



VILLAGE OF WINNETKA

STORMWATER CAPITAL IMPROVEMENT PROGRAM UPDATE FOR WESTERN AND EASTERN WINNETKA





PRESENTATION OVERVIEW

- Western and Southwest Winnetka Stormwater Program
 - Project History and Accomplishments to Date
 - Project Progression
 - Updated Program Costs
 - Program Timeline
 - Project Funding
 - Next Steps





PROGRAM OVERVIEW & OBJECTIVES

4

- Stormwater Management Program adopted July 2016 following Strand Alternatives Study
- 15 coordinated storage and conveyance projects across west and southwest Winnetka
- Designed to remove ~413 properties from 100-year flood impacts
- System goal: reduce structural flooding and drain stormwater within 24 hours
- Program emphasizes long-term resilience and community-wide flood mitigation





PARTNERSHIPS, PERMITS & GOVERNANCE

5

- Intergovernmental Agreements with New Trier HSD, District 36, and Winnetka Park District
- Licensing agreement with Forest Preserve District of Cook County for Hibbard Preserve
- Projects enabled through strong interagency coordination and shared land use
- Federal permitting secured from U.S. Army Corps of Engineers
- Village Council approvals guided each major design and construction phase





MAJOR STORAGE INFRASTRUCTURE DELIVERED

6

- Duke Childs & Little Duke underground storage: over 10.7 ac-ft combined capacity
- Golf Course storage system adds nearly 60 ac-ft of surface storage
- Hibbard Preserve wetland provides 107.6 ac-ft of regional storage capacity
- Crow Island underground storage adds 7.7 ac-ft with new conveyance connections
- Total system delivers tens of millions of gallons in new flood storage





CONSTRUCTION OUTCOMES & COST EFFICIENCY

7

- North of Willow and Crow Island storage phases completed between 2024–2025
- Golf courses reconstructed and improved as part of stormwater projects
- Excess soil reused at Winnetka landfill, avoiding off-site hauling
- Estimated landfill reuse savings exceed \$5 million
- Storage projects funded through a combination of local investment and grants (96.54%)





PROGRAM STATUS & NEXT PHASE

8

- All major stormwater storage projects now completed
- Hibbard Preserve wetland in Year 2 of 5-year restoration and monitoring program
- Next phases focus on stormwater conveyance improvements
- Conveyance will connect completed storage to further reduce localized flooding



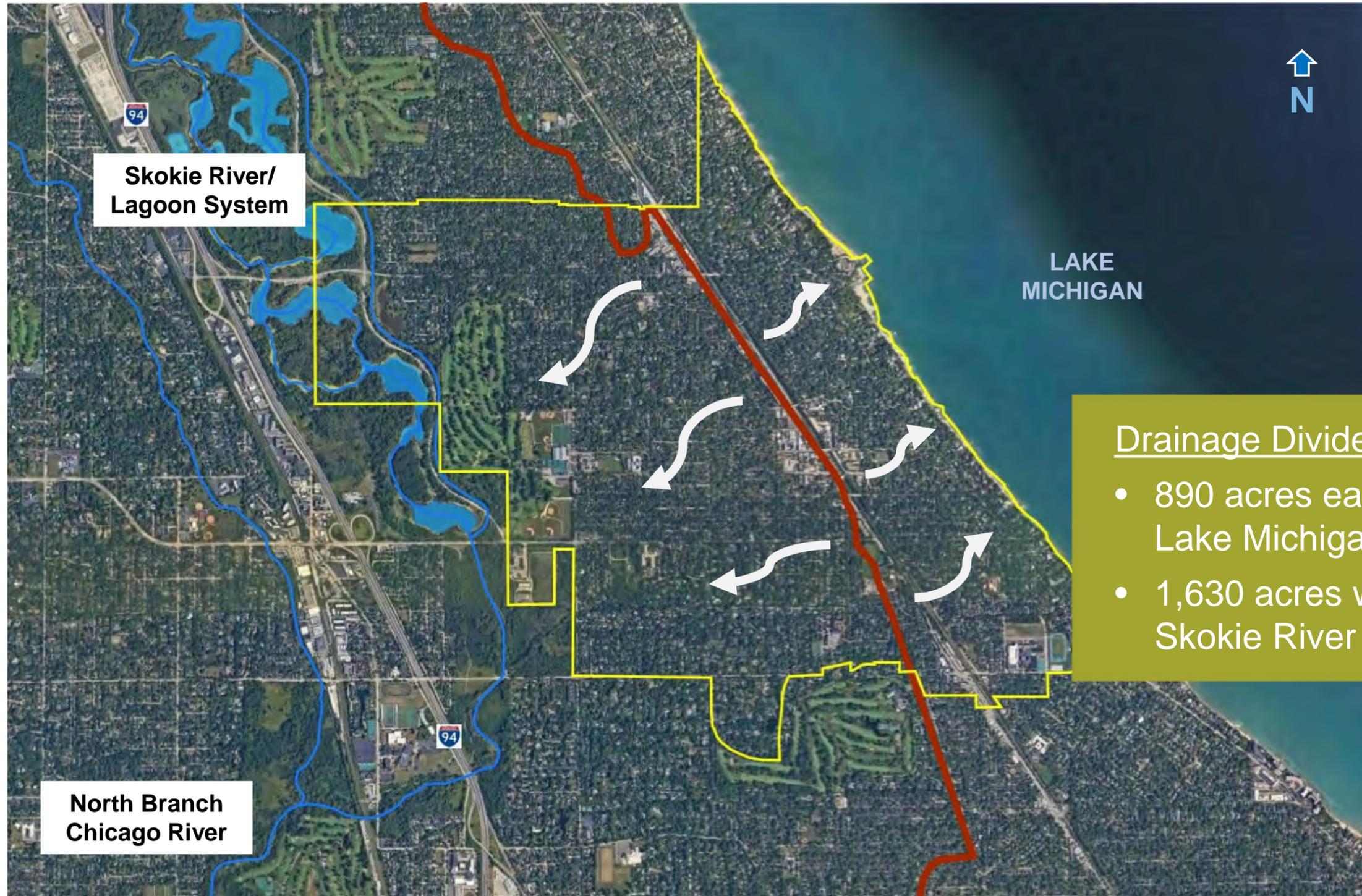
Overall Stormwater Capital Improvement Program For Western and Eastern Winnetka

Village of Winnetka Council Working Session

February 10, 2026



Winnetka – Drainage Divide

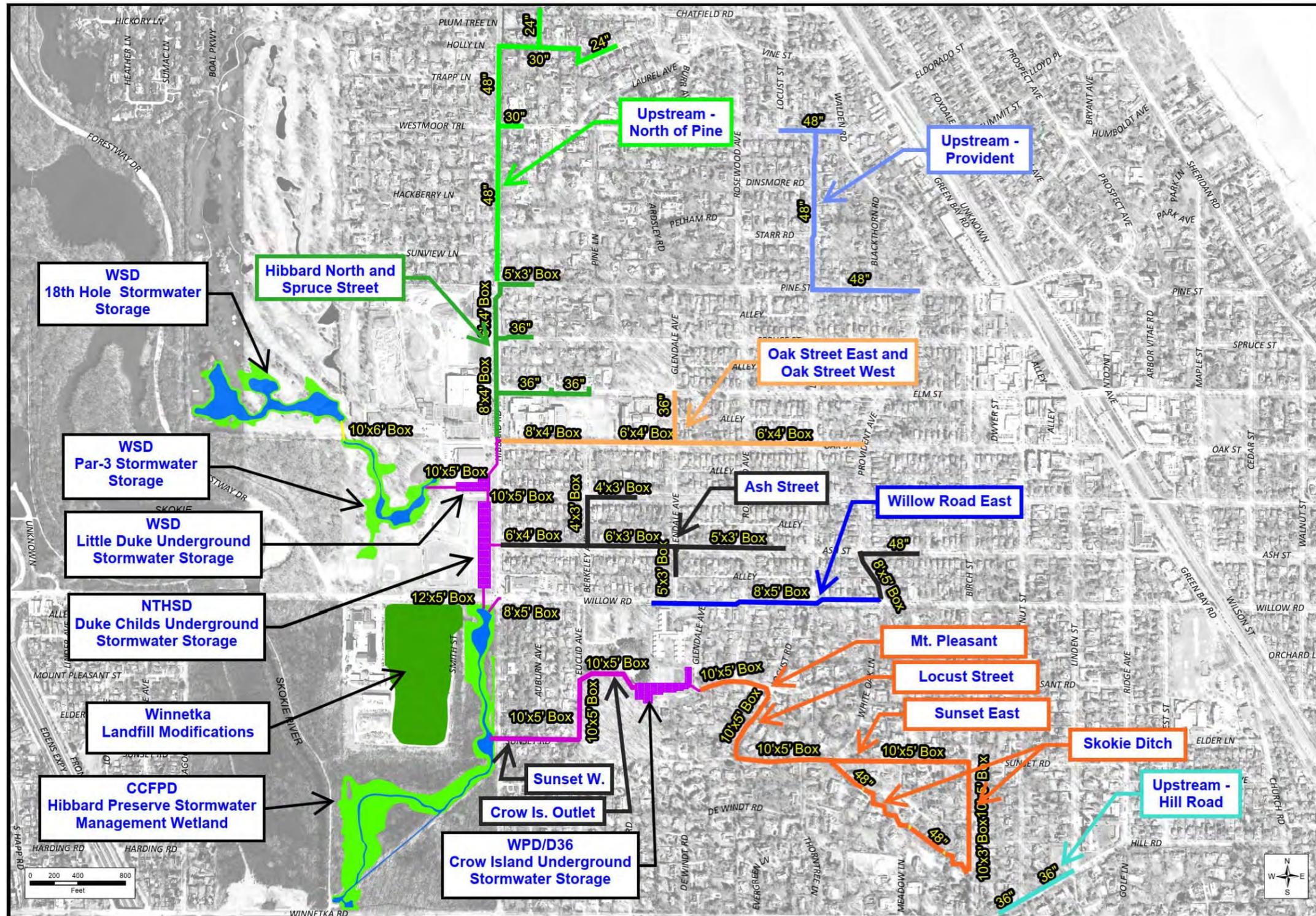


Drainage Divide

- 890 acres east to Lake Michigan
- 1,630 acres west to Skokie River

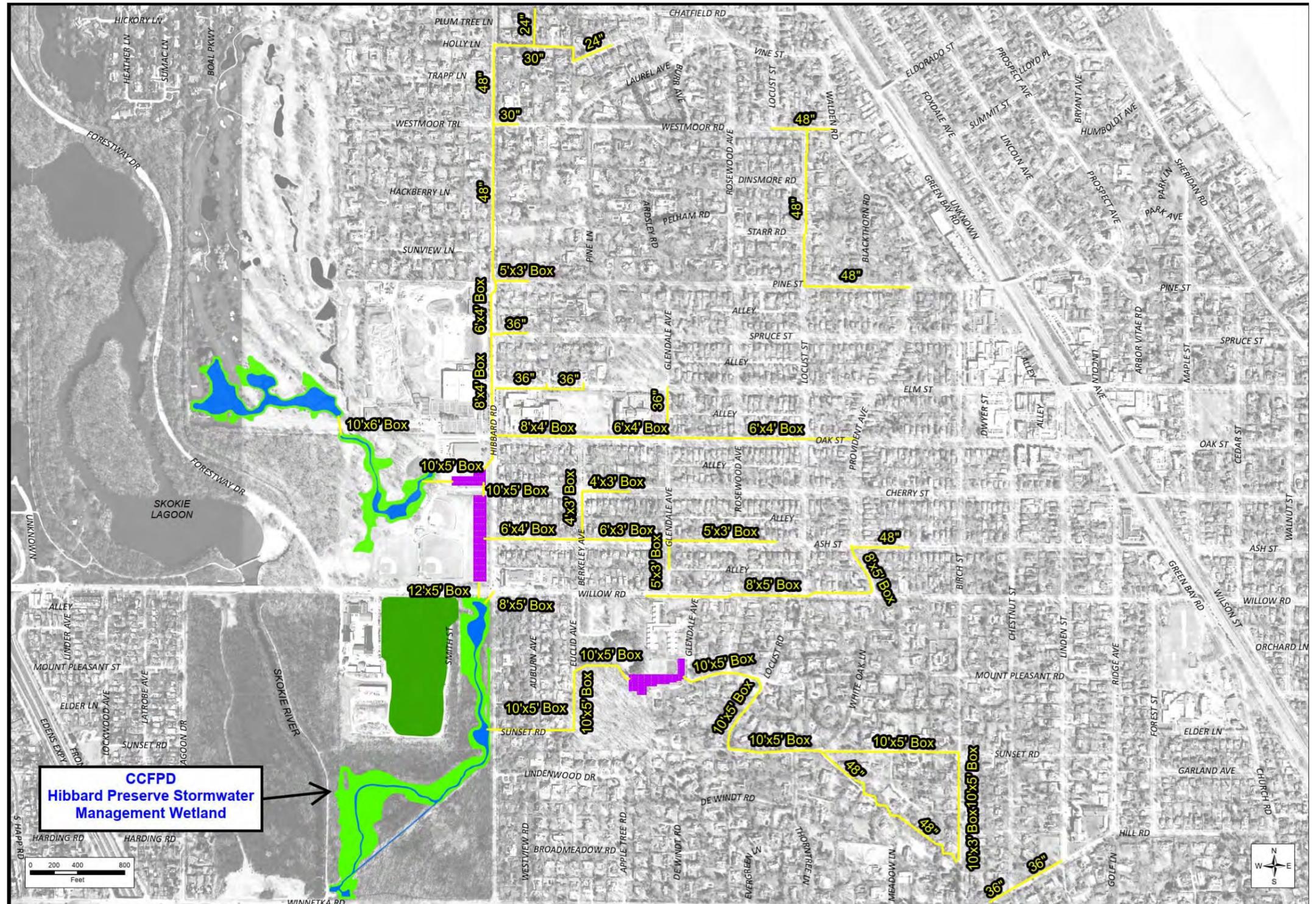


Overall West and Southwest Winnetka Stormwater Management Program



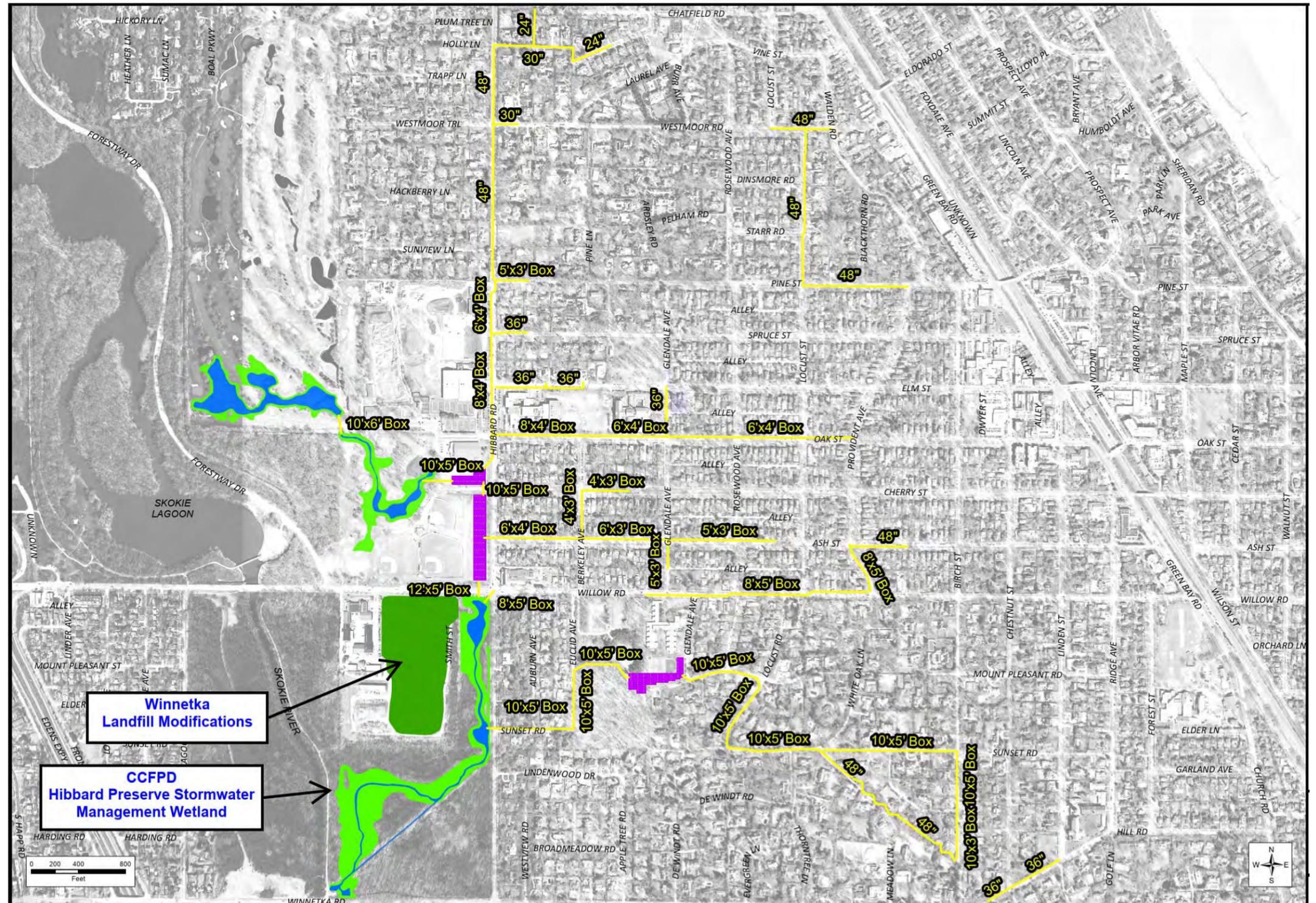
Original W&SW Stormwater Management Program Adopted in 2016

Stormwater Storage Cost Tracking Spreadsheet
CCFP Stormwater Wetland



Original W&SW Stormwater Management Program Adopted in 2016

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Landfill Reconfiguration



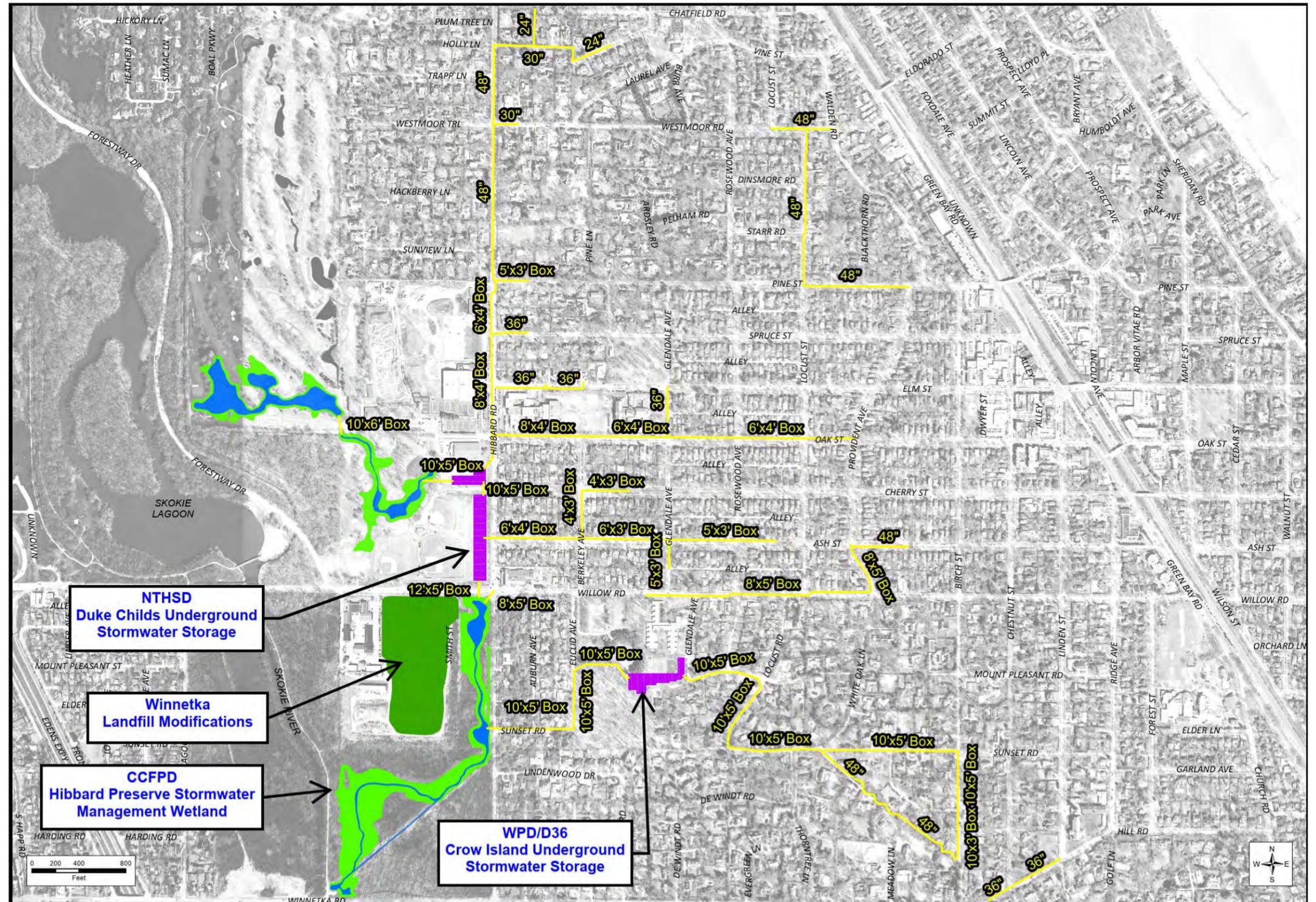
**Winnetka
Landfill Modifications**

**CCFPD
Hibbard Preserve Stormwater
Management Wetland**



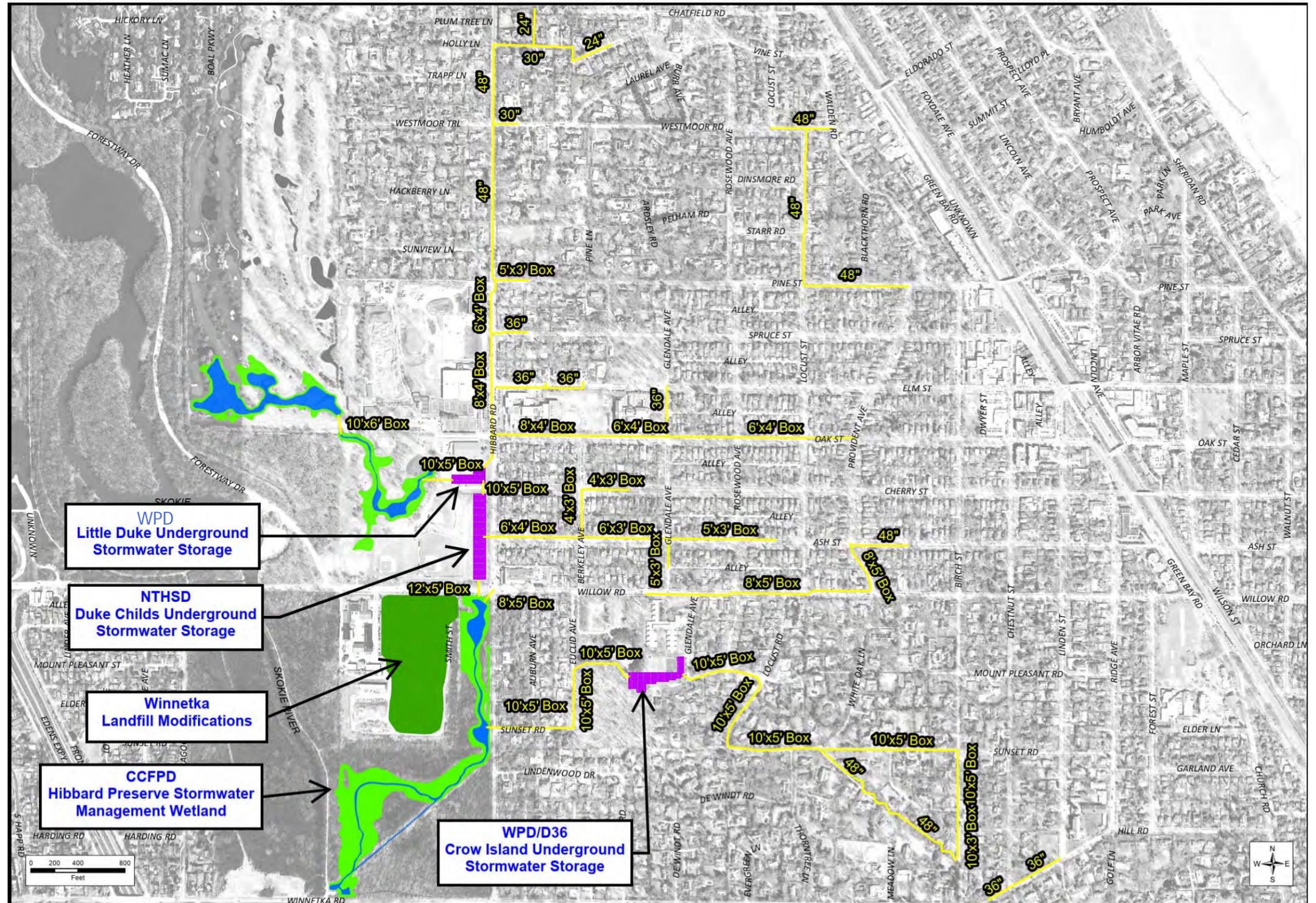
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Duke Childs and Park District Storage



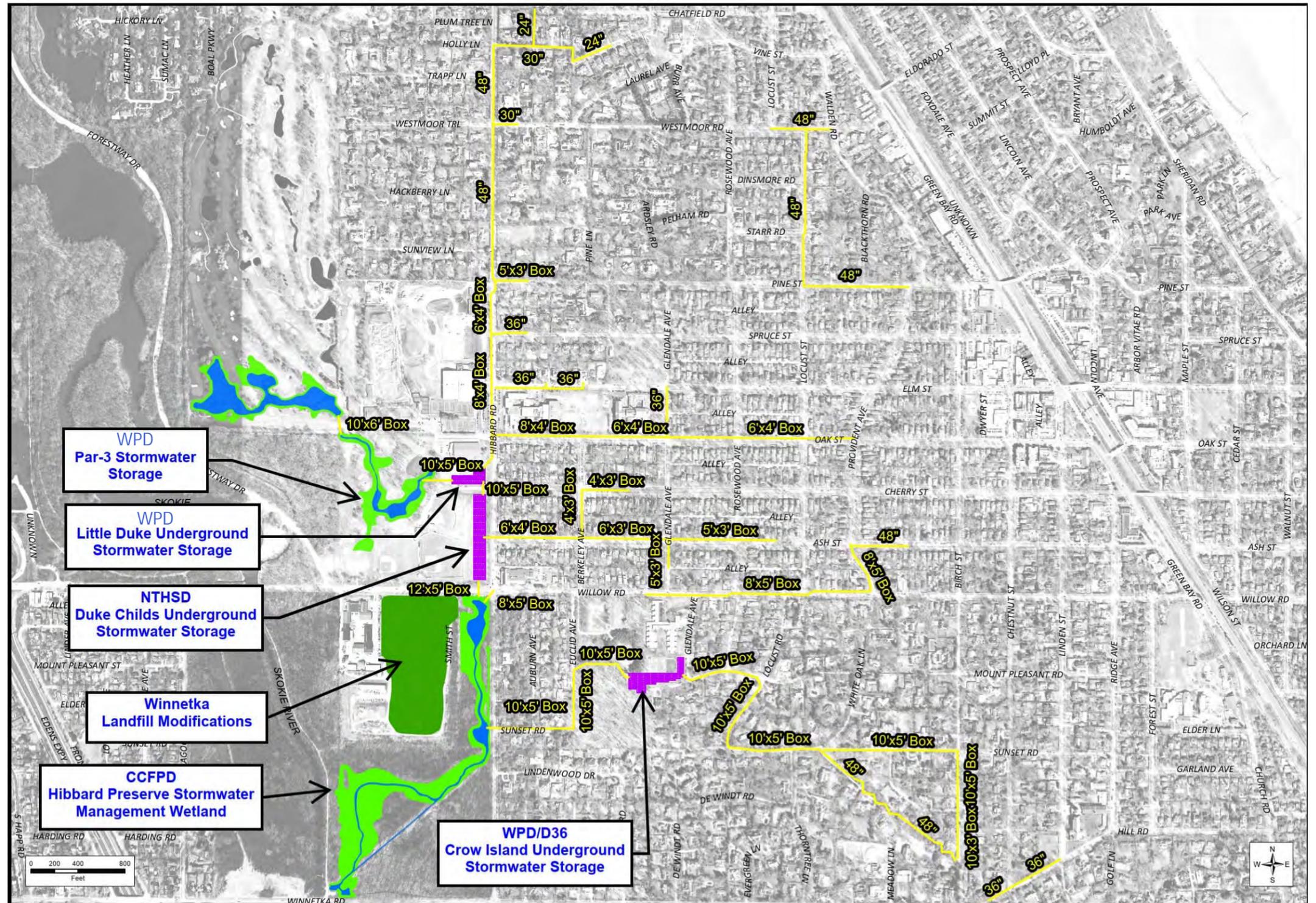
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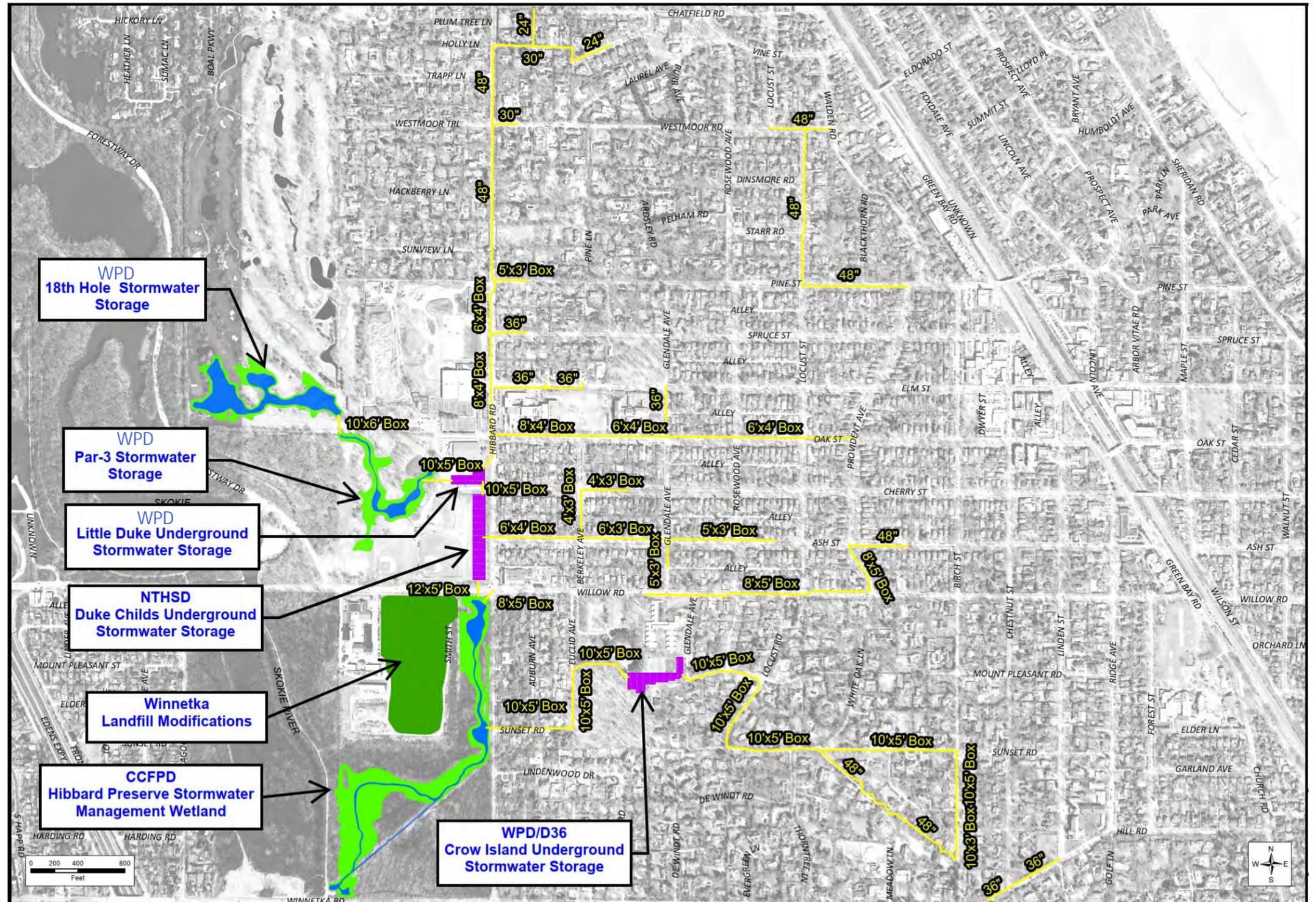
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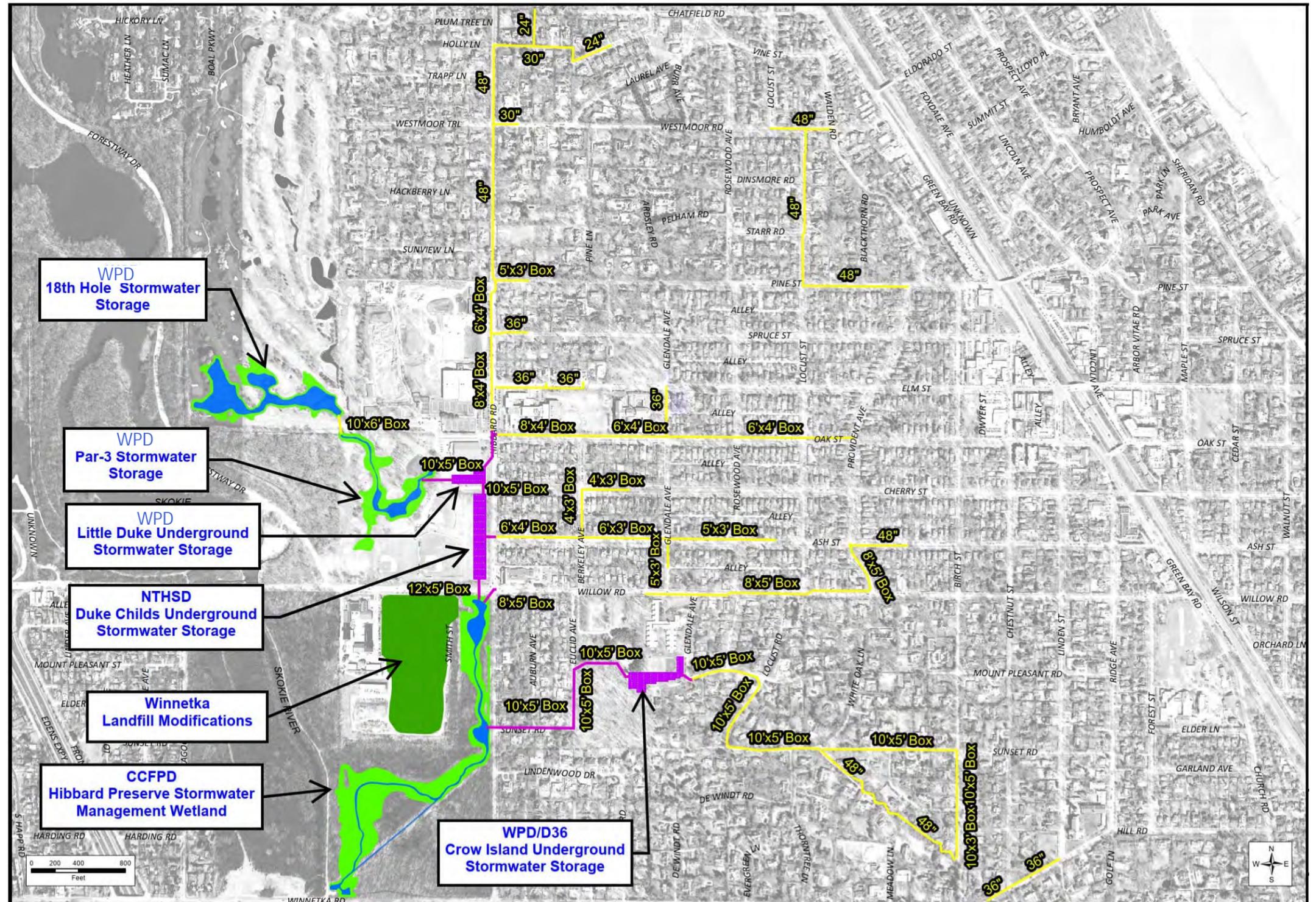
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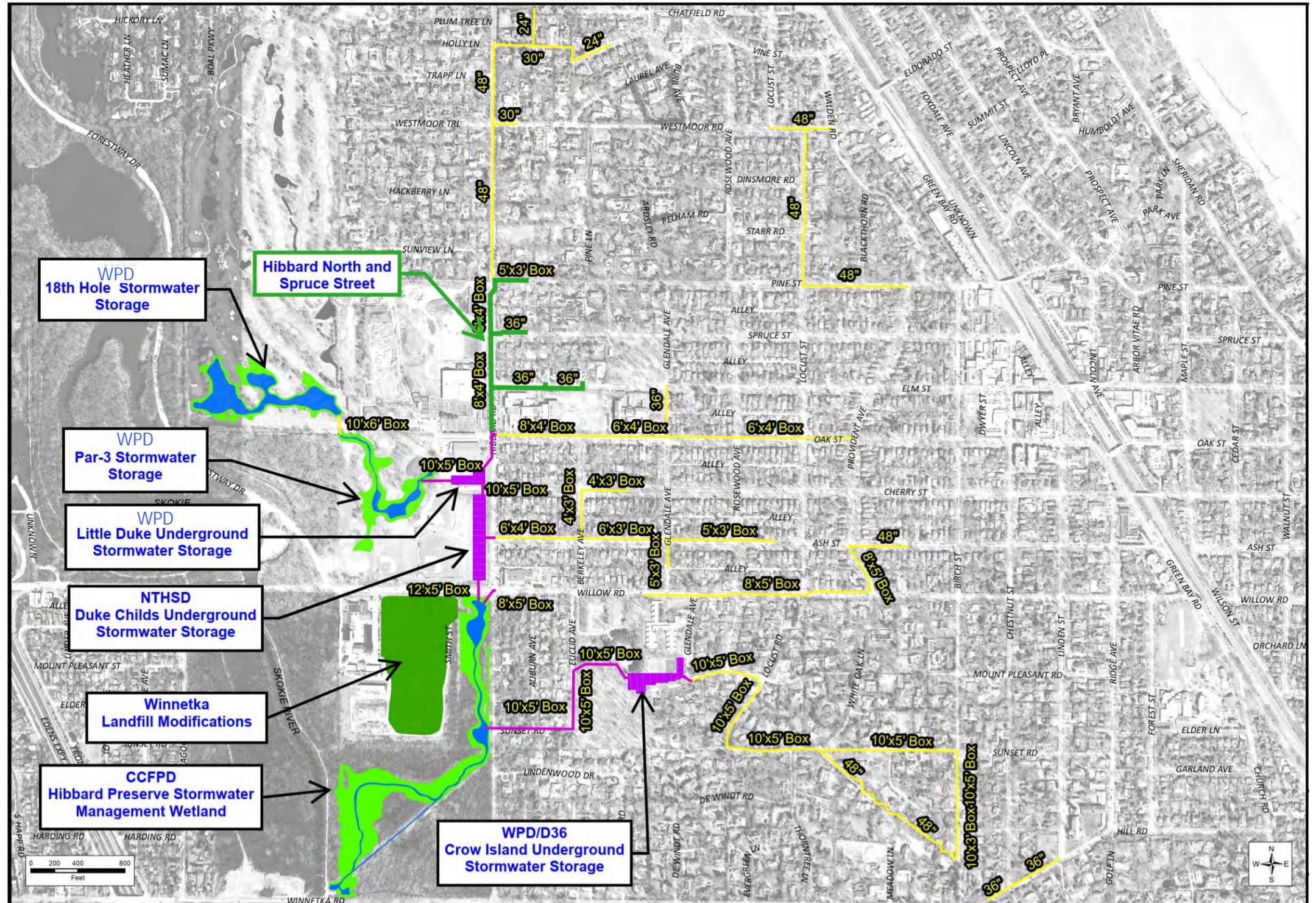
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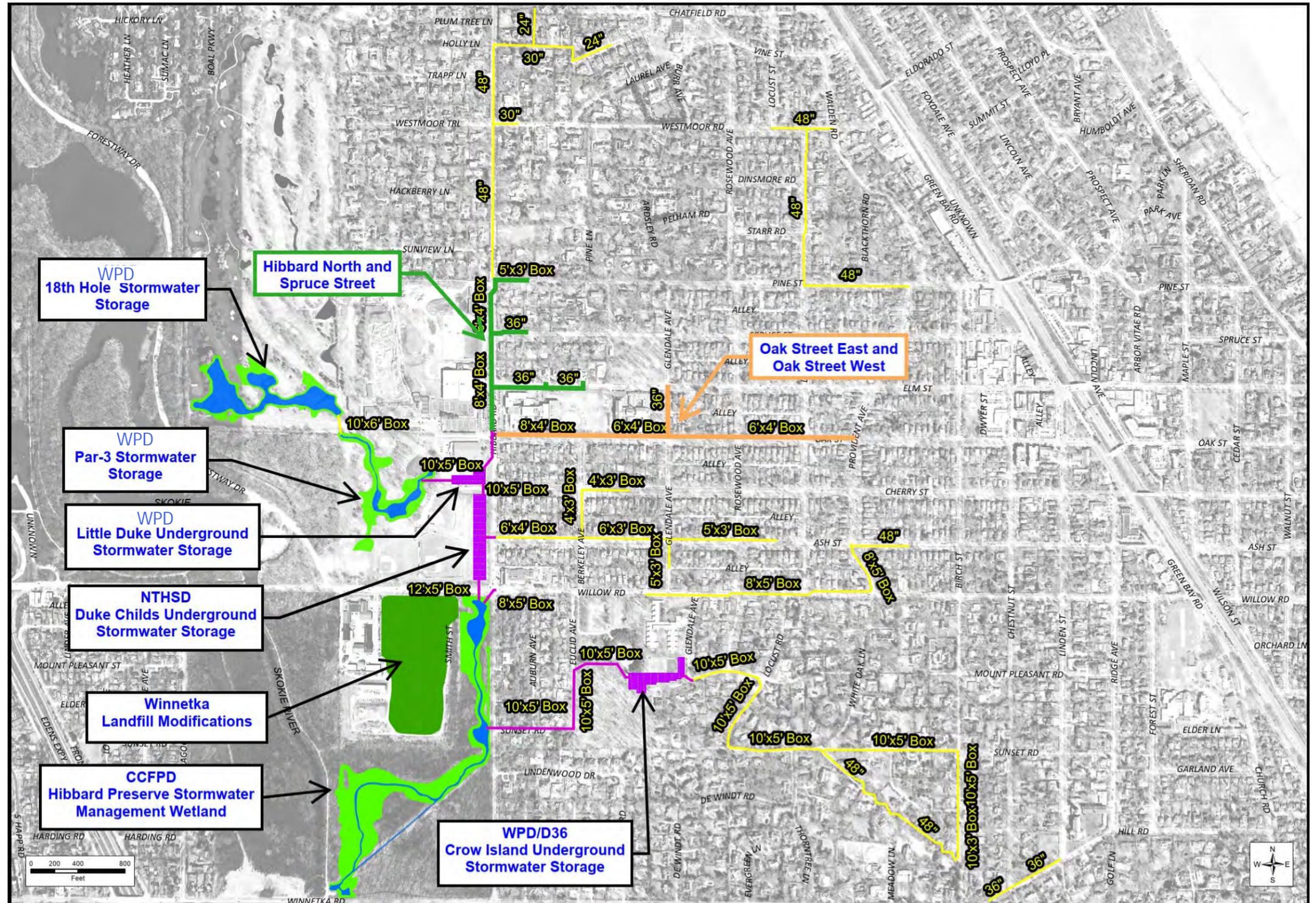
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Cost Tracking Spreadsheet
Hibbard Road
Spruce Street



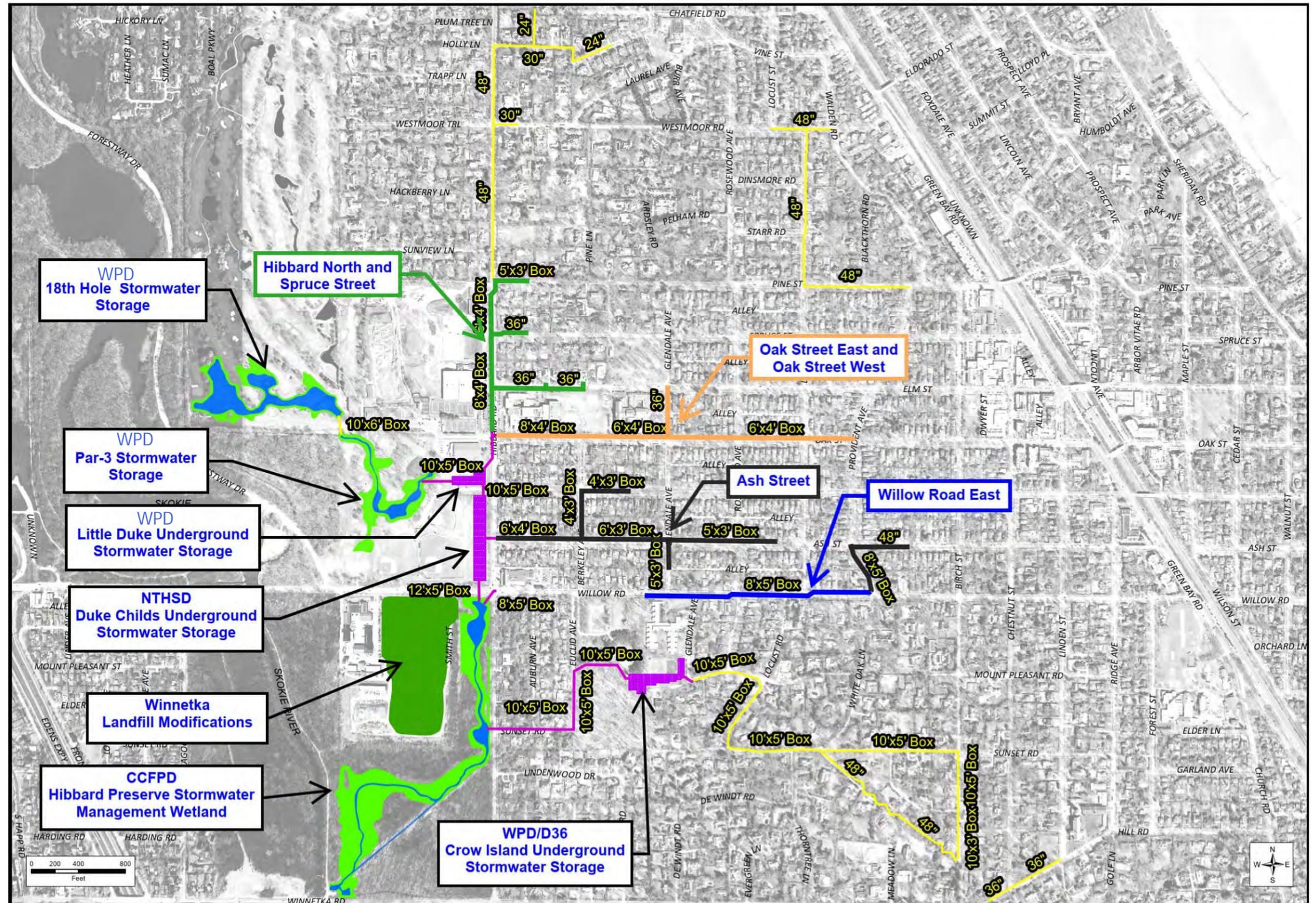
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Oak Street - East



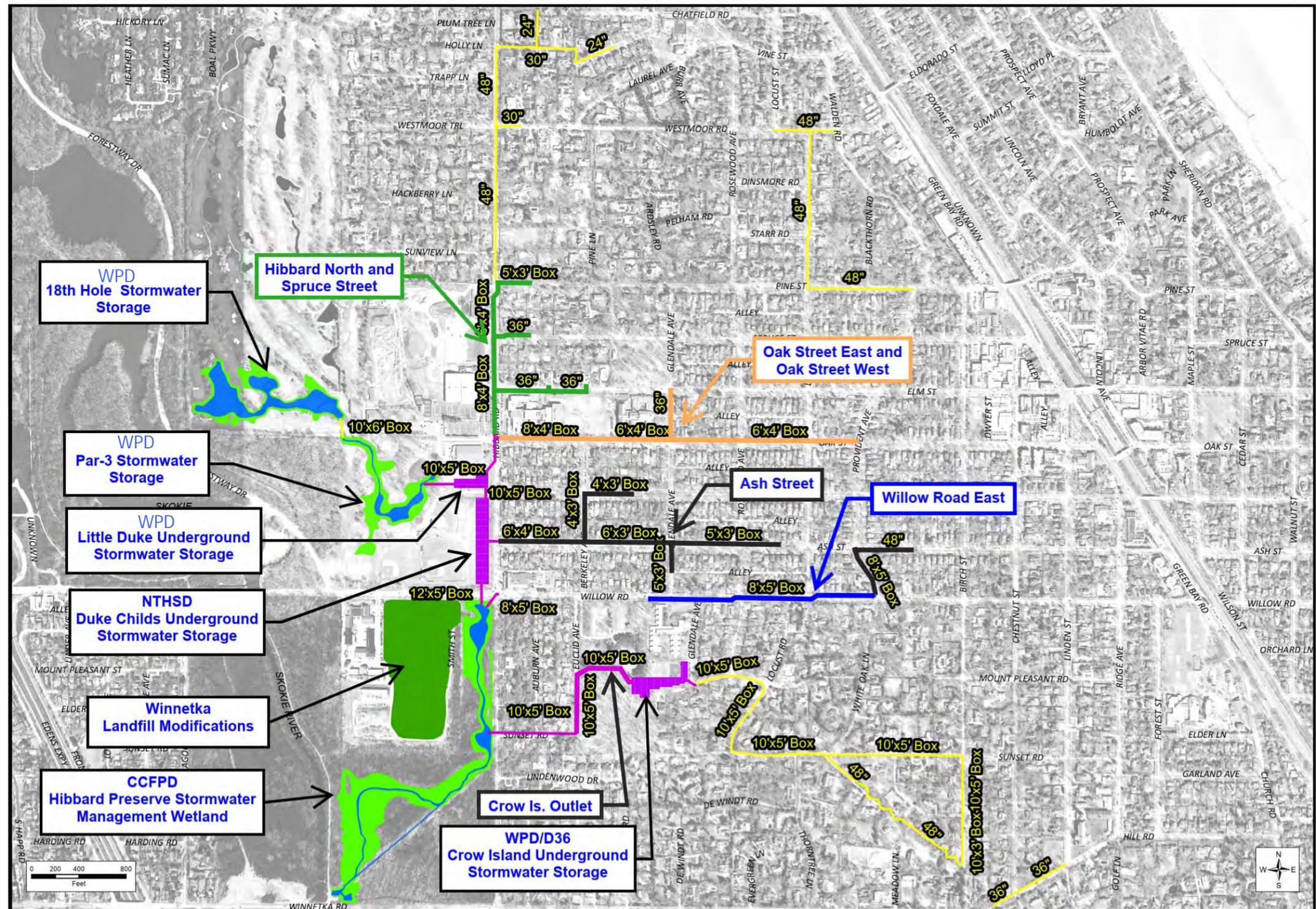
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Ash Street
Willow Road (East)



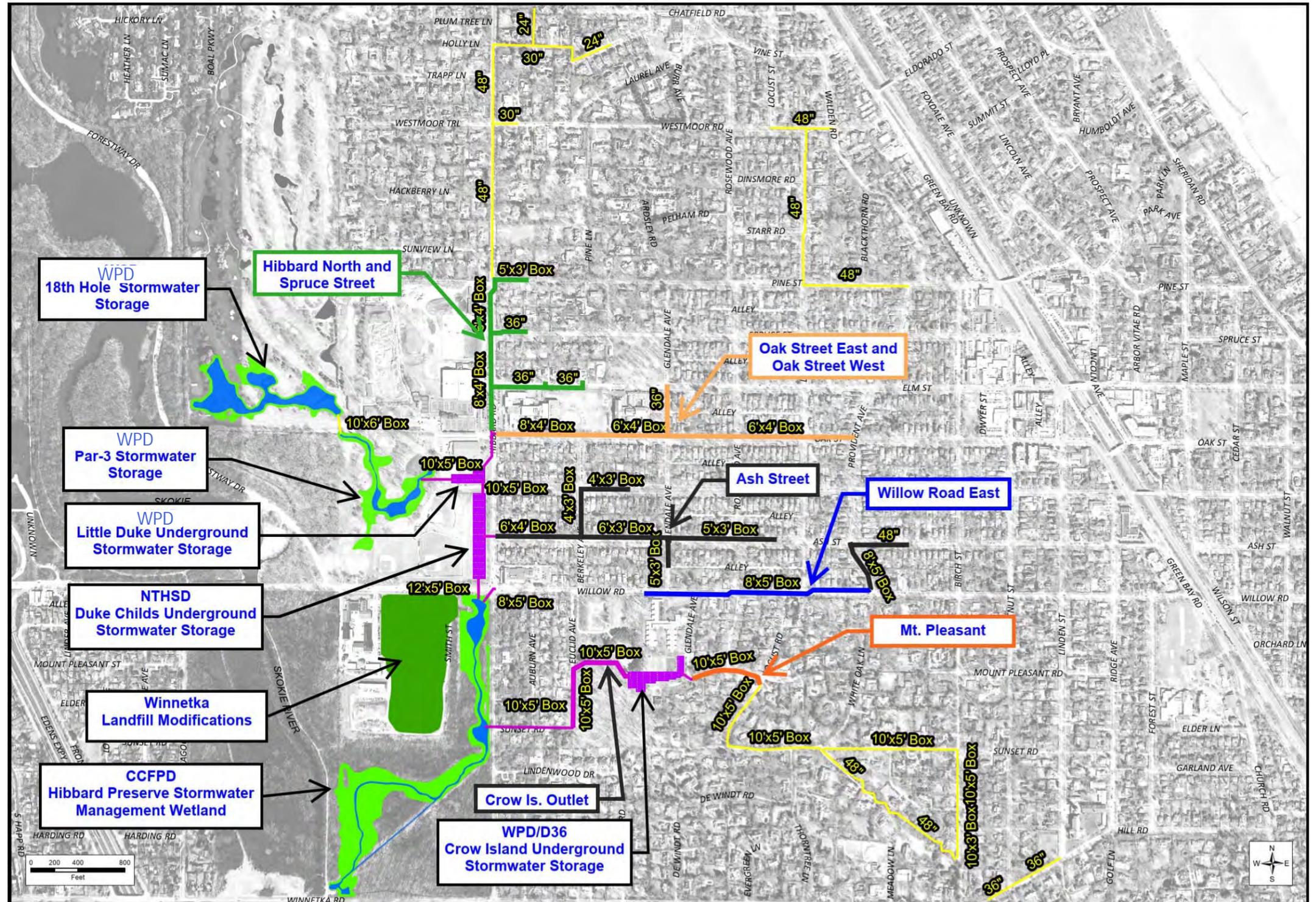
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Ash Street
Willow Road (East)
Crow Island Conveyance (Outlet)



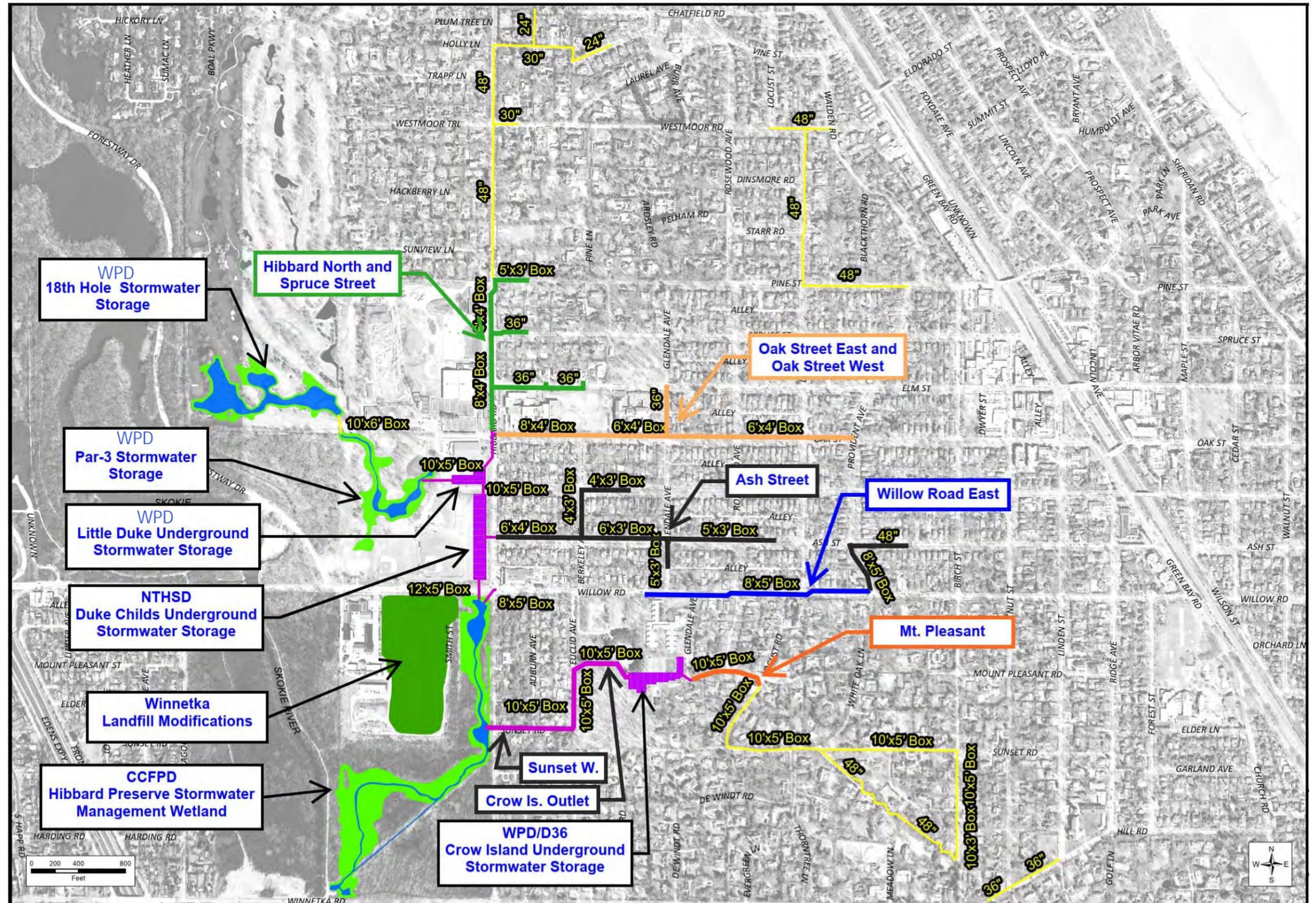
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Crow Island Conveyance (Outlet)
Mount Pleasant Street



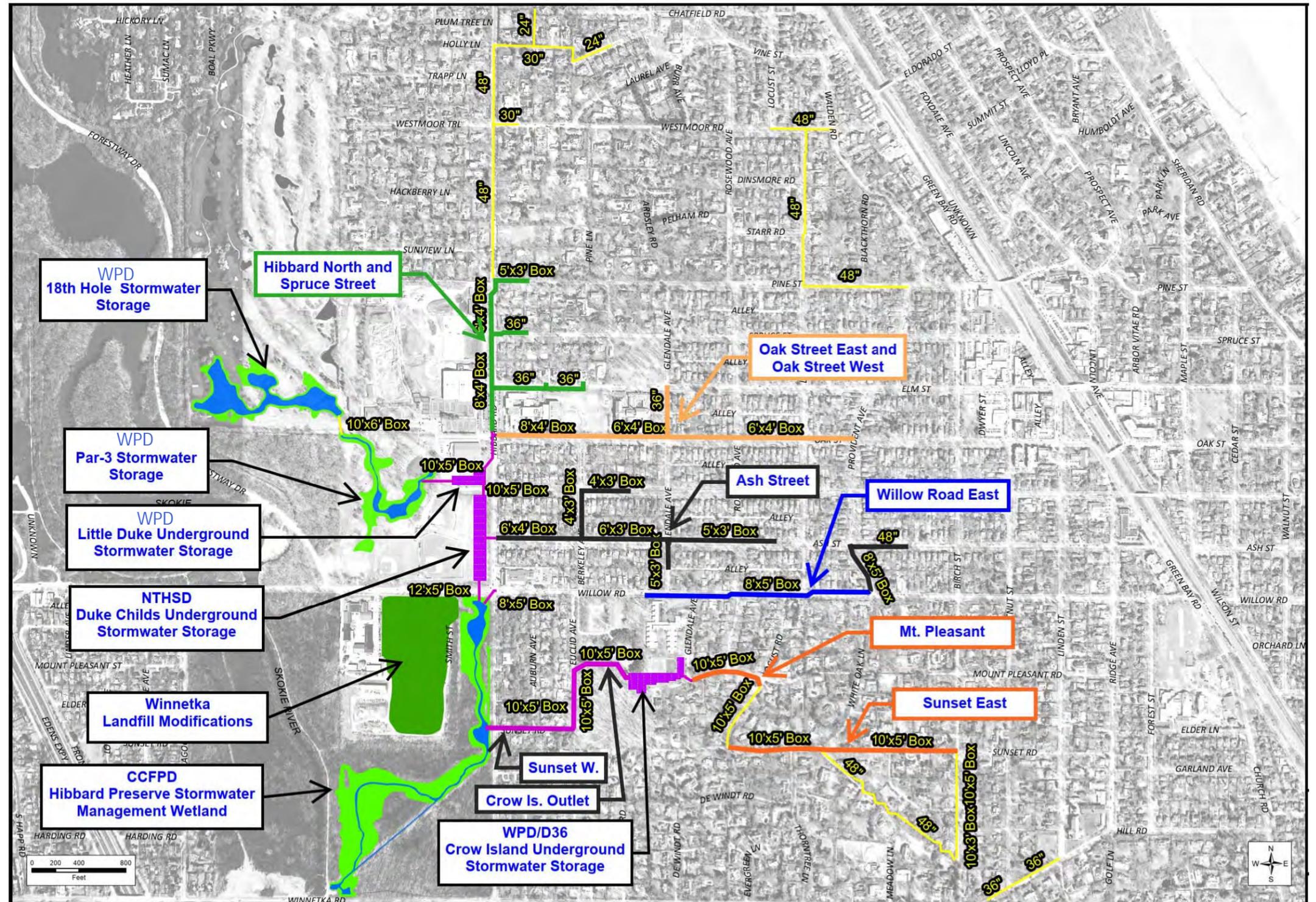
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Mount Pleasant Street
Sunset Road - West



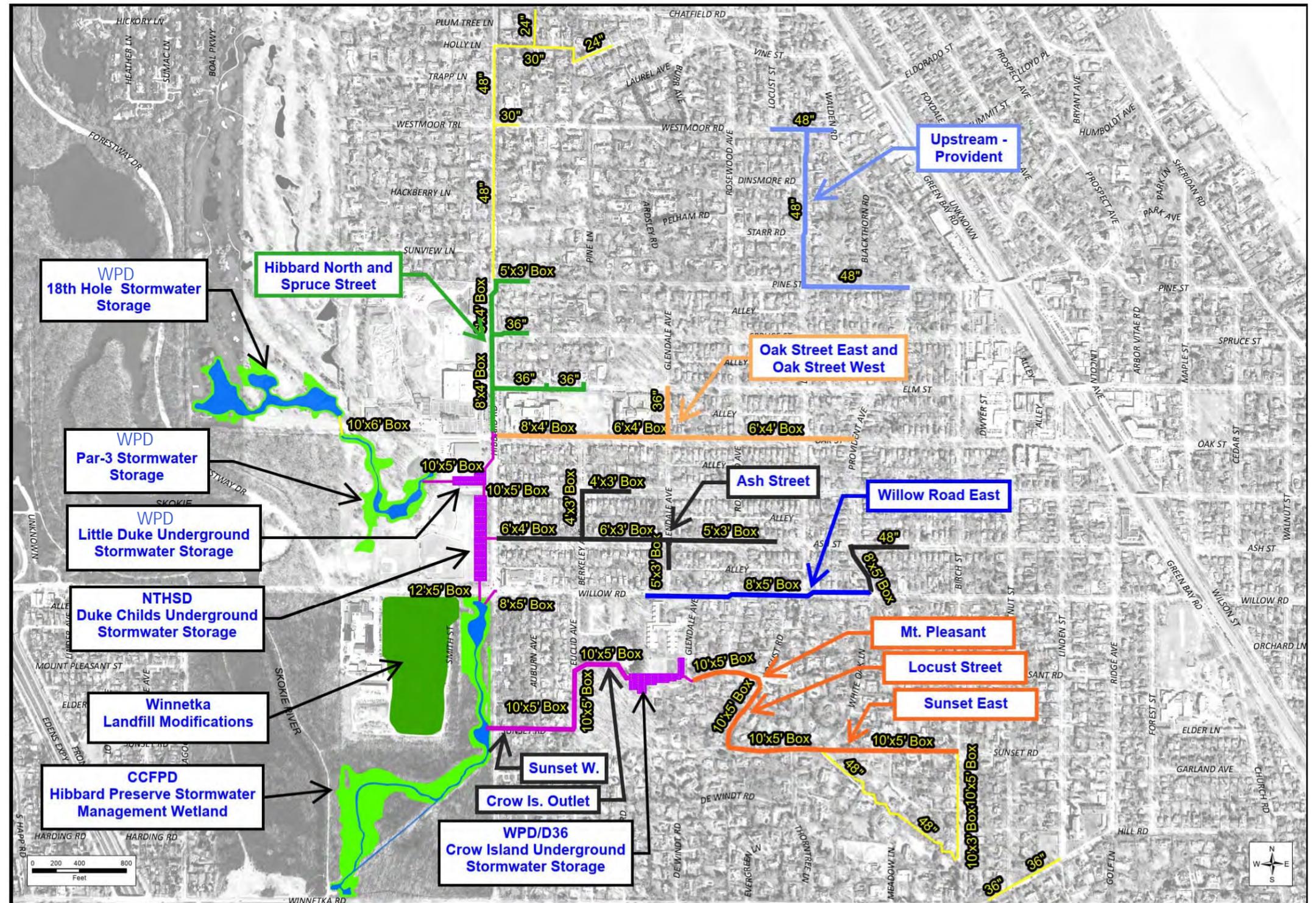
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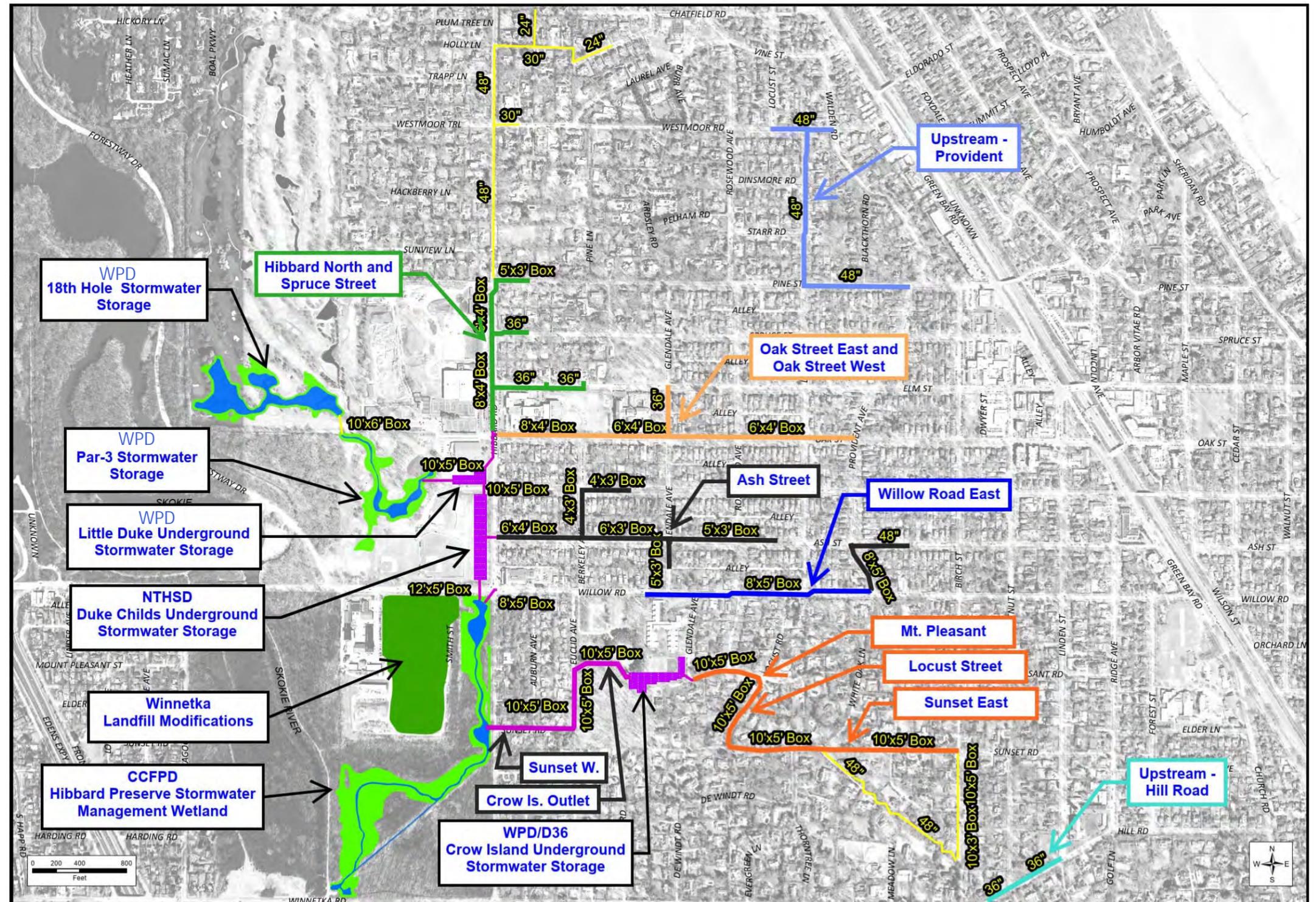
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Sunset Road - East
Provident Neighborhood
Locust St. (South)



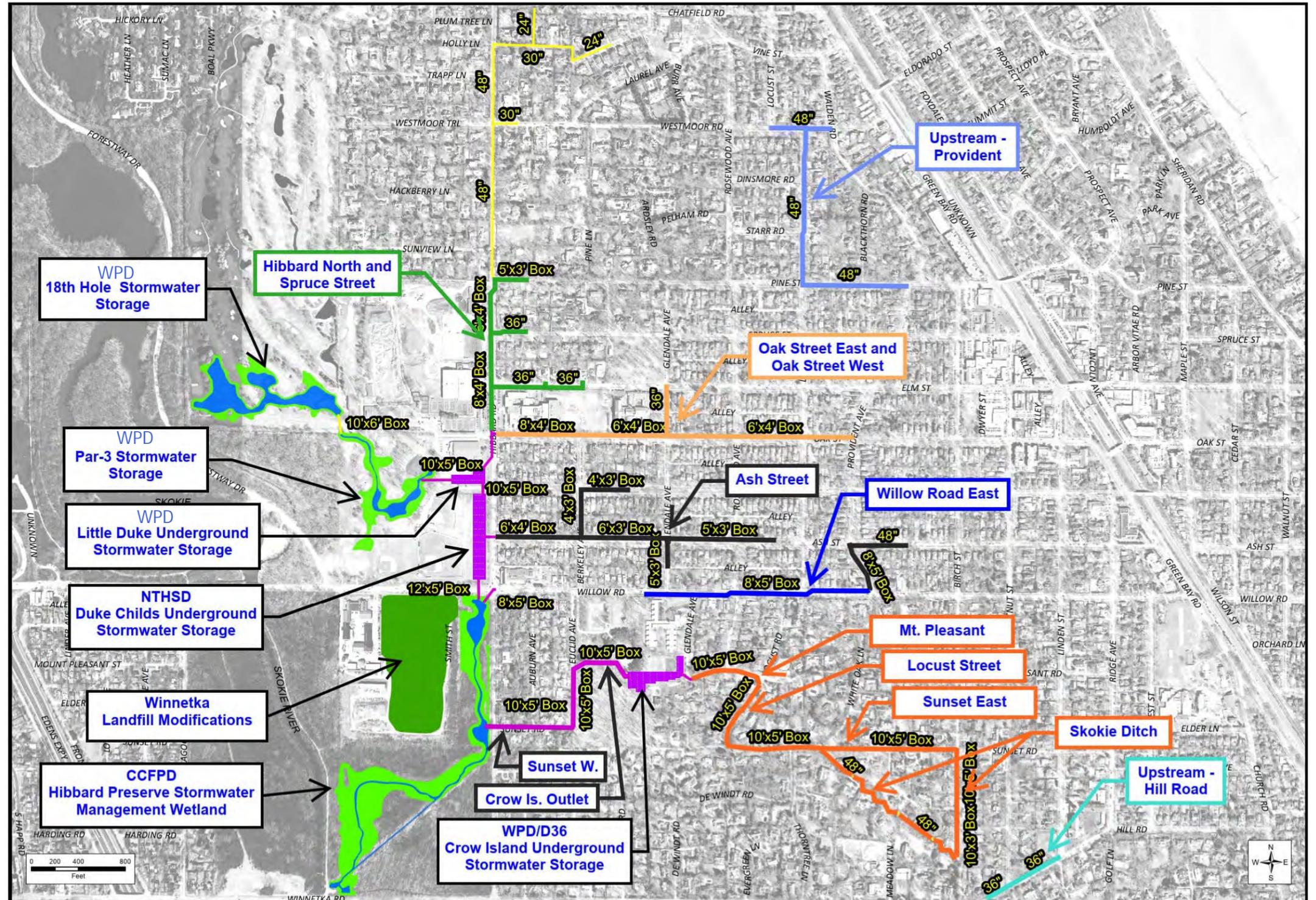
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Provident Neighborhood
Locust St. (South)
Hill Road



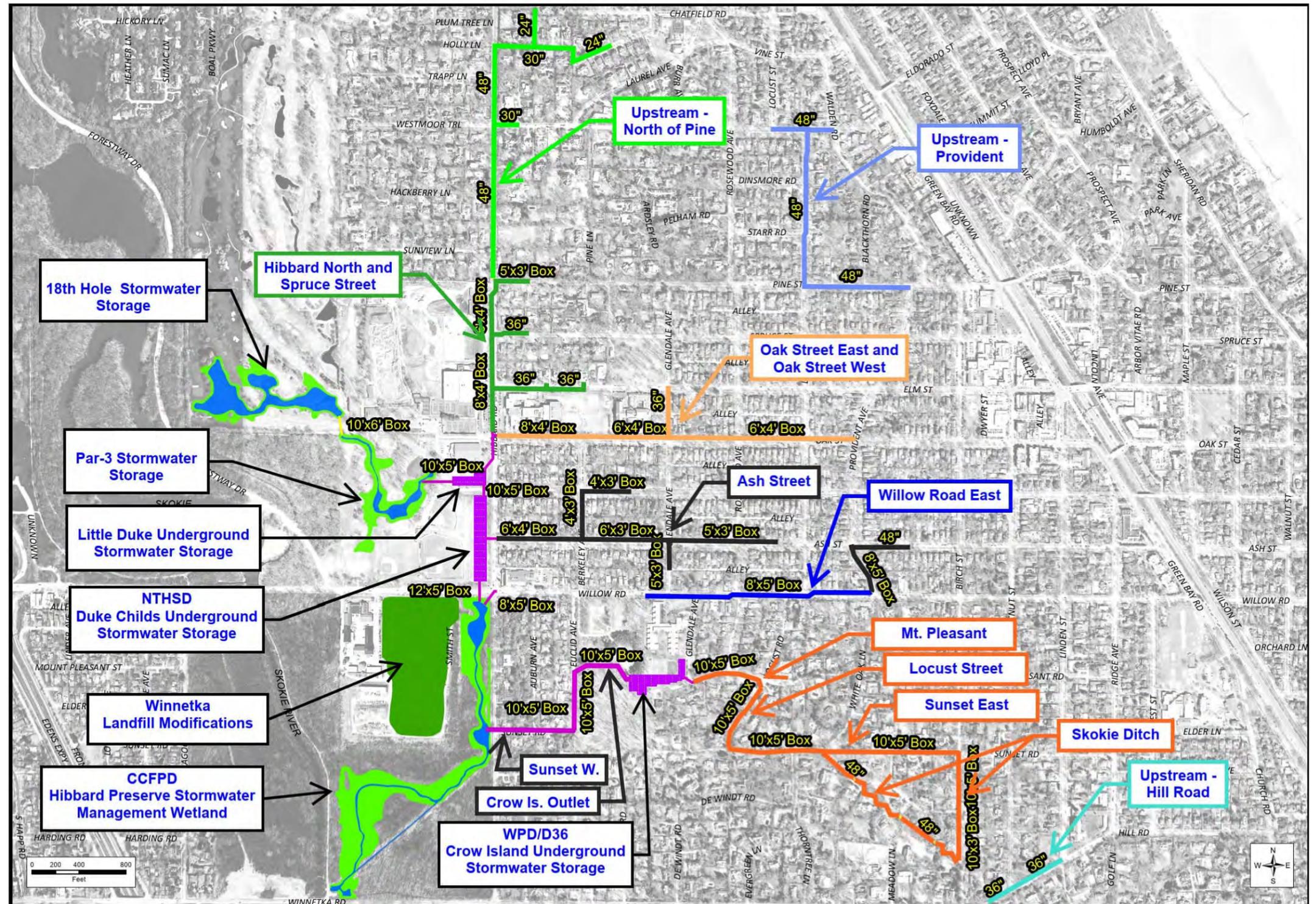
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Provident Neighborhood
Locust St. (South)
Hill Road
Skokie Ditch



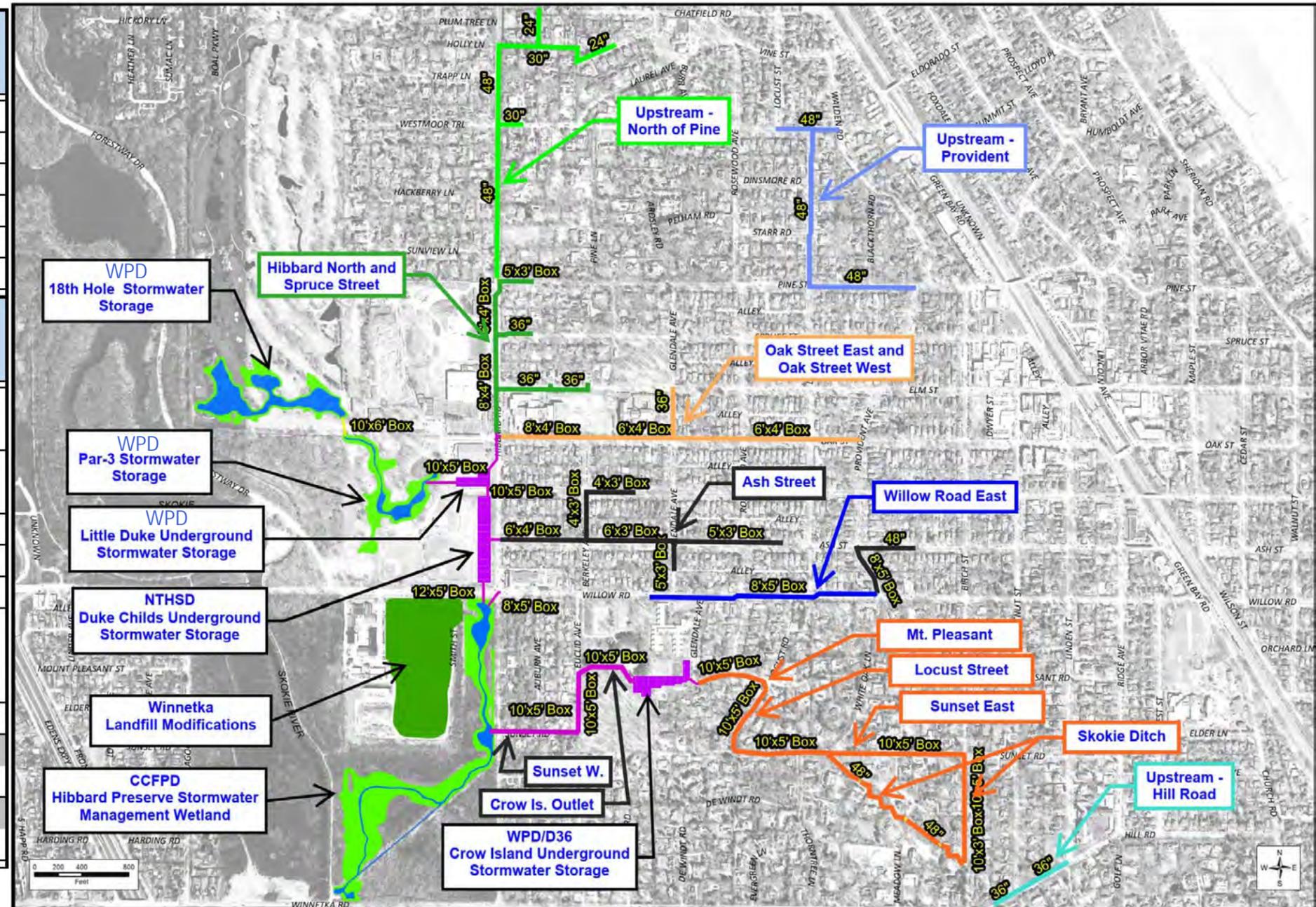
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Sunset Road - East
Provident Neighborhood
Locust St. (South)
Hill Road
Skokie Ditch
North of Pine



Overall W&SW Stormwater Management Program - 2018

Stormwater Storage Cost Tracking Spreadsheet	Stormwater Storage Winnetka's 5-Year CFP
CCFP Stormwater Wetland	CCFP Stormwater Wetland
Landfill Reconfiguration	Landfill Reconfiguration
Crow Island Storage	Crow Island Storage
Duke Childs and Park District Storage	Duke Childs and Park District Storage
Par 3 Golf Course Storage	Par 3 Golf Course Storage
18-Hole Golf Course Storage	18-Hole Golf Course Storage
Stormwater Conveyance Cost Tracking Spreadsheet	Stormwater Conveyance Winnetka's 5-Year CFP
Hibbard Road	Hibbard North Conveyance
Spruce Street	
Oak Street - West	Tree Streets Conveyance - Oak Street
Oak Street - East	
Ash Street	Tree Streets Conveyance - Ash Street
Willow Road (East)	Willow Road East
Crow Island Conveyance (Outlet)	Crow Island Storage Outlet
Mount Pleasant Street	
Sunset Road - West	South of Willow Conveyance
Sunset Road - East	
Provident Neighborhood	Upstream Conveyance - Provident Neighborhood
Locust St. (South)	Locust St. included in South of Willow
Hill Road	Upstream Conveyance - Hill Road
Skokie Ditch	Skokie Ditch included in South of Willow
North of Pine	Upstream Conveyance - North of Pine



Overall W&SW Stormwater Management Program - 2018

Stormwater Storage Winnetka's 5-Year CFP
CCFP Stormwater Wetland
Landfill Reconfiguration
Crow Island Storage
Duke Childs and Park District Storage
Par 3 Golf Course Storage
18-Hole Golf Course Storage
Total Storage Projects Cost

Stormwater Conveyance Winnetka's 5-Year CFP
Hibbard North Conveyance
Tree Streets Conveyance - Oak Street
Tree Streets Conveyance - Ash Street
Willow Road East
Crow Island Storage Outlet
South of Willow Conveyance
Upstream Conveyance - Provident Neighborhood
Upstream Conveyance - Hill Road
Upstream Conveyance - North of Pine
Total Conveyance Projects Cost



Stormwater Storage and Conveyance Engineer's Opinion of Probable Cost (EOPC)

Stormwater Storage Winnetka's 5-Year CFP	2/1/19 Vision EOPC
CCFP Stormwater Wetland	\$ 8,596,000
Landfill Reconfiguration	\$ 2,329,000
Crow Island Storage	\$ 4,019,000
Duke Childs and Park District Storage	\$ 7,870,000
Par 3 Golf Course Storage	\$ 2,363,000
18-Hole Golf Course Storage	\$ 4,276,000
Total Storage Projects Cost	\$ 29,453,000

Stormwater Conveyance Winnetka's 5-Year CFP	2/1/19 Vision EOPC
Hibbard North Conveyance	\$ 5,196,725
Tree Streets Conveyance - Oak Street	\$ 4,744,958
Tree Streets Conveyance - Ash Street	\$ 5,106,720
Willow Road East	\$ 5,284,317
Crow Island Storage Outlet	\$ 2,071,844
South of Willow Conveyance	\$ 17,858,650
Upstream Conveyance - Provident Neighborhood	\$ 2,930,283
Upstream Conveyance - Hill Road	\$ 393,530
Upstream Conveyance - North of Pine	\$ 2,407,745
Total Conveyance Projects Cost	\$ 45,994,773

Total Storage and Conveyance Budget \$ **75,447,773**



Stormwater Storage and Conveyance Budget Development in 2020

Stormwater Storage Winnetka's 5-Year CFP	2/1/19 Vision EOPC	10/22/20 Updated EOPC - Contractor Verified
CCFP Stormwater Wetland	\$ 8,596,000	\$ 8,548,000
Landfill Reconfiguration	\$ 2,329,000	\$ 2,218,000
Crow Island Storage	\$ 4,019,000	\$ 4,814,000
Duke Childs and Park District Storage	\$ 7,870,000	\$ 8,736,000
Par 3 Golf Course Storage	\$ 2,363,000	\$ 2,363,000
18-Hole Golf Course Storage	\$ 4,276,000	\$ 4,276,000
Total Storage Projects Cost	\$ 29,453,000	\$ 30,955,000

Stormwater Conveyance Winnetka's 5-Year CFP	2/1/19 Vision EOPC	10/22/20 Updated EOPC - Contractor Verified
Hibbard North Conveyance	\$ 5,196,725	\$ 5,201,100
Tree Streets Conveyance - Oak Street	\$ 4,744,958	\$ 4,816,000
Tree Streets Conveyance - Ash Street	\$ 5,106,720	\$ 5,184,000
Willow Road East	\$ 5,284,317	\$ 5,363,000
Crow Island Storage Outlet	\$ 2,071,844	\$ 2,483,000
South of Willow Conveyance	\$ 17,858,650	\$ 18,280,000
Upstream Conveyance - Provident Neighborhood	\$ 2,930,283	\$ 2,974,000
Upstream Conveyance - Hill Road	\$ 393,530	\$ 400,000
Upstream Conveyance - North of Pine	\$ 2,407,745	\$ 2,444,000
Total Conveyance Projects Cost	\$ 45,994,773	\$ 47,145,100

Total Storage and Conveyance Budget	\$ 75,447,773	\$ 78,100,100
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Stormwater Storage and Conveyance Budget Development in 2020

Stormwater Storage Winnetka's 5-Year CFP	2/1/19 Vision EOPC	10/22/20 Updated EOPC - Contractor Verified	10/22/20 Adopted Cost Schedule
CCFP Stormwater Wetland	\$ 8,596,000	\$ 8,548,000	\$ 8,311,000
Landfill Reconfiguration	\$ 2,329,000	\$ 2,218,000	\$ 2,049,000
Crow Island Storage	\$ 4,019,000	\$ 4,814,000	\$ 4,814,000
Duke Childs and Park District Storage	\$ 7,870,000	\$ 8,736,000	\$ 8,736,000
Par 3 Golf Course Storage	\$ 2,363,000	\$ 2,363,000	\$ 2,220,000
18-Hole Golf Course Storage	\$ 4,276,000	\$ 4,276,000	\$ 4,095,000
Total Storage Projects Cost	\$ 29,453,000	\$ 30,955,000	\$ 30,225,000

Stormwater Conveyance Winnetka's 5-Year CFP	2/1/19 Vision EOPC	10/22/20 Updated EOPC - Contractor Verified	10/22/20 Adopted Cost Schedule
Hibbard North Conveyance	\$ 5,196,725	\$ 5,201,100	\$ 4,942,000
Tree Streets Conveyance - Oak Street	\$ 4,744,958	\$ 4,816,000	\$ 4,655,000
Tree Streets Conveyance - Ash Street	\$ 5,106,720	\$ 5,184,000	\$ 5,012,000
Willow Road East	\$ 5,284,317	\$ 5,363,000	\$ 5,185,000
Crow Island Storage Outlet	\$ 2,071,844	\$ 2,483,000	\$ 2,401,000
South of Willow Conveyance	\$ 17,858,650	\$ 18,280,000	\$ 17,675,000
Upstream Conveyance - Provident Neighborhood	\$ 2,930,283	\$ 2,974,000	\$ 2,876,000
Upstream Conveyance - Hill Road	\$ 393,530	\$ 400,000	\$ 387,000
Upstream Conveyance - North of Pine	\$ 2,407,745	\$ 2,444,000	\$ 2,363,000
Total Conveyance Projects Cost	\$ 45,994,773	\$ 47,145,100	\$ 45,496,000

Total Storage and Conveyance Budget	\$ 75,447,773	\$ 78,100,100	\$ 75,721,000
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Stormwater Storage and Conveyance Budget Adoption in 2020

Stormwater Storage Winnetka's 5-Year CFP	2/1/19 Vision EOPC	10/22/20 Updated EOPC - Contractor Verified	10/22/20 Adopted Cost Schedule	11/2020 Council Approved Budget
CCFP Stormwater Wetland	\$ 8,596,000	\$ 8,548,000	\$ 8,311,000	\$ 2,408,478
Landfill Reconfiguration	\$ 2,329,000	\$ 2,218,000	\$ 2,049,000	\$ 1,719,378
Crow Island Storage	\$ 4,019,000	\$ 4,814,000	\$ 4,814,000	\$ 3,994,524
Duke Childs and Park District Storage	\$ 7,870,000	\$ 8,736,000	\$ 8,736,000	\$ 6,907,777
Par 3 Golf Course Storage	\$ 2,363,000	\$ 2,363,000	\$ 2,220,000	\$ 1,456,319
18-Hole Golf Course Storage	\$ 4,276,000	\$ 4,276,000	\$ 4,095,000	\$ 3,460,107
Total Storage Projects Cost	\$ 29,453,000	\$ 30,955,000	\$ 30,225,000	\$ 19,946,583

Stormwater Conveyance Winnetka's 5-Year CFP	2/1/19 Vision EOPC	10/22/20 Updated EOPC - Contractor Verified	10/22/20 Adopted Cost Schedule	11/2020 Council Approved Budget
Hibbard North Conveyance	\$ 5,196,725	\$ 5,201,100	\$ 4,942,000	\$ 3,576,051
Tree Streets Conveyance - Oak Street	\$ 4,744,958	\$ 4,816,000	\$ 4,655,000	\$ 3,265,175
Tree Streets Conveyance - Ash Street	\$ 5,106,720	\$ 5,184,000	\$ 5,012,000	\$ 3,514,116
Willow Road East	\$ 5,284,317	\$ 5,363,000	\$ 5,185,000	\$ 3,636,327
Crow Island Storage Outlet	\$ 2,071,844	\$ 2,483,000	\$ 2,401,000	\$ 1,754,866
South of Willow Conveyance	\$ 17,858,650	\$ 18,280,000	\$ 17,675,000	\$ 12,387,517
Upstream Conveyance - Provident Neighborhood	\$ 2,930,283	\$ 2,974,000	\$ 2,876,000	\$ 2,016,432
Upstream Conveyance - Hill Road	\$ 393,530	\$ 400,000	\$ 387,000	\$ 270,802
Upstream Conveyance - North of Pine	\$ 2,407,745	\$ 2,444,000	\$ 2,363,000	\$ 1,656,855
Total Conveyance Projects Cost	\$ 45,994,773	\$ 47,145,100	\$ 45,496,000	\$ 32,078,141

Contingency \$ 10,075,791

Project Mgmt./Engineering/Permitting \$ 13,620,485

Total Storage and Conveyance Budget \$ 75,447,773 \$ 78,100,100 \$ 75,721,000 \$ 75,721,000



Stormwater Storage and Conveyance Budget Adoption in 2020

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Crow Island Storage Outlet	\$ 2,071,844	\$ 2,483,000	\$ 2,401,000	\$ 1,754,866
South of Willow Conveyance	\$ 17,858,650	\$ 18,280,000	\$ 17,675,000	\$ 12,387,517
Upstream Conveyance - Provident Neighborhood	\$ 2,930,283	\$ 2,974,000	\$ 2,876,000	\$ 2,016,432
Upstream Conveyance - Hill Road	\$ 393,530	\$ 400,000	\$ 387,000	\$ 270,802
Upstream Conveyance - North of Pine	\$ 2,407,745	\$ 2,444,000	\$ 2,363,000	\$ 1,656,855
Total Conveyance Projects Cost	\$ 45,994,773	\$ 47,145,100	\$ 45,496,000	\$ 32,078,141

Contingency \$ 10,075,791

Project Mgmt./Engineering/Permitting \$ 13,620,485

Total Storage and Conveyance Budget \$ 75,447,773 \$ 78,100,100 \$ 75,721,000 \$ 75,721,000



Stormwater Conveyance Budget in 2020

Stormwater Conveyance Winnetka's 5-Year CFP	11/2020 Council Approved Budget
Hibbard North Conveyance	\$ 3,576,051
Tree Streets Conveyance - Oak Street	\$ 3,265,175
Tree Streets Conveyance - Ash Street	\$ 3,514,116
Willow Road East	\$ 3,636,327
Crow Island Storage Outlet	\$ 1,754,866
South of Willow Conveyance	\$ 12,387,517
Upstream Conveyance - Provident Neighborhood	\$ 2,016,432
Upstream Conveyance - Hill Road	\$ 270,802
Upstream Conveyance - North of Pine	\$ 1,656,855
Total Conveyance Projects Cost	\$ 32,078,141

Contingency \$ 8,428,595

Total Conveyance Budget \$ 40,506,736



Stormwater Conveyance Budget in 2020

Stormwater Conveyance Winnetka's 5-Year CFP	11/2020 Council Approved Budget
Hibbard North Conveyance	\$ 3,576,051
Tree Streets Conveyance - Oak Street	\$ 3,265,175
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Total Conveyance Projects Cost	\$ 32,078,141
Contingency	\$ 8,428,595
Total Conveyance Budget	\$ 40,506,736



Stormwater Conveyance Budget in 2020

11/2020 Council Approved Budget
\$ 32,078,141

Contingency	\$ 8,428,595
-------------	--------------

Total Stormwater Conveyance Budget	\$ 40,506,736
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Stormwater Conveyance Budget Annual CPI Escalation to 2026

Village Stormwater Budget Annual Escalation						
11/2020 Council Approved Budget	12/31/21 Budget Escalation (CPI) 107%	12/31/22 Budget Escalation (CPI) 106.5%	12/31/23 Budget Escalation (CPI) 103.4%	12/31/24 Budget Escalation (CPI) 102.9%	12/31/25 Budget Escalation (CPI) 102.7%	
\$ 32,078,141	\$ 34,323,611	\$ 36,554,646	\$ 37,797,504	\$ 38,893,631	\$ 39,943,759	
Contingency	\$ 8,428,595	\$ 8,428,595	\$ 8,428,595	\$ 8,428,595	\$ 8,428,595	\$ 8,428,595
Total Stormwater Conveyance Budget	\$ 40,506,736	\$ 42,752,206	\$ 44,983,241	\$ 46,226,099	\$ 47,322,226	\$ 48,372,354



Stormwater Conveyance Budget Remaining

		Village Stormwater Budget Remaining			
		12/31/25 Budget Escalation (CPI) 102.7%	Budget Used to Date	Year Spent	Remaining Project Budget to Date 1/15/26
		\$ 39,943,759	\$ 8,626,865	22,23,24	\$ 30,257,424
	Contingency	\$ 8,428,595	\$ 3,405,810	22,23,24	\$ 5,022,785
	Total Stormwater Conveyance Budget	\$ 48,372,354	Total Budget Remaining		\$ 35,280,209



Stormwater Conveyance Budget Remaining – Expanded

Winnetka's 5-Year Comprehensive Financial Plan	Remaining Project Budget to Date 1/15/26
Hibbard North Conveyance	\$ 1,458,674
Tree Streets Conveyance - Oak Street	\$ 3,910,742
Tree Streets Conveyance - Ash Street	\$ 3,896,466
Willow Road East	\$ 3,622,369
Crow Island Storage Outlet	Complete
South of Willow Conveyance	\$ 12,457,987
Upstream Conveyance - Provident	\$ 2,510,865
Upstream Conveyance - Hill Road	\$ 337,202
Upstream Conveyance - North of Pine	\$ 2,063,119
	\$ 30,257,424

Contingency **\$ 5,022,785**

Total Budget Remaining \$ 35,280,209



Stormwater Conveyance Budget Remaining and 2026 EOPC

Winnetka's 5-Year Comprehensive Financial Plan	Remaining Project Budget to Date 1/15/26	2/10/26 EOPC
Hibbard North Conveyance	\$ 1,458,674	\$ 5,741,547
Tree Streets Conveyance - Oak Street	\$ 3,910,742	\$ 7,404,901
Tree Streets Conveyance - Ash Street	\$ 3,896,466	\$ 10,384,256
Willow Road East	\$ 3,622,369	\$ 5,347,381
Crow Island Storage Outlet	Complete	
South of Willow Conveyance	\$ 12,457,987	\$ 11,734,237
Upstream Conveyance - Provident	\$ 2,510,865	\$ 2,551,651
Upstream Conveyance - Hill Road	\$ 337,202	\$ 677,180
Upstream Conveyance - North of Pine	\$ 2,063,119	\$ 3,777,102
	\$ 30,257,424	\$ 47,618,256
Contingency	\$ 5,022,785	\$ 4,789,583
Total Budget Remaining	\$ 35,280,209	\$ 52,407,839



Stormwater Conveyance Budget Compared to 2026 EOPC

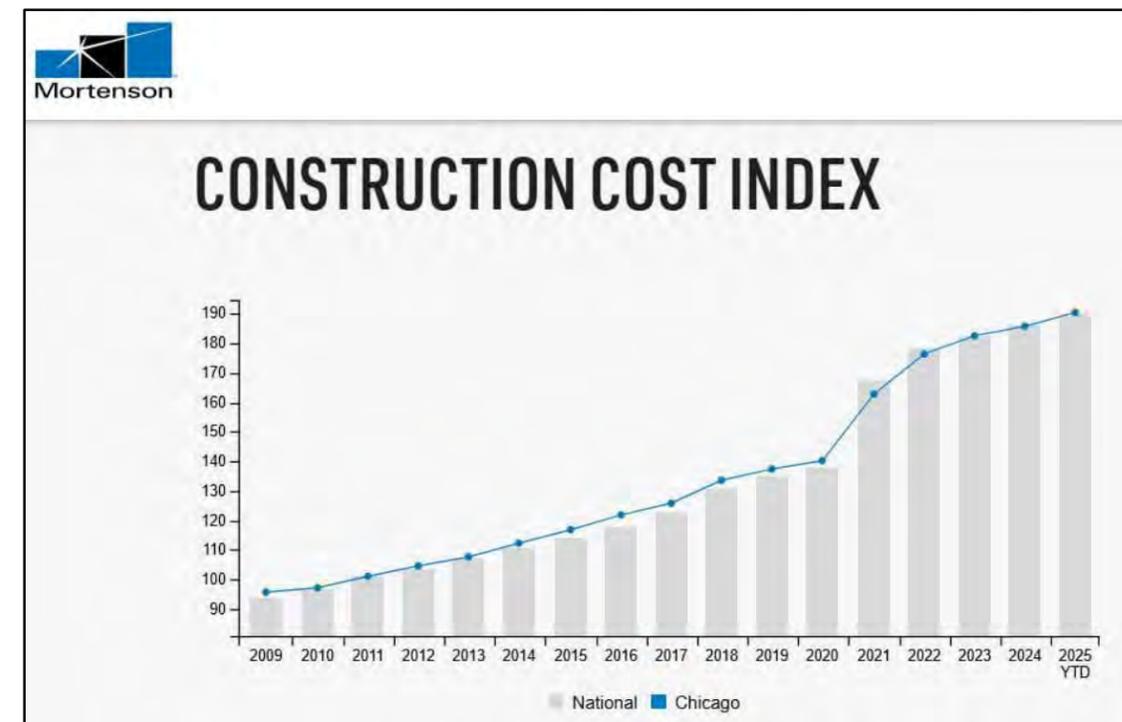
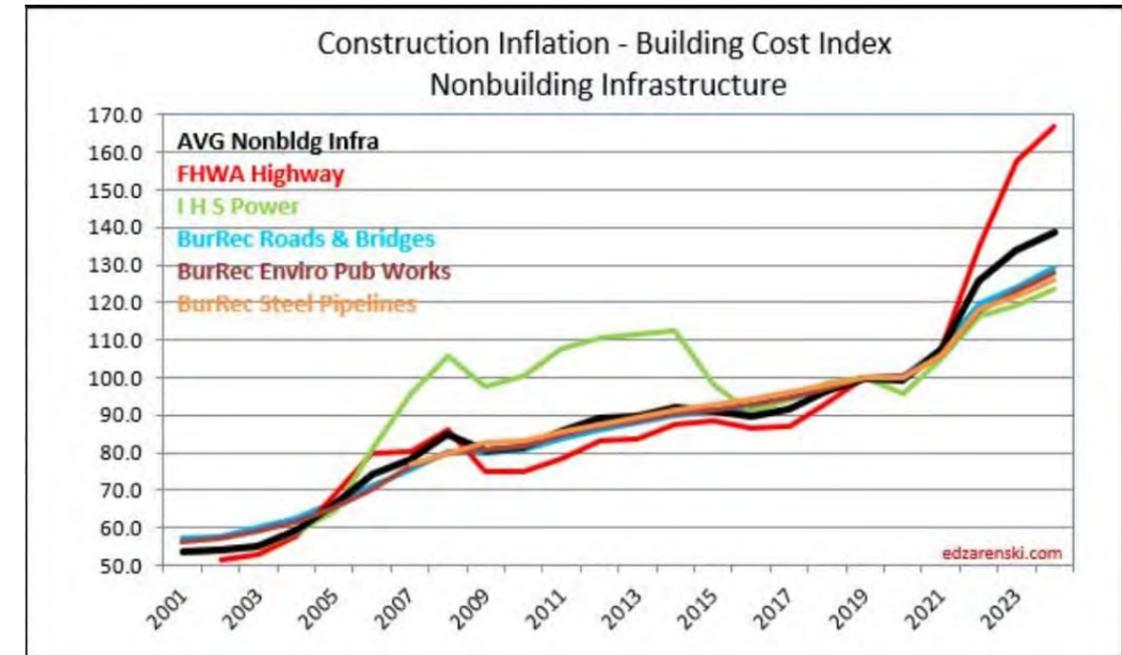
Winnetka's 5-Year Comprehensive Financial Plan	Remaining Project Budget to Date 1/15/26	2/10/26 EOPC	2026 EOPC Compared to 2026 Remaining Village Budget
Hibbard North Conveyance	\$ 1,458,674	\$ 5,741,547	\$ (4,282,873)
Tree Streets Conveyance - Oak Street	\$ 3,910,742	\$ 7,404,901	\$ (3,494,159)
Tree Streets Conveyance - Ash Street	\$ 3,896,466	\$ 10,384,256	\$ (6,487,790)
Willow Road East	\$ 3,622,369	\$ 5,347,381	\$ (1,725,012)
Crow Island Storage Outlet	Complete		
South of Willow Conveyance	\$ 12,457,987	\$ 11,734,237	\$ 723,750
Upstream Conveyance - Provident	\$ 2,510,865	\$ 2,551,651	\$ (40,786)
Upstream Conveyance - Hill Road	\$ 337,202	\$ 677,180	\$ (339,978)
Upstream Conveyance - North of Pine	\$ 2,063,119	\$ 3,777,102	\$ (1,713,983)
	\$ 30,257,424	\$ 47,618,256	\$ (17,360,832)
Contingency	\$ 5,022,785	\$ 4,789,583	\$ 233,202
Total Budget Remaining	\$ 35,280,209	\$ 52,407,839	\$ (17,127,630)



Construction Cost Inflation Since 2020

Construction Cost Indices Tracked

- Federal Bureau of Reclamation - Roads and Bridges
- US Federal Highway Administration (FHWA)
- Concrete Pipe Institute
- Construction Analytics Composite – Non-Building Infrastructure
- Mortenson National Index
- Mortenson Chicago Index



Construction Cost Indices Since 2020

	Construction Cost Indexed from 2020				
	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
B. of Recl. Composite Roads and Bridges	108%	112%	124%	129%	133%
FHWA	107%	113%	158%	167%	174%
Concrete Pipe Input	110%	110%	149%	156%	162%
Constrution Analytics Composite - Non-Building	106%	114%	125%	131%	141%
Mortenson - National	124%	96%	135%	138%	141%
Mortenson - Chicago	118%	101%	133%	135%	139%
Average All Above	112%	107%	137%	143%	150%

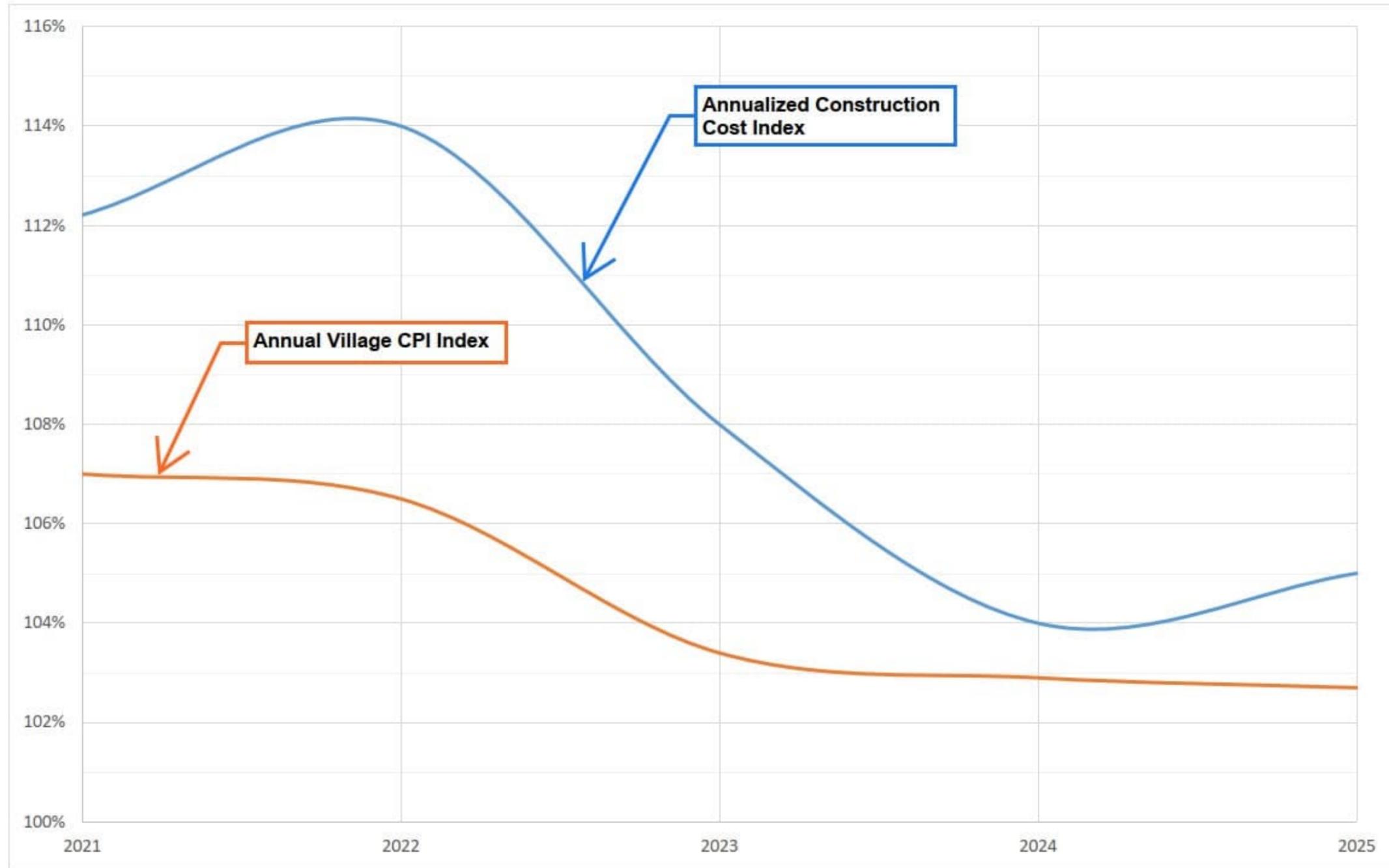


Construction Cost Indices Since 2020

	Construction Cost Indexed from 2020				
	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
B. of Recl. Composite Roads and Bridges	108%	112%	124%	129%	133%
FHWA	107%	113%	158%	167%	174%
Concrete Pipe Input	110%	110%	149%	156%	162%
Constrution Analytics Composite - Non-Building	106%	114%	125%	131%	141%
Mortenson - National	124%	96%	135%	138%	141%
Mortenson - Chicago	118%	101%	133%	135%	139%
Average All Above	112%	107%	137%	143%	150%
Annualized Construction Cost Index	112%	114%	108%	104%	105%
Annual Village CPI Index	107%	106.5%	103.4%	102.9%	102.7%



Construction Cost Indices Since 2020



Stormwater Conveyance Budget Construction Indexed to 2026

	11/2020 Council Approved Budget
	\$ 32,078,141
Contingency	\$ 8,428,595
Total Stormwater Conveyance Budget	\$ 40,506,736



Stormwater Conveyance Budget Construction Indexed to 2026

		Village Stormwater Budget Construction Indexed to 2026				
		12/31/2021 Construction Index 112%	12/31/2022 Construction Index 114%	12/31/2023 Construction Index 108%	12/31/2024 Construction Index 104%	12/31/2025 Construction Index 105%
	11/2020 Council Approved Budget					
	\$ 32,078,141	\$ 35,927,518	\$ 40,957,370	\$ 44,233,960	\$ 46,003,318	\$ 48,303,484
Contingency	\$ 8,428,595	\$ 9,440,026	\$ 10,761,630	\$ 11,622,561	\$ 12,087,463	\$ 12,691,836
Total Budget Remaining	\$ 40,506,736	\$ 45,367,544	\$ 51,719,001	\$ 55,856,521	\$ 58,090,781	\$ 60,995,320



Stormwater Conveyance Construction Indexed Budget Remaining

		Construction Indexed Budget Remaining			
		12/31/2025 Construction Index 105%	Budget Used to Date	Year Spent	Remaining Construction Indexed Budget to Date 1/15/26
		\$ 48,303,484	\$ 8,626,865	22,23,24	\$ 39,676,619
Contingency		\$ 12,691,836	\$ 3,405,810	22,23,24	\$ 9,286,026
Total Stormwater Conveyance Budget		\$ 60,995,320	Total C.I. Budget Remaining		\$ 48,962,645



Stormwater Conveyance Construction Indexed Budget Remaining - Expanded

Winnetka's 5-Year Comprehensive Financial Plan	Remaining Construction Indexed Budget to Date 1/15/26
Hibbard North Conveyance	\$ 2,906,322
Tree Streets Conveyance - Oak Street	\$ 4,793,974
Tree Streets Conveyance - Ash Street	\$ 4,943,792
Willow Road East	\$ 4,646,851
Crow Island Storage Outlet	\$ 574,739
South of Willow Conveyance	\$ 15,871,905
Upstream Conveyance - Provident	\$ 3,036,357
Upstream Conveyance - Hill Road	\$ 407,776
Upstream Conveyance - North of Pine	\$ 2,494,904
	\$ 39,676,619

Contingency **\$ 9,286,026**

Total C.I. Budget Remaining \$ 48,962,645



Stormwater Conveyance C.I. Budget and 2026 EOPC

Winnetka's 5-Year Comprehensive Financial Plan	Remaining Construction Indexed Budget to Date 1/15/26	2/10/26 EOPC
Hibbard North Conveyance	\$ 2,906,322	\$ 5,741,547
Tree Streets Conveyance - Oak Street	\$ 4,793,974	\$ 7,404,901
Tree Streets Conveyance - Ash Street	\$ 4,943,792	\$ 10,384,256
Willow Road East	\$ 4,646,851	\$ 5,347,381
Crow Island Storage Outlet	\$ 574,739	
South of Willow Conveyance	\$ 15,871,905	\$ 11,734,237
Upstream Conveyance - Provident	\$ 3,036,357	\$ 2,551,651
Upstream Conveyance - Hill Road	\$ 407,776	\$ 677,180
Upstream Conveyance - North of Pine	\$ 2,494,904	\$ 3,777,102
	\$ 39,676,619	\$ 47,618,256
Contingency	\$ 9,286,026	\$ 4,789,583
Total C.I. Budget Remaining	\$ 48,962,645	\$ 52,407,839



Stormwater Conveyance C.I. Budget Compared to 2026 EOPC

Winnetka's 5-Year Comprehensive Financial Plan	Remaining Construction Indexed Budget to Date 1/15/26	2/10/26 EOPC	2026 EOPC Compared to 2026 Construction Indexed Budget
Hibbard North Conveyance	\$ 2,906,322	\$ 5,741,547	\$ (2,835,225)
Tree Streets Conveyance - Oak Street	\$ 4,793,974	\$ 7,404,901	\$ (2,610,927)
Tree Streets Conveyance - Ash Street	\$ 4,943,792	\$ 10,384,256	\$ (5,440,464)
Willow Road East	\$ 4,646,851	\$ 5,347,381	\$ (700,530)
Crow Island Storage Outlet	\$ 574,739		\$ 574,739
South of Willow Conveyance	\$ 15,871,905	\$ 11,734,237	\$ 4,137,668
Upstream Conveyance - Provident	\$ 3,036,357	\$ 2,551,651	\$ 484,706
Upstream Conveyance - Hill Road	\$ 407,776	\$ 677,180	\$ (269,404)
Upstream Conveyance - North of Pine	\$ 2,494,904	\$ 3,777,102	\$ (1,282,198)
	\$ 39,676,619	\$ 47,618,256	\$ (7,941,637)
Contingency	\$ 9,286,026	\$ 4,789,583	\$ 4,496,443
Total C.I. Budget Remaining	\$ 48,962,645	\$ 52,407,839	\$ (3,445,194)



Stormwater Conveyance Program Significant Changes

Big Ticket Pay Items

- Box Storm Sewer – Represents over 50% of the project cost
- Storm Manholes and High-Capacity Inlets
- Water Main
- Sanitary Sewer
- Trench Backfill and Roadway Patching

- Compared 2019 Vision EOPC to 2016 EOPC for:
 - Hibbard North
 - Tree Streets (Oak and Ash)
 - South of Willow



Stormwater Conveyance Program Significant Changes

Big Ticket Pay Items - Box Storm Sewer

- Box Storm Sewer – **Hibbard North Project**
 - 5'x3' Box Storm Sewer increased from 276' to 654'
 - 6'x4' Box Storm Sewer stayed about the same
 - 8'x4' Box Storm Sewer decreased from 880' to 770'
 - An overall increase of 520' (140% increase)
- Average unit price increased from \$902 per foot to \$1,542 per foot (172% escalation)
- \$1.84 M cost increase for this project



Stormwater Conveyance Program Significant Changes

Big Ticket Pay Items - Box Storm Sewer

- Box Storm Sewer – **Oak Street**
 - Length stayed nearly the same, the unit cost Increase by **273%**, and overall cost increased by **\$3.0 M**
- Box Storm Sewer – **Ash Street**
 - Length **increased by 282'**, the unit cost increased by **379%**, and the overall cost increased by **\$4.2 M**
- Box Storm Sewer – **South of Willow**
 - Length **decreased by 540'** and we reduced box sizes used, so the unit cost only increased by **140%**, but the overall cost increased by **\$1.3 M**
- **All 4 Projects**
 - Length of box storm sewers only **increased 245' (102%)** but the average unit cost increased **200%**.
 - The overall cost increase for box storm sewer across these four projects was about **\$10.4 M**



Stormwater Conveyance Program Significant Changes

Big Ticket Pay Items – All Four Project Areas

- Storm Manholes and High-Capacity Inlets
 - Quantities increased from 90 to 420 (366% increase), unit costs decreased by 50%, but overall cost increase was almost \$1.0 M
- Water Main
 - Length increased from 2,500' to 4,200' (+167%), unit costs +175%, overall cost increase of \$720,000
- Sanitary Sewer
 - Length increased from 1,540' to 3,090' (+200%), unit costs +154%, overall cost increase of \$480,000
- Other Items Impacted
 - Trench backfill increased 240%, cost increase of \$660,000
 - Pavement patching increased 192%, cost increase of \$1.6 M



Total of the Big Ticket Pay Item Increases

\$14.83 M

W&SW Stormwater Management Program Projected Schedule

Village of Winnetka West and Southwest Stormwater Management Program Projected Schedule																																					
Project	2/10/26 EOPC	2026				2027				2028				2029				2030				2031				2032				2033							
		Q1	Q2	Q3	Q4																																
Hibbard North Conveyance	\$ 5,741,547																																				
Tree Streets Conveyance																																					
Oak Street	\$ 7,404,901																																				
Ash Street	\$ 10,384,256																																				
Willow Road East	\$ 5,347,381																																				
South of Willow Conveyance	\$ 11,734,237																																				
Upstream Conveyance																																					
Provident Neighborhood	\$ 2,551,651																																				
Hill Road	\$ 677,180																																				
North of Pine	\$ 3,777,102																																				
	\$ 47,618,255																																				
		\$1,764,635.73				\$8,774,873.27				\$8,894,578.50				\$9,738,864.00				\$9,245,777.00				\$4,759,324.50				\$3,164,376.50				\$1,275,825.50							





NEXT STEPS

13

- Finalize jurisdictional transfer terms and present agreement to Village Council for approval.
- Advance final design and pre-construction for Willow Road East conveyance project (target construction: Summer 2026).
- Monitor FEMA grant status and prepare a comprehensive financial plan for Western & Southwestern stormwater conveyance ahead of the budget cycle.



QUESTIONS REGARDING WESTERN WINNETKA STORMWATER PROGRAM?





PRESENTATION OVERVIEW

15

- Eastern Winnetka Stormwater Program
 - Project History
 - Project Progression
 - Updated Program Costs
 - Program Timeline
 - Project Funding
 - Next Steps



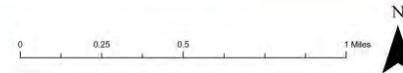


OVERALL EASTERN WINNETKA STORMWATER MANAGEMENT PLAN



Watershed Sub-Basins Storm Drainage Basin
GG2
GG3
FH
KKS
Storm Sewer
Discharge Points

**EXHIBIT B
EASTERN WINNETKA STORMWATER
MANAGEMENT STUDY AREA**





PROJECT PURPOSE & BACKGROUND

17

- Improve stormwater management in Eastern Winnetka (Lake Michigan watershed)
- Reduce flooding risk and improve water quality at Lake Michigan outfalls
- Uses watershed-based approach with grey and green infrastructure
- Builds on prior success of Western Winnetka projects





STUDY APPROACH & COLLABORATION

18

- Evaluated conveyance, storage, infiltration, and property protection solutions
- Considered traditional and emerging stormwater technologies
- Limited public land will prompt intergovernmental collaboration
- Potential partners may include Park District, School District 36, and New Trier High School





GOALS & DESIRED OUTCOMES

- Reduce flood risk up to the 100-year storm event
- Identify cost-effective, sustainable, and feasible improvements
- Balance cost, benefits, water quality, timelines, and community values
- Support transparent, fact-based community dialogue





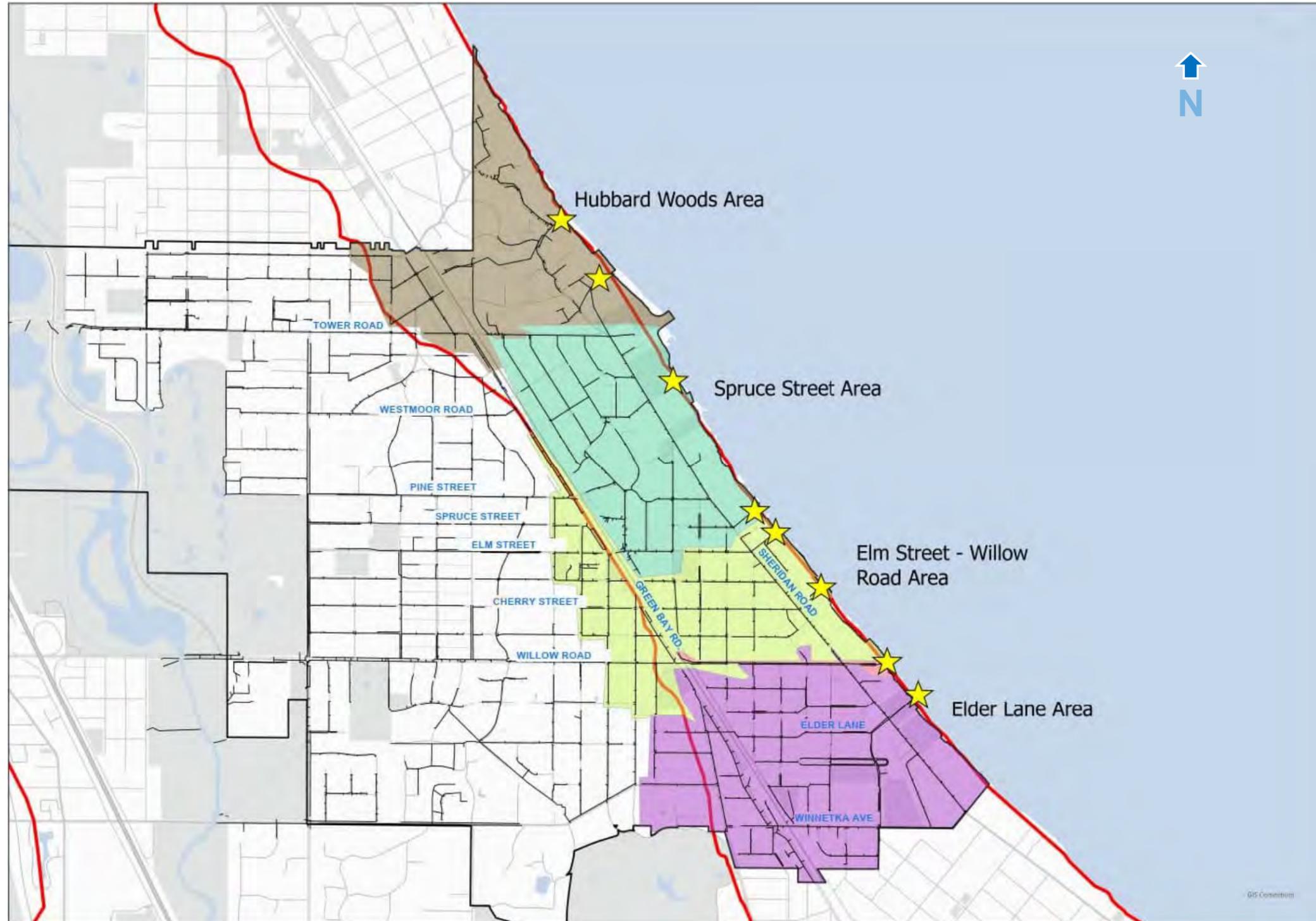
PROJECT FUNDING

20

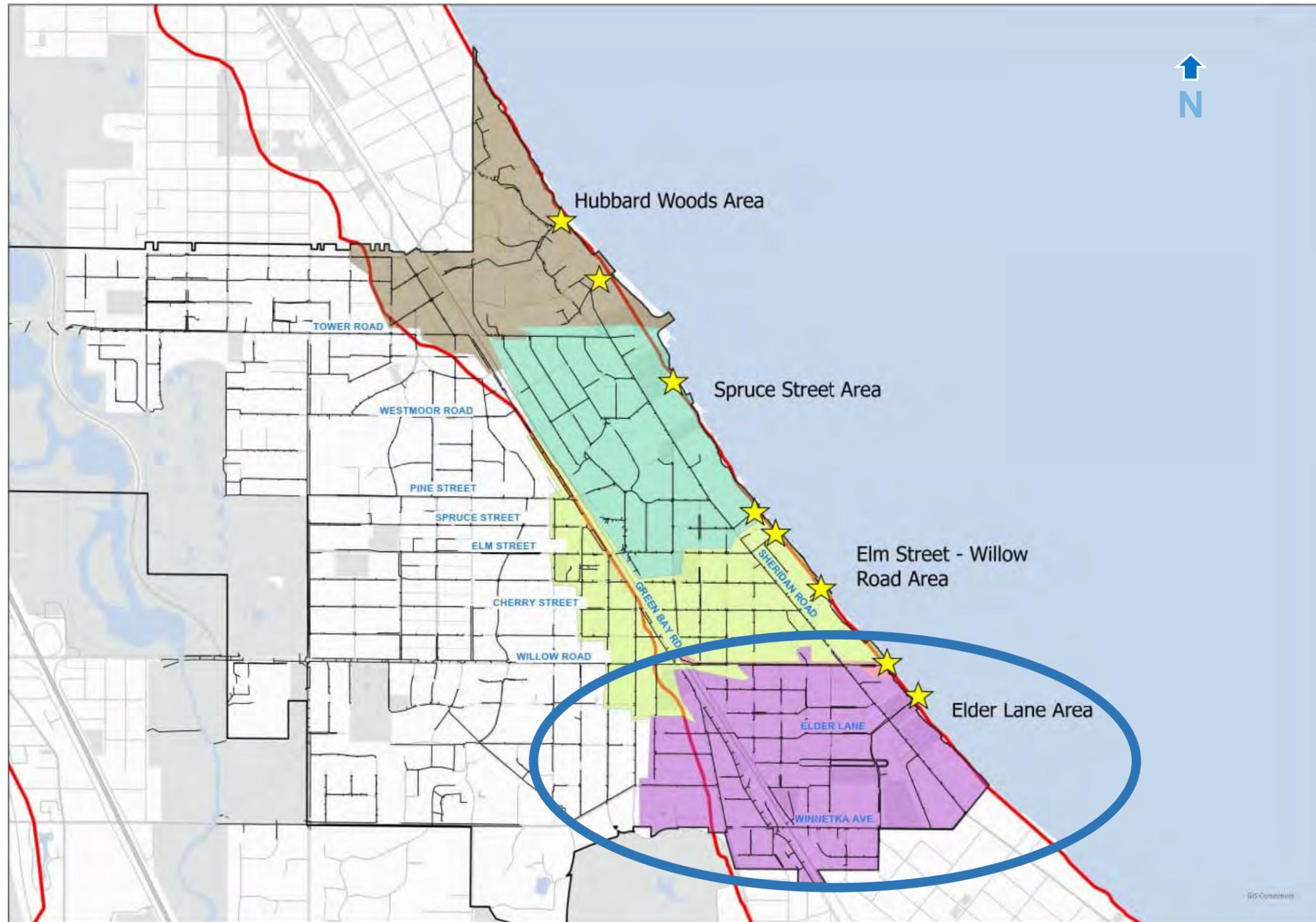
- A comprehensive funding strategy for the Eastern Stormwater Program will be developed as the project approaches its anticipated 2032 construction start.
- Staff to explore future grant opportunities as they become available.



Eastern Winnetka Stormwater Management Program



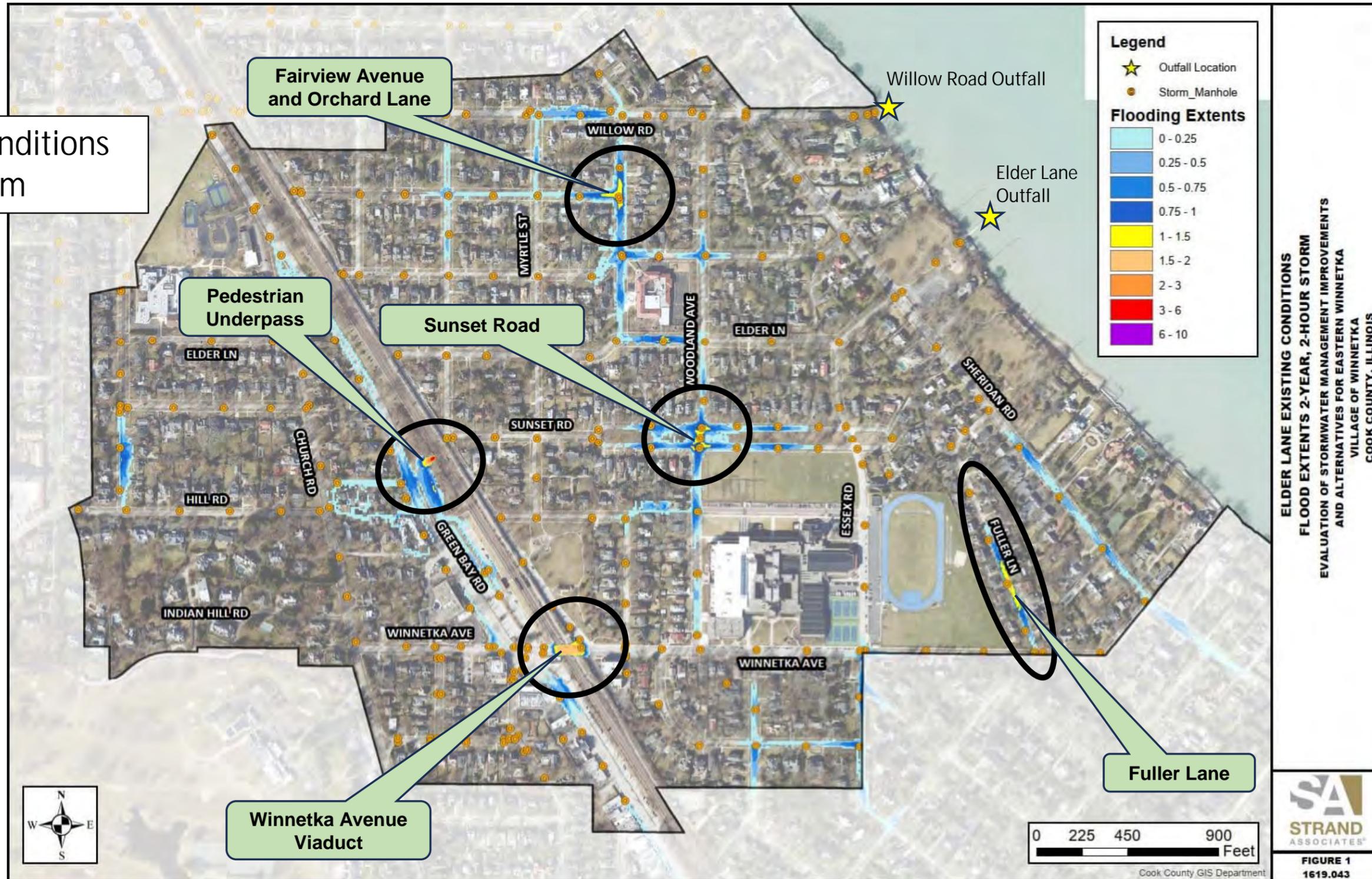
Eastern Winnetka Stormwater Management Program



GIS Consortium

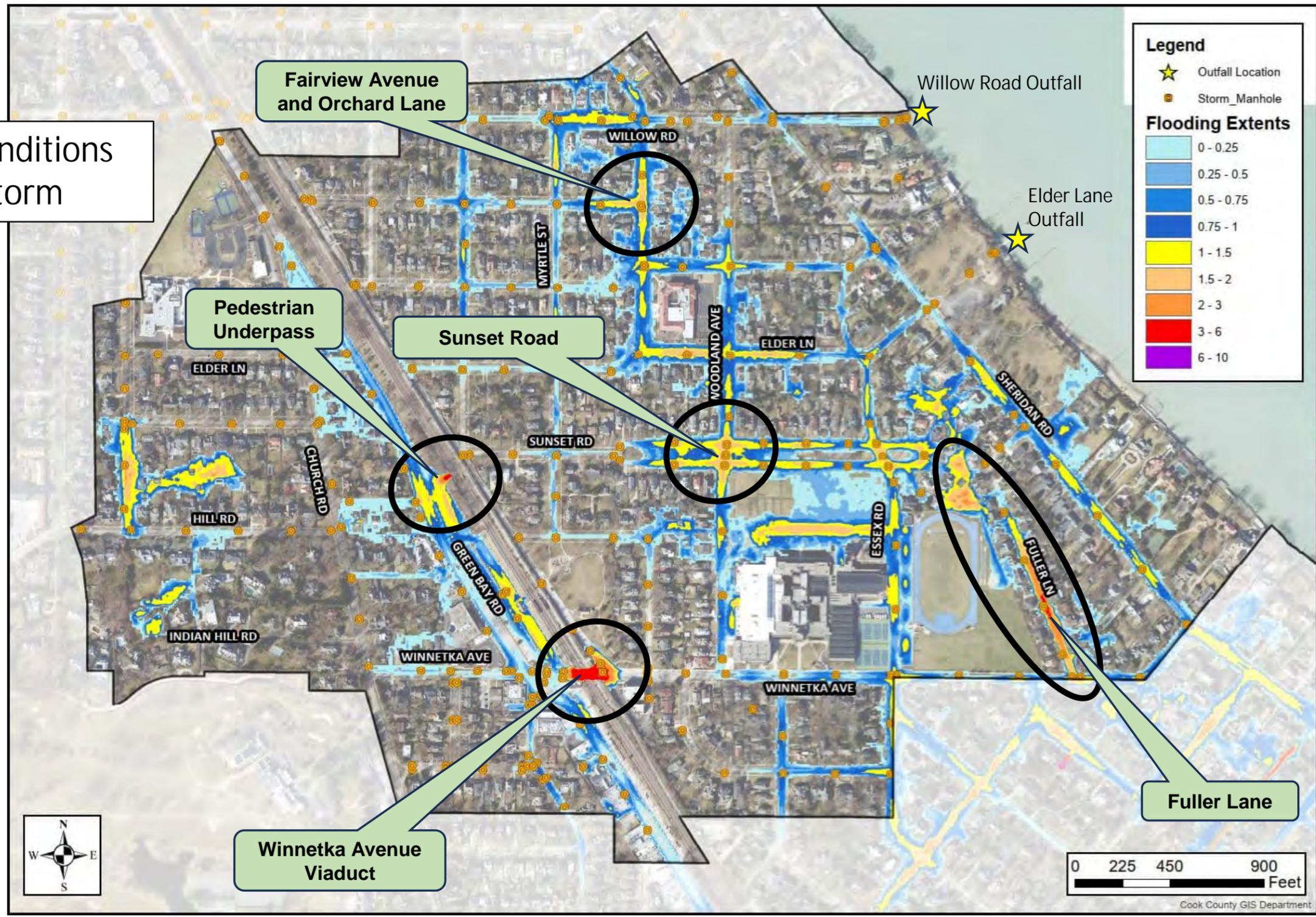
Elder Lane Sub-Area Flooding

Existing Conditions
2-Year Storm



Elder Lane Sub-Area Flooding

Existing Conditions
100-Year Storm

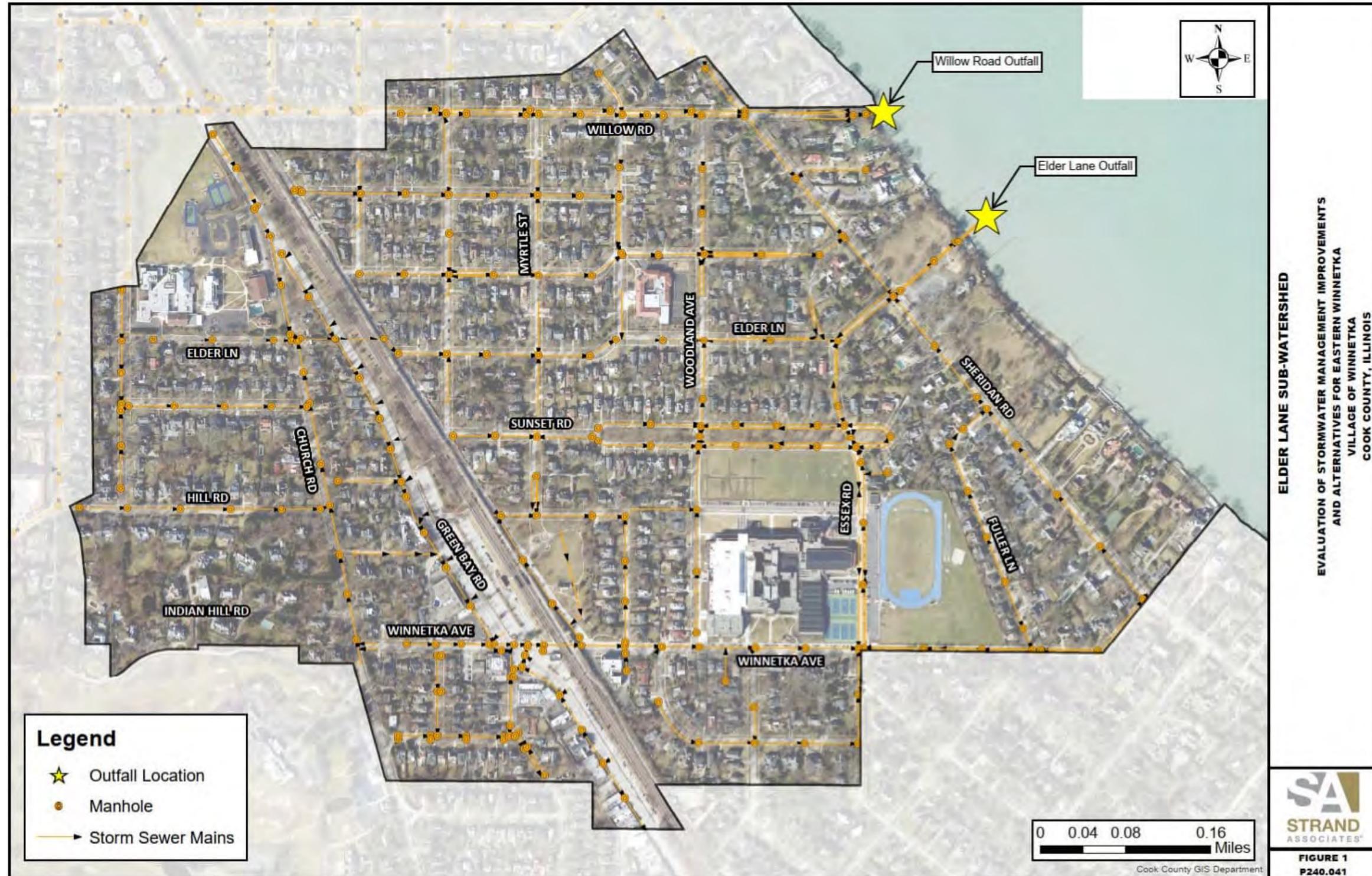


ELDER LANE EXISTING CONDITIONS
FLOOD EXTENTS 100-YEAR, 2-HOUR STORM
EVALUATION OF STORMWATER MANAGEMENT IMPROVEMENTS
AND ALTERNATIVES FOR EASTERN WINNETKA
VILLAGE OF WINNETKA
COOK COUNTY, ILLINOIS

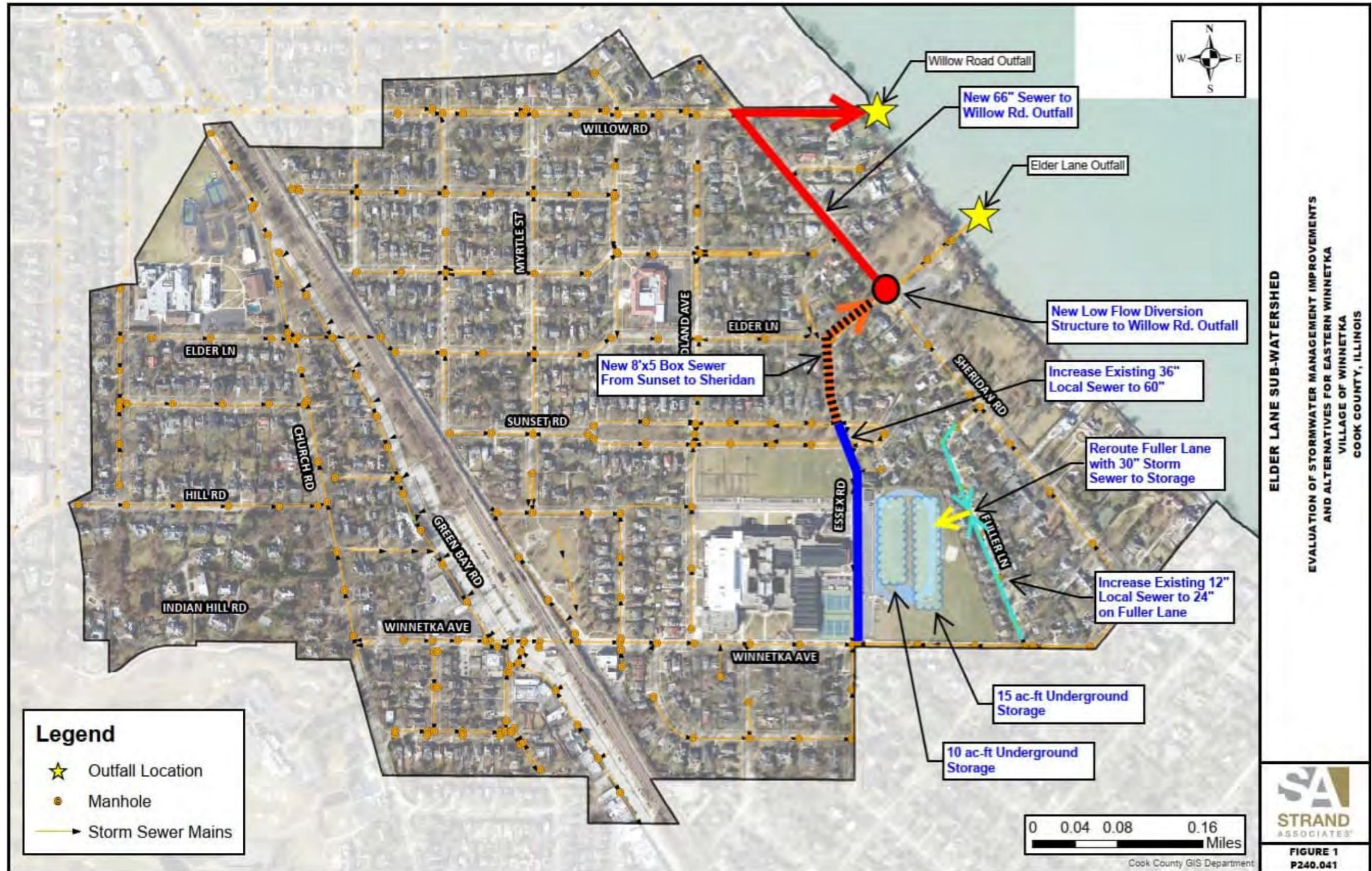
FIGURE 6
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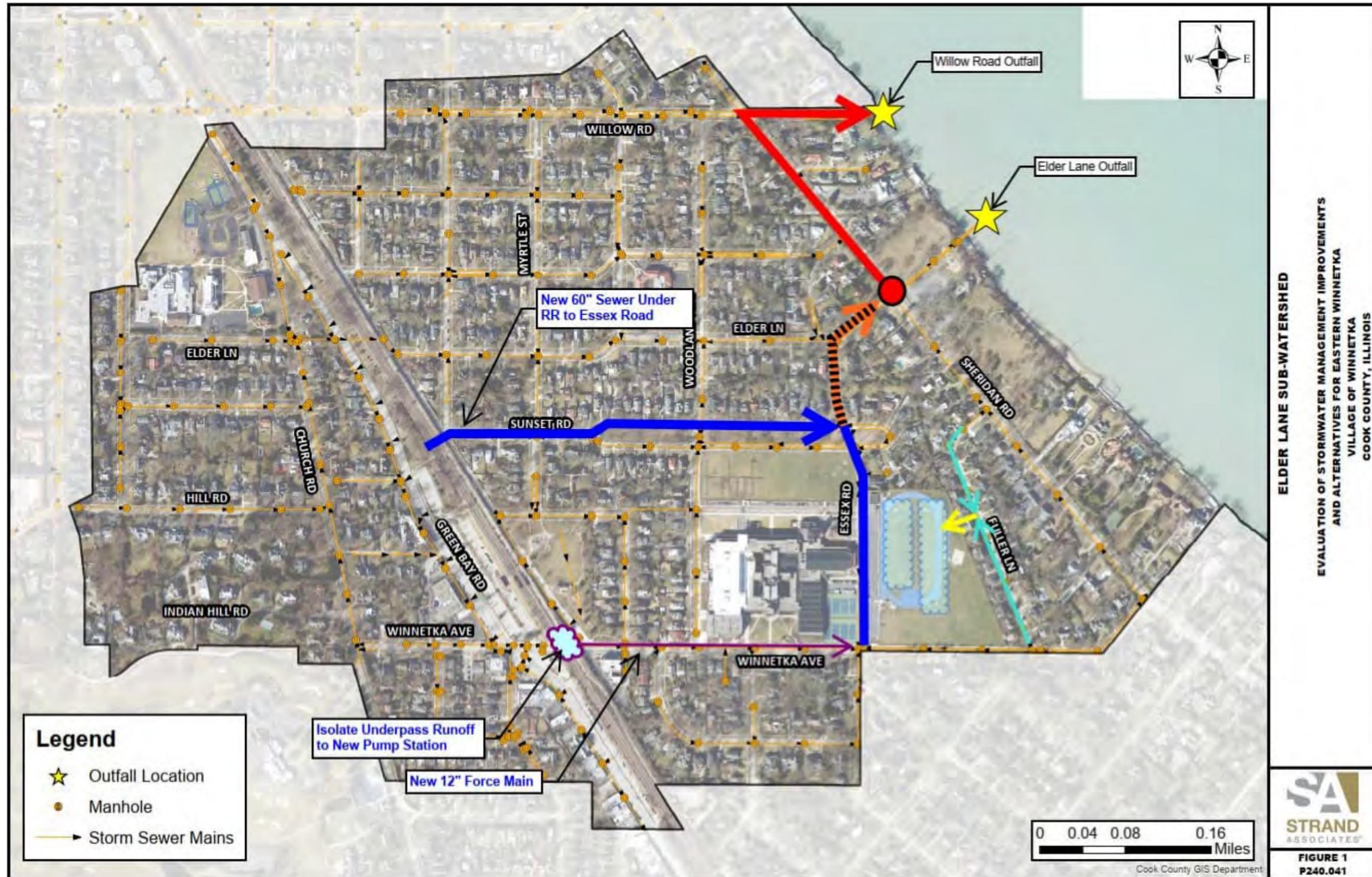
Elder Lane Area - Stormwater Conveyance and Storage Plan



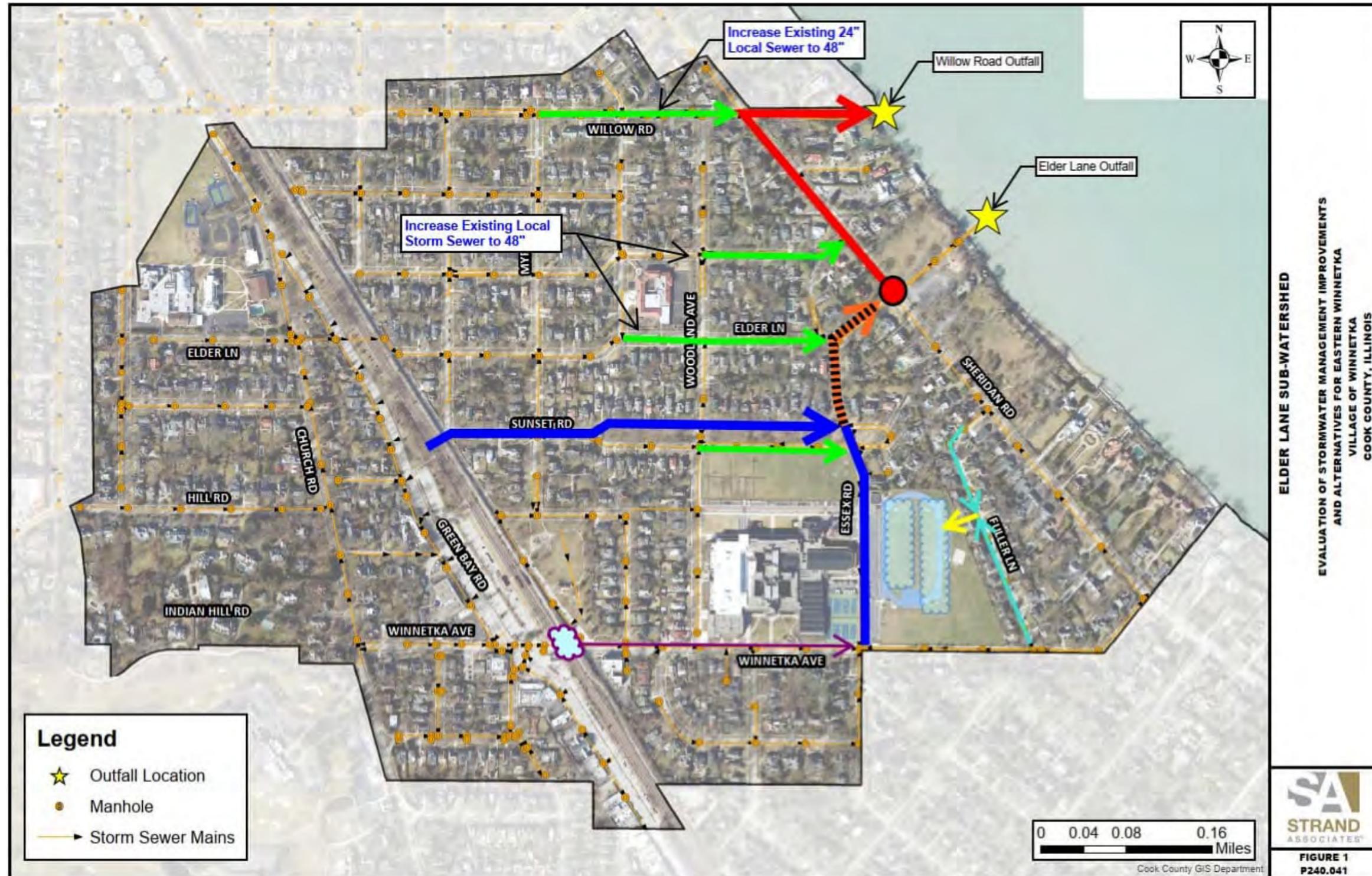
Elder Lane Area – Primary System



Elder Lane Area – Secondary Systems



Elder Lane Area – Secondary Systems



Elder Lane Area – Local Storm Sewer Improvements

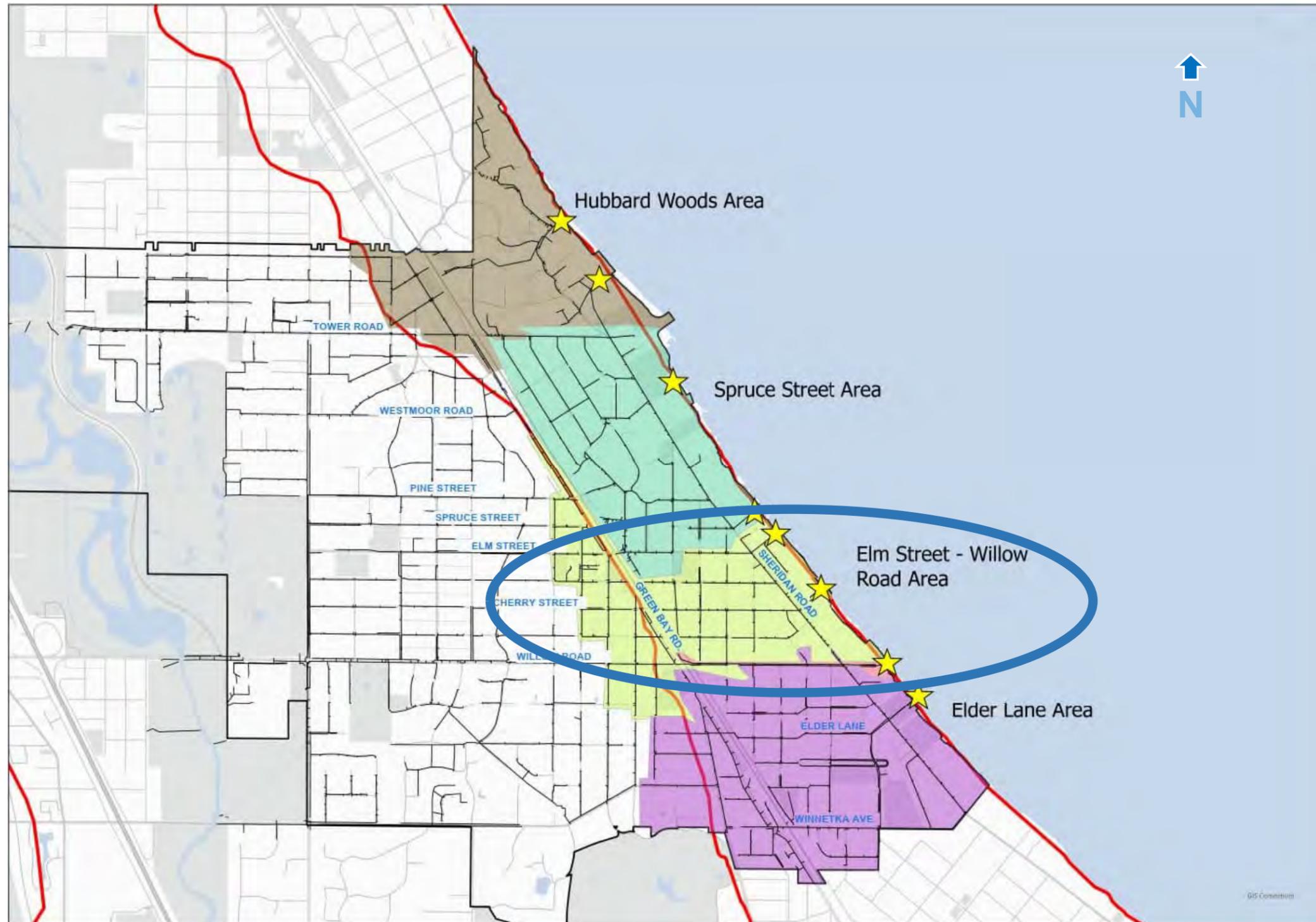


Elder Sub-Watershed Stormwater Management Plan 2026 EOPC

Eastern Winnetka Stormwater Management Program Component Projects	2/10/26 Vision EOPC
Elder Lane Area	
Sheridan Road Storm Sewer and Willow Road Outfall	\$ 3,515,428
Elder Lane Storm Sewer	\$ 2,888,769
Essex Road North Storm Sewer	\$ 2,982,181
Essex Road South Storm Sewer and 10 ac.-ft. Underground Storage	\$ 9,356,284
Fuller Lane Storm Sewer and 15-ac-ft. Underground Storage	\$ 7,880,292
Subtotal - Elder Area Primary System	\$ 26,622,956
Winnetka Avenue Underpass Pumping Station and Force Main	\$ 1,800,872
Sunset Road Storm Sewer and Railroad Crossing	\$ 6,036,055
Greenbay Road Storm Sewer	\$ 1,273,000
Church Road Storm Sewer	\$ 2,104,901
Willow Road Local Storm Sewer	\$ 4,921,663
Hawthorn Lane Storm Sewer	\$ 722,959
Subtotal - Elder Area Secondary System	\$ 16,859,450
30% Contingency	\$ 13,044,722
Total - Elder Lane Area	\$ 56,527,128

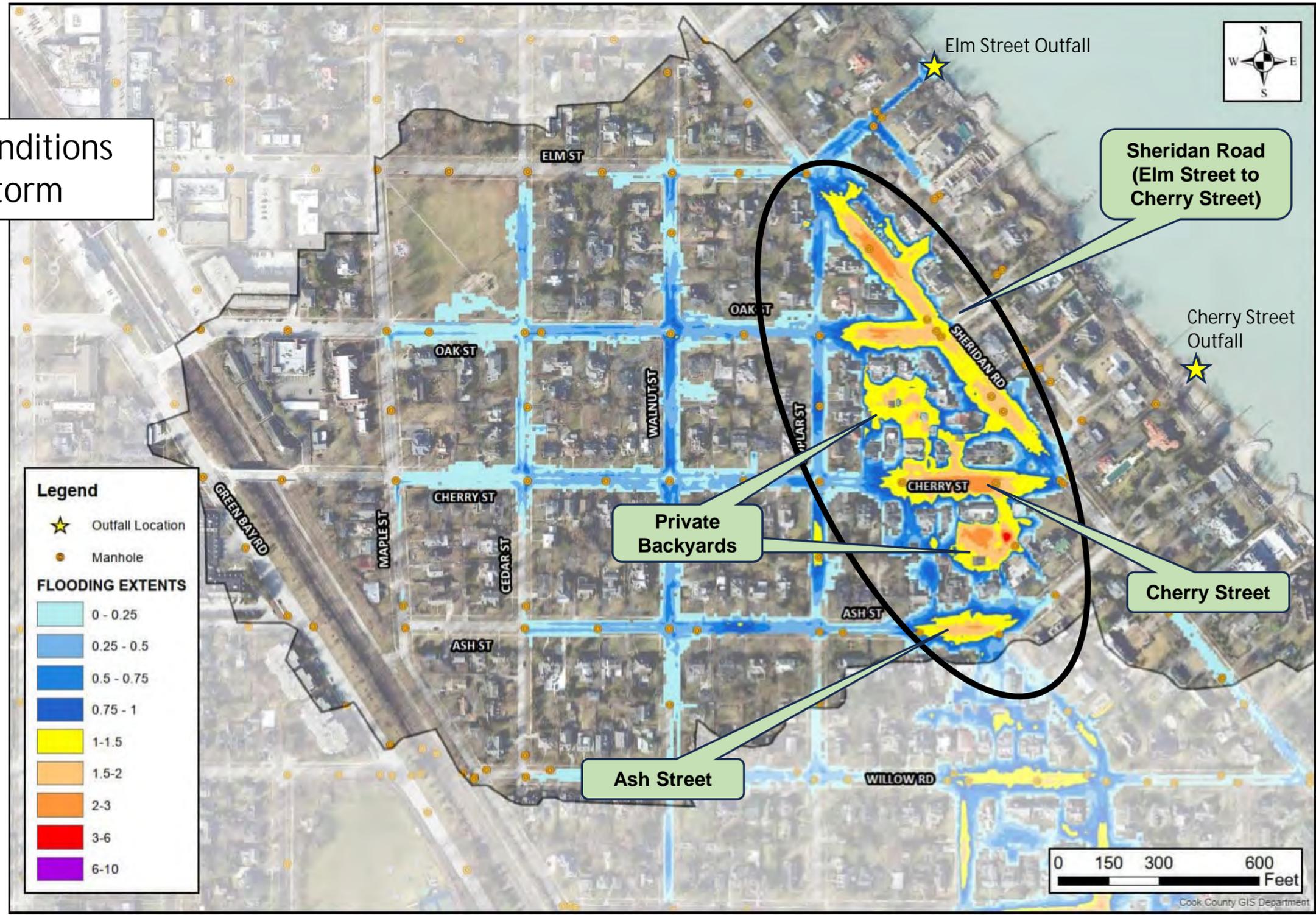


Eastern Winnetka Stormwater Management Program



Elm Street-Willow Road Sub-Area Flooding

Existing Conditions
100-Year Storm



ELM STREET - WILLOW ROAD EXISTING CONDITIONS
FLOOD EXTENTS 100-YEAR, 1-HOUR STORM
EVALUATION OF STORMWATER MANAGEMENT IMPROVEMENTS
AND ALTERNATIVES FOR EASTERN WINNETKA
VILLAGE OF WINNETKA
COOK COUNTY, ILLINOIS



SA
STRAND
ASSOCIATES®

FIGURE 12
1619.043

Cook County GIS Department

Elm Street-Willow Road Sub-Area Flooding

Existing Conditions
2-Year Storm



Legend

- ★ Outfall Location
- Manhole

FLOODING EXTENTS

Lightest Blue	0 - 0.25
Light Blue	0.25 - 0.5
Medium Blue	0.5 - 0.75
Dark Blue	0.75 - 1
Yellow	1 - 1.5
Light Orange	1.5 - 2
Orange	2 - 3
Red	3 - 6
Purple	6 - 10

ELM STREET - WILLOW ROAD EXISTING CONDITIONS
FLOOD EXTENTS 2-YEAR, 1-HOUR STORM
EVALUATION OF STORMWATER MANAGEMENT IMPROVEMENTS
AND ALTERNATIVES FOR EASTERN WINNETKA
VILLAGE OF WINNETKA
COOK COUNTY, ILLINOIS

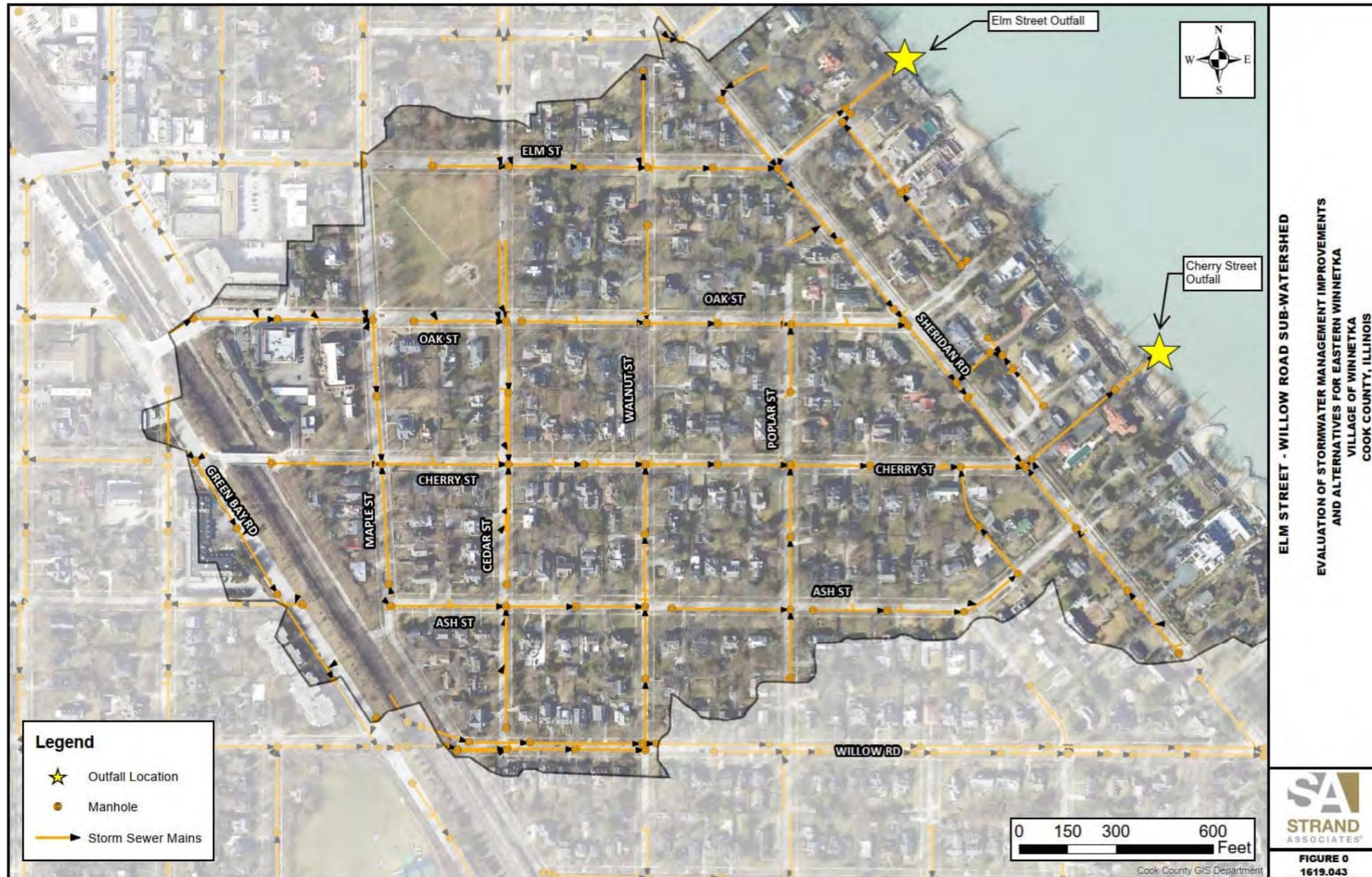
SA
STRAND
ASSOCIATES

FIGURE 7
1619.043



Cook County GIS Department

Elm Street-Willow Road Area - Stormwater Conveyance Plan



Elm Street-Willow Road Area – South Sheridan

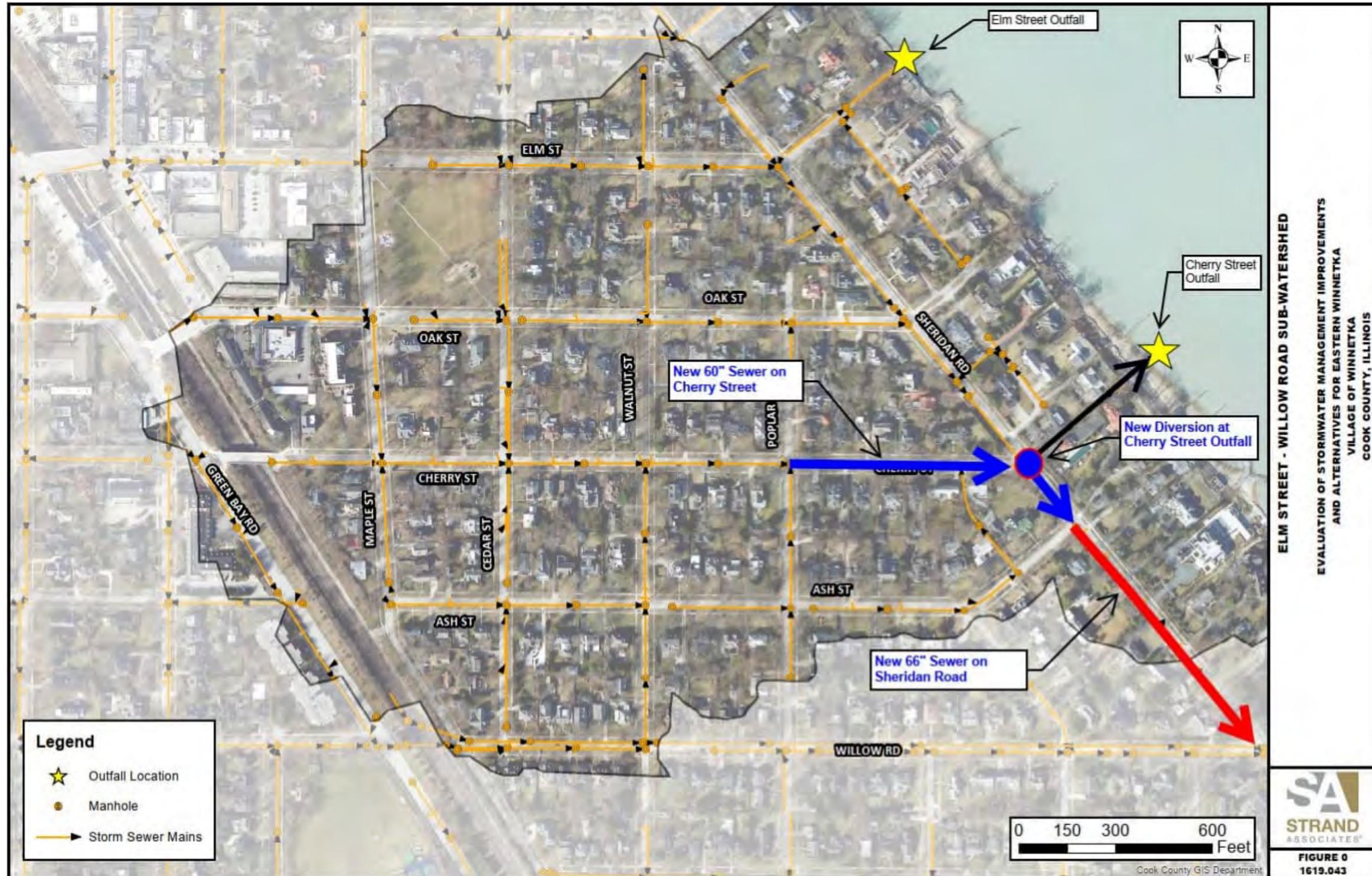
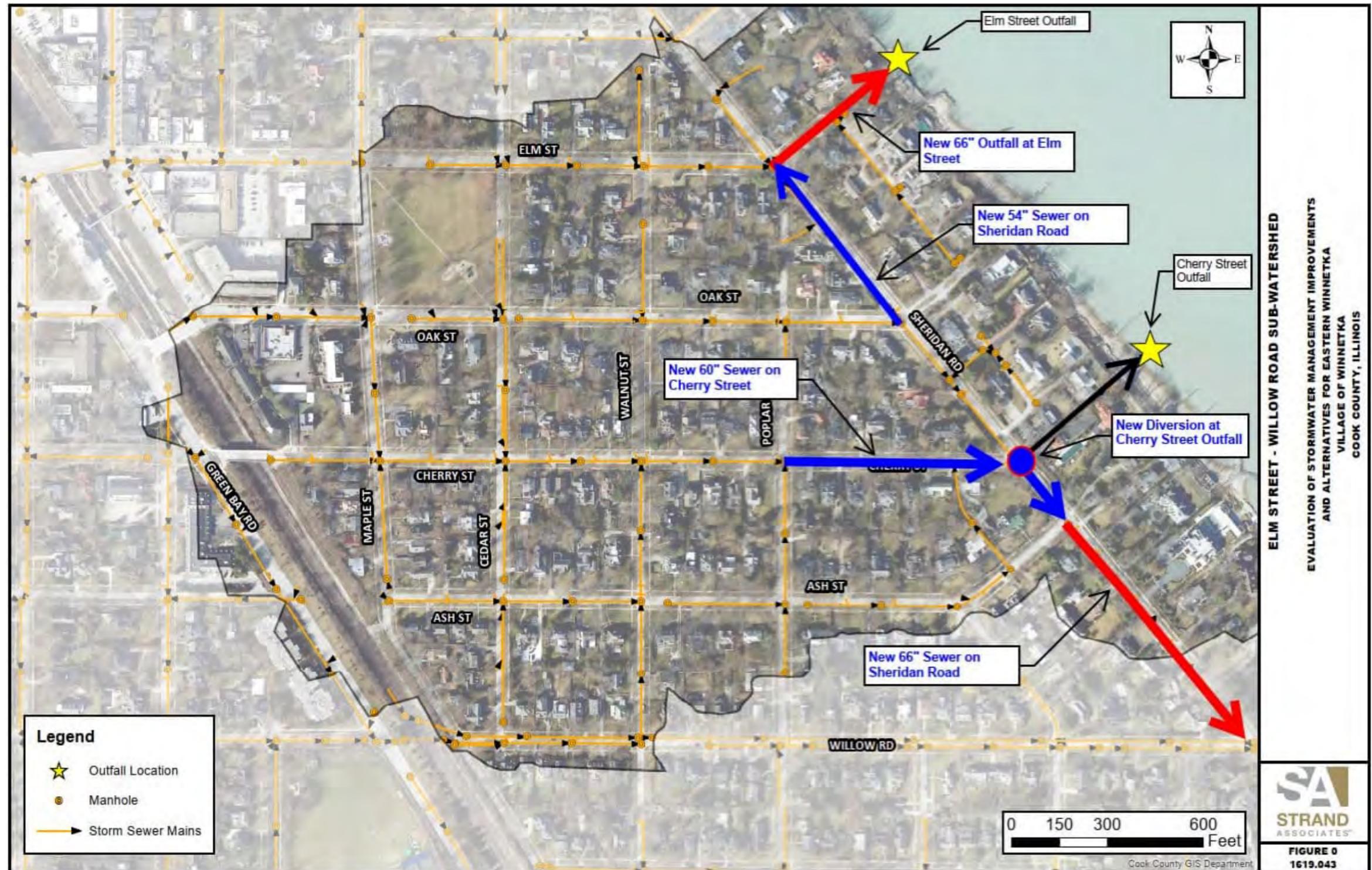


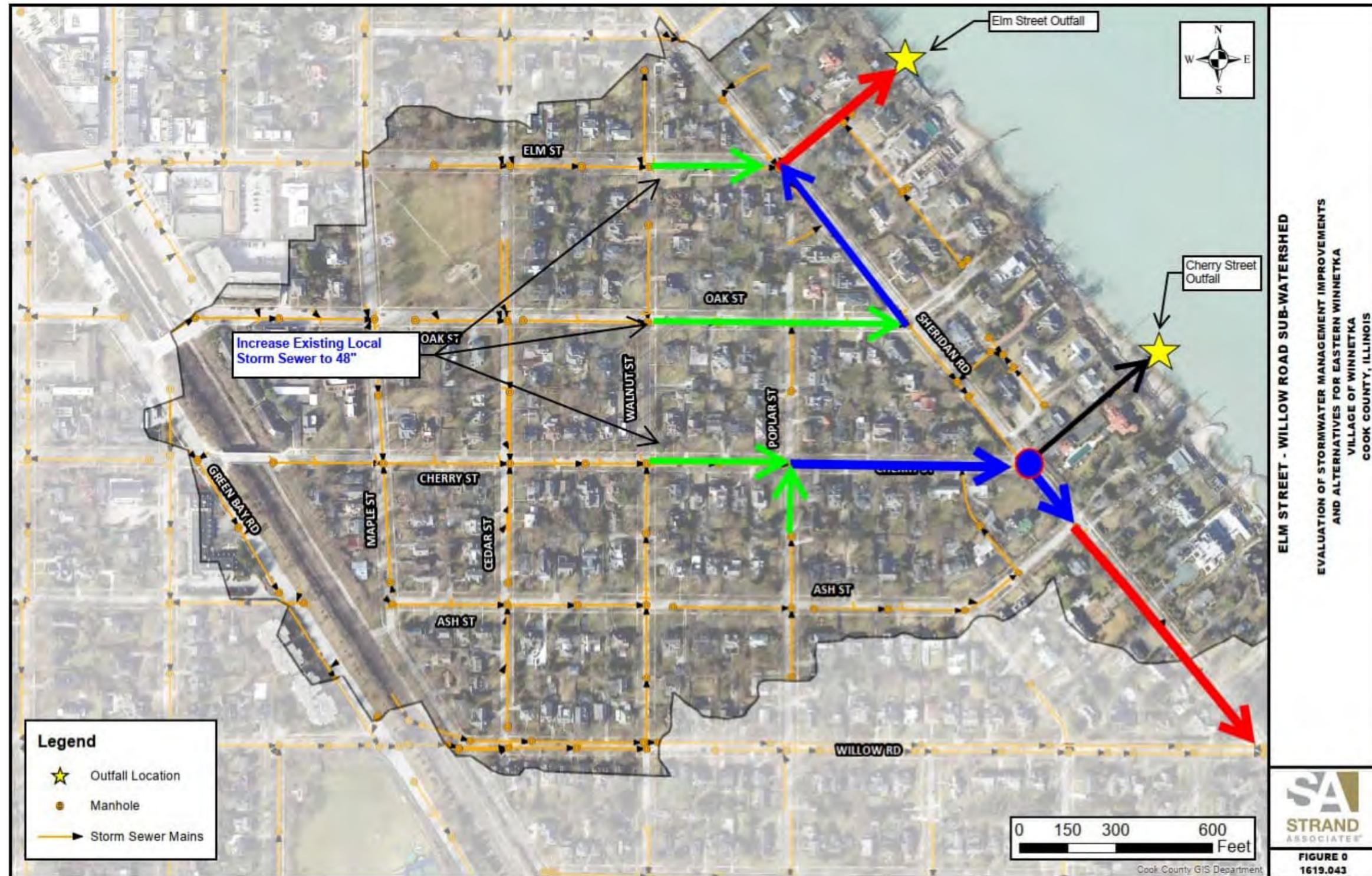
FIGURE 0
1619.043

ELM STREET - WILLOW ROAD SUB-WATERSHED
EVALUATION OF STORMWATER MANAGEMENT IMPROVEMENTS
AND ALTERNATIVES FOR EASTERN WINNETKA
VILLAGE OF WINNETKA
COOK COUNTY, ILLINOIS

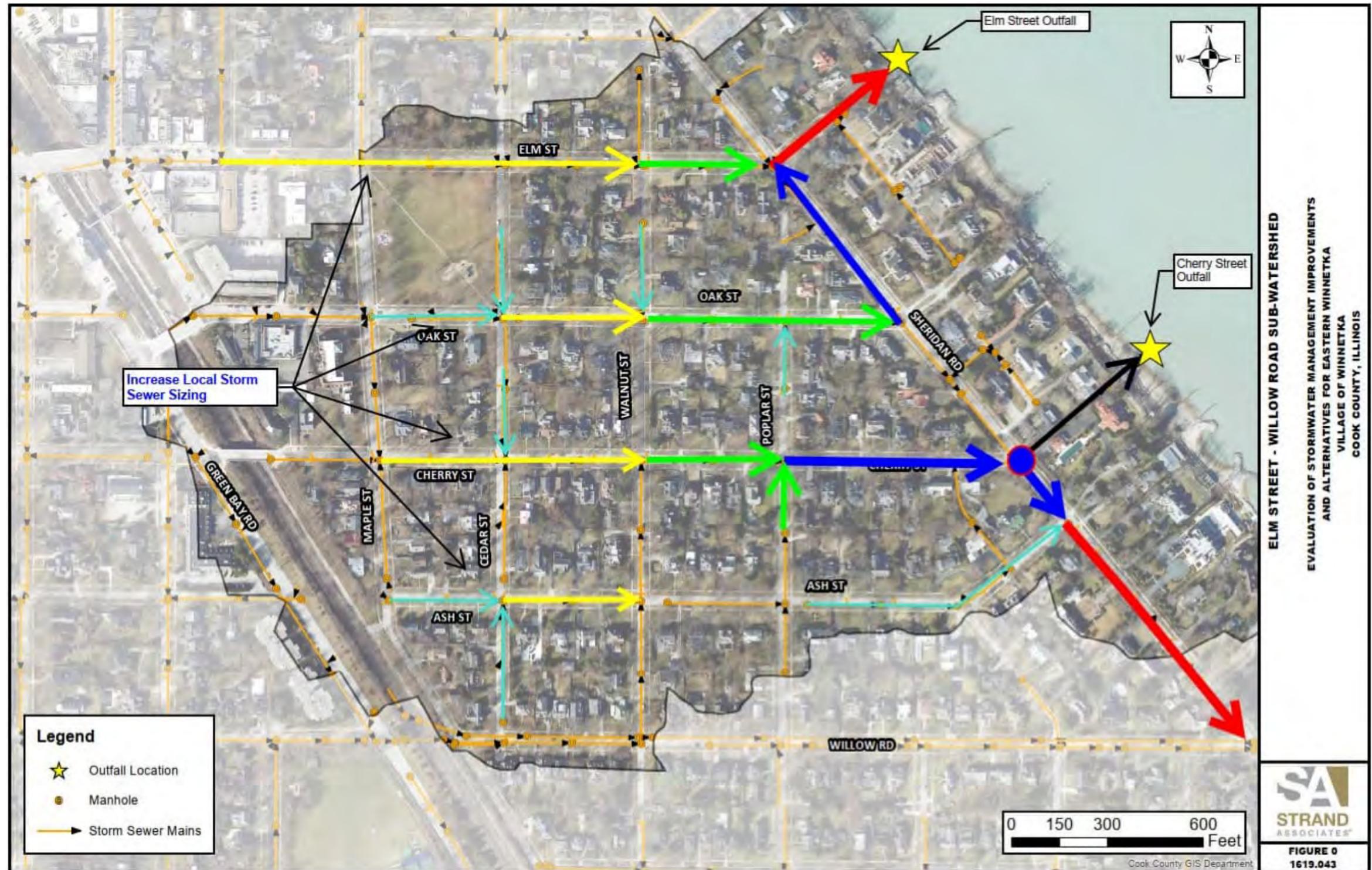
Elm Street-Willow Road Area – North Sheridan



Elm Street-Willow Road Area – Local Storm Sewer Improvements



Elm Street-Willow Road Area – Local Storm Sewer Improvements

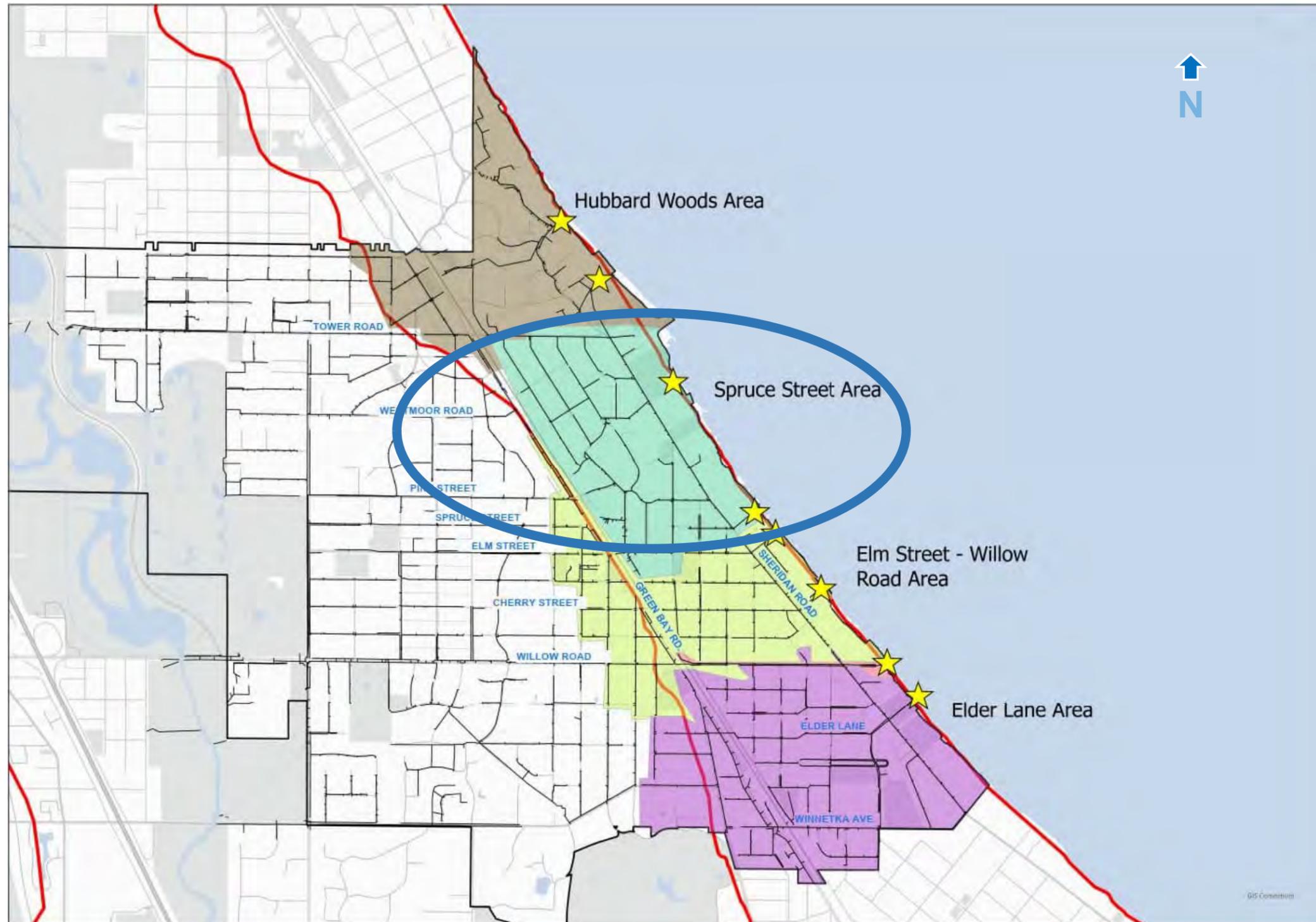


Elm-Willow Sub-Watershed Stormwater Management Plan 2026 EOPC

Eastern Winnetka Stormwater Management Program Component Projects	2/10/26 Vision EOPC
Elm-Willow Sub-Watershed	
South Sheridan Storm Sewer	\$ 1,664,921
Cherry and Ash Storm Sewers	\$ 5,574,252
Subtotal - South Sheridan, Cherry, Ash System	\$ 7,239,172
North Sheridan Storm Sewer	\$ 1,298,656
Elm and Oak Storm Sewers	\$ 4,584,355
Subtotal - North Sheridan, Elm, Oak System	\$ 5,883,012
30% Contingency	\$ 3,936,655
Total - Elm Street-Willow Road Area	\$ 17,058,839



Eastern Winnetka Stormwater Management Program



Spruce Street Sub-Area Flooding

Existing Conditions
100-Year Storm



SPRUCE STREET EXISTING CONDITIONS
FLOOD EXTENTS 100-YEAR, 1-HOUR STORM
EVALUATION OF STORMWATER MANAGEMENT IMPROVEMENTS
AND ALTERNATIVES FOR EASTERN WINNETKA
VILLAGE OF WINNETKA
COOK COUNTY, ILLINOIS

SA
STRAND
ASSOCIATES[®]

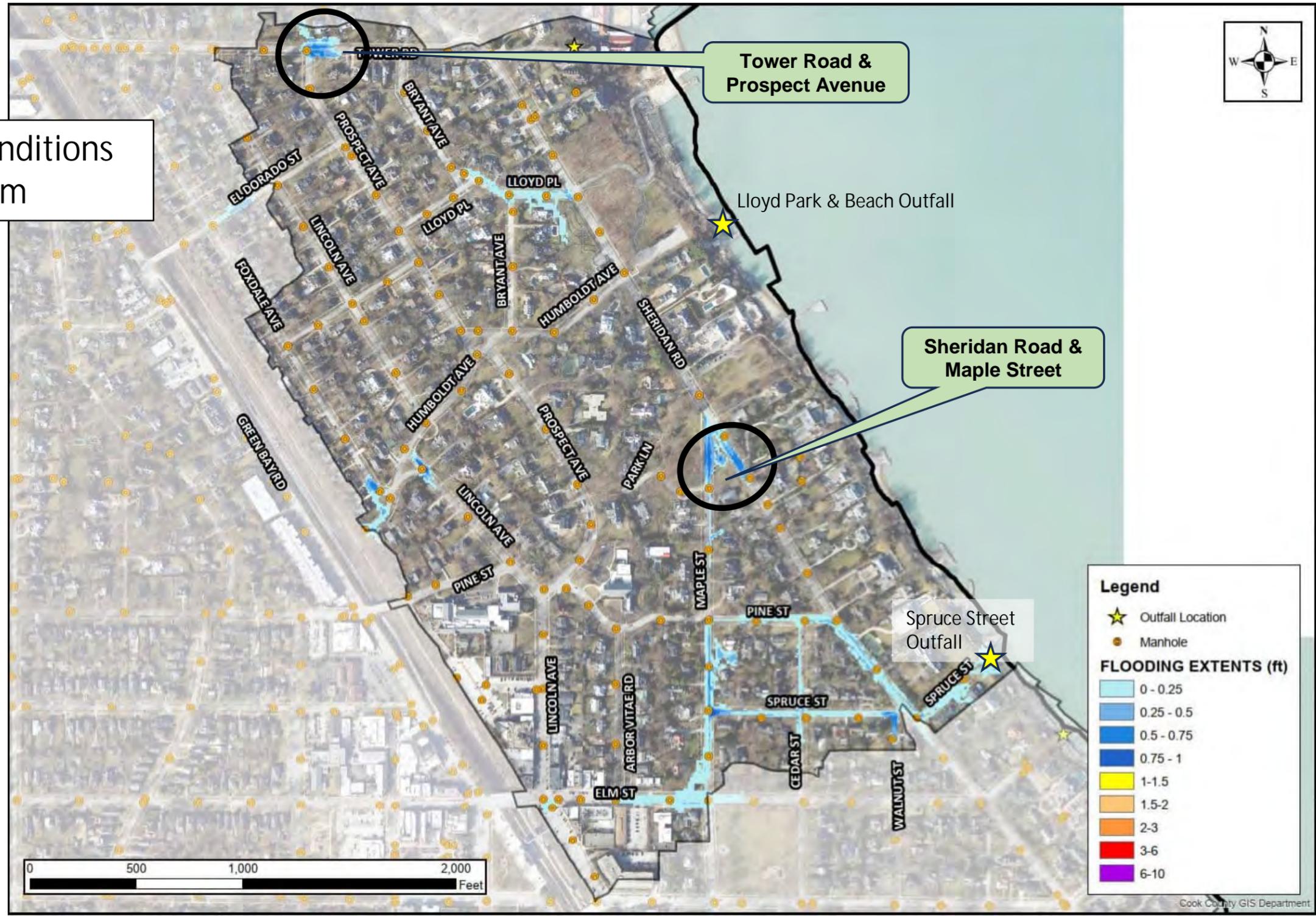
FIGURE 18
1619.043



Cook County GIS Department

Spruce Street Sub-Area Flooding

Existing Conditions
2-Year Storm



SPRUCE STREET EXISTING CONDITIONS
FLOOD EXTENTS 2-YEAR, 1-HOUR STORM
EVALUATION OF STORMWATER MANAGEMENT IMPROVEMENTS
AND ALTERNATIVES FOR EASTERN WINNETKA
VILLAGE OF WINNETKA
COOK COUNTY, ILLINOIS

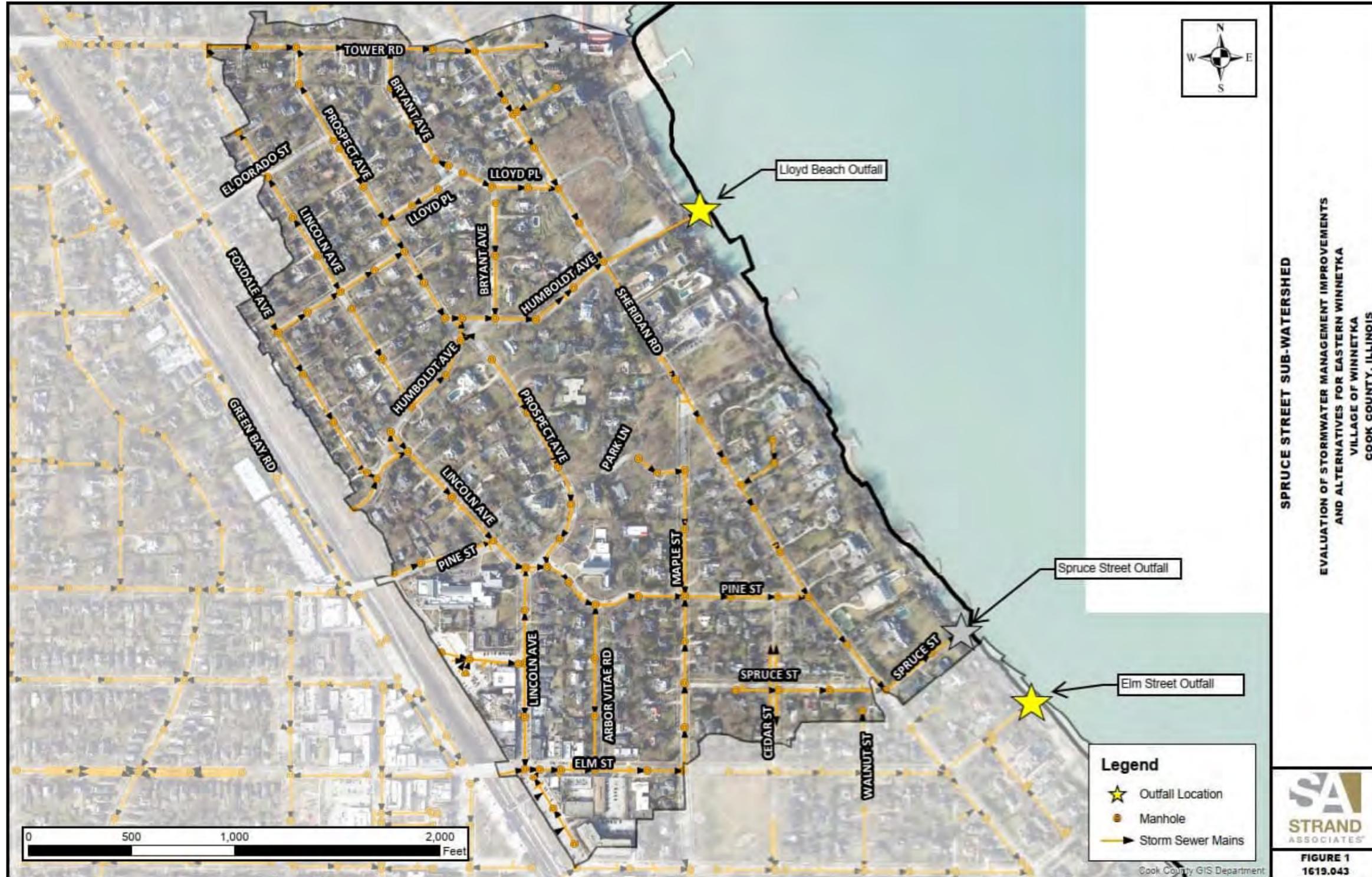
SA
STRAND
ASSOCIATES

FIGURE 13
1619.043

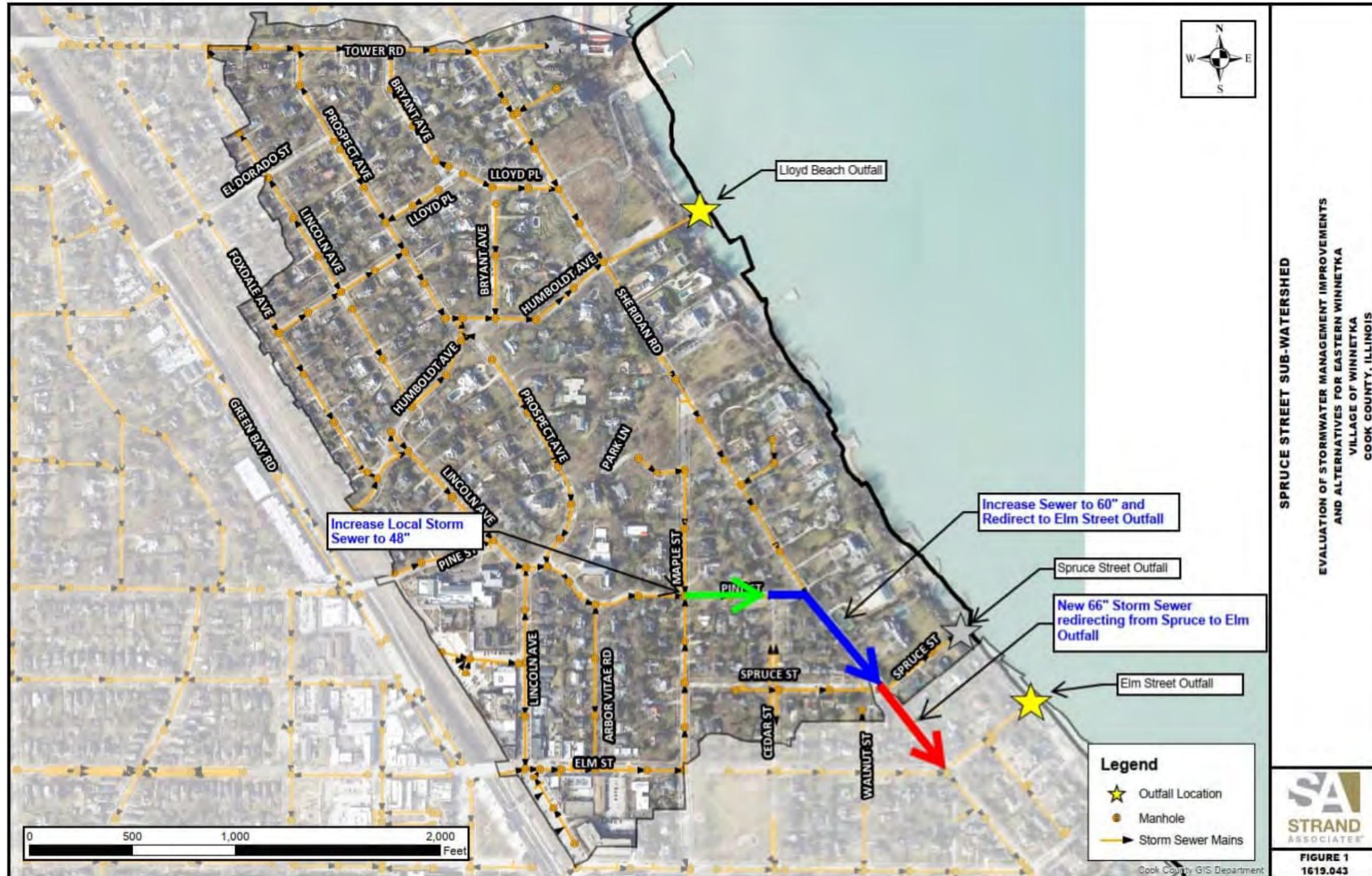


Cook County GIS Department

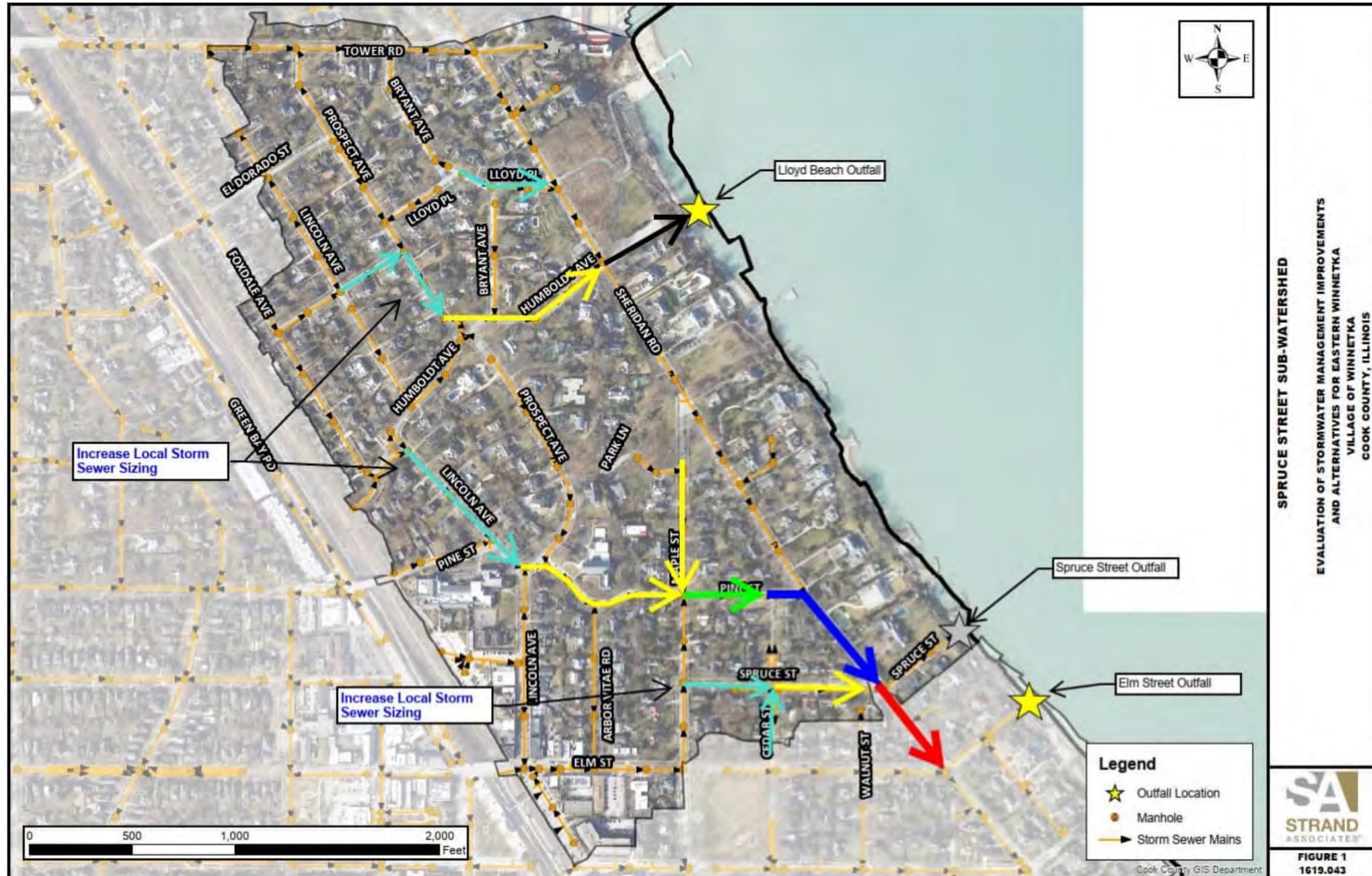
Spruce Street Area – Stormwater Conveyance Plan



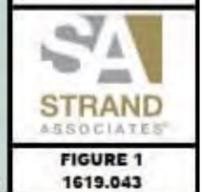
Spruce Street Area – Stormwater Conveyance Plan



Spruce Street Area – Stormwater Conveyance Plan

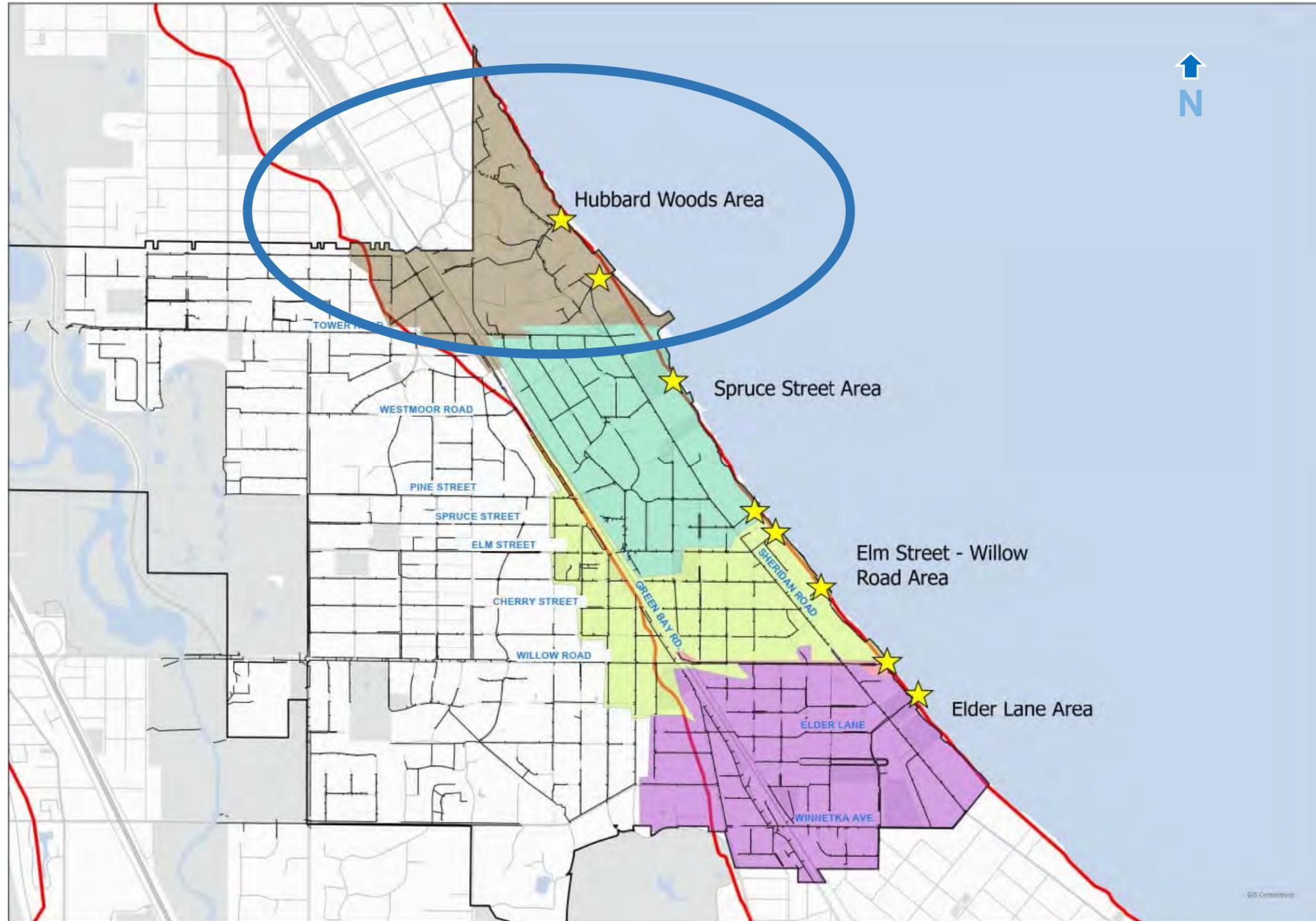


SPRUCE STREET SUB-WATERSHED
 EVALUATION OF STORMWATER MANAGEMENT IMPROVEMENTS
 AND ALTERNATIVES FOR EASTERN WINNETKA
 VILLAGE OF WINNETKA
 COOK COUNTY, ILLINOIS

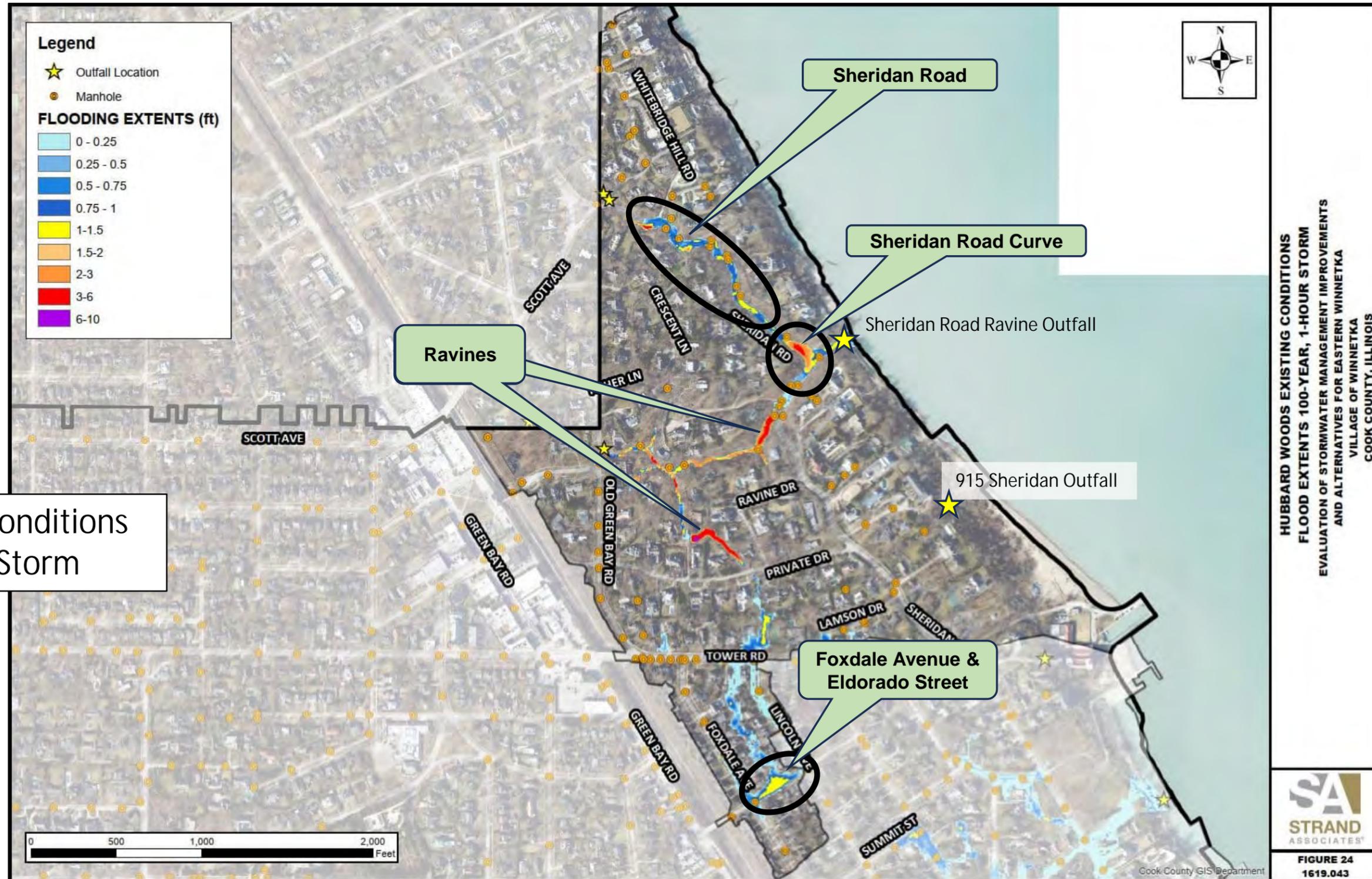


Cook County GIS Department

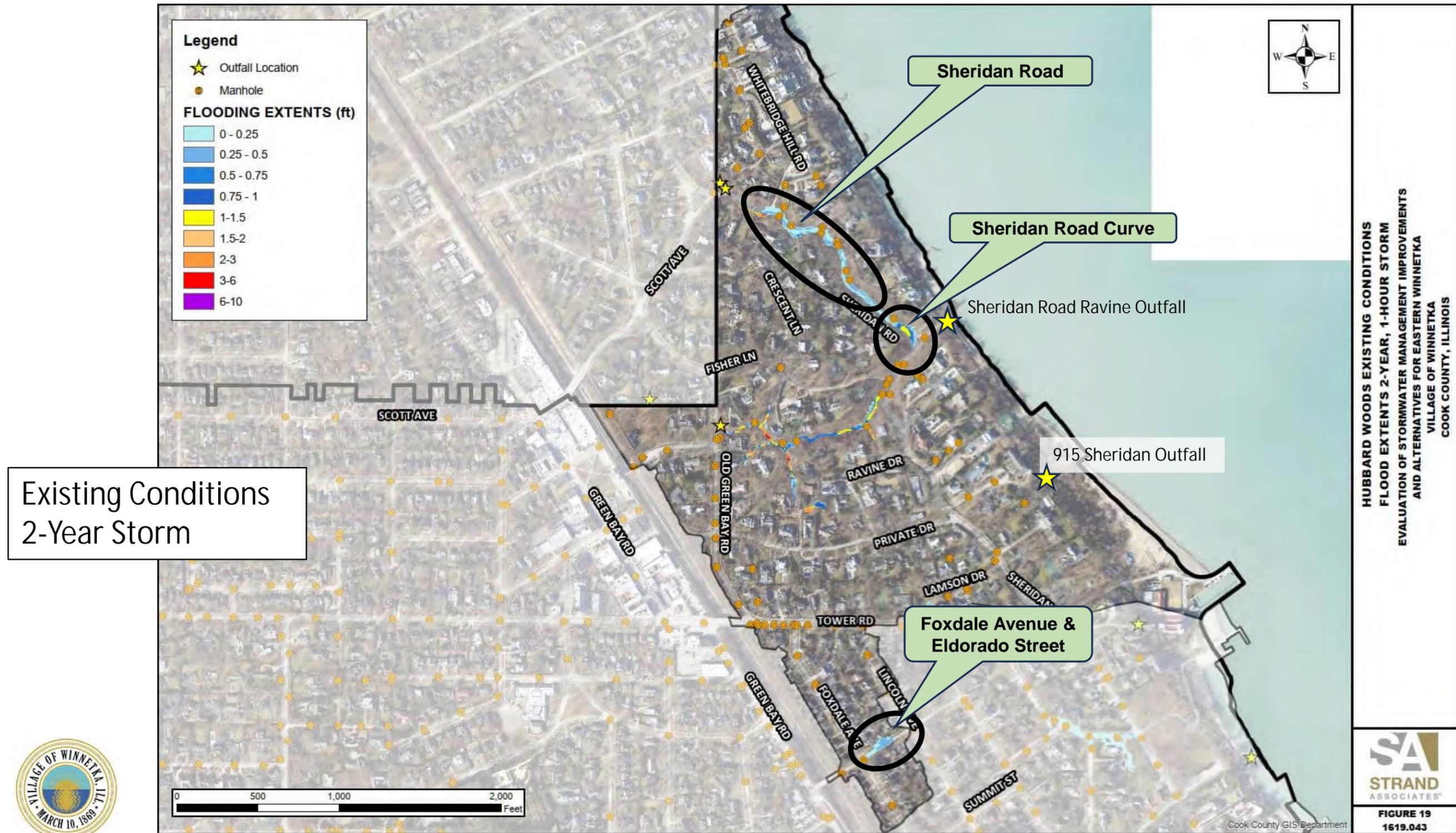
Eastern Winnetka Stormwater Management Program



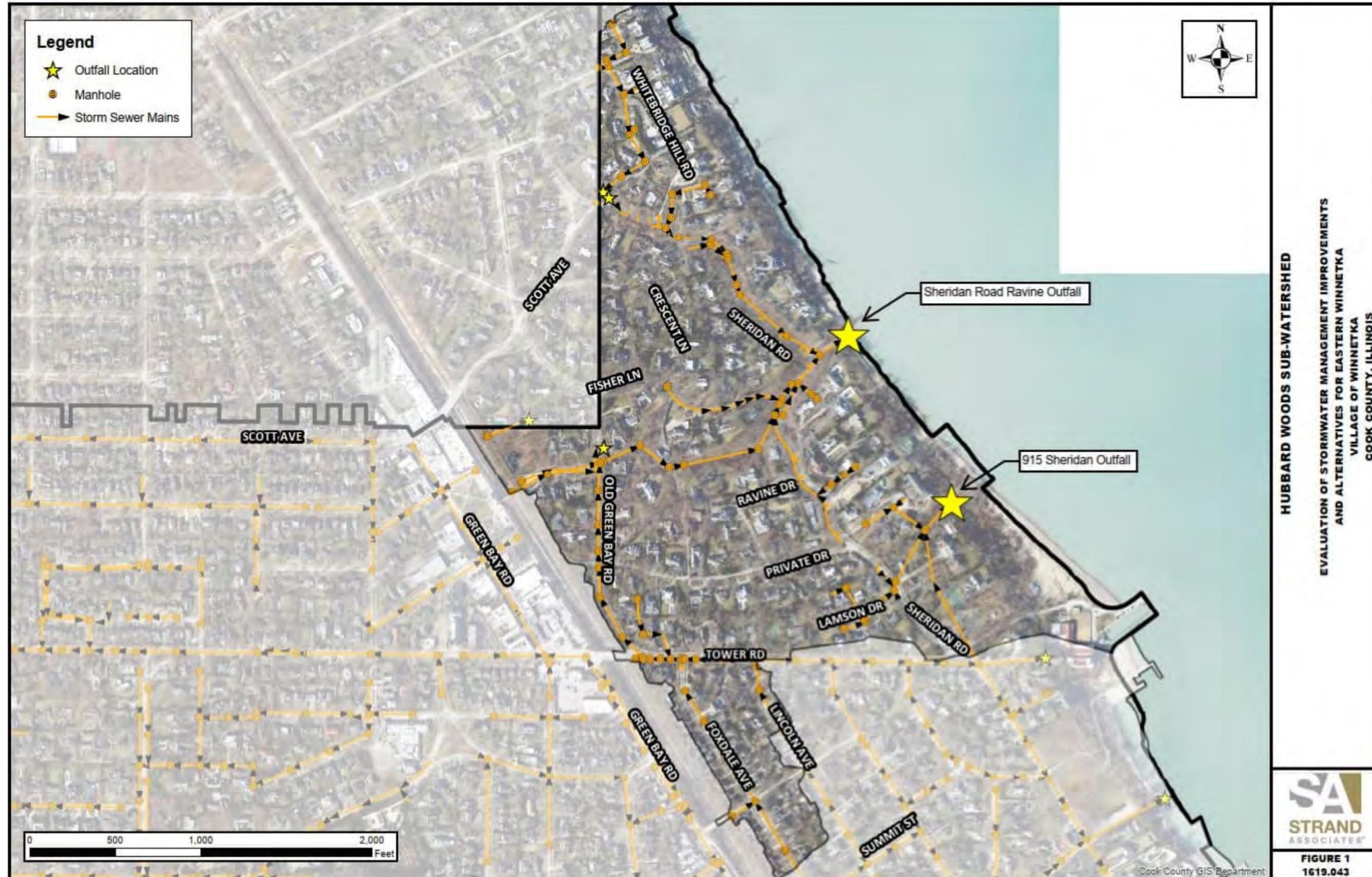
Hubbard Woods Sub-Area Flooding



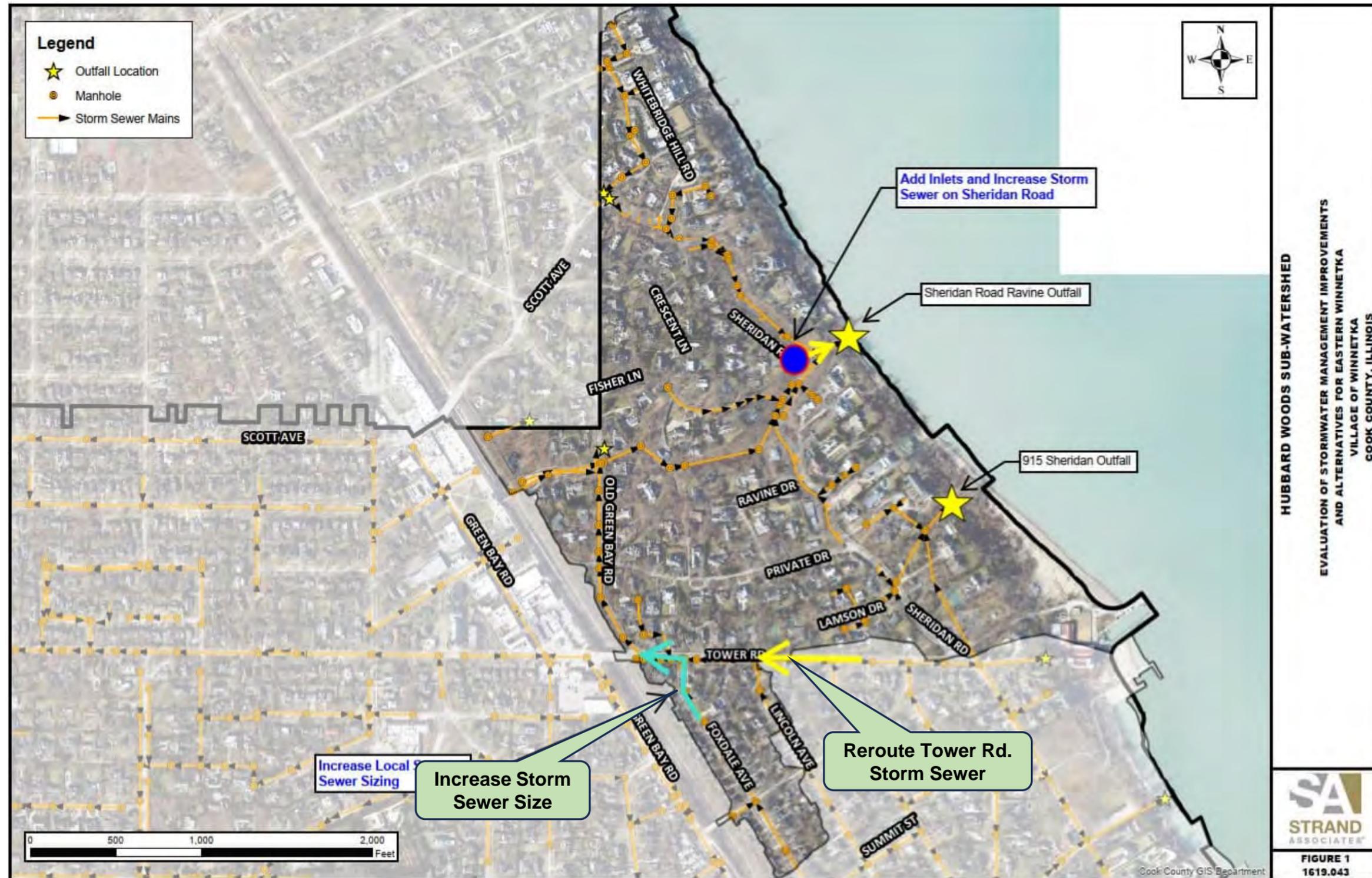
Hubbard Woods Sub-Area Flooding



Hubbard Woods Area – Stormwater Conveyance Plan



Hubbard Woods Area – Stormwater Conveyance Plan



Spruce and Hubbard Woods Areas Stormwater Management Plans 2026 EOPC

Eastern Winnetka Stormwater Management Program Component Projects	2/10/26 Vision EOPC
Spruce Sub-Watershed	\$ 5,410,760
Hubbard Woods Sub-Watershed	\$ 937,357
	30% Contingency \$ 1,904,435
Total - Spruce and Hubbard Woods Areas	\$ 8,252,551



Eastern Winnetka Overall Stormwater Management Plan 2026 EOPC

Eastern Winnetka Stormwater Management Program Component Projects	2/10/26 Vision EOPC
Elder Lane Area	\$ 43,482,406
Elm Street-Willow Road Area	\$ 13,122,184
Spruce Street Area	\$ 5,410,760
Hubbard Woods Area	\$ 937,357
Subtotal All Projects	\$ 62,952,706
30% Contingency	\$ 18,885,812
Total Eastern Winnetka Stormwater Management Program	\$ 81,838,518



Comparison W&SW Winnetka to Eastern Winnetka Stormwater Program

The Scale of Infrastructure

- Less Stakeholder Involvement under the Eastern Stormwater Plan
 - Only NTHSD compared to five primary stakeholders in the W&SW watershed
- Quantity of Large Diameter Storm Sewer
 - Eastern Stormwater Plan - 48" and larger is 62% of the W&SW Stormwater Plan
 - Eastern Stormwater Plan - 66" and larger is 34% of the W&SW Stormwater Plan
 - Eastern Stormwater Plan – Box Storm Sewer is 9% of the W&SW Stormwater Plan
- Due to the significantly smaller scale of infrastructure proposed for Eastern Winnetka the impact to the local neighborhoods is also anticipated to be much less.



Comparison W&SW Winnetka to Eastern Winnetka Stormwater Program

The Cost of Infrastructure

- Quantity of all Storm Sewer under the Eastern Winnetka Stormwater Program is 170% of the W&SW Stormwater Program
- Review of Village utility mapping seems to indicate more potential conflicts with existing water and sanitary sewers
 - Eastern Stormwater Plan – water main replacement is 189% more than W&SW Stormwater Plan
 - Eastern Stormwater Plan – sanitary sewer replacement is 308% more than W&SW Stormwater Plan
 - Eastern Stormwater Plan – trench backfill is 212% more than W&SW Stormwater Plan





PROJECT STATUS & NEXT STEPS

22

- Strand Associates engaged in April 2024 to lead Eastern Winnetka study. Conceptual plan completed and shared with key stakeholders
- Near-term focus remains on Western/Southwestern projects
- Next phase requires design, permitting, and bidding contract with public engagement





NEXT STEPS OVERVIEW

- Shift focus to implementation following acceptance of Eastern Stormwater Study
- Formalize property agreements
- Initiate final design and refine cost estimates
- Maintain focus on completing western stormwater improvements





PROPERTY AGREEMENTS & DESIGN PLANNING

24

- Preferred underground storage location: New Trier High School eastern campus
- Continue collaborative discussions with New Trier High School
- Develop formal agreement (IGA or MOU) defining responsibilities
- Target completion of agreement in FY2026





DESIGN, PERMITTING & PUBLIC ENGAGEMENT

25

- Issue RFP for detailed design after west side completion
- Prioritize construction sequencing by flood-risk reduction and funding
- Secure permits (IDOT, MWRD, USACE, IDNR, IEPA)
- Defer public engagement until design phase, include in future RFP scope



QUESTIONS REGARDING EASTERN WINNETKA STORMWATER PROGRAM?

