



2022 CAPITAL IMPROVEMENT PLAN (CIP)

PRESENTATION SUMMARY

- Network Size and Condition
 - Pavement
 - Underground Utilities
- Proposed 2022 Projects
- History of Project Development Timeline
- Project Selection Process
- Proposed 2023 Utility Replacement and Street Reconstruction Projects

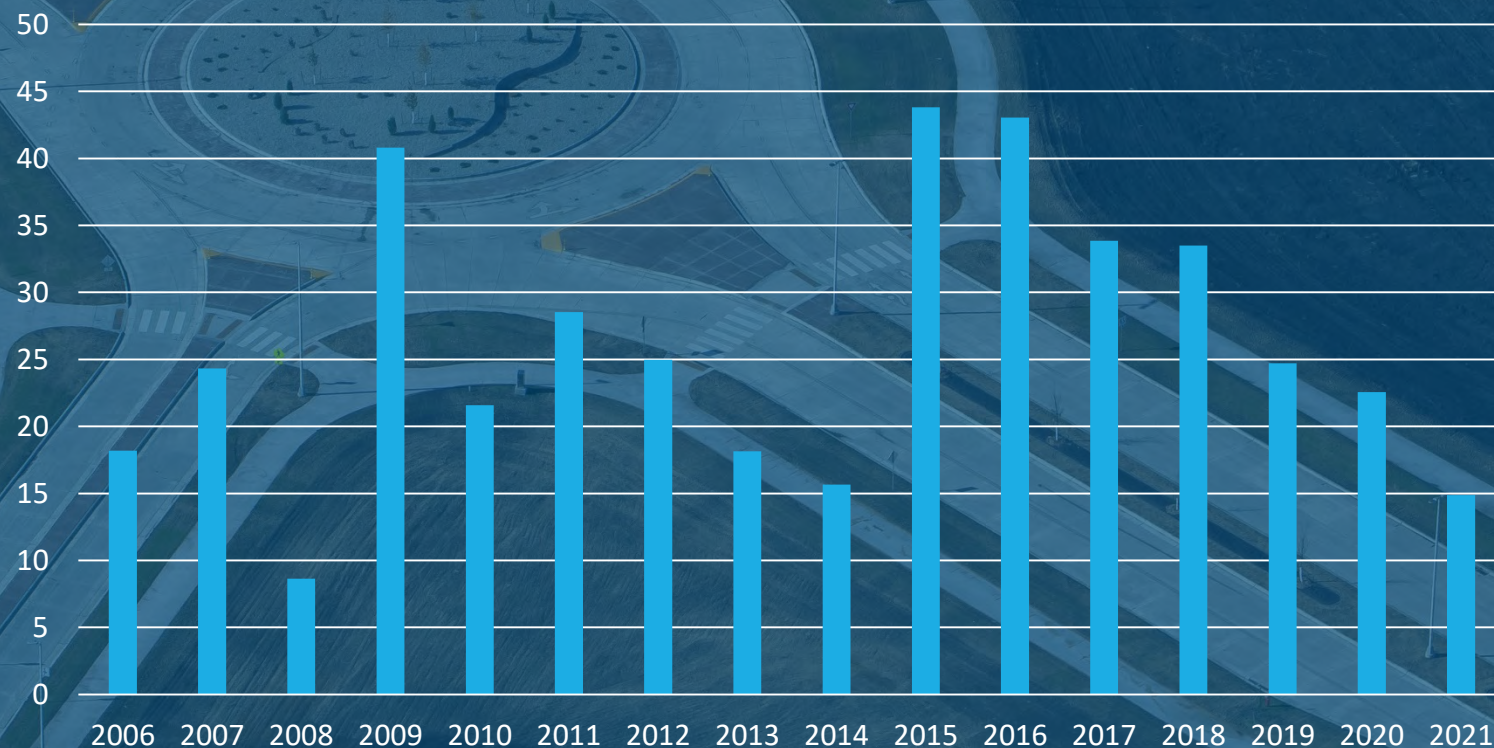


OUR PAVEMENT NETWORK - SIZE

Over 1,400 lane miles of pavement

- Like driving on I-94 across North Dakota 4 times
- From 2006 to 2021, increase of 399 lane miles (+39.4%)
- 55% Asphalt and 45% Concrete

Number of Lane Miles Installed by Year



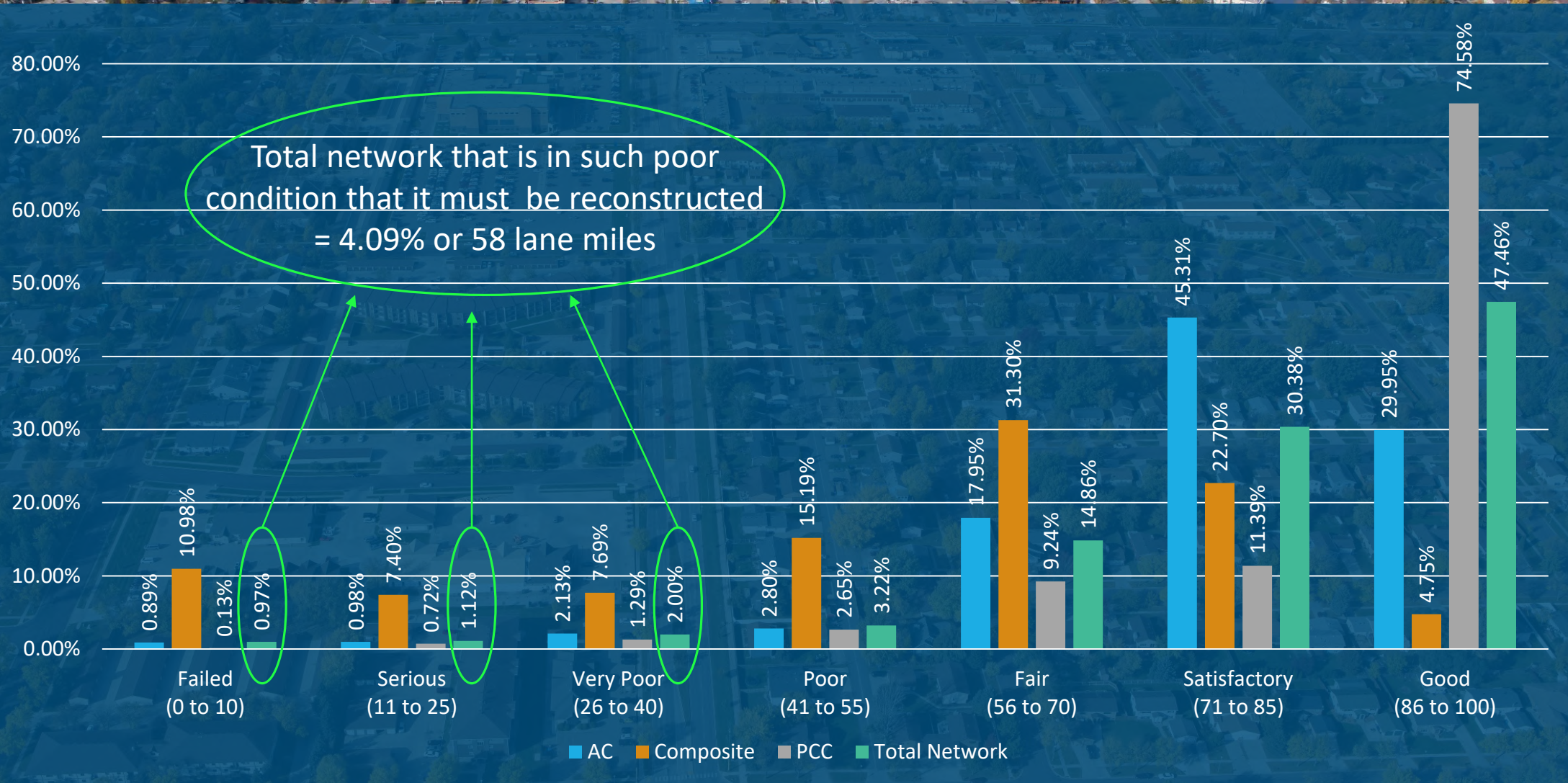
OUR PAVEMENT NETWORK - CONDITION

Pavement Condition Score

	2020					2021				
Surface Type	Total Network	Arterial	Collector	Local	Alley	Total Network	Arterial	Collector	Local	Alley
All Streets	82.48	88.81	81.68	79.88	60.35	81.12	87.91	80.93	78.15	57.78
Asphalt	78.77	73.14	76.58	81.12	46.02	77.50	70.83	76.01	79.94	41.24
Composite	57.04	64.08	35.52	55.26	26.79	54.23	63.03	31.80	51.23	22.61
Concrete	90.04	93.58	92.37	79.13	87.94	88.42	92.68	91.43	75.41	88.95

- These are estimated PCI scores from our pavement management software (ICON 7)
- Pavement condition survey was performed in 2021 and results will be available soon

OUR PAVEMENT NETWORK – CONDITION DISTRIBUTION

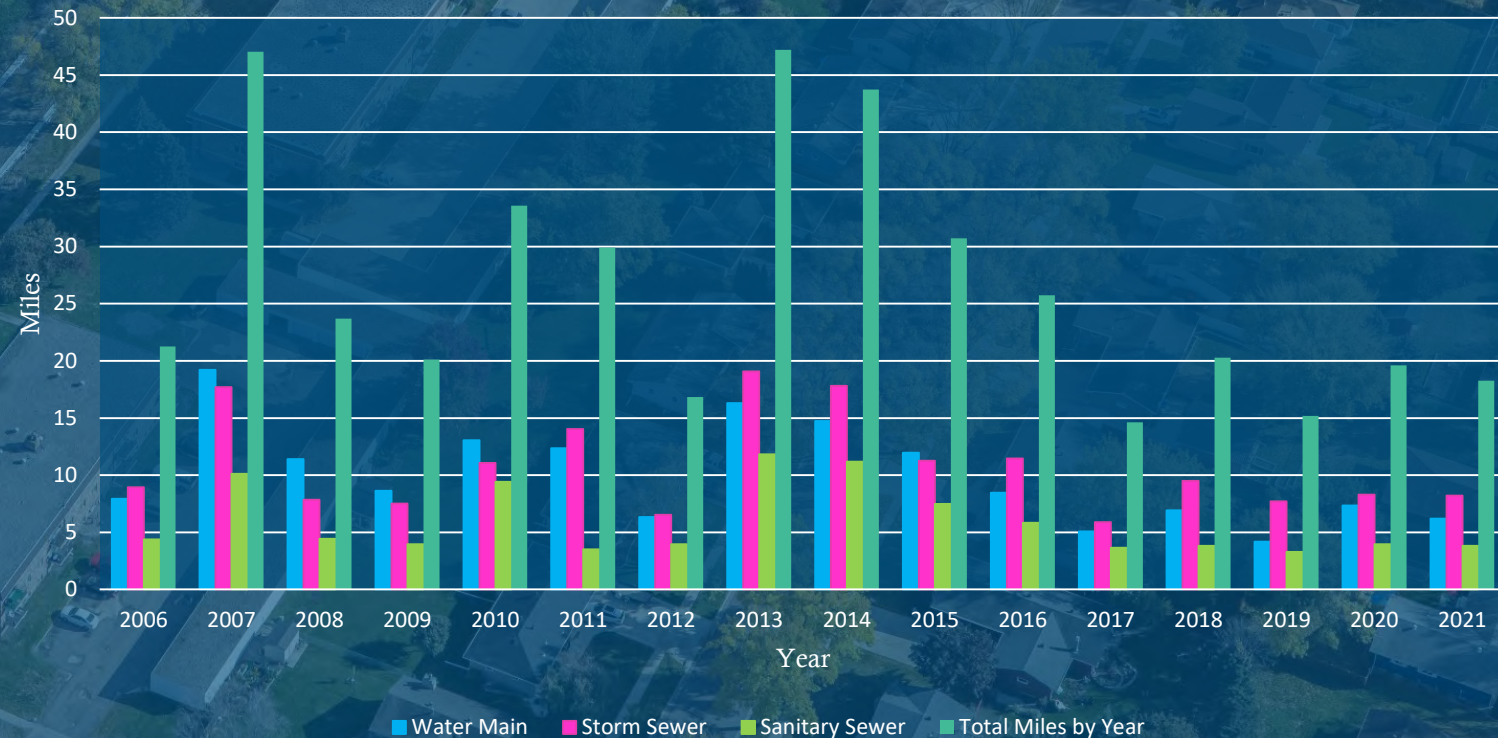


OUR UNDERGROUND UTILITY NETWORK - SIZE

Nearly 1,500 Miles of Utility Mains

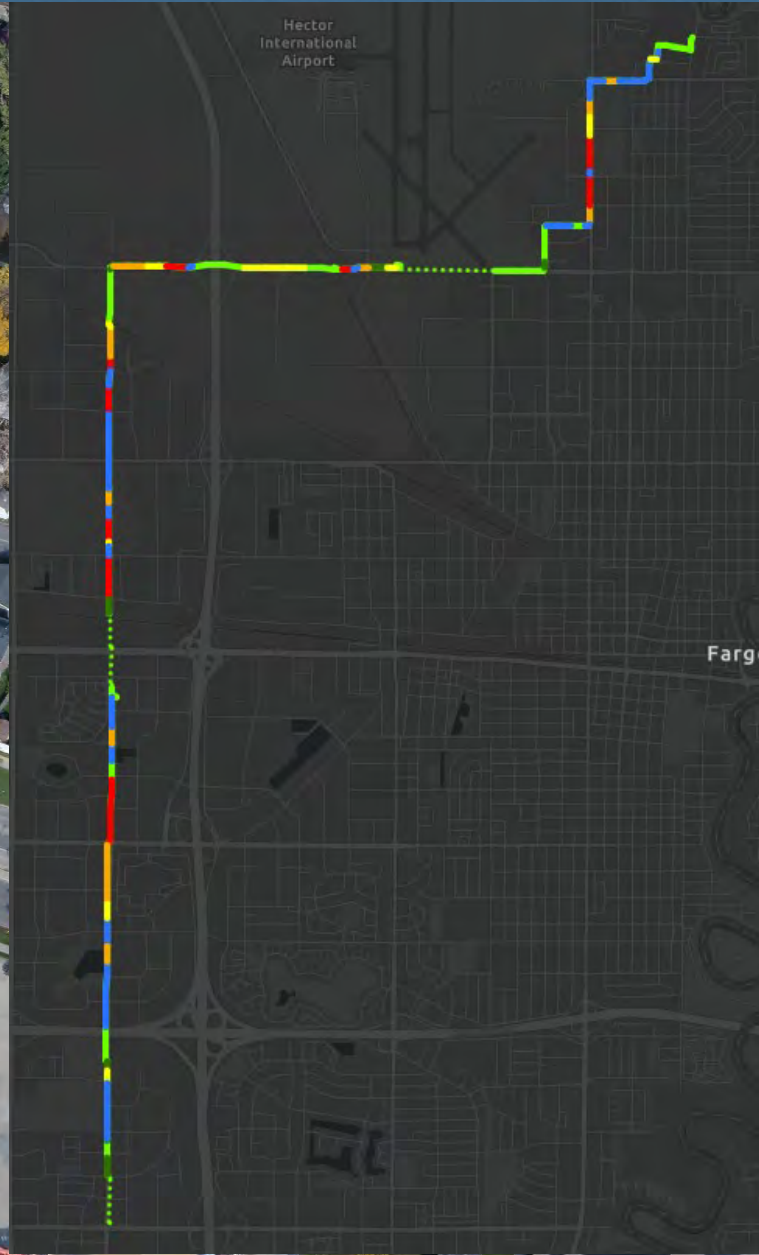
- From 2006 to 2021, increase of 427 miles (+41.6%)
- Storm = 514 miles, Sanitary = 459 miles, Water = 523 miles

Number of Miles Installed by Year



OUR UNDERGROUND UTILITY NETWORK - CONDITION

Since 2016, approximately \$700,000 in emergency repairs on the WSI



LIGHT GREEN HAS NOT BEEN TELEVIEWED
DARK GREEN IS EXCELLENT PIPE
BLUE IS GOOD PIPE
YELLOW IS FAIR PIPE
ORANGE IS POOR PIPE
RED IS IMMEDIATE ATTENTION

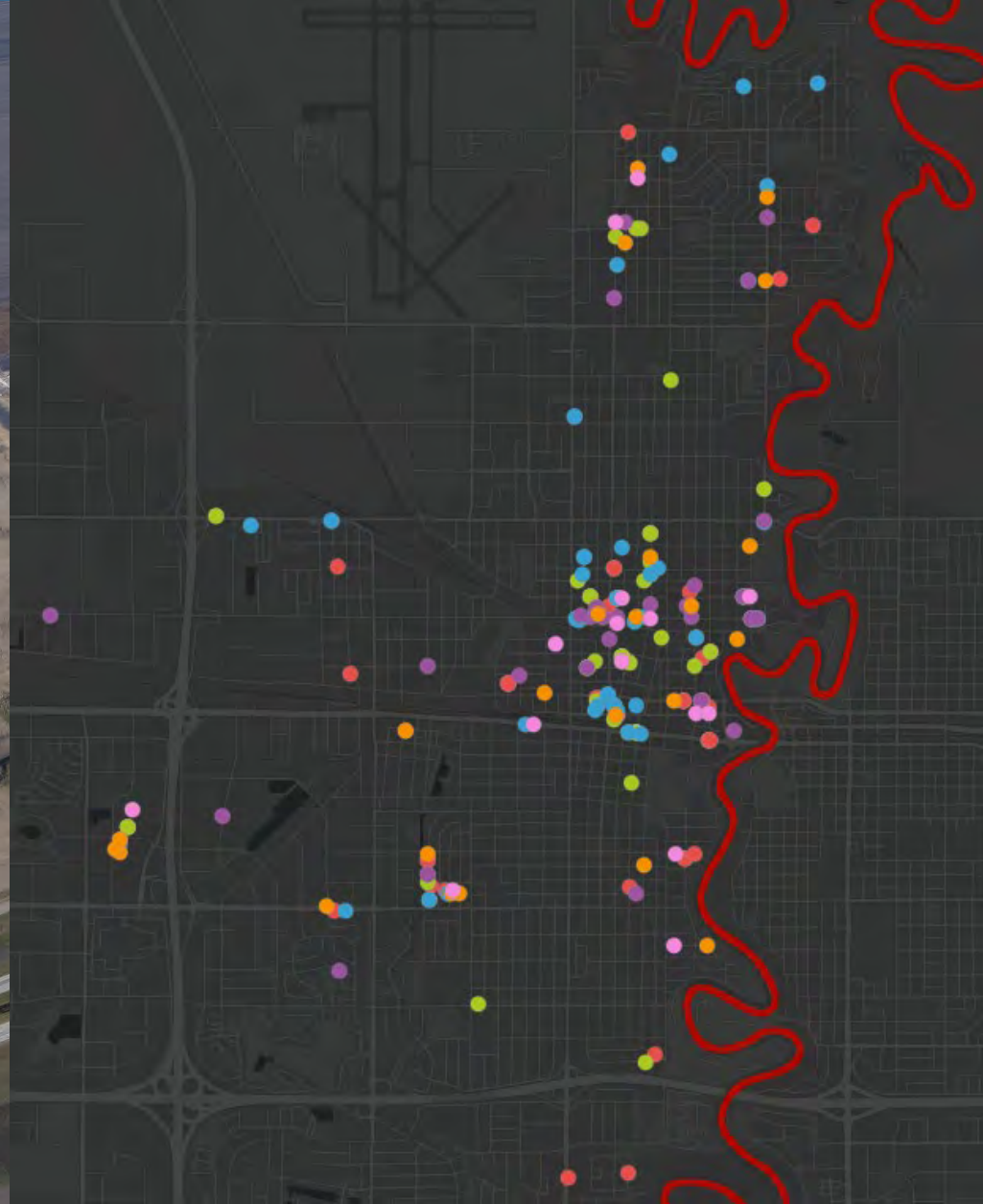
OUR UNDERGROUND UTILITY NETWORK - CONDITION

Total Labor Cost \$314,162.97

Total Material Cost \$170,325.81

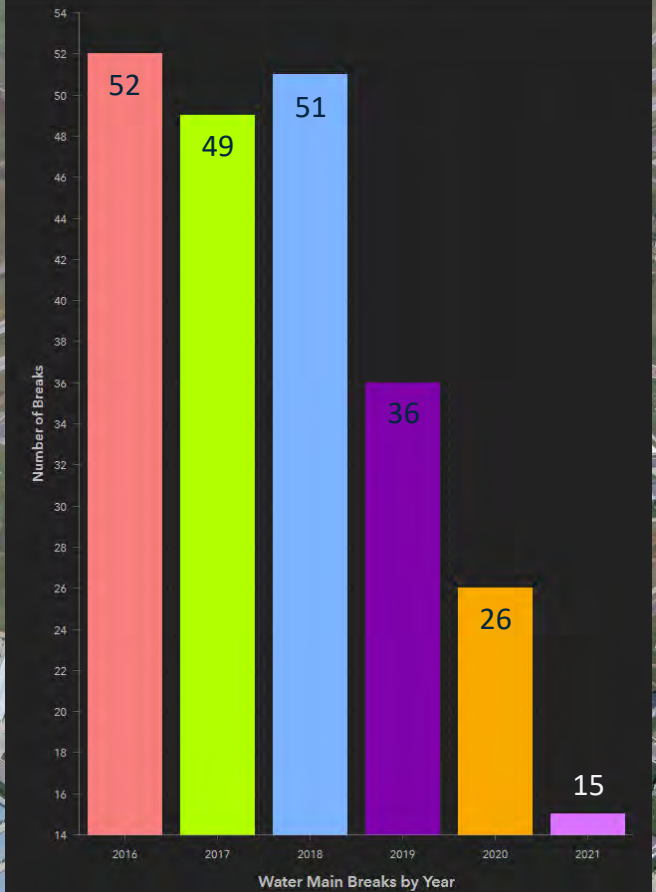
Total Equipment Cost \$510,844.68

Total ELM Cost \$995,333.26



229 Total Water Main Breaks

Since 2016



CIP HISTORY AND 2022 PROPOSED

Project	2017 CIP	2018 CIP	2019 CIP	2020 CIP	2021 CIP	2022 CIP
Federal Aid (New and Recon)	\$ 22,979,073	\$ 16,787,775	\$ 38,344,250	\$ 14,285,175	\$ 31,610,489	\$ 15,895,701
*Utility Repl. and Street Recon.	\$ 17,418,455	\$ 21,202,229	\$ 0	\$ 11,621,321	\$9,430,295	\$6,748,073
Flood Control	\$ 6,059,197	\$ 17,505,556	\$ 4,749,462	\$ 15,741,796	\$25,507,475	\$21,022,200
*Pavement Preservation	\$ 7,602,834	\$ 5,456,221	\$ 8,881,989	\$ 3,515,718	\$6,884,738	\$12,392,100
*Storm Sewer Utility	\$ 687,129	\$ 3,873,619	\$ 1,491,795	\$ 2,039,796	\$1,448,413	\$1,436,357
*Traffic and Streetlight	\$ 2,732,037	\$ 3,709,651	\$ 2,444,055	\$ 2,077,559	\$3,449,058	\$3,370,500
New Development	\$ 30,713,306	\$ 21,942,778	\$ 11,708,770	\$ 30,612,297	\$34,927,838	\$27,605,721
Alley Paving	\$ 1,149,076	\$ 76,440	\$ 0	\$ 601,824	\$427,334	\$126,000
*Sidewalk	\$ 359,128	\$ 1,266,990	\$ 828,749	\$ 298,797	\$841,940	\$1,426,320
*Miscellaneous	\$ 233,116	\$ 142,685	\$ 1,018,101	\$ 60,000	\$679,800	\$501,000
Total CIP	\$ 89,933,349	\$ 91,963,943	\$ 70,067,678	\$ 80,854,283	\$115,207,380	\$90,523,973
Locally Funded and Programmed (noted with an asterisk (*) above)	\$ 29,032,699	\$ 35,651,394	\$ 14,664,689	\$ 19,613,191	\$22,734,244	\$ 25,874,351

"50/50" Policy

"70/30" Policy
No Utility Repl. and
Street Recon Projects

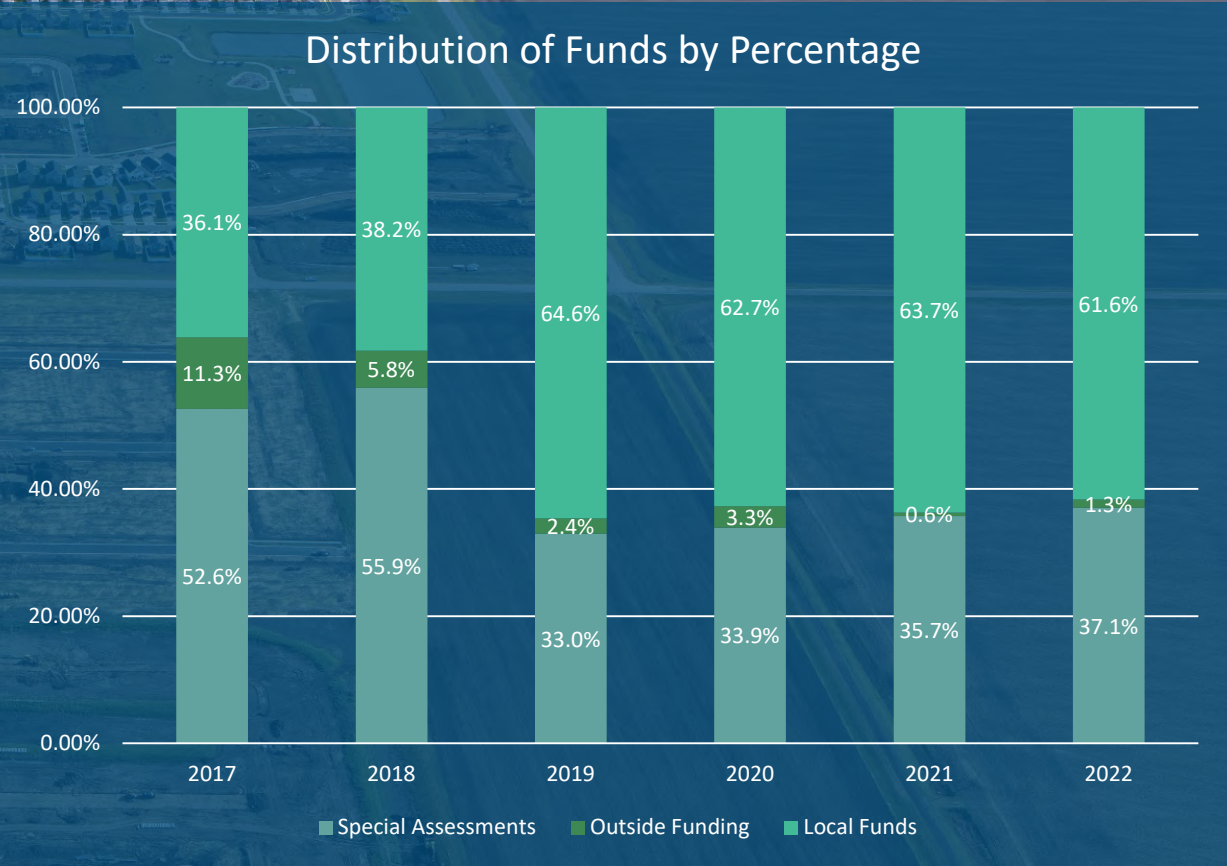
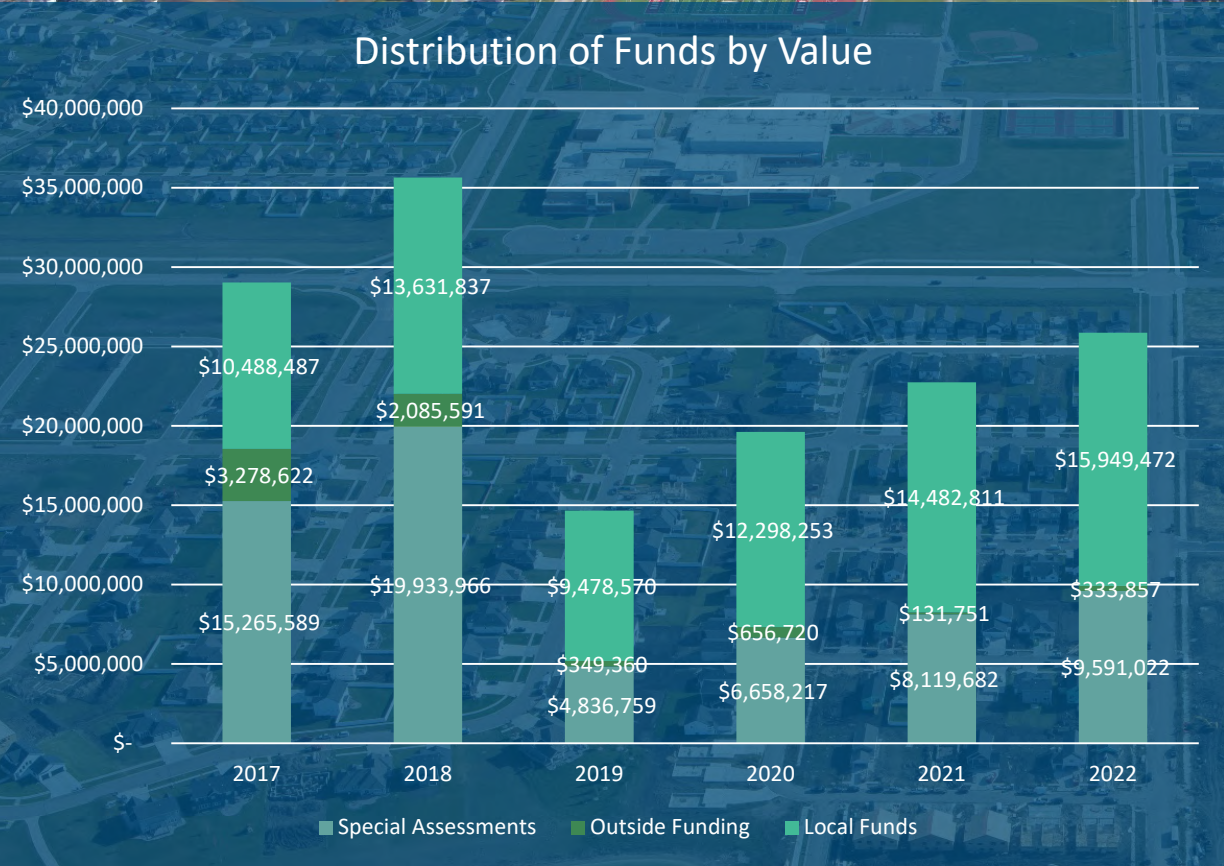
"80/20" Policy
Reduced due
to Covid-19

"80/20" Policy
\$2.5 Million
In Prairie Dog

"80/20" Policy
No Prairie Dog

LOCALLY FUNDED AND PROGRAMMED – FUNDING SUMMARY

Project	2017 CIP	2018 CIP	2019 CIP	2020 CIP	2021 CIP	2022 CIP
Locally Funded and Programmed (noted with an asterisk (*) above)	\$ 29,032,699	\$ 35,651,394	\$ 14,664,689	\$ 19,613,191	\$22,734,244	\$ 25,874,351



FEDERAL AID PROJECTS

- These projects typically come out of the Long Range Transportation Plan
 - Metro COG plan: Metro Grow – 2045 Fargo-Moorhead Transportation Plan
- Plan Goals:



SAFETY SYSTEM & SECURITY

Provide a transportation system that is safer for all users and provides a secure system that is resilient to incidents.



TRAVEL EFFICIENCY & RELIABILITY

Improve regional mobility by promoting strategies that limit travel delays and provide more continuous vehicular flows on the NHS and arterial streets, emphasizing more efficient connections for longer-distance trips.



WALKING & BIKING

Implement projects that increase walking and biking as transportation, promote modal connections, and create enhanced walking and bicycling environments.



TRANSIT ACCESS

Support the existing MATBUS system by providing enhanced access via walking and bicycling connections, transit amenities, and complete streets in transit corridors.



MAINTAIN TRANSPORTATION INFRASTRUCTURE

Provide a financial plan that supports maintaining transportation infrastructure in a state of good repair.



ENVIRONMENTAL SUSTAINABILITY

Provide a transportation system that provides access equitably and limits impacts to the natural and built environment.



ECONOMIC DEVELOPMENT & TRANSPORTATION DECISIONS

Promote transportation projects that support regional economic goals, support freight movement, and promote projects that can be financially sustained for the long-term.



EMERGING TRANSPORTATION TRENDS

Incorporate transportation trends and new technologies in regional transportation plans.

FEDERAL AID FUNDING BUCKETS

- Urban Roads funds
 - All City arterials and collectors
- Urban Regional Highway funds
 - US 10 and 81
- Transportation Alternatives
 - Shared Use Paths and Safe Routes to School
- Transit
- Urban Grant Program funds
 - Specifically for downtowns
- Special Road Fund
 - Recreational, tourist, and historical areas
- Rail Safety funds
 - Improve railroad/street crossings
- Highway Safety Improvement Program
 - Correct existing safety hazard or eliminate a potential safety hazard
- Recreational Trails Program

FEDERAL AID PROJECTS




2022 Federal Aid Projects	Preliminary Estimated Total Costs
32 Ave S from 32 St S to 22 St S	\$ 15,895,701
Total Federal Aid Projects	\$ 15,895,701

FEDERAL AID PROJECTS

- **Requests to NDDOT made 5 years in advance of construction**
 - Currently our projects are programmed through 2025
 - 2021 Requests will be for 2026 Construction Season

Fiscal Year	Const. Year	Program	Location	Type of Work	Total Cost	Federal Share	State Share	Local Share
2022	2023	Urban Roads	52 Ave S (63 St S to Sheyenne)	Recon.	\$ 7,000,000	\$ 5,000,000	\$ -	\$ 2,000,000
2023	2023	Urban Grant Program	2 St N (City Hall)	Bridge	\$ 3,400,000	\$ 2,400,000	\$ -	\$ 1,000,000
2023	2024	Regional	Main Ave (25 St S to University)	Recon.	\$ 15,412,522	\$ 8,369,948	\$ 1,226,416	\$ 5,816,158
2024	2024	Urban Roads	32 Ave S (22 St S to University)	Recon.	\$ 9,600,000	\$ 7,680,000	\$ -	\$ 1,920,000

UTILITY REPL. AND STREET RECON. PROJECTS



2022 Utility Replacement and Street Reconstruction Projects	Preliminary Estimated Total Costs
7 Ave N from 2 St N to Elm St; Oak St from 8 Ave to BNSF RR	\$ 2,850,474
3 Ave N from 10 St N to 7 St N; 7 St N from 2 Ave N to 4 Ave N	\$ 2,158,617
21 St S from 13 Ave S to 9 Ave S	\$ 1,738,983
Total Utility Replacement and Street Reconstruction Projects	\$ 6,748,073

FLOOD PROTECTION PROJECTS

- These projects are:
 - Necessary for the proposed In-Town 100 year flood elevations with the Diversion in place (37 feet)
 - Constructed upon completion of necessary property and easement acquisitions
 - Paid by Flood Sales Tax

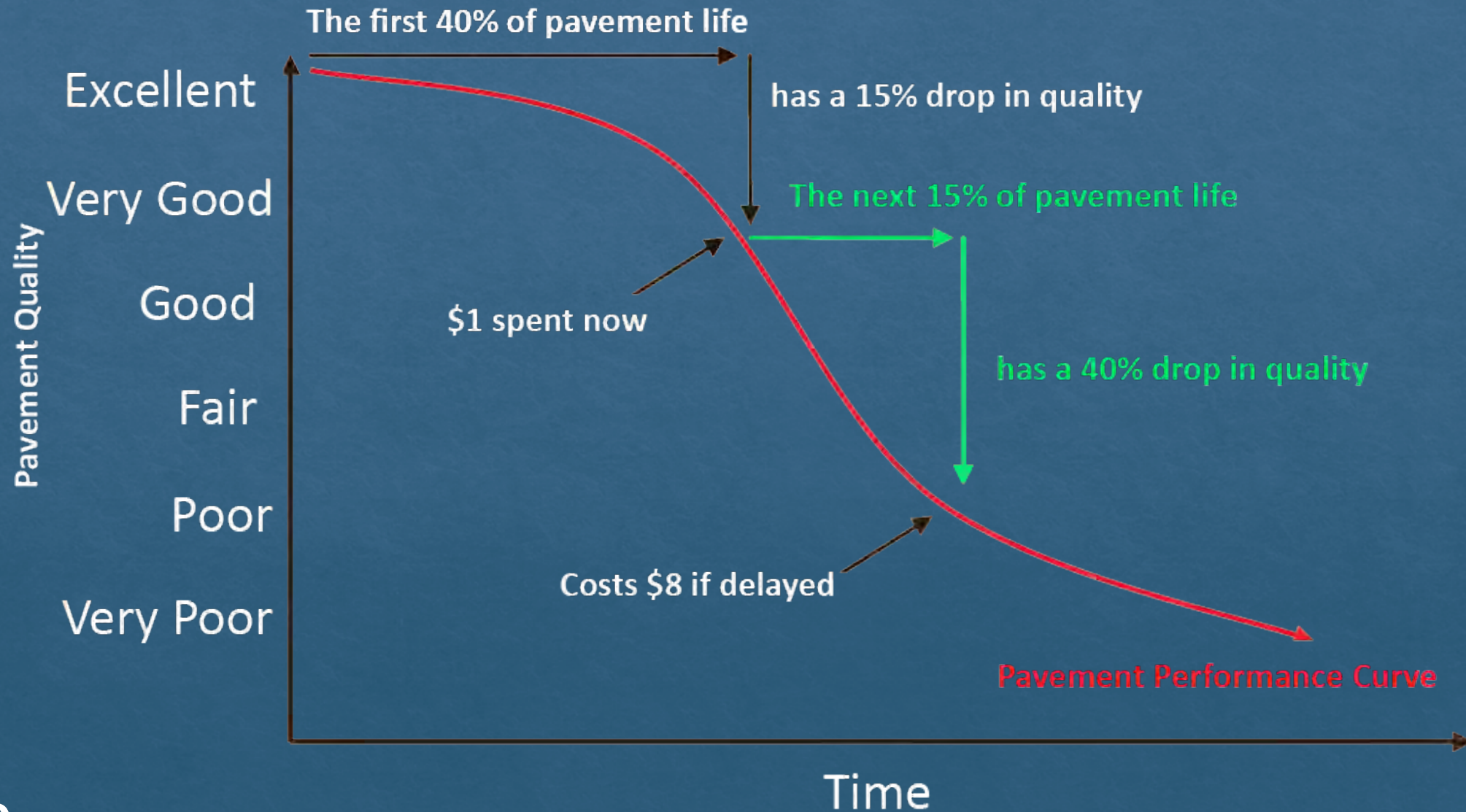
FLOOD PROTECTION PROJECTS

2022 Flood Control Projects	Preliminary Estimated Total Costs
Woodcrest	\$8,902,000
Demolition - Flood Buyouts (3 Homes)	\$223,200
Storm Lift Station #15	\$3,146,000
Storm Lift Station #55 & #56	\$7,035,000
South University Rip Rap	\$1,716,000
Total Flood Control Projects	\$21,022,200

PAVEMENT PRESERVATION PROJECTS

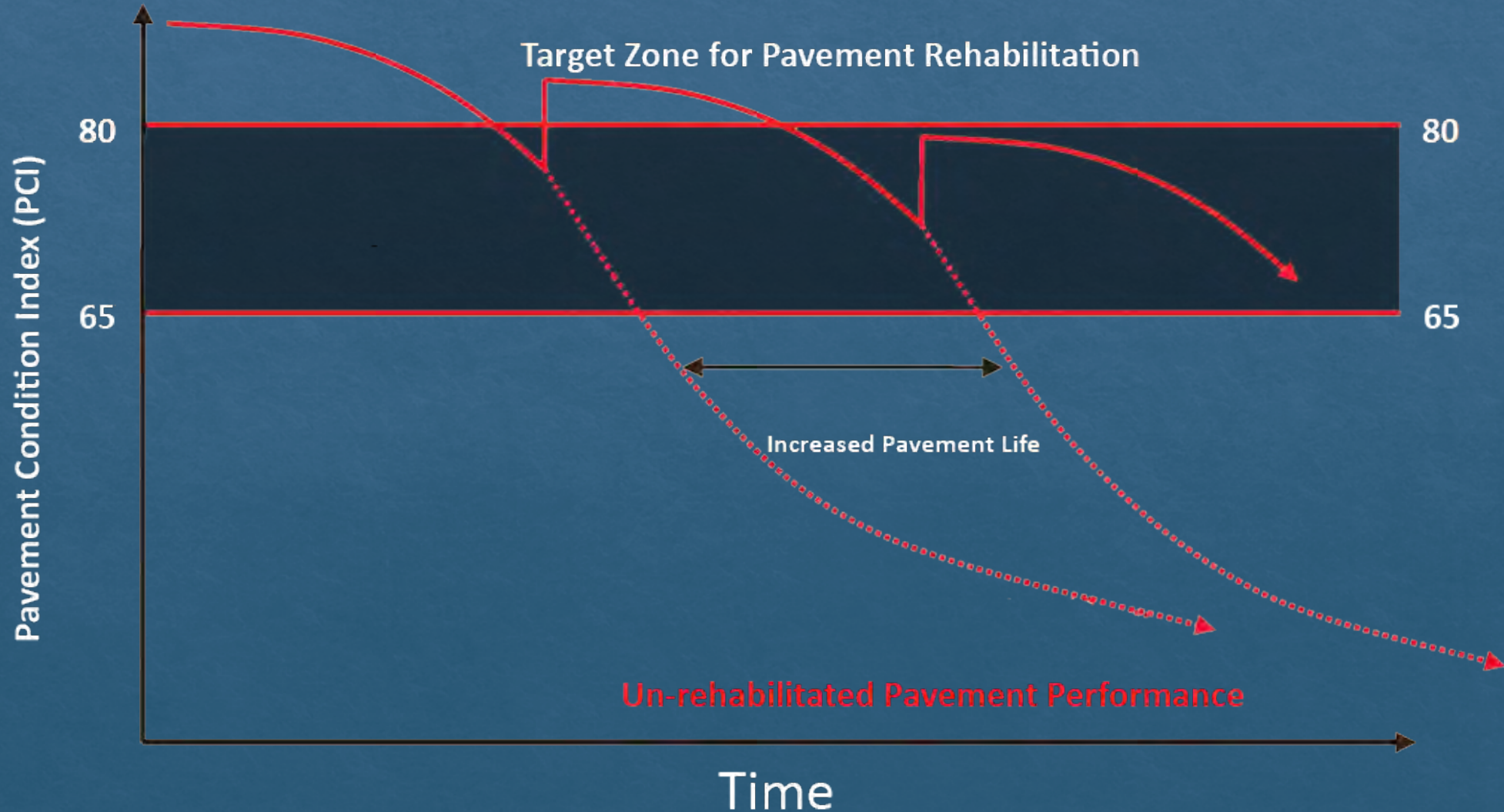
- Pavement preservation
 - Proactive approach implementing a series of low-cost, preventative maintenance treatments
 - Aimed at preserving the investment of our roadway network, extending the pavement life, and meeting our citizens' needs
- No pavement will last forever, but with timely applications of these projects we can extend the pavement life resulting in cost savings

WHY IS PAVEMENT PRESERVATION IMPORTANT?



WHY IS PAVEMENT PRESERVATION IMPORTANT?

- Pavement life can be extended through the application of timely rehabilitation activities



PAVEMENT PRESERVATION PROJECTS

2022 Pavement Preservation Projects	Preliminary Estimated Total Costs
Asphalt Crack Seal - Various Locations City Wide	\$107,100
Concrete Spot Repairs City Wide	\$630,000
Concrete Rehab - 13th Ave S from 28th St S to 38th St S	\$4,410,000
Seal Coat Projects	\$1,134,000
Street Reconstruction - 18th Ave S and 40th St S	\$1,701,000
Mill & Overlay	\$4,410,000
Total Pavement Preservation Projects	\$12,392,100

STORM SEWER UTILITY

- Citywide Storm Sewer System Televising
 - Performed by Public Works
 - Identifies areas in need of rehabilitation.
- Rehabilitation Projects
 - Outfall repairs
 - Minor drain repairs
 - Lift station rehabilitation & reconstruction
 - Storm sewer hydraulic modeling

STORM SEWER UTILITY PROJECTS

2022 Storm Sewer Utility Projects	Preliminary Estimated Total Costs
Drainage Repairs - 64th Ave S outfall	\$157,500
Drainage Repairs - Various	\$630,000
Storm Repairs/Rehab - Roers pond and Deer Creek	\$189,000
Storm Repairs/Rehab - Various	\$346,500
Fargo Project Pond	\$113,357
Total Storm Sewer Utility Projects	\$1,436,357

TRAFFIC AND STREET LIGHT PROJECTS

- Traffic signal projects are to keep the existing components running or to modify to operate differently
 - LED signal head need to be replaced every 10 years
 - New operations (flashing yellow left turn arrows) become available to improve traffic flow
- New traffic signals or crosswalk devices are installed occasionally throughout the City
- Railroad quiet zones

TRAFFIC AND STREET LIGHT PROJECTS

2022 Traffic and Streetlight Projects	Preliminary Estimated Total Costs
Street Light Rehab - Citywide	\$409,500
Traffic Signal Maintenance - Citywide	\$315,000
HAWK Installation	\$315,000
New Traffic Signal - Veterans Blvd/37th Ave S	\$441,000
Railroad Quiet Zone - 7th Ave N and 16th St N	\$1,260,000
Pavement Marking Replacement	\$630,000
Total Traffic and Streetlight Projects	\$3,370,500

NEW DEVELOPMENT PROJECTS

- New development projects that are within City limits and can be supported with the extension of adjacent infrastructure.
 - Laverne's 2nd Addition
 - The District of Fargo 4th Addition
 - Meadow View Addition – Phase 1
 - Meadow View Addition – Phase 2
 - Golden Valley 6th Addition
 - SW Quadrant of I-29/I-94
 - 14 ½ St N (urbanize roadway)
 - Wear Course Paving Project (existing developments)

NEW DEVELOPMENT PROJECTS

- New development project that is within City limits and is required to support previously constructed new development projects:
 - 45 St from 52 Ave S to 64 Ave S and 64 Ave S from 45 St S to 38 St S



NEW DEVELOPMENT PROJECTS

Duda Property:

Is adjacent to City limits and would require the extension of infrastructure to serve



Nelson Property:

Is partially within City limits and would require the extension of adjacent infrastructure

ALLEY PAVING PROJECTS

2022 Alley Paving Projects

Preliminary Estimated Total Costs

Alley Paving - 9 Ave N to 10 Ave N between 2 St N and 3 St N (Petition received in June 2021)

\$126,000

Total Alley Paving Projects


\$ 126,000



SIDEWALK PROJECTS

2022 Sidewalk Projects	Preliminary Estimated Total Costs
Sidewalks: New/Replacement Sidewalks (North)	\$555,660
Sidewalks: New/Replacement Sidewalks (South)	\$870,660
Total Alley Paving Projects	\$1,426,320

MISCELLANEOUS PROJECTS



2022 Miscellaneous Projects	Preliminary Estimated Total Costs
Water Service Lowering and/or lead replacement	\$441,000
Public Information Coordinator Services	\$60,000
Total Miscellaneous Projects	501,000

HISTORY OF PROJECT DEVELOPMENT TIMELINE

- Prior to 2020 Construction Season
 - Project Managers (who also do project design) are in the field all construction season
 - Short communication timeframe during design process
 - Project design: Jan – Mar
 - Notify property owners (special assessment notification): typically Mar/Apr
 - Bid project: typically Apr/May
 - Construct project: May – Nov

Approve Utility Repl/Street Recon	2018												
Project Design		2018											
Notify Property Owners				2018									
Bid Project					2018								
Construct						2018							
	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2017	2018											

HISTORY OF PROJECT DEVELOPMENT TIMELINE

- For the 2020 Construction Season
 - Hired Consultants in 2019 to work over the summer to design 2020 construction projects
 - Which then allowed City staff to work on 2021 projects over winter and get a year ahead of construction from this point forward.

Approve Utility Repl/Street Recon	2020																									
	2021																									
Project Design – Consultant					2020																					
Project Design – City														2021												
Notify Property Owners														2020												
Bid Project															2020											
Construct																		2020								
	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
	2018	2019												2020												

- 2021 CIP Approval

- [illegible]

PROPOSED PROJECT DEVELOPMENT TIMELINE

- 2023 Utility Replacement and Street Reconstruction projects
 - If approved now, allows us more time to communicate with the residents and private utilities about the project.
 - Project design: Jan – Apr of 2022
 - Notify property owners (postcard): Apr/May of 2022
 - Notify property owners (special assessment notification): Sept – Nov of 2022
 - Bid Project: Oct – Dec 2022
 - Construct project: May – Oct of 2023

Approve Utility Repl/Street Recon	2022																									
	2023																									
Project Design		2023																								
Notify Property Owners - Postcard					2023																					
Notify Property Owners - SA											2023															
Bid Project											2023															
Construct						2022											2023									
THE CITY OF argo MORE	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
	2021	2022												2023												

POSTCARD NOTIFICATION



FargoStreets
MOVING FORWARD

Home > Live > FargoStreets > Projects > 7th Avenue & Oak Street North Improvements

Access TV >
Cass Clay Alerts >
Emergency Preparedness >
FargoStreets >
Interactive Map >
Road Closures >
Latest Updates >

7th Avenue & Oak Street North Improvements

Zone: North [What zone am I?](#)

Future

Start: Spring 2022 **Estimated Completion:** Fall 2022

Project Overview:

Construction activities include the removal and replacement of the existing water main, sanitary sewer repairs, upgrades to the storm sewer system, new asphalt pavement, new concrete curb and gutter, and new sidewalks and driveway aprons.

An open house format informational meeting was held Monday, November 8th, 2021, at 5:00 PM in the City Commission Room at City Hall, 225 4th Street North, Fargo. A link to the video of this meeting is available in the Project Resources section on the right side of this page.

Project Map:

Project Resources

- [Overall Project Map \(PDF\)](#)
- [Public Info Meeting Video](#)

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7th AVE & OAK ST NORTH IMPROVEMENTS
OVERALL PROJECT MAP
CITY OF FARGO IMPROVEMENT DISTRICT BR-22-81

What: Infrastructure Improvement & Reconstruction Project
Where: 7th Ave N from 1st block east of 2nd St to Elm St & Oak St N from the BNSF railroad tracks to 8th Ave
Impacts: Road, intersection, sidewalk, and lane closures
Project Start: Spring 2022
Project End: Fall 2022
For more information, please visit: www.fargostreets.com

PROJECT SELECTION

- Collaboration between Planning, Public Works, and Engineering, Water Treatment, and Water Reclamation
 - Historically collaborated with Public Works
 - Prioritization based heavily on technical data (water main breaks and pavement condition index)
 - Also considered other items, but to a lesser degree
 - Working to update, expand, and formalize criteria and decision making process for evaluation and selection of projects
 - Additional items to consider:
 - Go2030, Core Neighborhood Plan, Fargo Transportation Plan

PROJECT SELECTION – CONT.

- Have had a couple of meetings with Engineering, Public Works, and Planning
 - Reviewed 2023 projects
 - Discussed additional criteria to be considered
- Will be formalizing the process and adding new criteria for prioritization of projects
- Will be working on that over the next year with Planning and Public Works on process and will incorporate the Fargo Transportation Plan

FUTURE UTILITY REPL. AND STREET RECON. PROJECTS

Street Name	From	To	Ave. PCI	WM Type	WM Repl.?	Estimated Cost
07 St N	NP Ave N	01 Ave N	0	CIP	Yes	\$ 784,942.15
09 Ave S	EOP	04 St S	0	CIP	Yes	\$ 600,143.12
07 St N	BNSF RR	07 Ave N	0	CIP	Yes	\$ 1,308,236.92
06 Ave N	04 St N	Broadway	1	CIP	Yes	\$ 1,465,225.35
06 St S	09 Ave S	13 Ave S	3	CIP	Yes	\$ 1,326,670.19
05 St N	11 Ave N	12 Ave N	4	CIP	Yes	\$ 517,401.38
15 1/2 St N	01 Ave N	02 Ave N	6	CIP	Yes	\$ 366,754.13
08 Ave S	EOP	04 St S	6	CIP	Yes	\$ 833,532.10
08 St N	07 Ave N	10 Ave N	7	CIP	Yes	\$ 1,127,669.66
08 St S	03 Ave S	05 Ave S	9	CIP	Yes	\$ 1,033,579.81
08 Ave S	09 St S	10 St S	10	N/A	Yes	\$ 309,556.38
Roberts St N	NP Ave N	01 Ave N	11	CIP	Yes	\$ 941,930.58
03 St S	Linden Ave S	South River Road	11	CIP	Yes	\$ 287,445.21
08 Ave N	Oak St N	01 St N	13	CIP	Yes	\$ 287,445.21
06 Ave S	03 St S	04 St S	13	CIP	Yes	\$ 1,100,262.38
Elmwood Ave S	03 St S	05 St S	13	CIP	Yes	\$ 1,415,114.87
08 St N	Main Ave	NP Ave N	19	CIP	Yes	\$ 1,200,000.00
03 St N	NP Ave N	01 Ave N	20	CIP	Yes	\$ 680,283.20
03 Ave N	27 St N	29 St N	20	ACP	Yes	\$ 900,214.67
08 St S	09 Ave S	13 Ave S	21	CIP	Yes	\$ 1,326,670.19
11 Ave S	05 St S	10 St S	22	N/A	Yes	\$ 2,300,548.61
07 St S	09 Ave S	13 Ave S	23	CIP	Yes	\$ 1,326,670.19
16 Ave S	04 St S	05 St S	24	CIP	Yes	\$ 442,223.40
03 St N	07 Ave N	09 Ave N	25	CIP	Yes	\$ 1,233,627.52
08 Ave S	17 St S	19 St S	25	PVC	No	\$ 409,260.41

FUTURE UTILITY REPL. AND STREET RECON. PROJECTS

Street Name	From	To	Ave. PCI	WM Type	WM Repl.?	Estimated Cost
East Country Club Dr	09 St S	09 St S	26	CIP	Yes	\$ 1,370,892.53
Oakland Ave S	South River Road	05 St S	27	CIP	Yes	\$ 928,669.14
11 Ave N	Elm St N	01 St N	27	CIP	Yes	\$ 685,446.27
10 Ave S	04 St S	10 St S	29	CIP	Yes	\$ 1,967,894.12
05 St N	01 Ave N	02 Ave N	29	CIP	Yes	\$ 627,953.72
09 Ave S	05 St S	08 St S	30	CIP	Yes	\$ 1,400,333.94
12 Ave S	06 St S	08 St S	30	CIP	Yes	\$ 685,446.27
19 St S	08 Ave S	11 Ave S	30	PVC	No	\$ 1,074,308.58
01 St N	32 Ave N	35 Ave N	32	ACP	Yes	\$ 972,891.48
09 Ave S	08 St S	10 St S	33	ACP	Yes	\$ 966,897.24
15 Ave N	Broadway	10 St N	34	CIP	Yes	\$ 1,933,794.48
19 St N	07 Ave N	Great Northern Dr N	34	ACP	Yes	\$ 866,873.39
21 St S	06 Ave S	09 Ave S	34	PVC	No	\$ 801,468.31
09 St S	09 Ave S	13 Ave S	35	CIP	Yes	\$ 1,326,670.19
05 St N	BNSF RR	06 Ave N	35	CIP	Yes	\$ 575,624.24
04 St N	04 Ave N	07 Ave N	36	CIP	Yes	\$ 3,075,000.00
15 Ave S	04 St S	05 St S	36	CIP	Yes	\$ 1,238,225.51
20 St N	07 Ave N	Great Northern Dr N	36	ACP	Yes	\$ 1,100,262.38
Kennedy Ct	08 St N	09 St N	36	CIP	Yes	\$ 796,002.12
15 Ave N	10 St N	University	38	CIP	Yes	\$ 1,400,333.94
15 Ave N	38 St N	45 St N	39	ACP	Yes	\$ 7,168,376.10
South River Road	03 St S	04 St S	40	CIP	Yes	\$ 1,238,225.51
44 St N	14 Ave N	15 Ave N	40	ACP	Yes	\$ 1,333,651.37
40 St N	12 Ave N	North to CDS	41	ACP	Yes	\$ 4,267,684.38
06 Ave N	Broadway	10 St N	43	CIP	Yes	\$ 3,139,768.60

FUTURE UTILITY REPL. AND STREET RECON. PROJECTS

Street Name	From	To	Ave. PCI	WM Type	WM Repl.?	Estimated Cost
01 St N	BNSF RR	12 Ave N	43	CIP	Yes	\$ 2,255,339.33
18 St S	11 Ave S	13 Ave S	44	CIP	Yes	\$ 486,445.74
09 St S	Main Ave	02 Ave S	44	PVC	No	\$ 1,323,583.07
20 St S	07 Ave S	11 Ave S	44	PVC	No	\$ 1,364,201.38
11 Ave S	17 St S	21 St S	45	PVC	No	\$ 750,310.76
04 St S	14 Ave S	16 Ave S	45	N/A	Yes	\$ 995,002.64
01 Ave S	4 St S	07 St S	45	PVC	No	\$ 2,079,916.26
04 Ave N	29 St N	Drain 10	46	ACP	Yes	\$ 1,500,357.79
41 St N	12 Ave N	15 Ave N	47	ACP	Yes	\$ 3,200,763.28
18 St S	07 Ave S	11 Ave S	47	PVC	No	\$ 1,142,518.65
01 Ave S	18 St S	24 St S	48	ACP	Yes	\$ 2,600,620.17
04 St N	Main Ave	04 Ave N	48	CIP	Yes	\$ 6,000,000.00
09 St S	02 Ave S	05 Ave S	48	CIP	Yes	\$ 1,600,381.64
29 St N	01 Ave N	07 Ave N	48	ACP	Yes	\$ 2,467,255.03
Broadway	32 Ave N	35 Ave N	48	ACP	Yes	\$ 1,467,016.50
11 St N	09 Ave N	11 Ave N	50	CIP	Yes	\$ 818,113.29
03 Ave N	04 St N	Broadway	50	CIP	Yes	\$ 1,151,248.49
15 St N	05 Ave N	07 Ave N	50	CIP	Yes	\$ 700,166.97
12 Ave S	18 St S	21 St S	51	CIP	Yes	\$ 729,668.61
09 Ave N	Broadway	10 St N	51	CIP	Yes	\$ 1,370,892.53
Roberts St N	04 Ave N	06 Ave N	51	CIP	Yes	\$ 1,465,225.35
07 St S	Main Ave	01 Ave S	51	PVC	No	\$ 709,062.36
05 St S	07 Ave S	13 Ave S	52	CIP	Yes	\$ 3,367,469.70
NP Ave	Red River	Broadway	53	CIP	Yes	\$ 7,500,000.00
04 Ave S	08 St S	10 St S	53	CIP	Yes	\$ 1,000,238.53

FUTURE UTILITY REPL. AND STREET RECON. PROJECTS

Street Name	From	To	Ave. PCI	WM Type	WM Repl.?	Estimated Cost
West County Club Dr	09 St S	09 St S	55	CIP	Yes	\$ 2,520,673.37
09 St S	05 Ave S	09 Ave S	55	PVC	No	\$ 903,783.41
01 Ave N	03 St N	Broadway	56	CIP	Yes	\$ 2,700,000.00
05 St N	03 Ave N	04 Ave N	56	CIP	Yes	\$ 784,942.15
09 St N	08 Ave N	09 Ave N	56	CIP	Yes	\$ 353,778.72
11 Ave N	07 St N	10 St N	57	CIP	Yes	\$ 884,446.80
09 Ave N	10 St N	University	57	CIP	Yes	\$ 884,446.80
14 Ave N	40 St N	44 St N	57	ACP	Yes	\$ 3,734,223.83
07 St N	07 Ave N	12 Ave N	58	CIP	Yes	\$ 2,255,339.33
23 Ave N	Elm St N	02 St N	58	CIP	Yes	\$ 773,890.95
19 Ave N	Dakota Dr N	I-29 East Ramps	58	CIP	Yes	\$ 7,535,444.64
09 Ave S	17 St S	21 St S	58	PVC	No	\$ 784,415.79
Total Estimated Cost of Utility Repl. and Street Recon. Projects						\$ 136,629,285

PROPOSED 2023 UTILITY REPL. AND STREET RECON. PROJECTS

2023 Utility Replacement and Street Reconstruction Projects	Preliminary Estimated Total Costs
8 St N from 7 Ave N to 10 Ave N; ½ block east and west of 8 St N on 8 Ave N, 9 Ave N, and 10 Ave N	\$4,105,707
6 Ave N from 10 St N to Roberts St N; 8 St N from 6 Ave N to 7 Ave N; 7 St N from BNSF to 7 Ave N	\$4,476,658
8 St S from 9 Ave S to 13 Ave S	\$2,318,983
Total Utility Replacement and Street Reconstruction Projects	\$ 10,901,349

CAPITAL IMPROVEMENT PLAN (CIP)

Questions?