



Division of Transportation System Development Update

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Wisconsin Transportation Builders Association
Madison, WI

Oct. 3, 2024



Today's presentation

- Bipartisan Infrastructure Law
- Projects
- Lettings/award times
- Utilities
- Program updates
- Process improvements
- Workforce development
- Work zone safety



Photo: I-41 expansion, Outagamie County

Delivering investments

wisdot.maps.arcgis.com



US 53



WIS 13

US
51



US 51



US 51



US 8

US 10



WIS 93

US 14



WIS 82



WIS
25



WIS 47



WIS
54

WIS 15



WIS 64



WIS
60



WIS
60



WIS 33



WIS 19



US 51



WIS
16



WIS
20



US 45



I-43



Bipartisan Infrastructure Law

Nov. 15, 2021

BIL is signed into law

Oct. 3, 2024

WTBA meeting

FFY22

FFY23

FFY24

FFY25

FFY26

Delivering investments and looking ahead

- Teamwork (WisDOT, locals, counties, industry) makes a difference
- Adapting to change
- Leveraging innovation to help streamline the process
- Ongoing communication is vitally important – that includes listening
- Connecting people to good, actionable information is critical to success
- Balancing lettings for SFY25-26



Delivering investments

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



Top: Zoo Interchange North Leg; Bottom: WIS 29/CTH VV



Bipartisan Infrastructure Law

We are committed to working with industry and Wisconsin communities to maximize opportunities

- **FFY24 INFRA Grants** – WisDOT received \$8M to rebuild rest area near Sparta (Monroe County); also received \$1.06B jointly with MnDOT to replace Blatnik Bridge
- **FFY23 SS4A Grant** – 13 communities receiving more than \$12M for road safety
- **FFY23 RAISE Grant** – I-41 (Burleigh St. to Silver Spring Dr. in Milwaukee)
- **FFY22 MPDG Grant** – Wisconsin River Bridges
- **FFY22 SMART Grant** – WisDOT received two federal grants to develop innovations to enhance work zone safety in Wisconsin (ATMA and WZDx)
- **FFY22 Bridge Investment Program** – City of Madison receiving \$15.1M for the John Nolen Drive bridges

[Federal Discretionary Grant Awards Dashboard \(arcgis.com\)](https://arcgis.com)

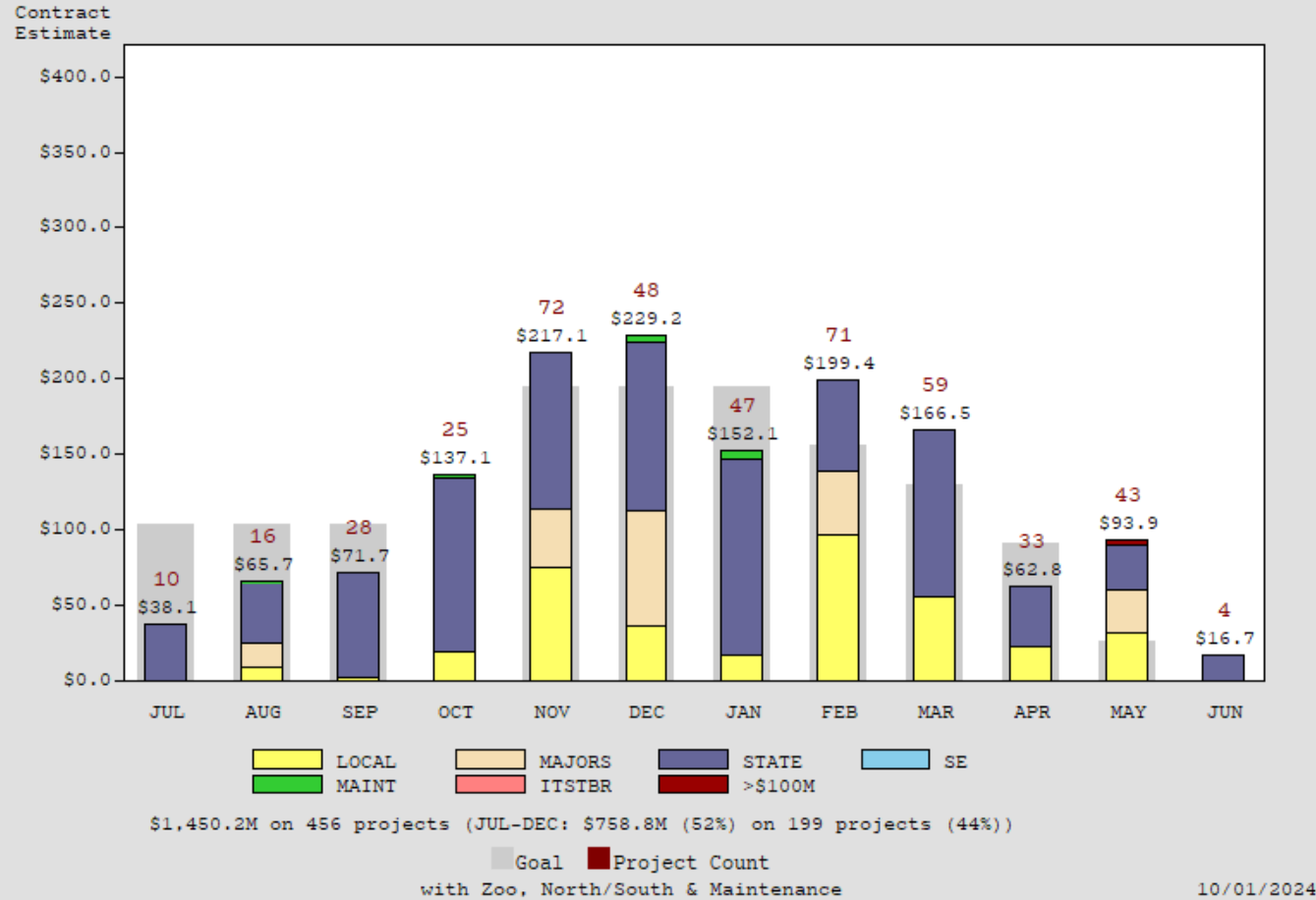
wisconsindot.gov/BIL



Program updates

Letting Implementation Plan

Millions of Schedule CONTRACT Dollars
SFY=2025

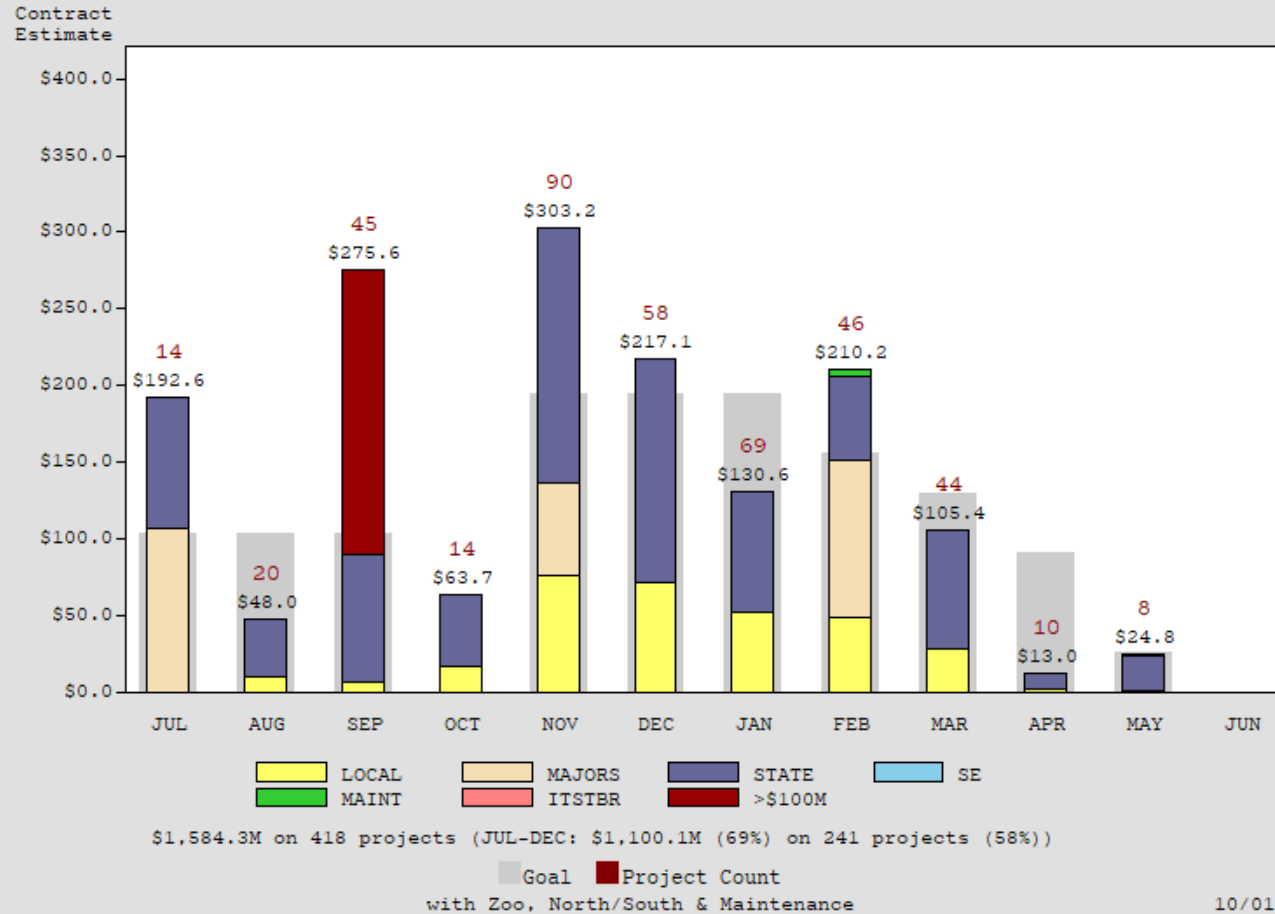


Program updates

Letting Implementation Plan

Millions of Schedule CONTRACT Dollars

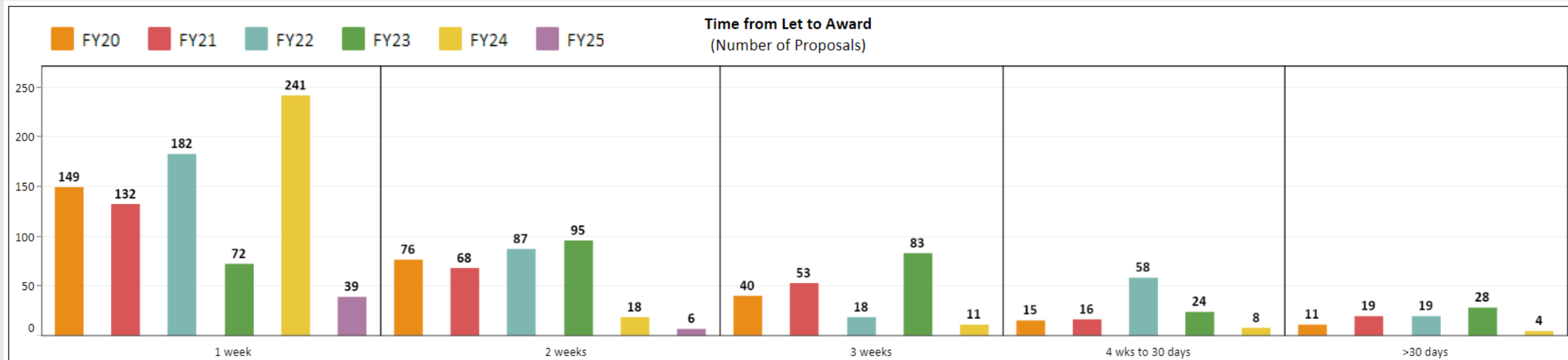
SFY=2026



Program updates

Time to award

Overall proposals



- FY20 = 9.9 days
- FY21 = 13.4 days

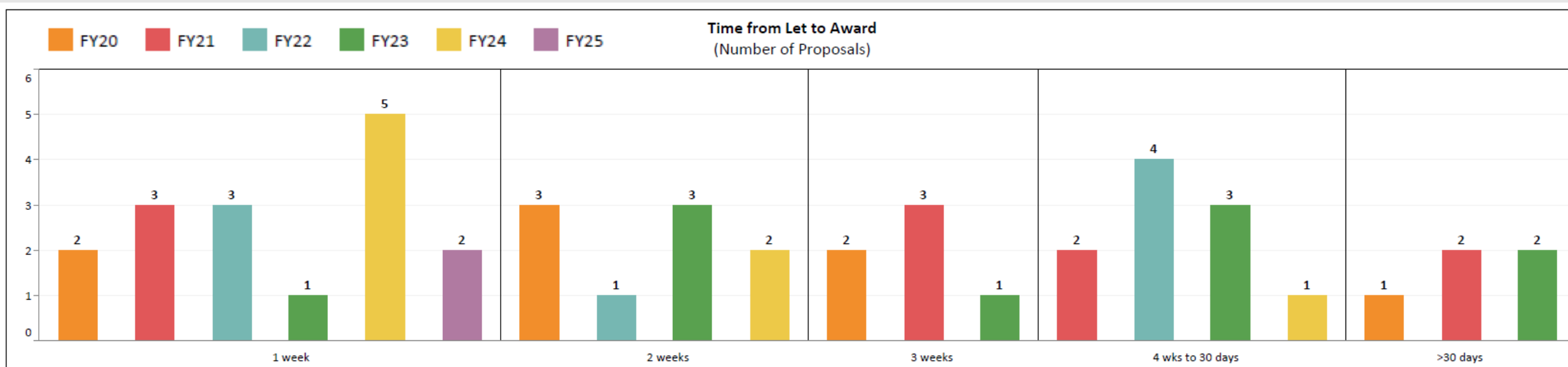
- FY22 = 12.5 days
- FY23 = 14.5 days

- FY24 = 8.2 days
- FY25 (YTD) = 7.3 days

Program updates

Time to award

Proposals over \$20M



- FY20 = 14.5 days
- FY21 = 38.8 days

- FY22 = 15.4 days
- FY23 = 19.3 days

- FY24 = 10.3 days
- FY25 (YTD) = 7.0 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 non-completion 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.
 - Follow Diggers Hotline timeline requirements for utility locates.



Program updates

Utilities

Utility Accommodation Policy

- HMM 09-15-45, section 7-7.3
- 3D Committee formed in December 2023; has met four times, including late Sept.
- Group focused on seeking accuracy, maintaining safety and avoiding utility conflicts, all while not forcing contractors to purchase more advanced equipment immediately

Revised Utility Worksheet (DT2236)

- Five projects included in pilot
- Project plan transmittals went out Jan-April
- Expect full implementation by Jan. 1, 2025

Diggers Hotline Advisory Board

- Wisconsin Damage Prevention Council (WI-DPC) includes three subcommittees

STIC Grant/Utility Monitoring

- Followed six Local Program projects and developed final guidance



Program updates

Design-Build



WIS 125

Appleton, Outagamie County (NER)



WIS 130

Lone Rock, Richland County (SWR)

wisconsindot.gov/designbuild



Program updates

Design-Build

- **US 51/WIS 29 Preservation Project, Marathon County**
 - Project includes pavement joint repair and bridge deck polymer overlays
 - Anticipated release of RFQ: Spring 2025
 - Potential construction start: 2026 season
- **I-90/94 Interchange, Monroe County**
 - Project includes two structures in the Cranberry Interchange
 - Anticipated release of RFQ: Early 2025
- **I-94 bridge replacement, Jefferson County**
 - Project includes replacing Crawfish and Rock River bridges and roadway in between
 - Anticipated release of RFQ: Early 2026

wisconsindot.gov/designbuild



Process improvements

Partnerships

Technical committees

- **Grading, Landscaping and Sewer (GLS)** – developing task force to study excavation-related topics and develop specification language
- **Aggregate** – working on a specification re-organization and implementing statewide freeze/thaw testing
- **Concrete** – working on specification re-organization and updating the APL process
- **Traffic Control** – developing a performance specification for temporary paint and epoxy and reviewing contractor feedback on digital speed reduction systems

Process improvements

Partnerships

e-Finals

- Construction project files are stored electronically in the cloud

e-Bonding

- Updating our DT2046 form
 - Working to streamline witness signatures
 - Potential for some pilot project lettings in early 2025

e-Ticketing

- 2024 – Standard Specifications updated
 - Standard Spec 109.1.4.3 – Allows electronic load tickets in place of printed load tickets.
 - We continue to gather feedback from engineers and contractors.
- 2025 – Proposed mandatory on select projects
 - HMA > 30,000 tons
 - Concrete > 20,000 square yards
 - Concrete Structures > 1,300 square yards
- 2026 – Mandatory for all projects*

Investing in Wisconsin Developing a workforce

- Opportunities and challenges
 - Prioritizing what's important
 - Safety training led by DBM, UWP
 - Leveraging resources effectively
 - Retaining/recruiting talent
 - Career fairs, social media, jobsites, interactive website
 - Training and development
- Program delivery is core to all we do





Investing in Wisconsin HCST

The goal is to create a good pipeline of skilled workers for our contractors

- Participants undergo **120 hours of training** with experts in the transportation construction field.
- The program creates a potential **savings for contractors** on screening, recruiting and training.
- Contractors that use HCST-trained workers in WisDOT work zones become eligible for **potential reimbursements** under ASP-1.

More than **1,000 graduates** have been hired

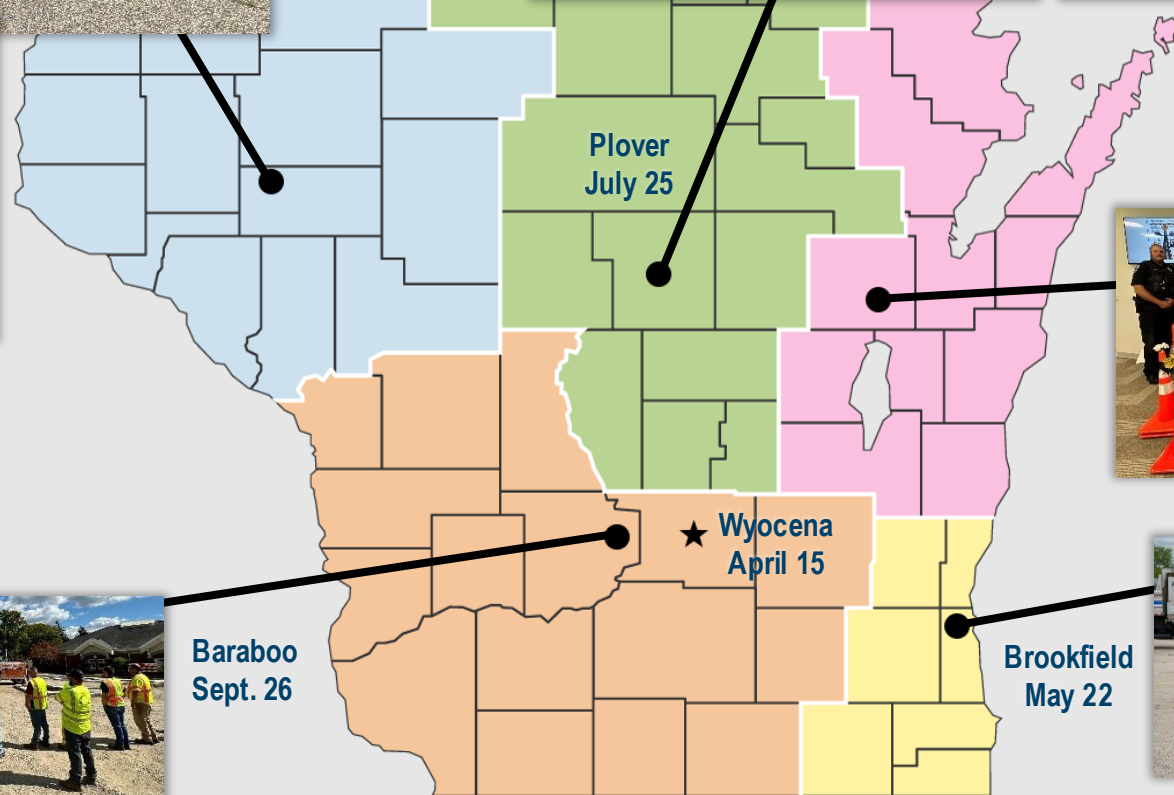
- That includes 165 grads last year

wisconsindot.gov/HCST



Work Zone Safety | 2024 Awareness Events

Eau Claire
June 11

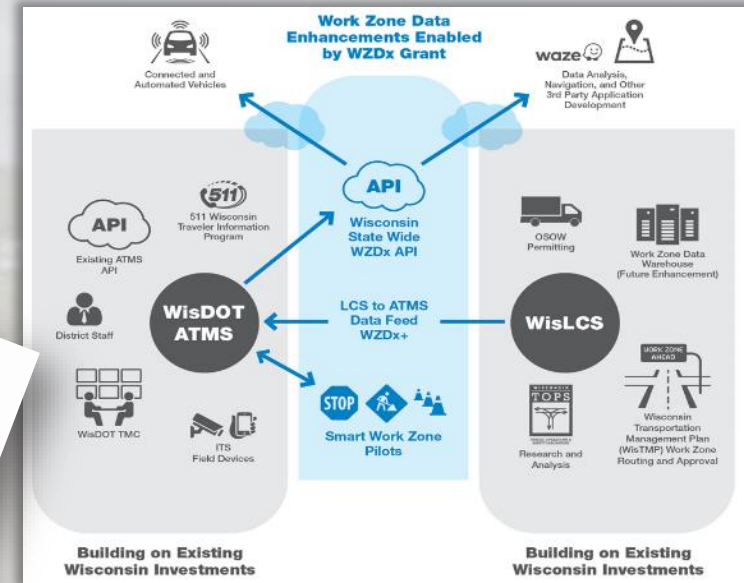
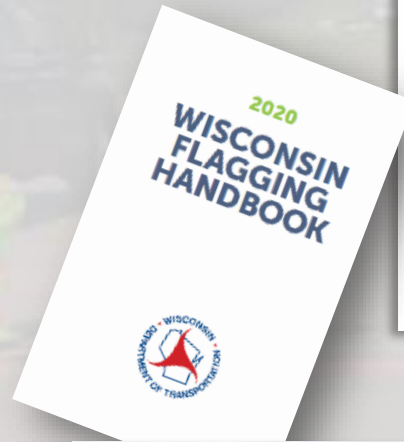


Appleton
Aug. 15



Work Zone Safety

- Autonomous Truck Mounted Attenuators (ATMA)
- Advanced Warning System
- Work Zone Data Exchange (WZDx)
- Temporary Rumble Strips
- Work Zone Flagging Certification
- Smart Work Zone Devices





Thank you!

Rebecca Burkel – DTSD Administrator
WTBA – Oct. 3, 2024

