

Village of Carol Stream

SPECIAL WORKSHOP MEETING

MONDAY, MARCH 18, 2024

IMMEDIATELY FOLLOWING 6:00 P.M. VILLAGE BOARD MEETING

GREGORY J. BIELAWSKI MUNICIPAL CENTER

500 N. GARY AVENUE

CAROL STREAM, ILLINOIS 60188

BOARD ROOM

AGENDA

1. CALL TO ORDER
2. ATTENDANCE
3. FY 25 BUDGET WORKSHOP – CAPITAL IMPROVEMENT PROGRAM (CIP)
4. OTHER BUSINESS
5. ADJOURNMENT



Village of Carol Stream

**BUDGET WORKSHOP #4
FY25-29
CAPITAL IMPROVEMENT
PROGRAM**

March 18, 2024

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AGENDA

- FY25-29 CIP and Financial Overview – Jon Batek
- Asset Overview and Revenue Summary – Bill Cleveland
- Transportation Proposed Projects – Adam Frederick
- Stormwater Proposed Projects – Greg Ulreich
- Facility Proposed Projects – Bill Cleveland

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FY25-29 Capital Improvement Program

The Capital Improvement Program (CIP) encompasses the combined activities of two distinct Village Funds:

1. Capital Projects Fund (CPF)
2. Motor Fuel Tax Fund (MFT)

Capital improvement activities associated with the Water and Sewer Fund are contained within that fund since those projects are directly funded by water and sewer rates and users of the system.

$$\text{CIP} = \text{CPF} + \text{MFT}$$

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FY25-29 CIP Overview

5 Year CIP Revenues

	<u>FY25</u>	<u>FY25</u>	<u>FY26</u>	<u>FY27</u>	<u>FY28</u>	<u>5 Year Total</u>
CIP Operating Revenues*	\$ 6,096,000	\$ 5,807,000	\$ 5,717,000	\$ 5,642,000	\$ 5,585,000	\$ 28,847,000
CIP Grant Revenues	<u>1,748,000</u>	<u>188,000</u>	<u>-</u>	<u>113,000</u>	<u>243,000</u>	<u>2,292,000</u>
Total CIP Revenues	<u>\$ 7,844,000</u>	<u>\$ 5,995,000</u>	<u>\$ 5,717,000</u>	<u>\$ 5,755,000</u>	<u>\$ 5,828,000</u>	<u>\$ 31,139,000</u>

	Outlook	% of Total
* Electricity Utility Tax	Stable / Consistent	33%
Telecommunications Tax	Trending Downward	8%
Real Estate Transfer Tax	Negative / Near Term	11%
Local Motor Fuel Tax	Stable / Near-Term	13%
State Motor Fuel Tax	Stable / Near-Term	33%

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FY25-29 Financial Overview

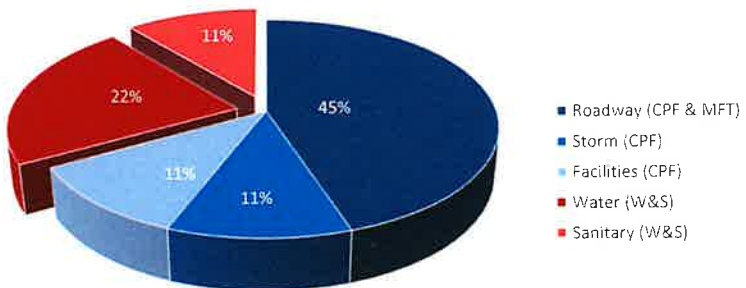
Total Projected Revenues, Expenditures and Reserves – 5 Year CIP

	Revenues	Expenditures	Difference	Reserve Balance
FY24 est.	\$ 7,698,000	\$ 11,958,000	\$ (4,260,000)	\$ 21,918,243
FY25	7,844,000	11,525,000	(3,681,000)	18,237,243
FY26	5,995,000	12,252,000	(6,257,000)	11,980,243
FY27	5,717,000	9,072,000	(3,355,000)	8,625,243
FY28	5,755,000	6,499,000	(744,000)	7,881,243
FY29	5,828,000	7,136,000	(1,308,000)	6,573,243
	\$31,139,000	\$46,484,000	\$(15,345,000)	

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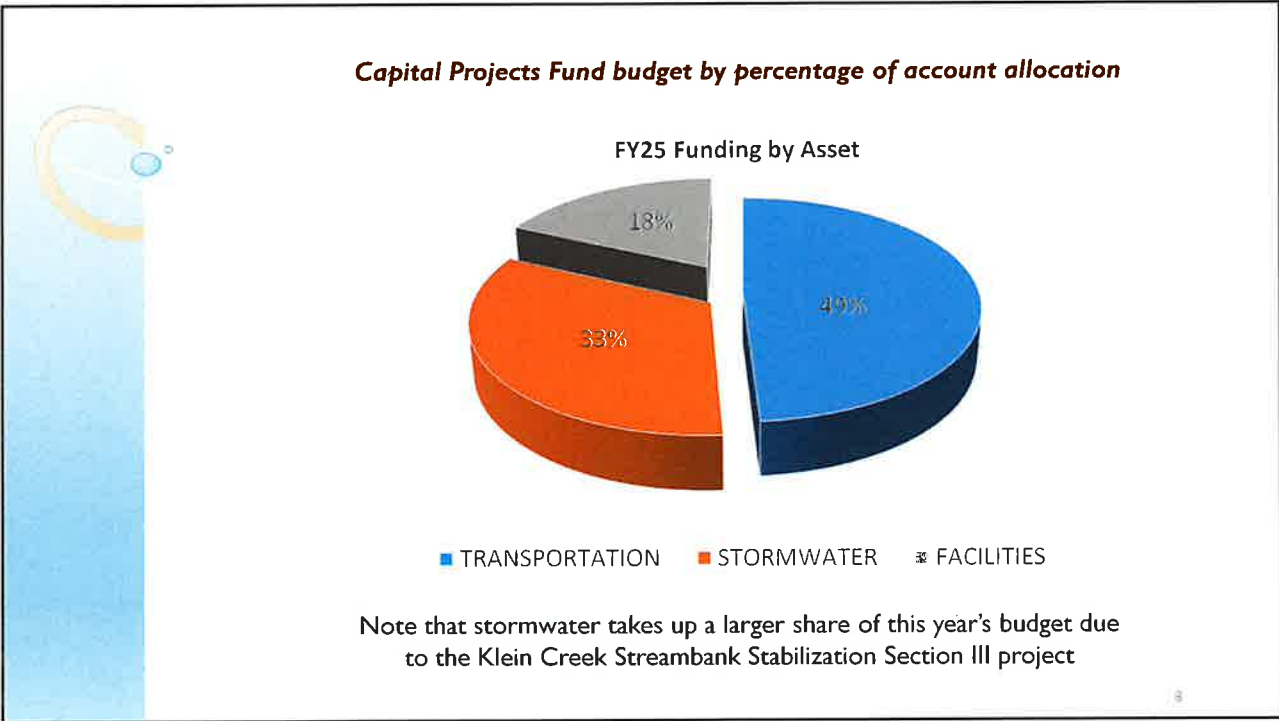
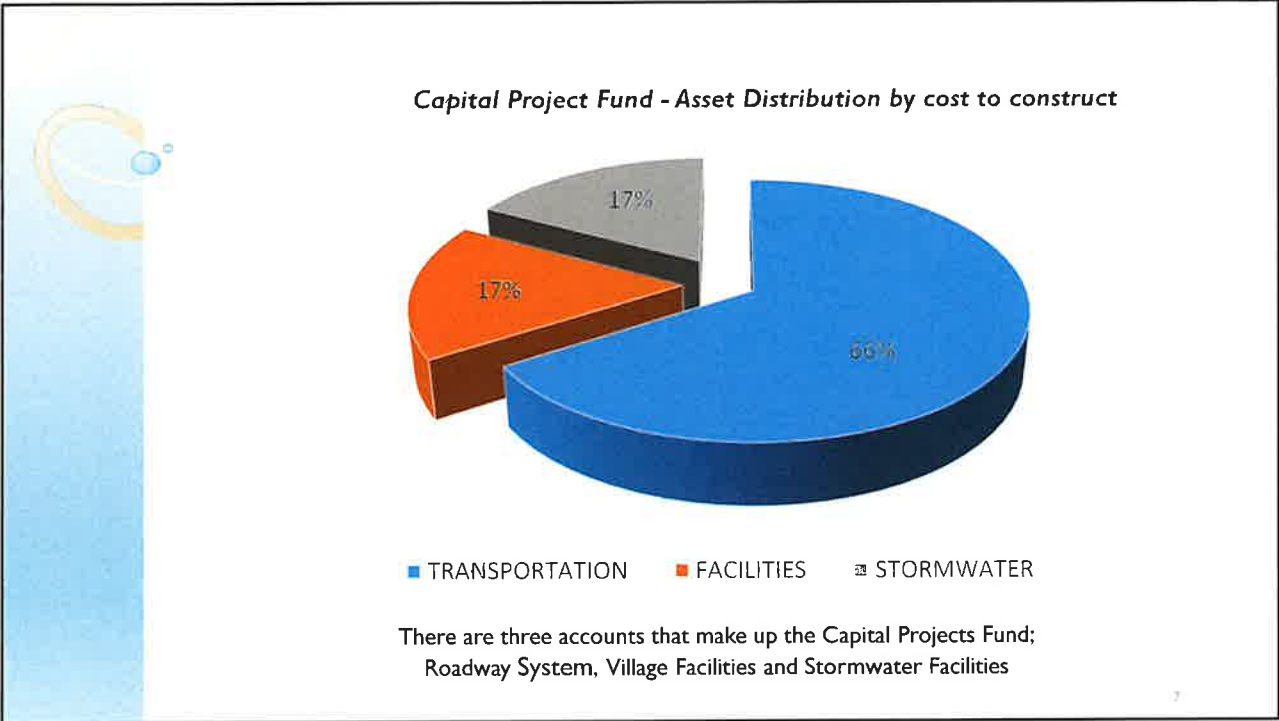
Infrastructure constructed since Carol Stream's incorporation in the late 1950's has a total net worth of nearly half a billion dollars

Infrastructure Assets by Cost to Construct



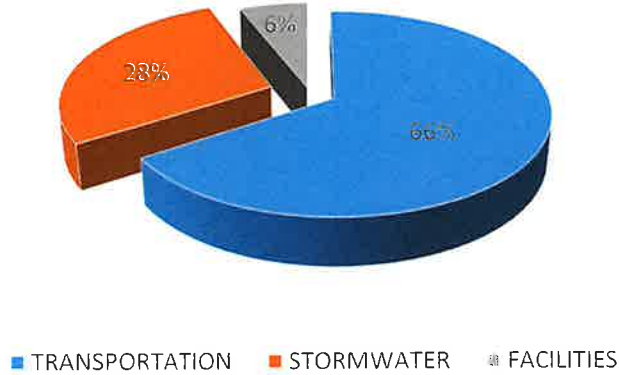
Transportation assets make up nearly half of the Village's infrastructure and about two thirds of the Capital Improvements Program assets (not including water and sanitary)

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Capital Projects Fund by asset for the Five Year Plan

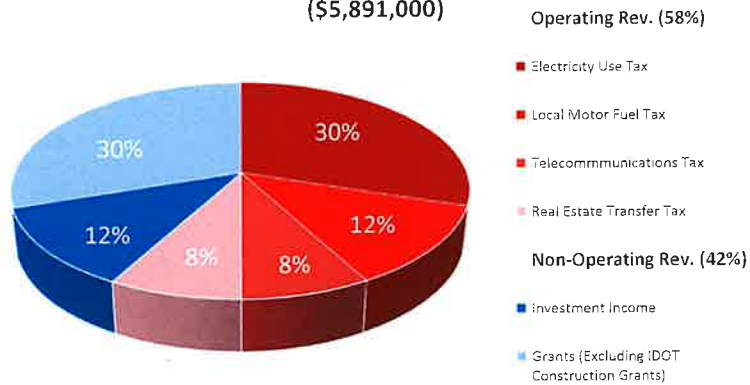
FY25-29 Funding by Asset



The Roadway account has the same percentage as it's asset value, but facility costs are low due to recent expenditures on the Municipal Center and Public Work Building

Dedicated and grant revenue sources have helped fund the CIP

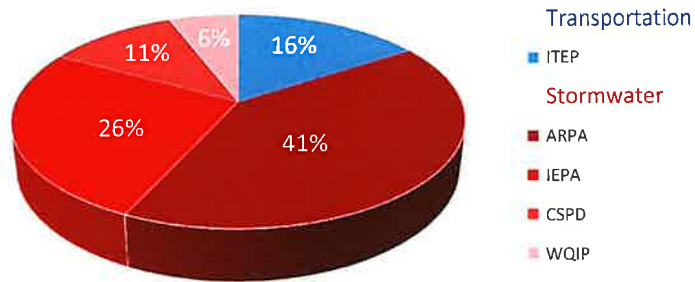
FY25 Capital Projects Fund - Revenue Sources
(\$5,891,000)



In FY25 grant funding provides about one third of revenue sources

Grant revenue comes from a variety of different sources

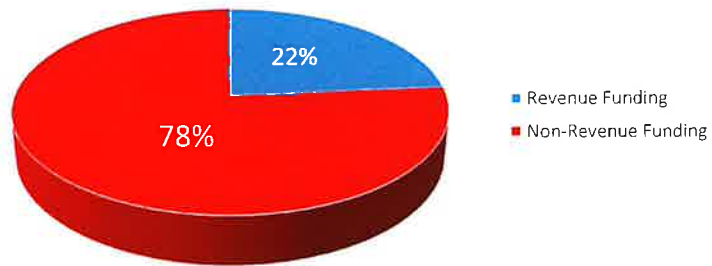
**FY25 Grants & Other Revenue Sources
(\$1,748,000)**



84% of grant revenue is for stormwater projects in FY25

Grant funding in the Five Year Plan accounts for over \$10.3M

5YR Total Grant Funding



Grant funding in the Five Year Plan is about three fourths “non-revenue” for federally funded transportation construction projects through IDOT. The constructed value of the CIP is about \$8M greater than expenditures.

CAPITAL IMPROVEMENT PROGRAM

PROPOSED FY25 TRANSPORTATION PROJECTS

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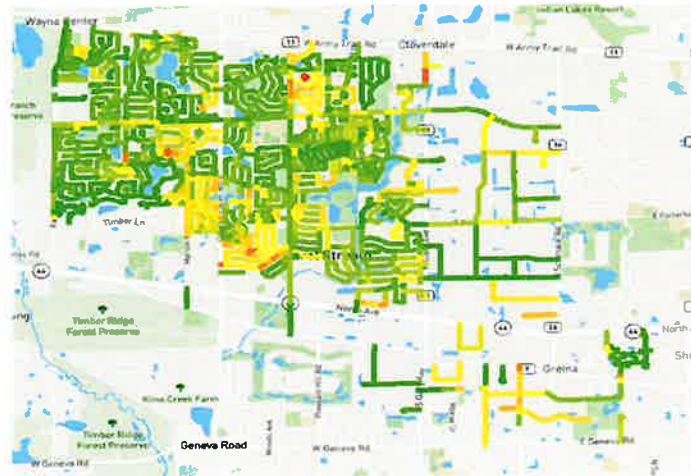
Pavement Condition Index Study



Capital Projects Fund – \$50,000
Completed – GoodRoads, Inc. \$12,000

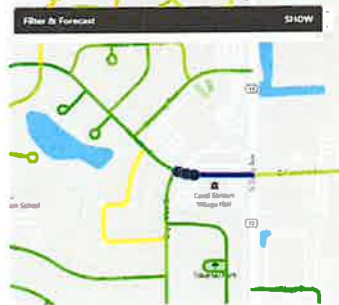
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GoodRoads PCI Results Map



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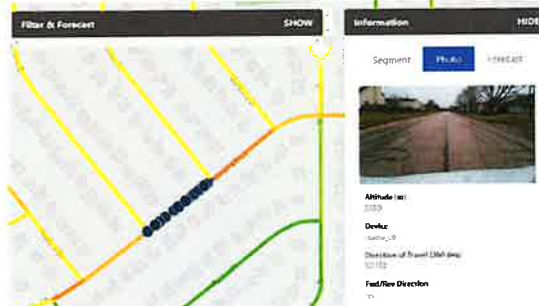
Pavement Condition Index Study



Thunderbird Trail
(2012)
PCI 42-70

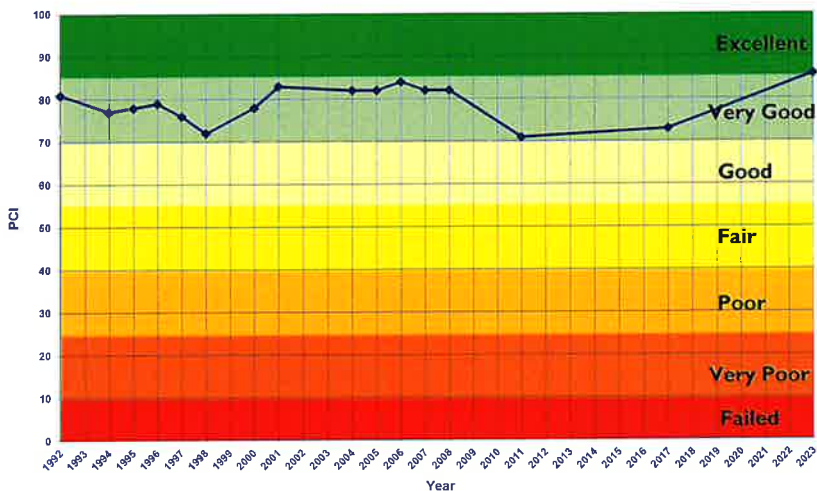


Hiawatha Drive
(2023)
PCI 95-100

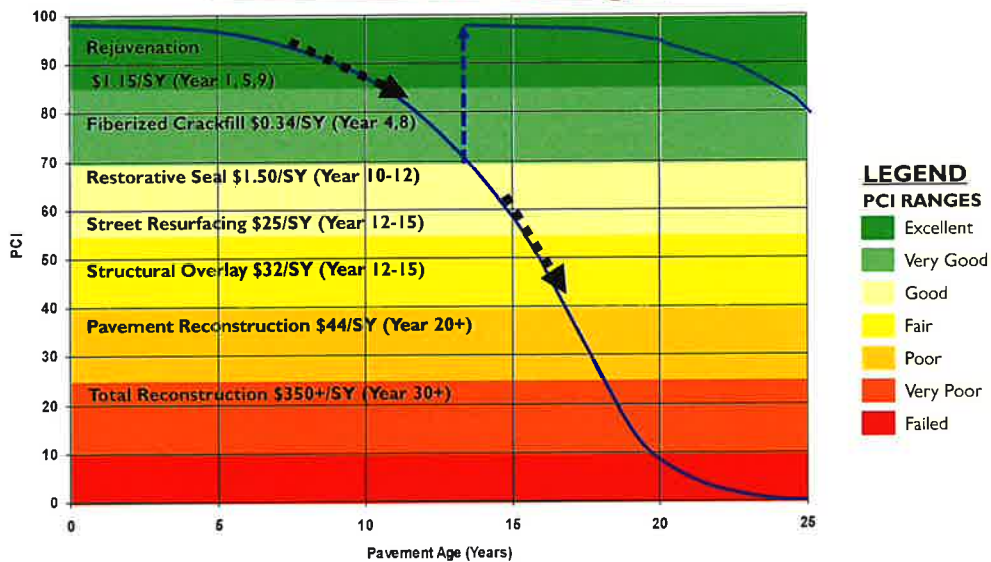


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Average Pavement Condition Index (PCI) 2023 Results – 85.8



Pavement Condition Deterioration Curve & Maintenance Strategies



Transportation Projects

CIP Projects By Fund (\$000)	Fund	FY25 Planned
Roadway System:		
Flexible Pavement Program	CPF	3,220
Crackfilling Program	MFT	100
Pavement Preventative Maintenance Program	CPF	500
Kuhn Road - Lies Road to Army Trail Road	CPF	720
Old Gary Avenue Reconstruction Design Engineering	CPF	170
Fullerton Ave. LAFO and sidewalk Design Engineering (\$750,000 Grant)*	CPF	125
Southeast Bike Path (\$1,194,160 Grant)*	CPF	360
Klein Creek Trail - Kuhn to Thunderbird	CPF	130
Roadway System Subtotal:		5,325
Roadway CPF Total:		5,225
MFT Total:		100
RIB Total:		-

* Village proportionate share of grant funded project

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Flexible Pavement Project Historical Values



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Kuhn Road Rehabilitation (Lies Rd. to Army Trail Rd.)



Capital Projects Fund– \$720,000

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Crackfilling Pavement Preventative Maintenance



Crackfill Project – Motor Fuel Tax Fund – \$100,000
Pavement Preventative Maintenance – Capital Projects Fund – \$500,000

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Old Gary Avenue Reconstruction



Design Engineering – Capital Projects Fund – \$170,000
 Construction – Rebuild Illinois Bond Fund – \$941,000
 Construction – Motor Fuel Tax Fund – \$559,000
 RIB Funds must be obligated by July 1, 2025

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Federally Funded Road Projects Fullerton Avenue LAFO and Sidewalk



Project Phase	Total Cost	Federal Grant	State Grant	Local Match
Design Engineering Phase 1	\$ -	\$ -	\$ -	\$ -
Design Engineering Phase 2	\$ 150,000.00	\$ -	\$ -	\$ 150,000.00
Right of Way	\$ -	\$ -	\$ -	\$ -
Construction Cost	\$ 1,500,000.00	\$ 750,000.00	\$ -	\$ 750,000.00
Construction Engineering	\$ 50,000.00	\$ -	\$ -	\$ 50,000.00
	\$ 1,700,000.00	\$ 750,000.00	\$ -	\$ 950,000.00
				56%

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Federally Funded Bike Trail Projects Southeast Trail



Project Phase	Total Cost	Federal Grant	State Grant	Local Match
Design Engineering Phase 1	\$ -			
Design Engineering Phase 2	\$ 290,371.00	\$ 232,297.00	\$ -	\$ 58,074.00
Right of Way	\$ 558,600.00	\$ 350,903.00	\$ -	\$ 207,697.00
Construction Cost	\$ 1,734,400.00	\$ 1,174,920.00	\$ 19,240.00	\$ 540,240.00
Construction Engineering	\$ 209,000.00	\$ 167,200.00	\$ 20,900.00	\$ 20,900.00
	\$ 2,792,371.00	\$ 1,925,320.00	\$ 40,140.00	\$ 826,911.00
				30%

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Klein Creek Trail

Capital Projects Fund – \$130,000

- Install Bridge
- Landscaping along Thunderbird Extension



KUHN RD



Pedestrian Crosswalk



Replace Existing Bridge w/ New Pedestrian-style Bridge Above the Flood Elevation



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CAPITAL IMPROVEMENT PROGRAM

FUTURE FY26-29 TRANSPORTATION PROJECTS

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Transportation Projects

CIP Projects By Fund (\$000)	Fund	FY26 Planned	FY27 Planned	FY28 Planned	FY29 Planned
<u>Roadway System:</u>					
Flexible Pavement Program	MFT	3,500	-	3,500	-
Crackfilling Program	MFT	100	100	100	100
Flexible Pavement Program	CPF	20	3,820	20	4,020
Pavement Preventative Maintenance Program	CPF	500	500	500	500
Fullerton Ave. LAFO and sidewalk (\$750,000 Grant)*	CPF	900	-	-	-
Southeast Bike Path (\$1,194,160 Grant)*	CPF	522	-	-	-
Old Gary Ave. Reconstruction	RIB	941	-	-	-
Old Gary Ave. Reconstruction	MFT	559	-	-	-
Lies Rd. LAFO & Trl Paving-Kuhn-Gary (\$903,000 Grant)*	CPF	200	1,000	-	-
Kehoe & Kimberly Sidewalk (\$856,250 Grant)*	CPF	325	350	-	-
St. Charles Road Sidewalk (\$1,058,484 requested funding)**	CPF	-	280	353	-
Morton Road Recon & Path (\$2,497,589 requested funding)**	CPF	-	-	636	971
Streetlight Replacement Program - Lies Road (Gary-Schmale)	CPF	-	-	460	-
Roadway System Subtotal:		7,567	6,050	5,569	5,591

* Village proportionate share of grant funded project

** Village portion based on DMMC recommendation of award

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CAPITAL IMPROVEMENT PROGRAM

PROPOSED FY25 STORM WATER PROJECTS

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Storm Water Projects

CIP Projects By Fund (\$000)	Fund	FY25 Planned	
1. Roadway Drainage Improvements	CPF	225	ANNUAL
2. Public Detention Basin Rehabilitations	CPF	100	
3. Klein Creek Section I Stream Bank Stabilization*	CPF	360	SUBSTANTIALLY COMPLETED
4. Klein Creek Section III Stream Bank Stabilization*	CPF	2,750	UNDER CONSTRUCTION
5. Klein Creek Section II Stream Bank Stabilization	CPF	200	DESIGN
6. Klein Creek Section IV (Trib 2) Stream Bank Stabilization	CPF	100	
8. Real-Time Control Stormwater - Klein Creek	CPF	150	PILOT STUDY
Stormwater Utilities Subtotal:		3,885	

*Partially funded through **IEPA**, DRSCW and **ARPA** grants

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Roadway Drainage Improvements & Underdrain

Fund	FY25 Planned
CPF	225

SAND CREEK DRIVE

Use GIS to Map & Monitor Locations with Icing

Design & Construct the Underdrain

Map the Sump Pumps

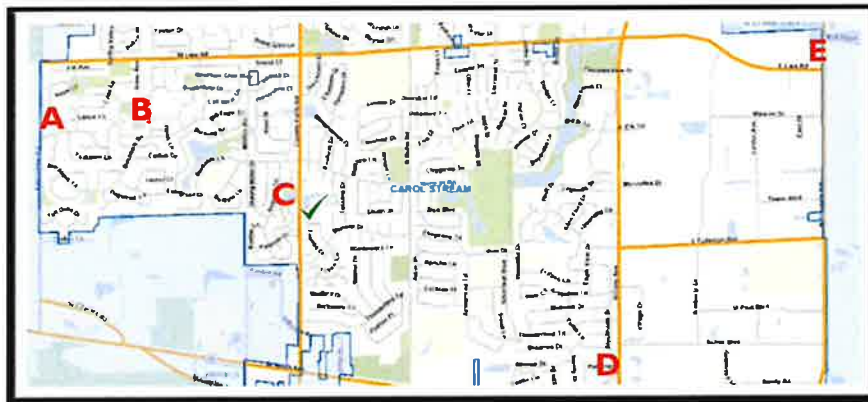
Good morning Greg, I just wanted to say once again Thank You!! After all the snow and polar vortex and now the melting, we have a clear driveway apron and no Sand Creek Drive Skating Rink. Happy New Year and Thank You once more!

Public Detention Basin Rehabilitations

Fund	FY25 Planned
CPF	100

- A. Rolling Oaks
- B. Tedrahn Park
- C. Shining Waters
- D. Park Hill of Quail Run
- E. Carol Point Northeast

The Park Unit 4



Klein Creek Streambank Stabilization – Section I



FY25	
Fund	Planned
CPF	360

+ 2.7 Million Gallons
(~7% of Armstrong Park
Flood Control Reservoir)

Major Activities:

Remove the Bridge

Supplemental Plugs
(if needed)

Year 2 (of 3)
Native Plant
Establishment

Seed the Stockpile
(Native Grasses)

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Klein Creek Streambank Stabilization – Section III



FY25	
Fund	Planned
CPF	2,750

Construction Contract
\$2,270,000

IEPA 319h (22%)
\$500,000

DuPage ARPA (33%)
\$750,000

DuPage WQIP (4%)
\$100,000

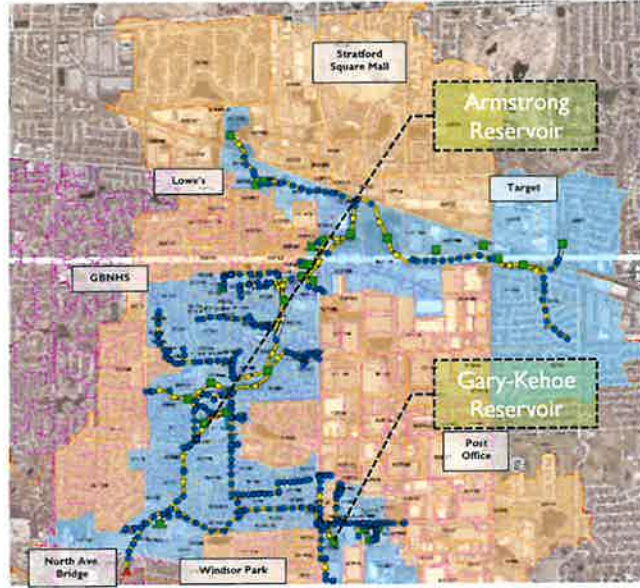
Village (41%)
\$920,000

Park District (100%)
\$185,000

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Real-Time Control – Klein Creek

FY25	
Fund	Planned
CPF	150



03/31/2021

U.S. Army Corps – \$125,000 Grant
Floodplain Management Study

Model will eventually include...
 > 50 Detention Basins
 ~ 5 Miles of Klein Creek
 > 1 Mile of Storm Sewers
 + 2 DuPage County Reservoirs

FY25 will fund procurement of...
 3rd Party Proprietary Engineering to:

- Analyze Past Rain Events
- Optimize Detention Pond Releases
- Identify the Critical Detention Ponds
- Pilot Test 1 Critical Detention Pond

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CAPITAL IMPROVEMENT PROGRAM

FUTURE FY26-29 STORM WATER PROJECTS

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Storm Water Projects

- Design Sections II & IV this FY25 --- Decide which is more feasible to construct first.
- Continue to apply for grants from the IEPA, as there will NOT be more funding from the DRSCW nor ARPA.

CIP Projects By Fund (\$000)	Fund		FY26 Planned	FY27 Planned	FY28 Planned	FY29 Planned
Stormwater Utilities:						
1. Roadway Drainage Improvements	CPF	ONGOING	225	225	225	225
2. Public Detention Basin Rehabilitations	CPF	ONGOING	100	100	100	100
3. Klein Creek Section I Stream Bank Stabilization*	CPF		168	----> OPERATING FUND (MAINTENANCE)		
4. Klein Creek Section III Stream Bank Stabilization*	CPF		32	32		
5. Klein Creek Section II Stream Bank Stabilization	CPF		3,000	60	60	-
6. Klein Creek Section IV (Trib 2) Stream Bank Stabilization	CPF		50	2,000	60	60
7. Kehoe Blvd. Section II Stream Bank Stabilization	CPF		-	-	75	750
8. Real-Time Control Stormwater - Klein Creek	CPF	PILOT PROGRAM	100	100	100	100
9. Southeast Stormwater Study & Improvements	CPF		-	120	100	100
10. Condition Assessment of Storm Sewer System	CPF	CONTRACT	200	200	200	200
Stormwater Utilities Subtotal:			3,875	2,837	920	1,535

*Partially funded through IEPA, DRSCW and ARPA grants

Winfield Creek Watershed (Main & Gundersen, Home Depot, Community Park, etc).
Review feasibility of Real-Time Control and seek grant sources to fund the study and implementation.

CAPITAL IMPROVEMENT PROGRAM

PROPOSED FY25-29 FACILITIES PROJECTS

Public Works Center Improvements

FY25 projected expense: \$1,900,000

- Construct upgrades/improvements in PWC buildings:
 - Update interior of Administrative bldg.
 - Rehabilitation of 2 locker rooms, lunchroom and kitchen
 - Flooring replacement (asbestos is present under tile flooring)
 - Painting and ceiling tile replacement
 - Air quality and major HVAC improvements

FY27 projected expense: \$175,000

- PWC Water/Sewer/Mechanic building - siding replacement

Year 3 Construction



Major Focus:

- Locker rooms
- Kitchen/lunchroom
- Interior treatments:
flooring, painting,
ceilings

Town Center Electrical Design

FY25 - \$50,000 for analysis and design
FY26 - \$800,000 for construction



Highway Welcome Signs



A budget of \$150,000 has been included to replace these entry signs



Next Steps / Key Dates

- **Wednesday, March 20, 2024**
Distribution of draft FY25 Budget and FY25-FY27 Financial Plan to the Village Board and availability for public review.
- **Monday, April 1, 2024**
6:00 pm Regular Village Board Meeting
 - **Budget Public Hearing**
 - **Budget Adoption**
- **Wednesday, May 1, 2024 New Budget Year**