

Work Zone Updates

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WTBA Contractor-Engineer Conference
Wisconsin Dells, WI

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Overview

- Work Zone Crashes
- Work Zone Safety Task Force
- Work Zone Inspections



Total Number of WZ Crashes/Year

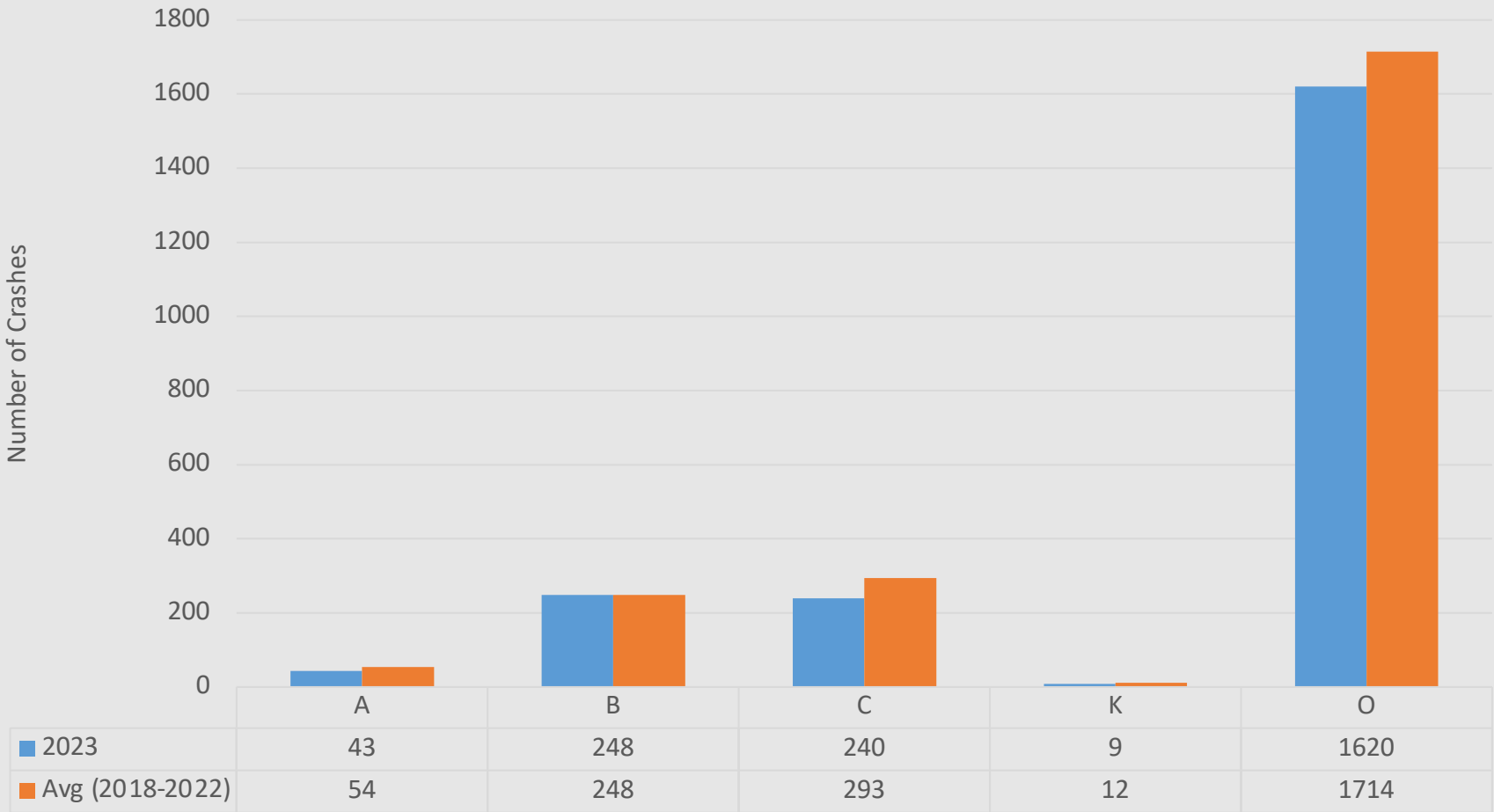


Year	Total
2018	3,157
2019	2,473
2020	1,794
2021	2,172
2022	2,013
2023	2,160
Total	13,769

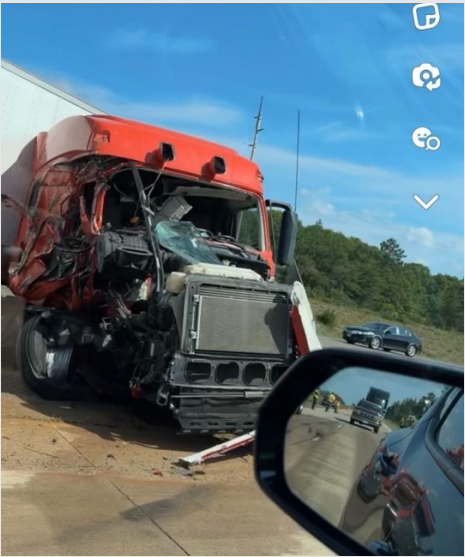


*2023 Data is Preliminary. Data does not include parking lot or private property crashes.

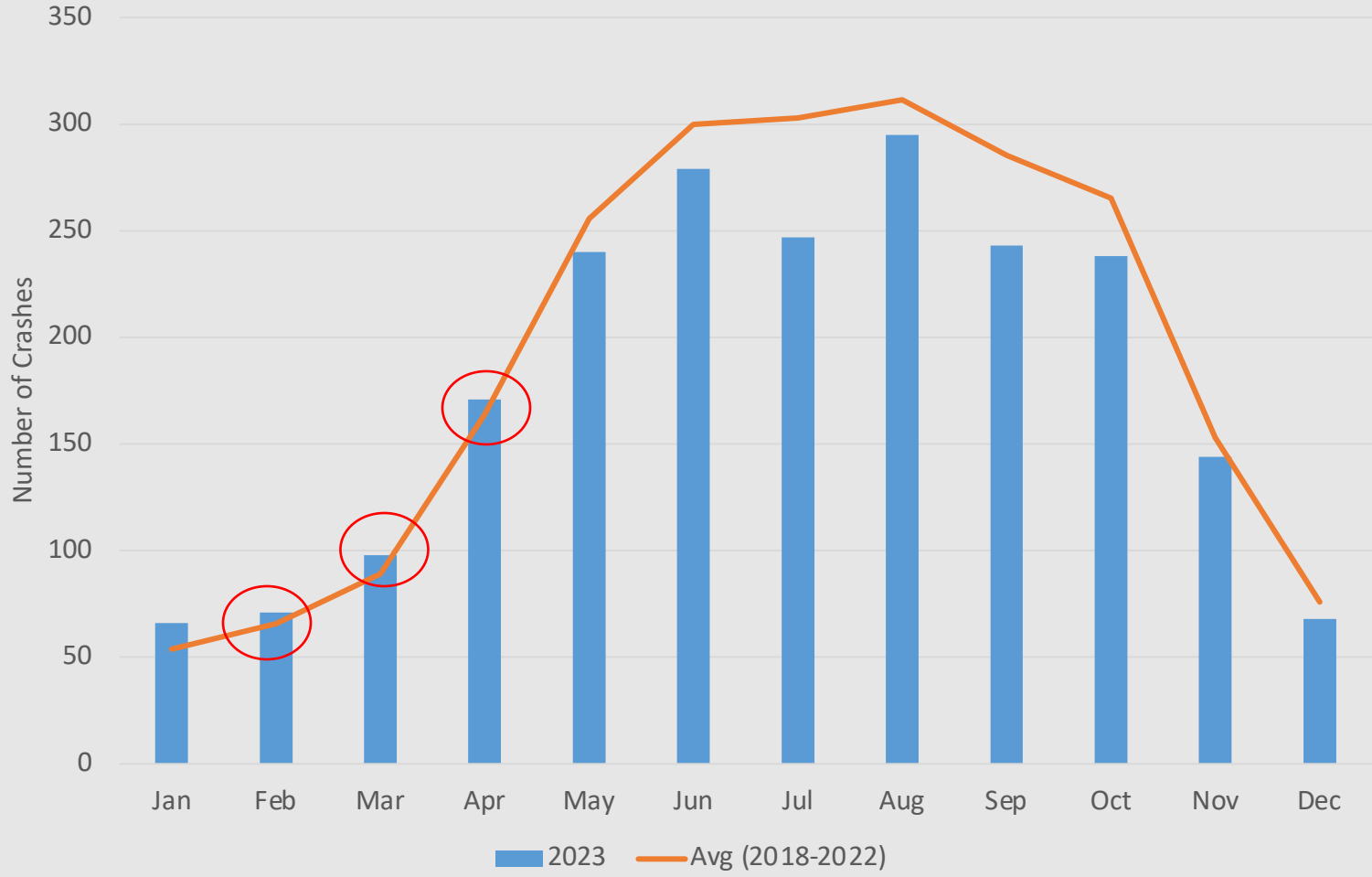
2023 WZ Crash Severity



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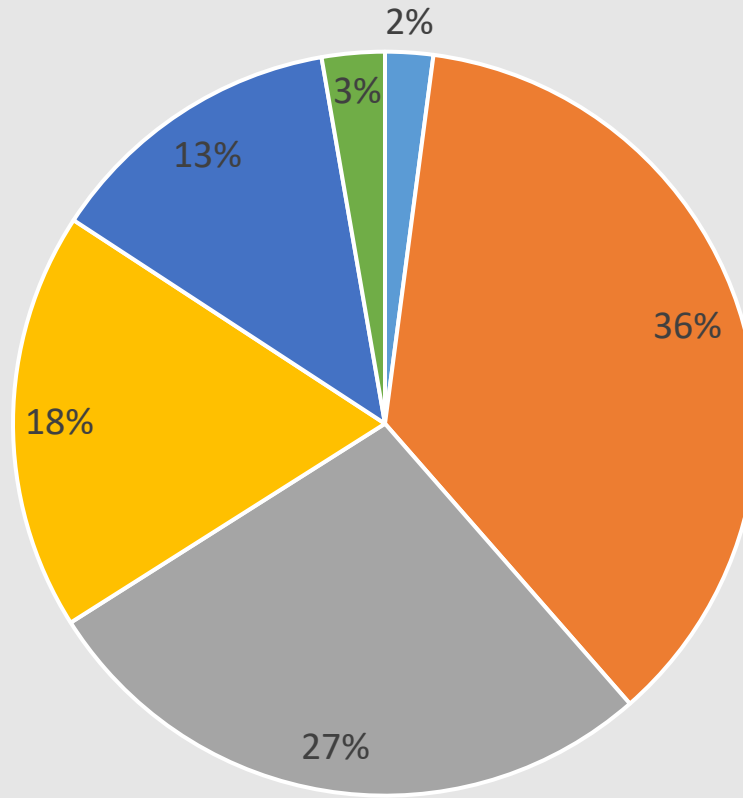


2023 WZ Crashes by Month



*2023 Data is Preliminary. Data does not include parking lot or private property crashes.

2023 WZ Crashes by Manner of Collision



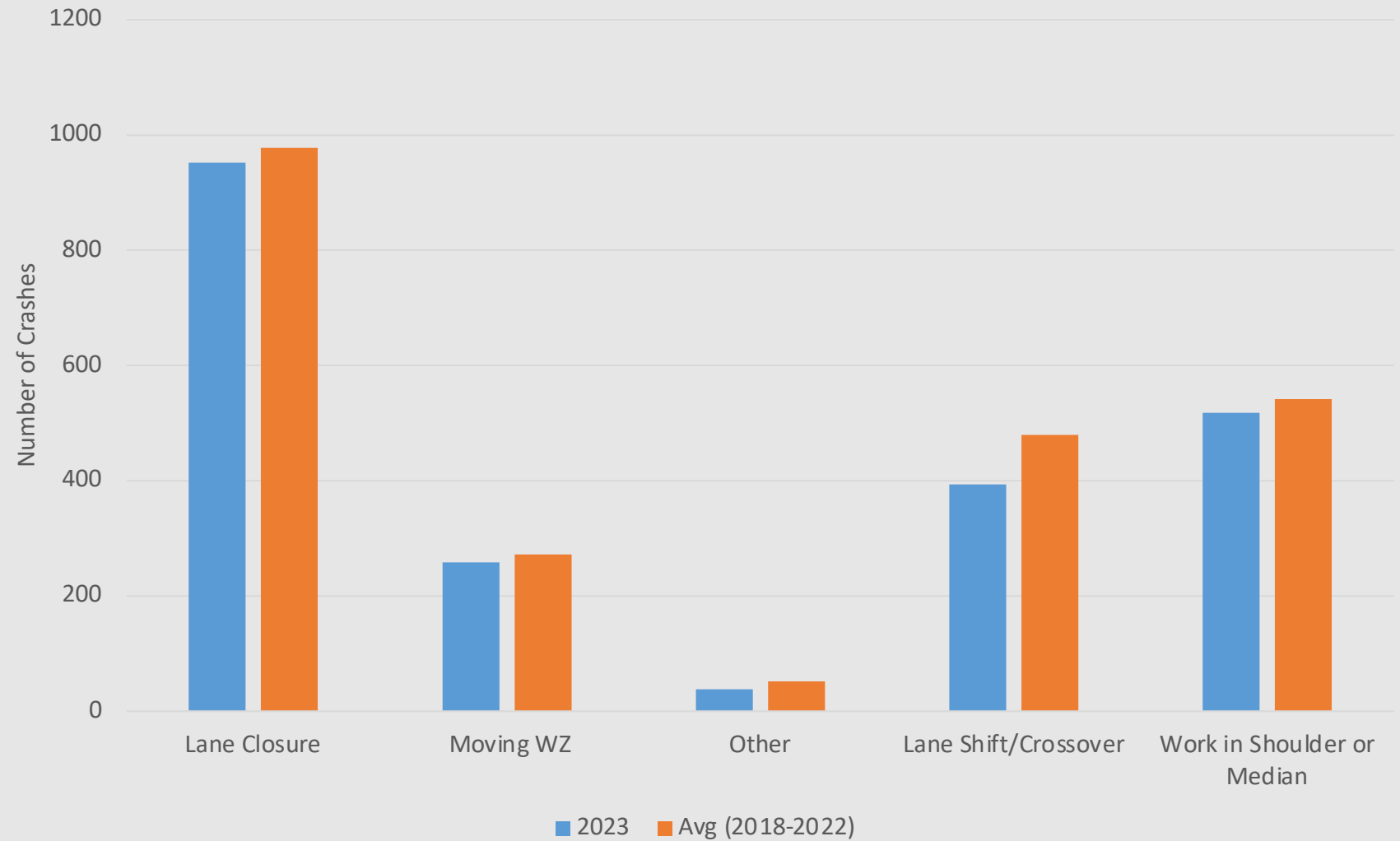
Manner of Collision	17'-22'Avg
Rear-end	38%
No Collision	28%
Angle	14%
Sideswipe Same	15%
Other	3%
Head-On	2%

■ Head On
 ■ Rear-End
 ■ No Collision
 ■ Angle
 ■ Side-Swipe Same
 ■ Other

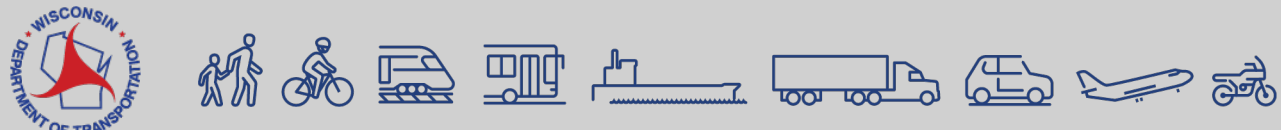
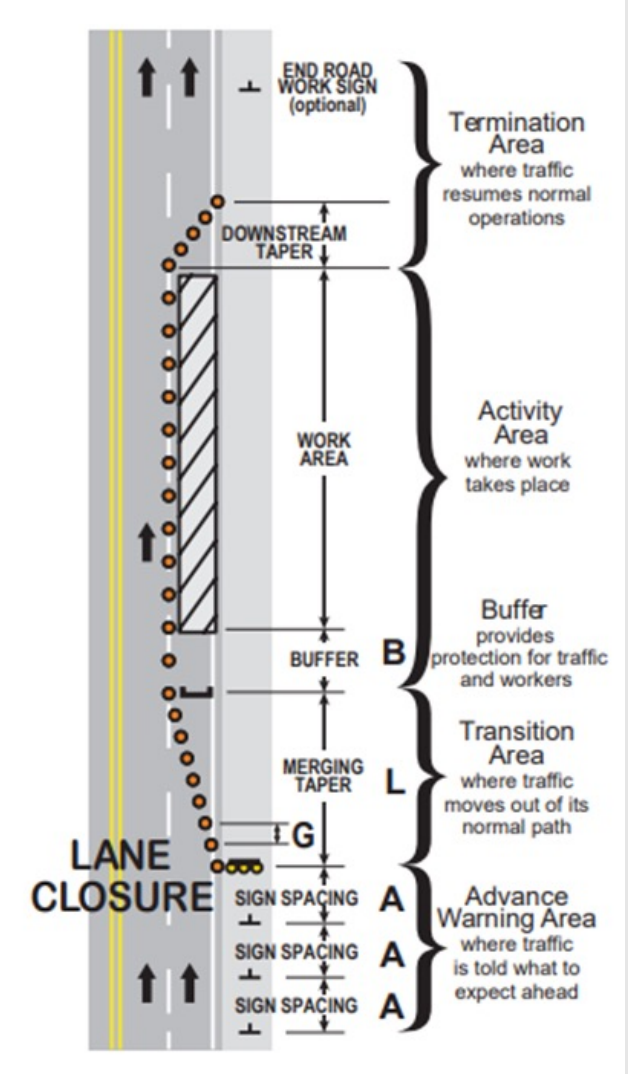
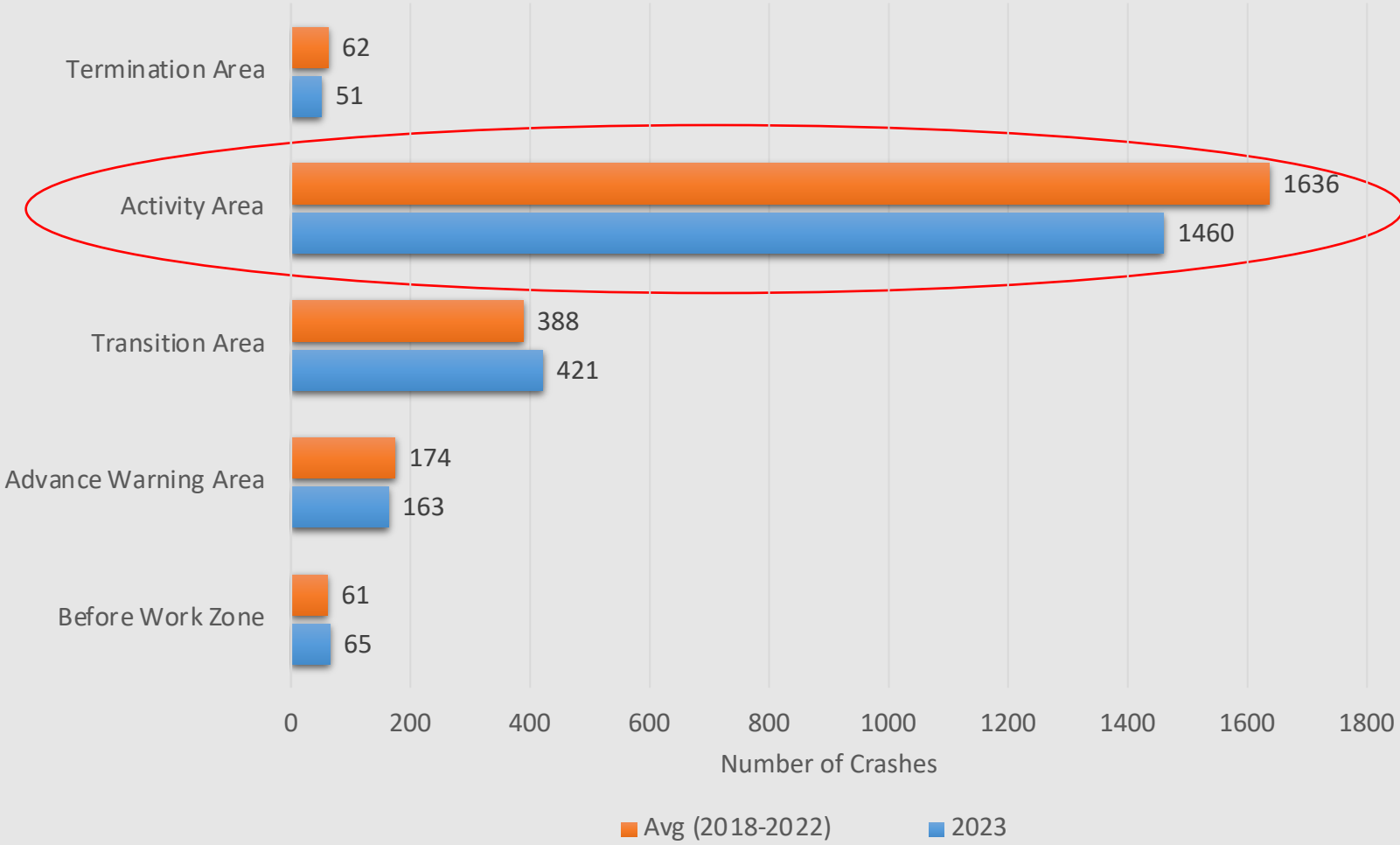


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2023 WZ by Type

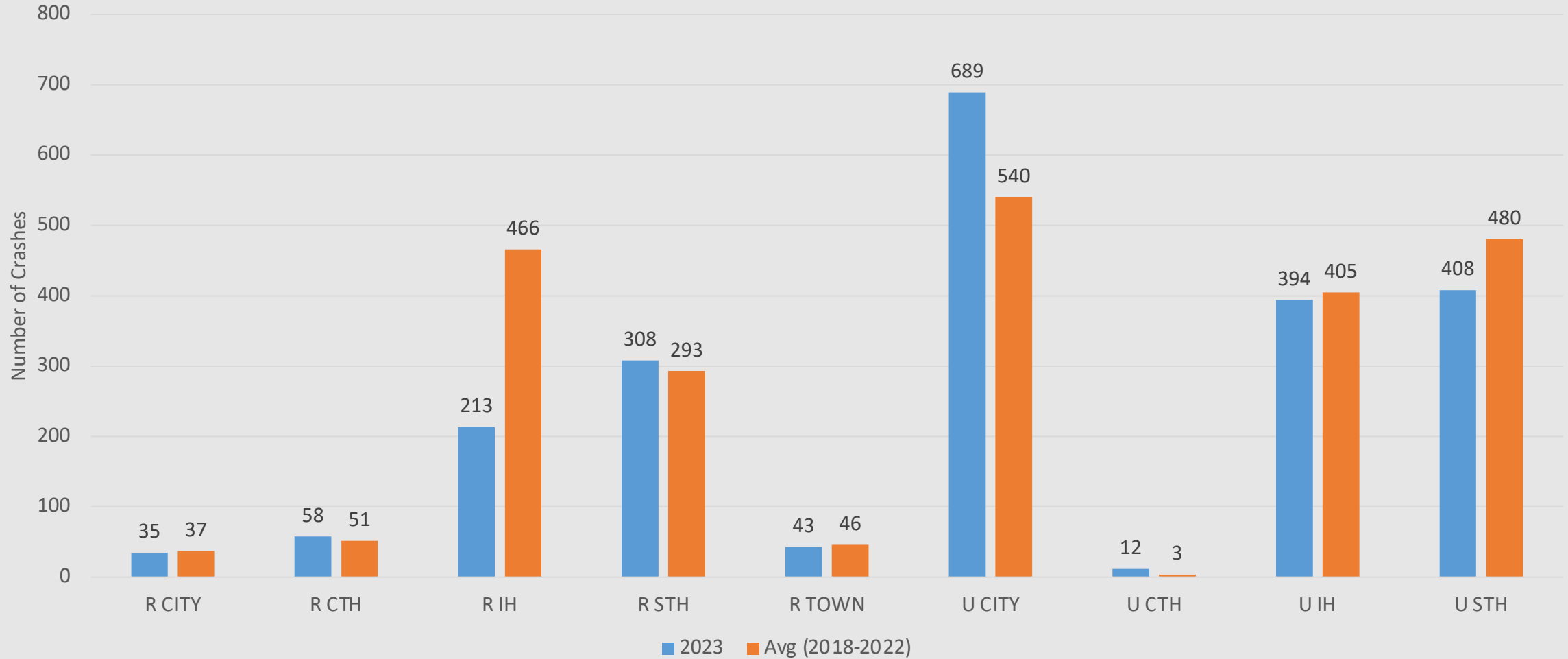


2023 WZ Crashes by Location



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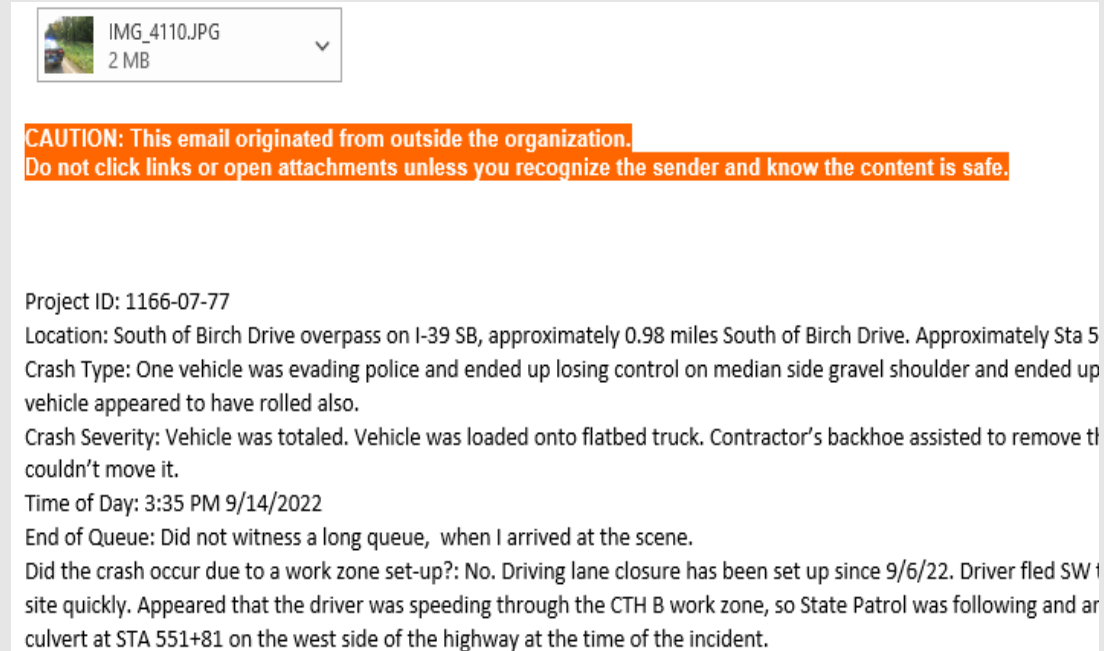
2023 WZ Crashes by Roadway Type



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REMINDER: Reporting WZ Crashes

- Send Work Zone Crash Information to BTO: DOTWorkZoneCrashes@dot.wi.gov
- Document information about the crash:
 - Project ID
 - Location
 - Crash Type
 - Crash Severity
 - Time of Day
 - Was there a queue at the time of crash?
 - Did the crash occur due to work zone set-up?
 - Pictures



Work Zone Safety Task Force

- What is the purpose of the WZ Safety Task Force?
 - Discuss work zone safety issues
 - Develop and brainstorm ideas to improve work zone safety
- What is the goal of the WZ Safety Task Force?
 - Review current standards and policies
 - Research and Pilot new innovative technologies
 - Promote work zone safety statewide
- Stakeholder Involvement
 - WisDOT, DSP, WTBA, WCHA, Academia, FHWA, Utilities, First Responders, Traffic Control Contractors



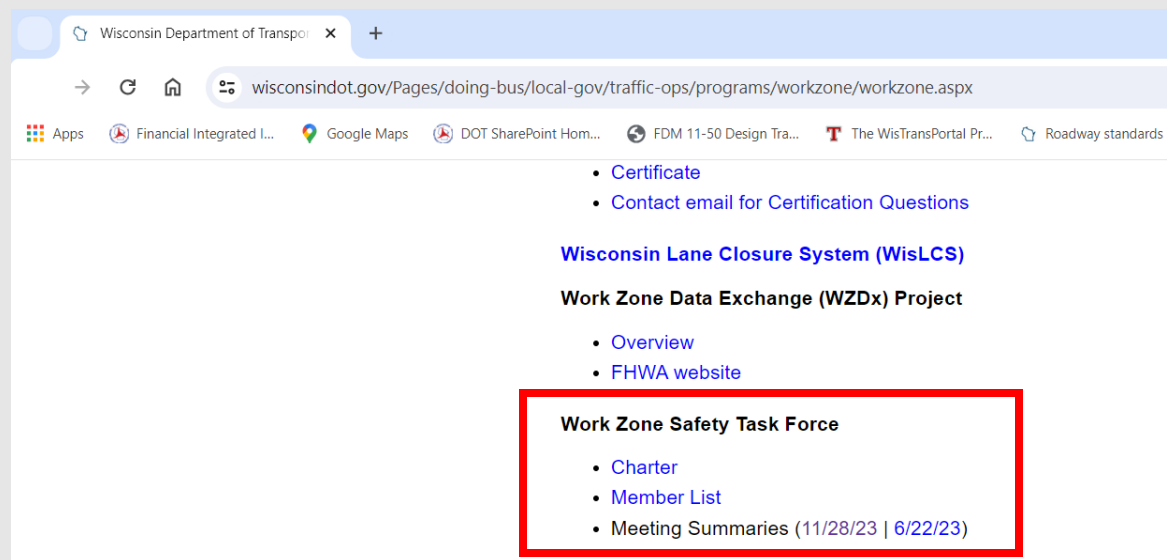
WZ Safety Task Force Past Meetings

- Kick Off Meeting Held in June 2023
 - 60+ in attendance, virtually
 - Intro to the WZSTF
 - Breakout Sessions to hear what the biggest concerns were in WZ
 - Discussion of possible sub-task force groups
- November Meeting 2023
 - Report out from Sub-Task Force Groups
 - Update on WisDOT initiatives



WZ Safety Task Force Information

- All WZSTF meeting information, minutes, charter and members can be found on the WisDOT Website:
 - <https://wisconsindot.gov/Pages/doing-bus/local-gov/traffic-ops/programs/workzone/workzone.aspx>



WZSTF Sub-Task Force Groups

- New Products and Technology

- How to advance traveler information through technology, mobile barrier truck, speed management, WZDx, connected devices

- Education, Public Awareness and Social Media

- Increased awareness of construction projects, materials for drivers ed courses, coordination with media, gas station displays, working with neighboring states for consistent messaging

- Training

- Issues that need to be addressed, best way to get the word out to the correct people



WZSTF Sub-Task Force Groups

• Legislation and Statute Changes

- Bills introduced: 30 min of work zones in drivers ed curriculum and use of cameras in work zones (not speed safety cameras)
- Future Discussion: Flagger Law (similar to school bus driver law) and Speed Safety Cameras

• Temporary Traffic Control

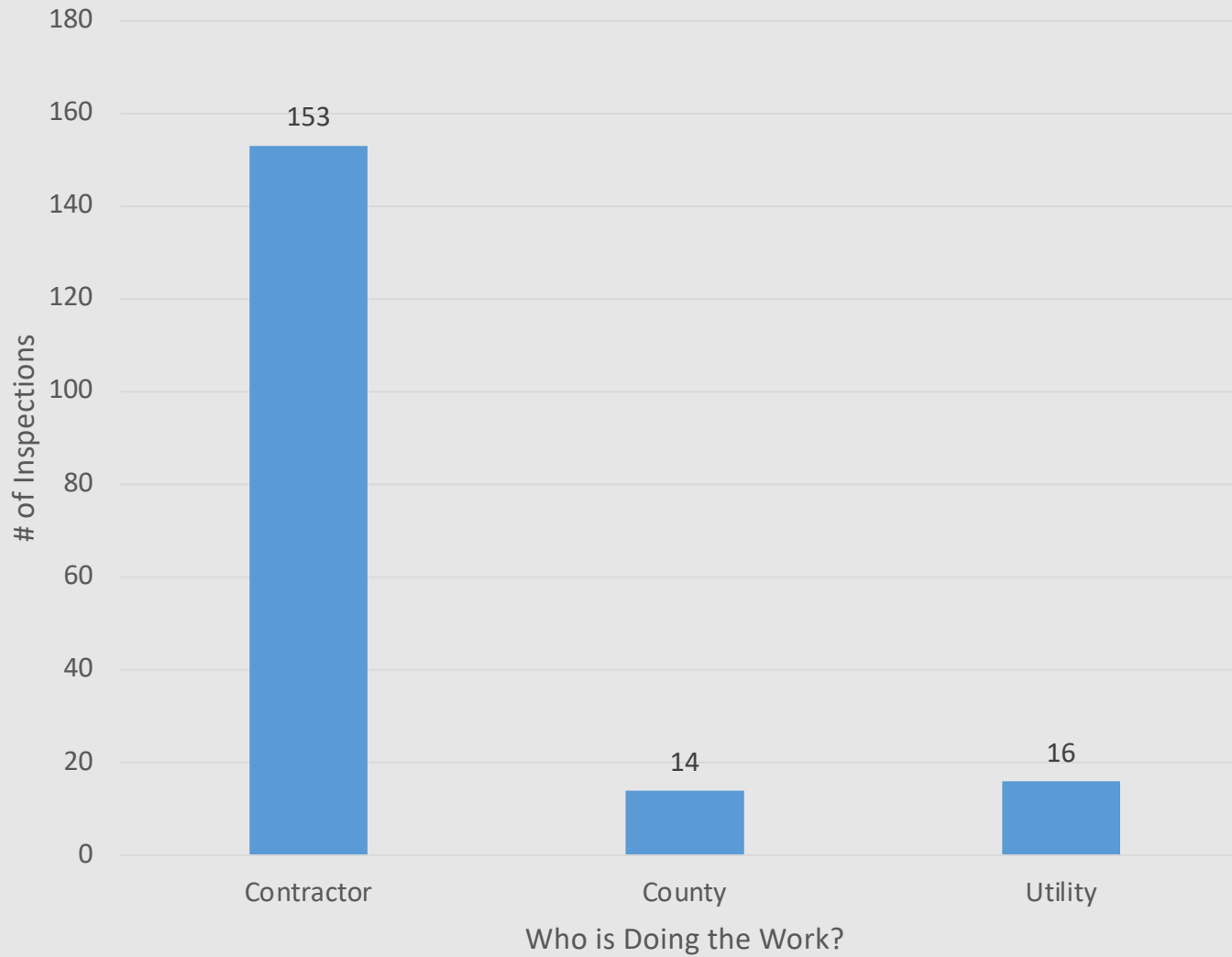
- Top 3 objectives: Bike and Ped accommodations in WZ, Traffic Control Design – improved worker protection and minimizing traffic flow through WZ and duration of WZ

• Law Enforcement and Speeds

- Top 4 Objectives: Speeding within WZ's, Driver Behavior, Law Enforcement and Research & Outreach



2023 WZ Inspections



• 183 Total Work Zone Inspections



Clear Zone

- Material storage
- Equipment storage
- Concrete Barrier Temporary Precast



Buffer Space

- Do not
 - Work within
 - Park vehicles within
 - Park equipment within
 - Store material within
- Separates road user flow from work space or an unsafe area
- Recovery space for errant vehicle



Temporary Pedestrian Accommodations

- Installation
- Make sure pathways are clear and have minimum 4 foot width
- Reestablished disturbed accommodations as soon as possible
- Don't park equipment/material on open sidewalk



High Visibility Apparel

- **Required by WMUTCD Section 6D.03**

- **State Statute 84.02(4)(e)**

- **Spec. 107.1(2) Laws to be Observed**

“...Take all other actions reasonably necessary to protect the life and health of employees on the project and the safety of the public”

- **Spec. 107.9 Contractors Use of the Highway Right-of-Way**

“The department has sole authority to grant the contractor permission to occupy and use the right-of-way. All activity within the right-of-way is subject to the engineer’s approval.”



2024 Work Zone Awareness Week (April 15th-19th)



April
17th

GO ORANGE DAY



Thank you

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