

HOLIDAY INN GARAGE ASSESSMENT REPORT DUBUQUE, IOWA

The existing three-story precast concrete parking garage adjacent to the Holiday Inn in downtown Dubuque exhibited signs of distress from salt and water infiltration. The parking garage suffered from a lack of maintenance particularly at the joints between the precast double-tee slabs.

An initial report was created to identify the immediate rehabilitation requirements, as well as provide future maintenance recommendations. The overall effort included repair of spalled concrete within columns, beams, and slab, as well as repair of rusting exposed structural steel elements. The main entry joint and drain was severely deteriorated, so the region was replaced.

The renovation processes was observed and reviewed as repairs were made to ensure the contractor installed the new construction appropriately. A final report was created to document that repair of the various deteriorated components was complete.



Removed Deteriorated
Construction



Deteriorated Joint and Drain



New Construction