
Refine Vision, Goals, Issues, Opportunities

Summer
Collect Data

September
Cross Section Modeling Workshop

October
Cross Section Open House

November
Resolution to Establish Cross Section

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Public Engagement Process & Timeline

2017

Spring

Streetscape & Green Infrastructure Workshop

Summer

Placemaking Nodes Workshop

Early Fall

Wrap Celebration and Open House

We hope you will join us!

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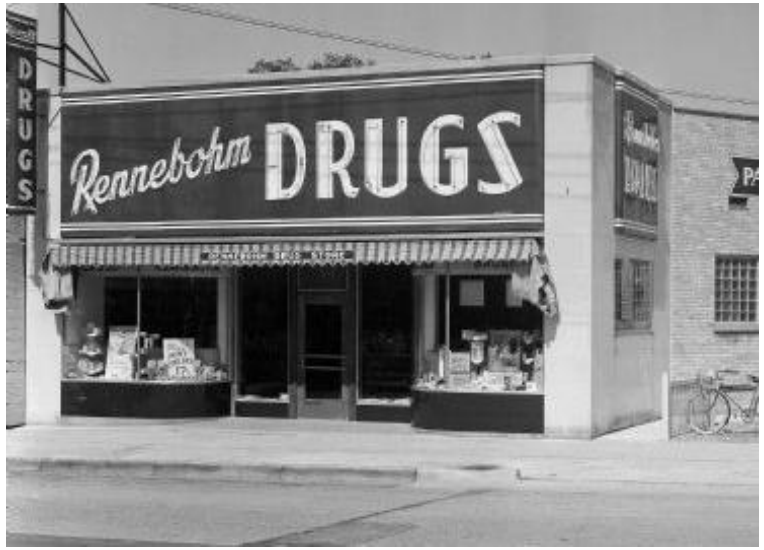
Project Context

Monroe Street History



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Monroe Street History

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Monroe Street today

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Monroe Street today

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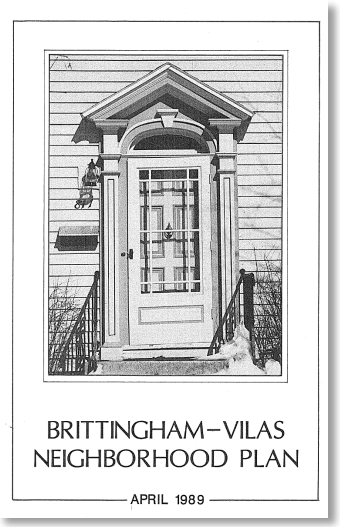
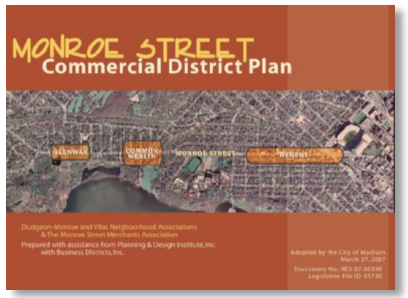
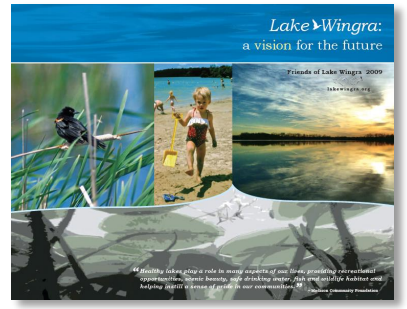
Planning Efforts

- Brittingham-Vilas Neighborhood Plan (1989)
- Monroe Street Commercial District Plan (2007)
- Wingra Watershed Plan (pending)







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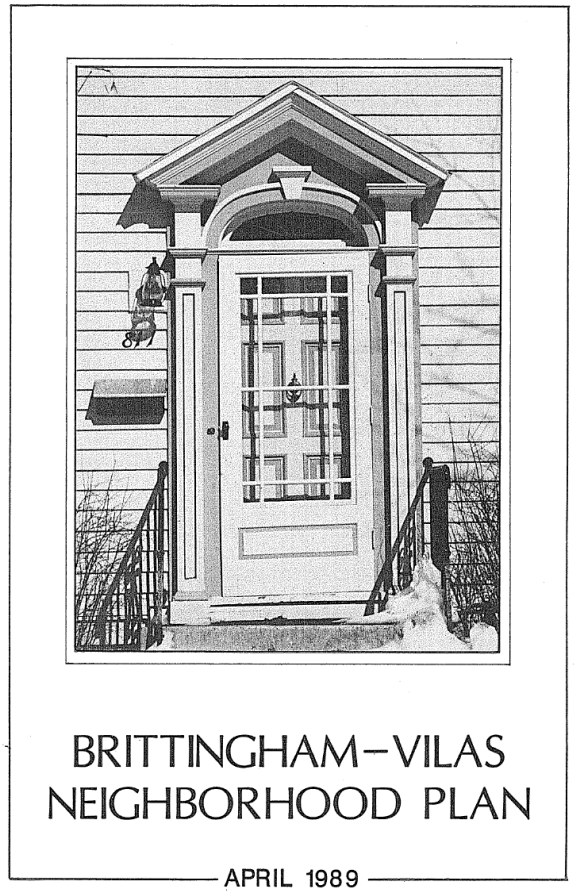
Planning Efforts:

1989 Brittingham-Vilas Neighborhood Plan

- Goal #5
  - Encourage the beautification & revitalization of Park, Regent and Monroe St. Commercial Districts.
- Goal #7
  - Provide barrier-free access to public places for all people, including those with disabilities.
- Transportation recommendations:
  - Increase speed limit enforcement
  - Improve synchronization of traffic lights for pedestrian safety
  - Study traffic impacts of new development



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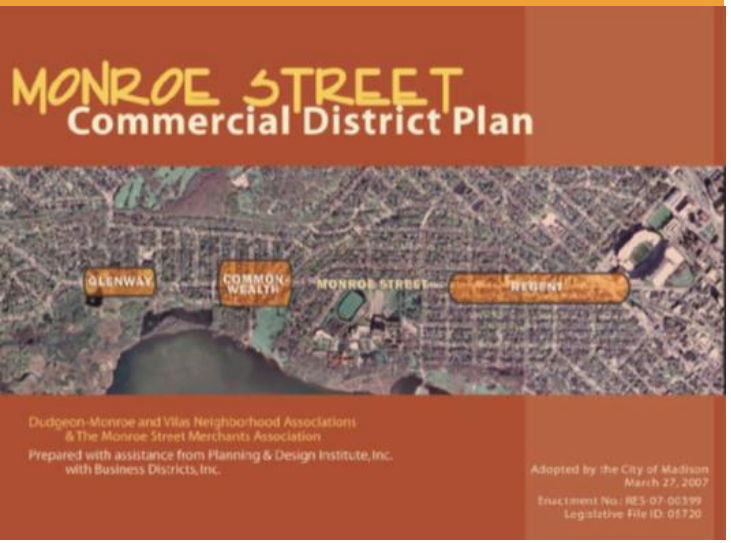
Planning Efforts: 2007 Monroe Street Commercial District Plan



- Recommendations (Pages 45-47)
  - Pedestrian-scale lighting, street furniture, banners, undergrounding wires
  - Intersection enhancements at key pedestrian crossings
  - Consistent speed limit (25 mph)
  - Explore shared parking and well-publicized/specifically designated areas on side streets
  - Increase bicycle parking
  - Encourage bus use

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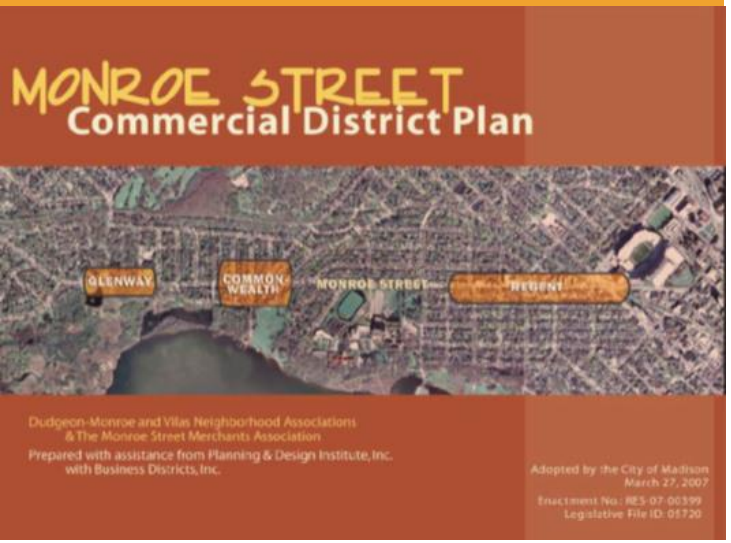
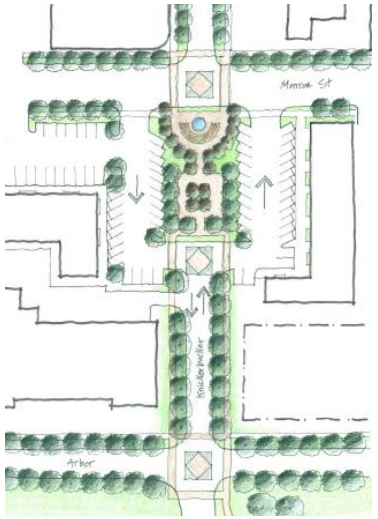
Planning Efforts: 2007 Monroe Street Commercial District Plan



- Placemaking concepts at nodes:
  - Breese Terrace / Regent Street
  - Knickerbocker
  - Commonwealth



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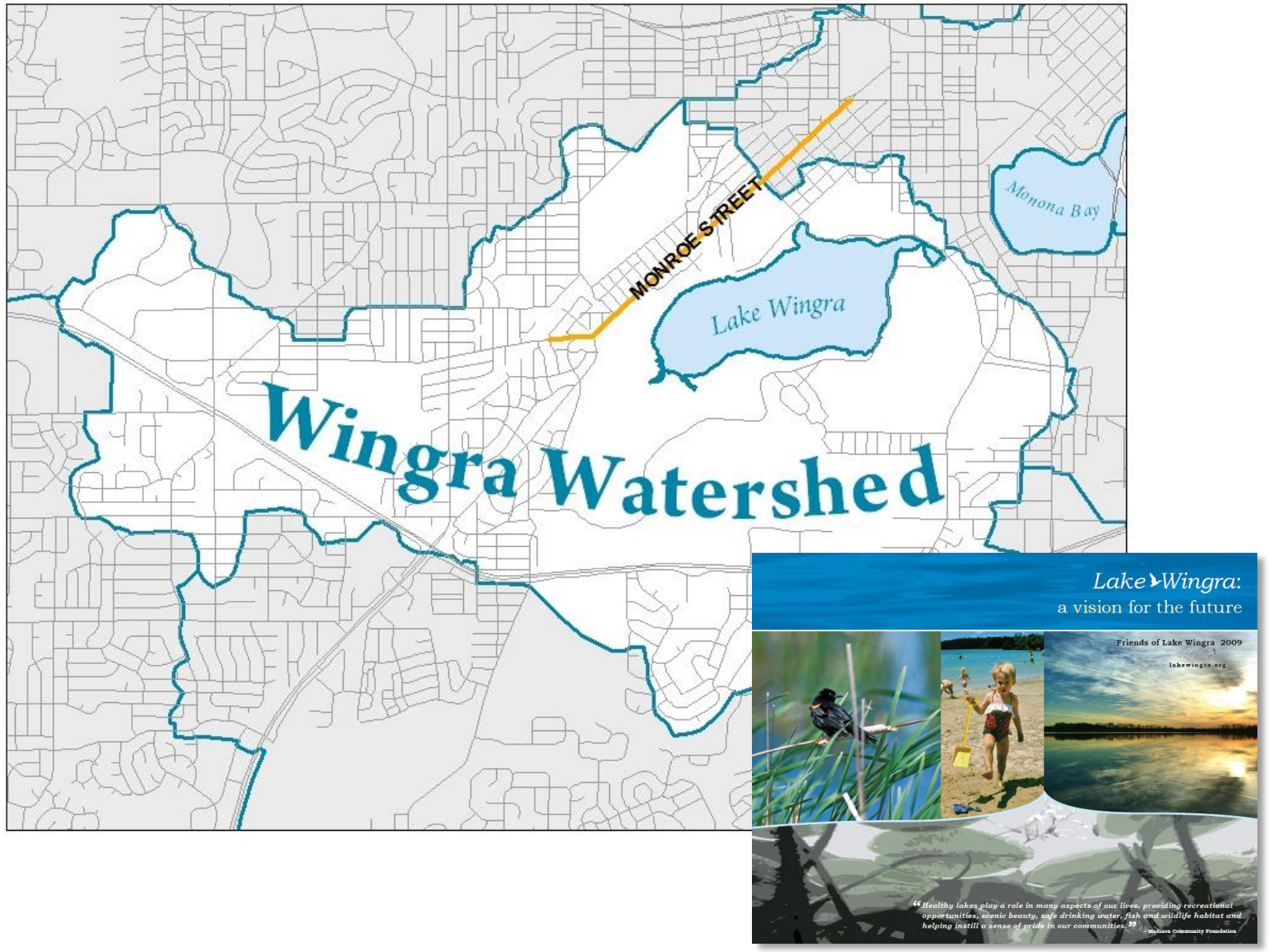
Planning Efforts:

Wingra Watershed Plan



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The Monroe Street Reconstruction

What We Heard in 2014

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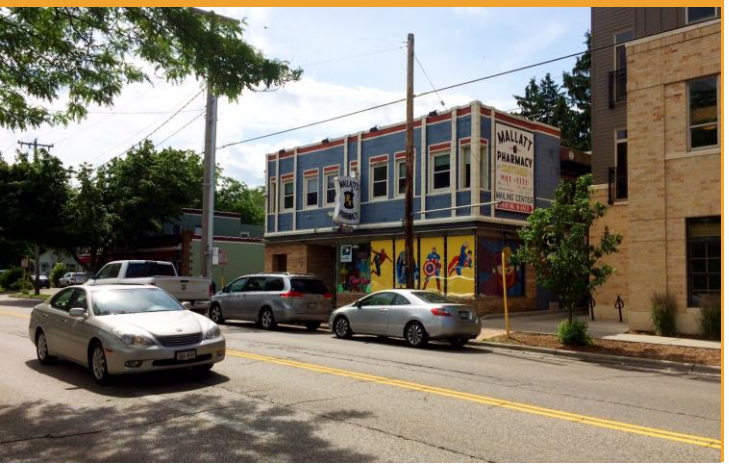
Traffic

Parking

Business



- Improve pedestrian safety by enhancing crosswalks, reducing speeds and boosting enforcement
- Configure lanes to be multi-modal friendly
- Maintain and improve parking, especially near businesses
- Consider traffic calming and modified parking on neighborhood streets
- Provide adequate access, parking, signage and detours during construction
- Complete construction in one year

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Pedestrians

Bikes

Transit

- Address pedestrian safety/crosswalks
- Reduce speed and increase enforcement
- Provide more space/options for bike use and additional bike parking
- Offer more frequent, dedicated buses
- Locate bus stops at far side of intersections
- Maintain parking for businesses, but discourage commuter parking

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Stormwater

Utilities

Placemaking

- Minimize run-off and collect sediment
- Control erosion during construction
- Consider watershed-wide stormwater mgmt
- Underground utilities to improve tree canopy
- Preserve existing amenities and character
- Identify points of interest on kiosks & maps
- Add green space, art & storytelling opportunities
- Add streetscape amenities (seating, lights, bike racks, signage, banners, etc.)

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Feedback on Placemaking at Crazy Legs Triangle:

Questions?

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Small Group Conversation #1

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Ground Rules & Etiquette

- Work with your assigned group
- Passing time will be marked. Listen for the cowbell!
- Give all members an opportunity to share
- Do not judge or criticize others' ideas
- During each conversation we will:
  - Brainstorm alone
  - Share in small groups
  - Share with large group

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Question:

Definitions of Success

What headline would you most like to see following the Monroe Street Reconstruction?

- (What is your definition of success?)

✓One headline per sheet

✓Be as specific as possible.

✓Brainstorm alone for 2 minutes.

✓Share **top 2** in small groups for 5 minutes.

✓Place on the wall, combine similar, and mark 'X's on those you like best.

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Monroe Street Reconstruction Kickoff Meeting

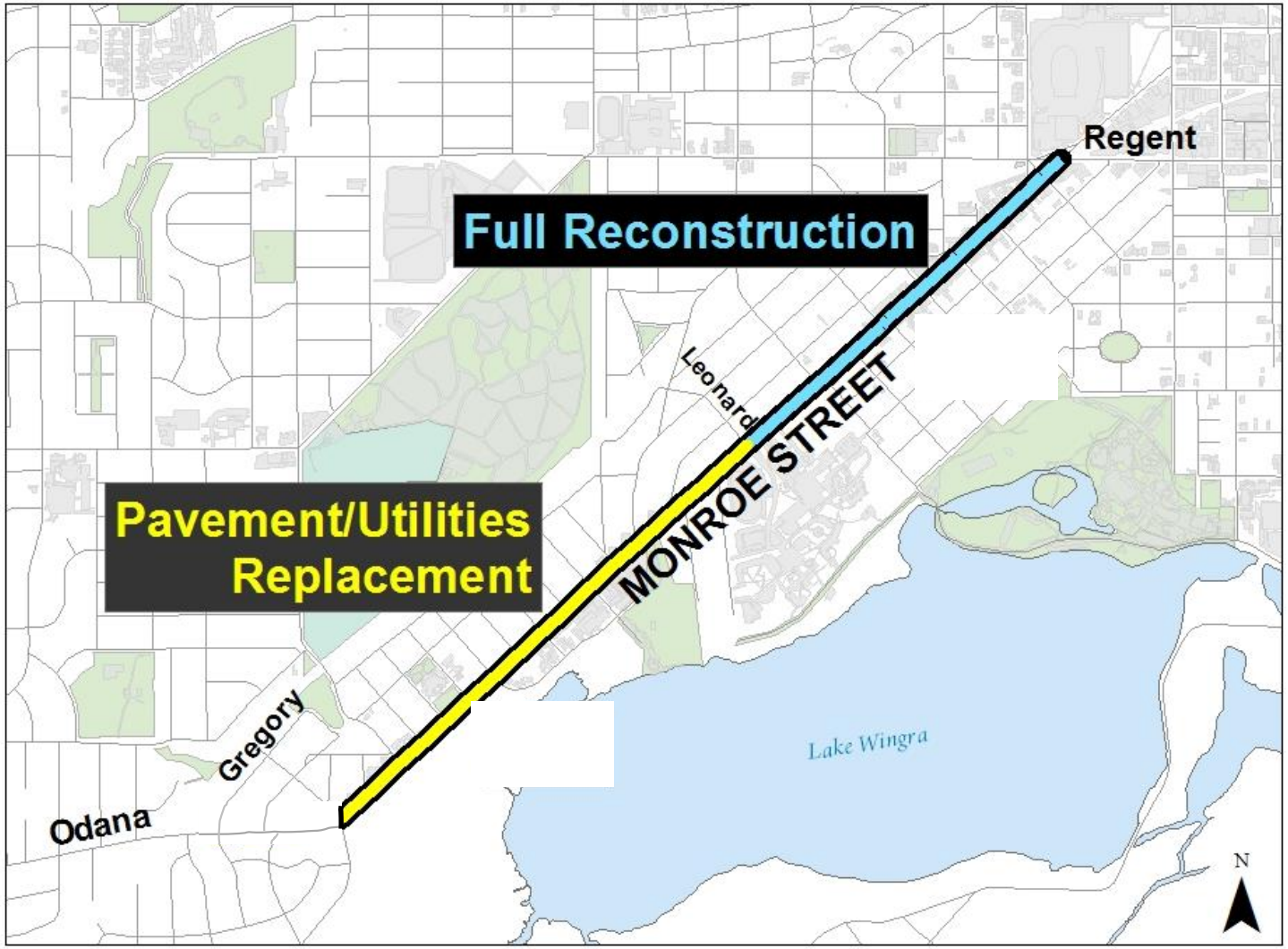
June 2016

Monroe Street Reconstruction Project

Engineering Presentation Outline

- Traffic data
- Interim pedestrian improvements
- Existing infrastructure conditions
- Reconstruction project scope & current budget
- Environmental impact & Envision Introduction

Project Limits

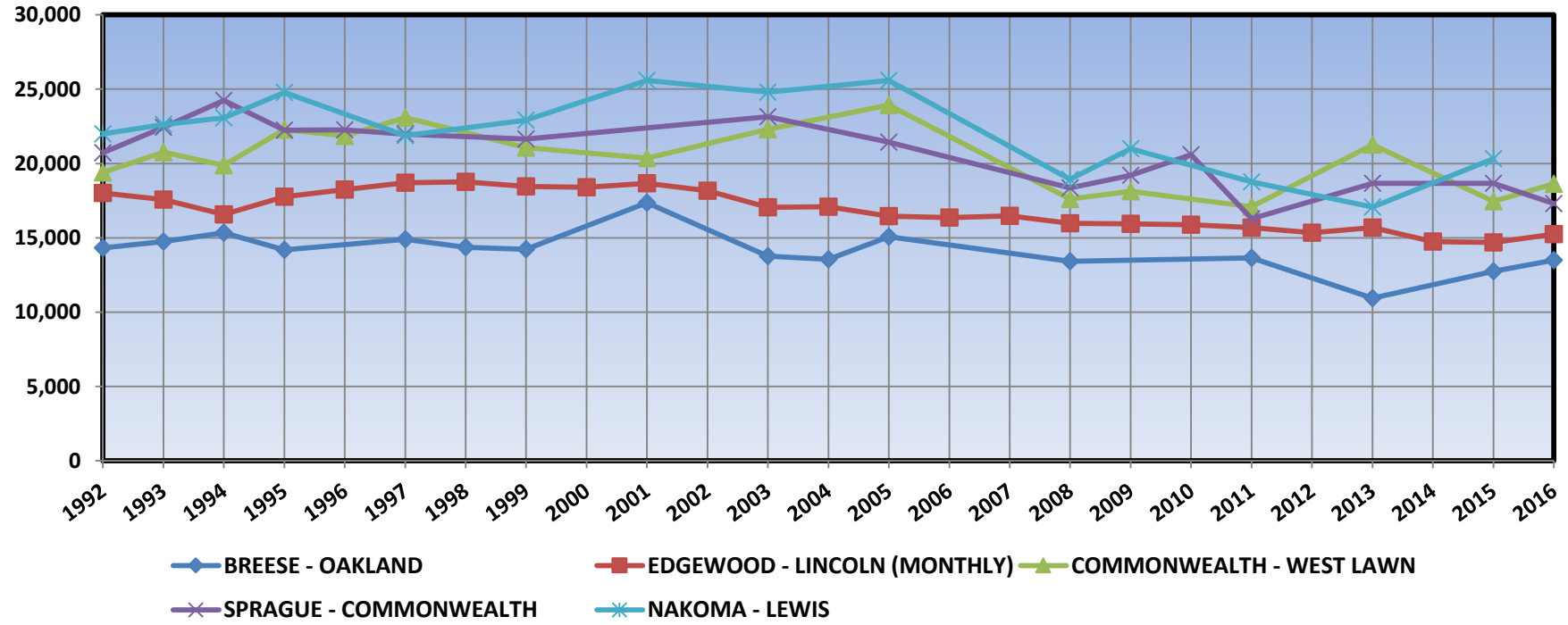


Existing Conditions: Traffic Data

- Average speeds highest near Odana (posted 30 mph) & decrease moving to northeast (toward Regent)
  - Ave. about 30.4 mph at Odana
  - Ave. 29.7 mph near Knickerbocker
  - Ave. about 27.5 mph near Edgewood Ave.
  - Ave. about 23 mph west of Grant (Trader Joe's)

Existing Conditions: Traffic Data

- Volumes also highest near Odana & decrease to east
  - 20,000 AWT near Odana, 13,500 AWT near Regent
  - Volumes generally trending down since late ‘90s



Existing Conditions: Traffic Data

- 269 vehicular crashes at intersections since 2000
- 324 mid-block vehicular crashes since 2002
- 14 bike crashes since 2000
- 20 pedestrian crashes since
  - Took place under various conditions, mostly day-time & dry

Interim Pedestrian Crossing Improvements

- Reconstruction project has been delayed until 2018
- Pedestrian improvements noted priority at previous meetings & important aspect of the project
- Install Rectangular Rapid Flashing Beacons (RRFB) in summer of 2016

Interim Pedestrian Crossing Improvements

- Benefits of RRFB
  - Highly visible LED strobe
  - Observed good motorist compliance
  - Solar capable (interim)
  - Cost Effective

Interim Pedestrian Crossing Improvements

- Locations based on input from previous meetings
  - Harrison (Trader Joe's)
  - Prospect
  - Edgewood
  - Knickerbocker or Sprague (still determining)
  - Western
  - Odana
- Limited budget for interim improvements, but can consider additional/alternative improvements with the reconstruction

Existing Conditions: Pavement & Curb

- Odana to Leonard (Resurfacing portion)
  - Pavement rated 4/10
  - Curb rated 7/10
  - Street width 42 ft. (curb face to curb face)
- Leonard to Regent (Reconstruction portion)
  - Pavement rated 3/10 or 4/10
  - Curb: rated 2/10 (short portion 5/10)
  - Existing street width 44 ft. or 46 ft. (Harrison-Regent)

Existing Conditions: Utilities

- Odana to Leonard (Resurfacing portion)
  - Sanitary: existing from 1922-32, 6” to 16”
  - Water: existing installed in 1916-18, mostly 10”
  - Storm: existing from 1918, 1950 & 1989
- Leonard to Regent (Reconstruction portion)
  - Sanitary: existing from1905-11, mostly 6”
  - Water: existing from 1911-12, mostly 8”
  - Storm: existing from 1918-20
- 4 sewer backups since 2014, 3 emergency sewer repairs in 2015 & 3 inlet/manhole repairs since 2015

General Project Scope

- Utilities
  - Replace sanitary sewer main & laterals to property line
  - Replace the water main
  - Repair/replace & install new storm sewer as needed
  - Storm water treatment devices
- Street
  - Replace the failing asphalt pavement
  - Replace the curb & gutter (salvage where possible)
  - Replace sidewalk as needed & other ped improvements

Project Budgeting for 2018

- Current budgeted amounts (as of 6/9/16)
- Total project budget: approximately $17 Million
- Street: $9.8 Million
  - Infrastructure replacement (pavement, curb, sidewalk)
  - Lighting & signal replacement
  - Pavement markings
  - Other pedestrian improvements
  - Some storm sewer (inlets & leads)
  - Costs of any Placemaking (including Crazy Legs Triangle)
  - Includes some funds for undergrounding in business areas

Project Budgeting for 2018

- Sanitary Sewer: $4 Million
  - Replacement of sewer main & laterals
- Water Main: $2.2 Million
  - Replacement of main & reconnection of services
- Storm Sewer: $750,000
  - Replacement & installation of new main
- Water Quality: $200,000
  - Catch basins & treatment structure
- Rain Gardens: $20,000

Pedestrian Crossing Improvements

- More discussion on additional pedestrian improvements (Organizing Themes)
- Several options that have been used in past
- Willing to consider other ideas

Pedestrian Crossing Improvements

- Modified/improved markings for cross walks
  - Continental Cross walks
  - Colored Cross Walks

Pedestrian Crossing Improvements

- Countdown timers on signals

Pedestrian Crossing Improvements

- Overhead sign and/or flashers
- Re-install beacons

Additional Future Input Opportunities

- Placemaking opportunities
  - Crazy Legs Triangle
  - Other nodes

- Street lighting
  - Street area lights
  - Pedestrian lights

Evaluating, Discussing and Reducing the Environmental Impact of the Monroe Street Reconstruction

ENVISION®

Institute for Sustainable Infrastructure

ZOFNASS PROGRAM FOR SUSTAINABLE INFRASTRUCTURE

APWA ASCE ACEC

http://sustainableinfrastructure.org/

- Comprehensive list of criteria to evaluate sustainability of planning, construction and operation of a project.
- Both a guide and a tool for scoring a project
- Helps project teams by providing a framework
- Has a credentialing program
  - 8 hr training and test

ENVISION® CREDIT LIST

QUALITY OF LIFE
13 Credits

1 PURPOSE
QL1.1 Improve Community Quality of Life
QL1.2 Stimulate Sustainable Growth & Development
QL1.3 Develop Local Skills and Capabilities

2 WELLBEING
QL2.1 Enhance Public Health and Safety
QL2.2 Minimize Noise and Vibration
QL2.3 Minimize Light Pollution
QL2.4 Improve Community Mobility and Access
QL2.5 Encourage Alternative Modes of Transportation
QL2.6 Improve Site Accessibility, Safety & Wayfinding

3 COMMUNITY
QL3.1 Preserve Historic and Cultural Resources
QL3.2 Preserve Views and Local Character
QL3.3 Enhance Public Space

QL0.0 Innovate or Exceed Credit Requirements

LEADERSHIP
10 Credits

1 COLLABORATION
LD1.1 Provide Effective Leadership & Commitment
LD1.2 Establish a Sustainability Management System
LD1.3 Foster Collaboration and Teamwork
LD1.4 Provide for Stakeholder Involvement

2 MANAGEMENT
LD2.1 Pursue By-Product Synergy Opportunities
LD2.2 Improve Infrastructure Integration

3 PLANNING
LD3.1 Plan for Long-Term Monitoring & Maintenance
LD3.2 Address Conflicting Regulations and Policies
LD3.3 Extend Useful Life

LD0.0 Innovate or Exceed Credit Requirements

RESOURCE ALLOCATION
14 Credits

1 MATERIALS
RA1.1 Reduce Net Embodied Energy
RA1.2 Support Sustainable Procurement Practices
RA1.3 Use Recycled Materials
RA1.4 Use Regional Materials
RA1.5 Divert Waste from Landfills
RA1.6 Reduce Excavated Materials Taken Off Site
RA1.7 Provide for Deconstruction and Recycling

2 ENERGY
RA2.1 Reduce Energy Consumption
RA2.2 Use Renewable Energy
RA2.3 Commission and Monitor Energy Systems

3 WATER
RA3.1 Protect Fresh Water Availability
RA3.2 Reduce Potable Water Consumption
RA3.3 Monitor Water Systems

RA0.0 Innovate or Exceed Credit Requirements

NATURAL WORLD
15 Credits

1 SITING
NW1.1 Preserve Prime Habitat
NW1.2 Protect Wetlands and Surface Water
NW1.3 Preserve Prime Farmland
NW1.4 Avoid Adverse Geology
NW1.5 Preserve Floodplain Functions
NW1.6 Avoid Unsuitable Development on Steep Slopes
NW1.7 Preserve Greenfields

2 LAND+WATER
NW2.1 Manage Stormwater
NW2.2 Reduce Pesticides and Fertilizer Impacts
NW2.3 Prevent Surface and Groundwater Contamination

3 BIODIVERSITY
NW3.1 Preserve Species Biodiversity
NW3.2 Control Invasive Species
NW3.3 Restore Disturbed Soils
NW3.4 Maintain Wetland and Surface Water Functions

NW0.0 Innovate or Exceed Credit Requirements

CLIMATE AND RISK
8 Credits

1 EMISSIONS
CR1.1 Reduce Greenhouse Gas Emissions
CR1.2 Reduce Air Pollutant Emissions

2 RESILIENCE
CR2.1 Assess Climate Threat
CR2.2 Avoid Traps and Vulnerabilities
CR2.3 Prepare for Long-Term Adaptability
CR2.4 Prepare for Short-Term Hazards
CR2.5 Manage Heat Island Effects

CR0.0 Innovate or Exceed Credit Requirements

ENVISION POINTS TABLE

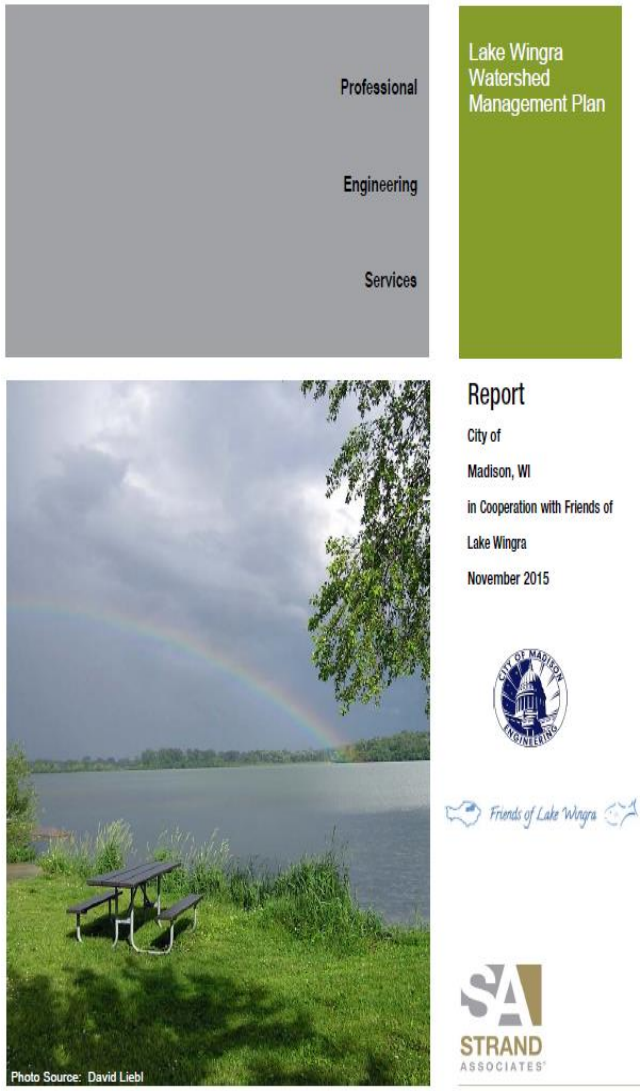
			IMPROVED	ENHANCED	SUPERIOR	CONSERVING	RESTORATIVE
QUALITY OF LIFE	PURPOSE	QL1.1 Improve community quality of life	2	5	10	20	25
		QL1.2 Stimulate sustainable growth and development	1	2	5	13	16
		QL1.3 Develop local skills and capabilities	1	2	5	12	15
	WELLBEING	QL2.1 Enhance public health and safety	2	—	—	16	
		QL2.2 Minimize noise and vibration	1	—	—	8	11
		QL2.3 Minimize light pollution	1	2	4	8	11
		QL2.4 Improve community mobility and access	1	4	7	14	
		QL2.5 Encourage alternative modes of transportation	1	3	6	12	15
		QL2.6 Improve site accessibility, safety and wayfinding	—	3	6	12	15
	COMMUNITY	QL3.1 Preserve historic and cultural resources	1	—	7	13	16
		QL3.2 Preserve views and local character	1	3	6	11	14
		QL3.3 Enhance public space	1	3	6	11	13
					Maximum QL Points:		181*
LEADERSHIP	COLLABORATION	LD1.1 Provide effective leadership and commitment	2	4	9	17	
		LD1.2 Establish a sustainability management system	1	4	7	14	
		LD1.3 Foster collaboration and teamwork	1	4	8	15	
		LD1.4 Provide for stakeholder involvement	1	5	9	14	
	MANAGEMENT	LD2.1 Pursue by-product synergy opportunities	1	3	6	12	15
		LD2.2 Improve infrastructure integration	1	3	7	13	16
	PLANNING	LD3.1 Plan for long-term monitoring and maintenance	1	3	—	10	
		LD3.2 Address conflicting regulations and policies	1	2	4	8	
		LD3.3 Extend useful life	1	3	6	12	
					Maximum LD Points:		121*
RESOURCE ALLOCATION	MATERIALS	RA1.1 Reduce net embodied energy	2	6	12	18	
		RA1.2 Support sustainable procurement practices	2	3	6	9	
		RA1.3 Use recycled materials	2	5	11	14	
		RA1.4 Use regional materials	3	6	9	10	
		RA1.5 Divert waste from landfills	3	6	8	11	
		RA1.6 Reduce excavated materials taken off site	2	4	5	6	
		RA1.7 Provide for deconstruction and recycling	1	4	8	12	
	ENERGY	RA2.1 Reduce energy consumption	3	7	12	18	
		RA2.2 Use renewable energy	4	6	13	16	20
		RA2.3 Commission and monitor energy systems	—	3	—	11	
	WATER	RA3.1 Protect fresh water availability	2	4	9	17	21
		RA3.2 Reduce potable water consumption	4	9	13	17	21
		RA3.3 Monitor water systems	1	3	6	11	
					Maximum RA Points:		182*
NATURAL WORLD	SITING	NW1.1 Preserve prime habitat	—	—	9	14	18
		NW1.2 Protect wetlands and surface water	1	4	9	14	18
		NW1.3 Preserve prime farmland	—	—	6	12	15
		NW1.4 Avoid adverse geology	1	2	3	5	
		NW1.5 Preserve floodplain functions	2	5	8	14	
		NW1.6 Avoid unsuitable development on steep slopes	1	—	4	6	
		NW1.7 Preserve greenfields	3	6	10	15	23
	LAND & WATER	NW2.1 Manage stormwater	—	4	9	17	21
		NW2.2 Reduce pesticide and fertilizer impacts	1	2	5	9	
		NW2.3 Prevent surface and groundwater contamination	1	4	9	14	18
	BIODIVERSITY	NW3.1 Preserve species biodiversity	2	—	—	13	16
		NW3.2 Control invasive species	—	—	5	9	11
		NW3.3 Restore disturbed soils	—	—	—	8	10
		NW3.4 Maintain wetland and surface water functions	3	6	9	15	19
					Maximum NW Points:		203*
CLIMATE & RISK	EMISSIONS	CR1.1 Reduce greenhouse gas emissions	4	7	13	18	25
		CR1.2 Reduce air pollutant emissions	2	6	—	12	15
	RESILIENCE	CR2.1 Assess climate threat	—	—	—	15	
		CR2.2 Avoid traps and vulnerabilities	2	6	12	16	20
		CR2.3 Prepare for long-term adaptability	—	—	—	16	20
		CR2.4 Prepare for short-term hazards	3	—	10	17	21
		CR2.5 Manage heat islands effects	1	2	4	6	
					Maximum CR Points:		122*
					Maximum TOTAL Points:		809*

* Not every credit has a restorative level. Therefore totals include the maximum possible points for each credit whether conserving or restorative.

How will the city use Envision?

- City will be using Envision for the first time on Monroe Street.
- We will be giving updates at each public information meeting
- Envision framework will help to guide portions of the public meetings

Wingra Watershed Plan



- Sets Phosphorus, Sediment , groundwater recharge and Chloride reduction goals for Lake Wingra
- Monroe Street Reconstruction is a project discussed in reaching these goals.

Going forward

- Public information meetings will include
  - Envision updates and feedback opportunities
  - Detailed discussions on trade offs between the goals of all street users
  - Alternative analysis to put numbers behind alternatives and allow informed decisions to be made.
  - Documentation of decisions and process

Small Group Conversation #2

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Ground Rules & Etiquette

- Work with your assigned group
- Passing time will be marked. Listen for the cowbell!
- Give all members an opportunity to share
- Do not judge or criticize others' ideas
- During each conversation we will:
  - Brainstorm alone
  - Share in small groups
  - Share with large group

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3 Questions:

Processing & Next Steps

1. What have you heard today that you like, appreciate, and/or agree with?

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3 Questions:

Processing & Next Steps

2. What have you heard today that you disagree with or that concerns you?

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3 Questions:

Processing & Next Steps

3. What 2-3 things would you like to learn more about, or discuss further, in order to provide more informed input during this process?
    a. This could mean things that you, individually, want to learn or things that we, collectively, need to explore.

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Wrapping Up

Stay Tuned

Summer conversations on five themes:

1. Pedestrian Safety and Access
2. Green Infrastructure
3. Bicycle Safety and Access
4. Transit Safety and Access
5. Business Enhancement

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For More Information:

- City of Madison Engineering: www.cityofmadison.com/engineering/projects/monroe-street
  - Subscribe to email updates
  - View presentations and notes
- Alder Eskrich, District 13: www.cityofmadison.com/council/district13/
  - Subscribe to email updates.
  - Share additional comments.

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Thank You!

Source: http://www.monroestreetmadison.com/

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