# VIRGINIA ASPHALT CONFERENCE & EXPO INNUMBER OF THE PUTTURE

DECEMBER 5-5, 2018
RICHMOND MARRIOTT
DOWN

National Perspective on WZS

Howard Marks – Nat'l Asphalt Pavement Assoc.

# NAPA EH&S Programs: Striving for EH&S Excellence Protecting industry employees and the environment

- Regulatory advocacy w/ Congress & Agencies
- EH&S compliance assistance (e.g., SDS, Silica, SPCC, HoS)
- Science-based classifications
- Community (health) concerns
- Online WZS training @ www.asphaltpavement.org/safety
- Diamond Achievement: self-assessing for continuous improvement
- Environ. Product Declaration
- NAPA Care Benevolent Fund



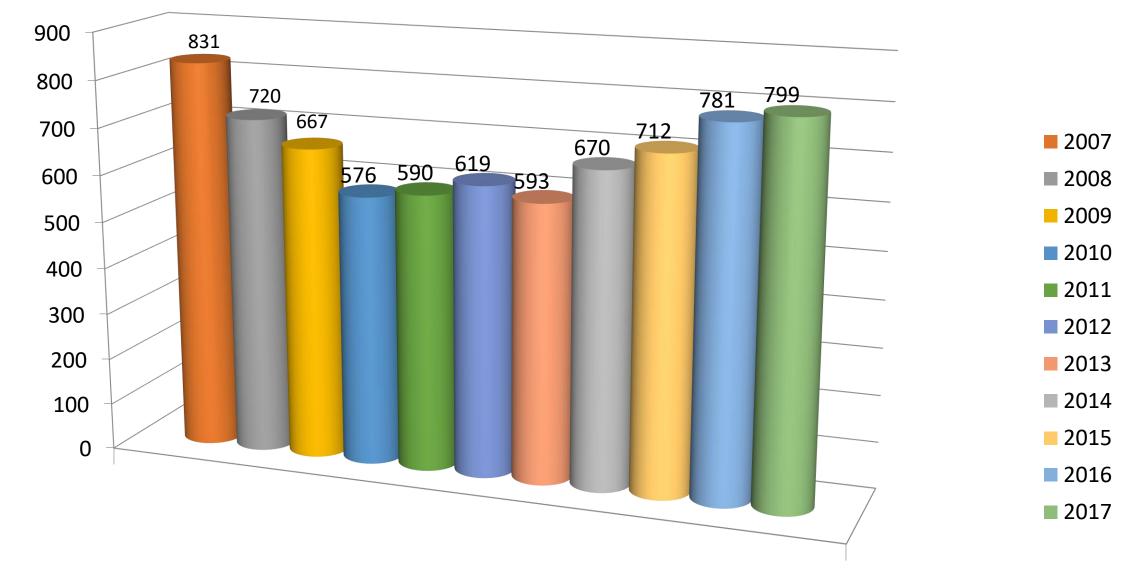


# Hazards in the Work Zone









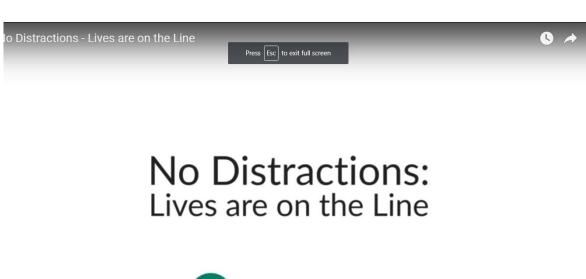
**Work Zone Fatalities** 



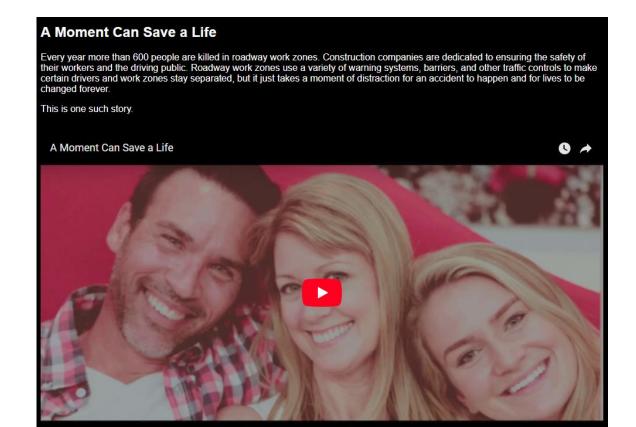
# Public Service Announcements: Distracted Driving in Work Zones

https://www.youtube.com/watch?v=H8SXTngGpZY

https://www.youtube.com/watch?v=bHQFqfRwBPs









## Positive Protection works when it can be used



# Intrusion Alarms

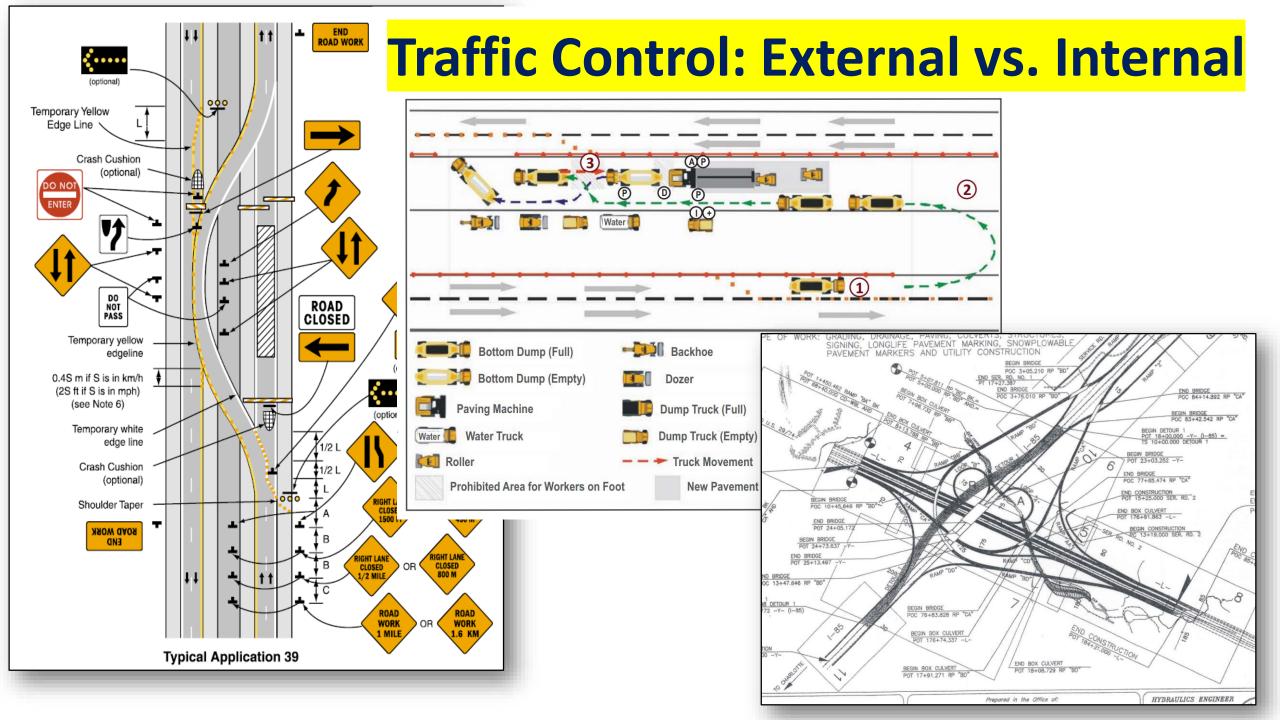












# Internal Traffic Control Training

- Web-based and can be taken on numerous devices
- Specific to asphalt-based road construction activities
- Fundamentals course basic understanding of work zone construction hazards
- Job- and activity-specific training modules
  - Laborers
  - Drivers
  - Equipment Operators
  - Supervisors





#### www.asphaltpavement.org/safety



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#### Legislative

#### Regulatory

Federal Trucking Hours of Service Regulations

**GHS Hazard Communication** 

Silica Rule

Work Zone Safety

**ITCP Training Program** 

WatchForUs

Federal Reporting Requirements



## Internal Traffic Control Training



Last year, over 25,000 people were injured in active road construction work zones and over 700 people were killed. A large portion of those included road construction workers. Ensuring workers are safe and go home at the end of their shift can start with training. NAPA is now offering Internal Traffic Control (ITC) training, targeted for workers engaged in some of the most dangerous work zone activities.

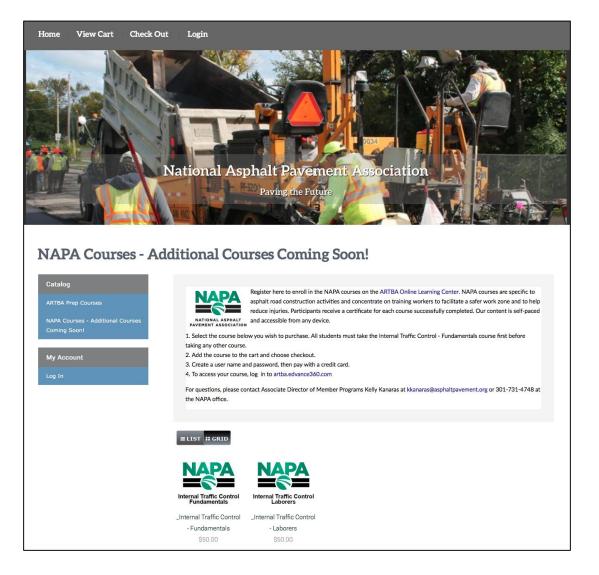
NAPA's Internal Traffic Control Program (ITCP) provides easy-to-use online training to help employees recognize unsafe work zone situations while helping them understand what steps can be taken to ensure they are safe.

# Internal Traffic Control Program asphalt work zone safety

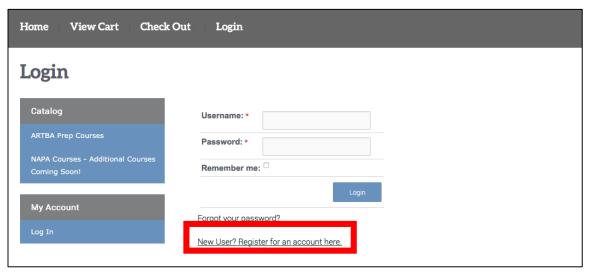
#### **Program Features:**

- · Web-based; can be used on any device
- · Specific to asphalt road construction activities
- a lob- and activity-enecific training modules

# https://register.artba.org/category/napa-courses/





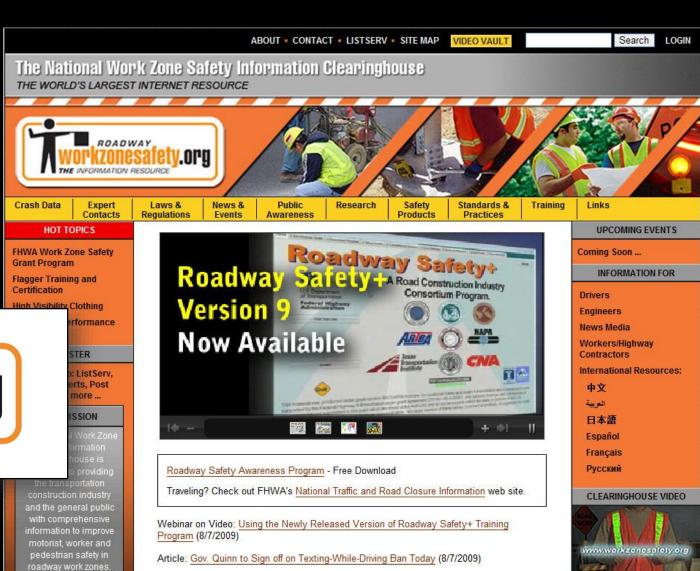




# Additional Resources







Blog Post: More on Work Zone Safety (8/7/2009)

# Next steps: Legislative advocacy for safer work zones Recap

- Effective traffic control
- Preventing vehicle intrusions / distracted driving
  - Speed cameras, positive protection / barriers, other systems
- Education on ITC
- Legislative efforts
  - Easy in theory but some resistance on federal side
  - Many states have programs
  - NAPA looking to promote use of a "safety contingency fund"
    - Some state DOTs currently using

