

## PROJECT PROFILE

*RezRok<sup>®</sup> epoxy grout saves the day on parking garage project!*



### CUSTOMER

**University of Houston**

*Houston, Texas*

### PROJECT TEAM

*Structural Engineer: Walter P. Moore & Co.*

*General Contractor: Manhattan Construction Co.*

*Installation Contractor: Boran Steel Co.*

### PROJECT OVERVIEW

In pouring the footings for the University of Houston's new parking garage, it was discovered that some of the #10 steel reinforcement bars had been left out. The options were to 1) tear out the footings and build new ones or 2) find a way to install the rebar with the assurance that the structural integrity of the footings was not compromised.

The solution was to saw cut and chip out sections of the footings and install new rebar positioned in place and grouted with a high strength epoxy grout. RezRok<sup>®</sup> 153 was chosen because of its fast-cure, deep pour capability and physical properties. The project was a complete success, saving the contractor time and money while providing a solution that maintained structural integrity.

### KEY CONSIDERATIONS

**Fast cure:** The epoxy grout had to cure fast to maintain the project schedule.

**Low shrinkage:** The grout can be poured at any depth up to 12 inches without shrinking away from the rebar.

**Physical properties:** The grout must exhibit high flexural, tensile bond and compressive strength.

### SYSTEM PRODUCTS

- **RezRok<sup>®</sup> 153**  
Grout, Multi-Purpose, Deep Pour