



Key achievements

- Provided access for over 7 miles of the right of way (ROW) through sand dunes.
- Successfully performed job duties in various drilling conditions ranging from sand to hard rock.
- Extreme desert weather conditions ranged from high temperatures over 100°F to lows in the teens.

The project

A stretch over seven miles of an existing 69kV transmission line through southern Andrews County, Texas required rebuilding. This area has desert weather conditions which posed many challenges to operations and crews.

The challenge

The jobsite was isolated with limited access points, which led to challenging desert conditions. Severe winds, excessive temperature swings, sand dunes and hazardous wildlife on the right of way during project construction required special precautions for protection of personnel and efficiency of operations. Additional concrete work was required for switch stands at various locations along the ROW.

The solution

Seaboard Foundations developed a matting plan to provide access and reduce the impact on the ROW. Special mix designs were used for the various weather conditions and delivery times. Our crews guided concrete delivery drivers on the mats to maintain safe and efficient deliveries. Crews trained on hazards specific to the job including high heat, severe cold and precautions for wildlife of the region. Crews were experienced in concrete work for the switch stand construction.

Application

Deep Foundations

Technique

Drilled Shafts

Market

Power Industry

Owner

Oncor

Main contractor

Power Secure

Engineer

Power Engineers

Keller business unit (s)

Seaboard Foundations