Examples of Silica Dust-Producing Tasks Highway/Road Construction and Repair



- Many of the following photos show exposure measurements results for certain job tasks.
- The NIOSH* REL (Recommended Exposure Limit) is used as the metric of exposure.
- The REL is defined here as a Time-Weighted-Average (TWA) or the average amount of silica a worker can be exposed to over an 10-hour workday during a 40-hour workweek.
- NIOSH recommends an exposure limit of 0.05 mg/m³ TWA for respirable crystalline silica.
- Exposure measurements were conducted in collaboration with the New Jersey Silicosis Outreach and Research (SOAR) Alliance partners.

*National Institute for Occupational Safety and Health

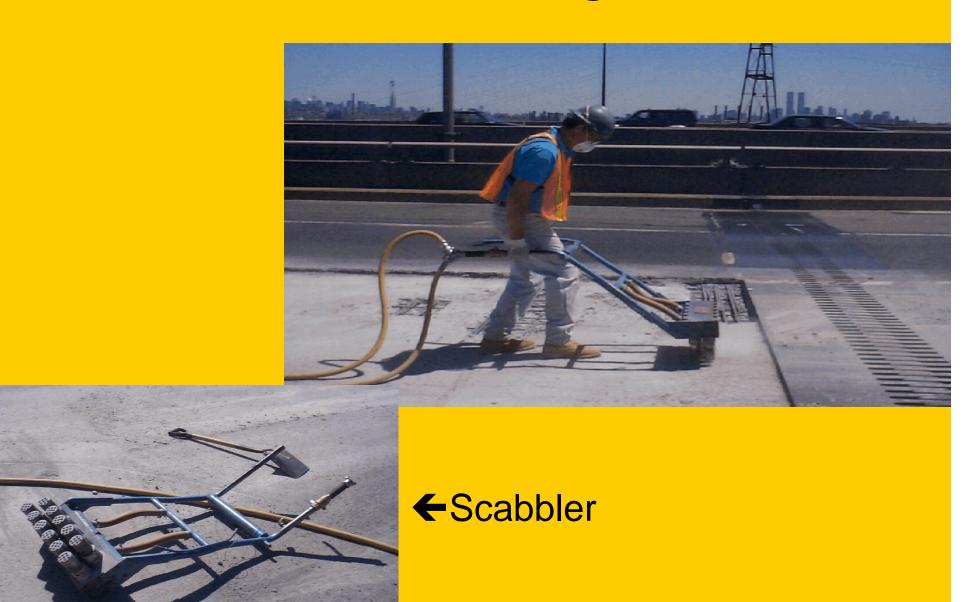
Asphalt Milling



Concrete Milling



Scabbling



Sweeper-Vacuum-Dust Collector



Concrete Saws



Concrete Sawing



Co-Workers Can Also be Exposed



Jackhammer



Jackhammer



Jackhammer



Dowel Drilling



Dowel Drilling









Compressed-Air Cleaning



Compressed-Air Cleaning



Compressed Air Cleaning

