

TRANSMISSION TOWERS FALL IN ENVIRONMENTALLY SENSITIVE AREA

NEW SOUTH CREWS ACT SWIFTLY TO PROVIDE ACCESS FOR EMERGENCY TRANSMISSION WORK IN PLANO, IL

On Sunday, June 30th, a microburst, a blast of straight line winds at 100 mph, similar to a tornado but without the rotation, rolled through Plano, Illinois.

At 4:00 p.m. that evening, NEW SOUTH received a call that fifteen 138KV transmission towers had been knocked down by the burst.





By 5:30 p.m., a NEW SOUTH account manager was on-site evaluating the land and within an hour the first mats hit the ground. For the next 72 hours, NEW SOUTH crews worked 12 hour shifts, day and night, to install 4,600 mats and a 48 ft. free-span bridge over an environmentally sensitive waterway.

Over the next 2 weeks for the remainder of the project, NEW SOUTH provided around the clock traffic control and had 2 operators on site during the day to help ComEd with unloading poles, cleaning up debris, and adjusting matting in different positions for setups.

NEW SOUTH also supplied more than 400 tons of CA6 rock for the holes for the new transmission structures.

The NEW SOUTH Project Management Team utilized all available resources, including transportation, material supply, personnel, and equipment, to enable ComEd to replace 18 towers quickly and safely. The last mats were shipped off of the site on August 2nd.



-  Project Management
-  ComEd
-  Plano, IL
-  www.newsouthmat.com

CREW

- 1 Project Manager
- 7 Equipment Operators
- 6 Laborers for Traffic Control and Spotting Equipment and 4 Wheel Loader, 2 Skid Loaders, and 1 Excavator.

CHALLENGES

- Material Delivery
- Time
- Water

PROJECT MANAGEMENT

Once the NEW SOUTH project manager was contacted by ComEd, he immediately began talking with our project teams to coordinate a project plan, schedules, staffing, equipment and other assets needed to restore the 18 structures.



CHALLENGES & SOLUTIONS

MATERIAL DELIVERY

1

ComEd needed more than 400 tons of CA6 Rock for backfill and NEW SOUTH had set up loads to deliver on-site on July 5th. Then on July 4th at 7:30 a.m., the NEW SOUTH project manager received a call saying that ComEd was ahead of schedule and needed the rock immediately. By the project manager utilizing NEW SOUTH's connection to local quarries, the 6 loads of rock requested were delivered by noon on the 4th of July holiday.

TIME

2

The microburst rolled through on a Sunday evening and ComEd needed the rock on the 4th of July holiday. Because the NEW SOUTH project manager understood the severity of the project, he used his resources and coordinated quickly.

WATER

3

To reach some of the fallen towers, equipment needed to crossover a 21 ft. environmentally sensitive waterway surrounded by vegetation. NEW SOUTH crews installed a free span bridge that was 48 ft, large enough to carry the weight of the heavy equipment.

PROJECT STATS

4,600

MATS

used to complete project

2

MAT TYPES

3-Ply and Solid Timber Mats

1

MONTH

project duration



LET'S JOIN FORCES.

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