

SPECIAL WORKSHOP MEETING OF THE MAYOR AND BOARD OF TRUSTEES
Gregory J. Bielawski Municipal Center, 500 N. Gary Avenue,
Carol Stream, DuPage County, IL

March 7, 2022

Mayor Pro Tem Matt McCarthy called the Special Workshop Meeting of the Board of Trustees to order at 6:44pm and requested that Village Clerk Julia Schwarze call the roll.

Present: Trustees Jeff Berger, Tom Garvey, John Zalak, Rick Gieser, Mary Frusolone and Matt McCarthy, Village Clerk Julia Schwarze

Absent: Mayor Frank Saverino, Sr.

Also Present: Village Manager Bob Mellor, Assistant Village Manager Joe Carey, Assistant to the Village Manager Tia Messino, Finance Director Jon Batek, Public Works Director Phil Modaff, Community Development Director Don Bastian, Engineering Services Director Bill Cleveland, Assistant Engineering Services Director Adam Frederick, Civil/Stormwater Engineer Greg Ulreich, Chief of Police Bill Holmer, Human Resources Director Caryl Rebholz, Information Technology Director Marc Talavera, Deputy Chief John Jungers and Deputy Chief Don Cummings.

FY 23-27 Budget Workshop – Capital Improvement Program

Director of Engineering Services Bill Cleveland led the Village Board and staff in a discussion of the proposed five (5) year Capital Improvement Program.

Attached is the PowerPoint presentation with corresponding details used to guide the meeting.

At 8:20 p.m., Trustee Frusolone moved and Trustee Zalak made the second to adjourn the meeting. The results of the roll call vote were as follows:

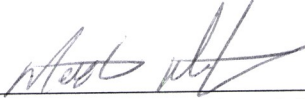
Ayes: 6 Trustees Berger, Garvey, Zalak, Gieser, Frusolone and McCarthy

Nays: 0

Absent: 0

The motion passed.

FOR THE BOARD OF TRUSTEES



Matthew McCarthy, Mayor Pro Tem

ATTEST:



Julia Schwarze, Village Clerk

Minutes approved by the President and Board of Trustees on this

21st day of March, 2022.



Village Clerk

Village of Carol Stream

BUDGET WORKSHOP #3 FY23-27 CAPITAL IMPROVEMENT PROGRAM

March 7, 2022

FY23-27 CIP Overview

5 Year CIP Revenues

	FY23	FY24	FY25	FY26	FY27	5 Year Average
CIP Operating Revenues*	\$5,971,000	\$5,839,000	\$5,807,000	\$5,850,000	\$5,867,000	\$5,866,800
CIP Grant Revenues	3,080,782	857,743	2,030,667	-	1,578,000	1,509,438
Total CIP Revenues	\$9,051,782	\$6,696,743	\$7,837,667	\$5,850,000	\$7,445,000	\$7,376,238

* Electricity Utility Tax
Telecommunications Tax
Real Estate Transfer Tax
Local Motor Fuel Tax
State Motor Fuel Tax

Grants make up 20% of all income sources.

AGENDA

- FY23-27 CIP and Financial Overview – Jon Batek
- Inventory and Grant Summary – Bill Cleveland
- Roadway System – Adam Frederick
 - FY22 Completed Projects
 - FY23-27 Proposed Program
- Stormwater System – Greg Ulreich
 - FY22 Completed Projects
 - FY23-27 Proposed Program
- Village Facilities – Bill Cleveland & Phil Modaff
 - FY22 Completed Projects
 - FY23-27 Proposed Program

FY23-27 Financial Overview

Total Projected Revenues, Expenditures and Reserves – 5 Year CIP

	Revenues	Expenditures	Difference	Proj Reserve Balance
FY22 Est	\$11,136,169	\$4,818,923	\$6,317,246	\$24,350,991
FY23	\$10,051,782	\$12,944,000	\$(2,892,218)	\$21,458,773
FY24	6,696,743	10,485,000	(3,788,257)	17,670,516
FY25	7,837,667	11,527,500	(3,689,833)	13,980,683
FY26	5,850,000	7,544,000	(1,694,000)	12,286,683
FY27	7,445,000	6,021,000	1,424,000	13,710,683
5 Year	\$37,881,192	\$48,521,500	\$(10,640,308)	

Includes \$4 million surplus transfer from General Fund
Includes \$1 million budgeted General Fund surplus

FY23-27 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.

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

INFRASTRUCTURE INVENTORY

Current infrastructure constructed over the past 60+ years since the late 1950's has a total worth of about \$407M.

- \$271M in Facilities, Transportation, and Stormwater (2/3 of total)
 - \$179M in Transportation (2/3 of the CIP)
 - \$92M in Facilities and Stormwater (1/3 CIP)
- \$136M in Water and Sanitary (1/3 of total) to be discussed at next workshop
 - \$91M in Watermain (2/3 of W&S)
 - \$45M in Sanitary Sewer (1/3 W&S)

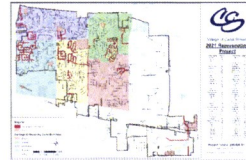
GRANT HISTORY AND CURRENT FUNDING

- Since 1999, the Village has obtained over \$15 million for infrastructure grants including bridges, traffic signals, roads, bike trails, street lights...and recently stormwater (streambank stabilization and water quality improvements)
- In the current five year CIP plan, there is over \$7.5 million in various grants from the following programs;
 - Surface Transportation Program Urban (STU)
 - Illinois Transportation Enhancement Program (ITEP)
 - Congestion Mitigation and Air Quality Program (CMAP)
 - Illinois Environmental Protection Agency - Section 319 (IEPA)
 - DuPage River Salt Creek Workgroup (DRSCW)
 - DuPage County Water Quality Improvement Program (WQIP)
 - DuPage County ARPA Stormwater Funding (potential)

Preventative Pavement Maintenance Asphalt Rejuvenation Project



- 91 Streets
- 276,440 SQ YD of Pavement
- Cost \$288,879



FY22 COMPLETED TRANSPORTATION PROJECTS

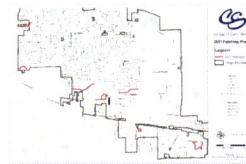
Roadway System	Cost
Pavement Preventative Maintenance Program	
Pavement Sealers	\$350K/\$289K
Pavement Patching	\$100K/\$68K
Fiberized Crackfill (MFT)	\$75K/\$67K
Pavement Marking	\$50K/\$34K
Flexible Pavement Program (MFT)	\$2.4M/\$1.9M
Lies Road Bike Trail Design*	\$56K/\$67K
Kuhn Bike Trail Design*	\$50K/\$84K
LED Streetlight Replacement*	\$70K/\$52K

* Portion funded by ITEP or ComEd

Preventative Pavement Maintenance Pavement Patching Project



- 11 Streets
- 4 Bike Paths
- Estimated Final Cost \$68,000



FY22 COMPLETED TRANSPORTATION PROJECTS

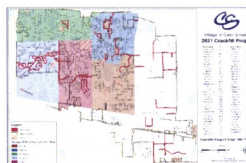
Roadway System	Cost
Fair Oaks Road Culvert/Guardrail/Slope Design*	\$115K/\$136K
Morton Road Reconstruction Design	\$45K

* Funded by Rebuild Illinois Bond Fund

Motor Fuel Tax Funded Crackfill Project



- 70 Streets
- 346,000 SQ YD of Pavement
- Cost \$66,515.80



Preventative Pavement Maintenance Pavement Marking Project

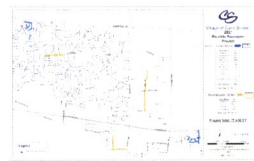


- Bid through Suburban Purchasing Cooperative
- 4 Collector Streets
- 20 Crosswalks
- 10 Parking Lots for Schmale/Geneva/St. Charles Watermain Replacement
 - Additional cost of \$1,165
 - Savings of \$27,628
- Total Cost \$34,193

CAPITAL IMPROVEMENT PROGRAM

PROPOSED FY23 TRANSPORTATION PROJECTS

Motor Fuel Tax Funded Flexible Pavement Project



- 14 Streets Resurfaced
- 4 Streets Reconstructed
- 77,400 SQ YD of Pavement
- Cost \$1,947,354.96

Transportation Projects

Cost Fund

• Flexible Pavement Project	\$2.6M	CPF
• Asphalt Crackfilling	\$75K	MFT
• Pavement Maintenance (Sealers, Striping and Patching)	\$500K	CPF
• Pavement Condition Index Study	\$50K	CPF
Grant Funded Bike Trail Projects*		
• Kuhn Road (Army Tr. to Lies Rd.)	\$480K	CPF
• Lies Road (Gary Ave. to Schmale Rd.)	\$6K	CPF
• Southeast Trail (Schmale/Gundersen/President)	\$160K	CPF
• Fair Oaks Road Culvert/Guardrail/Slope Stabilization	\$494K	RIB
• Morton Road Recon. (St. Charles Rd. to North Ave.)	\$513K	RIB
• Klein Creek Trail (Kuhn Rd. to Thunderbird Tr.)	\$50K	CPF
• Lies Road LAFO final payment to IDOT*	\$46K	CPF
• West Branch/Fair Oaks Trail final payment to IDOT*	\$65K	CPF

* Includes revenue/grants from other sources

LED Street Light Replacement Program



Replaced 327 HPS lights with LED
Total Cost of Materials \$46,515
\$24,637 grant from ComEd, bringing cost down to \$21,878

FY23 Flexible Pavement Project



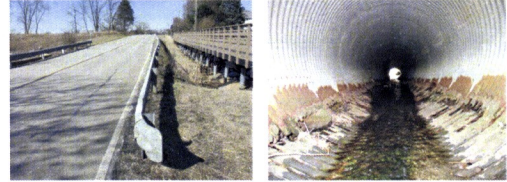
Federally Funded Bike Trail Projects Kuhn Road Trail



Project Phase	Total Cost	Federal Grant	State Grant	Local Match
Design Engineering Phase 1	\$ 61,475.00	\$ 49,180.00		\$ 12,295.00
Design Engineering Phase 2	\$ 114,215.00	\$ 91,372.00		\$ 22,843.00
Right of Way	\$ 3,400.00	\$ 1,700.00		\$ 1,700.00
Construction Cost	\$ 412,200.00	\$ 311,160.00	\$ 4,520.00	\$ 96,520.00
Construction Engineering	\$ 61,800.00	\$ 49,440.00	\$ 6,180.00	\$ 6,180.00
	\$ 653,090.00	\$ 502,852.00	\$ 10,700.00	\$ 139,538.00

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Fair Oaks Road Culvert/Guardrail/Slope Stabilization



Rebuild Illinois Bond Funded – Design Phase – \$136,222
Rebuild Illinois Bond Funded – Construction Phase – \$494,000

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Federally Funded Bike Trail Projects Lies Road Trail



Project Phase	Total Cost	Federal Grant	State Grant	Local Match
Design Engineering Phase 1	\$ 80,500.00	\$ 64,400.00		\$ 16,100.00
Design Engineering Phase 2	\$ 122,988.00	\$ 98,390.00		\$ 24,598.00
Construction Cost	\$ 578,600.00	\$ 437,480.00	\$ 6,560.00	\$ 134,560.00
Construction Engineering	\$ 86,700.00	\$ 69,360.00	\$ 8,670.00	\$ 8,670.00
	\$ 868,788.00	\$ 669,630.00	\$ 15,230.00	\$ 183,928.00

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Morton Road Reconstruction



Capital Projects Fund – Design Phase – \$45,163
Rebuild Illinois Bond Funded – Construction Phase – \$513,000

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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	\$ 290,371.00	\$ 232,297.00		\$ 58,074.00
Design Engineering Phase 2	\$ 459,700.00	\$ 350,903.00		\$ 108,797.00
Right of Way	\$ 1,734,400.00	\$ 1,174,520.00	\$ 19,240.00	\$ 540,240.00
Construction Cost	\$ 209,000.00	\$ 167,200.00	\$ 20,900.00	\$ 20,900.00
Construction Engineering	\$ 2,693,471.00	\$ 1,925,320.00	\$ 40,140.00	\$ 728,011.00

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Klein Creek Trail



Capital Projects Fund – Design Phase – \$50,000

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CAPITAL IMPROVEMENT PROGRAM

FUTURE FY24-27 TRANSPORTATION PROJECTS

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FY 22 COMPLETED STORMWATER PROJECTS

Stormwater Improvements	Cost
Roadway Drainage Improvements & Underdrain	\$225K/\$110K
Kehoe Blvd. Streambank Stabilization (23%)*	\$35 K
Klein Creek Streambank Stabilization – Section I (DESIGN)	\$100K/\$142K
Klein Creek Streambank Stabilization – Section III (DESIGN)(50%)*	\$50K/\$113K
Fullerton/Kimberly Drainage Study	\$60K/\$93K
The Park Unit I Detention Basin Retrofit (25%)*	\$2 K
Public Detention Basin Rehabilitation (STUDY)	\$150K/\$23K
The Park Unit 4 – Restrictor Rehabilitation	\$55K

*Partially grant funded by DuPage County WQIP or IEPA

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Transportation Projects

	Fund	FY24	FY25	FY26	FY27
• Flexible Pavement and Crackfilling Projects	MFT	\$2.6M	\$75K	\$2.6M	\$75K
• Flexible Pavement Project (non-MFT)	CPF		\$2.0M		\$2.5M
• Pavement Maint. (Sealers, Patching, Striping)	CPF	\$500K	\$500K	\$500K	\$500K
• Proposed Trails with Grant Funding					
• Lies Road Trail (Gary Ave to Schmale Rd)*	CPF	\$730K			
• Southeast Trail (Schmale/Gundersen/President)*	CPF	\$460K	\$1.9M		
• Industrial Sidewalk (Kehoe & Kimberly)**	CPF			\$230K	\$904K

* STU and ITEP Funding

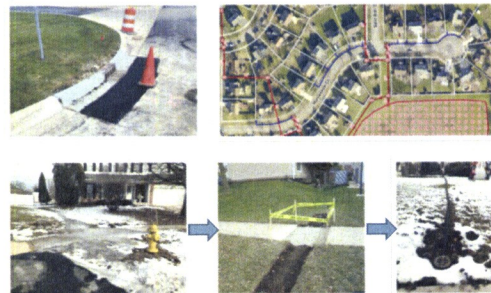
**STU Grant Funding requested for 50%

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Roadway Drainage Improvements & Underdrain

36 Structures Repaired

12 Sump Pump Connections



Transportation Projects

	Fund	FY24	FY25	FY26	FY27
• Fair Oaks Rd (Army Tr to Plum Grove Ct)	RIB	\$520K			
• Old Gary Avenue Reconstruction	RIB		\$77K	\$864K	
• Fullerton Ave (Gary Ave to Schmale Rd)*	CPF	\$150K	\$1.4M		
• Kuhn Rd (Lies Rd to Army Trail Rd)	CPF			\$800K	
• LED Streetlight Replacement Program	CPF	\$400K			
• Lies Rd (Kuhn Rd to Gary Ave)**	CPF			\$65K	\$1.3M

* Surface Transportation Program 50% Funded

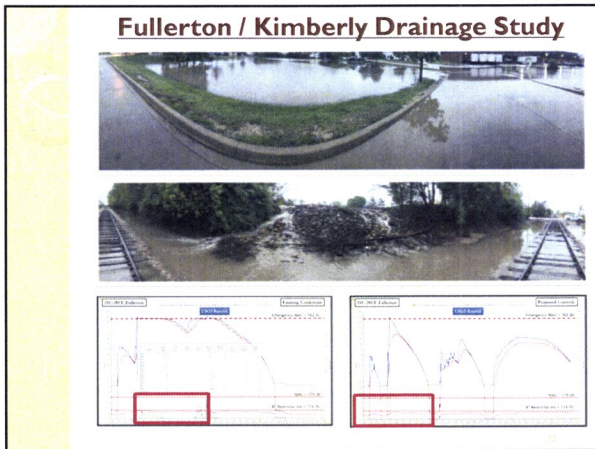
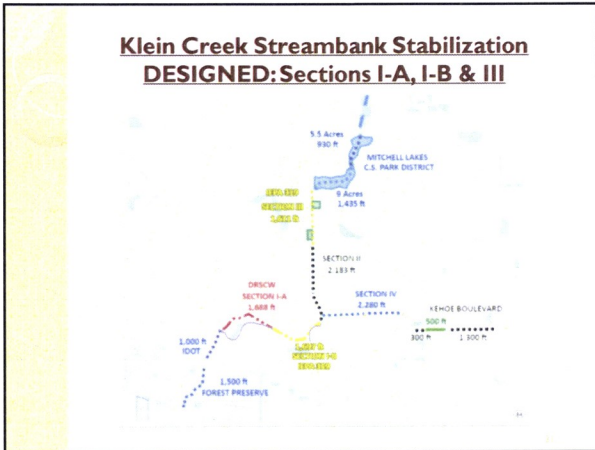
** Surface Transportation Program Requested at 50%

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Kehoe Boulevard Streambank Stabilization



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CAPITAL IMPROVEMENT PROGRAM

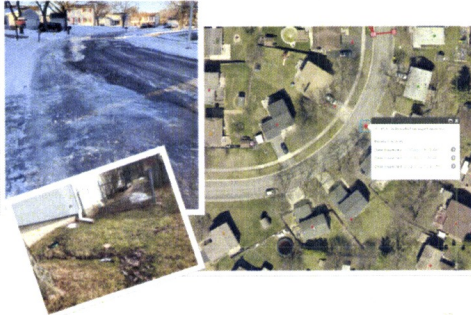
PROPOSED FY23 STORM WATER PROJECTS



Stormwater Projects	Cost	Fund
Roadway Drainage Improvements	\$225 K	CPF
Kehoe Boulevard Streambank Stabilization – Section I	\$5 K	CPF
Klein Creek Streambank Stabilization – Section I *	\$3,180 K	CPF
Klein Creek Streambank Stabilization – Section III **	\$2,000 K	CPF
Public Detention Basin Rehabilitations	\$100 K	CPF

* Includes costs eligible for reimbursement from IEPA, DRSCW, & WQIP
 ** Includes costs eligible for reimbursement from IEPA

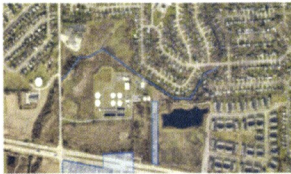
Roadway Drainage Improvements & Underdrain



CAPITAL IMPROVEMENT PROGRAM

FUTURE FY24-27 STORM WATER PROJECTS

Klein Creek Streambank Stabilization Sections I and III



Section III:
Mitchell Lakes to Illini Dr
 Construction Award: ~ June 2022
 IEPA 319h \$500,000



Section I: Kuhn Road to Thunderbird Trail
 Construction Award: ~ May 2022
 DRSCW \$1,100,000
 IEPA 319h \$500,000
 DuPage WQIP \$125,000

Stormwater Projects

	Fund	FY24	FY25	FY26	FY27
• Roadway Drainage Improvements	CPF	\$225K	\$225K	\$225K	\$255K
• Public Detention Basin Rehabilitations	CPF	\$100K	\$100K	\$100K	\$100K
• Kehoe Blvd Streambank Stabilization Section II (Design)	CPF	---	---	---	\$112K
• Klein Creek Streambank Stabilization Section I (Construction) *	CPF	\$500K	\$60K	\$60K	+++
• Klein Creek Streambank Stabilization Section II (Design & Construction) ***	CPF	\$100K	\$3.0M	\$60K	\$60K
• Klein Creek Streambank Stabilization Section III (Construction) **	CPF	\$500K	\$60K	\$60K	+++
• Klein Creek Streambank Stabilization Section IV (Design & Construction) ***	CPF	\$100K	---	\$2.0M	\$60K

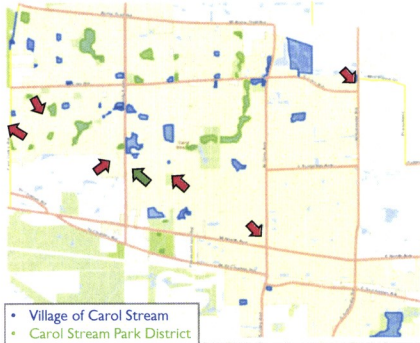
* Includes costs eligible for reimbursement from IEPA, DRSCW, & DuPage County

** Includes costs eligible for reimbursement from IEPA

*** Homeowner contribution (~5%) to be re-evaluated by Staff & Board of Trustees

+++ Future maintenance costs of native landscape will come from General Fund

Public Detention Basin Rehabilitation



FY 22 COMPLETED FACILITY PROJECTS

• PWC Entry Security Improvements & Rear Gate	\$177K - \$172 K
• Municipal Center Training Room and EOC	\$285K - \$217 K
• Town Center Lighting Improvements	\$310K - \$290 K
• PWC Facility Space Optimization Study	\$310K - \$125 K

Public Works Security, Gate and Yard Improvements



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CAPITAL IMPROVEMENT PROGRAM

PROPOSED FY23 FACILITIES PROJECTS

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Municipal Center Training Room (EOC)



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Facility Projects

Cost Fund

- | | | |
|---|---------|-----|
| • Police Security & Functional Improvements | \$615 K | CPF |
| • Public Works Facility Improvements | \$1.0 M | CPF |
| • Fountain Electrical Changes and Water Sealing | \$770 K | CPF |

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Town Center Lighting Repairs and Replacements



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Police Parking Lot Security



\$165,000 for front and rear gates

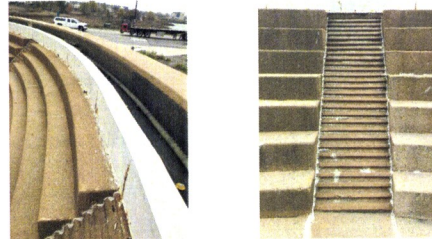
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Police Department Functional Improvements



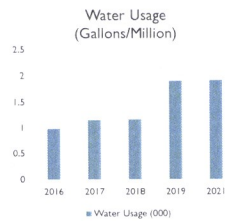
\$450,000 to relocate interview rooms and create more functional office space

Town Center Fountain



Town Center Fountain

- \$750,000 Budgeted for Fountain Repairs
 - Includes Moving electrical equipment above ground
- Significant water loss in basin and concrete steps
- Electrical and pump/motor replacement



Public Works Center Improvements

- Space Optimization Study Completed Fall 2021 with two-prong focus:
 1. Resolve site issues
 - Drainage/runoff
 - Deteriorated and undersized material storage bins
 - Spoil storage area undersized and ill-configured (excavation debris, street sweeping, catch-basin cleaning)
 - Reconfigure space for better and safer loading/unloading operations
 - Provide adequate space for Police impound needs

Town Center Fountain



Public Works Center Improvements

- Space Optimization Study Completed Fall 2021 with two-prong focus:
 2. Update and improve buildings
 - Address immediate needs (windows/doors, garage floor drain)
 - Mechanical systems (lighting, HVAC, electrical, plumbing)
 - Interiors (flooring, storage, lunchroom, locker rooms)
 - Air quality issues (update garage venting and protection for administrative areas from fleet maintenance operations)

NOTE: Need for replacement of generator that serves east side water pump station and supports PWC facilities became apparent following completion of this report

Public Works Center Improvements

Multi-year Plan = \$6.3 million

Year 1 = \$1 million

Construct

- Windows & doors on administrative bldg. and garages
- Replace south garage floor drain
- Miscellaneous (minor plumbing, LED light conversion, minor HVAC)
- Replace generator

Plan

- Plans/specifications/bidding for exterior improvements at PWC (construct FY24)
- Plans, specifications and bidding for improvements at off-site location (WRC chip pile) to accommodate Public Works spoil storage and Police impound needs (construct FY24)

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Public Works Center Improvements

Multi-year Plan = \$6.3 million

Year 2 = \$3.1 million

- Construct improvements at WRC chip pile site:
 - Covered, paved storage area for spoils from PW operations
 - Paved storage area for Police impound needs (+small storage shed)
- Construct exterior improvements at Public Works Center
 - Stormwater improvements
 - Demolish/relocate material storage bins
 - Reconfigure storage yard
 - Install material storage racking systems
 - Front gate security improvements
- Plan/design interior improvements (construction FY25)

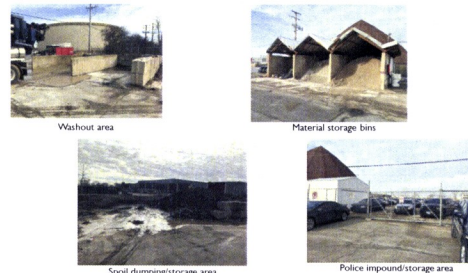
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Year 1 Construction



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Year 2 Construction



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Year 1 Planning



Public Works Center

WRC Wood Chip Pile Site (SE corner of property ~1.5 acres)

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Public Works Center Improvements

Multi-year Plan = \$6.3 million

Year 3 = \$1.95 million

- Construct upgrades/improvements in PWC buildings:
 - Update interior of Administrative bldg.
 - Rehabilitation of two locker rooms
 - Rehabilitation of lunchroom/kitchen space
 - Replacement of all flooring (asbestos is present under tile flooring)
 - Painting
 - Air quality and major HVAC improvements

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Year 3 Construction



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

CAPITAL IMPROVEMENT PROGRAM

FUTURE FY24-27 FACILITIES PROJECTS

Facilities Projects	Fund	FY24	FY25	FY26	FY27
• Public Works Facility Improvements	CPF	\$3.1M	\$1.95M		\$175K
• Town Center Space Study	CPF	\$10K			