A traffic pattern - - -

Now add a work zone - - -
And then - - -
Work Zone Accidents

- A construction laborer killed when run over by a dump truck in highway work zone.
- A construction surveyor is run over and killed by a motor grader that was backing up.
- A highway worker dies when struck by a speeding vehicle while picking up cones.
Why do these fatalities have to occur?
Working Toward Solutions for the Roadway Construction Industry through an Alliance
The Alliance

Leaders of the Roadway Work Zone Safety and Health Coalition sign an Alliance agreement with OSHA’s Assistant Secretary John Henshaw

November 18, 2003

John Howard
Director of NIOSH
John Henshaw
Assistant Secretary of Labor
Roadway Work Zone Safety and Health Alliance
Hazard Awareness Training and Education
Spanish-speaking and "Hard-to-reach" Workers

Laborers’ International Union of North America (LIUNE)

International Union of Operating Engineers (IUOE)

NIOSH

Working Together

OSHA

National Asphalt Pavement Association (NAPA)

American Road & Transportation Builders Association (ARTBA)
Work Zone Alliance Goals

Promoting safety in the transportation construction industry

- Improving Roadway Work Zone
- Safety and Health
- Develop innovative solutions for reducing injuries and fatalities
- Focus on “value-added” results
- Develop hazard awareness training and education programs
Susan Harwood Grants 2004

- Laborer's Health & Safety Fund of North America, Washington, D.C.
  - Develop Training Materials

- American Road and Transportation Builders Association, Washington, D.C.
  - Update Training Materials
  - Hold Training Classes
Susan Harwood Grants
2005

- Laborer's Health & Safety Fund of North America, Washington, D.C.
  - Driving skills training materials
  - Transporting materials study

- American Road and Transportation Builders Association, Washington, D.C.
  - Continue developing training materials
  - Continue educational programs
Regional Efforts toward Best Practices
New Jersey Highway Work Zone Partnership Program

- New Jersey Department of Transportation
- New Jersey State Police
- Laborers –
  - Locals 472 & 172
  - International Health and Safety
- Utilities & Transportation Contractors Assoc
- Rutgers – New Jersey’s State University
- Local Police Departments
- FHWA
- OSHA
New Jersey Highway Work Zone Partnership Program

**Best Practices**

- Troopers trained for patrolling work zones
- Traffic Control Coordinator (TCC)
- Added work zone safety to vehicle manuals
- Contractors required to have a written safety program
  - Safety responsibilities
  - Emergency Plans
- Training
- Implementation
- Discipline procedures
Region V - Roadway Construction Work Zone Activities

- **Local Emphasis Program**
  - Region V’s jurisdiction
  - Road construction work zone activities

- **Inspection Methodology**
  - Randomly selected inspection sites
  - Observable serious hazards
  - Over 1500 inspections conducted
Regulatory Update
Cranes and Derricks
Subpart N

Consensus Reached on the
Proposed Rule

**Highlights:**

- Addresses ground conditions
- Signal persons qualifications
- Phase-in period for operator certification
- Qualified person address hazards - assembly and disassembly

*Published in the Federal Register*
Power Distribution and Transmission
Subpart V

Notice of Proposed Rule Making (NPRM)
scheduled to be published in January 2005
Crystalline Silica Revision

- OSHA proposes more stringent PELs
- Change mppcf to µg/m³
- SBAR Panel’s Report completed
- Directorate of Standards and Guidance is reviewing SBAR Panel Report
Occupational Noise

General Industry Standard

- **February-March 2004**
  - OSHA collected data during site visits
- **March 2004**
  - Stakeholder meeting in Chicago, IL
- **July 2004**
  - Stakeholder meeting in Washington, DC
<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>December 3, 2004</td>
<td>Deadline for notifying OSHA of intention to present testimony</td>
</tr>
<tr>
<td>January 3, 2005</td>
<td>Deadline for submitting comments</td>
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</tbody>
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**Public Meeting scheduled**

**February 1, 2005**

**Washington, D.C.**

Docket H054A
Hexavalent Chromium
Cr(VI) (continued)

Notice of Proposed Rule Making (NPRM) was published in the Federal Register on October 4, 2004

Doesn’t apply to Portland cement and

PEL reduced from 52 to 1.0 ug Cr(VI)/m3 air (8-hr TWA)
OSHA Cooperative Programs
Working with OSHA is good!

- Work with OSHA on Regional/National level
- Improve safety and health programs
- Reduction in injuries, illnesses, and fatalities
- Priority technical assistance
- Regional/National exposure
231 Alliances
19% are construction-related

OSHA and its allies work together to reach out to, educate, and lead the nation's employers and their employees in improving and advancing workplace safety and health.
An Expedition to Cooperative Achievement

Three-phases

24 Steps

Toward

Achieving

Provides recognition

Help Small Construction Employers
In the VPP, management, labor, and OSHA establish cooperative relationships at workplaces that have implemented a comprehensive safety and health management system.
VPP for CONSTRUCTION

VPP for Construction (VPPPC)

- Short-term projects
- Mobile workforces
- General contractors
- Subcontractors

Maintain high standards of VPP
OSHA’s Web Page
Hispanic Information

- **Hispanic Events Calendar**
  - List OSHA safety and health outreach and training events that are focused on raising injury and illness prevention awareness for Hispanic workers

- **Hispanic Site on OSHA’s web page**
  - Average 22,000 visits a month

- **Spanish Help Line at 1-800-321-OSHA.**

- **Construction eTool in Spanish**
Can We Be Safe Near Equipment/Traffic?
Being struck is the biggest danger in road work.

Workers on foot must

- Remain alert at all times
- Check surroundings often, listen for warnings
- Keep a safe distance from traffic
- Stay behind protective barriers where possible
- Look out for each other, warn coworkers

Working together achieves results!
Efforts are Appreciated!
THANK YOU!
OSHA
DIRECTORATE OF CONSTRUCTION

MOVING TOWARD THE FUTURE

Protecting the American Construction Workforce

OSHA
Occupational Safety and Health Administration