



Owner

Chicago Park District

Client

Thompson Dyke & Associates

Reference

Michael Witwer
Communications Director
312-664-6500 ext. 37

Subconsultants

Wet Design, Inc.
McKay Lodge Fine Arts
Conservation Laboratory, Inc.,

Delta Engineering Group, LLC

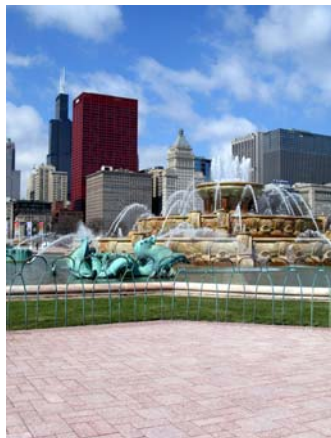
Klein and Hoffman, Inc.
UrbanWorks Architects

Total Project Costs

\$ 25 Million

Schedule

Design Completion – Fall 2008
Construction Completion – Spring 2009



Delta Engineering Group, LLC
111 W. Jackson Blvd.
Chicago, IL 60604
312-377-7700

www.deg-america.com

Clarence Buckingham Memorial Fountain Restoration

Delta's responsibilities included:

- **Mechanical/Electrical Engineering** - Evaluation and condition assessment of the fountain pumps and pump house mechanical, electrical and plumbing systems.
- **Civil Engineering** – Completed topographic and utility survey of the fountain, fountain table, and surrounding one-block area. Designed site renovations inclusive of: removing crushed gravel and fountain table paving to depth adequate for new, *permeable brick pavers* over sand and gravel base; improved drainage; and ADA improvements.



Buckingham Fountain Restoration is a project-specific joint venture of Thompson Dyke & Associates, Ltd. – a Chicago-based landscape architectural firm and world-renowned fountain expert Wet Design, Inc. of California. For the restoration of this iconic structure, McKay Lodge Fine Arts Conservation Laboratory, Inc., restored bronze and granite features; Delta Engineering provided civil, surveying, mechanical, and electrical engineering; Klein and Hoffman, Inc. provided structural and restoration-engineering. Urban Works provided architectural lighting to restore the historic fountain to its original grandeur.



Buckingham is one of the largest fountains in the world. The fountain opened May 26, 1927. The four sea horses symbolize the four states that touch the lake: Illinois, Wisconsin, Indiana and Michigan.