

Key Takeaways and Actions

Location: Teams
Date: April 20, 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

Dave Lorenzen

- Wejo data purchased and rolled up for various uses. TIM meeting focused on this 7M data points per hour.
- Eyes on work zone so we can react and make changes vs having after action meetings.

Charlie Purcell

- Great opportunity to leverage data to manage work zones.
- Charlie is challenging groups to give advise. How do we help our folks on the ground, are the RCEs dialed in to the EINs.

Bob Younie

- Need to start using this now. i.e. rapid deceleration (hard braking).

ACTION: Need to understand what is needed by field operations. **WZMTO meeting discussion topic.**

Highlighted Topics:

Work Zone Information Sharing Workshop

Brian Worrel

- December 5-6, 2023. Gateway Hotel
- Save the date, put a hold on your calendar
- Reach out to Brian or Dan for needs for the workshop.
- Target audience design, maintenance, construction field operations. Intent is for CO to hear from field staff and incorporate contractor perspectives.

Capability Maturity Framework Workshop

Dan Sprengeler

- December 7-8, 2023. DOT E/W Materials Conference Room
- Following the Information Sharing Workshop

Worker Safety Initiative Update

- Pi-lit sequential lights being deployed in each district.
- Using cameras to look at how the public reacts to these deployments.

Sinclair Stolle,
Mitch Wood

Flagger Training Materials

- Working with strategic communications to update an online product, manuals and videos to improve access and reduce cost.

Brian Worrel

Trained Traffic Control Technician Update

- Only had to issue two extensions based on being enrolled within 6 months.
- Looking into staggered trainings so everyone does not expire at the same 5 year mark.

Brian Worrel

Work Zone Council Group Updates:

Work Zone Safety Committee

- Investigating requiring flagging for more than 2 hours requires an AFAD and connecting them with WZDx.
- Submitting specification for updating sheeting to ASTM specifications.
- Writing specifications for CPTS goal to be online in 2025 deployment, need to include discussion with maintenance. Submitting spec on Monday so starting in October vendors will have the spec.
- How to bid for TMAs is being discussed and call out separately rather than lump sum.

Dan Sprengeler

Maintenance Work Zone Safety Sub-Committee

Mohamed
Mohamed

Work Zone Management and Traffic Operations Committee

Tim Simodynes,
Wes Musgrove

Intelligent Work Zones Team

- 46 TCP, 24 Active projects
- Queue corridors back in Open TMS,
- Moved to 1-minute data.
- See how many of our active work zones have associated SAB showing up.

Mark Van Dyke,
Cortney Falero

Lane Closure Systems Team

- Met with maintenance and they have identified four additional maintenance workers to test out the new system.
- Moving into user acceptance testing in the next three weeks
- Going to roll out to a few maintenance shops for them to test further.
- Then moving to construction and third party.

Willy Sorenson,
Tim Simodynes

Work Zone Training Team

- Held winter training.
- Had quite a few weather impacts that impacted the schedule.
- Meeting with LTAP to get final report.

Dan Sprengeler

ACTION: Need to discuss what other WZM is needed for new employees, casual employees, etc.

Lane Closure Planning Tool Team

Willy Sorenson

- Too much bad data.
- Changing to one minute data and a few other updates have improved data for us.

Work Zone Mitigation Team

Willy Sorenson

- Haven't held meeting in 3-4 months for project reviews.
- Nicole Oneyear is new FHWA representative
- Andy Swisher is new District 1 TSMO engineer

ACTION: Update Membership List and Invitation Lists

- Updating the TCP checklist -potentially removing the checklist.
- TSMO efforts for Work Zones
 - Narrow Bridge (complete)
 - User costs to aid in making decisions on when which traffic control (i.e. detour/not detour) and defining criteria needed.
 - Median cross over location and schedule.
 - Paved shoulder.
- Dan, Willy and Brian attending 10 state work zone roundtable in May. SWZDI meeting immediately following with Texas invited.

Maintenance Safety Task Force

Jason Fisher

- Updating conspicuity markings on maintenance vehicles about 80% complete.

ACTION: Will send Dan info on this so he can include it in the innovations initiative.

- Statewide TC training two dates per district per year (300-400 trained).
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- Using more channelizers in place of cones for maintenance.

Work Zone Process Review Team

Dan Sprengeler,
Brian Worrel

- Every 2 years we do a process review, new standard is every 5 years. Want to keep it to every two years cause this coincides with the info and CMF workshops that are part of Iowa process review.
- Scheduling reviews and visits for this year

Districts

Round Robin

- D1 - no update
- D2 - no update
- D3 – recalling before covid there was an effort to review severe crashes/fatalities. Willy stated we don't have enough staff to focus on this, Skylar has created a dashboard to review all crashes via video.
- D4 - no update
- D5 - is there a document somewhere that lists the team members. Need to update the org chart on the WRL.

<https://iowadot.gov/workzonereferencelibrary/docs/Work-Zone-Group-Membership.pdf>

ACTION: SRF need to update. There is a sharepoint list that needs to be posted.

- D6 – Hwy 30 and 380 projects, doing 1/2 at a time to divert to local and 5 minute delays and 40 mph speeds.
- Permit in Norwalk with crashes and forwarded to D1.
- I-80 intake tops in median cross over leading to discussion of staging traffic over intakes Scott Nixon has drawing to reenforce design is working on this.

Central Office

Round Robin

Bridges & Structures - list of TCP project? <https://sites.google.com/site/iowatcp/home>

- Construction & Materials
- Design
- Local Systems
- Maintenance
- Motor Vehicle Enforcement
- Traffic Operations - Piloting a drone project in this area to get picture for this.

ACTION: Contact Andy if you want to arrange for a drone flight.

- Traffic & Safety – Movable barrier will be a topic for the Midwest Work Zone Roundtable.

Adjourn

Future Meetings:

July 20, 2023

October 19, 2023

January 18, 2024