

# WIS 69 Reconstruction Project

1693-05-02/72  
WIS 69  
New Glarus – Verona  
County D to Valley Rd  
Dane County

Public Involvement Meeting  
May 30, 2019  
5:30 p.m. to 7:00 p.m.



# Agenda

- ▶ Introductions
- ▶ Meeting Purpose
- ▶ Project Background
- ▶ Drainage Updates
- ▶ Real Estate Intro
- ▶ Project Schedule
- ▶ Open House



# Introductions

- ▶ WisDOT Project Development Supervisor
  - Bill Strobel, PE
- ▶ WisDOT Project Manager
  - Mahesh Shrestha, PE
- ▶ Design Team
  - Brad Groh, PE – JT Engineering, Inc.
  - Jed Munroe, PE – JT Engineering, Inc.
  - Kyle Williams – JT Engineering, Inc.
  - Greg Payne, PE – WisDOT



# Introductions

- ▶ WisDOT Drainage Team
  - Ann-Marie Kirsch, PE
  - Ed Lilla, PE
- ▶ WisDOT Real Estate
  - Kema Williams
  - Jamie Brud

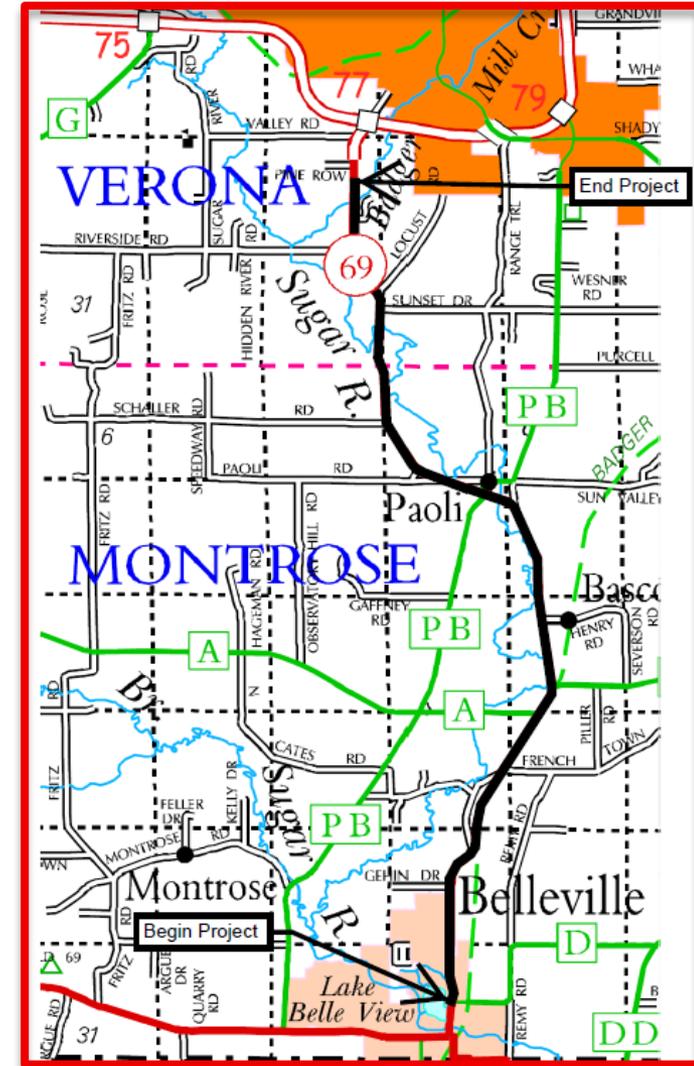
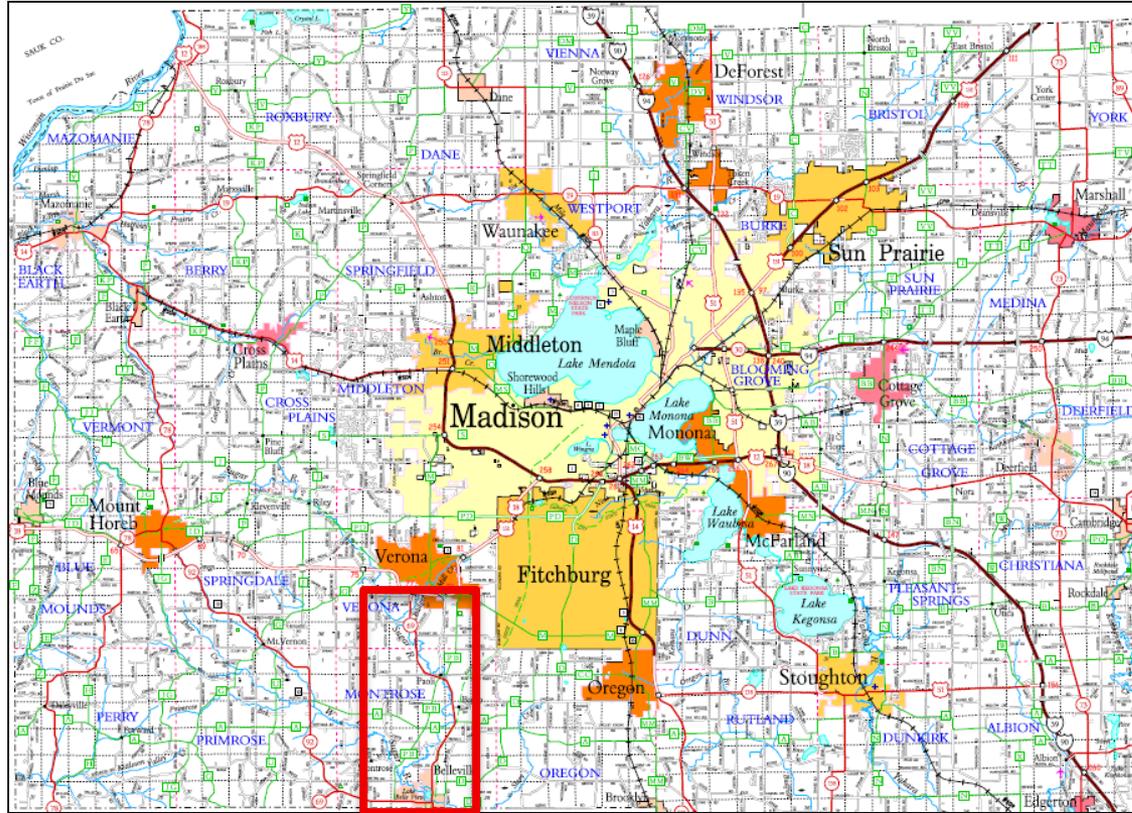


# Meeting Purpose

- ▶ Reaffirm project concepts and discuss any changes
- ▶ Introduce real estate process and timeline
- ▶ Outline the anticipated design and construction schedule



# Project Location



# Existing Facility

- ▶ 8.2-mile corridor
- ▶ Major Collector Highway
- ▶ Currently 4,400 – 6,800 ADT
- ▶ Mill and overlay completed in 2014



# Project Need

- ▶ Safety
- ▶ Roadway Geometry
- ▶ Pavement Deterioration
- ▶ Drainage Issues
- ▶ Traffic



# Safety

- ▶ 1.7x the state average crash rate for 2-lane rural highway
- ▶ 1.7x the number of fatalities on average
- ▶ Some segments up to 4.6x state average crash rate



**4.6x crash rate**



**3.1x crash rate**



**2.9x crash rate**

# Roadway Geometry

- ▶ Substandard
  - Intersection layout
  - Shoulder and ditch slope
  - Horizontal curves
  - Objects in clear zone
  - Speed rating



# Pavement Deterioration

- ▶ Emergency Overlay from 2014 improved ride
- ▶ Main problem is with the underlying pavement
- ▶ Cracks are starting to surface through overlay



# Drainage Issues

- ▶ Flooding North of Paoli
  - WIS 69 has overtopped and washed out 3 times over the last 1.5 years
  - Modeled flood elevation is 915.31 in impacted area
  - Existing roadway profile elevation is around 912.70



February 2018



August 2018



March 2019

# Traffic

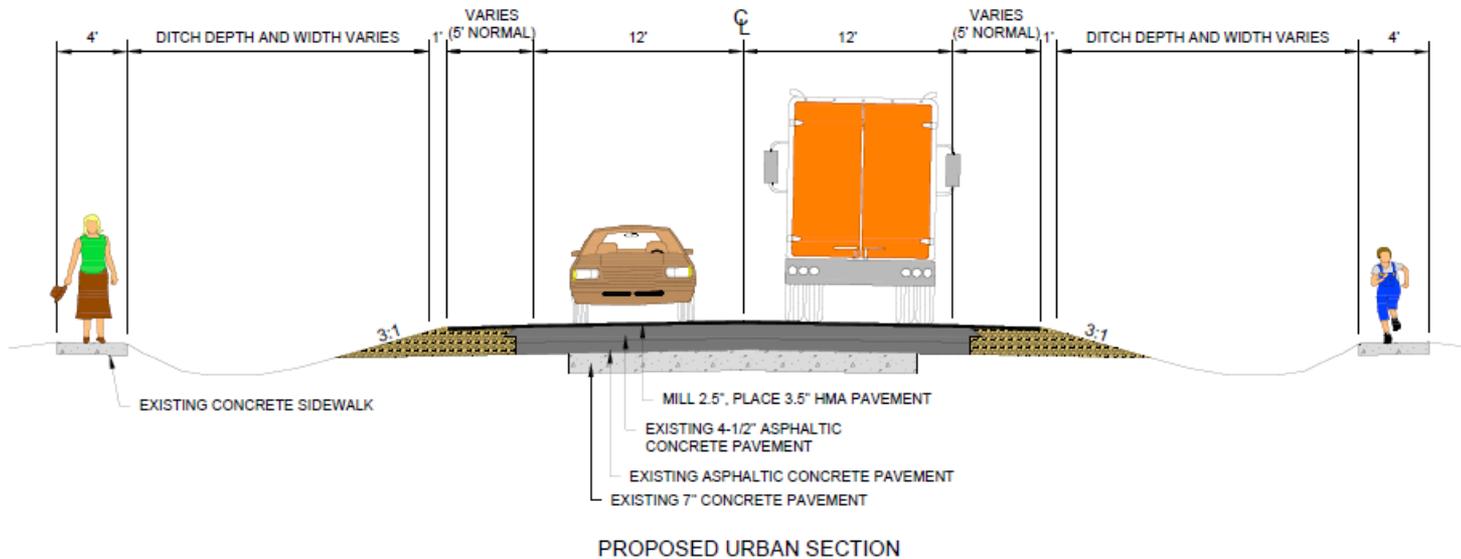
- ▶ Projected ADT between 6,500 and 8,450 in 2039
- ▶ WIS 69/County PB intersection fails under 4-way stop control based on projected traffic volumes
- ▶ Intersection Control Evaluation completed in 2015

Future No-Build - 2039	WIS 69 & County PB						WIS 69 & County PB					
	Approach & Movement	Delay (s)	LOS (Unsig)	v/c	95th Queue (veh)	95th Queue (ft)	Approach & Movement	Delay (s)	LOS (Unsig)	v/c	95th Queue (veh)	95th Queue (ft)
	NB L/T/R	53	F	0.98	15.1	380	NB L/T/R	23	C	0.65	4.6	115
	EB L/T/R	11	B	0.22	0.8	20	EB L/T/R	39	E	0.86	9.6	240
	SB L/T/R	11	B	0.26	1.0	25	SB L/T/R	65	F	1.01	14.1	355
	WB L/T/R	13	B	0.31	1.3	35	WB L/T/R	13	B	0.17	0.6	15
Intersection	53	F				Intersection	65	F				
NB & SB = County PB; EB & WB = WIS 69						NB & SB = County PB; EB & WB = WIS 69						



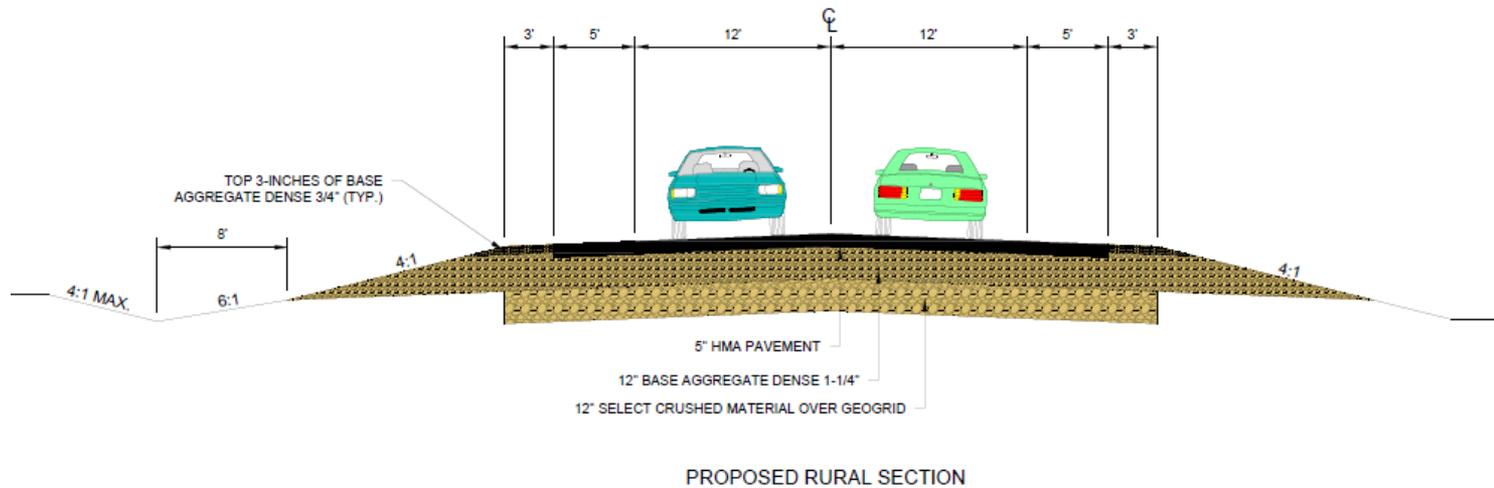
# Scope of Work

- ▶ Rehabilitate from southern project limits to the Gehin Road intersection



# Scope of Work

- ▶ Reconstruct from Gehin Road intersection to northern project limits



# Scope of Work

- ▶ Proposed Safety Improvements
  - Wider shoulders
  - Ditch grading/clear zone establishment
  - Beam guard where necessary
  - Shoulder/Centerline rumble strips
  - Flashing Pedestrian Beacon at Karl Avenue in Belleville
  - Curb Ramp Improvements in Belleville
- ▶ Proposed Operational Improvements
  - Intersection deceleration/turn lanes and bypass lanes
  - Single lane roundabout at WIS 69/County PB intersection

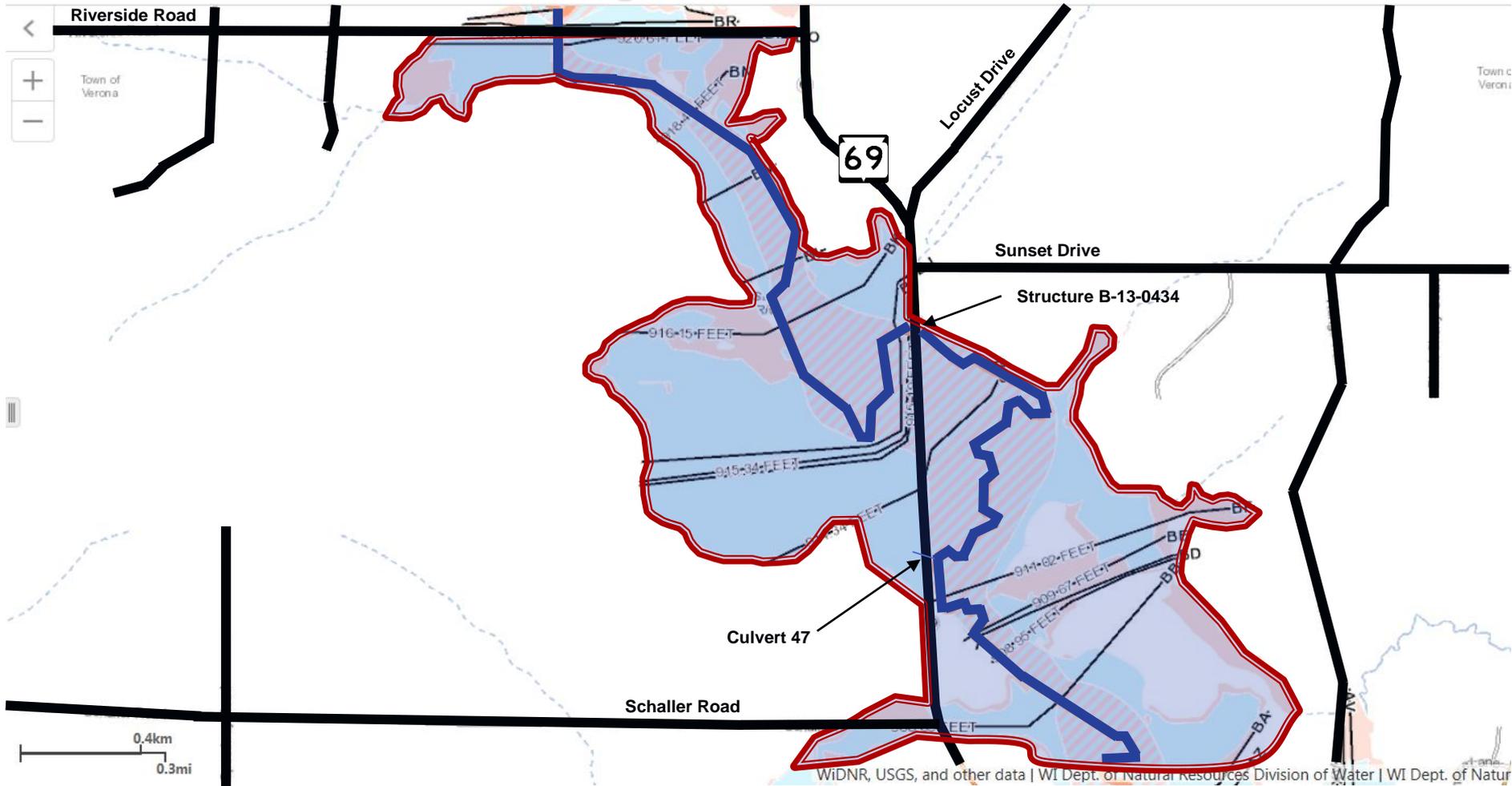


# Scope of Work

- ▶ Improve roadway drainage
  - Reevaluated all crossings throughout corridor
  - Culvert 47 (site of overtopping events) design concept
    - Raise roadway profile above modeled flood elevation
    - Replace existing 48-inch pipe with twin 60-inch pipes
    - Roadway protected with no change to floodplain
  - Roadway's overall impact on floodplain
    - Presence of WIS 69 accounts for under 1.5" of upstream flood elevation difference and 6' of floodplain width
    - Flood performance substantially driven by Sugar River, not road



# Scope of Work



Flood Insurance Rate Map Around Culvert 47



# Staging Concepts

- ▶ Road Closed to Through Traffic In Work Zone
- ▶ Detour Posted For Non-Local Traffic
- ▶ Staging to Enhance Local Connectivity
  - Stage 1
    - Work focused on area between Paoli and northern limits
    - Diane Avenue intersection remains open
    - County PB intersection closed
  - Stage 2
    - Work focused on area between Belleville and Paoli
    - County PB roundabout completed and open, Diane Ave closed



# Real Estate Introduction

- ▶ Staff Working on the Project
  - WisDOT Real Estate
  - Appraiser
  - Surveyors for Appraisal Staking
- ▶ Introductory Letter Sent Last Week
- ▶ Appraisal Staking Set to Begin Next Week





# Real Estate Introduction

- ▶ Acquisition Terminology Basics
  - Right of Way (R/W) – Land owned by WisDOT
  - FEE Acquisition – Land needed for new WisDOT R/W
  - Temporary Limited Easement (TLE) – Land needed to blend in grading slopes or to complete construction without a permanent need for WisDOT ownership



# Real Estate Introduction

- ▶ Appraisal Staking – What to Expect
  - Surveyor will place stakes on points identified in the plat
  - New FEE point = Pink Ribbon/Pink Paint on Stake
  - New TLE point = Blue Ribbon/Pink Paint on Stake
  - Intersections with Existing R/W = Yellow Ribbon on Stake
  - Please leave stakes in-place until appraisals are complete
  
- ▶ Note: Survey Right of Entry on Private Land Applies
  - Covered by s. 84.01(10) in Wisconsin State Statutes



# Real Estate Introduction

## ▶ Next Steps

- Affected Property Owners
  - Complete Ownership Information Sheet Sent By WisDOT
  - Review “Rights of Landowners Under Wisconsin Eminent Domain Law” Sent By WisDOT
- Appraisals to Follow Appraisal Staking
- Meetings, Offers, and Negotiations To Follow Appraisals
- Land Transactions Complete Process



# Anticipated Project Schedule

▶ Begin Right of Way Acquisition	Summer 2019
▶ Agency Coordination	Ongoing
▶ Plans to Utilities	Summer 2019
▶ 90% Plans	November 2020
▶ Final Plans	*May 2021
▶ Project LET	*November 2021
▶ Construction	*Spring-Fall 2022 North *Spring-Fall 2023 South

\* Note: These dates are based on an advanceable delivery schedule



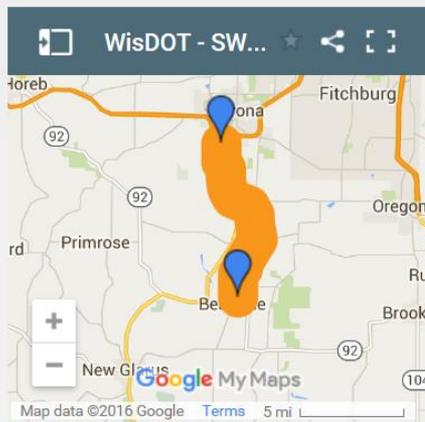
# WIS 69 Reconstruction

Southwest Region

[Project location](#) | [Project overview](#) | [Schedule](#) | [Traffic impacts/detours](#) | [Status/phase](#) | [Contact information](#)

## Project location

WIS 69 Reconstruction, County D to Valley Road, in Dane County.



[View WIS 69 Reconstruction in a larger map](#)

## Project overview

The Wisconsin Department of Transportation (WisDOT) is in the process of developing plans for a proposed project on WIS 69 in Dane County. The project begins near the intersection of County Road D in Belleville and extends north approximately 8.3 miles to the intersection of Valley Road, south of the City of Verona.



**Thank you for your time**

**Please fill out a comment form if  
you have any questions or stop  
by and talk to us.**



# WIS 69 Reconstruction Project

**Mahesh Shrestha** – WisDOT Project Manager

WisDOT – SW Region

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Project Website: <http://wisconsindot.gov/Pages/projects/by-region/sw/wis69/default.aspx>

