## Focus on Safety at the Transfer Station

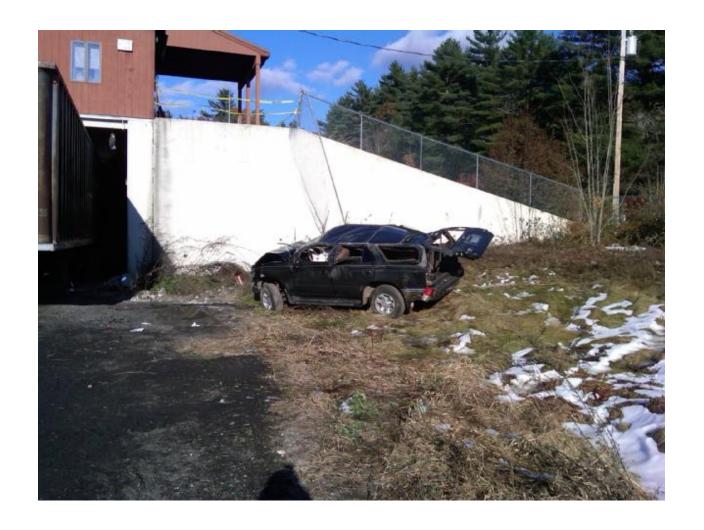
NM SWANA Annual Meetin
December 11, 2015
Tom Parker, PE





## OSHA Statistics Do Not Account for Other Non-Work Related Injuries

85 Year Old Man Survives Crash at Transfer Station



### Design Considerations - Traffic Controls



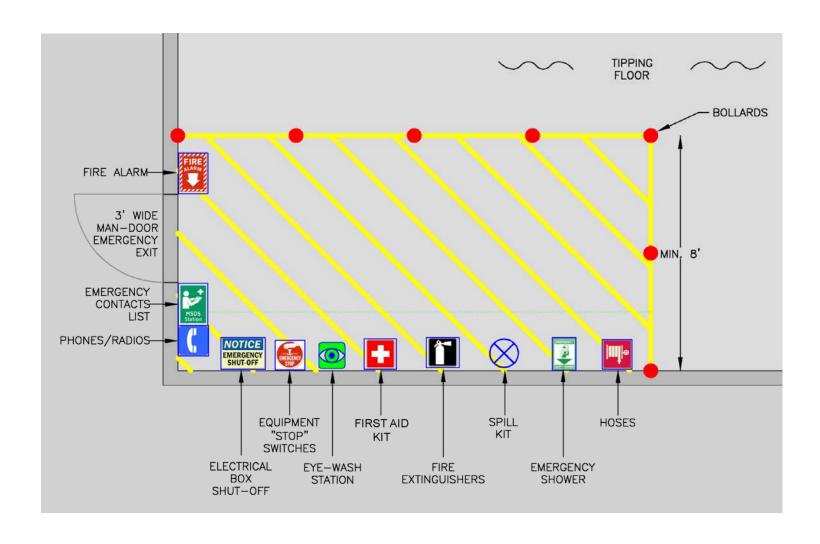


Backing Left to Right



Minimize Crossings

## Designing a "Safe" Area



# Design Considerations – Smaller Convenience Centers

- Safety is the Primary Objective
- Convenience is More Important Than Efficiencies
- Provide Ample Turning Space
- Separate Pick-up/Cars from Vehicles with Trailers
- Spotters are very important

#### **Operations - Speed Limit**

 One of the most violated rules is that of the speed limit, which for most states is 15 mph.



## **Clear Signage - The Message is**



- No. 10 Outfit Employees in PPE and Enforce
- No. 9 Designated No Pedestrian Areas
  - For Flat Floors Equipment Working Areas/Drive Lanes
  - For Recessed Areas (Pits or Load Out Ports) - 12' from Edge of Pit
- No. 8 Textured Floors Unloading Areas
   Citizens
  - Clean Area
  - Add a Layer of Yellow Enamel Paint
  - Sprinkle sand or crushed glass
  - Add a 2nd layer of yellow enamel paint
  - Replace every 2 to 3 months
- No. 7 Train Staff on Traffic Patterns

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- No. 6 Minimum 2 Spotters Buddy System
  - Spotters do not help unload vehicles!!
- No. 5 Train Train Train
  - Safety Manual
  - Contingency Plan
  - Unauthorized Waste Plan
  - Lifting, slips/trips/falls
  - Vigilante and Aware Equipment Operators
  - Weekly Tailgate/Safety Meetings
  - Monthly Formal Classroom Training
  - Traffic Patterns

#### No. 4 Establish Safety Committee of Peers

- Review every accident/injury
- Provide recommendations to Management
  - Employee disciplinary actions
  - Facility improvements
- No. 3 Safety is a Full-time Job
  - Retain outside safety consultant for smaller sites
- No. 2 Inspect/Audit Facility 2x per Year
- No. 1 Don't Fall Asleep

#### Thank You

Questions ????

