

# **VILLAGE OF LOMBARD FY2021 — FY2030 CAPITAL IMPROVEMENT PLAN**

Village Board of Trustees

September 28, 2020



# GOALS FOR TODAY

- Review Funding
- Discuss Priorities
- Review Public Works and Environmental Concerns Committee and Staff Recommendation for FY2021-FY2030 CIP
- Discussion of Future Projects



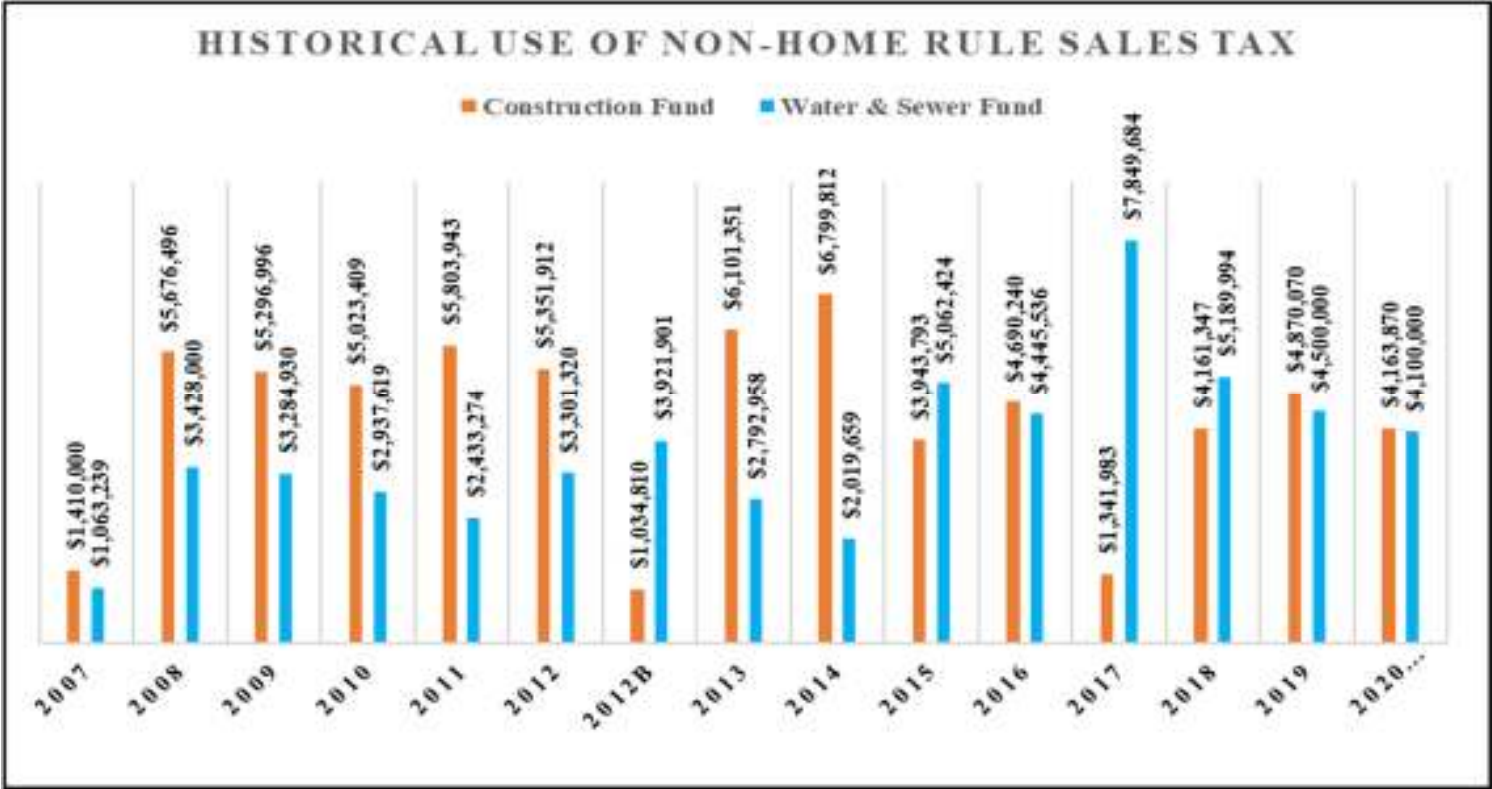
# 2021 REVENUE PROJECTIONS

Fund	Projected FY 2020 Fund Balance	2021 Projected Revenue	Debt Payments/Agreements	Total Available Funding
Construction	\$1,110,800	\$3,660,000	\$0	\$4,770,800
MFT	\$2,970,000	\$1,500,000	\$0	\$4,470,000
Facility	\$680,000	\$485,000	\$0	\$1,165,000
Building	\$0	\$0	\$0	\$0
Water/Sewer Capital	\$4,575,000	\$20,515,000	\$16,989,833	\$8,100,167
Parking Fund	\$380,000	\$250,000	\$100,000	\$530,000
Public Benefit (Debt Service)	\$423,000	\$4,500	\$0	\$427,500
TIF Downtown	\$800,000	\$2,250,000	\$1,852,200	\$1,197,800
TIF 1	\$350,000	\$50,000	\$0	\$400,000
TIF 2	\$2,560,000	\$330,000	\$0	\$2,890,000
TIF 4	(\$267,376)	\$37,000	\$16,000	(\$240,376)





# NON-HOME RULE SALES TAX SUBSIDY



# ILLINOIS CAPITAL BILL FUNDS

- The Village is fortunate to have ten (10) projects included in the rebuild Illinois capital bill
- Total available funding through rebuild Illinois plan is \$4,988,000
- No timeframe in distribution of funds
- 6 projects are in the 2021-2030 CIP



# REBUILD ILLINOIS PROJECT SUMMARIES

Section	Project Summary	Funding Level
190	Department of Natural Resources for a grant to the Village of Lombard for costs associated with water infrastructure improvements.	\$4,000,000
990	Department of Commerce and Economic Opportunity for a grant to the Village of Lombard for costs associated with sewer improvements on Highland Avenue.	\$213,000
1000	Department of Commerce and Economic Opportunity for a grant to the Village of Lombard for costs associated with drainage improvements on Woodrow Avenue.	\$150,000
625	Department of Commerce and Economic Opportunity for a grant to the Village of Lombard for costs associated with infrastructure projects including but not limited to road improvements.	\$150,000
95	Department of Commerce and Economic Opportunity for a grant to the Village of Lombard for costs associated with infrastructure, public security and safety improvements.	\$50,000



# REBUILD ILLINOIS PROJECT SUMMARIES

Section	Project Summary	Funding Level
1220	Department of Commerce and Economic Opportunity for a grant to the Village of Lombard for costs associated with capital improvements.	\$50,000
1325	Department of Commerce and Economic Opportunity for a grant to the Lombard Police Department for costs associated with the purchase of equipment.	\$25,000
1330	Department of Commerce and Economic Opportunity for a grant to the Lombard Police Department for costs associated with the capital improvements.	\$25,000
2010	Department of Commerce and Economic Opportunity for a grant to the Village of Lombard for costs associated with pedestrian street construction and other infrastructure improvements.	\$125,000
2125	Department of Commerce and Economic Opportunity for a grant to the Village of Lombard for costs associated with stormwater and sewer updates.	\$200,00



# BIG PICTURE ISSUES

- With the expiration of the Downtown TIF in 2023, we are looking at accelerate projects in the Downtown
  - Sidewalk project in FY2021 along St. Charles Road between Main and Elizabeth
- Due to the recent rain events, the Department will be taking the following actions:
  - engaging consulting engineering firms to update previous studies to determine next steps
  - Seeking available sites for the construction of stormwater detention/retention facilities
  - Discussing options to better utilize park district facilities for stormwater management
- Look to move projects from the construction fund to MFT, TIF or other funding sources



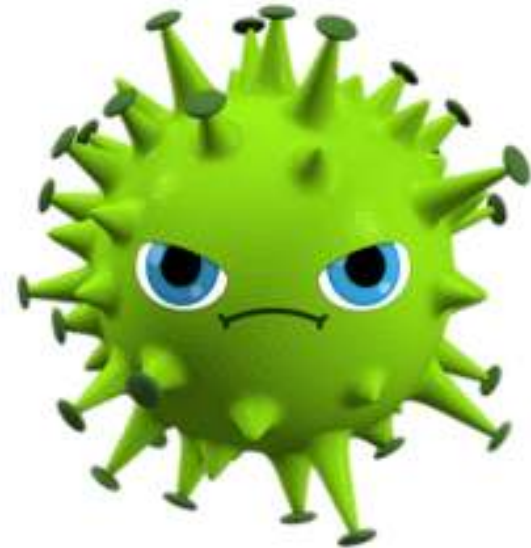
# 2021-2030 CIP

- The 2021-2030 CIP is proposed at **\$133,425,400**
  - Local Funds in the amount of **\$109,242,600**
    - Building Fund
    - Construction Fund
    - Facility Fund
    - Hotel/Motel Tax Fund
    - Parking Capital Reserve Fund
    - TIF Funds
    - Water/Sewer Reserve Fund
  - Non-Local Funds in the amount of **\$24,182,800**



# 2021 CIP

- The 2021 CIP is proposed at **\$9,482,100**
  - Local Funds in the amount of **\$6,683,300**
  - Non-Local Funds in the amount of **\$2,798,800**
- Reduced program due to the impact of COVID19 on the various revenue sources
- CIP prioritizes maintenance activities to extend the useful life of Village assets



# PROPOSED 2021 CIP EXPENDITURES

- The 2021 CIP includes the following expenditure amounts by category:
  - \$177,000 for Bikeway and Pedestrian Path Improvements
  - \$15,100 for Commuter Parking Facilities
  - \$303,000 for Facility Improvements and Maintenance
  - \$2,100 for Parking Lot Improvements
  - \$116,000 for Professional Services
  - \$1,296,000 for Right-of-Way Maintenance and Beautification
  - \$2,371,600 for Sewer System/Stormwater Control Improvements not performed in conjunction with a street project
  - \$243,000 for Sidewalk Improvements
  - \$2,757,000 for Street Construction and Maintenance (*including related underground improvements*)
  - \$291,000 for Traffic Signal and Street Lighting Improvements
  - \$1,910,300 for Water System Improvements not attributable to a street project.



# PROPOSED 2021 CIP PROJECTS

## **Bikeway & Pedestrian Path Improvements**

- Sustainable Transportation Program – The 2021 CIP contains \$21,000 to implement recommendations from the Village-wide Bicycle and Pedestrian Master Plan. The proposed work for 2021 includes the restriping of Madison Street.
- Edward and Wilson Path Connectors – The Village Wide Bicycle and Pedestrian Masterplan anticipated expanding the Village’s bicycle network to allow greater connectivity between public facilities, schools and shopping corridors. Once such project is this project that will create shared-use path segments along Edward Street and Wilson Avenue. This project will connect the existing Roosevelt Rd/NUHS path with Southland Park/Grace Street along Edward Street and missing path sections on Wilson Avenue will be completed between Finley Road/Sunset Knolls Path and Main Street. The CIP contains \$156,000 for these improvements.



# PROPOSED 2021 CIP PROJECTS

## **Commuter Parking Facilities**

- Commuter Parking Lots (Maintenance and Improvements) - The FY 2021 CIP contains \$15,100 for work to be completed on the Village's commuter facilities. The following work is scheduled:
  - Seal coat and stripe the Maple Street Lot
  - Patch and base repair of Parkside West Lot

## **Parking Lot Improvements**

- Village Complex Pavement Maintenance – The Village has established a schedule for improvements for the parking lots at Village facilities. The FY 2021 CIP contains \$2,100 for maintenance in the Public Works portion of the complex.

## **Professional Services**

- Consulting Engineering Services - The Village contracts out for the technical oversight of the Village's engineering division. The contract is split between the General Fund (20%), the Construction Fund (40%) and the Water/Sewer Fund (40%). There is \$116,000 in the 2021 CIP for the contract.



# PROPOSED 2021 CIP PROJECTS

## Facility Maintenance and Improvements

- Fire Station 44 Apparatus Flooring – The project entails resurfacing the apparatus floor of the station located at 2020 S. Highland with a non-slip surface. The FY 2021 CIP contains \$150,000 for the project.
- Police Department Parking Lot Security – The 2021 CIP contains \$70,000 for the installation of a 7' high decorative wrought iron fence to secure the Police Department lot. Gates will be installed on the north and south sides of the lot to allow access for authorized vehicles/personnel.
- General Facility Maintenance – The funding for this program is \$83,000 for 2021. These funds are used for the general maintenance of the Village facilities, not attributable to a specific project.



# PROPOSED 2021 CIP PROJECTS

## Right of Way Maintenance and Beautification

- Right-of-Way Beautification Program – This annual program is designed to improve landscaped areas in the Village in an effort to enhance the aesthetic appeal of the Village. The program contains \$73,000 in FY 2021.
- Downtown TIF Streetscape Improvements Program – This annual program is designed to improve the streetscape elements, brick pavers and other downtown features. The program contains \$28,000 for work in 2021.
- Tree Planting Program – The Village has moved the expenses related to the Village’s annual tree planting program from the Operating Budget to the CIP and will begin funding the program through the Construction Fund. The 2021 CIP contains \$75,000 for the program.
- Tree Trimming and Removal – Similar to the Tree Planting Program, the Village has moved the removal and stump grinding programs to the CIP. These programs will be funded by Motor Fuel Tax Fund at a level of \$120,000 in 2021.
- Downtown Brick Paver Project - The FY 2021 CIP contains \$1,000,000 to address the brick paver sidewalks throughout downtown Lombard. Staff presented a report to the Village Board in 2017 that identified several means to address the deficient conditions. The Village will be installing concrete walking surfaces with brick pavers inset as a decorative element. The final design will be brought before the Committee for review prior to construction.



# PROPOSED 2021 CIP PROJECTS

## Sewer System/Stormwater Improvements

- South Lombard Sanitary Force Main/Relief Sewer – The CIP contains funds in 2021 to line the 16” forcemain that runs from the Yorktown Lift Station to the gravity sewer located along 22<sup>nd</sup> Street just west of Highland Avenue. The cost for the lining and the by-pass pumping is \$950,000. A second phase of the project includes the construction of a relief sewer that will run from the connection point of the forcemain and gravity sewer to the west. The relief sewer will address sanitary sewer surcharging downstream of the force main and allow for further growth and development on the south end of Lombard. This phase is anticipated to be completed in 2022 at a cost of \$1,000,000.
- Sanitary Sewer Investigation – The intent of program is to perform a comprehensive inspection a localized area/sewer basin. Data and analytics obtained through the program shall be used to determine the necessary rehabilitation, replacement and improvements to the areas/sewer basin. The Village will establish the scope and frequency of future investigations based upon information from other maintenance programs and data collected from staff. The 2021 CIP contains \$50,000 for the investigation.
- Detention Pond Maintenance and Improvements - The Village has developed a maintenance schedule for the Village owned detention facility. The program is designed to provide funding for the maintenance of native plantings and structures in Village-owned stormwater basins. The FY 2021 CIP contains \$41,600 for the following projects:
  - Burn & Vegetation Management at the Civic Center Pond & Public Works Lot
  - Burn & Vegetation Management at the Central Pressure Adjusting Station
  - Burn & Vegetation Management at the Hammerschmidt Commuter Lot
  - Burn & Vegetation Management at the Parker/Kramer Detention Basin
  - Burn, Vegetation Management and Wetland Planting at the Grace/Central Basin
  - Burn & Vegetation Management at the Echo Pond
  - Burn & Vegetation Management at the Morris Pond
  - Burn & Vegetation Management at the Surges Center
  - Burn & Vegetation Management at Terrace View Pond



# PROPOSED 2021 CIP PROJECTS

## Sewer System/Stormwater Improvements

- Manhole Inspection and Rehabilitation – The FY 2021 CIP contains \$118,000 to fund the Village’s comprehensive manhole inspection and rehabilitation program that over time will encompass all sewer manholes within the Village. The scope of this program is the inspection of manholes by a high definition camera and recording of GPS information along with pertinent information about the manhole. Subsequently, structures that are found to be in substandard condition are repaired.
- Sewer/Stormwater Maintenance Programs – The FY 2021 CIP contains funding for the following programs:
  - \$88,000 for the Underground Structure Maintenance Program
  - \$25,000 for the Backyard Flooding Prevention Program
  - \$60,000 for Overhead Sewer Grant Program
  - \$225,000 for Sewer Maintenance and Improvements Program
  - \$88,000 for the Sanitary Sewer Lining Program
  - \$88,000 for the Catch Basin Cleaning Program
  - \$61,000 for the Sewer Stub Lining Program
  - \$50,000 for the Clear Water Disconnect Program
  - \$124,000 for the Sewer Collection System Maintenance (*formerly the Sewer Televising & Cleaning Program and the Large Sewer Flushing Program*)
  - \$150,000 for the Pump/Lift Station Maintenance Program



# PROPOSED 2021 CIP PROJECTS

## **Sewer System/Stormwater Improvements**

- Woodrow Drainage Repairs – The FY 2021 CIP contains \$213,000 to fund the installation of under drain, bypass storm connection, minor storm sewer removal and replacement, storm sewer point repairs and restoration. Work to be done to address ground water issues, before roadway rehabilitation. The Village received Rebuild Illinois Funds for this project.
- Highland Avenue Storm Sewer – The Village received Rebuild Illinois Funds to complete a project that includes the construction of approximately 350 linear feet of 30-inch diameter storm sewer. Included in the project is resolution of utility conflicts and reconstruction of the concrete pavement, curb and gutter. The work is expected to be constructed in 2022. The 2021 CIP contains \$40,000 for the design and survey work.



# PROPOSED 2021 CIP PROJECTS

## Sidewalk Improvements

- Sidewalk and Curb Program – The Village combined the Trip Hazard Replacement Program (RM 15), the Deteriorated Sidewalk Program (RM 16), the Curb Replacement Program (RM 25) and the ADA Compliance – Sidewalk at Intersection Program (RM 44) into the Sidewalk and Curb Program (RM 46). The funding level for the program in the 2021 CIP is \$243,000.

## Street Construction and Improvements

- Roadway Maintenance Programs - The FY 2021 CIP contains funding for the following maintenance activities:
  - \$157,000 for Parkway Restoration
  - \$34,000 for Pavement Marking Replacement Program
  - \$239,000 for the Pavement Preservation Program *(formerly the Surface Treatment Program and the Crack Sealing Program)*
  - \$1,627,000 for the Asphalt Roadway Program *(formerly the Asphalt Utility Patching Program, the General Local Street Resurfacing Plan, the Local Street Resurfacing Plan with Village Forces and the Full Depth Asphalt Patching Program)*
  - \$700,000 for the Concrete Roadway Program *(formerly the Concrete Street Rehabilitation Program and the Concrete Utility Patching Program)*



# PROPOSED 2021 CIP PROJECTS

## **Traffic Signal and Street Lighting Improvements**

- Street Light and Traffic Signal Pole Replacement – This project provides \$58,000 for the maintenance and replacement of existing street light and traffic signal poles that are not included in a specific project. An assessment is conducted annually to determine what locations will be included in the program.
- Traffic Signal Recurring Maintenance – The 2021 CIP contains \$113,000 for the recurring maintenance for 35 signals and 5 beacons. The Village had previously funded this program through the General Fund, but will now fund the program through Motor Fuel Tax Funds.
- Traffic Signal Modernization Program Replacement – The 2021 CIP contains \$120,000 for design engineering for the optimization of the traffic signal network along St. Charles Road, Main Street and 22<sup>nd</sup> Street. The project is a multi-jurisdiction project that includes the installation of fiber optic cable to tie the locations together, control cabinet replacements, switches and camera systems. The project cost for the full system improvements is \$14,000,000 and the group submitted an application for CMAQ funding. If the funding application is approved, the Village's cost for the project would be \$225,000.

Additional work will be performed at St. Charles and Park to remove the signals for northbound traffic as South Park has been converted into a one-way street.



# PROPOSED 2021 CIP PROJECTS

## Water System Improvements

- Watermain Maintenance & Improvements Program - The FY 2021 CIP contains \$170,000 for the Watermain Maintenance and Improvement Programs not associated with a standalone roadway or water system project.
- High Service Pump Rehabilitation - The FY 2021 CIP contains \$20,000 for the rehabilitation of potable water high service pumps at various locations. The Village plans on rehabilitating pumps at the Civic Center Reservoir in 2021.
- Arc Flash Analysis Update - NFPA requires an Arc Flash analysis be completed on electrical equipment of 240 volts and greater every five years. The analysis will update the electrical control cabinet inventory, hazards, electrical/Arc Flash warning labels, safety training, and recommended PPE. The 2021 CIP contains \$60,000 for the analysis.
- Lead Service Line Replacement Grant Program – With the increased focus on lead in drinking water, the IDPH and IEPA has introduced legislation and requirements in education, notification, and elimination of lead in drinking water. This grant program is to assist water customers in the replacement of lead service lines on the private portion of their water service. The 2021 CIP contains \$75,000 for the program.



# PROPOSED 2021 CIP PROJECTS

## Water System Improvements

- South Lombard Water Storage Facility – The Village anticipates the construction of a new water storage facility in the south end of the community that will add capacity to a high growth area. The CIP contains \$250,000 for the design and utility plans. \$3,750,000 in 2022 for construction of the tower.
- Civic Center 1.5 MG Reservoir Rehabilitation -This project is to rehabilitate the two 1.5 MG concrete underground reservoirs located at 1030 S. Stewart Ave. Rehab was to consist of repairing spalling concrete on the ceilings of the structure and some sealing to prevent ground water/contaminant infiltration. The proposed rehab would consist of installing membrane liners to completely encompass the structures preventing any infiltration and secure the concrete structure for 50 years. The Village will be entering into a contract with a service provided to provide inspection and maintenance of the facility under a Master Service Agreement, which will spread out the maintenance cost over a 20-year period. The Village utilized this approach with the painting of the Highland Avenue Elevated Tank in 2020. The 2021 CIP contains \$351,300 for the project.
- Finley/Hickory Water Main Replacement- This project includes the replacement of a twelve (12) inch diameter watermain that runs under the one hundred and eight (108”) inch diameter interceptor sewer at the intersection of Finley Road and Hickory Street. This water main must be augured and sleeved to go under the interceptor sewer. The 2021 CIP includes \$200,000 for the construction of the improvement.



# PROPOSED 2021 CIP PROJECTS

## Water System Improvements

- Highland Avenue Water Tank (Painting & Repairs) – The 2021 CIP contains \$34,000 for the ongoing maintenance of the tank under the Master Service Agreement with Suez.
- North Avenue Standpipe Building Rehabilitation – The Village has included \$300,000 in the 2021 CIP for utility improvements at the standpipe. Due to a lack of storm sewers and sanitary sewers, the site has groundwater issues that are impacting the building. A future project will be developed to address the condition of the standpipe and building.
- Hill Avenue Utility Extension – The Village of Lombard, in coordination with the Village of Glen Ellyn, will be extending water and sewer from Crescent Blvd to Hill Avenue. The extension of utilities will afford the Village the opportunity to decommission utilities that extend under I-355. Glen Ellyn will serve as the project lead. Based upon the Intergovernmental Agreement between Glen Ellyn, Lombard's portion of the project is based upon the year that the project is constructed. The CIP contains \$450,000 for the watermain improvement.



# **PUBLIC WORKS & ENVIRONMENTAL CONCERNS COMMITTEE**

- The PWECC reviewed the proposed FY21-FY30 CIP at their July 14, 2020 meeting
- The Committee was supportive of the projects contained in the FY21-FY30 CIP
- The Committee unanimously recommended approval of the FY21-FY30 CIP



Thank you for your time and consideration of the FY 2021- FY 2030 CIP

