



Abraham Lincoln Presidential Library Parking Garage

Project Description

Construction of a 4-story, 200,000 square foot pre-cast parking garage and adjacent 30,000 square foot surface bus parking lot for the Abraham Lincoln Presidential Library & Museum complex.

Project includes:

- new grade beam and drilled shaft foundations
- structural & architectural precast concrete
- a snow melt system on the garage ramps
- parking control equipment



Owner – Illinois Historic Preservation Agency
 Architects -- Hellmuth, Obata + Kassabaum
 Completion Date – April 2005
 Contract Value -- \$7,300,000



Project Details

- Over 11,000 tons of pre-cast concrete.
- Pre-cast used over 6,000 cubic yards of reinforced concrete.
- Pre-topped double-T floor beams 10' wide x 60' long.
- Installation of electric heating cable snow melt system on the 3rd floor ramp.
- Ninety-one drilled shafts from 24" to 42" diameter.

Unique Challenges

- Six-month construction schedule.
- Pre-cast erection adjacent to a 34 KVa power line.
- Coordination of work with underground utilities in urban area.
- Working in conditions with record rainfalls in Fall of 2004.
- Staging of pre-cast trucks on city streets.
- Construction contract with \$5,000 per day penalty for late completion.

Contact Information

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