

Metropolitan Water Reclamation District of Greater Chicago





Overview of Presentation

- Overview of Project
- Need for the Project
- Design History of Project
- Stakeholder Involved
- Preconstruction Site Cleanup and Demolition
- Preconstruction Utility Relocation
- Construction of Addison Creek Reservoir
- Update on Addison Creek Channel Improvements
- Milestones to Completion of Project





Addison Creek Reservoir & Channel Improvements



- Protects 2,200 Properties
 - Northlake
 - Stone Park
 - Melrose Park
 - Bellwood
 - Westchester
 - Broadview
- 1,700 Properties Removed from the Floodplain
- \$116 Million in Flood Benefits
- Reservoir Stores 195 MG
- 3 Miles of Channel Improvements



April 2013 Flood





Detailed Watershed Plan

Final Report

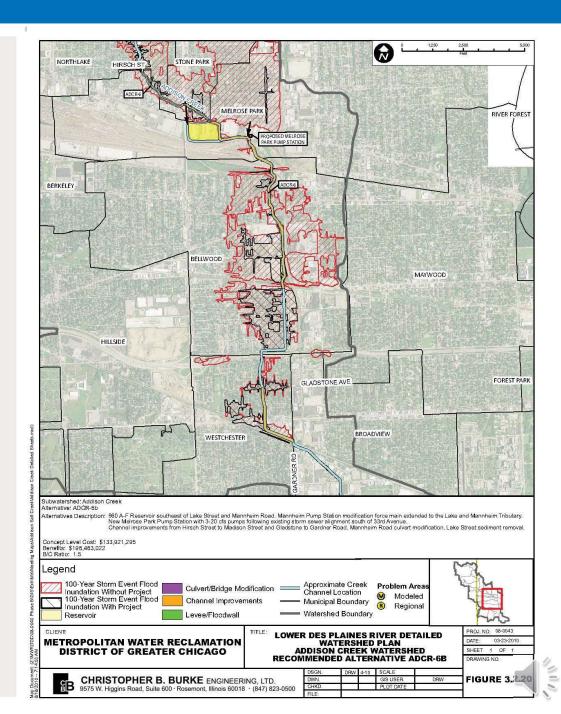
Detailed Watershed Plan for the Lower Des Plaines River Watershed: Volume 1

Prepared for

Metropolitan Water Reclamation District of Greater Chicago

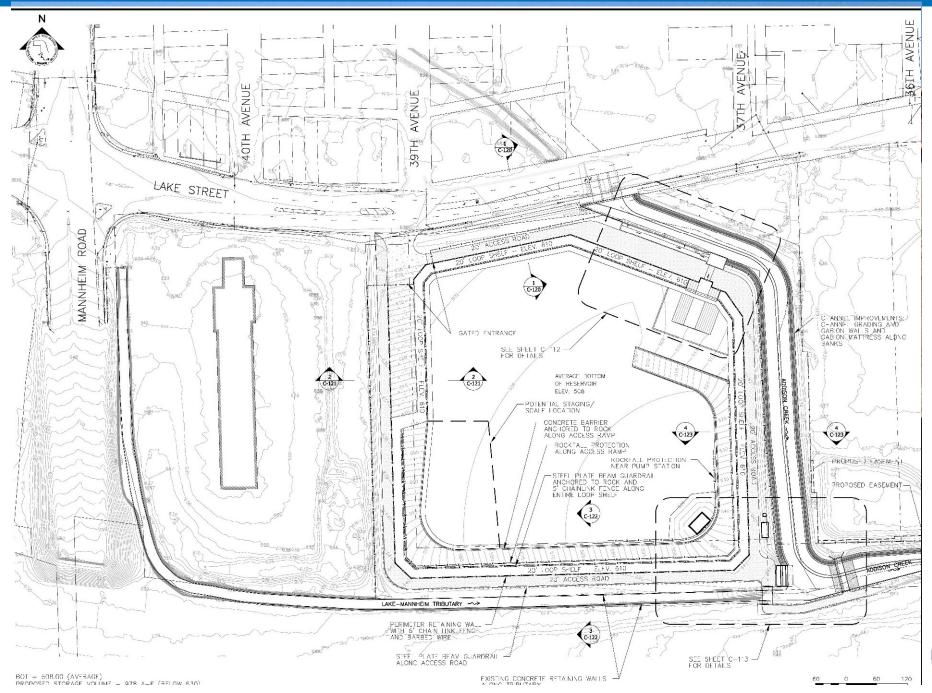
February 28, 2011







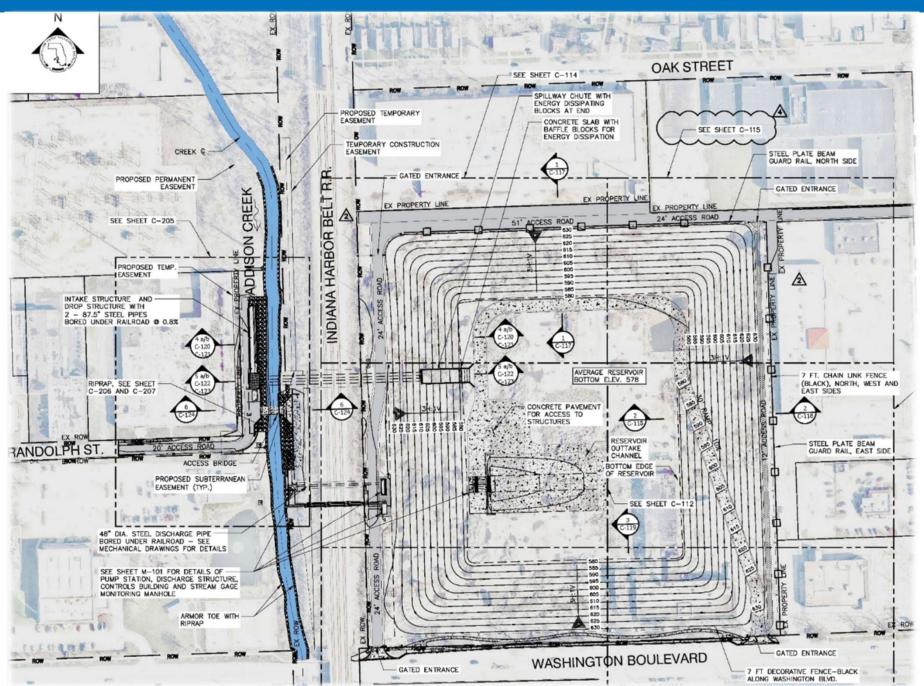
Preliminary Design - Melrose Park Site







Final Design - Bellwood Site







Stakeholders and Challenges



Cuna







Nubani Brothers, LLC





EFN Bellwood Properties, LLC

MEMORIAL PARK DISTRICT

WHERE FUN IS SERIOUS BUSINESS















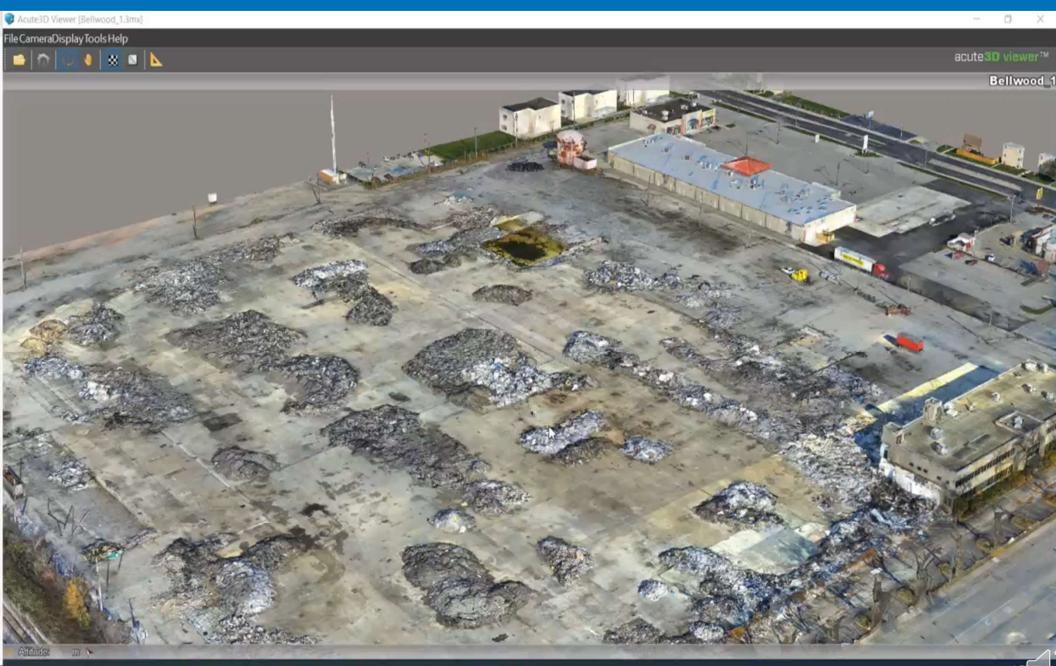


US Army Corps of Engineers ® Chicago District





Removal of Piles of Debris





Removal of the Debris Pile

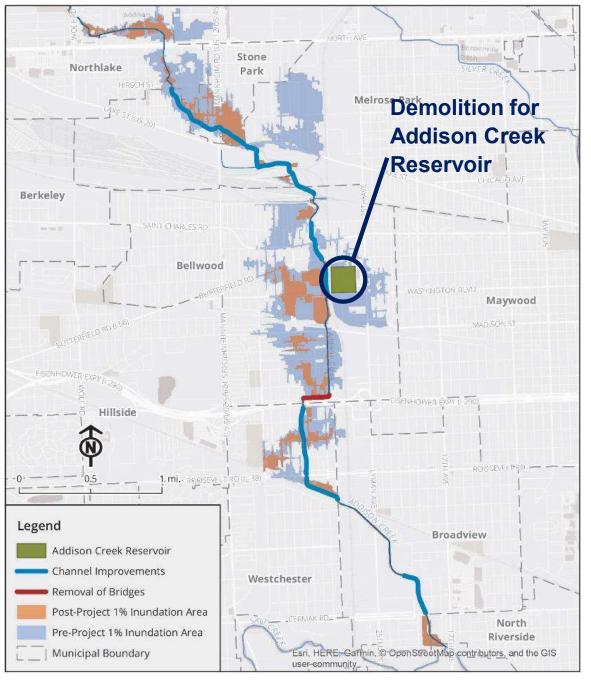


- JOC Contractor:
 Meccor Industries Ltd
- Awarded: June 2017
- Completed:
 August 2017
- Cost: \$1.06 million





Demolition for Addison Creek Reservoir

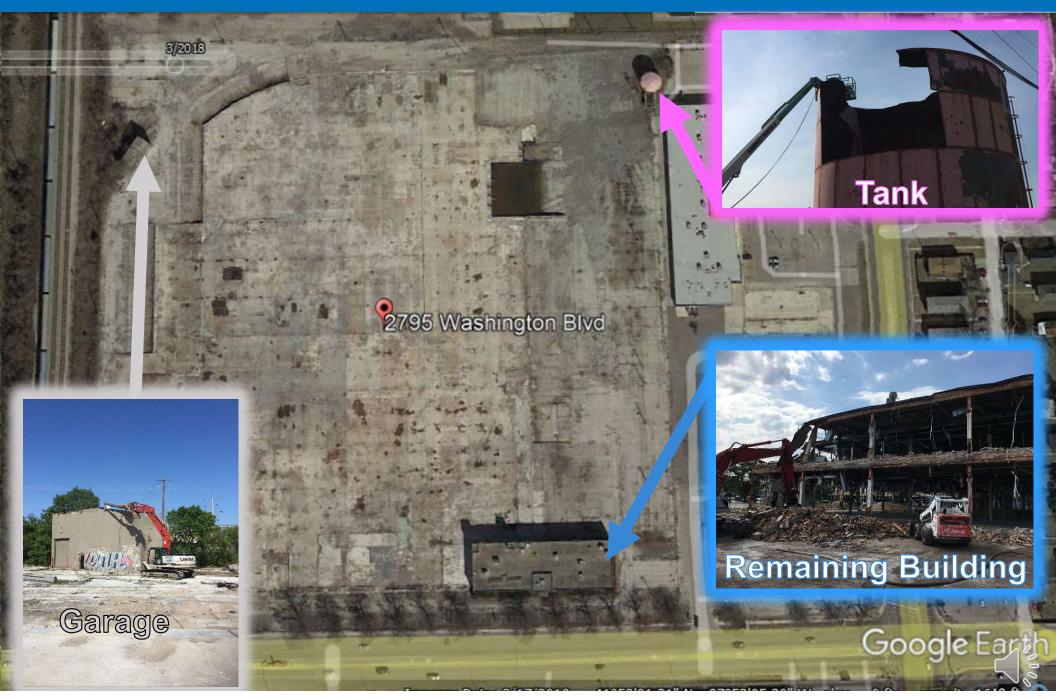


- **Contract**: 11-186-AF
- Contractor:KLF Enterprises
- Awarded: March 2018
- Completed: May 2018 to July 2018
- Cost w/ CORs: App. \$274K



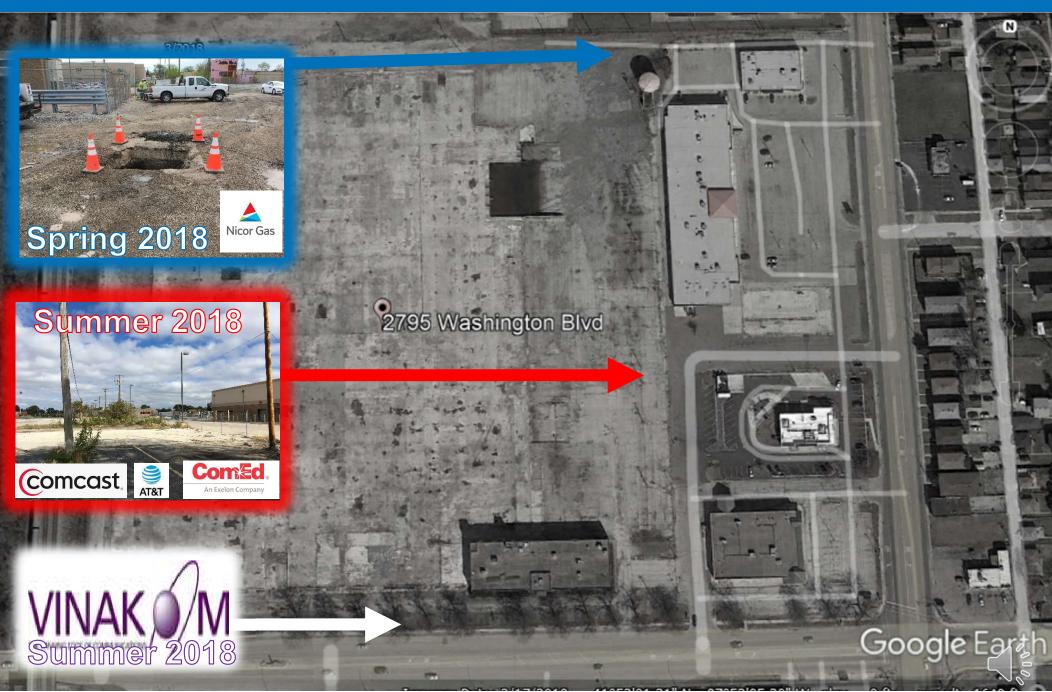


Demolition Contract



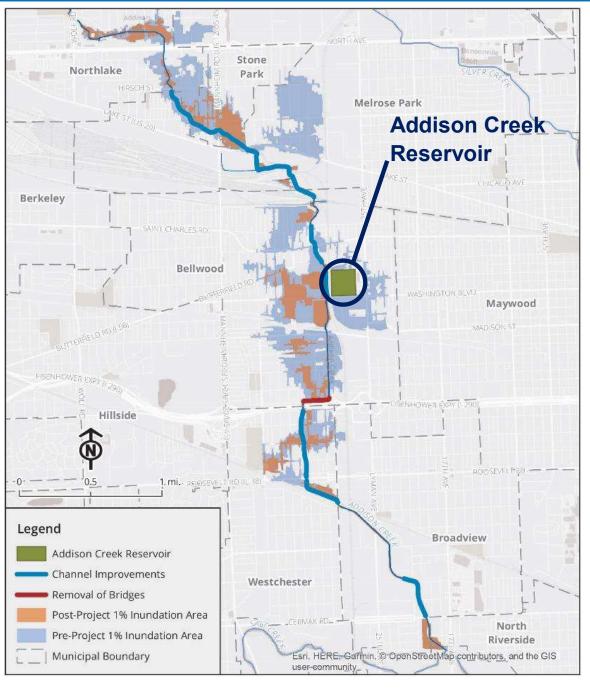


Relocations of Utilities



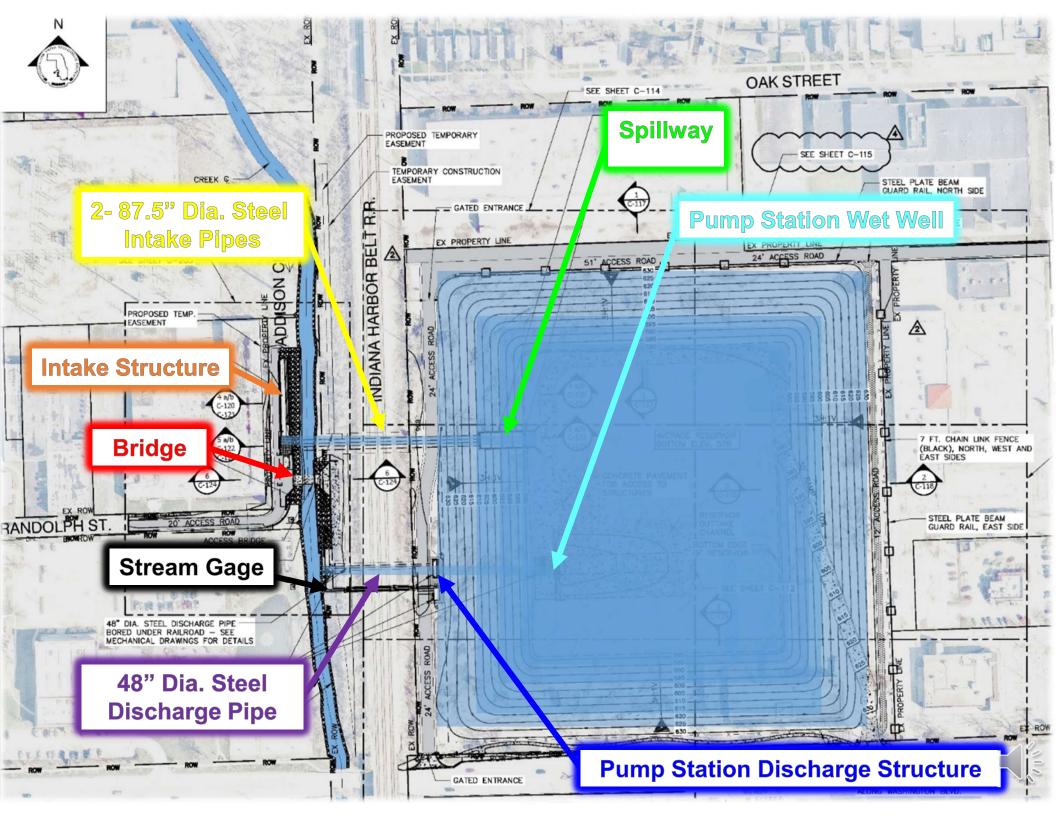


Addison Creek Reservoir



- Contract: 11-186-3F
- Contractor:
 IHC Construction
- Award Date:
 January 2019
- Completion Date:
 Est. Summer 2023
- Award Value: \$63,280,000
- Current Value w/ CORs: \$81,304,221.95
- Reservoir Capacity:
 600 ac-ft or 195MG





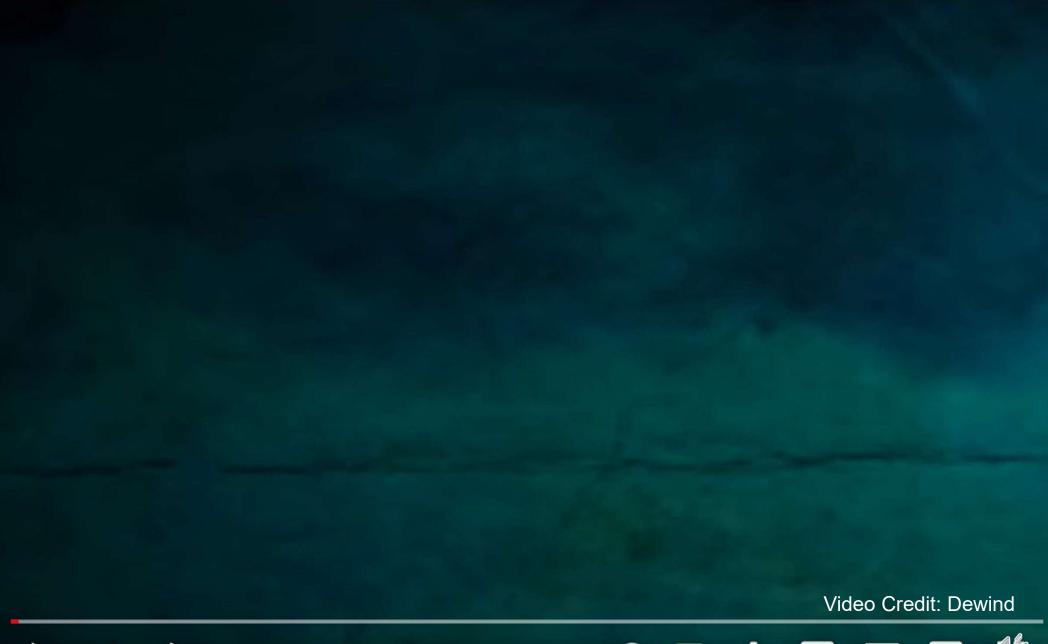


Major Construction Components

- Soil-Bentonite Wall
- Tunneling
- Stream Channel Improvements
- Construction of Control Structure, Intake/Drop Structure, Spillway, and Pump Station
- Contaminated Soil
- Mass Excavation





















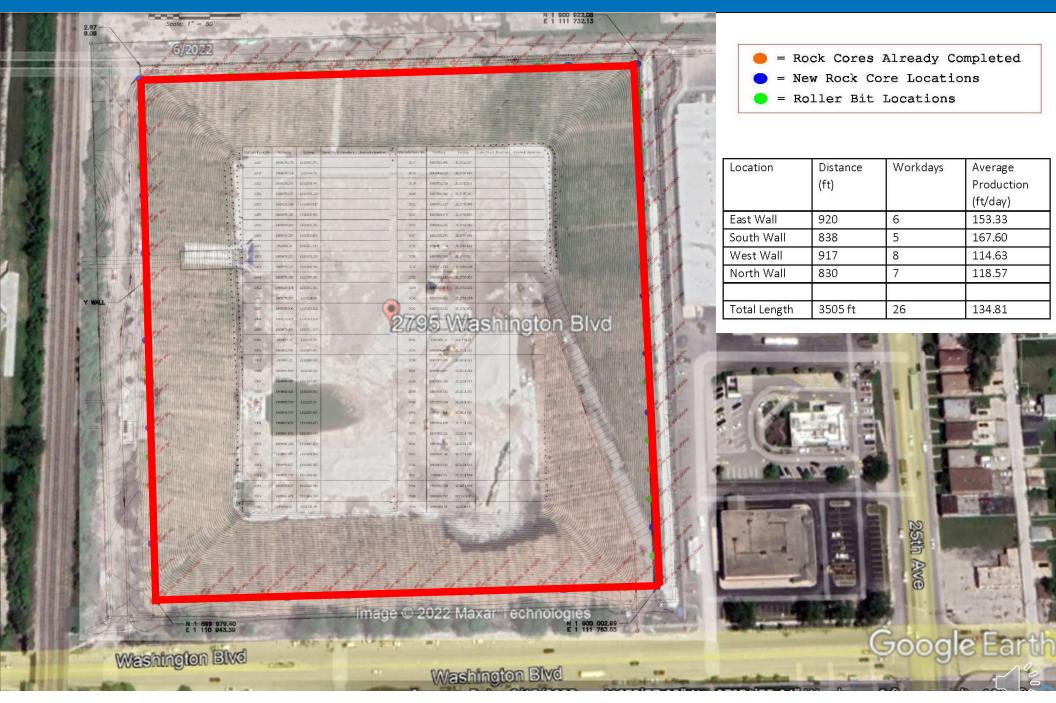




















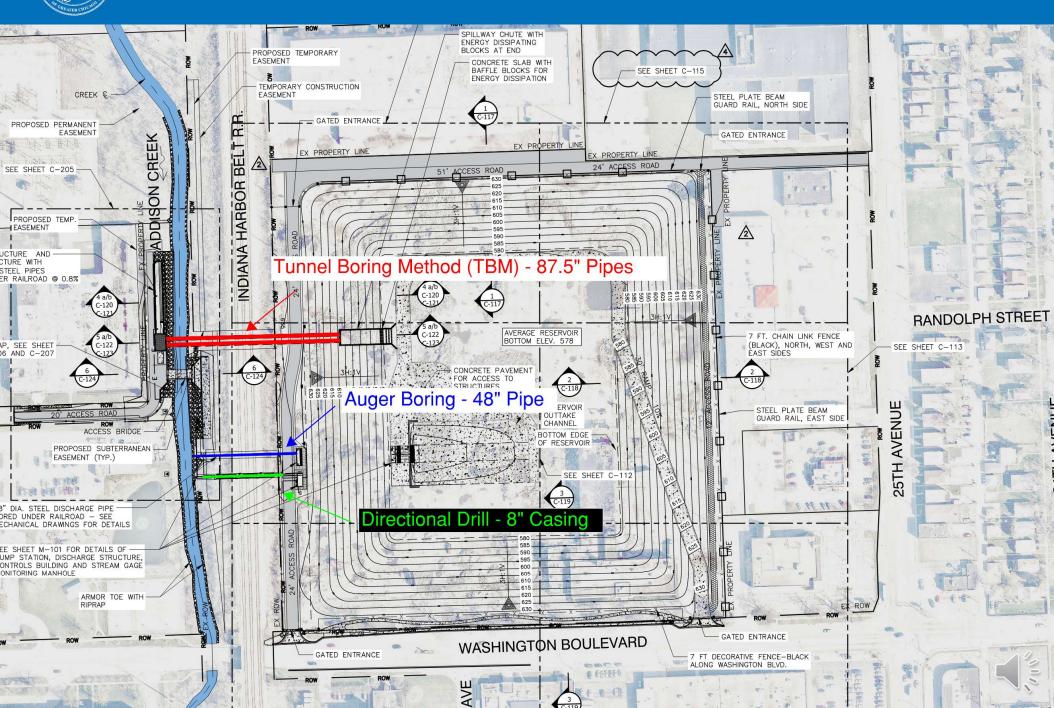








Tunneling



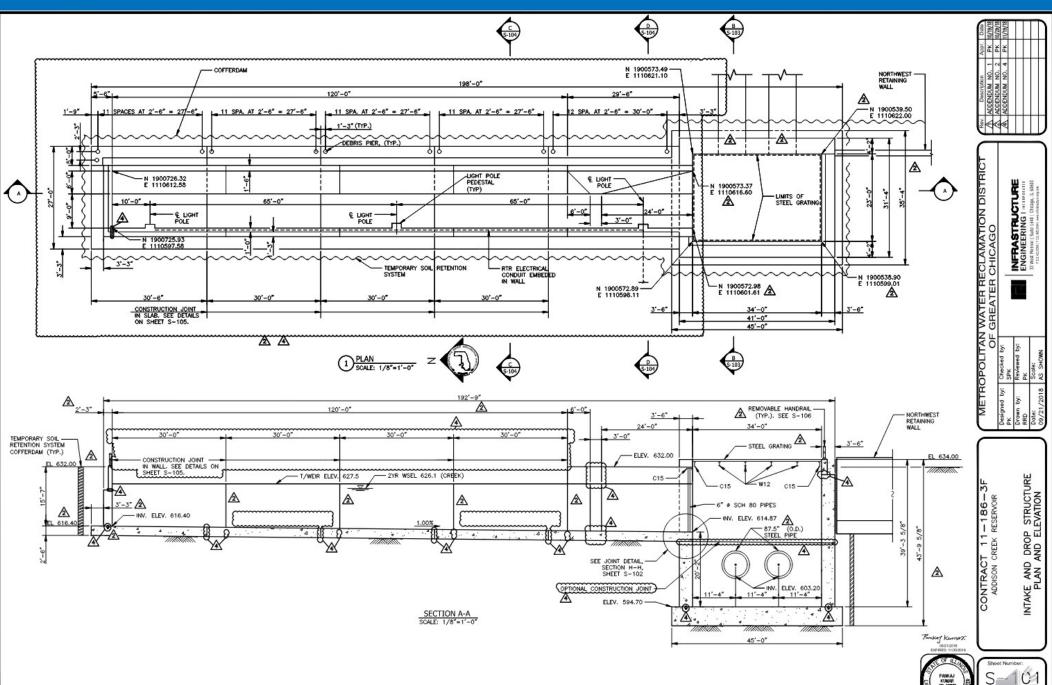


Installation of 87.5-inch Diameter Pipes



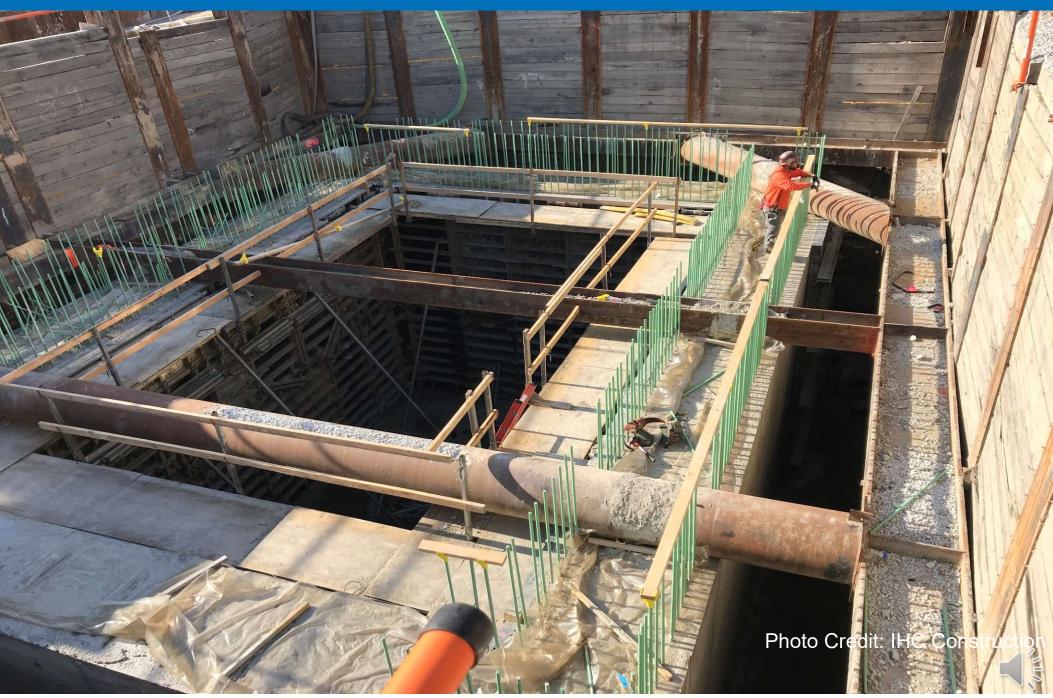


Intake/Drop Structure





Drop Structure



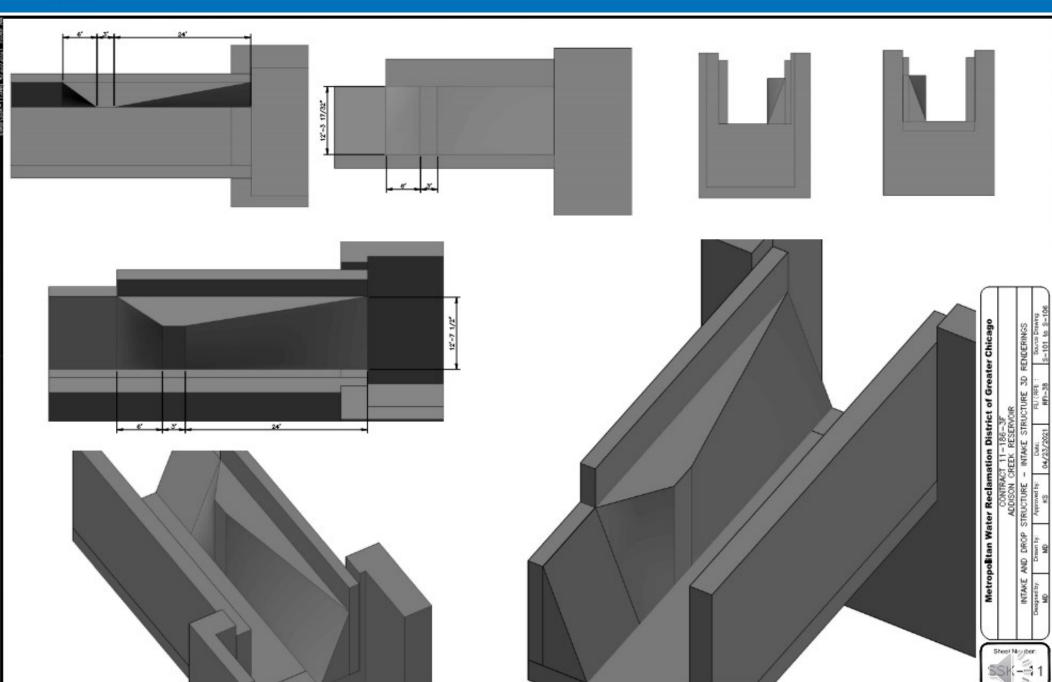


Drop Structure



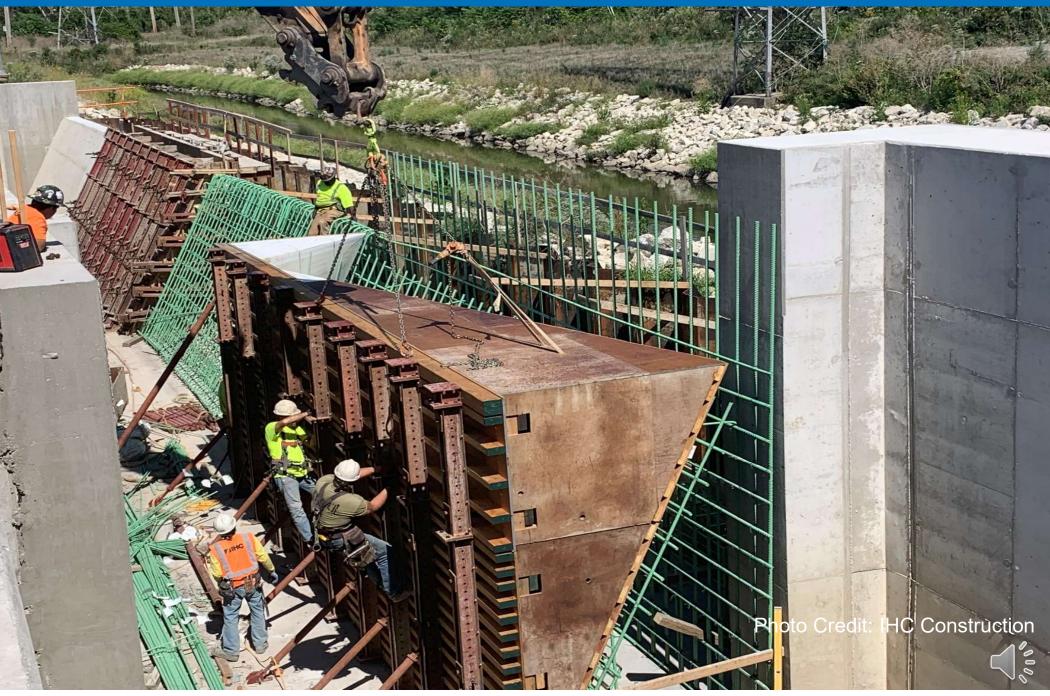


Intake Structure



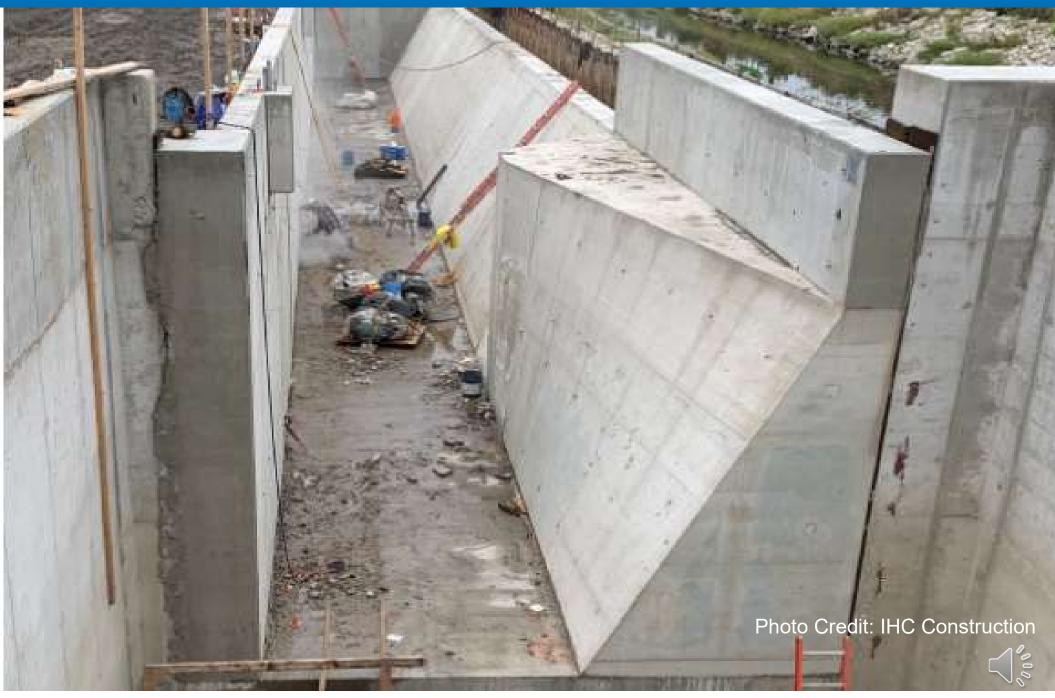


Intake Structure



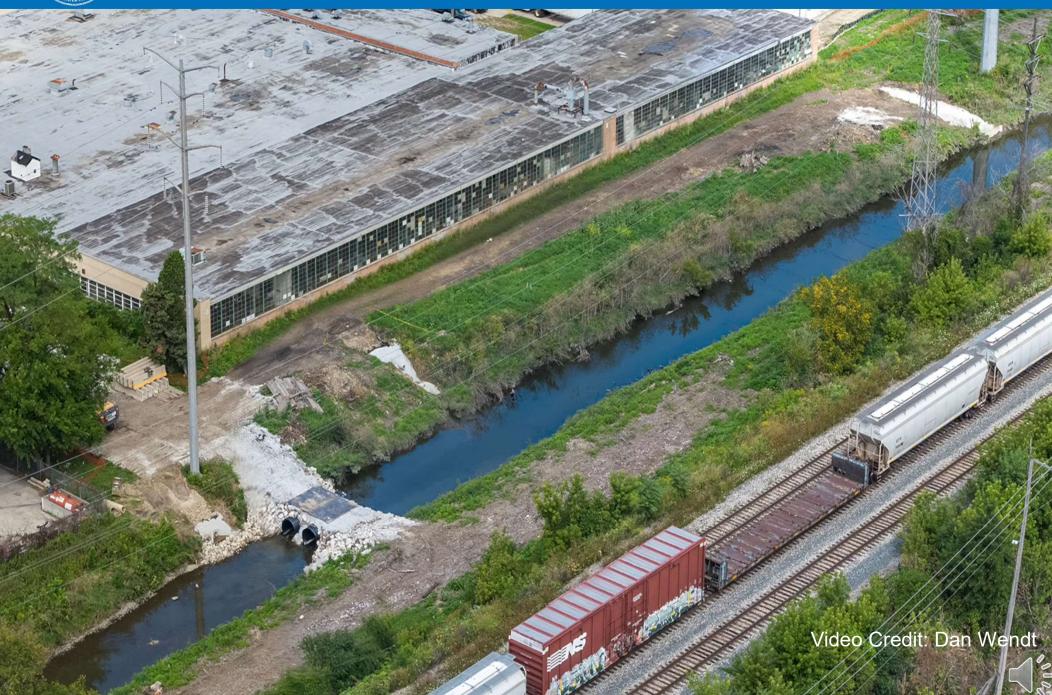


Intake Structure





Bridge, Intake Structure, and Drop Structure





Spillway





Pump Station



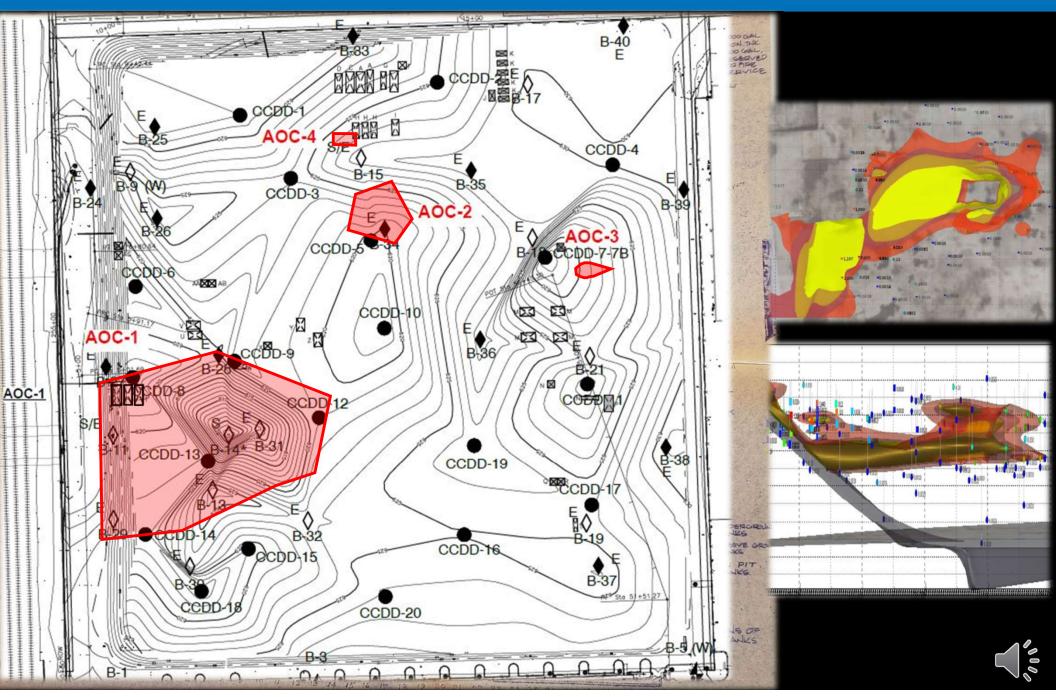


Pump Station





Source Contamination





Contaminated Soils

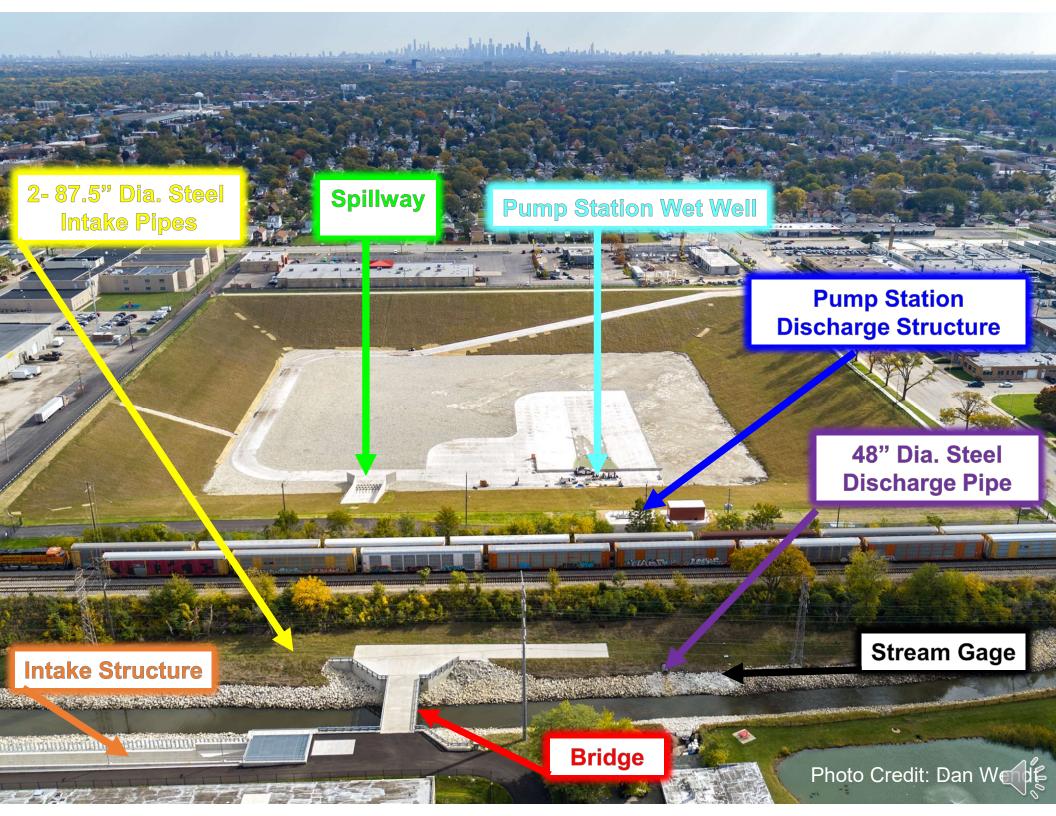




Mass Excavation - Dewatering

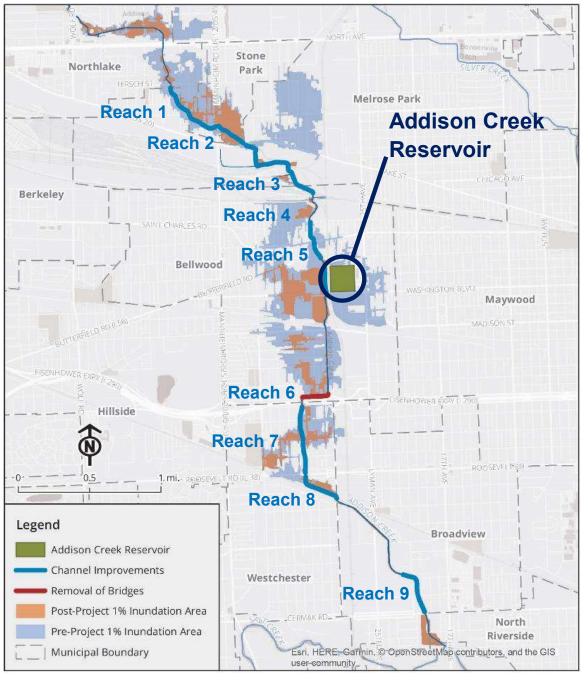








Demolition for Addison Creek Channel Improvements



- **Contract**: 11-187-AF
- Contractor:

McDonagh Demolition, Inc.

Awarded:

July 2021

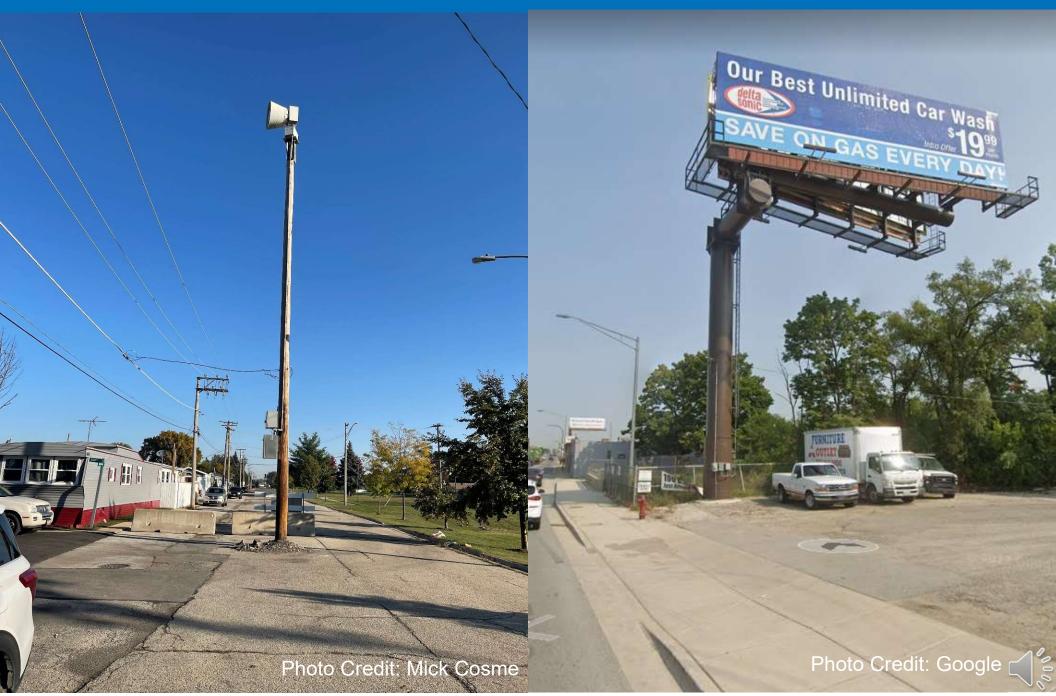
- Completed:
 January 2022
- **Cost**: \$747,601
- Demo

16 Residential Homes &13 Mobile Home Trailers

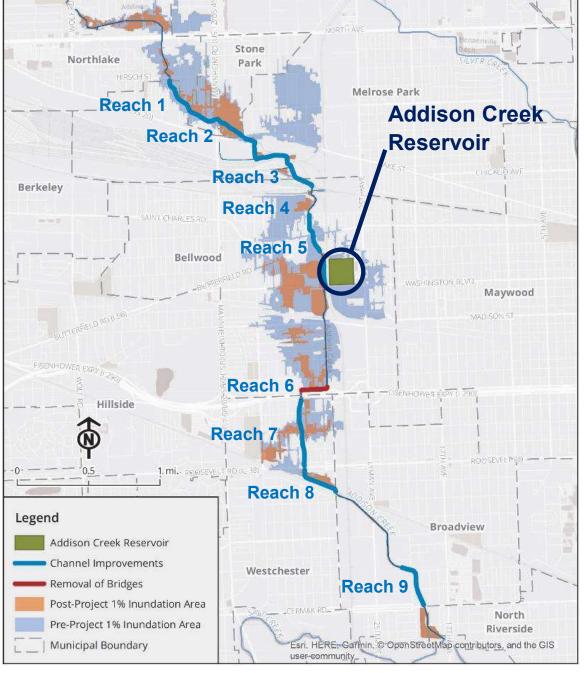




Relocation Warning Siren and Billboard





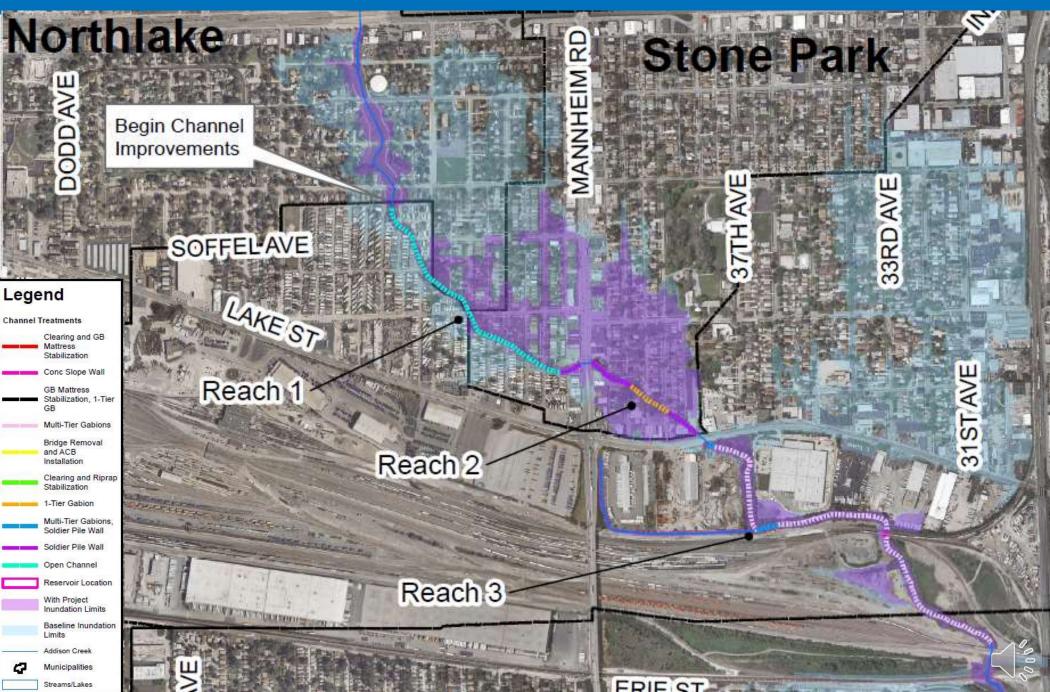


- Contractor:
 TBD- Currently Out for Bids
- Est Award Date: Summer 2023
- Est. Completion Date: Summer 2026
- Est. Value:

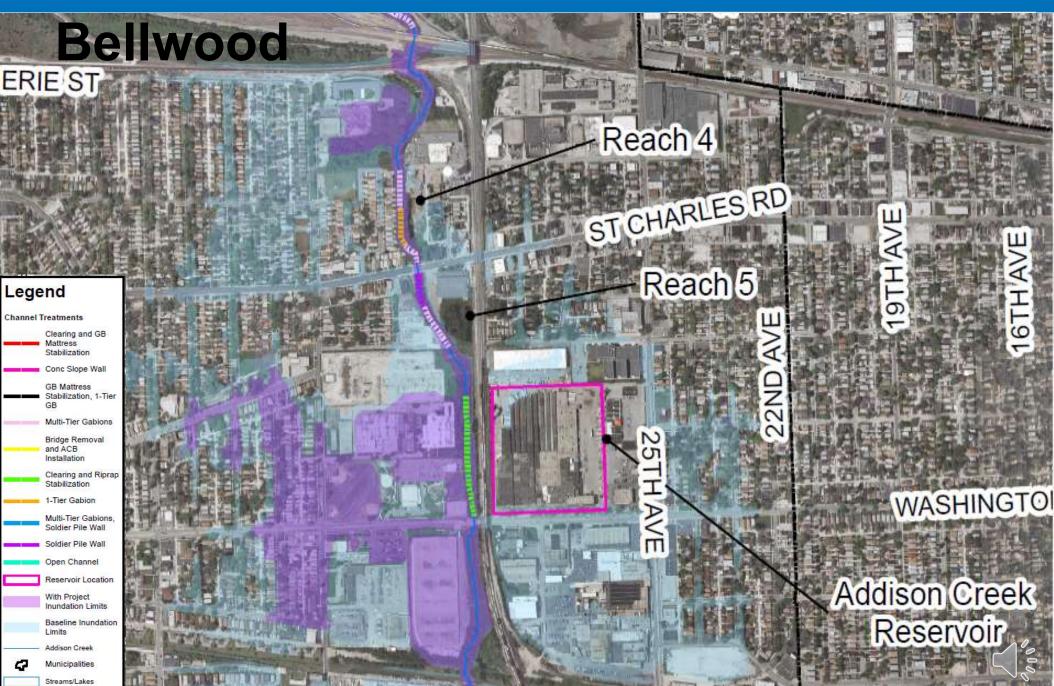
 Between \$57,133,000

 and \$69,161,000
- Channel Improvements:
 App. 3 miles

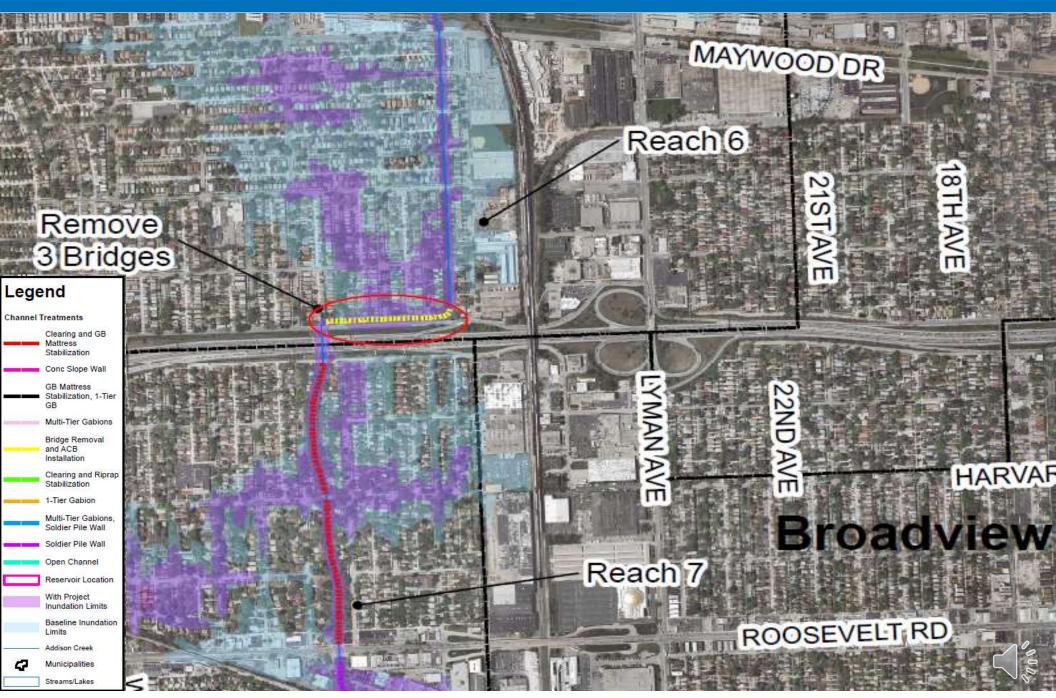


















Milestones to Completion

Complete Reservoir Control Building - Spring 2023

Place Reservoir Online - Summer 2023

Construct Reach 1, 2, Upstream 3, 7, & 9 - Summer 2024

Construct Reach Downstream 3, 4, 5, 6, & 8 - Summer 2025

Following with FEMA Map Revisions