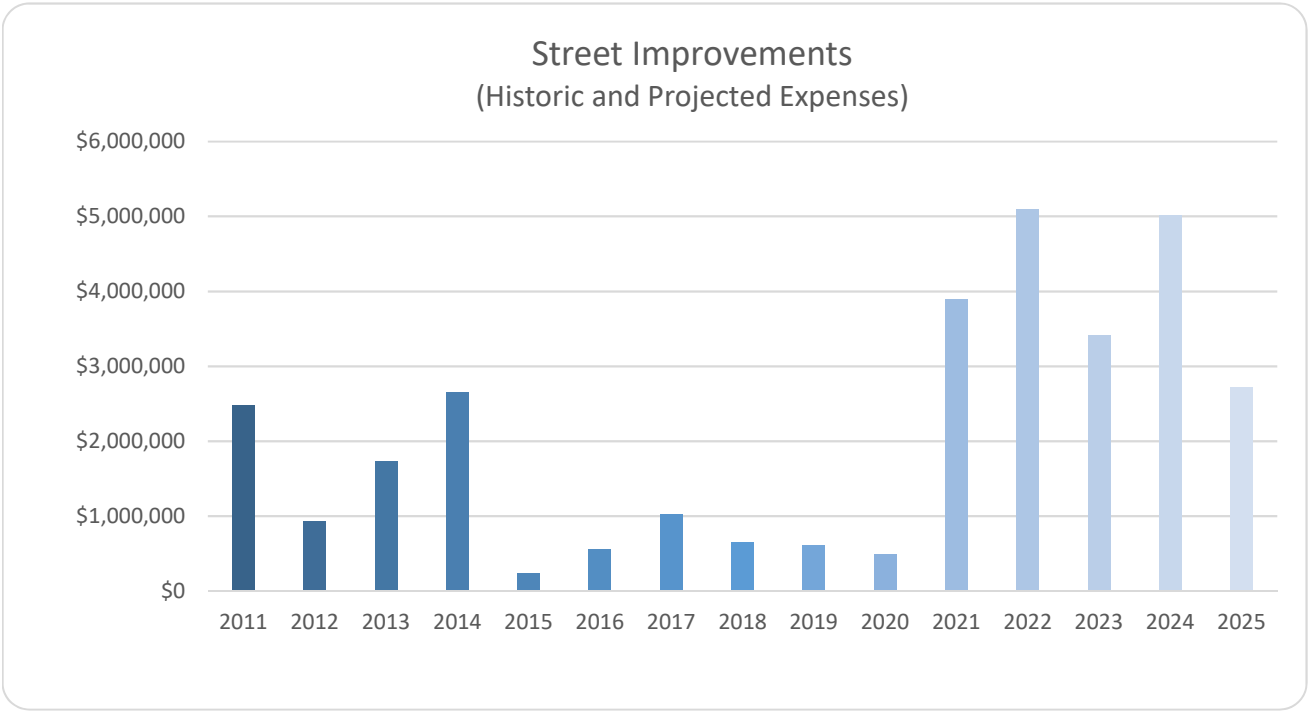
Street Improvements

The Village owns and maintains 45 miles of streets. Maintaining these streets, alleyways, and right of way improvements is the Village's responsibility. Projects in this category include annual dollars to address maintenance concerns and grant matching dollars to complete the Village's Route 14 Underpass project. Annual maintenance work within this category is necessary to maintain the facilities the Village currently owns and operates. Investment in annual roadwork allows the Village to proactively address maintenance issues before they become more substantial roadway reconstruction projects. Street improvements are coordinated with utility repairs and replacements to ensure that Village dollars are best leveraged to complete all necessary improvements as part of a single project.



Financial Impact

	2011	2012	2013	2014	2015	
Historical	$2,476,143	$935,884	$1,738,695	$2,656,550	$237,246	
	2016	**2017**	**2018**	**2019**	**2020**	**Historical**
Historical	$560,352	$1,020,515	$657,563	$608,390	$492,804	$11,384,142
	2021	**2022**	**2023**	**2024**	**2025**	**Short Term**
5-Year	$3,889,000	$5,094,000	$3,419,000	$5,019,000	$2,719,000	$20,140,000

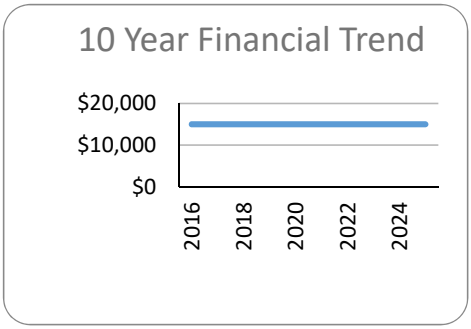
Annual Curb Maintenance

Project Category	Street Improvements
Useful Life	30 Years
Project Type	Maintenance
User Department	PW
Coordinator	PW
Current Budget	
Initial Proposal Date	N/A
Design Work	N/A
Project Work	2020
Reoccurance	Yearly
Fund	Street Improvements
Account(s)	20-650

Location Village Right-of-Way

Issue Village curbs require recurring maintenance.

Solution Village curbs and gutters are assessed annually and evaluated for necessary maintenance improvements.



Financial Impact

	2016	2017	2018	2019	2020	Historical
Historical	$15,000	$15,000	$15,000	$15,000	$15,000	$75,000
	2021	**2022**	**2023**	**2024**	**2025**	**Short Term**
Short Term	$15,000	$15,000	$15,000	$15,000	$15,000	$75,000
	Year 6-10	**Year 11-15**	**Year 16-20**	**Long Term**	**Short Term**	**Total 20 Year**
Long Term	$75,000	$75,000	$75,000	$225,000	$75,000	$300,000

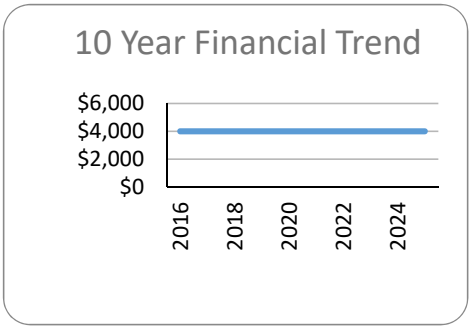
Annual Bridge Inspection and Reporting

Project Category	Street Improvements
Useful Life	N/A
Project Type	Maintenance
User Department	DS
Coordinator	DS
Current Budget	
Initial Proposal Date	N/A
Design Work	N/A
Project Work	N/A
Reoccurance	Yearly
Fund	Street Improvements
Account(s)	20-650

Location Village Right-of-Way

Issue Village bridges require annual inspections and reporting to comply with State requirements.

Solution Village bridges are inspected and assessed annually by a qualified professional consultant.



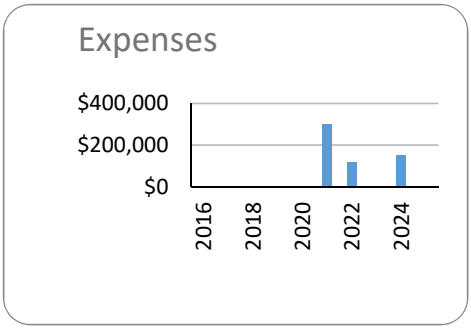
Financial Impact

	2016	2017	2018	2019	2020	Historical
Historical	$4,000	$4,000	$4,000	$4,000	$4,000	$20,000
	2021	2022	2023	2024	2025	Short Term
Short Term	$4,000	$4,000	$4,000	$4,000	$4,000	$20,000
	Year 6-10	Year 11-15	Year 16-20	Long Term	Short Term	Total 20 Year
Long Term	$20,000	$20,000	$20,000	$60,000	$20,000	$80,000

Route 14 Underpass

Project Category	Street Improvements
Useful Life	50 Years
Project Type	Grant
User Department	DS
Coordinator	DS
Current Budget	N/A
Initial Proposal Date	2008
Design Work	2021-2022
Project Work	2022-2024
Reoccurance	N/A
Fund	Various
Account(s)	Street & Utility Accts.

Location	Route 14 @ CN Tracks
Issue	Following acquisition of the EJ&E Line by Canadian National, increased train volume and length pose both safety and transportation issues within the Village. In order to alleviate these issues, a grade separation of Route 14 and the CN tracks is required.
Solution	A TIGER grant was secured to complete the Phase I design for this grade separation in 2014. Following award of a Shared Fund STP Grant in October 2019, Phase II Design and Phase III Construction are scheduled to be substantially completed by the end of 2024. $2,885,000 of these funds are anticipated to be reimbursed through the Shared Fund STP Grant



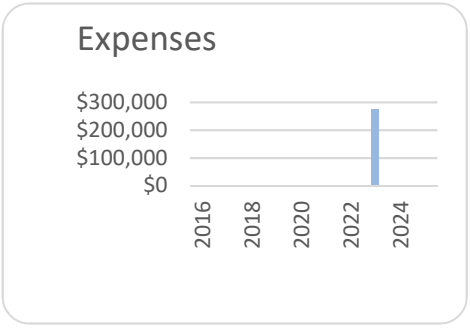
Financial Impact

	2016	2017	2018	2019	2020	Historical
Historical						$0
	2021	**2022**	**2023**	**2024**	**2025**	**Short Term**
Short Term	$300,000	$120,000		$150,000		$570,000
	Year 6-10	**Year 11-15**	**Year 16-20**	**Long Term**	**Short Term**	**Total 20 Year**
Long Term				$0	$570,000	$570,000

Paint Street Lights and Traffic Signals

Project Category	Street Improvements
Useful Life	30 Years
Project Type	Improvement
User Department	PW
Coordinator	PW
Current Budget	
Initial Proposal Date	2020
Design Work	N/A
Project Work	2023
Reoccurance	20 Years
Fund	Street Improvements
Account(s)	20-650

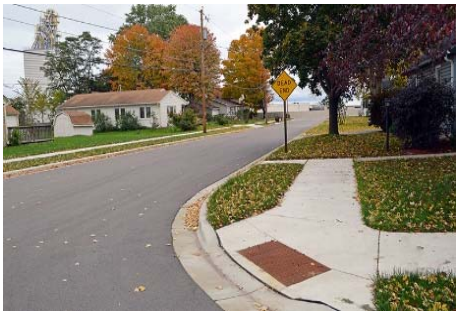
Location	Village Right-of-Way
Issue	While the street lights and traffic signals are in good shape, the paint has begun to deteriorate.
Solution	Paint the street lights and traffic signals with new black paint. This will improve the aesthetics of the Village as well as extend the life of the infrastructure.



Financial Impact

	2016	2017	2018	2019	2020	Historical
Historical						$0
	2021	**2022**	**2023**	**2024**	**2025**	**Short Term**
Short Term			$275,000			$275,000
	Year 6-10	**Year 11-15**	**Year 16-20**	**Long Term**	**Short Term**	**Total 20 Year**
Long Term				$0	$275,000	$275,000

Annual Road Program

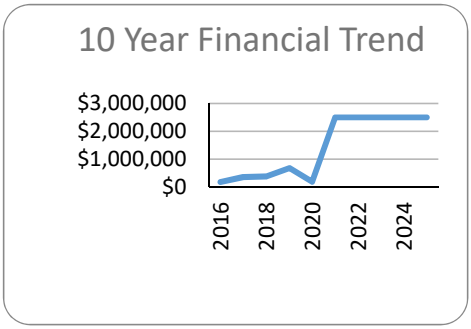


Project Category	Street Improvements
Useful Life	30 Years
Project Type	Improvement
User Department	DS
Coordinator	DS
Current Budget	$180,000
Initial Proposal Date	N/A
Design Work	N/A
Project Work	2020
Reoccurance	Annual
Last Deferred	2019 ($1,700,000)
Last Incurred	2019
Fund	Street Improvements
Account(s)	20-650

Location Village Right-of-Way

Issue Village streets require recurring maintenance.

Solution The annual street maintenance and rehabilitation program is covered in each year's CIP. The Village streets are assessed annually and evaluated for necessary maintenance improvements. In order to successfully maintain all Village streets on a 30 year life cycle, annual maintenance costs for pavement are anticipated at $2.5 Million per year.



Financial Impact

	2016	2017	2018	2019	2020	Historical
Historical	$175,000	$350,000	$370,000	$675,000	$180,000	$1,750,000
	2021	2022	2023	2024	2025	Short Term
Short Term	$2,500,000	$2,500,000	$2,500,000	$2,500,000	$2,500,000	$12,500,000
	Year 6-10	Year 11-15	Year 16-20	Long Term	Short Term	Total 20 Year
Long Term	$12,500,000	$12,500,000	$12,500,000	$37,500,000	$12,500,000	$50,000,000

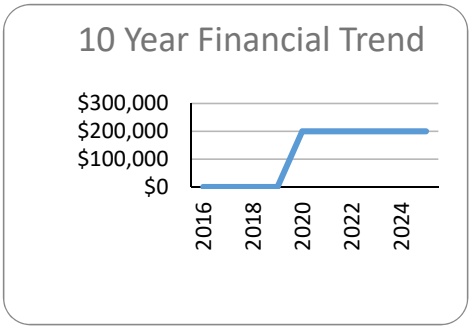
Annual Alley Program

Project Category	Street Improvements
Useful Life	30 Years
Project Type	Improvement
User Department	DS
Coordinator	DS
Current Budget	
Initial Proposal Date	2020
Design Work	N/A
Project Work	2020
Reoccurance	Annual
Fund	Street Improvements
Account(s)	20-650

Location Village Right-of-Way

Issue Village alleys require recurring maintenance.

Solution The annual alley maintenance and rehabilitation program is covered in each year's CIP. Village alleys are assessed annually and evaluated for necessary maintenance improvements.



Financial Impact

	2016	2017	2018	2019	2020	Historical
Historical					$200,000	$200,000
	2021	**2022**	**2023**	**2024**	**2025**	**Short Term**
Short Term	$200,000	$200,000	$200,000	$200,000	$200,000	$1,000,000
	Year 6-10	**Year 11-15**	**Year 16-20**	**Long Term**	**Short Term**	**Total 20 Year**
Long Term	$1,000,000	$1,000,000	$1,000,000	$3,000,000	$1,000,000	$4,000,000

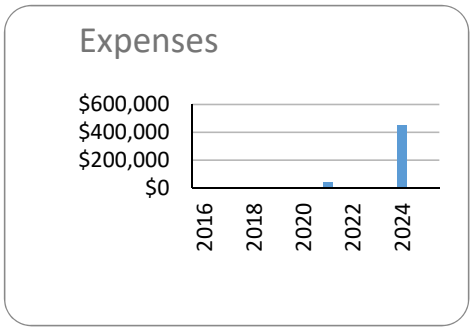
Highland Avenue (Hillside to South Street)

Project Category	Street Improvements
Useful Life	30 Years
Project Type	Improvement
User Department	DS
Coordinator	DS
Current Budget	
Initial Proposal Date	2020
Design Work	2021
Project Work	2024
Reoccurance	30 Years
Fund	Street & Utility
Account(s)	20-650,670 & 50-680,700

Location Village Right-of-Way

Issue Highland Avenue requires utility replacement and roadway reconstruction between Hillside and South Street.

Solution Design and construct utility and roadway improvements for this section of Highland Avenue.



Financial Impact

	2016	2017	2018	2019	2020	Historical
Historical						$0
	2021	**2022**	**2023**	**2024**	**2025**	**Short Term**
Short Term	$40,000			$450,000		$490,000
	Year 6-10	**Year 11-15**	**Year 16-20**	**Long Term**	**Short Term**	**Total 20 Year**
Long Term				$0	$490,000	$490,000

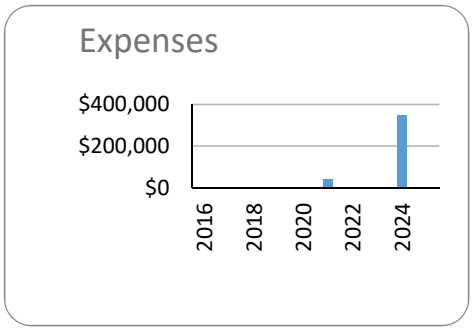
Cook Street (Hillside to Wisconsin)

Project Category	Street Improvements
Useful Life	30 Years
Project Type	Improvement
User Department	DS
Coordinator	DS
Current Budget	
Initial Proposal Date	2020
Design Work	2021
Project Work	2024
Reoccurance	30 Years
Fund	Street & Utility
Account(s)	20-650,670 & 50-680,700

Location Village Right-of-Way

Issue Cook Street requires utility replacement and roadway reconstruction between Hillside and Wisconsin.

Solution Design and construct utility and roadway improvements for this section of Cook Street.



Financial Impact

	2016	2017	2018	2019	2020	Historical
Historical						$0
	2021	**2022**	**2023**	**2024**	**2025**	**Short Term**
Short Term	$40,000			$350,000		$390,000
	Year 6-10	**Year 11-15**	**Year 16-20**	**Long Term**	**Short Term**	**Total 20 Year**
Long Term				$0	$390,000	$390,000

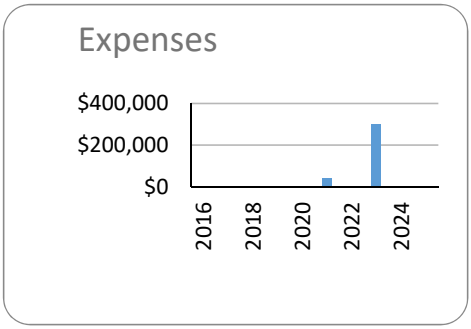
Lincoln Avenue (Lill to Dundee)

Project Category	Street Improvements
Useful Life	30 Years
Project Type	Improvement
User Department	DS
Coordinator	DS
Current Budget	
Initial Proposal Date	2020
Design Work	2021
Project Work	2023
Reoccurance	30 Years
Fund	Street & Utility
Account(s)	20-650,670 & 50-680,700

Location Village Right-of-Way

Issue Lincoln Avenue requires utility replacement and roadway reconstruction between Lill and Dundee.

Solution Design and construct utility and roadway improvements for this section of Lincoln Avenue.



Financial Impact

	2016	2017	2018	2019	2020	Historical
Historical						$0
	2021	2022	2023	2024	2025	Short Term
Short Term	$40,000		$300,000			$340,000
	Year 6-10	Year 11-15	Year 16-20	Long Term	Short Term	Total 20 Year
Long Term				$0	$340,000	$340,000

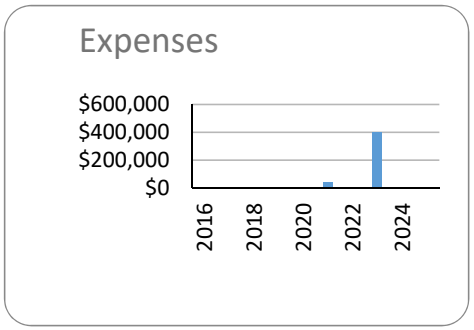
Applebee Street (Main to Harrison)

Project Category	Street Improvements
Useful Life	30 Years
Project Type	Improvement
User Department	DS
Coordinator	DS
Current Budget	
Initial Proposal Date	2020
Design Work	2021
Project Work	2023
Reoccurance	30 Years
Fund	Street & Utility
Account(s)	20-650,670 & 50-680,700

Location Village Right-of-Way

Issue Applebee Street requires utility replacement and roadway reconstruction between Main and Harrison.

Solution Design and construct utility and roadway improvements for this section of Applebee Street.



Financial Impact

	2016	2017	2018	2019	2020	Historical
Historical						$0
	2021	**2022**	**2023**	**2024**	**2025**	**Short Term**
Short Term	$40,000		$400,000			$440,000
	Year 6-10	**Year 11-15**	**Year 16-20**	**Long Term**	**Short Term**	**Total 20 Year**
Long Term				$0	$440,000	$440,000

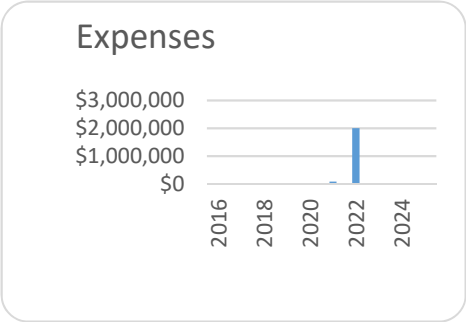
Grove Avenue (Russell to Hillside)

Project Category	Street Improvements
Useful Life	30 Years
Project Type	Improvement
User Department	DS
Coordinator	DS
Current Budget	
Initial Proposal Date	2020
Design Work	2021
Project Work	2022
Reoccurance	30 Years
Fund	Street & Utility
Account(s)	20-650,670 & 50-680,700

Location Village Right-of-Way

Issue Grove Avenue requires utility replacement and roadway reconstruction between Russell and Hillside.

Solution Design and construct utility and roadway improvements for this section of Grove Avenue.



Financial Impact

	2016	2017	2018	2019	2020	Historical
Historical						$0
	2021	2022	2023	2024	2025	Short Term
Short Term	$80,000	$2,000,000				$2,080,000
	Year 6-10	Year 11-15	Year 16-20	Long Term	Short Term	Total 20 Year
Long Term				$0	$2,080,000	$2,080,000