



WE LIFT YOU ABOVE ALL

# INSTALLING TRANSMISSION LINE POLES



[www.alphaplatforms.com](http://www.alphaplatforms.com)

## THE CHALLENGE

Our client, a reputable engineering and construction firm, was tasked with erecting four 250-foot-tall high-voltage power line poles in close proximity to an elevated highway and train tracks. The project involved lifting and mounting three tower sections atop each other with the help of a heavy-duty crane and bolting them together using Alpha Platforms.

The heavy-duty crane had to lift each of the three tower sections one by one while the operator from Alpha Platforms delivered the installation crew to the connecting point. Their job was to guide the section into position without damaging any mounting connection points and bolt them together safely and securely. A sturdy and firm platform was necessary to ensure the crew's safety during the installation process.

The project was particularly time-sensitive due to the work done close to the train tracks. **The process required precise coordination and a meticulous approach to ensure stability and safety while working with the crane.**

## THE SOLUTION

Alpha Platforms deployed an experienced operator and a mighty [250-foot lift mounted on](#) a durable Kenworth chassis. The lift easily navigated tricky terrain and got to the job site on time, by 8 am as agreed.

As always, setup took no more than 15-20 minutes. The crew decided to use extra cribbing to ensure a stable base for precise maneuverability. [12-ft wide basket](#) accommodated two technicians, a certified operator, and all the necessary equipment to secure two sections of the new pole with precision and accuracy, without the need for additional drops to the ground.

The crew had access to any area they needed with ease due to the 360-degree basket rotation, both horizontally and vertically. The [boom lift operator](#) continuously adjusted the approach to account for the crane's movements while lifting the sections of poles, allowing for a smooth and contactless approach for fastening.

## THE OUTCOME

The project's success depended on the precise understanding and coordinated effort between Alpha's lift and heavy crane operators. Two professionals working in unison allowed the project to be completed in just 3 days.

The skilled crew successfully installed 12 sections of 4 poles with an impressive working height of 250 feet over just three days. Even heavy rain and gusty wind up to 27 mph on the third day of work didn't stop the project! The crew didn't give up and completed the project on time, showcasing the resilience and adaptability of Alpha Platforms' team and equipment.

**Our precise German-made lifts and an [all-inclusive operated rental service](#) are the height access method of choice for hard-to-access structures or at extreme heights, as they combine unmatched productivity with [safety](#) and comfort.**



To try the same world-class service and equipment, just call or email:

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