



## Deteriorating Infrastructure and Park Land Opportunities – The Echo Lake Dam Project

# Speakers



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City of Burlington



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Ayres Associates



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Ayres Associates



# Complex Decision Making

## Echo Lake Dam Removal Cost

<b>Total Cost</b>	<b>\$8,700,000.00</b>
Less: WDNR Municipal Dam Grant	\$1,000,000.00
<b>Total Local Taxpayer Cost</b>	<b>\$7,700,000.00</b>
Tax Rate for Debt (per \$1,000 assessed)	\$0.5046
<b>Annual Cost for Average Home (\$236,000)</b>	<b>\$119.09</b>

## Tax Analysis for Homeowners

Assessed Value	Tax Per Year/Household
\$100,000 of property value	\$50.46
\$200,000 of property value	\$100.92
\$236,000 of property value	\$119.09
\$300,000 of property value	\$151.38

## Echo Lake Dam Modification Cost

<b>Total Cost</b>	<b>\$9,100,00.00</b>
Less: WDNR Municipal Dam Grant	\$1,000,000.00
<b>Total Local Taxpayer Cost</b>	<b>\$8,100,00.00</b>
Tax Rate for Debt (per \$1,000 assessed)	\$0.5309
<b>Annual Cost for Average Home (\$236,000)</b>	<b>\$125.29</b>

## Tax Analysis for Homeowners

Assessed Value	Tax Per Year/Household
\$100,000 of property value	\$53.09
\$200,000 of property value	\$106.18
\$236,000 of property value	\$125.29
\$300,000 of property value	\$159.27



# Complex Decision Making – Dam Modification

- Modify the existing dam gates and add berm
- Dredge the lake/Shoreline restoration
- Features:
  - Overlook on top of the dam gates
  - Trail improvements
  - Park lighting improvements
  - Flexible performance area
  - ADA accessible canoe/kayak launch
  - Floating fountain
- Project timeline
  - Dam and park construction: est. 1-2 years
  - Dredging and shoreline work: est. 1-2 years



# Complex Decision Making – Issues

- Health of Echo Lake
- Property rights to lakefront
- Role of Echo Lake Park with other parks
- Cost
- Opportunities
- Community identity



# Community Engagement for Informed Choices



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APRIL 14

4:30 P.M. TO 7:00

JOIN THE CITY AND AYRES ASSOCIATES  
FIRST COMMUNITY ENGAGEMENT  
OP TO HELP DEFINE THE VISION AND  
OF ECHO LAKE PARK.

**LOW DAILY**

QUESTIONS: WEBSITE:

REWERY PETER RIGGS ECHOLAKEPARKMASTERPLAN.COM  
T 262.342.1181 BURLINGTON-WI.GOV/549/ECHO-LAK  
WI 53105 PRIGGS@BURLINGTON-WI.GOV



BURLINGTON WI.


CHO PAR  
ASTER PL

IN: FARMERS MARKET @ WEHMHOF

Come talk about the future of your parks and share your thoughts on design ideas for Echo Park. Concerned about the whole park system? We're starting to update the overall Comprehensive Outdoor Recreation Plan and need your input!

- FIRST ECHO PARK CONCEPT PLANS •
- PLACEMAKING • PARKS MASTER PLANNING •
- FOOD AND FUN •

Website: echolakeparkmasterplan.com  
burlington-wi.gov/549/Echo-Lake-Dam



BURLINGTON WI. PRESENTS

B TOWN SOUND

ECHO  
PARK  
MASTER  
PLAN

ne 9th • Time: 5:30 PM to 7:30 PM • Location: Ed

While attending Btown Sounds on the 9th please join steering committee and the design team for the opportunity to preview the updated master plans and provide input.

23.342.1181  
burlington-wi.gov

Website: echolakeparkmasterplan.com  
burlington-wi.gov/549/Echo-Lake-Dam

- Online Survey
- Events
- Steering Committee
- Community Information Meetings





# Creative Scenario Planning for Sustainable Solutions



# Ripple Effects of Aging Infrastructure

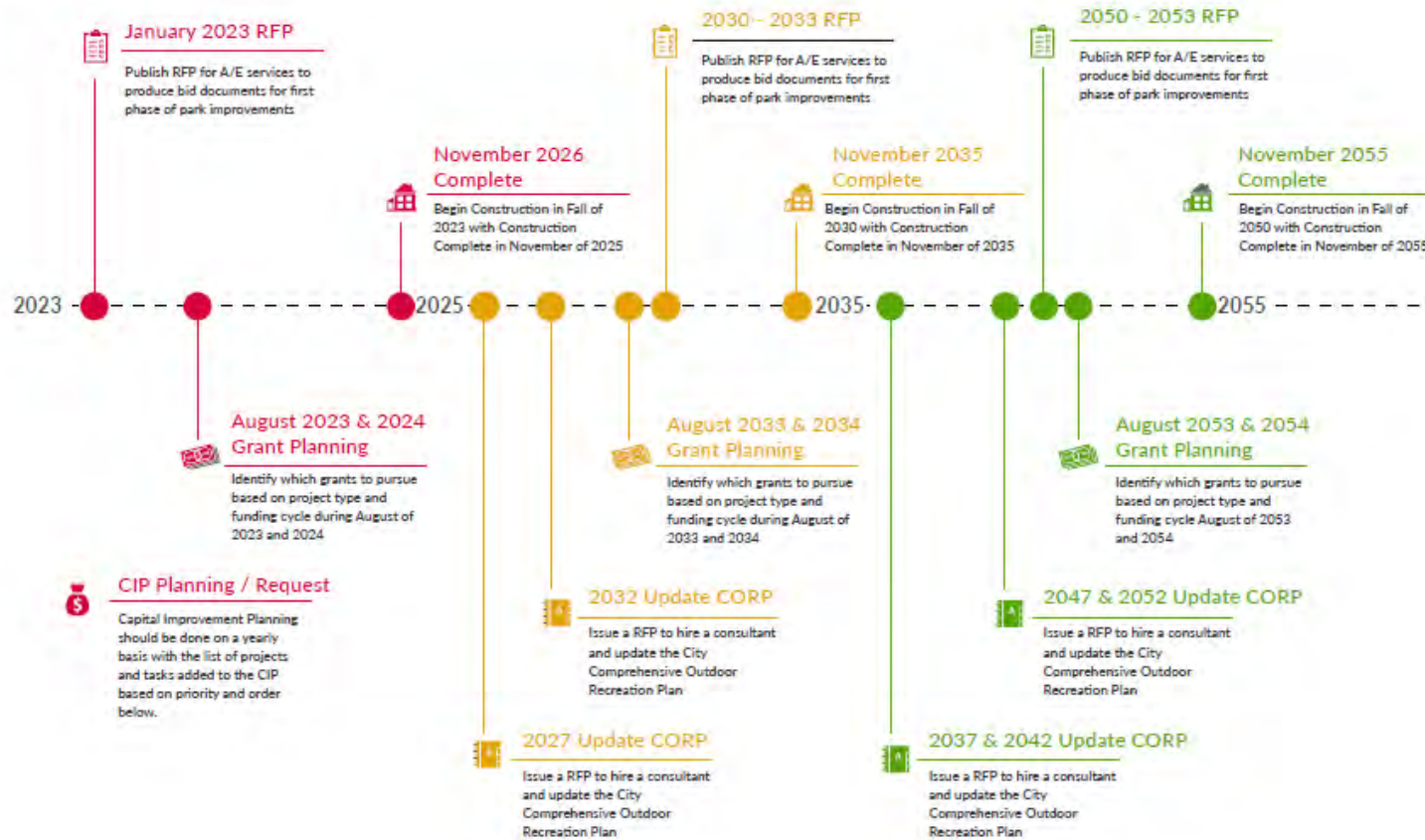
- Hydrological study. Provided understanding about the function of the current dam and modeled anticipated impacts of dam removal or dam modification.
- Lake bed survey and sediment sampling. Provided understanding about the characteristics of the sediment in the lake. This helped inform the design for the path of the river in the dam removal option and dredging project estimates.
- Community input provided vision and desired park program.
- Common Council reviewed the project concepts and adopted a preferred dam removal project concept and a preferred dam modification concept.
- Aging dam will result in major investments in Echo Lake, downtown, and surround areas

# Crafting a Vision: The New Park Master Plan



# Crafting a Vision: The New Park Master Plan

## Timeline



# Lessons Learned

