

PUBLIC WORKS DEPARTMENT

Overview

The Public Works Department is responsible for a wide variety of programs that provide the basic services required by Village residents. The department handles the purchase, design, construction and maintenance of all Village-owned vehicles (except Recreation / Village Links), equipment, infrastructure and related assets (except buildings). This includes the drinking water distribution system, sanitary sewage and storm water collection systems, streets, signs and pavement markings, traffic signals, street lighting, Central Business District (CBD) landscaping and parking lots, parkway trees, and vehicle fleet management. The Public Works Director also oversees the daily operation of the Glenbard Wastewater Authority which is jointly owned and operated by the Villages of Glen Ellyn and Lombard.

A major responsibility of the Public Works Department is development and implementation of the various capital projects to improve the water, sanitary sewer, storm sewer and street systems. Glen Ellyn residents initiated a water system in 1907 followed by a sanitary sewer system in 1911. These systems provided two of the basic necessities of life in the village, allowing for new construction and growth to occur. The systems provided water for fire fighting as well as drinking. The sanitary sewers removed wastes from individual homes and provided basic treatment before discharge to the East Branch DuPage River. New concrete streets were built starting around 1910 that lead to the construction of storm sewers to carry away rainwater in order to reduce storm water flooding.

All of the four major systems noted above started about 90 years ago. The Village of Glen Ellyn has continually updated and expanded these systems over the years. The systems are collectively in good operating condition and provide reliable service for all residents. The systems continue to need significant capital improvements on a yearly basis. This work is reflected in the budget for the Public Works Department. Below is a summary of the fiscal year 2006 Public Works budget which begins May 1, 2005.

FUND #	PUBLIC WORKS DEPARTMENT EXPENDITURE TOTALS	FY 03/04 ACTUAL	FY 04/05 REVISED BUDGET	FY 04/05 ESTIMATED ACTUAL	FY 05/06 BUDGET
100	Admin. & Engineering	\$630,182	\$635,600	\$544,900	\$574,700
100	Street Forestry	1,600,225	1,606,793	1,534,000	1,755,500
	General Fund	\$2,230,407	\$2,242,393	\$2,078,900	\$2,330,200
500	Water System	5,047,550	6,693,937	5,998,800	5,236,000
500	Sanitary Sewer System	6,192,354	5,816,467	5,188,600	6,127,800
	Water / Sanitary Sewer Fund	\$11,239,904	\$12,510,404	\$11,187,400	\$11,363,800
530	Parking Fund	192,672	575,634	215,900	639,300
650	Equipment Services Fund	834,372	1,045,069	1,012,300	1,355,000
210	Motor Fuel Tax Fund	715,819	727,000	707,000	730,000
400	Capital Projects Fund	7,884,393	12,205,056	9,020,000	9,730,000
230	Community Enhancement Fund	108,635	1,714,198	87,000	1,220,000
	Total Expenditures	\$23,206,202	\$31,019,754	\$24,308,500	\$27,368,300

In the past four years, the Village Board has authorized significant capital expenditures to improve the various systems serving Glen Ellyn residents. These include:

- Twenty year street and storm sewer improvement program estimated to cost \$57 million in 1999 dollars. Funding sources include \$18 million in bonds approved by the voters in 2001 to finance 17 storm sewer projects, and the initiation/collection of a real estate transfer tax in 2000 to provide at least \$550,000 annually (in 1999 dollars) for expanded street improvements.
- 22 ½ % increase in water / sanitary sewer rates to help pay for \$32 million of water and sanitary sewer projects identified in the 10 year improvement program recommended by the Capital Improvements Commission and approved by the Village Board in April, 2003.

These capital expenditures make up over 50% of the expenditures for the Public Works Department.

Planning, design and oversight of these major construction programs are a major focus of the department's work. Staff recognizes the importance of the continued rehabilitation of the various systems and the great responsibility various Village Boards and the residents of Glen Ellyn have placed on staff to wisely spend the substantial resources. Staff has focused on this task and will strive to keep the systems working well but also to be sure the work is done correctly.

The Public Works Department consists of three divisions - Administration and Engineering, Utilities and Street Forestry. The Utilities Supervisor heads the Utilities Division and the Street Forestry Superintendent is in charge of the Street Forestry Division. Each is responsible for planning and organizing the programs in their areas. The Village Forester supports the Street Forestry Division and is responsible for the Village's parkway tree management and reforestation programs including the Tree Preservation Ordinance. The Professional Engineer is responsible for overseeing the design and construction of all public works projects. The Utilities Supervisor, Street Forestry Superintendent, Professional Engineer, and Village Forester all report to the Director of Public Works.

The men and women of the Public Works Department perform a variety of tasks to operate and maintain Village infrastructure and support municipal operations. From preventive maintenance and mechanical repairs to equipment, servicing work requests from residents, routine landscaping and pothole repair, to emergency services and disaster assistance planning, round-the-clock preparedness for snow and ice control operations and development of a geographic information system and other information systems to provide a higher degree of accountability in the management of public assets, the 36 individuals (32 full time and four part time) of the department maintain a high state of readiness to provide cost-effective and efficient customer service to the residents of Glen Ellyn. Village assets which are maintained by the Public Works Department include:

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| - 86 miles of roadway | - 145 miles of water mains |
| - approx. 700 street lights (Village owned) | - approx 8,200 water service valves |
| - approx. 14,500 parkway trees | - 2 one million gallon water reservoirs |
| - approx. 2,800 street signs | - 2 elevated water storage tanks |
| - Downtown benches and trash receptacles | - 2 water pressure adjusting stations |
| - 70 miles of storm sewer mains | - 2 water pumping stations |
| - 4,300 storm sewer inlets, basins and manholes | - 85 miles of sanitary sewer mains |
| - approx. 1,200 fire hydrants | - 5 sanitary sewer lift stations |
| | - 2,000 sanitary sewer manholes |