



Key Takeaways and Action Items

Location: Teams
Client: Iowa Department of Transportation
Date: October 21, 2021
Time: 10:30 a.m. to 12:00 p.m.
Subject: Work Zone Council Meeting

Future Flagger Training Requirements – Clayton

- Contractors were concerned of legal responsibility and training approval.
- Department approving contractor training material
- Trained traffic control technician will be responsible for training flaggers.
- DOT will have resource center and in future will have TTT course on how to train the flaggers with training being done by trained traffic control technicians.
- Document with key competencies and program valuable for TTT framework.

ACTION: New proposal being completed for TTT framework and how to provide the material as resource center.

Work Zone Information Sharing & CMF Workshops 2021 - Dan & Clayton

- Information Sharing WS Dec 1 & 2 8am to 5pm & 8am to Noon
- Registration is live
- Finalizing presenters and agenda.
- Panels – Inspectors, Work Zone Enforcement Officers,
- Presentations – Audible warning, 511 tools, WX Data Initiative, WZ Council, SAB, LCPT, Planned Lane Closure System.
- PDH will also be given.

QUESTION: Cortney has a form Template previously used, would like to use this?

- CMF Workshop 1pm to 4:30 pm Dec 2 (following the Info Sharing workshop) & then again Dec 3 8am to 4pm on Friday.
 - 20 people in attendance, self-review, FHWA leads this effort, SRF will be there to document the meeting.
 - East Materials Conference Room.

ACTION: Dan, please forward workshop information to Cortney and Jon before the meeting.

Expanded Use of Portable Rumble Strips Willy Sorenson

- Using for Pilot Car operations and has reduced number of rear end crashes on these operations.
- Considering adding to the standard flagger set up TC-213.
- Making sure maintenance crews are outfitted and ready to go and make this an Optional requirement at this time.
- After deployed 2-3 years will be considered for mandatory use.
- Set is 6 rumbles and pick up unit to transport, place and pickup the rumble strips https://www.youtube.com/watch?v=DR_pOwofZkE .
- Thanks to Donna and Maintenance for finding and dedicating funding for maintenance operations.
- **ACTION** Will be Work Zone Traffic Safety Committee in February for incorporation into TC layout.

Narrow Bridge Work Zone Group Clayton Burke

- District, design, construction and materials, group to address 39' or less wide and carry two lanes during bridge repair and maintenance.
- Are there any two-lane solutions other than contraflow traffic control?
 - Looking into temporary overhead sign system from Minnesota.
 - Cost of contraflow is \$1.0-1.5 M.
 - Looking at temp bridges, ABC bridge, looking at different materials to accelerate work.
- Recommendation is to review triple stage to fit in 29' using steel barrier to save space. Requires shoulder widening and strengthening.

ACTION: Group will continue working on this issue and present details.

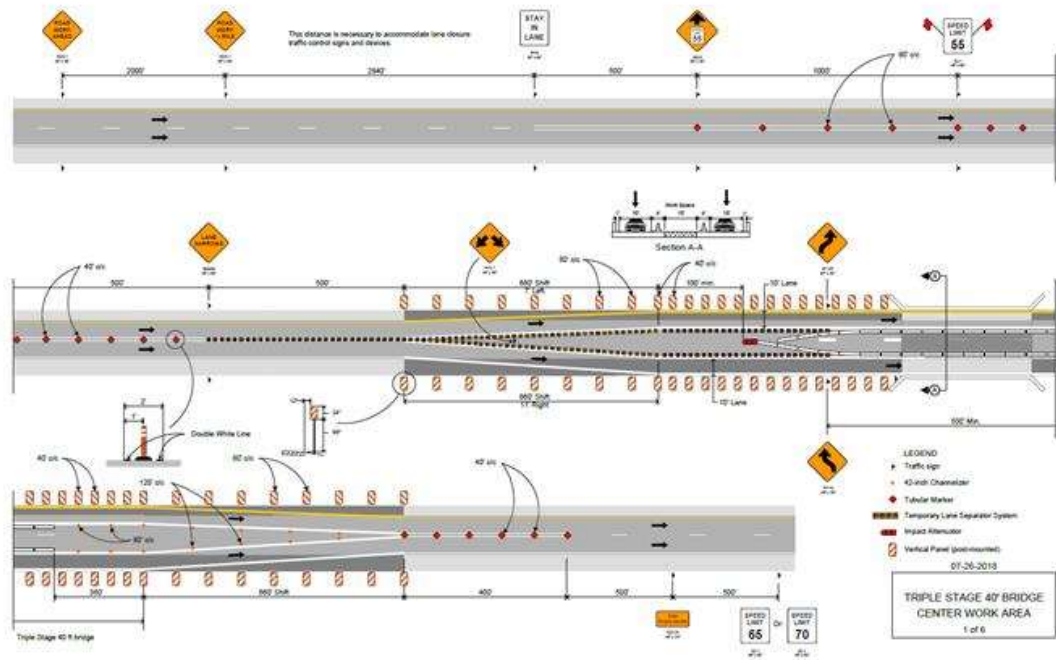
QUESTION: Should SRF include this on the triple stage uncommon situations once it is complete? This is now on Share Point, only needs some minor revisions for use of steel barrier and offsets.

From chat:

Nelson, James S (External) 11:06 AM

Do you have a rough cost on triple stage compared to the \$1 to 1.5 million for contraflow?

From Dan S:



Oversized Loads and Work Zone Restrictions – Clayton

- Have a few loads get stuck over the last year.
- Including width restrictions on 2 lane roads going forward.
- Updated document will be provided by Clayton for updated WZ restrictions.

QUESTION: Should this be posted on the WRL?

- Guidance covers worse case scenario.
- MCS only has the resources to review permits over 18 ft. Automated system needs to include loads less than 18 ft, so it catches more of the loads.
- Issues with the 10 day permits vs the accuracy of 511.
- When an over height/overweight permit is issued is it valid for 10 days? Single issue permits 1 to 10 days.
- Issues – some of the events that come up (Iowa games) if we restrict on those days this also backs up MVC (motor vehicle carrier). MCS (motor carrier services) approves permits.

Update from Each Work Zone Council Group: Round Robin

- **D1 – Scott** – TC-81 use message boards rather than static signs.
- **D2 – Roy** – no items
- **D3 – Tony** – static lane closure map under final reviews.
 - **Roxanne:** TC-420 – drivers missing exits? Start using the exit 500 ft ahead? People pulling into the lane closure or missing their exit. A lot of closures on I-29 so they have gotten a record number of calls this year.

ACTION: Share layout from District 6 with guide and detour signs. COMPLETE

- **D4** - None
- **D5** – Brad – speed feedback sign status? Are these being purchased? 6 have been purchased – one per district already assigned more next year.
- **D6** – no update

Work Zone Management and Traffic Operations Updates

Work Zone Management and Traffic Operations Updates – Mark

- 28 active IWZ out right now. About half have queue detection via Q-free. Currently reaching out for fall updates and any needs for winter configurations.

Training – Dan

- New employee training
- Brad - Should keep maintenance and construction training should be reviewed and integrated together so we don't re-create the wheel and maintenance does not need to sit through the same training twice.

LCPT – Willy

- Improving data reliability, adding ramp data.
- Enhancing layers in GIS, border bridges, TMAs, 5 year program projects integration
- Optimization of data and adding enhancement

Mitigation Team – Dan Willy Clayton

- Reviewing projects. Continue to go through the projects and use checklist. Have finished 2023 and need to go back to update if projects are added for review, i.e. MB projects.
- 2022 list is “complete”

ACTION: Cortney to pull list form WRL

Process Review – Dan

- Eastern Iowa and D1
- Collecting video during drive through and filling out Survey 123 form
- 2021 reviews on projects, Paul, Brenda, Clayton, and Dan.
 - Looking for outliers.
 - Need to get feedback documented as part of review.

ACTION: Using data driven process review report for 2020-2021 biennial report.

Central Office – Round Robin

Traffic & Safety – InTRANS meeting with Omar Samadi for some research ideas – notify every single driver of approaching work zones. Will send around a list once they are compiled.

State of Iowa should have a goal that every approaching driver as they approach a back up are notified in an active sense.

** ran out of time.

** Clayton going to shuffle this around so we don't always run out of time for district and central office items.

2021 Rewind Clayton Burke

ACTION: Discuss initiatives from 2021 during January meeting.

ACTION: Clayton will reschedule 2022 meetings on Thursdays