

EQUIPMENT SERVICES

BUDGET FOOTNOTES

1. **GLEN ELLYN PARK DISTRICT: (\$55,000)** - The Park District purchases gasoline for their fleet from the Village, including a markup of 15% per gallon to help pay for the Village gas pumps and underground fuel storage facilities.
 2. **MISCELLANEOUS REVENUE: (\$50,000)** - This line item primarily receives net revenues generated from the sale of replaced Village vehicles and equipment at the twice-annual DuPage Mayors and Managers Conference auction. Amount realized each year depends upon the high bids for the type and number of vehicles sent to auction each year, minus a Conference 15% auction fee.
 3. **EMPLOYEE EDUCATION: (\$2,500)** – Provides for continuing education in the latest methods of diagnosing and repair of computer controlled vehicle systems and engine controls. Certification as Emergency Vehicle Technician (EVT) is necessary to work on the unique equipment associated with fire apparatus.
 4. **MAINTENANCE OF BUILDING , GROUNDS & EQUIPMENT: (\$7,000)** – This account provides for testing and repair of the underground storage tanks, lines and monitor sensors, the repair of shop equipment, hydraulic vehicle lifts, fuel dispensing equipment and the electric yard gate It also provides for building essentials and minor repair or modifications to the Equipment Services section of the Public Works Building.
 5. **DISPOSAL: (\$2,500)** – Provides for the disposal of waste products generated in the daily operation of the Equipment Services department. The waste stream includes used motor oil, oil absorbent, parts cleaning solvent and used oil and fuel filters. These items are classified as special waste and cannot be disposed of in landfills or recycled without special processing.
 6. **FY05/06 REPAIRS/CONTRACTED LABOR: (\$57,000)** - Provides for labor associated with major and/or specialized repairs such as transmission rebuilding, wheel alignment, IDOT safety inspections, body work, and fire apparatus repairs by outside vendors. The FY05/06 estimated actual amount of contract labor is significantly higher than originally budgeted as a result of unanticipated major repairs to: the Fire Company Aerial Ladder and the Articulating Aerial Snorkel (\$15,000), numerous vehicle body repairs (\$5,000), and mechanical repairs to the street sweeper (\$13,000).
- FY06/07 REPAIRS/CONTRACTED LABOR: (\$55,000)** - Provides for labor associated with major and/or specialized repairs such as transmission rebuilding, wheel alignment, IDOT safety inspections, body work, and fire apparatus repairs by outside vendors. The Fire Company Aerial Ladder will be sent to the original equipment manufacturer for safety upgrades and truck enhancements of which the Village will contribute \$20,000.

7. **REPAIRS/CONTRACTED PARTS: (\$15,000)** - Provides for parts associated with major vehicle/equipment repairs completed by outside vendors.
8. **TELECOMMUNICATIONS: (\$7,500)** – Provides for cellular and GPS (global positioning satellite) service associated with everyday operations and AVL (automatic vehicle location) systems installed in vehicles and equipment that are involved in front line Public Works operations. The AVL costs are \$300 a year for each of 20 vehicles.
9. **GAS & OIL: (\$250,000)** – Provides for the purchase of fuel and oil used by all Village vehicles. The Village has incurred fuel costs that have more than doubled within the past year as a result of, the rise in crude oil prices, supply and demand, and refinery inventory levels. Illinois Governor Rod Blagojevich signed into law House Bill 112 that requires state government, county and local governments, school districts, universities and community colleges and mass transit agencies to use a minimum of B2 (2% biodiesel blend) in their diesel vehicles. The new law becomes effective July 01, 2006 and the Village has budgeted funds to comply with this new mandate. The total amount budgeted for fuel assumes: 70,000 gallons of unleaded gasoline at our current average of \$2.20 plus a 10% increase of \$.25 for a total of \$2.45 per gallon; 25,000 gallons of diesel fuel at our current average of \$2.35 per gallon plus a 10% increase of \$.25 plus \$.15 biodiesel charge for a total of \$2.75 per gallon; and \$10,000 for engine, transmission, hydraulic and differential oil based on current usage. The Village's cost for fuel is less than prevailing retail prices because the Village buys in bulk and is exempt from Federal gas taxes, which are \$0.183 per gallon of unleaded gasoline and \$0.243 per gallon of diesel fuel; and State sales taxes, which is 5% of the cost per gallon of unleaded gasoline and 6.25% of the cost of diesel fuel. The Village has two underground storage tanks that have the capacity to store 15,000 gallons of unleaded gasoline and 10,000 gallons of diesel fuel. The Glen Ellyn Police Department uses approximately 45% of the gasoline purchased by the Village.
10. **INVENTORY PARTS: (\$95,000)** - Provides for the cost of replacement parts and shop supplies used to repair and maintain Village vehicles and equipment when work is performed in-house by Village technicians.
11. **CAPITAL OUTLAY-FY 06/07 VEHICLE PURCHASES: (\$348,000)**
Each Village department contributes annually toward the future replacement of vehicles assigned to it until the end of the vehicles' economically useful lives. This plan assures adequate funding and allows accurate forecasting of future budget requirements.

Equipment replacement is based on several factors:

- Cost to operate – maintenance and fuel costs
- Condition of vehicular systems – hydraulics, snow removal equipment, etc.
- Condition of vehicle – interior and exterior
- Does the vehicle do the job it was intended to do and is it cost effective?

Vehicles are normally replaced at the end of the depreciation period. However, some are kept past their expected useful lives due to low hours of use and/or good overall condition.

Occasionally, some vehicles need to be replaced before they are fully depreciated due to unreliability or their inability to meet the needs of the department.

All equipment is purchased using advertised sealed competitive bidding, the State of Illinois Joint Equipment Purchase Program, or some other joint governmental purchasing consortia. Vehicles being replaced are sold at the first convenient DuPage Mayors and Managers Auction, generally held in June and September each year.

Vehicles scheduled for replacement in FY 06/07 are as follows:

VEHICLE #003: A 2003 Ford Crown Victoria purchased through State of Illinois bid process for \$21,000. This vehicle is on a three-year depreciation schedule, currently has over 75,000 miles on it and will have over 100,000 miles on it when the replacement vehicle is placed in service. Depreciation funds have been reserved in the amount of \$22,900 for the replacement of this vehicle. This vehicle is a police patrol unit. The replacement vehicle will be a Ford Crown Victoria purchased through the State of Illinois Joint Purchasing Agreement. Projected replacement cost including an amount for equipment to outfit it, as a police vehicle is. **\$25,000**

VEHICLE #004: A 2003 Ford Crown Victoria purchased through State of Illinois bid process for \$21,000. This vehicle is on a three-year depreciation schedule, currently has over 70,000 miles on it and will have over 95,000 miles on it when the replacement vehicle is placed in service. Depreciation funds have been reserved in the amount of \$22,400 for the replacement of this vehicle. This vehicle is a police patrol unit. The replacement vehicle will be a Ford Crown Victoria purchased through the State of Illinois Joint Purchasing Agreement. Projected replacement cost including an amount for equipment to outfit it, as a police vehicle is. **\$25,000**

VEHICLE #234: A 1994 Ford L8000 10-wheel, tandem-axle dump truck purchased through State of Illinois bid process for \$52,000. This twelve-year old vehicle is fully depreciated. Depreciation funds have been reserved in the amount of \$78,000 for the replacement of this vehicle. It has over 3,000 operating hours and its cab is rusted and has experienced recent electrical problems due to many years of corrosive salt exposure. The engine is worn and burns engine coolant through the combustion chamber. The Utilities Division and Street/Forestry Division use the truck year round for main breaks/material hauling, leaf hauling, asphalt projects and various street maintenance activities. This truck is the only 10 wheel heavy-duty truck equipped with a hitch capable of towing our 24,000-pound GVWR heavy-duty tag trailer. The replacement truck will be a 10-wheel tandem axle chassis with a 16-18 yard dump body, a cover tarp and heavy-duty combination hitch. Vehicle will be purchased through State of Illinois Joint Purchasing Agreement. Projected replacement cost.....**\$78,000**

VEHICLE #249: A 1998 Elgin Pelican street sweeper purchased through the competitive bid process for \$92,000 is on a seven-year depreciation schedule and is fully depreciated. This vehicle currently has over 6000 hours of operation and will have approximately 7000 hours of operation when it is put into auxiliary service. Depreciation funds have been reserved in the amount of \$140,000 for the replacement of this vehicle. An additional

depreciation transfer of \$27,000 was needed in FY05/06 to “fully fund” the projected \$140,000 replacement cost.

This vehicle is used by the Street/Forestry Division for cleaning streets on a daily basis (weather permitting) and operates a double shift during the fall leaf season. This severe-duty vehicle has reached the end of its reliable life as a front-line sweeper and is in need of a conveyor sub-frame assembly and main broom jackshafts for continued productive use, which will cost approximately \$13,000 to repair. Our intent is to repair and use the old sweeper as a secondary piece of equipment as long as it is cost effective. This will save the Village the cost of renting a sweeper during the fall leaf season, and allow the use of two sweepers during the early spring period to assist with winter debris cleanup.

The replacement vehicle will be a 3-wheel street sweeper fully equipped with a hydraulic sweep system, second gutter broom, and dual cab controls.

Projected replacement cost.....**\$140,000**

VEHICLE #300: A 1997 Ford F250 pick-up truck purchased through the State of Illinois Joint Purchasing Agreement for \$15,000. This eight-year-old vehicle is on a seven-year depreciation schedule, is fully depreciated, and currently has over 30,000 miles on it. Depreciation funds have been reserved in the amount of \$18,200 for the replacement of this vehicle. This vehicle is used by the Equipment Services Division as a road service/fuel transfer truck to provide emergency service and repairs to all Village of Glen Ellyn, Glen Ellyn Volunteer Fire Department, and Glenbard Wastewater Authority vehicles and equipment. The truck is also listed in the Response Matrix of the DuPage County Public Works Mutual Aid Operations manual. This vehicle’s fuel transfer tanks no longer comply with State of Illinois Fire Marshall Regulations and it is not properly equipped to respond to a declared emergency or disaster as part of the DuPage County Public Works Mutual Aid Agreement. The replacement vehicle will be a Ford F250 pick-up truck equipped with approved fuel transfer tanks, an air compressor to operate pneumatic tools, a jump starting unit, and the ability to perform field repairs to vehicle and equipment tires. This new and significantly upgraded vehicle will be purchased through the State of Illinois Joint Purchasing Agreement. This vehicle is under-funded by \$17,500; the deficit will be charged to the Capital Outlay –Equipment line item in FY06/07 (see footnote 12c).

Projected replacement cost.....**\$36,000**

THREE (3) COMPUTERIZED SALT SPREADING CONTROL SYSTEMS:

Provides for the purchase of three computerized closed-loop ground speed controlled systems for the application of road salt. These would be installed onto *three* of our existing heavy-duty front line plow trucks (truck’s #201, #203 and #251). This would increase the Village’s fleet of environmentally friendly, salt conserving, 10 wheel trucks to a total of five. These units conserve salt, therefore reducing the negative impact of chloride entering our storm water system. The closed-loop system consists of an electronic controller (brain); vehicle speed, conveyor speed and liquid flow sensors; five hydraulic valve sections with electronic solenoids all housed in an enclosure; an upgraded hydraulic pump; all interconnecting wires and hydraulic plumbing. These items are a new purchased and were not previously funded through the depreciation schedule. A total of \$44,000 was transferred from the General Fund Street/Forestry budget in FY05/06 to fund this purchase.

Projected cost.....**\$44,000**

The following vehicles and equipment are fully depreciated and funded, but they will not be replaced this year due to low mileage/hours and or the fact that they are in good overall condition.

VEHICLE #014- A 2001 Ford Crown Victoria Deputy Police Chief Car.

VEHICLE #019- A 2002 GMC Yukon 4X4 Police Patrol/Truck Enforcement Unit.

VEHICLE #221- A 1998 Dodge Dakota Assistant Public Works Director pick-up truck.

VEHICLE #223- A 1996 Ford E350 Building Maintenance Van.

VEHICLE #228- A 1999 GMC 3500 Utility Truck.

VEHICLE #231- A 1998 Ford F350 Dump Truck.

VEHICLE #245- A 1998 Jeep Cherokee Inspector's vehicle

VEHICLE #253- A 1993 John Deere Street Division Mower/Snow Blower Tractor.

VEHICLE #261- A 1998 Dodge Dakota Village Forester pick-up truck.

VEHICLE #301- A 1992 Case Skid steer.

12. **CAPITAL OUTLAY- EQUIPMENT: (\$26,000)**

- a. **VANTAGE SOFTWARE: (\$3,000)** Provides for the purchase of software to update the Snap-On MT2400 Vantage graphing meter and MT2500 Engine Scanner to the 2005 model year. This is the most current software available to troubleshoot and diagnose light/medium duty vehicle problems. This will also provide for the purchase of software, communication cables and a service manual on CD to diagnose and repair the electronic engine controls on our fleet of Class 8 (10 wheel) International Trucks. This heavy-duty truck software will be used on a recycled laptop previously used by the Police Department.
- b. **ELECTRIC GATE OPERATOR: (\$5,500)** Provides for the purchase of a replacement electric gate operator that automatically opens and closes the public works/fuel island gate. The operator's gearbox leaks, has worn gears and one of the safety switches is bypassed due to corroded components. All Village Departments utilize the fuel island 24/7, 365 days a year. This gate operator is integral with the Village's Fuel Master System and provides security when the Public Work's Fuel Island and parking lot is unattended.
- c. **ADDITIONAL FUNDING FOR VEHICLE #300: (\$17,500)** The upgrade in equipment options on the proposed service vehicle (described above) requires additional funding to support the vehicle purchase. This vehicle will service the entire fleet and thus costs will be distributed through the departments via interfund transfers.