

NORTON HEALTHCARE HOSPITALS PARKING GARAGES



OWNER: NORTON HEALTHCARE SYSTEM

LOCATION: LOUISVILLE, KY

NINE PARKING GARAGES -
2.5 MILLION SQ. FT. ASSESSED

COMPLETION: 2006

CEI performed an assessment of various structural components of nine parking garages that belong to Norton Healthcare, Louisville, KY. Over the course of the assessment, 2.5 million square feet of parking garage area was inspected throughout a total of 58 parking levels. Among the garages, the structural systems varied between the post-tensioned flat-slab construction supported on post-tensioned concrete beams and the cast-in-place reinforced concrete columns and pre-cast/pre-stressed double-tee systems supported on pre-cast/pre-stressed inverted-tee girders and cast-in-place reinforced concrete columns. The report contained observations categorized on the basis of structural severity and detailed the recommended repairs as *Immediate Structural Repairs*, *Other Structural Repairs*, and *Base Repairs*, and included budgetary cost estimates and prioritization for all strengthening and repairs.

