

# Sustainable Flood Mitigation Efforts

City of North Chicago

Lake County Stormwater Management Commission



- Where is North Chicago located?
  - 35 miles from downtown Chicago
  - 15 miles from Wisconsin
- How big is North Chicago?
  - 29,615 residents (2019 estimate)
  - 1/2 being Naval Station Great Lakes
- What is in North Chicago?
  - Naval Station Great Lakes
  - Abbott Labs
  - AbbVie
  - Rosalind Franklin University
  - Jelly Belly
  - EMCO
  - Procter & Gamble

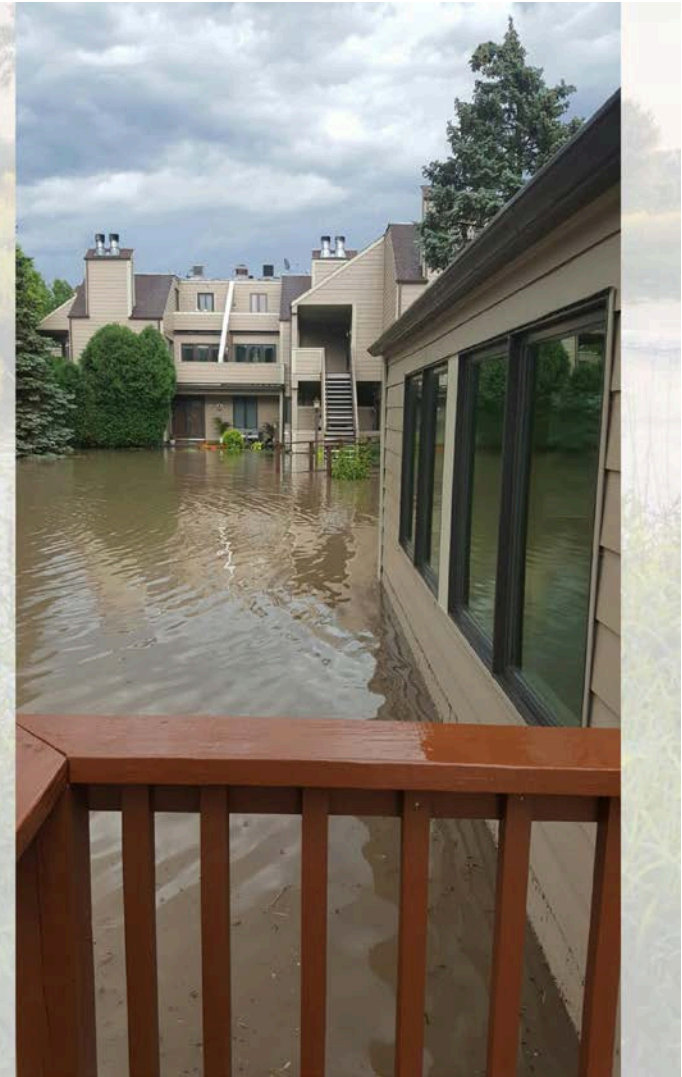


# Strawberry Condos





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January 19, 2021



STORMWATER MANAGEMENT COMMISSION

Kurt Woolford  
Ashley Strelcheck

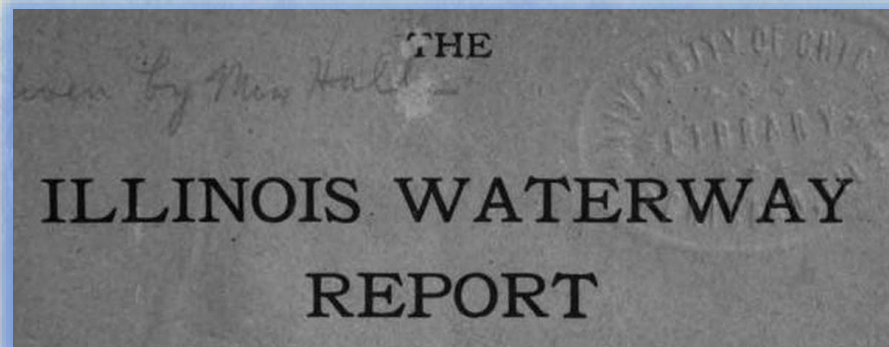
## *Lake County SMC's Mission*

*Coordinate the stormwater activities of over 80 local jurisdictions to improve water quality, reduce flood damages, and restore and enhance the natural drainage system.*





# First Recorded Flood in Chicago

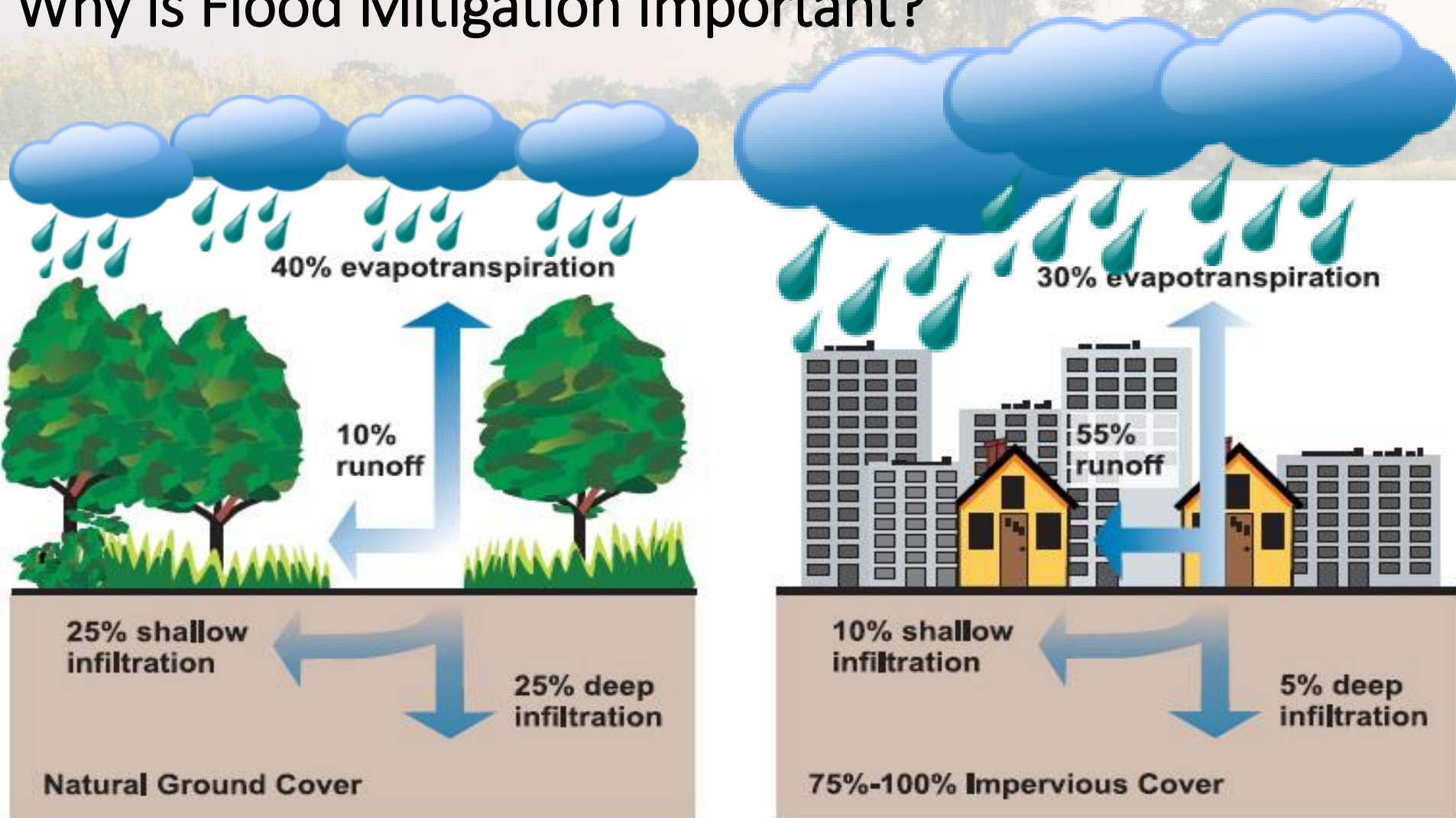


the lake of Illinois. At the extremity of this lake would be the cut or canal of which I have spoken, to have a passage to the St. Louis river, which empties into the Mississippi. The bark, having entered this river, could easily sail to the Gulf of Mexico."

Marquette returned to Chicago late in 1674, and wintered "two leagues" from the lake, adjacent to the west fork of the south branch of the Chicago river, near Robey street. On March 29, 1675, he was driven from his cabin by flood waters, due to the spring breakup of the Desplaines river and ice gorges. He secured his effects in trees and took refuge on a "hillock." On March 31, he crossed the divide in his canoes and proceeded to the Illinois country, passing the site of Utica,



# Why is Flood Mitigation Important?



1. Impervious areas increase stormwater runoff volumes.
2. Extreme rainfall overwhelms undersized infrastructure.
3. Maintenance of stormwater management systems.

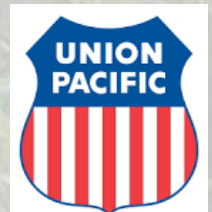




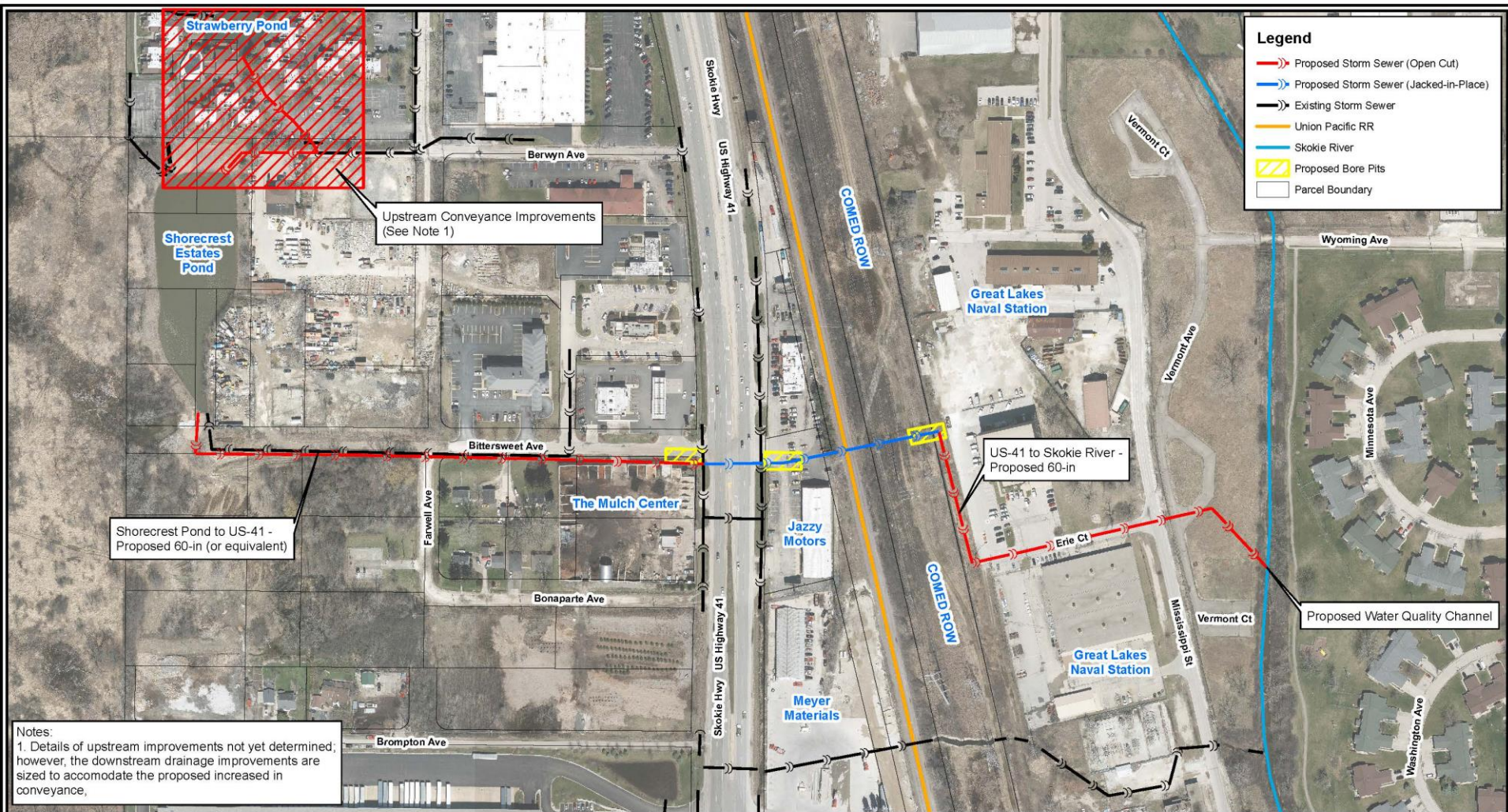




# Multi-Jurisdiction Flood Mitigation Effort

- Strawberry Condos flood damage reduction (Local)
- Alleviate Route 41 flood hazards and closures (State)
- Reduce riverine flooding of military housing Naval Station Great Lakes (Federal)

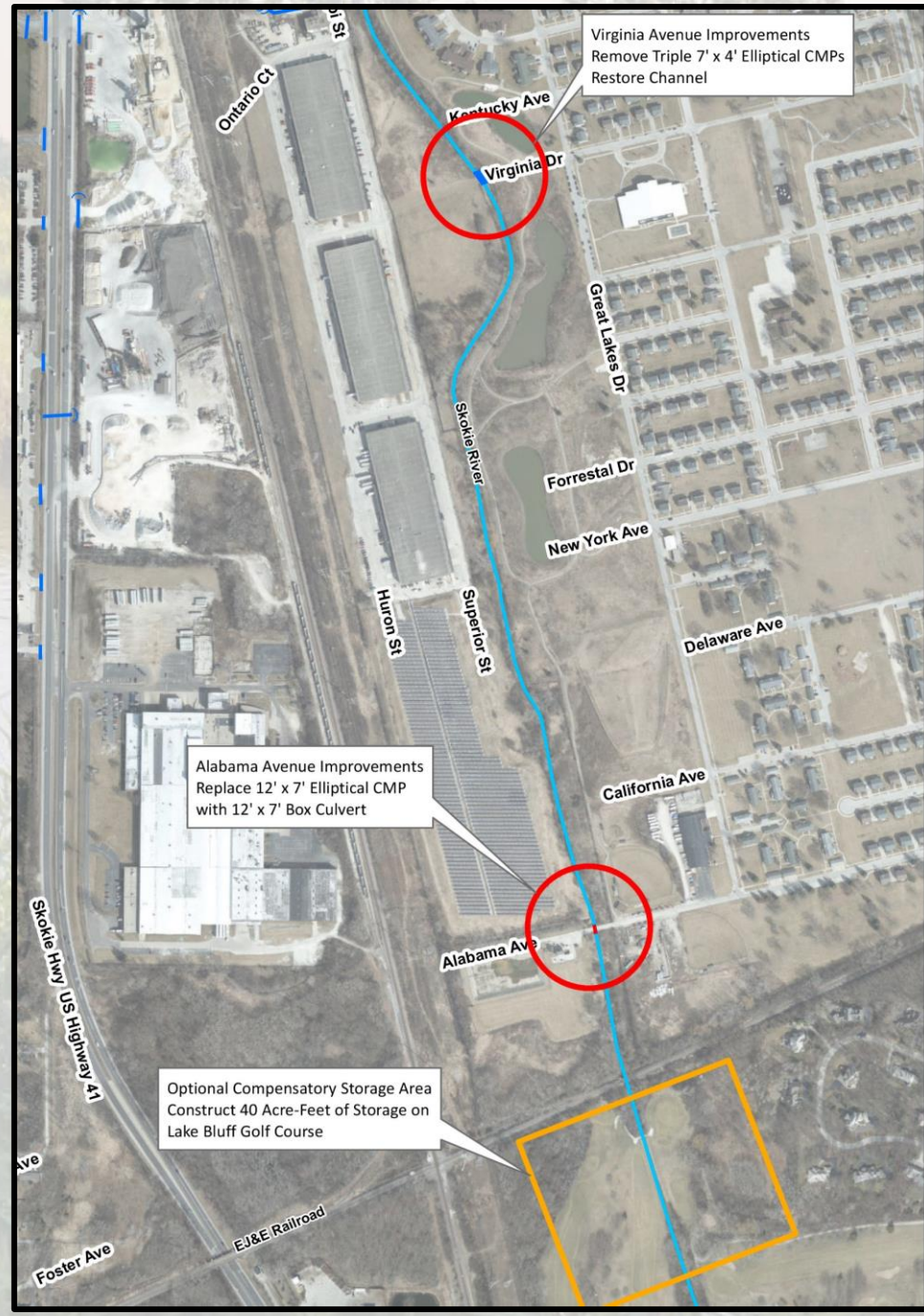






1 inch = 200 feet		DSGN.		CHKD.	
 <div>Christopher B. Burke Engineering, Ltd. 9575 West Higgins Road, Suite 600 Rosemont, IL 60018 (847) 823-0500 / FAX (847) 823-0520</div>	CLIENT LAKE CO SMC		PROJECT NO. 180324.00001		
	TITLE STRAWBERRY CONDOS/SKOKIE HIGHWAY CONCEPTUAL RELIEF SEWER PLAN				
	DATE 12/11/2020				
				EXHIBIT 1	







# Question and Answer Session

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STORMWATER MANAGEMENT COMMISSION