

Location: Teams
Date: October 19, 2023
Time: 10:30 a.m. to 12:00 p.m.
Subject: Work Zone Council Meeting

Purpose of Meeting:

The purpose of the Work Zone Council is to provide overarching leadership and direction of work zone activities throughout the state. The activities of the Council will promote establishing principles of improving mobility and safety impacts created by work zones, improve communication and coordination of these efforts, and foster innovation and participation by field operations personnel.

Agenda Items:

Welcome

Brian Worrel

- Review of purpose of WZ Council
- Good place to connect and become involved.

Opening Comments

David Lorenzen, Charlie Purcell

- I-80 issues on WZ

Highlighted Topics:

Work Zone Crash Summary Report (ICAT)

Brian Worrel

- 204 crashes - July 20 to date.
- 4 with fatal 7 fatalities; most recent on I-80 Dallas Co (4DA)

VR Work Zone Inspection & Flagger Training, December 4

Brian Worrel

- University of Missouri running two training courses on the 4th. Brian is scheduling demonstrations in AM and PM with field staff.
- Materials E/W conference room

Work Zone Information Sharing Workshop, December 5-6

Brian Worrel

- Agenda almost full; looking for a few more panel speakers.
- Univ of Missouri, Iowa State Patrol
- Registration goes out next week; capped attendance.

Work Zone CMF Workshop, December 7-8

Dan Sprengeler

- Thursday & Friday – invitations sent, please RSVP.

Work Zone Extra Enforcement - MVE Transition

Brian Worrel, David Lorenzen

- Working on budget for funding:

IDed funding for central maintenance, \$150K is estimated and available. Tony G approved, need to establish procedures (John and Mo). Contractor work zones – replace the existing process, 90-95% complete will be ready of CY 2024. A two-pronged approach, dedicated to project and roaming and use of aerial enforcement.

Work Zone Council Group Updates:

Work Zone Safety Committee

Dan Sprengeler

- Improving layouts for maintenance.
- Bad crashes with setting up traffic control, use mobile with shadow vehicle (TMA), ATSSA members have issues with this and need to work out details.
- Bid items for TMAs on projects.
- Temporary traffic control for bridge inspections, daytime required.
- Long term rumble strips deployment
- At grade crossing on head-to-head projects. Designing temporary roundabouts.

Maintenance Work Zone Sub-Committee

Mo Mohamed

- Working on Appendix A, getting maintenance issues updated.
- JJ: check in with Mo and Jason on past comments.

Work Zone Management and Traffic Operations Committee

Tim Simodynes, Wes Musgrove

- Meeting on Monday.
- Intelligent Work Zones Team
 - 25 active; performing project check-ins for end dates or winter ops relocations.
 - In The City of Coralville On I-380 I-80/380/US 218 Interchange near Iowa City (TCP ID 6w)has been deployed since 2017.
- Lane Closure System Team
 - LRS mapping was updated to mile markers & graphical lanes closed was updated to be more user friendly.
- Work Zone Training Team
 - On schedule: This winter is funded and coordinate with LTAP.
- Lane Closure Planning Tool Team
 - Data quality & sensor updates are in progress:
 - Replacing old sensors, 150 estimated.
 - Daily reset on all sensors

Mark Van Dyke, Courtney Falero

Willy Sorenson, Tim Simodynes

Dan Sprengeler

Willy Sorenson

- Enhancement being developed – if a sensor is not registering truck data, they are able to manually load data.
- Work Zone Mitigation Team Willy Sorenson
 - Dallas County & Ottumwa are current focus.
 - Collaboration with design and getting involved in the concept phase.
 - Maintenance Safety Task Force Jason Fisher
 - No update
 - Work Zone Process Review Team Dan Sprengeler, Brian Worrel
 - Project reviews last two weeks
 - FHWA changing to a five-year submittal; Iowa would like to stick to a 2-year submittal.
 - Work Zone Speed Management Task Force Dan Sprengeler
 - Looking at work zone speeds for safety of drivers and workers.
 - Looking at advisory speeds and what other state are doing.
 - Variable speeds limits: Put together a visual of the different types of 'variable' speed limit options. Variable vs dynamic, vs advisory. – SRF.
 - Long-Term Temporary Rumble Strips Task Force Brian Worrel
 - Exploring rumble strip products: Taped adhesive products, temp strips in advance of flagger or temp signal operations.
 - 10-12 members to explore types of products, deployment strategies.
 - Kickoff meeting mid-November.
 - Emergency Pull Off Guidance Andy Swisher
 - Looking into what other states are doing to develop guidance for Iowa.

Districts:

- Scott Schram: Speed management in work zones, we should monitor the effects they have, do the impacts fade over time? Rumble strips: will likely not have an impact on trucks.
- Dave Lorenzen: Truckers are saying TBR is blending into the road; is there anyway we can make these more visible but still complies with MUTCD? JJ: Pavement markings and reflectors talk to Dan

- The goal should be to get traffic where we want it before they hit the TBR at least with drums.
- Should we reach out to motor vehicle to attend/speak at the Info sharing workshop? Brian is working on it; looking for a contact – Dave L will help. He also has some thoughts on the 30 minutes of open time during the workshop.
- Task force for motor vehicle (trucking)
- Jim Nelson: written protocol for under bridge inspection vehicles is now available, Bridge will be providing the 2024 list of upcoming bridge inspection to DMMs. Will be coordinating with Maintenance for closures as needed. Study starting at the end of this month on 2-lane bridge replacement.

Open Floor

Central Office:

Charlie: Dallas county update:

- I-80 Dallas Co (4DA)

Scott Schram: two work zones in Dallas County Raccoon River Bridge east of De Soto, and one at Jordan Creek/Grand Prairie

- Rumble strips, removed pavement markings, sun glares, they are doing a bit overlay to clean up the scarring. Placed some arial markings to help with speed enforcement, lowered the speed limit (was designed at 70 mph). installed speed feedback signs, high speed rumble strips, in the process of deploying pi-lit on the project or curved chevron signs with LEDES. Met with city of West Des Moines about closing ramps.

MoDOT – Buckle up phone down day 10/25/23

Adjourn

Future Meetings:

January 18, 2024

April 18, 2024

July 18, 2024