



COMMERCIAL CASE STUDY

PRODUCT

INDUSTRIAL NEEDLESTICK HI-VIZ

In the bustling environment of road construction sites, safety is paramount. Road workers in the North Carolina Department of Transportation (NC-DOT) Division 10 didn't have the advantage of a glove program. Instead, they had to manage with a single type of glove issued to all workers. Unfortunately, this glove type didn't offer the specialized protection needed to handle the diverse and demanding tasks at hand.

Find out why NC-DOT Division 10 chose to upgrade to Mechanix Wear's Industrial Needlestick Hi-Viz gloves, and how workers are now benefiting from reliable, durable, and better-fitting hand protection.

RESULTS



\$50,000

REDUCTION IN INJURY COSTS



300%

INCREASE IN GLOVE LIFE



IMPROVED

WORKER SAFETY



PART # NSIND-91

SIZE S-008 M-009 L-010 XL-011 2XL-012



THE PROBLEM

Trash and debris don't just disappear from America's highways. Someone has to clean it all up and make the roads safe and sanitary. This is one of the many jobs given to the workers of NC-DOT Division 10.

Division 10 workers were tasked with picking up litter and cleaning up the wreckage and debris from car accidents. As you can imagine, this carried a lot of risk from puncture and cutting hazards.

Unfortunately, the road workers weren't wearing adequate protection. The gloves they were using for this task had no abrasion resistance,

CUSTOMER

THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

The North Carolina Department of Transportation (NC-DOT) is responsible for building and maintaining state-owned bridges and highways. Duties include replacing and maintain road signs, repaving roadways, litter collection, fixing and erecting guard rails and barriers, and more.

- 14** — NC DOT DIVISIONS
- 81,000** — AMERICAN-MADE
- 13,600** — BRIDGES
- \$7B** — IN GOVERNMENT FUNDING

APPLICATION

PUBLIC WORKS

INDUSTRY

TRANSPORTATION

CUSTOMER CONSIDERATIONS

- Will the gloves reduce hand injuries?
- Will the gloves provide the necessary dexterity?
- Will the gloves be comfortable to wear?

no protection on the back of the hand, and worst of all, didn't have enough cut and needlestick protection. These gloves barely lasted three shifts before needing replacement, not to mention the added complications from dealing with oil, grease, and chemicals in varying weather conditions. NC-DOT Division 10 recognized the need for a more versatile glove solution. The goal was to provide workers with gloves that were better suited to the specific demands of their various roles, enhancing protection without compromising on comfort and durability.



SOLUTION

NC-DOT Division 10 workers demanded gloves that could stand up to the task, offering resistance against a diverse range of hazards, especially cuts and punctures. It had to have good dexterity to safely handle all sorts of dangerous materials, while being comfortable to wear for extended periods of time in harsh outdoor conditions.

Mechanix Wear offered the Industrial Needlestick Hi-Viz glove as an alternative. Crafted with high-performance Durahide™ leather, these gloves bring a new level of comfort and breathability to the table, without skimping on abrasion resistance. Thanks to the integrated ArmorCore™ technology, wearers can count on ASTM F2878 Level 2 puncture resistance across critical areas like the palm, fingertips, and seams. A high-viz poly shell and reflective printing makes the wearer more visible to oncoming traffic for additional roadside safety. The best part? These gloves lasted more than three times longer and provided unmatched durability.

But that wasn't all. Ditching the one-size-fits-all approach, NC-DOT sought a comprehensive glove program that was as diverse as the tasks

at hand. The Industrial Needlestick glove was an excellent fit for clearing road debris and litter, but NC-DOT's leadership wanted to ensure each worker had the exact glove to tackle the specific challenges they faced daily, ensuring peak performance and safety across the board.

Mechanix Wear stepped up, aiding in crafting a glove program that stocked diverse glove models, each catering to different job profiles. In addition to the Industrial Hi-Viz Needlestick glove, the NC-DOT Division 10 distribution center issued the Torch™ Flux for welding, as well as giving workers the option to choose between SpeedKnit™ S2EC33, the Durahide™ Leather Driver F9-360, and the M-Pact® MPT-07.

Today, NC-DOT Division 10 workers are safer and more effective at their jobs than ever before, and are satisfied with the fit, feel, and function of their new PPE.

SUMMARY

Gloves for workers and NC-DOT Division 10

- Gloves tailored to the task at hand, elevating work precision
- Improved protection against cuts and punctures, enhancing safety
- High-visibility for road safety
- A staggering 300% increase in glove lifespan, amplifying value



ARE YOU ON THE RIGHT TRACK?

JOIN AN ELITE GROUP OF COMPANIES WHO HAVE SWITCHED TO THE TRACK PROGRAM, TO TAKE CONTROL OF YOUR SAFETY AND COSTS.

- ✓ PRODUCT SAMPLES FOR TRIALS
- ✓ EXPERT JOB SITE ASSESSMENT
- ✓ DETAILED REPORT WITH PPE RECOMMENDATIONS

SIGN UP NOW!