

2019-0417

The Vibratory Stone Columns contractor has been spending the past week assembling their crane and excavator for the installation of the stone piers.

The blue crane was brought in on several trucks and assembled onsite. Each track was on a truck, as well as the turntable, body, and boom.

Another crane, called a sister crane, was used to assemble the blue crane and all of its parts and pieces. The assembly of the blue crane, which will be used to drive the probe into the ground for the stone columns takes about a week to complete.

The crane is a Manitowoc 150 ton lattice boom, track machine. It will hold the probe in place as it is pushed into the ground to a depth of 40 feet. The probe is hollow with openings on the end. As the stone is dumped into the hopper, located at the top of the probe, the stone falls to the bottom and is fed by gravity through the openings at the bottom.

Actual installation of the stone columns is beginning today.