

Work Zone Fatal Crashes/Fatalities

According to workzonesafety.org in 2017 there were a total of:

- 710 fatal Crashes in work zones (Previous 3-year average was 649.7)
- 799 Total fatalities (previous 3-year average was 721)
- 132 *Worker Fatalities (Previous 3-year average: 130.7)

➤ These numbers have increased over the last 10 years.



Dangers to Work Zones

MOTERING PUBLIC	WORKZONE EMPLOYEE
<ul style="list-style-type: none">Distracted Drivers (Technology/Texting)The "Unconscious Driver" (Under the influence, Human Condition)New DriversOverconfident driversOut of towners	<ul style="list-style-type: none">Distracted Employee (Technology/Texting, Focused on task)Lack of visibility (low lighting, no/damaged hi viz)Poor traffic control setup




Quick Tidbit

Microsoft Corporation Study: found that technology is impacting our ability to stay focused.

- Humans attention span had fallen from twelve seconds to eight seconds which is less than a goldfish's average nine seconds.
- The study was done on 210 people that aged from 18 to 65. It found that people who used their phone the most frequently tended to have a worse attention span.

According to the National Highway Traffic Safety Administration (NHTSA), 80% of accidents and 60% of highway deaths are the result of **distracted drivers**.



Improved Compliance/Regulation?


- Has harsher penalties to the motoring public made driving safer?
- Do new and stringent regulations drive safety compliance?

Compliance with all the laws and regulations alone will not provide the safest work environment!

Work Zone Safety /Best Practices Risk Assessments

- Job/task with a pre-shift/task briefing to assess the risks and discuss actions required of the team. If/when conditions change crews are required to meet again.
- Best Practices for mitigating the effects of work zone intrusions
- Internal Traffic Control Plans
 - Equipment location
 - Cone/Device Placement & Transportation of Employees
 - Work zone entry and exit points
- Traffic Control Checklists

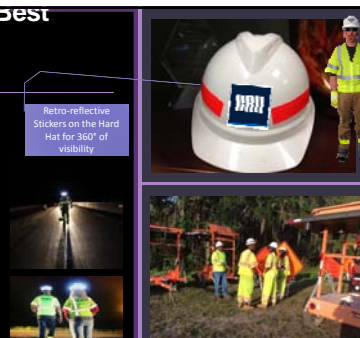
Are you an LMNOP person or an EllaminoPee person?



Work Zone Safety /Best Practices Worker Visibility

Personal Protective Equipment:

- ANSI Class III High-Vis apparel is worn by all employees while on a project site during the day or night.
- An ANSI Class III Vest and Class E Pants or retro-reflective ankle & wrist bands are required for night work.
- Retro-reflective material applied to the employee's hard hat while working at night visible from 360°.
- Halo lights when performing work with low light









Why I'm passionate about work zone safety

Remember Steve?

- Steve was helping QC employee fill cooler with hot mix asphalt.
- A third-party driver under the influence drove around barricades into closed lanes and struck Steve and his coworker.
- The coworker sustained minor injuries; Steve's injuries were fatal.



- ✓ Work Zone inspection revealed that traffic control was set properly and exceeded ODOT specification
- ✓ There was also an off-duty sheriff in closed lane with lights activated
- ✓ Steve and his co-worker were outfitted with Proper PPE: Class 3 Vest, Reflective leg bands, and Halo lights

Continue to...



National Efforts

- Push Legislation
- Public Education (community effort)



Local Efforts

- Compliance
- Training
- Push Innovation
- Work with state associations
- Share Best Practices



