

# Division of Transportation System Development Update

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Madison, WI

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▶Partnership ▶People ▶Process



# Today's presentation

- Projects
- Lettings/award times
- Utilities
- Program updates
- Process improvements
- Work zone safety



WIS 15 bridge over I-41, Outagamie County











































**Delivering investments** 



- Partnerships (WisDOT, consultants, locals, counties, industry) make a difference
- Communicating early and often is key - that includes listening

- Get involved early in the project and remain active and engaged
- Focus on finding solutions



















# **Delivering investments**

- US 18/151 (Madison to Dodgeville)
- US 151 (Columbus to Waupun)
- I-794 Lake Interchange
- WIS 175
- · I-39/90/94
- US 51, Stoughton Road (Madison)
- Blatnik Bridge
- I-94 East/West
- La Crosse Corridor
- I-41 (Brown, Outagamie counties)
- US 51 (Stoughton to McFarland)
- Wisconsin River Bridges



**Top:** I-41/Southbridge Rd. Interchange; **Bottom:** Lone Rock bridges



















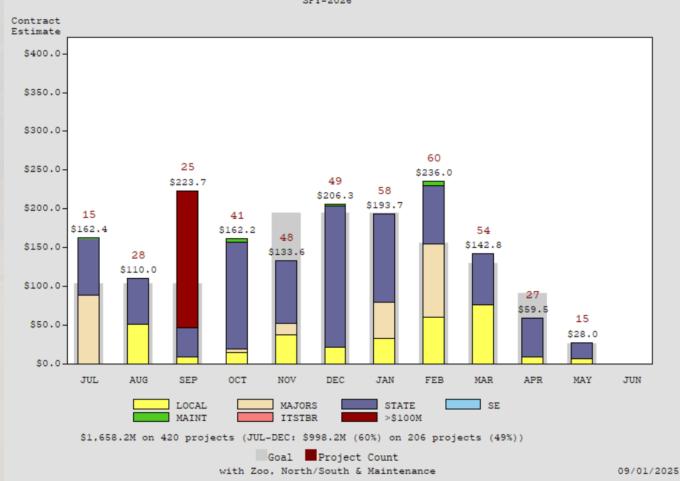




# Program updates

#### Letting Implementation Plan

Millions of Schedule CONTRACT Dollars SFY=2026



# Check out the master contract schedule



wisconsindot.gov/Pages/ doing-bus/contractors/hcci/ mstr-cntrct-sched.aspx













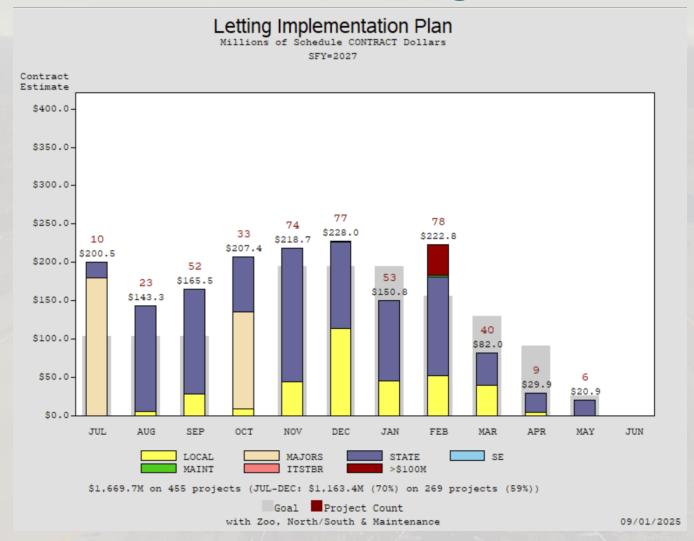








# Program updates



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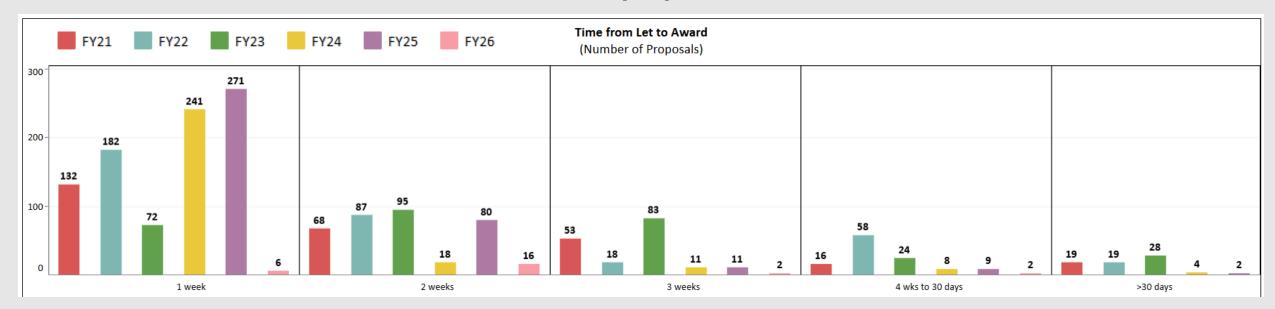






# Program updates Time to award

#### **Overall proposals**



- **FY21** = 13.4 days
- **FY22** = 12.5 days

- **FY23** = 14.5 days
- **FY24** = 8.2 days

- **FY25** = 8.4 days
- FY26 (YTD) = 10.3 days

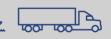














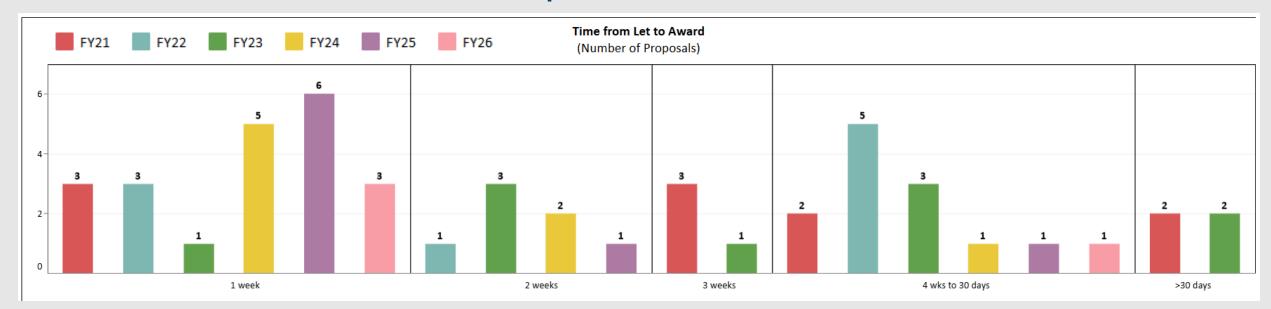




# **Program updates**

## Time to award

#### **Proposals over \$20M**



- **FY21** = 38.8 days
- **FY22** = 16.2 days

- **FY23** = 19.3 days
- **FY24** = 10.3 days

- **FY25** = 9.3 days
- **FY26 (YTD)** = 9.8 days

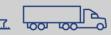


















## **Program updates Utilities**

## **Utility Relocation Law**

- WisDOT Standard Specifications were revised via an ASP-6, effective Jan. 2, 2024
- Allows for delays caused by noncompletion of utility work, identified in the contract, to be a compensable delay.
- Contractors required to provide documentation of the impacts (i.e. contract time and/or compensation) seeking due to a utility delay

- Key takeaways so far:
  - Department and Utility Owners are monitoring schedules more effectively
  - Communication between Department/Utility Facility Owner/Contractor has improved
  - Utility facility owners seem to be more responsive
- Relocation Claims
  - 2024 Four claims; three closed (<\$2,700)
  - 2025 19 claims (as of Sept. 12)



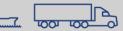


















wisconsindot.gov/designbuild

Program updates **Design-Build** 

• I-90/94 Interchange, Monroe County

- Project includes two structures in the Cranberry Interchange
- Contract awarded
- Completion expected by June 2026

## US 51/WIS 29 Preservation Project, **Marathon County**

- Project includes pavement joint repair and bridge deck polymer overlays
- Construction contract awarded
- Construction start: 2026



 Project includes replacing Crawfish and Rock River bridges and roadway in between

WIS 125, Appleton

- Anticipated release of RFQ: Fall 2025
- Construction: 2026-28





















WIS 130, Lone Rock

# Process improvements Partnerships

### **Technical committees**

- Grading, Landscaping and Sewer (GLS) – SPV and pilot projects involving QMP subgrade, EBS/EBS backfill, excavation waste, asphalt and concrete removal
- Traffic Control –
   working on issues with
   Type II signs and Type
   III barricades;
   subcommittee formed to
   address safety of
   moving work zones
- Construction Contract **Admin Workgroup** (CCAW) - working on drop-off and hazard protection guidance, developing revised CMM 830 material credit guidance, and several spec and CMM updates







## **Process improvements Partnerships**

## e-Bonding

- Updated DT2046 form
  - Began targeted pilot phase in August letting)
  - BPD continuing to expand targeted pilots with the September and October lettings.

## e-Ticketing

- Proposed mandatory on select projects
  - HMA > 30,000 tons
  - Concrete > 20,000 square yards
  - Concrete Structures > 1,300 square yards
- Parameters will continue in 2026 season
- Updates likely in 2027

## **MyWisconsin ID**

- Access many state sites with one name/code
- All apps using WAMS ID will transition
- DTSD goal to complete transition by late 2026
  - Stay tuned for updates











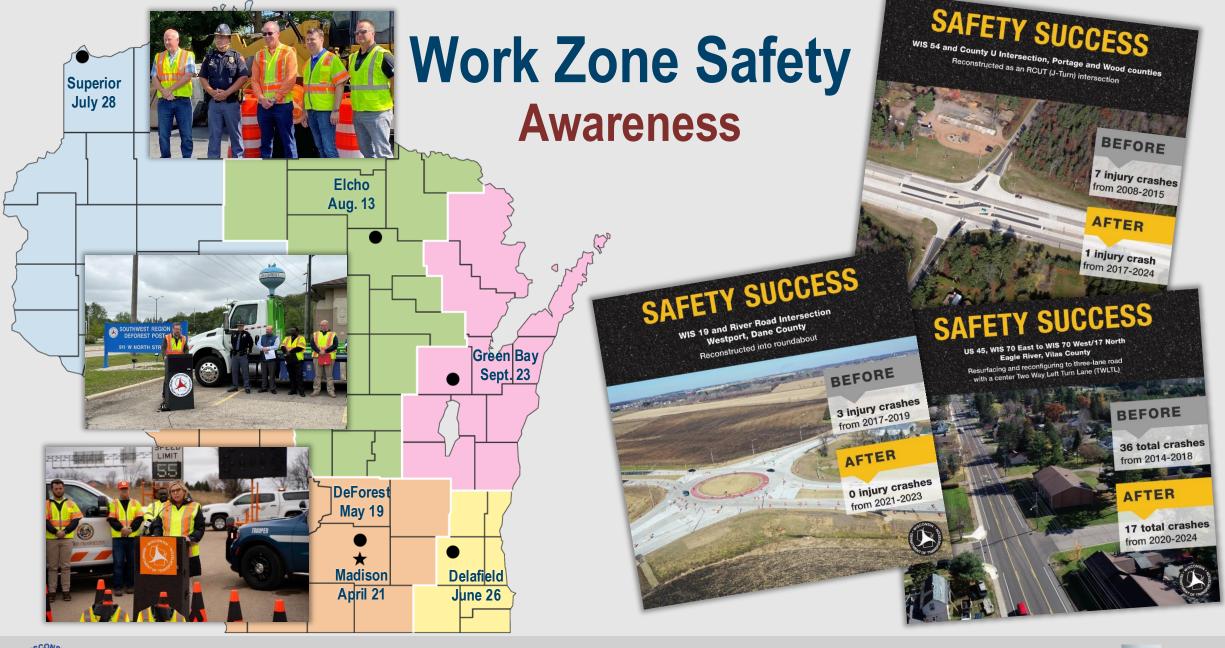


































## **Work Zone Safety Utilities**

- Crews finding/hitting gas lines, fiber-optic cable lines
  - Lines relocated incorrectly, not marked, not identified in the plan
  - We're working to improve how we monitor relocating these lines
  - We're doing more potholing to find utilities
  - When we all work together, we can make things happen!
- WisDOT Utility Coordination Workshop
  - Dec. 16 at Glacier Canyon in Wisconsin Dells















# **Work Zone Safety**

## **Enhanced Safety Training**

Nearly 1,000 DTSD members attended

## **Safety Equipment**

- DTSD upgrading PPE standards for staff throughout this construction season
  - Type 2 helmets; Class III vests





**NEW GEAR** 



Contractors/consultants expected to continue following OSHA guidelines

## **Work Zone Safety Task Force**

- Temporary Traffic Control
  - Ex: I-894 full closure
- New Products and Technology
  - Digital Speed Reduction System (DSRS) will be standard item on projects where workers are within 12 feet of live traffic
- Public Awareness
  - Gas station ads pilot on I-41 project
- Law Enforcement and Speeds
- Training
- Legislation and Statute Changes





















# **Work Zone Safety**

## **Full closures**

## Seven planned this year in Southeast Region

- Significantly improved project timeliness
- Increased safety for construction team
- Allows for echelon paving, which improves longitudinal joints
- Lower labor costs and reduced project delays
- Ultimately saves taxpayers money

























# **Work Zone Safety**

**Mitigation** 

Working together to improve work zone safety on two-lane roads

- Pilot projects coming up
- Law Enforcement (LE)
- Automated Flagger Assistance Device + LE
- Speed Feedback Trailer + LE
- Alert Warning System
- Digital Speed Reduction System + LE
- Connected Arrow Board and Work Zone Location Markers + LE
- Different groups for testing purposes
  - Blue New method Green Mix of new/standard methods

Orange - Control

































