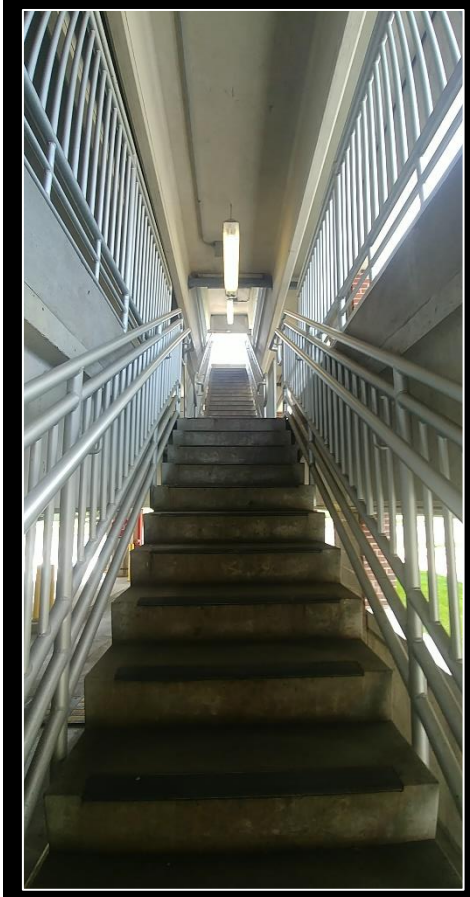
STAHL SHEAFFER ENGINEERING

- **Owner:**
  The Pennsylvania State University
- **Services:**
  - Structural Inspection
  - Five-Year Maintenance Contract
- **Size:**
  230,000 SF
- **Construction Cost:**
  $770,000



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Eisenhower Parking Deck Structural Design

The Pennsylvania State University, University Park, PA

Stahl Sheaffer performed a condition inspection and prepared contract documents for a 2013 maintenance contract for the six-story parking garage. Evaluation included a visual inspection of the double-tee floor members, floor and roof deck members, beams, columns, spandrels, stair and elevator towers, exposed steel, sealers and deck coatings, joint sealants, expansion joints, drainage, cable barriers, and the roof office. The evaluation of the façade included a visual inspection of the exterior brick and of the precast concrete panel walls. The exterior inspection focused on deteriorated mortar joints, condition of the caulking, cracked and missing bricks, cracking and spalling of the concrete. The project also included contract administration and inspection services.