



PROJECTS AND CAPITAL FUNDED BY BONDS IN THE PAST FIVE YEARS

New Water Mains:

- ◆Melrose ◆Kenilworth
- ◆Brier ◆Cumberland
- ◆Roger ◆Roslyn
- ◆Green Bay ◆Townley Field

Concrete Road Repairs

Asphalt Road Replacement

Water Pumping Station

Police Vehicles

Dump Trucks & Snow Plows

Village Hall Roof

Sidewalk Replacement

Sewer Improvements:

- ◆Exmoor ◆Leicester
- ◆Cumnor ◆Cumberland
- ◆Roger ◆Kenilworth

Referenda Question—Timed to Avoid Property Tax Increase



On March 20th, voters will be asked to authorize an increase to the Village’s debt service authority, currently set at \$600,000.

The additional \$400,000 of authority is requested to help fund Phase II of the Kenilworth 2023 Program and other capital improvements.

The request will not increase the amount of property taxes directed to debt service. This is because \$416,000 in annual debt service is being retired in December of 2018 when the bonds mature.



Voters will consider the following question on March 20th:

Shall the debt service extension base under the Property Tax Extension Limitation Law for the Village of Kenilworth, Cook County, Illinois, for payment of principal and interest on limited bonds be increased from \$600,000 to \$1,000,000 for the levy year 2018 and all subsequent levy years?

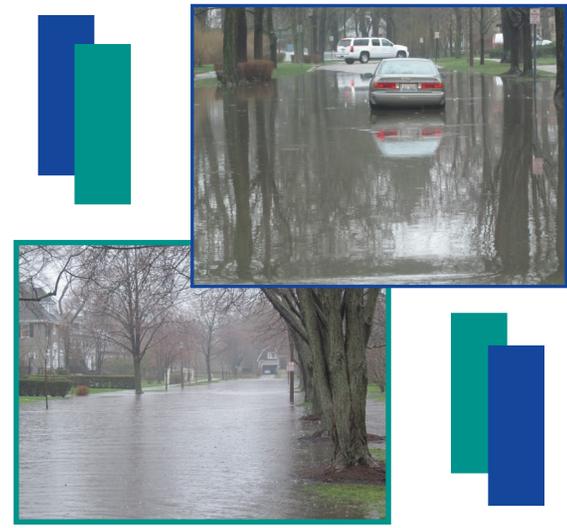
The Village Board would like to express its appreciation to the Metropolitan Water Reclamation District for their assistance in helping to fund \$1.2M of the green infrastructure improvements on Cumberland, Roslyn, and Melrose.

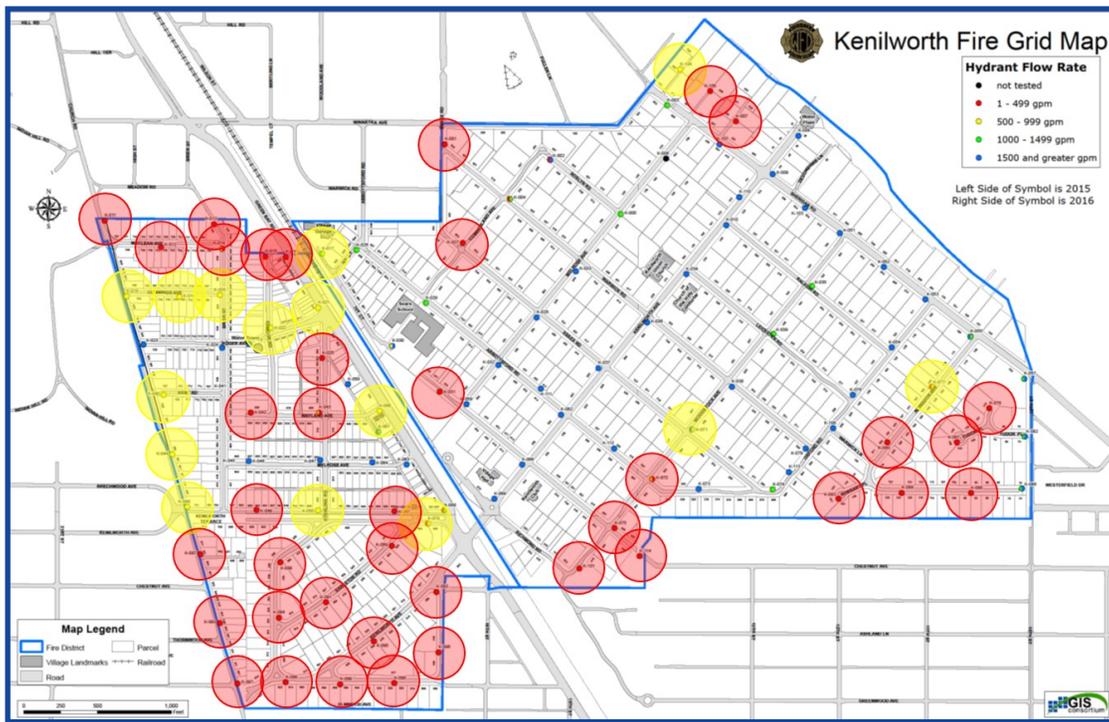


2023 INFRASTRUCTURE IMPROVEMENT PROGRAM

PHASE II

GOALS & FUNDING





Improving Fire Hydrant Flows

Annually, the fire department tests the fire hydrants in town to determine if they can be depended upon as a reliable source of water during a fire. They need 1,000 gallons per minute from a fire hydrant during a small house fire.

The graphic above shows fire hydrants, marked in red, that produce less than 500 gallons per minute, less than half of the supply needed. The hydrants shown in yellow provide between 500 and 999 gallons per minute. Nearly 100% of the fire hydrants south of Park Drive fail to deliver even half of the necessary water flow.

The Village has investigated the problem and the fire hydrants are not the problem—it's the water mains supplying water to the hydrants. Due to the age of the

water mains, they have become constricted by rust and sediment. The result is that a six-inch water main may have only two or three inches of capacity. That is why our fire hydrants are failing and our water mains experience significant breaks.

For Phase II of the Kenilworth 2023 Program, replacing old water mains with new plastic water mains will be a focus. The goal is to install new water mains that connect to the backbone in order to provide for the necessary flow of water. A water system model will be used to ascertain the ideal size and location for new water mains in Phase II.

The current estimate for Phase II water main improvements planned for either 2018 or early 2019 is between \$1-1.5 million.

Reducing Basement and Street Flooding

In 1929, the Village Board directed the development of preliminary plans for the separation of all Village sewers. At the time, the separation of sewers was considered the best option for addressing the frequent flooding of sewage into basements and roadways. The plan was implemented in a portion of the Village, but never completed.

In 2015, the Village renewed efforts to resolve the flooding problems. Phase I work began on Cumberland, Roslyn and Melrose, using a green infrastructure approach to both reduce the size of the sewer and improve storm water quality.

The results of the Kenilworth 2023 Phase I project made a significant improvement in the flooding

problems in the northeast quadrant of town. As plans are made for initiating Phase II, the goal is to address the sanitary sewer flooding south of Kenilworth Avenue.

On the heels of the Phase I work, the Village is in the process of an engineering analysis to identify which streets should be improved to achieve the greatest benefit. The goal is to initiate designs once adequate funding is identified. Initial estimates are in the range of \$6-7 million for the project.

The Village has identified several sources of project funding including existing fund balances, grants, and a future bond. A method to help fund Phase II without an increase to the amount of property taxes directed toward debt service will be considered by voters in March.

How Does the Village Propose Funding Repairs?

- **Use Existing Fund Balances**
- **Seeking Grant Funds**
- **Requesting Voter Approval Increase to Debt Service Extension Base— March 20th**
- **Combined—All three should be sufficient to fund Phase II without an increase in property taxes for debt**

Source	Amount	Note
Water/Sewer Improvement Estimated Expense	(\$8,500,000)	To be refined as design progresses
Fund Balances	\$3,200,000	KW2023 Fund, Capital Fund, Sewer Fund
Grant Sources	\$1,300,000	To be determined
Increased Debt Service Extension Base	\$4,000,000	If approved, used to fund alternate revenue bonds