

## SAFETY ISSUES IN THE CONSTRUCTION WORLD

Patrick Engelhart, CSP
CEG Safety Manager, NDACo

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## HAZARDS

## Fatal Four

- Falls
- Caught-In or Between
- Struck-By
- Electrocution


## Three Threats

- Falls
- Hand Injuries
- MVA's


## FALLS

- Falling off equipment
- Slips and falls on ice and snow


## How they got hurt, 2022 edition.



Slip, Trips, and Falls



## How they got hurt, 2022 edition.




- 20\% of all Highway

Department claims involve the hands!

- Replacing cutting edges
- Material handling
- Hand and power tool usage


## How they got hurt, 2022 edition.




## MVA'S

- Low-frequency, High-Impact Events
- Average about $3 / \mathrm{yr}$ for last 3 years
- $2 / 3$ rds of incidents involve "upsets"
- 2019-2022: 9 of the 10 "worst" injuries have involved STF's (7) or rollovers (2)
- Broken femurs
- Destroyed shoulders
- Blown-out knees
- Traumatic Brain Injuries


## How do we fix it?



Hierarchy of Controls


## Preventing Hand Injuries

- Select and provide gloves that provide cut and impact protection.
- Cut Level 3 - 5 (based on task)
- Impact Level 1
- Make sure it fits and is comfortable.
- Eyes on task/Mind on Task



## Preventing Slip/Trips/Falls

- Ice Cleats!
- 3-points of contact climbing into/out of vehicles
- Use ladders/platforms/steppers instead of climbing on equipment.
- For the love of all that is holy:
- Do not jump of the tailgate of the truck to the ground!
- No jumping!
- I mean it!



## Preventing <br> MVA's

- Eliminate distractions
- Monitor and manage fatigue
- Inspect and Maintain your equipment
- Wear Seatbelts!
- Before the vehicle moves!
- TTCZ's
- Colors





## There are no secrets to success. It is the result of preparation, hard work, and learning from failure.

Demonstrate Safety<br>Leadership

- \#1 thing you can do:
- Talk about Safety!
- Eyes on task/Eyes on Path/Mind on Task
- Weekly safety meetings - Daily safety huddles/JSA’s
- After-action reviews when an incident happens
- What went wrong?
- What can we do better?
- \#2 thing you can do:
- Lead by example

CEG NDACo COUNTY EMPLOYERS GROUP WORK SMART ~ WORK SAFE

## Questions/Comments

701-425-0824/701-400-6711

