

Centennial Park, Hinkley Park and  
Oakton Park

Pool Renovation Study

Prepared For:

Park Ridge Park District  
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POOL FACILITY ASSESSMENT

Metro Design Associates Inc.

November 17, 2005



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Executive Summary



## Executive Summary

Through the collective efforts of the Park Ridge Park District, Metro Design Associates, Inc., DeFranco Plumbing and Soil and Material Consultants, we have summarized the facility analysis and engineering study of the swimming pool systems at Centennial Park, Hinkley Park and Oakton Park in Park Ridge, Illinois. The accompanying report and exhibits represent a complete analysis and engineering study of the swimming pool systems.

Descriptive schematic renovation options for all three swimming pool systems are provided, ranging from renovation to complete replacement of the pool structures. A preliminary cost analysis is also provided along with the extensive supporting documentation of engineering reports, tests, televising tapes and code requirements.

The intent of this analysis and study report is outlined below:

- Assess all existing system conditions and limitations
- Verify the pool, water structures, and filtration system deficiencies
- Propose viable potential solutions to facility and operational concerns through descriptive schematic design.
- Establish the groundwork on which to continue additional planning measures and detailed design development

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Executive Summary

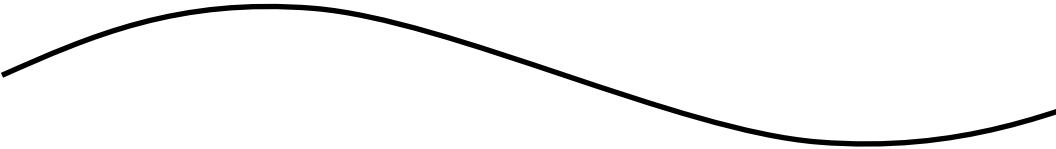
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# POOL FACILITY ASSESSMENT

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Introduction



## Introduction

The Park Ridge Park District commissioned Metro Design Associates, Inc. to conduct this facility analysis and engineering study for the swimming pool facilities at Centennial Park, Hinkley Park and Oakton Park Pools in Park Ridge, Illinois. Our analysis is comprised of all swimming pool facilities, including mechanical/filtration systems, electrical systems, code requirements, as well as an overall overview with respect to the swimming pool basin and associated systems.

Our project team extensively reviewed existing facility drawings and conducted numerous field surveys to verify, document, and assess all of the existing facility conditions and limitations. Metro Design Associates, Inc. did code research, analysis, and potential design solutions/budgets. Piping televising inspection was performed by DeFranco Plumbing, and concrete coring was performed by SMC, Soil and Material Consultants.

The original facilities have had a number of changes or additions to the systems over the years. All of the issues and concerns are thoroughly documented and discussed within the body of this document and potential design solutions are presented in conjunction with our overall conclusions and recommendations. After review and approval, this document along with any authorized modifications may be used as the basis for the development of more detailed facility renovation plans.

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Existing Facility Assessment Report

