

Lincoln Park Pool Replacement Project

City of
Albany
New York

Public Open House Meeting #1
June 24, 2021

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Weston & Sampson

- Established 1899, Weston & Sampson is a full-service planning, landscape architecture, engineering, and environmental consulting firm.
- Our staff of more than **700 professionals** serves public and private sector clients throughout the **Northeast** and along the **East Coast**.
- Albany Office
 - Engineers + Surveyors
 - Aquatic Designers
 - Landscape Architects
 - Environmental Scientists
 - Construction Inspectors



Project Goal & Objectives

- Project Goal: Plan and Design a new state-of-the-art aquatic facility to replace the failing Lincoln Park Pool.
- Project Objectives:
 - Facilitate public engagement session for community input
 - Identify desired features/characteristics
 - Develop preferred layout of pool and supporting amenities based upon community input
 - Design filtration & chlorination systems to meet current New York State Department of Health Requirements



What is the History of the Pool?



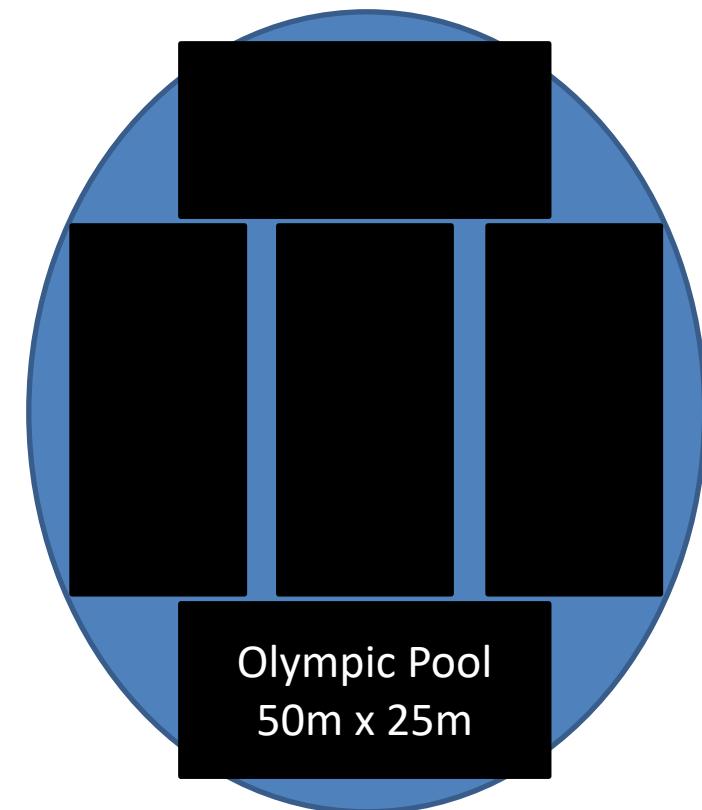
- In the Mid-1700's to 1800's area was the site of a large brewery and brick yard.
- Beaver Kill Creek flowed from Park Ave to Swan St
- Beaver Kill was redirected to an underground tunnel system to transport storm water
- Pool was constructed in 1930 within a deep ravine carved out by Beaver Kill Creek
- In 1931 the City Engineer reported that the pool was leaking substantially from the day it was constructed

(Think about it: Lincoln Park Pool has been leaking for nearly 90 years)

How big is the Lincoln Park Pool?

The Lincoln Park Pool is a unique pool for its time and rather large (over 5x the size of an Olympic Lap Pool)

	<u>Lincoln Park Pool</u>	<u>Olympic Pool</u>
Water Surface Area:	70,900 sf (1.6 ac)	13,448 sf (0.3 ac)
Water Volume:	1,180,000 gal	660,000 gal
Length of Pool:	90m / 295 ft	50m / 165 ft
Width of Pool:	90m / 295 ft	25m / 82 ft
Depth of Pool:	6 to 8 ft	Up to 12 ft
Number of lanes:	0	10



(Think about it: Lincoln Park Pool = Two Little League Baseball Fields or Ten Basketball Courts)

What has been done at the pool?

- Filtration System Replacement - 2001
- Bathhouse Renovation - 2001
- Geotechnical Investigation - 2017
- Bathhouse Stabilization - 2018
- Park Master Plan – 2018

(annual repairs, emergency fixes, maintenance band-aids)



Leaking + Mechanical Concerns

- Not compliant with current NYS DOH code
- Leaking/Cracking = Structural Deficiencies + Subbase settlement
- Gutter & Drain system not effective
- Outdated filtration/ pumping equipment
- Poor water turnover and mixing rates
 - Requires a turnover of 1,650,000 gallons of water every 6 hours which is 4,600 gallons per minute

(Think about it: the average kitchen sink flows 2 gallons per minute)



Decking Cracks



Current Filter/Pump System



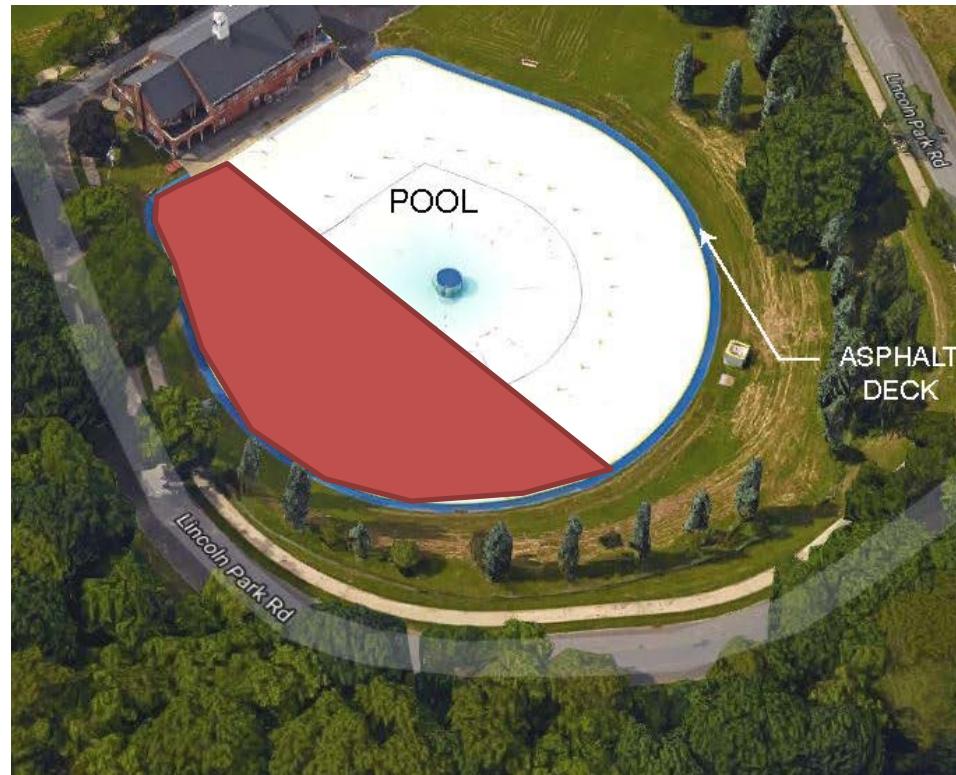
Modern Filter System

Leaking Issues!

Everyday the pool loses between 400,000 and 500,000 gallons of water
due to structural cracks / settlement of pool shell
(Think about it: that is 16,000 bathtubs per day)



500,000 Gal. Storage Tank



±42% of Pool Capacity / Day

Safety Concerns!

- Layout/shape makes it difficult to scan pool and exit quickly
- Size of pool makes it difficult for lifeguards to quickly respond to events
- Shape of pool prevents ladders from being installed in deep end
- 44 full time lifeguards required for pool coverage
- Limits to Programming (difficult to demark shallow/deep areas)

(Think about it: Lifeguards need to get to a distressed swimmer within 20 seconds)



Reasons for a New Facility

It is not feasible to reconstruct or repair the pool in the existing configuration.

A new facility must be redesigned for the following reasons:

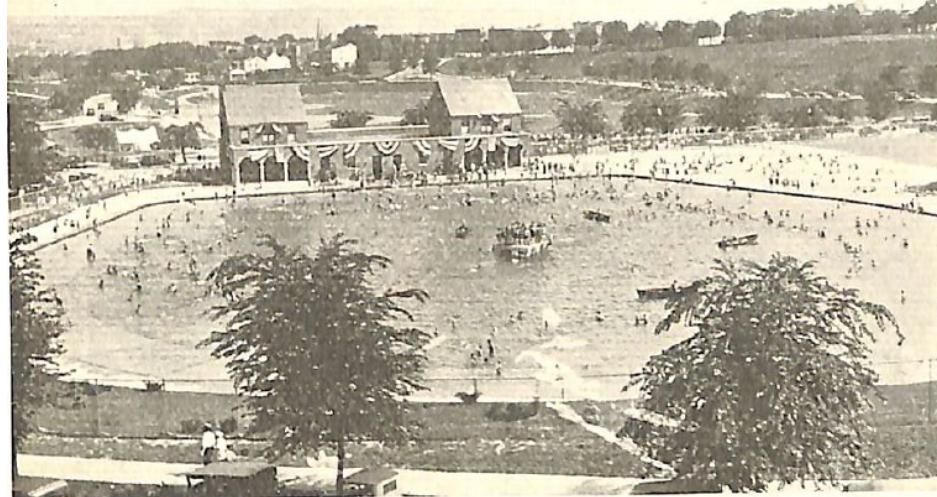
The Pool is currently “grandfathered” by NYS Department of Health, due to its age and when it was constructed, it does not have to meet some modern codes; any repair/construction removes this grandfathered protection.

1. Cracking of pool shell causes leaks & differential settlement – unable to be repaired and maintain grandfathered code compliance
2. Pool contains “dead spots” that do not meet continuous recirculation rate requirements
3. Does not meet surge/overflow code requirements]
4. Turnover rate is only 8 hours (Current code requires 6 hours, Zero-entry portions of the pool require 2 hours)
5. Demarcation of water depth can not meet code with current shape
6. Ladders are required on each side for access, which is not possible with current shape
7. Swimmers are unable to quickly exit the pool & lifeguards have difficulty meeting required response times with current shape & layout
8. Current size requires 44 lifeguards as full-time staff (2 shifts with 22 on duty); if not enough lifeguards are present, portions of the pool must be closed off

A pool of this shape/size would not be permitted by NYS Department of Health, and therefore can not be recreated in the current configuration and be code compliant.

But isn't it Historic?

- Yes, Lincoln Park is listed on the New York State and National Register of Historic Places.
- The project team has discussed the project with the New York State Historic Preservation Office.
- A new pool design will be acceptable to meet current codes/standards.
- The existing pool is to be documented for archival purposes and any features (pylons, center platform, etc.) should be retained to the extent feasible.



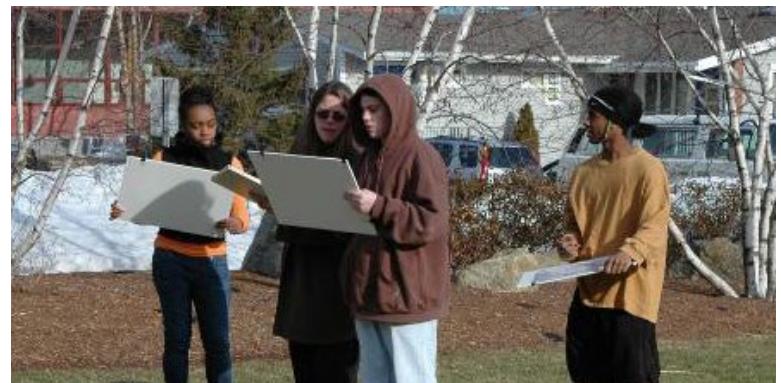
LINCOLN PARK AND SWIMMING POOL, JULY 4, 1931.

Need for Public Input

In order to properly reimagine and redesign the Lincoln Park Pool, a public engagement strategy to listen to residents has been developed.

Public Input Opportunities Between June and August

- Project Advisory Committee (PAC)
- Public Open Houses (Virtual)
- Online Survey
- Input at the Bathhouse
- Pop-up Events
- Workshop Meeting (In-person)



What is the PAC?

The Project Advisory Committee (PAC) is an Advisory Group composed of residents/ community members from the following groups have been invited to participate:

- Lincoln Park Alliance
- South End Neighborhood Assoc.
- A Block at a Time
- A Village
- Hudson Park Neighborhood Assoc.
- Delaware Avenue Neighborhood Assoc.
- Albany County Legislature
- Albany City Common Council
- Lincoln Park Pool Lifeguard
- Certified Pool Operations Manager of nearby Pool Facility

Public Engagement Strategy

Week of June 14th, 2021

- PAC Meeting #1 (Kickoff)

Week of June 21st, 2021

- Presentation to Lifeguards & Staff
- Virtual Open House #1 - *Introduce Project + Review Existing Conditions*
- Distribute Online Survey

Weeks of June 28th, - Aug 8th

- Stakeholder Input @ Pool (Boards + Dot Survey)

Week of August 8th, 2021

- PAC Meeting #2 (Survey Review)
- Virtual Open House #2: *Present data collected to date, develop “wishlist”*

Week of August 30th, 2021

- PAC Meeting #3 (Wishlist Review)
- Pop-Up Events (*South End Market, Playstreets, etc.*)
- Workshop Meetings @ Bathhouse: *Develop Ideas/Alternatives*

Week of September 13th, 2021

- PAC Meeting #4 (Workshop Review)
- Virtual Open House #3: *Present “wishlist”, and alternatives for voting*

Week of October 4th, 2021

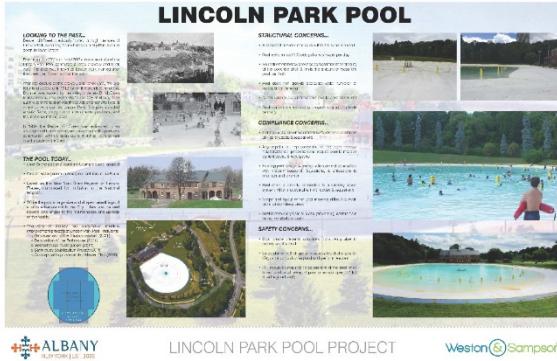
- PAC Meeting #5 (Alternative Review)
- Virtual Open House #4: *Preset update on alternatives, final recommended alternative.*

Week of November 1st, 2021

- PAC Meeting #6 (Project Wrap Up)

Dot Voting @ Bathhouse

Boards with Pool Staff to collect votes.



- History of Lincoln Park Pool and current issues/ concerns
- Different types of facilities, amenities, programming, etc. possible at the pool

WHAT WOULD YOU LIKE TO SEE IN A NEW LINCOLN PARK POOL?

FACILITIES, AMENITIES & PROGRAMMING OPTIONS MAY VARY IN SIZE/LOCATION WITHIN THE EXISTING POOL FOOTPRINT

POOL FACILITIES



LAZY RIVER



LAP LANES (COMPETITIONS)



ZERO-ENTRY / ADA POOL



WAVE POOL



IN-POOL SPRAY FEATURES



SPRAY PAD

PROGRAMS / POOL AMENITIES



CLIMBING WALL



AQUATIC SPORTS/ATHLETICS



SLIDES



SWIMMING LESSONS



CLASSES (SCUBA, LIFEGUARD)



DIVING BOARDS

SITE AMENITIES



LANDSCAPE / OPEN SPACE



AMPHITHEATER SEATING



SHADE PAVILIONS



VOLLEYBALL COURTS



PLAYGROUND



CONCESSIONS AREA

WHAT DO YOU WANT TO DO AT THE LINCOLN PARK POOL?

Zero-Entry / ADA Pool



Lap Pool



WHAT DO YOU WANT TO DO AT THE LINCOLN PARK POOL?

Spray Pad



In-Pool Spray Features



WHAT DO YOU WANT TO DO AT THE LINCOLN PARK POOL?

Lazy River



Wave Pool

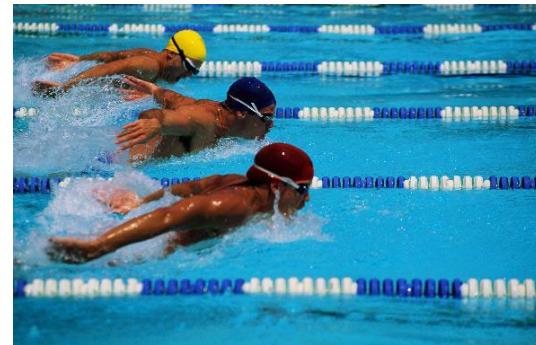


WHAT DO YOU WANT TO DO AT THE LINCOLN PARK POOL?

Aquatic Sports / Athletics



Lap Lane Markings



WHAT DO YOU WANT TO DO AT THE LINCOLN PARK POOL?

Diving Boards / Slides / Climbing Walls



WHAT DO YOU WANT TO DO AT THE LINCOLN PARK POOL?

Swimming Classes / Lessons



Specialty Adult Classes (Scuba, Lifeguard Training, Aerobics)



WHAT DO YOU WANT TO DO AT THE LINCOLN PARK POOL?

Amphitheater / Lawn Seating



Formal Concession Area / Seating



WHAT DO YOU WANT TO DO AT THE LINCOLN PARK POOL?

Shade Pavilions / Picnic Tables / Seating



Landscape Areas / Open Space



WHAT DO YOU WANT TO DO AT THE LINCOLN PARK POOL?

Playgrounds / Volleyball Courts



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Project Schedule

Public Engagement & Stakeholder Coordination

- June 2021 – August 2021

Concept Designs & Public Engagement

- August 2021 – November 2021

Design Development

- November 2021 – February 2022

Final Design

- March 2022 – July 2022

Bidding & Construction (Not Yet Funded)

- To be determined

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Thank you for joining us!

We look forward to hearing your thoughts at the pool and at our next meeting in August!

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