



# **US 14 Resurfacing Project**

City of Fitchburg Limits

Dane County

WisDOT Project ID: 5155-02-35/65

**Virtual Project Update**

June 2024

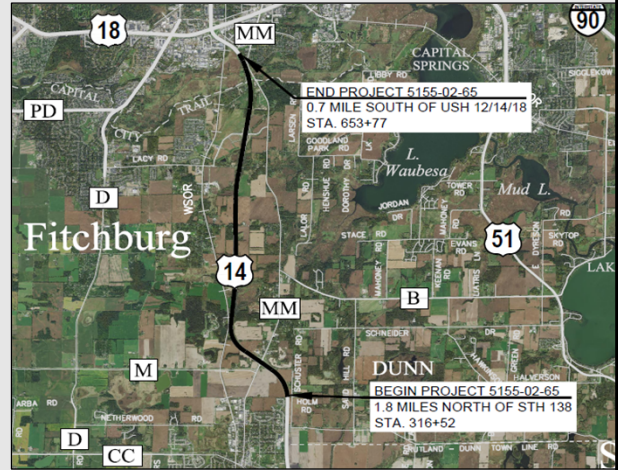
Hello and welcome to the virtual project update presentation for proposed improvements to US 14 within the limits of the City of Fitchburg.

## Presentation Content

- Project Location/Limits
- Scope of Work
- Anticipated Traffic Impacts During Construction
- Construction Schedule



This presentation will cover topics summarized in the four bullet points noted above.



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## Scope of Work – Pavement

- The pavement within this section of US 14 was last rehabilitated in 2011
- A 2020 & 2021 project replaced bridges and bridge decks, installed cable guard in the median, but did not address the pavement
- The driving lanes and paved shoulders will be milled 3 ½" and paved 3 ½"
- County MM, Lacy Road and McCoy Road ramps will be milled and resurfaced
- County MM and McCoy Road between ramp terminals will be milled and resurfaced



The pavement is the main roadway feature that will be addressed by the project. It was last resurfaced in 2011 and as of 2022 the pavement was considered in fair condition.

## Scope of Work – Structures

- Routine maintenance work is needed on five structures
- Four bridges will have maintenance work completed
  - Netherwood Street overpass of US 14 – expansion joint replacement, deck repair, bearing repair & surface repair
  - Haight Farm Road overpass of US 14 – expansion joint replacement, concrete deck overlay, bearing repair, painting & surface repair
  - US 14 EB & WB over Irish Lane – deck repair, surface repair, slope paving repair & concrete approach pavement replacement
- One box culvert will have maintenance work completed
  - Nine Springs Creek (just north of McCoy Road interchange) – replace one wingwall, concrete surface repair & clean debris from the box and at each end



The bridges and box culverts were originally constructed in 1969. Five structures within this section of US 14 require routine maintenance to maintain their function.

## Scope of Work – Drainage

- Existing drainage pipes need minor repairs.  
Work will include:

- Installing culvert liners at 2 pipes, both of which are located south of Byrne Road. Temporary Limited Easements (TLEs) are being acquired to complete this work.
- Reconnecting culvert pipe end sections that have become detached
- Cleaning culvert pipes
- Placing rip-rap at culvert end sections to prevent erosion



Throughout the project limits, existing drainage structures require maintenance and repair so that they continue to function as designed.

## Scope of Work – Safety/Standards

- Approximately half of the guardrail installations need to be upgraded to the current safety standard
- Curb ramps at the County MM roundabouts will be upgraded to meet current ADA standards



Minor work is required to bring some features of US 14 up to current roadway design standards.

## Anticipated Traffic Impacts – US 14

US 14 improvements will be completed by using short-term single lane closures.  
The peak direction of travel (AM or PM) will have 2 lanes open on weekdays.

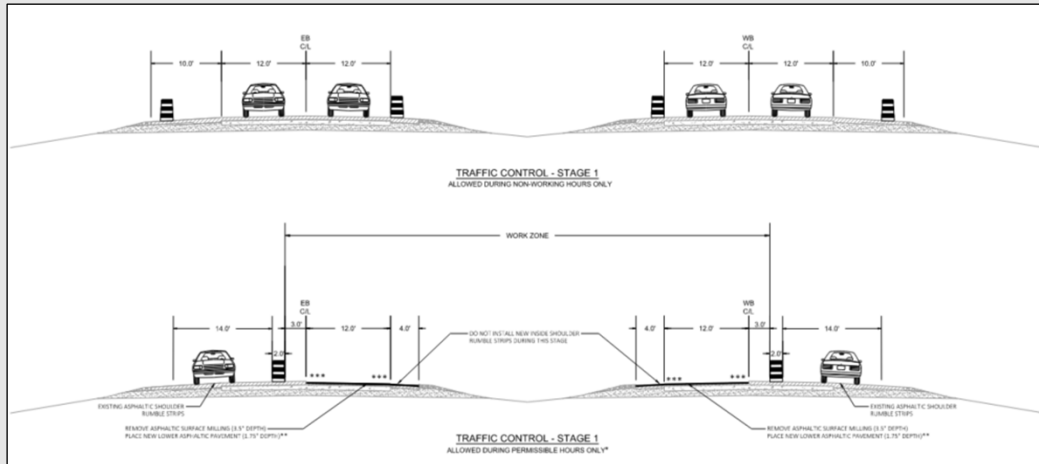
Closure Day to Day	USH 14 Eastbound	USH 14 Westbound
Monday to Tuesday	6 PM Monday to 3 PM Tuesday (21 hours)	9 AM Monday to 6 AM Tuesday (21 hours)
Tuesday to Wednesday	6 PM Tuesday to 3 PM Wednesday (21 hours)	9 AM Tuesday to 6 AM Wednesday (21 hours)
Wednesday to Thursday	6 PM Wednesday to 3 PM Thursday (21 hours)	9 AM Wednesday to 6 AM Thursday (21 hours)
Thursday to Friday	6 PM Thursday to 3 PM Friday (21 hours)	9 AM Thursday to 6 AM Friday (21 hours)
Friday to Monday	6 PM Friday to 3 PM Monday (69 hours)	9 AM Friday to 6 AM Monday (69 hours)



US 14 will remain open during construction. Short-term single lane closures would be used. During weekdays, the contractor will have 21-hour lane closure windows. Eastbound (EB) lanes (leaving Madison) must remain open from 3 PM to 6 PM on weekdays, and westbound (WB) lanes (entering Madison) must remain open from 6 AM to 9 AM weekdays. On weekends, the contractor would be allowed 69-hour lane closure windows. The EB and WB allowable times differ based on peak travel periods.

## Anticipated Traffic Impacts – US 14

US 14 improvements will be completed by using short-term single lane closures



When lane closures are in place on US 14, traffic would be shifted onto the respective inside or outside shoulder, depending on the stage of work. As shown above for stage 1 work, traffic will be on the outside shoulders. During stage 2 and 3 traffic would be on the inside shoulders during lane closures. During stage 4 they would be back on the outside shoulder during lane closures.

Wisconsin Department of Transportation

## Anticipated Traffic Impacts – US 14 Ramps

- Ramp improvements at the interchanges of County MM, Lacy Road and McCoy Road would be completed with overnight closures but no detours would be posted
- Overnight ramp closures will be allowed from 7 PM to 6 AM
- Portable Changeable Message Signs (PCMS) would be used to alert drivers of upcoming ramp closures
- Consecutive ramps would not be closed on the same night



Ramps at three interchanges will be resurfaced as part of the project. Ramps can only be closed during nighttime hours.

## Anticipated Traffic Impacts – Side Roads

- Netherwood Street and Haight Farm Road structure improvements will be completed by closing the roads. No detours will be posted.
- Milling/resurfacing of County MM and McCoy Road will be completed with overnight closures
- Overnight sideroad closures will be allowed from 7 PM to 6 AM
- Portable Changeable Message Signs (PCMS) would be used to alert drivers of upcoming sideroad closures
- Irish Lane will have shoulder closures and/or flagging operations to complete work on the US 14 bridges



Work will also occur on various sideroads that pass over or under US 14.

## Anticipated Impacts – Pedestrians

- Capital City State Trail along McCoy Road
  - A short section will be reconstructed as part of removing an old ramp terminal
  - The trail will remain open during construction
- County MM Roundabout Curb Ramps
  - Improvements will be completed in stages allowing one side to remain open at all times
  - Maintaining authority concerns with new curb sections through splitter islands?



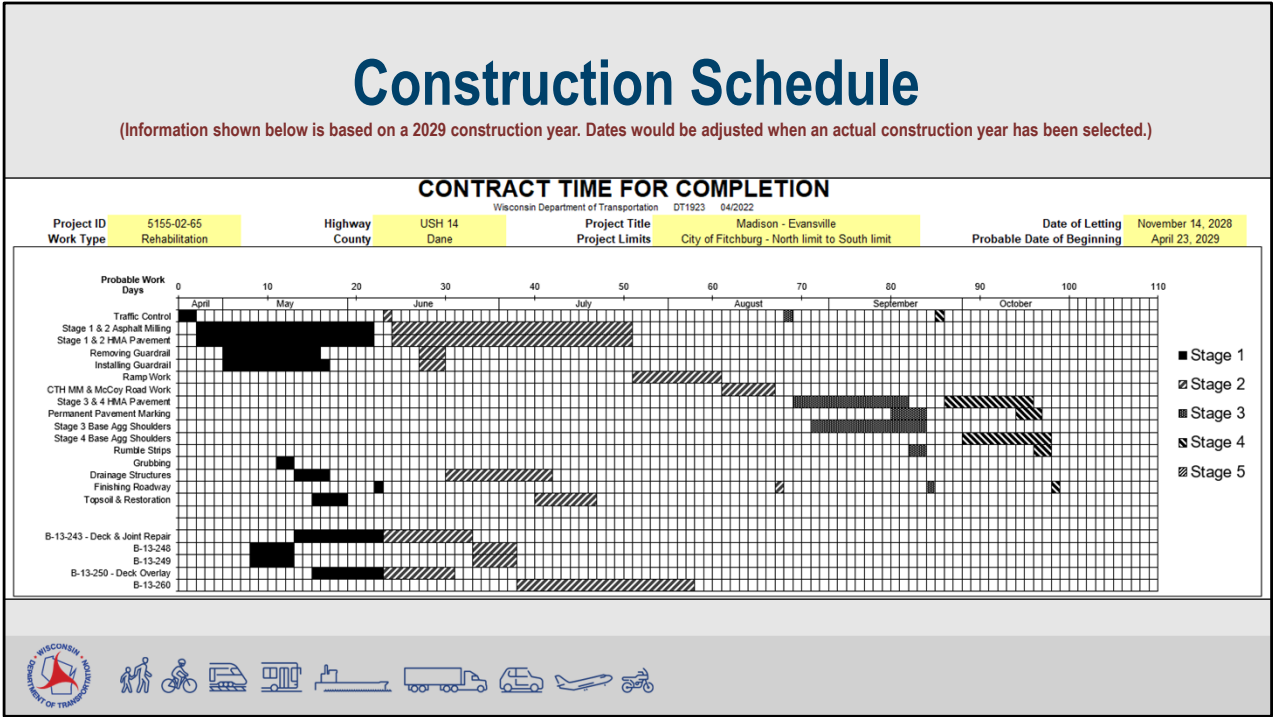
Existing bicycle and pedestrian facilities will undergo minor improvements.

## Construction Schedule

- Construction is currently scheduled for calendar year 2029. If funding becomes available, construction could be advanced to as early as calendar year 2025.
- A milestone schedule based on calendar year 2029 construction is shown below. Dates would be adjusted when an actual construction year has been selected.
  - Bid Letting: November 14, 2028
  - Advanced Tree Clearing (environmental restriction): Winter 2028/2029
  - Begin Construction: April 23, 2029 (estimated)
  - Four stages of work
  - Complete Construction: Late October of 2029 (contractual)



Construction is currently scheduled for 2029, but advanceable to as early as 2025 if funding is available. Final plans will be completed by August 1, 2024.



When construction does occur, there are four stages of work to be completed and the project is estimated to last approximately 6 months – from late April through late October of a calendar year.

## How to provide feedback and/or ask questions



### Email or call:

**Steve Porter, P.E.**  
WisDOT Project Manager  
[steve.porter@dot.wi.gov](mailto:steve.porter@dot.wi.gov)  
608-243-3366

**Andy Smieja, P.E.**  
Consultant Project Manager  
[andy.smieja@daarcorp.com](mailto:andy.smieja@daarcorp.com)  
414-935-4350



We encourage feedback from the public on the proposed improvements. You can provide feedback or ask questions by contacting the Wisconsin DOT project manager shown above.