

# Milwaukee Metropolitan Sewerage District Kinnickinnic River Watershed Restoration

## Jackson Park Update (INFORMATION)

Milwaukee County  
Parks, Energy & Environment Committee  
March 12, 2019



# Kinnickinnic River Watershed



Lake Michigan

West Allis

Village of West  
Milwaukee

43

*Pulaski  
Park*

*Jackson  
Park*

*Wilson  
Park*

St Francis

Greenfield

43

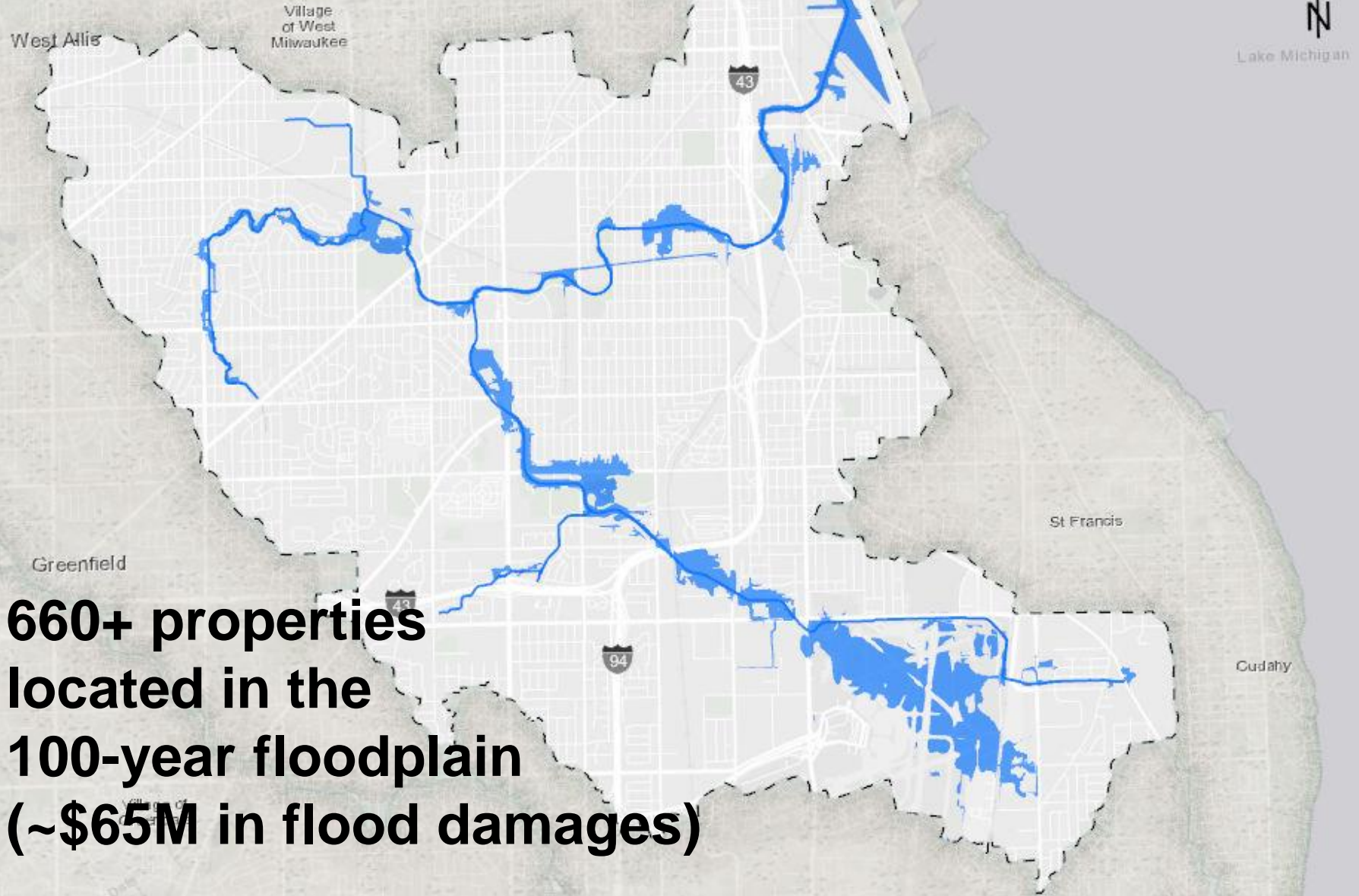
94

**General Mitchell  
International Airport**

Cudahy

Village of  
Greendale

# Updated Flood Risk



**660+ properties  
located in the  
100-year floodplain  
(~\$65M in flood damages)**



# Flood Risks

- Property Damage
- Public Safety

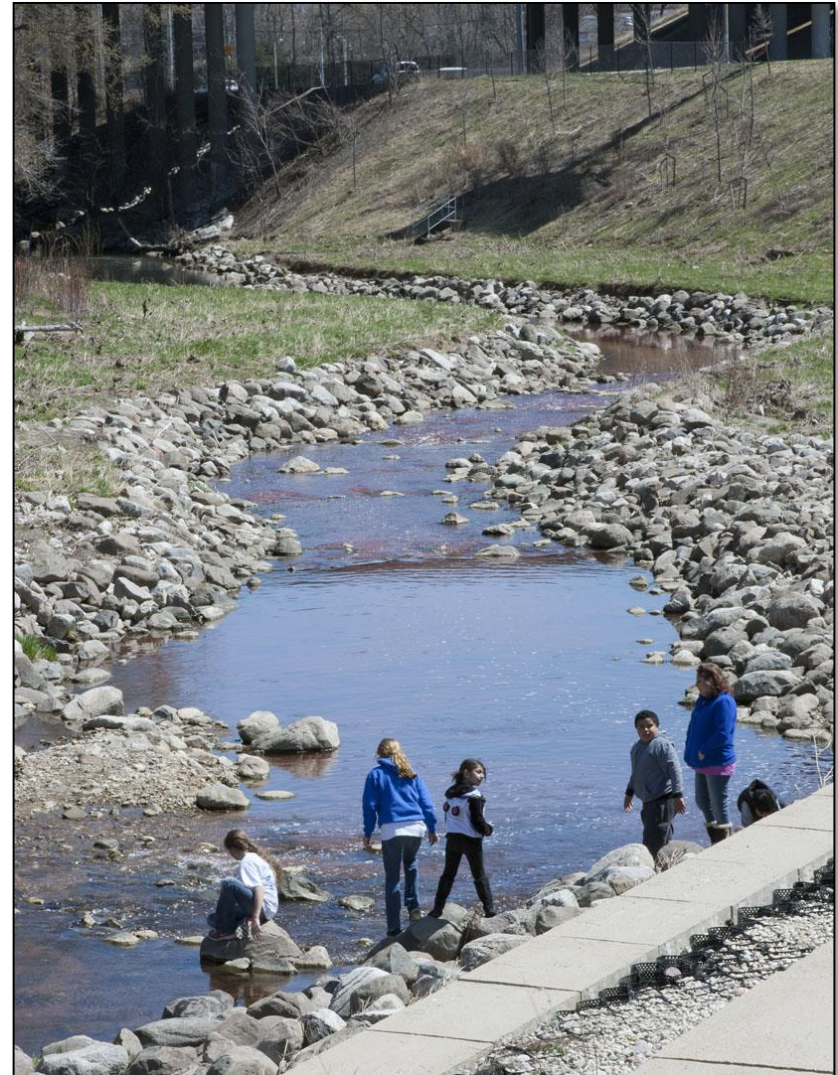




# KK River Watercourse Management Plan

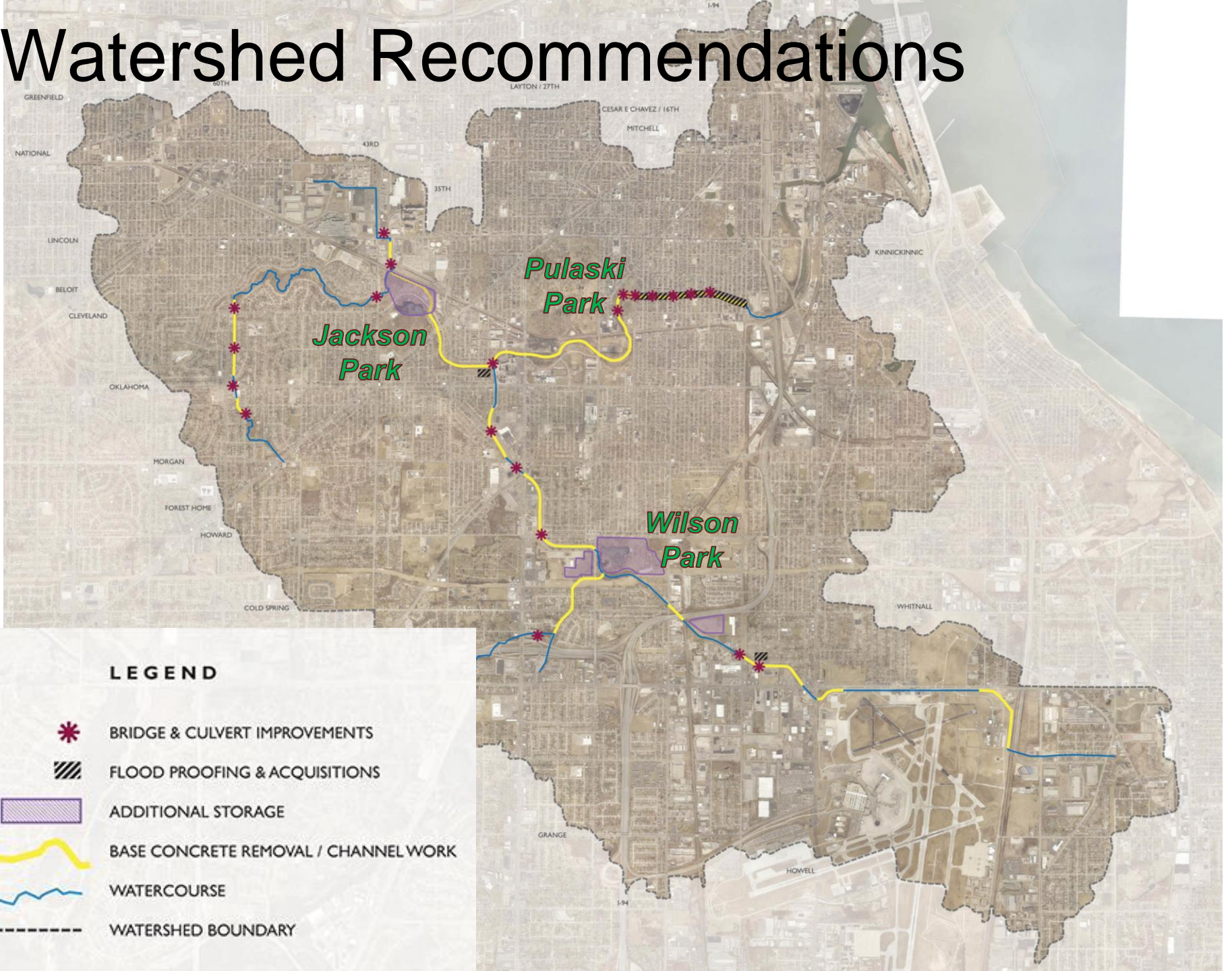
## Objectives:

- Reduce Flood Risk
- Improve Public Safety
- Improve Riparian & Aquatic Habitat
- Leverage Additional Community Objectives





# Watershed Recommendations



## LEGEND



BRIDGE & CULVERT IMPROVEMENTS



FLOOD PROOFING & ACQUISITIONS



ADDITIONAL STORAGE



BASE CONCRETE REMOVAL / CHANNEL WORK



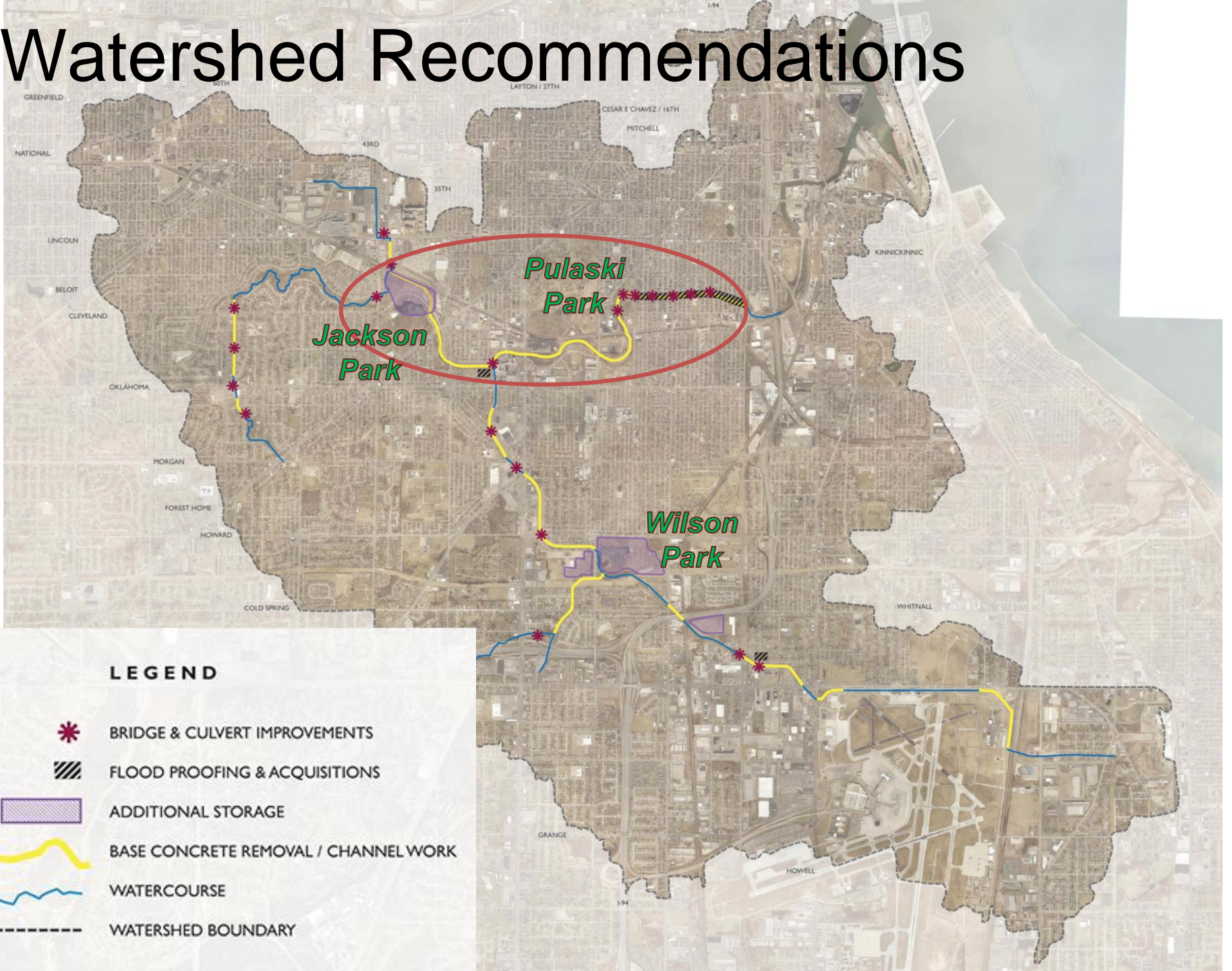
WATERCOURSE



WATERSHED BOUNDARY



# Watershed Recommendations





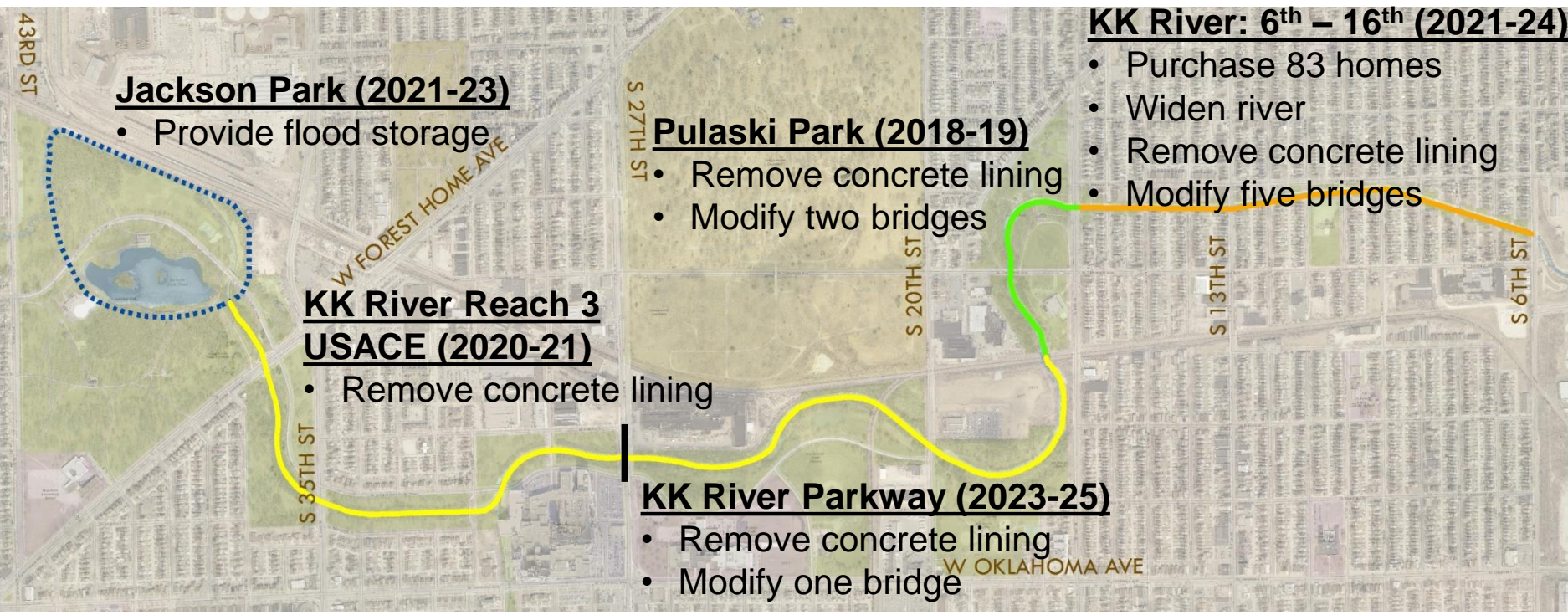
# Flood Risk

## KK River: 6<sup>th</sup> Street – Jackson Park

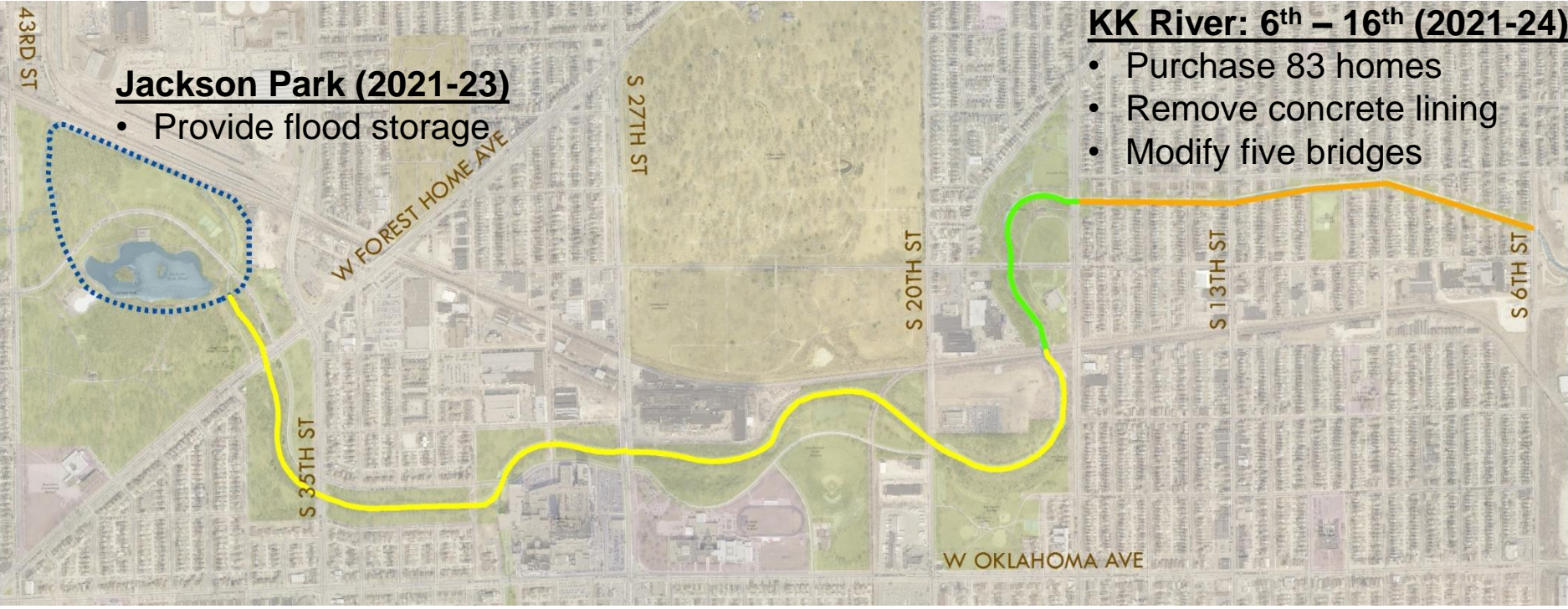




# KK River Project Sequence



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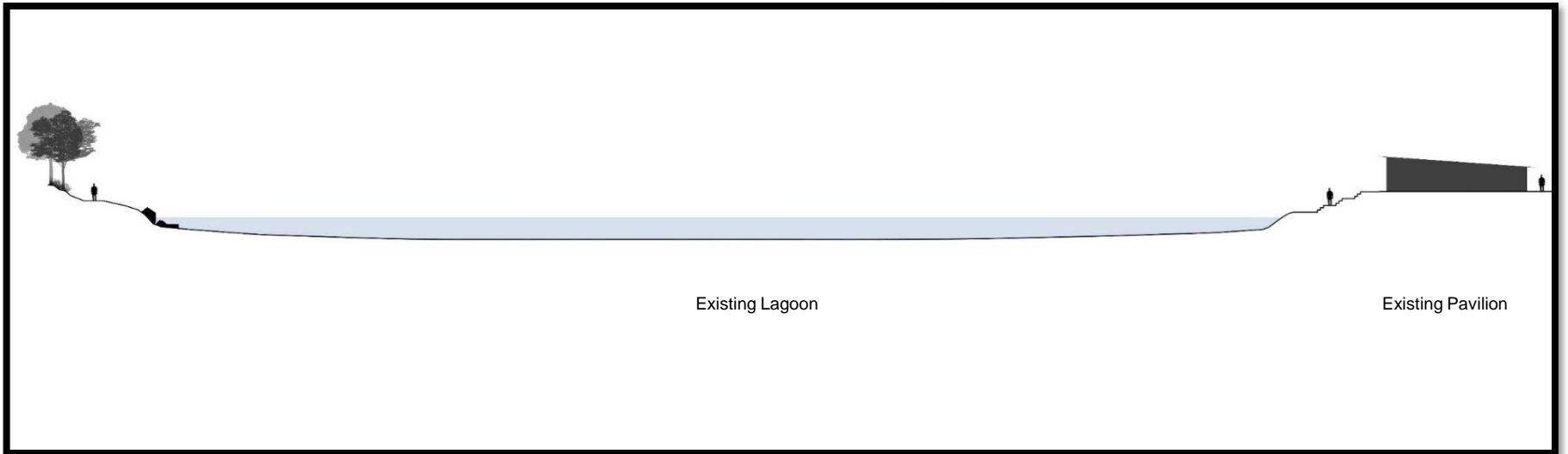


# Jackson Park



# JACKSON PARK LAGOON IMPROVEMENTS

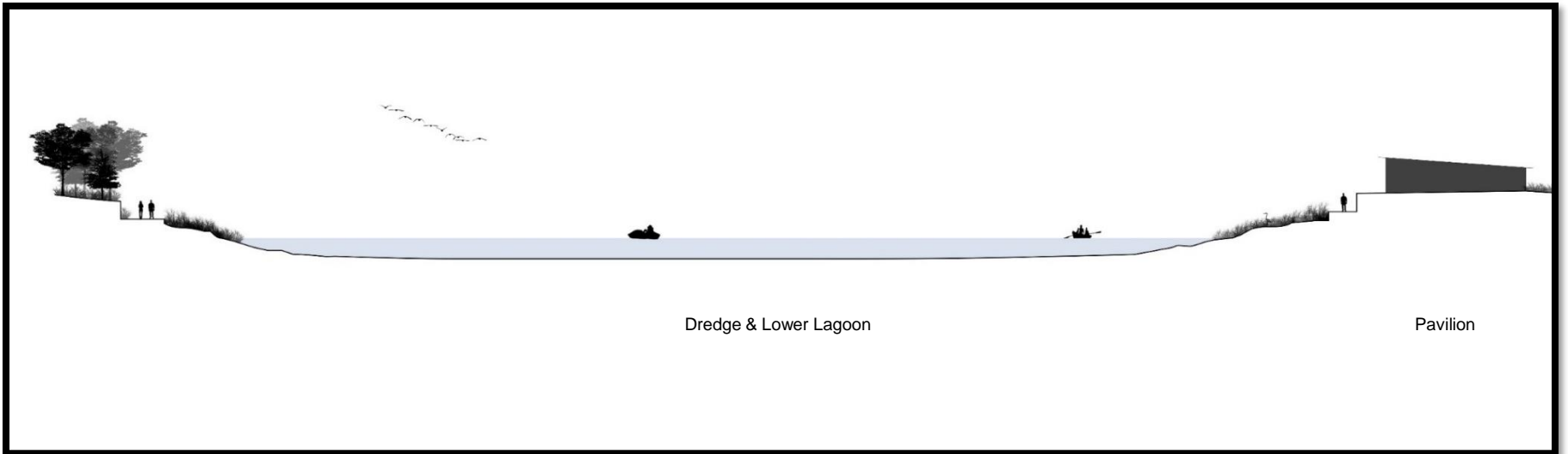
The proposed work would dredge the lagoon sediments and lower the water surface of the lagoon.





# JACKSON PARK LAGOON IMPROVEMENTS

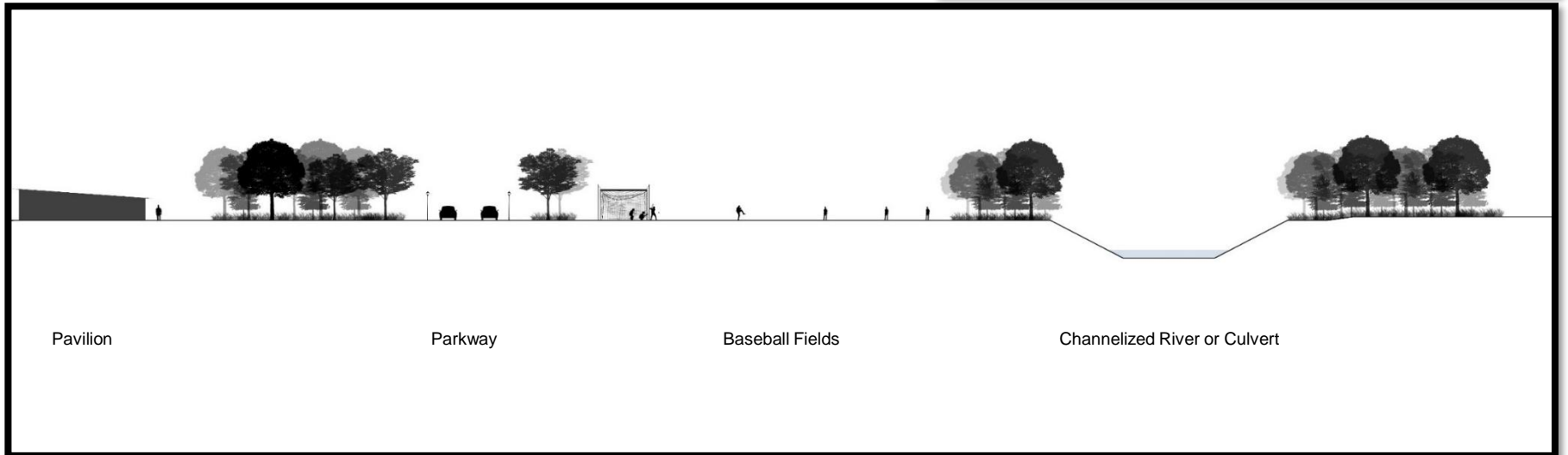
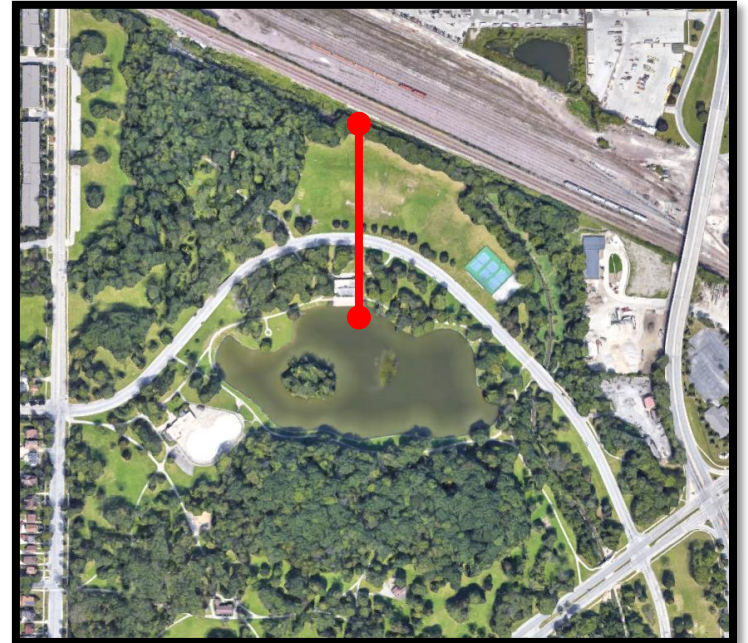
The proposed work would dredge the lagoon sediments and lower the water surface of the lagoon.



# JACKSON PARK

North of KK River Parkway

The work would also lower the backfields north of the parkway and daylight the river.

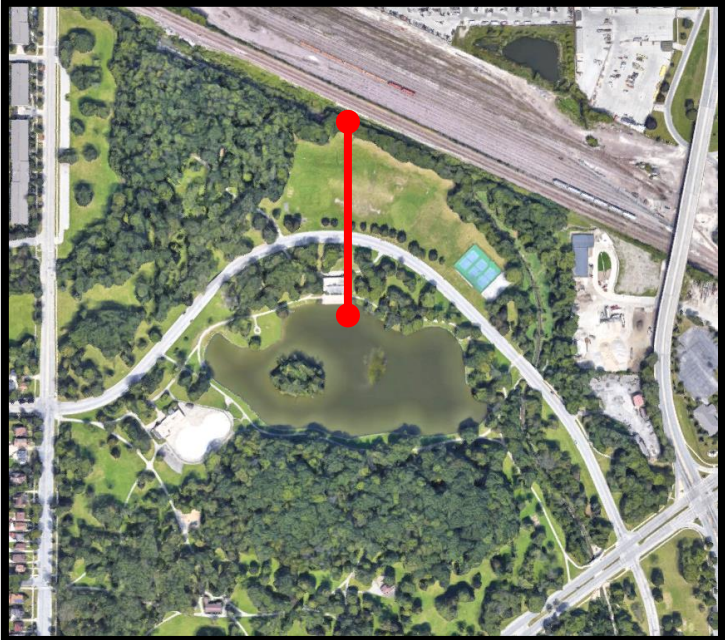




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North of KK River Parkway

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Pavilion

Parkway

River Play Park

Naturalized River

# Park Planning/Prelim Engineering 2017-18 Summary

- Contract with HNTB (Park planning scope with Smithgroup)
- Initial Stakeholder & Public Outreach
- Offsite flood storage analysis
- Addressing Compliance with the County's General Policy on Use of Park Land in Cooperation with Other Governmental Units (i.e. 23-point policy)



# Fall 2017 Stakeholder/Public Outreach

- Public surveys
- Farmer's Market and other neighborhood events
- Focus group meetings
- Advisory task force



# Fall 2017 Focus Groups



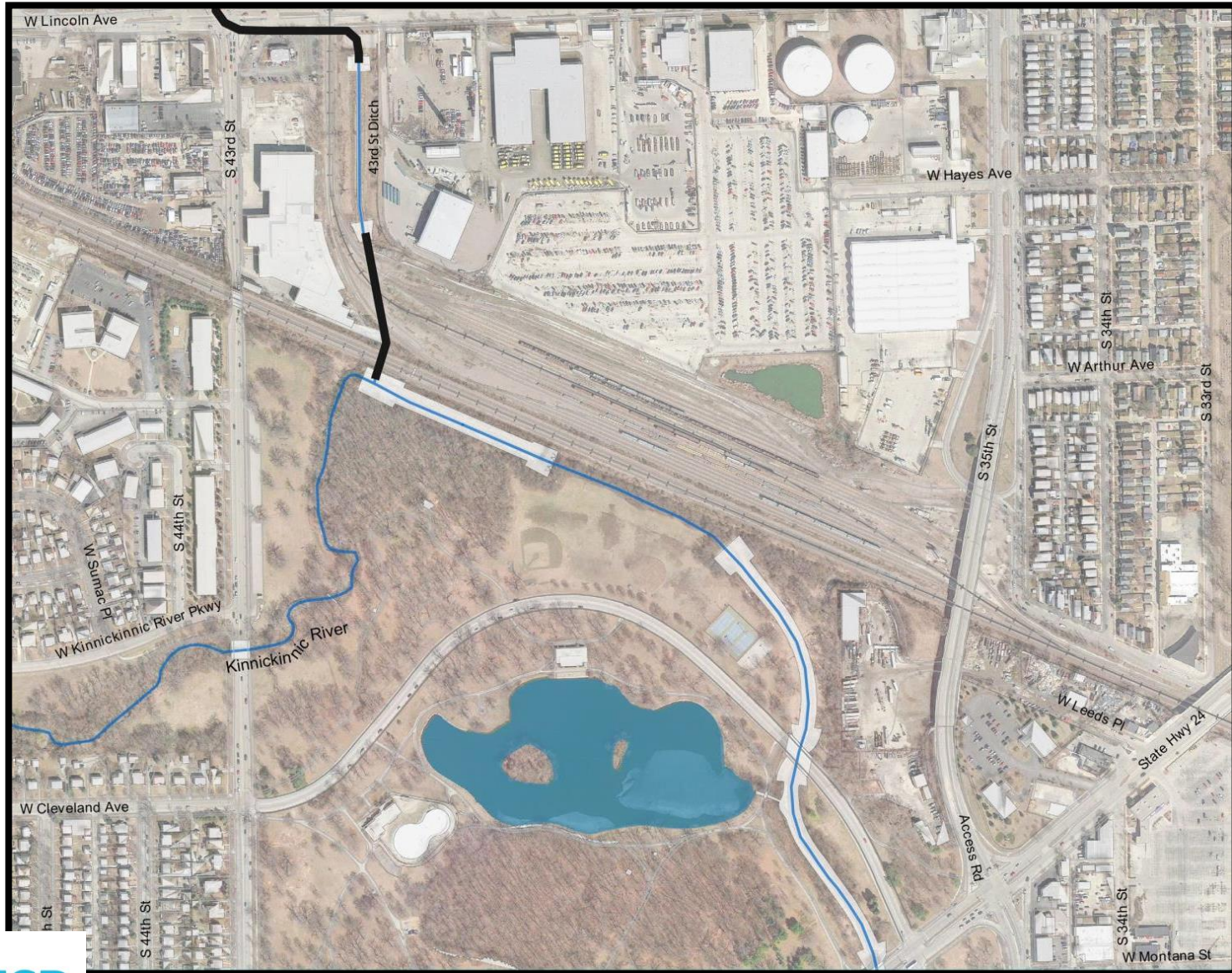


# Flood Storage Analysis



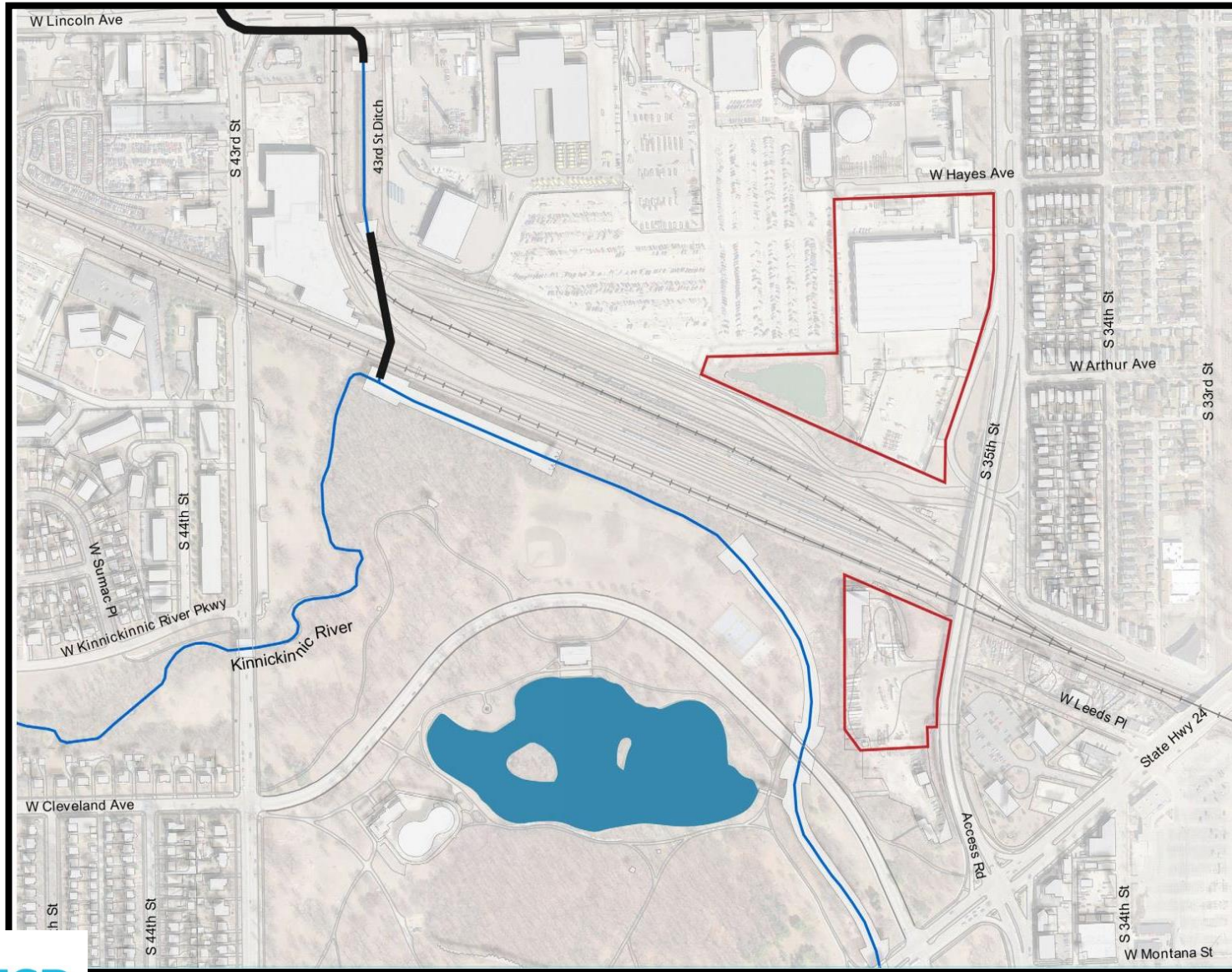


# Recommended Alternative



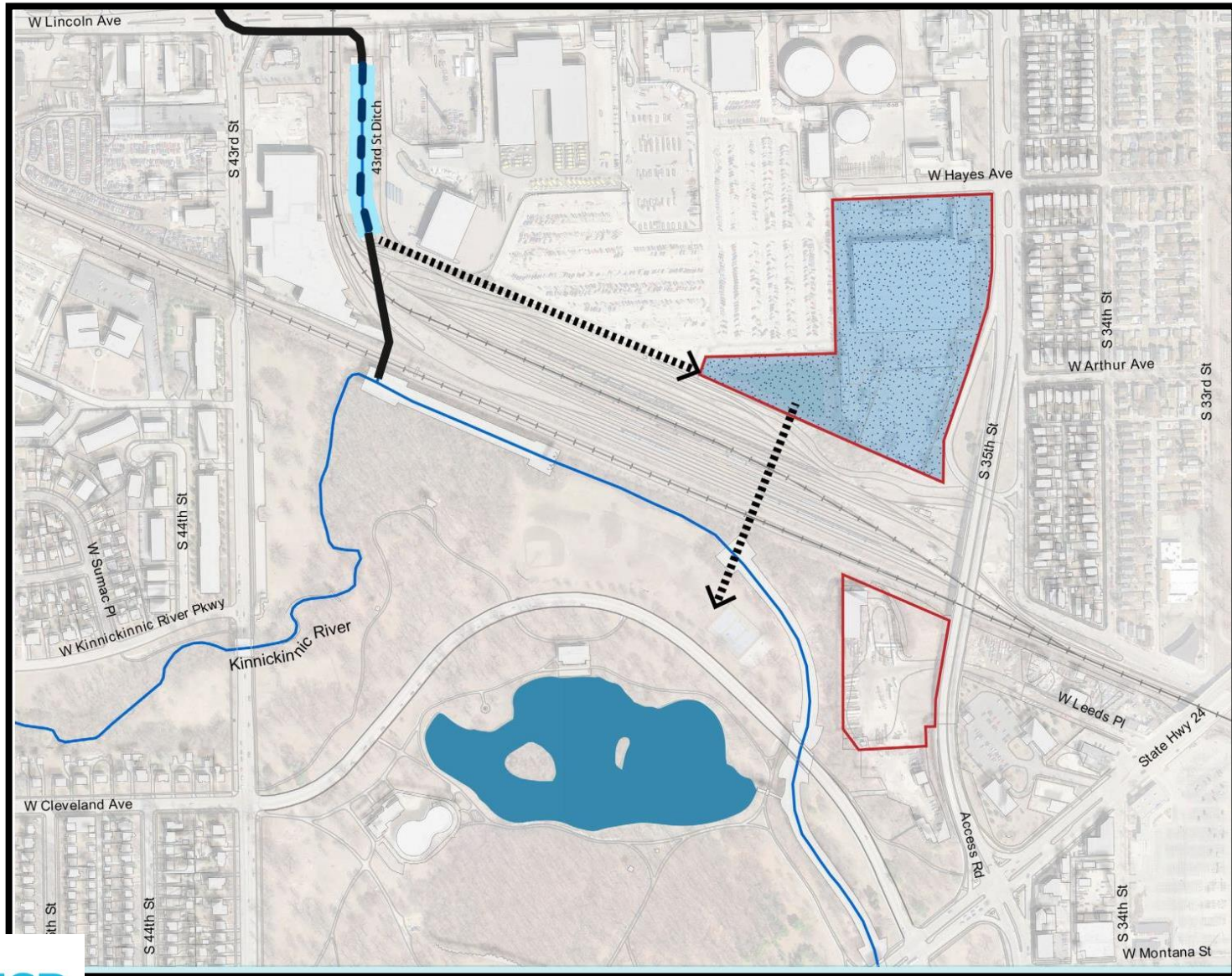


# Recommended Alternative



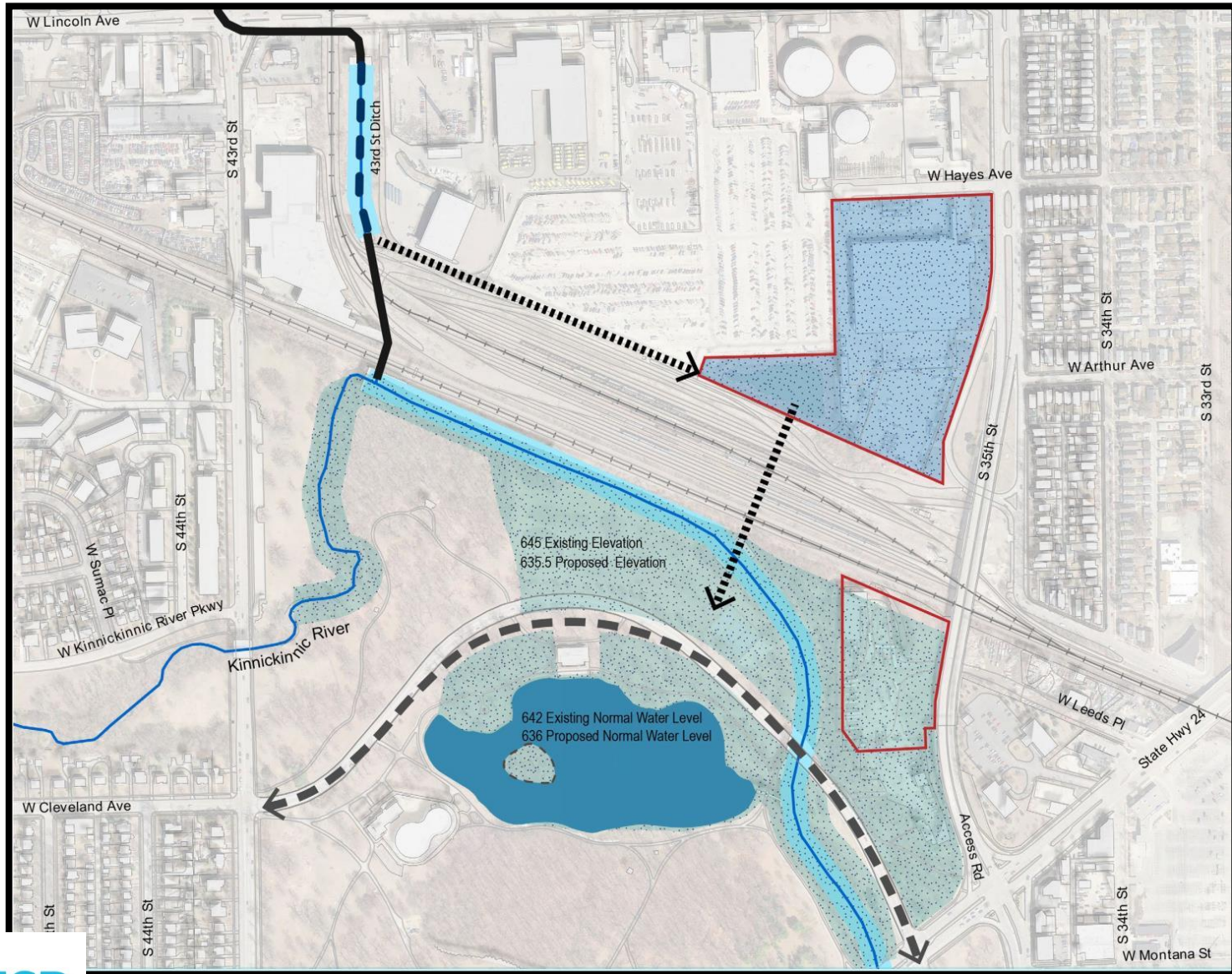


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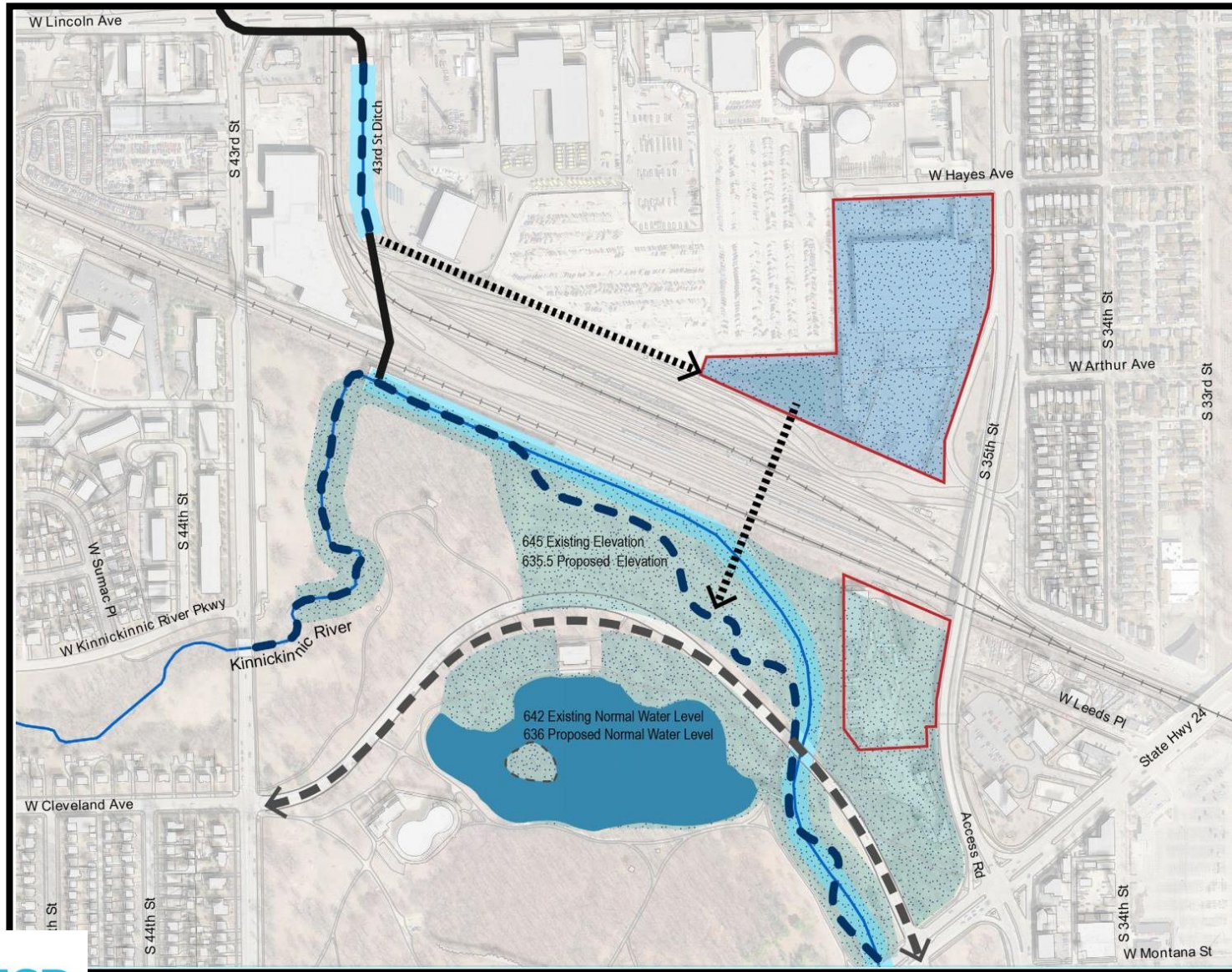


# Recommended Alternative





# Recommended Alternative





# 23-Point Policy Compliance

- Demonstrating the project is a public benefit
  - Reduce flood risk
  - Reduce risk of drowning
  - Improve water quality and habitat
- Evaluate alternatives that do not include the use of parkland
- No additional cost to Milwaukee County
  - Refined park planning scope
- District/County Parks will continue to evaluate of compliance throughout project

# Next Steps

- 2019: - Acquire adjacent parcels
  - Field investigations (e.g. soil & sediment testing)
  - Develop Jackson Park alternatives
  - More public outreach
- 2019-20: Finalize park plan and develop agreement with Milwaukee County
- 2020: Develop final design
- 2021-23: Construct improvements





Questions?