

Village of Carol Stream

SPECIAL WORKSHOP MEETING

MONDAY, MARCH 5, 2018

6:00 P.M.

CAROL STREAM FIRE PROTECTION DISTRICT

FIRE STATION 28

365 KUHN ROAD

CAROL STREAM, ILLINOIS 60188

TRAINING ROOM

AGENDA

1. CALL TO ORDER
2. ATTENDANCE
3. FY 19 BUDGET WORKSHOP-CAPITAL IMPROVEMENT PROGRAM
4. OTHER BUSINESS
5. ADJOURNMENT

VILLAGE OF CAROL STREAM

2017-18 CAPITAL IMPROVEMENT PROGRAM

AGENDA

- **Completed Projects**
- **Proposed CIP**
 - **Five Year Plan**
 - **Cash Flows**
 - **Ten & Twenty Year Plans**
 - **Project Details**
- **Requested But Not Programmed Projects**

COMPLETED CIP PROJECTS

<u>Roadway System</u>	<u>Fund</u>
Pavement Preventative Maintenance Program	CPF
Preservative Sealer	CPF
Restorative Sealer	CPF
Fiberized Crackfill	MFT
Pavement Patching	CPF
Flexible Pavement Program	MFT
Lies Road Pavement Rehabilitation	CPF
Sidewalk Condition Assessments & ADA Inventories	CPF
Streetlight Replacement Program	CPF
 <u>Water and Sewer Utilities</u>	
WRC Secondary Clarifier Improvement	W/S
WRC Grit/Screening Building #2 Roof Replacement	W/S
Dermody Water Main Replacement	W/S
Aztec Dr. Sanitary Sewer Repairs & Lining	W/S
Trunk Sanitary Sewer Condition Assessments	W/S

COMPLETED CIP PROJECTS

<u>Stormwater Utility</u>	
Kehoe Boulevard Stream Bank Stabilization Study	CPF
Klein Creek Section I Stream Bank Stabilization Study	CPF

PROPOSED FIVE YEAR CIP

PROJECT SUMMARY

FIVE YEAR CIP EXPENDITURE SUMMARY

(In \$,000)

System	Fund	FY18/19 Proposed	FY19/20 Planned	FY20/21 Planned	FY21/22 Planned	FY22/23 Planned	Totals
Roadway	CPF	\$4,298	\$2,867	\$762	\$4,253	\$4,123	\$16,303
Roadway	MFT	-	3,149	3,394	-	-	6,543
Roadway	Total	\$4,298	\$6,016	\$4,156	\$4,253	\$4,123	\$22,846

FIVE YEAR CIP EXPENDITURE SUMMARY

(In \$,000)

<u>System</u>	<u>Fund</u>	<u>FY18/19 Proposed</u>	<u>FY19/20 Planned</u>	<u>FY20/21 Planned</u>	<u>FY21/22 Planned</u>	<u>FY22/23 Planned</u>	<u>Totals</u>
W&S	CPF	\$4,540	\$879	\$1,900	\$200	\$200	\$7,719
W&S	W&S						
W&S	Total	\$4,540	\$879	\$1,900	\$200	\$200	\$7,719

FIVE YEAR CIP EXPENDITURE SUMMARY

(In \$,000)

<u>System</u>	<u>Fund</u>	<u>FY18/19 Proposed</u>	<u>FY19/20 Planned</u>	<u>FY20/21 Planned</u>	<u>FY21/22 Planned</u>	<u>FY22/23 Planned</u>	<u>Totals</u>
Storm	CPF	\$931	\$732	\$2,196	\$885	\$170	\$4,914
Storm	W&S						
Storm	Total	\$931	\$732	\$2,196	\$885	\$170	\$4,914

FIVE YEAR CIP EXPENDITURE SUMMARY

(In \$,000)

<u>System</u>	<u>Fund</u>	<u>FY18/19 Proposed</u>	<u>FY19/20 Planned</u>	<u>FY20/21 Planned</u>	<u>FY21/22 Planned</u>	<u>FY22/23 Planned</u>	<u>Totals</u>
Roadway	CPF	\$4,378	\$2,867	\$762	\$4,217	\$4,123	\$20,303
Roadway	WFT	-	1,140	3,294	-	-	\$5,543
Roadway	Total	\$4,378	\$4,007	\$4,056	\$4,217	\$4,123	\$25,846
W&S	W&S	\$4,540	\$879	\$1,800	\$200	\$200	\$7,719
Storm	CPF	\$921	\$720	\$2,156	\$833	\$700	\$4,974
Facilities	CPF	\$5,385	\$200	-	\$120	\$400	\$6,105

FIVE YEAR CIP EXPENDITURE SUMMARY

(In \$,000)

<u>System</u>	<u>Fund</u>	<u>FY18/19 Proposed</u>	<u>FY19/20 Planned</u>	<u>FY20/21 Planned</u>	<u>FY21/22 Planned</u>	<u>FY22/23 Planned</u>	<u>Totals</u>
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W&S	W&S	\$4,540	\$879	\$1,800	\$200	\$200	\$7,719
Storm	CPF	\$921	\$720	\$2,156	\$833	\$700	\$4,974
Facilities	CPF	\$5,385	\$200	-	\$120	\$400	\$6,105
TOTALS		\$15,154	\$7,827	\$8,252	\$5,458	\$4,893	\$41,584

PROPOSED FIVE YEAR CIP

FUNDING SUMMARY

FIVE YEAR CIP FUNDING SUMMARY

(In \$,000)

Funding Breakdown	FY18/19 Proposed	FY19/20 Planned	FY20/21 Planned	FY21/22 Planned	FY22/23 Planned	Totals
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grants	860	468	2,232	1,163	-	4,723
Reserves	14,294	7,359	6,020	4,295	4,893	36,861
Totals	\$15,154	\$7,827	\$8,252	\$5,458	\$4,893	\$41,584

PROPOSED FIVE YEAR CIP

CASH FLOW

FIVE YEAR CIP FUND BALANCE SUMMARIES

(In \$,000)

Fund	<u>FY17/18 Estimated</u>	<u>FY18/19 Projected</u>	<u>FY19/20 Projected</u>	<u>FY20/21 Projected</u>	<u>FY21/22 Projected</u>	<u>FY22/23 Projected</u>
CPF	\$13,534	\$4,000	\$659	(\$400)	(\$4,446)	(\$9,142)

FIVE YEAR CIP FUND BALANCE SUMMARIES

(In \$,000)

<u>Fund</u>	<u>FY17/18 Estimated</u>	<u>FY18/19 Projected</u>	<u>FY19/20 Projected</u>	<u>FY20/21 Projected</u>	<u>FY21/22 Projected</u>	<u>FY22/23 Projected</u>
CPF	\$13,534	\$4,780	\$2,271	\$2,044	(\$1,170)	(\$5,034)

FIVE YEAR CIP FUND BALANCE SUMMARIES

(In \$,000)

<u>Fund</u>	<u>FY17/18 Estimated</u>	<u>FY18/19 Projected</u>	<u>FY19/20 Projected</u>	<u>FY20/21 Projected</u>	<u>FY21/22 Projected</u>	<u>FY22/23 Projected</u>
MFT	\$3,081	\$4,054	\$2,054	\$83	\$974	\$1,885

PROPOSED CIP

**YEARS 6 - 10
YEARS 11 - 20**

YEARS 6-10 CIP EXPENDITURE SUMMARY

(In \$,000)

System	Fund	FY23/24 Proposed	FY24/25 Planned	FY25/26 Planned	FY26/27 Planned	FY27/28 Planned	Totals
Roadway	CPF	\$4,262	\$2,391	\$7,031	\$4,628	\$4,450	\$22,762
Roadway	MFT	-	3,279	-	-	-	3,279
Roadway	Total	\$4,262	\$5,670	\$7,031	\$4,628	\$4,450	\$26,041

YEARS 6-10 CIP EXPENDITURE SUMMARY

(In \$,000)

<u>System</u>	<u>Fund</u>	<u>FY23/24 Proposed</u>	<u>FY24/25 Planned</u>	<u>FY25/26 Planned</u>	<u>FY26/27 Planned</u>	<u>FY27/28 Planned</u>	<u>Totals</u>
Roadway	CPF	\$4,262	\$2,307	\$7,031	\$4,628	\$4,450	\$26,708
Roadway	MFT	-	3,279	-	-	-	3,279
Roadway	Total	\$4,262	\$5,576	\$7,031	\$4,628	\$4,450	\$29,987
W&S	W&S	\$5,240	\$14,423	\$6,659	\$5,742	\$2,750	\$34,814

YEARS 6-10 CIP EXPENDITURE SUMMARY

(In \$,000)

<u>System</u>	<u>Fund</u>	<u>FY23/24 Proposed</u>	<u>FY24/25 Planned</u>	<u>FY25/26 Planned</u>	<u>FY26/27 Planned</u>	<u>FY27/28 Planned</u>	<u>Totals</u>
Roadway	CPF	\$4,262	\$2,307	\$7,031	\$4,628	\$4,450	\$26,708
Roadway	MFT	-	3,279	-	-	-	3,279
Roadway	Total	\$4,262	\$5,576	\$7,031	\$4,628	\$4,450	\$29,987
W&S	W&S	\$5,240	\$14,423	\$6,659	\$5,742	\$2,750	\$34,814
Storm	CPF	\$262	\$766	\$218	\$150	\$150	\$1,546

YEARS 6-10 CIP EXPENDITURE SUMMARY

(In \$,000)

<u>System</u>	<u>Fund</u>	<u>FY23/24 Proposed</u>	<u>FY24/25 Planned</u>	<u>FY25/26 Planned</u>	<u>FY26/27 Planned</u>	<u>FY27/28 Planned</u>	<u>Totals</u>
Recovery	CPF	\$4,202	\$2,247	\$7,251	\$4,528	\$4,450	\$22,708
Recovery	MFT	-	3,275	-	-	-	3,275
Recovery	TotW	\$4,202	\$5,522	\$7,251	\$4,528	\$4,450	\$25,954
WSS	WSS	\$5,240	\$14,425	\$5,055	\$3,742	\$2,159	\$34,621
Storm	CPF	\$202	\$765	\$215	\$150	\$150	\$1,542
Facilities	CPF	-	-	\$200	-	-	\$200

YEARS 6-10 CIP EXPENDITURE SUMMARY

(In \$,000)

<u>System</u>	<u>Fund</u>	<u>FY23/24 Proposed</u>	<u>FY24/25 Planned</u>	<u>FY25/26 Planned</u>	<u>FY26/27 Planned</u>	<u>FY27/28 Planned</u>	<u>Totals</u>
Recovery	CPF	\$4,202	\$2,247	\$7,251	\$4,528	\$4,450	\$22,708
Recovery	MFT	-	3,275	-	-	-	3,275
Recovery	TotW	\$4,202	\$5,522	\$7,251	\$4,528	\$4,450	\$25,954
WSS	WSS	\$5,240	\$14,425	\$5,055	\$3,742	\$2,159	\$34,621
Storm	CPF	\$202	\$765	\$215	\$150	\$150	\$1,542
Facilities	CPF	-	-	\$200	-	-	\$200
TOTALS		\$9,764	\$20,859	\$14,108	\$10,520	\$7,350	\$62,601

YEARS 11-20 CIP PROJECTS

	Fund	FY 28/29	FY 29/30	FY 30/31	FY 31/32	FY 32/33	FY 33/34	FY 34/35	FY 35/36	FY 36/37	FY 37/38
Roadway System											
1 Pavement Preventative Maintenance Program	CPF	X	X	X	X	X	X	X	X	X	X
2 Flexible Pavement Program	CPF	X	X	X	X	X	X	X	X	X	X
3 Flexible Pavement Program	MFT		X				X				X
4 Vile Rd. Rehabilitation*	CPF		X								
5 Doris Ave. Rehabilitation	CPF		X								
6 Morton Rd. Rehabilitation - St. Charles to North	CPF		X								
7 Kuhn Rd. Rehabilitation - St. Charles to North	CPF			X							
8 Morton Rd. Rehabilitation - North to Lies*	CPF			X							
9 Fair Oaks Rd. Rehabilitation - North to Maple Ridge*	CPF				X						
10 Old Gary Ave. Rehabilitation*	CPF				X						
11 Roadway Condition Assessments & Inventories	CPF	X				X				X	
12 Sidewalk Condition Assessments & ADA Inventories	CPF	X	X	X		X	X	X		X	X
13 Streetlight Replacement Program	CPF	X	X	X							
Water and Sewer Utilities											
1 WRC Non-potable Water Strainer Replacement	W/S	X									
2 WRC RAS Station Improvements	W/S			X							
3 Fire Hydrant Replacement Program	W/S	X	X	X	X	X	X	X	X	X	X
4 Water Main Valve Replacement Program	W/S	X	X	X	X	X	X	X	X	X	X
5 Water Main Replacements	W/S	X	X	X	X	X	X	X	X	X	X
6 Gary Avenue Gardens Water Main Improvements	W/S		X	X							
7 Sanitary Sewer Replacements	W/S	X	X	X	X	X	X	X	X	X	X
Stormwater Utility											
1 Roadway Drainage Improvements	CPF	X	X	X	X	X	X	X	X	X	X
Facilities											
1 New Police Station	CPF										
- Land			X								
- Construction				X							
2 Community Park Improvements*	CPF	X	X	X							

* Partially funded through outside sources

CAPITAL IMPROVEMENT PROGRAM

ROADWAY PROJECTS

Pavement Preventative Maintenance Program Projects



Flexible Pavement Program Project

Street Resurfacing

Aspen Court - Merbach Drive to End
Beech Court - Merbach Drive to End
Burning Trail - Birchbark Trail to Joint
Dogwood Lane - Birchbark Trail to Evergreen Drive
Hemlock Lane - Birchbark Trail to Birchbark Trail
Raintree Court - Dogwood Lane to End
Westward Trail - Birchbark Trail to Burning Trail

Bearpaw Court - Birchbark Trail to End
Big Eagle Trail - Birchbark Trail to End
Cedar Court - Merbach Drive to End
Gunsmoke Court - Birchbark Trail to End
Hickory Lane - Birchbark Trail to Birchbark Trail
Trailside Court - Merbach Drive to End
Winchester Court - Birchbark Trail to End

Structural Overlay

Birchbark Trail - Morton Drive to Fair Oaks Road
Merbach Drive - Lies Road to Army Trail Road

Center Avenue - Mission Street to Joint
Tower Boulevard - Center Avenue to Schmale Road

Pavement Reconstruction

Cypress Lane - Evergreen Drive to Evergreen Drive
Laurel Court - Cypress Lane to End

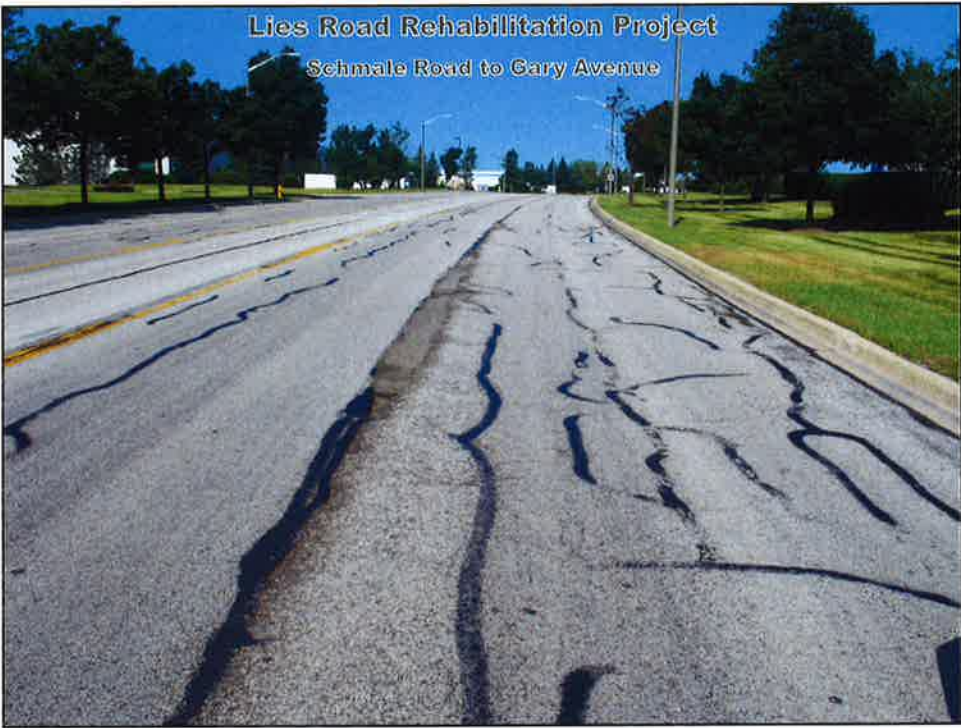
Hickory Lane - Birchbark Trail to Birchbark Trail
Shagbark Court - Hickory Lane to End

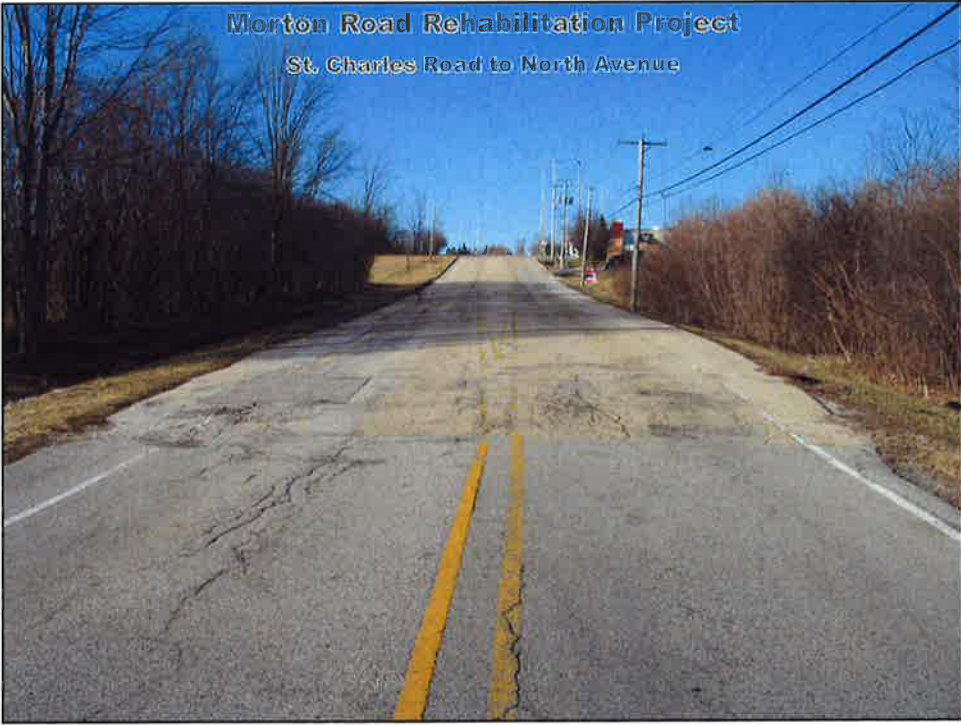
Lies Road Rehabilitation Project
Kuhn Road to County Farm Road



Lies Road Rehabilitation Project
High Ridge Pass to Fair Oaks Road









Fair Oaks Road Rehabilitation Project
North Avenue to Maple Ridge Court



Old Gary Avenue Rehabilitation Project

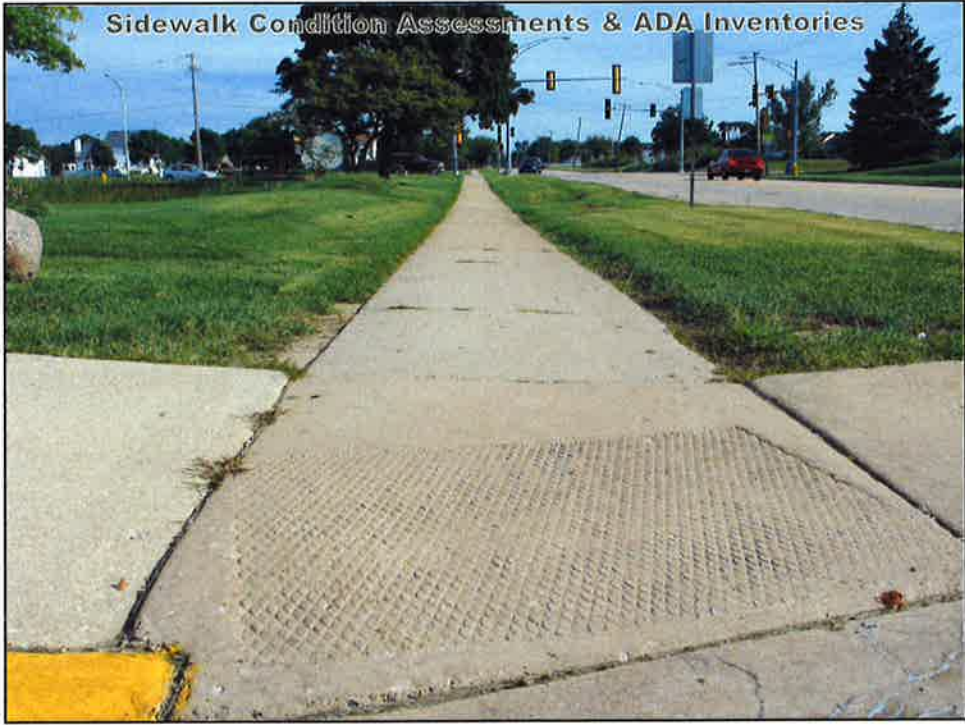




Roadway Condition Assessments



Sidewalk Condition Assessments & ADA Inventories

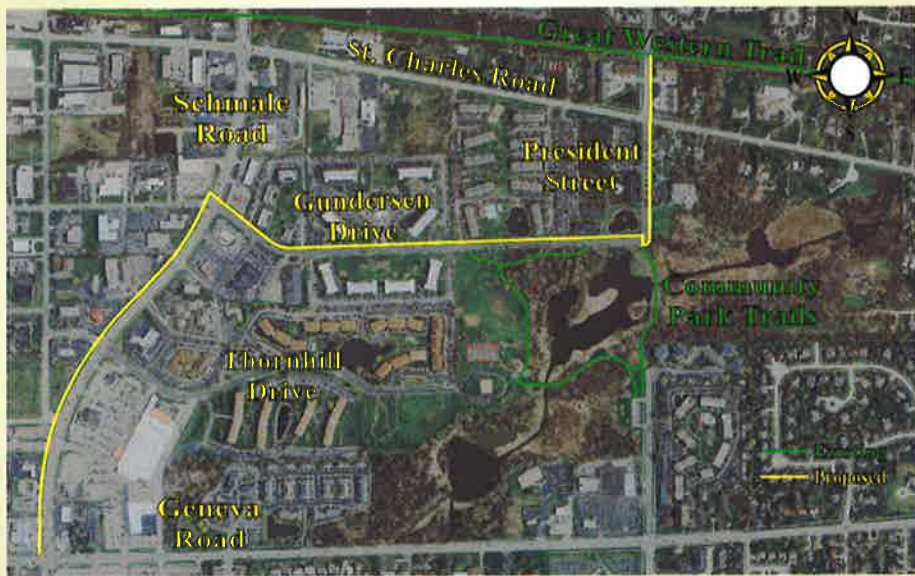




Lies Road Bike Path Extension Project



Southeast Bike Path Project

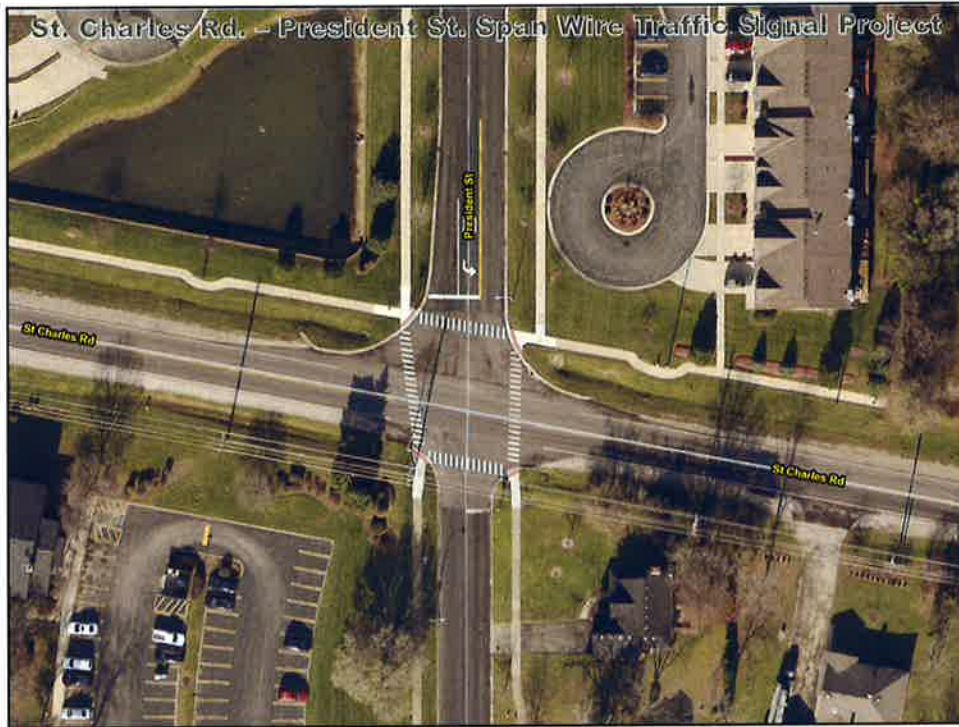


Gary Avenue Multi-Use Path Project



Streetlight Replacement Program Project





CAPITAL IMPROVEMENT PROGRAM

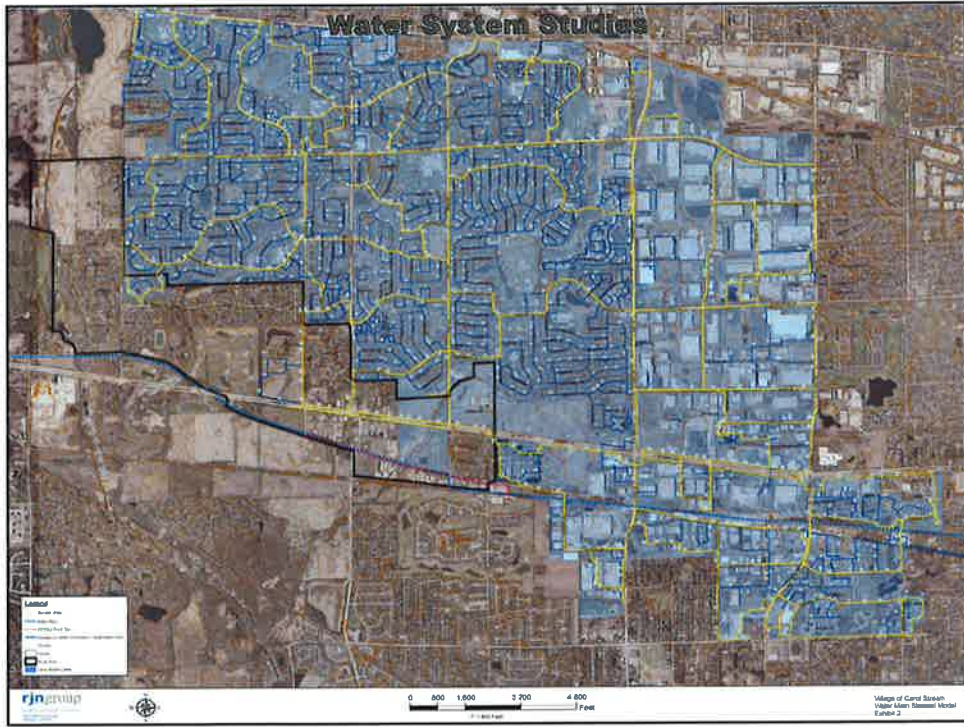
WATER & SEWER PROJECTS

WRC Dewatering System Improvement Project



Schmale Road Water Main Replacement Project







North Avenue Sanitary Sewer Rehabilitation Project



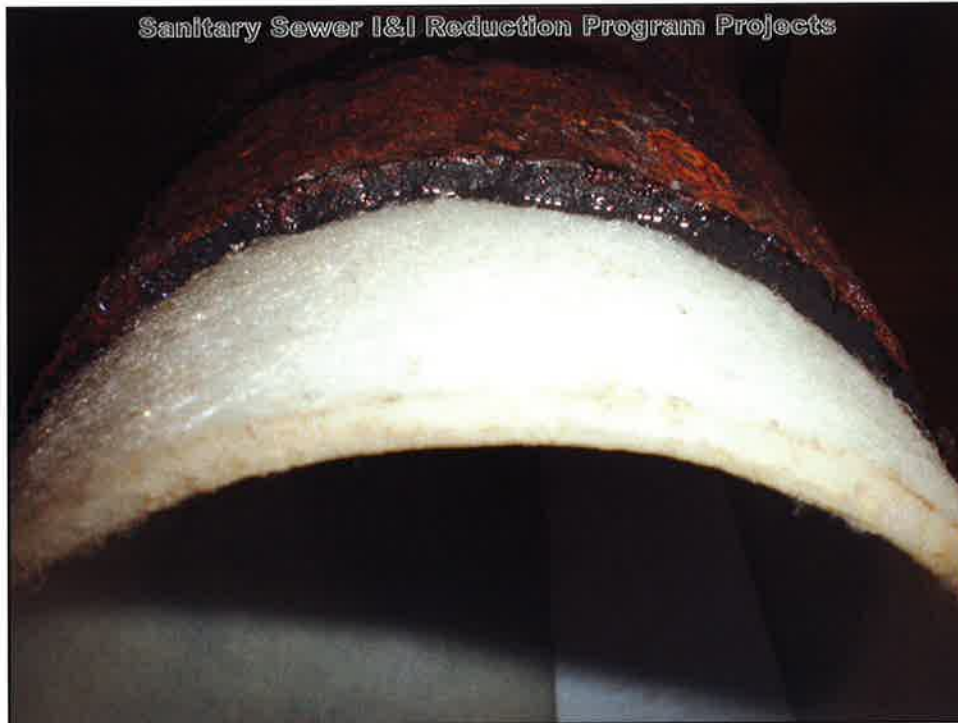
Sanitary Sewer Condition Assessments



Sanitary Sewer Manhole Repairs Project



Sanitary Sewer I&I Reduction Program Projects





CAPITAL IMPROVEMENT PROGRAM

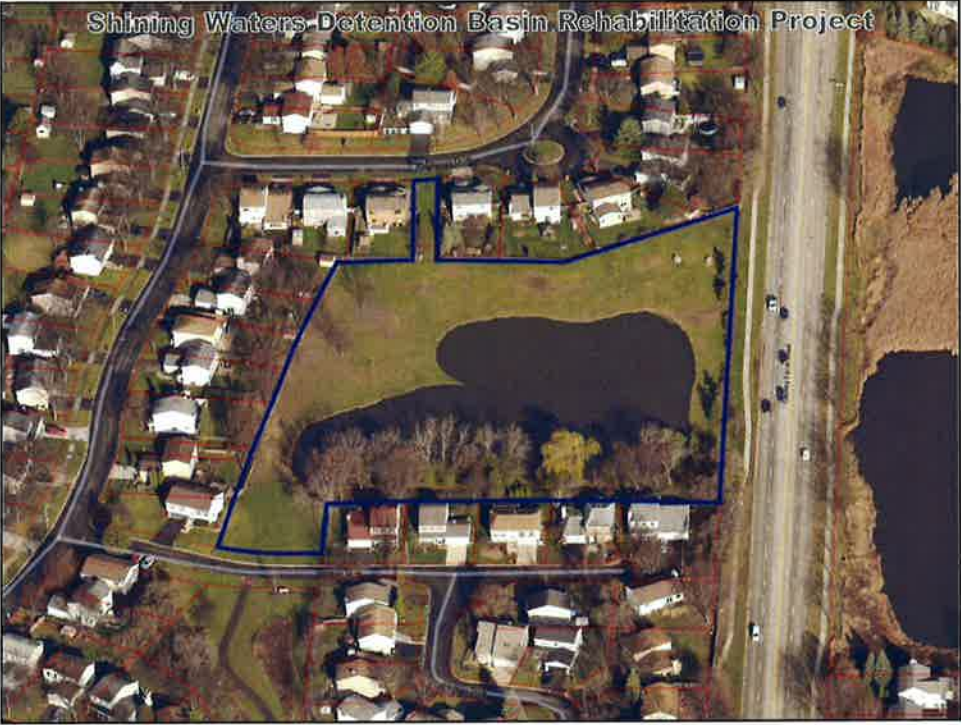
STORM WATER PROJECTS















Illini Drive Flood Plain Property Buyout Naturalization Project



CAPITAL IMPROVEMENT PROGRAM

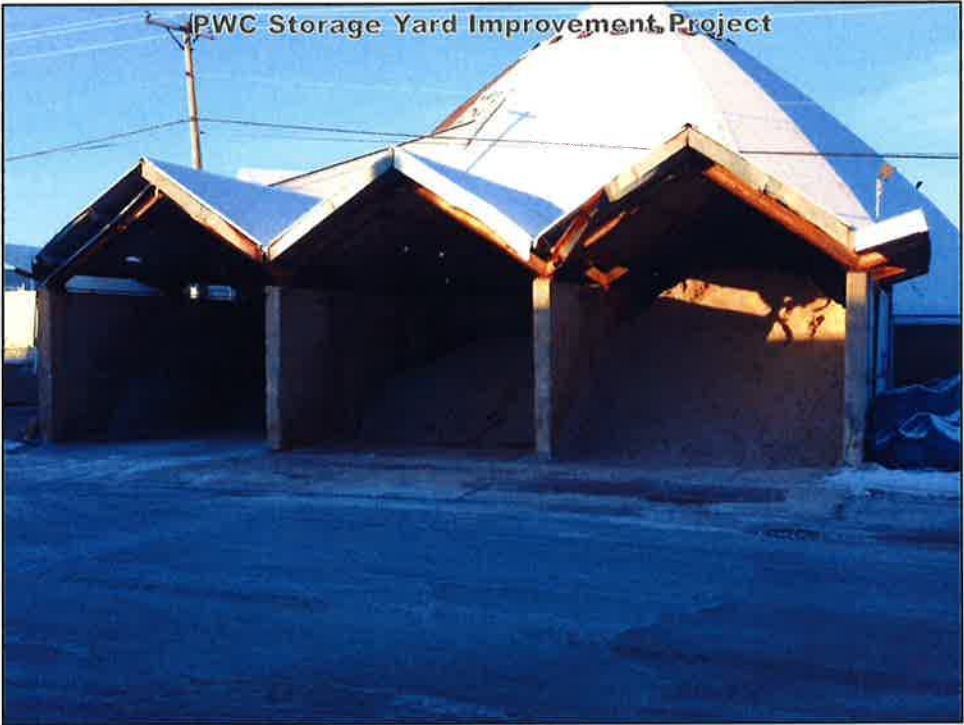
FACILITY PROJECTS

Village Hall Rehabilitation Project



PWG Fuel Island Removal Project





PWC Admin. Building Roof Replacement Project



PWC Admin. Building ADA & Security Improvements Project





**REQUESTED
BUT NOT
PROGRAMMED**

**PROJECT
LISTING**

CIP Projects By Fund		Fund	Estimated Cost (S,000s)
Roadway System:			
1. Morton Road Phase I Reconstruction		CPF	\$ 2,049
2. Old Gary Avenue Bridge Replacement		CPF	848
3. Spring Valley Parking Lot Additions		CPF	50
4. Fullerton Ave. & Kohoc Blvd. Pedestrian Improvements*		CPF	1,295
5. School Sidewalk Improvements		CPF	416
	Roadway System Subtotal:		\$ 4,649
Water and Sewer Utilities:			
1. Wayne Township Water Main Extensions*		W/S	9,000
2. Sanitary Force Main Replacements		W/S	414
	Water and Sewer Utilities Subtotal:		\$ 9,414
Stormwater Utilities:			
1. Klein Creek Flood Forecast Warning System*		CPF	\$ 39
2. Carol Stream Venture Flood Control		CPF	258
3. Southeast Storm Water System Improvements		CPF	Yet To Be Determined
4. Tubeeway Detention Basin Rehabilitation & Improvements		CPF	Yet To Be Determined
5. Flood Plain Structure Buyout Program*		CPF	1,484
6. Flood Plain Structure Buyout Lot Enhancement Program*		CPF	786
7. Flood Plain Structure Flood Proofing Program		CPF	2,900
8. Stormwater Management Facility (SWMF) Retrofitting Program*		CPF	\$2M Per Facility
9. TMDL Stream Restoration Program*		CPF	Yet To Be Determined
10. Pond Shoreline Restoration*		CPF	Yet To Be Determined
	Stormwater Utilities Subtotal:		\$ 5,467
Facilities:			
1. Community Park Improvements*		CPF	Yet To Be Determined
2. Police Evidence Building		CPF	500
	Facilities Subtotal:		\$ 500
	Total Expenditures All Funds:		\$ 20,030
Fund Recap			
Capital Projects Fund		CPF	\$ 10,616
Motor Fuel Tax Fund		MFT	-
Water & Sewer Fund		W/S	9,414
	Total Expenditures All Funds:		\$ 20,030

* Partially funded through outside sources.

