

## PK Safety Team Recap Friday June 30, 2023, 10:00 AM

**Zoom Participants:** Kurt Shea, Nick Shea, Todd Baker, Kyle Vandusen, Paul Keene, Adam Thorman, Matt Shea, and Basil Shea

**Introduction:** This is a Zoom conference available through mobile device. If driving, pull over and stop to participate safely. If participating while driving the video must be disabled and the device must be operated hands-free. Follow all traffic laws.

### SAFETY REPORT

- June 2023 Safety Report & Analysis
  - Monthly Safety Report – 3 injuries. Slip & Fall + Poor Housekeeping contributing factors. 3 vehicle incidents; 1 involving a pedestrian, 2 other minor incidents involving vehicles. 1 General Liability incident involving grinder head disintegration that damaged a police car.
- Nurse Triage Program. Injury Reporting
  - Estimated program start week of July 9, 2023
- MDOT /MITA Work Zone Safety Mtg. recap Wed, 6/28/23
  - Short term closure definition (can be complicated when applying the definition to the installation of temporary markings)
    - Remove conflicting markings traffic pattern changes greater than 3 days
    - Place Temporary markings within 24 hours after removing conflicting markings
  - AFAD USE
    - An average of 1 flagger is killed every year
    - AFAD's remove the flagger from the road and will save lives
    - Create and expedite the AFAD spec to require AFAD use in all projects requiring flagging
  - Smart Arrow Boards
    - MDOT – go date to crate spec for smart arrow boards
    - My comment: For stationary work zones perhaps a spec could begin to be crafted. However, for mobile work zones such as pavement marking operations it is too soon to write a spec because the technology is not to the point where it is reliable enough to require use through a spec.
- Safety Meeting notes and Tool Talks are available on PK website - Employee Home Page
- Good News
  - Positive comments from Engineer
    - Mike Cagle shared text communication from engineer / US23 job. PK is doing a great job with traffic control creating a safe work zone. Thank you Mike.
  - FMCSA Safety Measurement System PK Score is below thresholds in all categories
    - Good progress in bringing down the FMCSA crash rating / performance indicator
  - MSP Engagement DVER Violation abatement
    - Spoke with MSP officer who conducted DVER inspection. Understood the officers perspective and we will submit the DVER violation through the FMCSA DataQ process for abatement.

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#### Field Notes

- Load & Offload SCB training video (wheel stop use)
  - Showed the video demonstrating how an SCB is loaded and hooked up
- Practice good safety habits
  - Consistently doing the little things correctly day in and day out improves safety
  - Conduct daily Pre & Post Trip Inspections
  - Wear the required PPE: Head, Hand, Eye, Hearing
  - Always be aware of your surroundings
  - Near Miss and Work Zone Intrusion Reporting – Coning specs on Non-MDOT projects. Propose requiring all coning be done from a cone truck instead of from the back of the striper on certain projects

#### TECHNOLOGY

- Mixon-Hill, Haas Alert, iCone MDOT Pilot test 2023
  - Use Cases. How data is used (Situational Awareness & Positional Safety)
    - Situational Awareness – Case: Driver behavior - average and maximum speeds of PK trucks
      - For Example: Truck# 716 speed On I75 just south of Birch Run, for approximately 2 minutes starting at 5:16 PM on 6/24/23 was between 78 and 85 MPH.
      - 11-15 over is 3 point violation. 16 mph or faster is a 4 point violation
    - Production tracking
      - Ingesting data from sources to provide daily production tracking reports
    - Equipment tracking and maintenance
      - Capture miles driven for maintenance schedules and cost analysis
    - Validate field observations from Foremen and crew members.
      - Continuing discussion on field observation validation
- Video Cameras - Proposed Use Case: LL STP Striper 523 positioned on back and back follow truck

**Next Meeting:** Last week of July, 2023