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.asphalt Pavement.org/safety
- Diamond Achievement: self-assessing for continuous improvement
- Environ. Product Declaration
- NAPA Care Benevolent Fund
Hazards in the Work Zone
Confusion in the Work Zone
Technology in the Work Zone
Work Zone Fatalities

<table>
<thead>
<tr>
<th>Year</th>
<th>Fatalities</th>
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<tbody>
<tr>
<td>2007</td>
<td>831</td>
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<tr>
<td>2008</td>
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<td>2009</td>
<td>667</td>
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<td>2016</td>
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Whose at Risk | Whose at Fault

• Construction workers
• Roadway users
Public Service Announcements: Distracted Driving in Work Zones

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

https://www.youtube.com/watch?v=bHQFqfRwBPv
Protecting our Workers
Positive Protection works when it can be used
Intrusion Alarms
Protecting our Workers from construction equipment
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

1 min. promo @ https://www.youtube.com/watch?v=ux6g_d8XIRw&feature=youtu.be
3 min. promo @ https://www.youtube.com/watch?v=rR1Hy_8CcP0&feature=youtu.be
Internal Traffic Control Training

Train Workers: Save Lives

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 include 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.

Program Features:
- Web-based: can be used on any device
- Specific to asphalt road construction activities
- Job- and activity-specific training modules
https://register.artba.org/category/napa-courses/
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
Thank-you / Questions?

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