

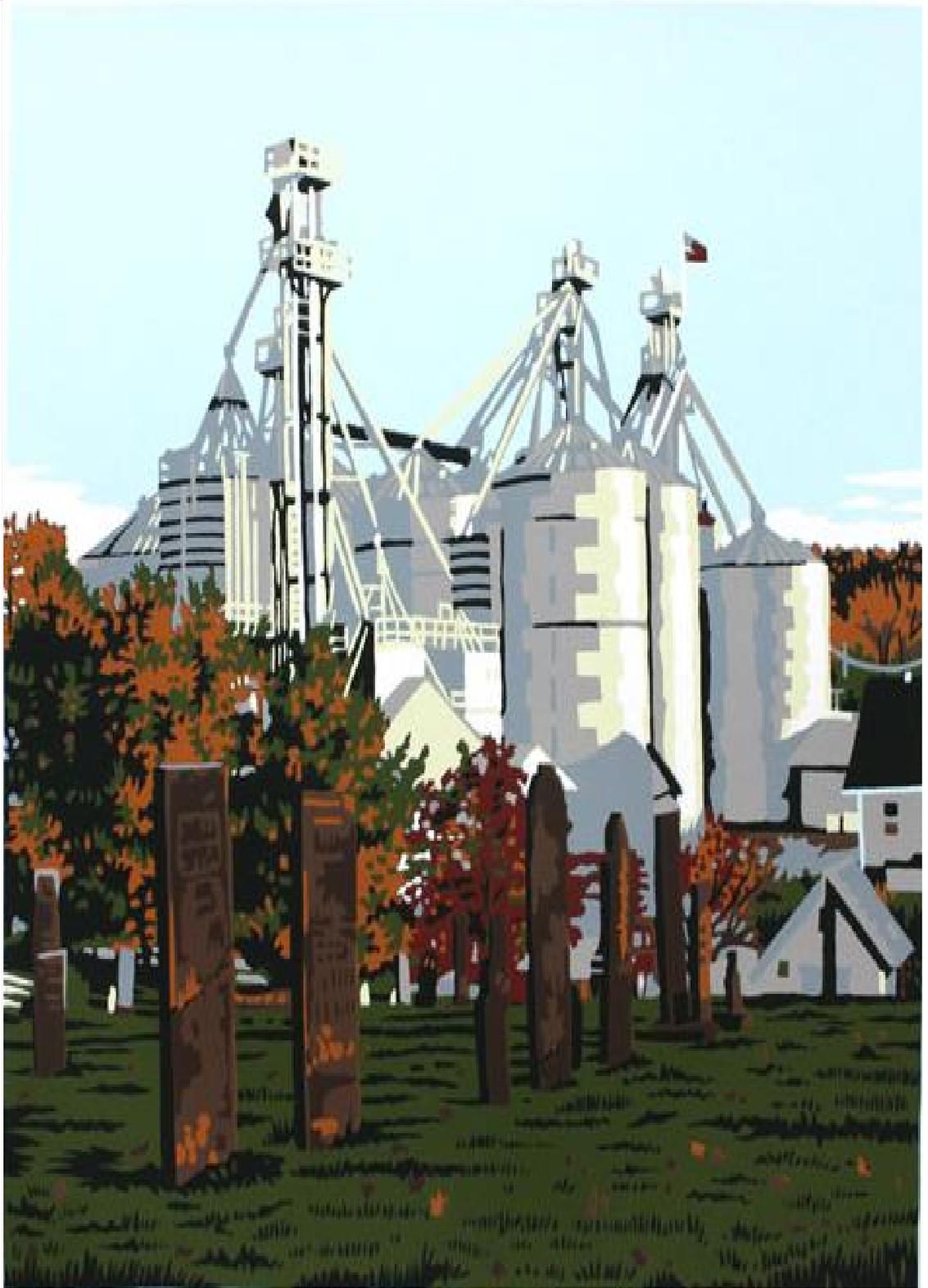


Village of Granville

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Manager's Comments

2013 was a year of real accomplishments in Granville.

The pages in the Village of Granville Annual Report outline activities and accomplishments on a department by department basis. Those accomplishments follow the framework approved by Village Council during a February 2012 retreat. The retreat was held following years of declining revenue and reduced state and federal support. The goals identified by Council in 2012 involved returning the Village to financial solvency by finding ways to deliver services in a more efficient fashion. As a result, as recently pointed out by Councilman Montgomery during the February 2014 Council retreat, the Village's financial position improved by approximately \$800,000 in 2013 when compared to 2012.



In addition to improving the bottom line, other multi-year Council objectives were accomplished including:

- a capital project process that completed funding Village assets such as Opera House Park, Village Hall and the purchase of a traffic speed trailer,
- zoning code efficiency . 13 chapters of the zoning code were amended to maintain the Village assets, properly guide investment and streamline the review process,
- avoid new taxes . the property and income tax rates were unchanged in 2013
- professional contracts reviewed . Mike King was hired as Village Law Director in January of 2013 providing a greater depth of legal review and guidance
- water source wellhead safety . the Village worked with the Marathon Gas Company to provide an additional safety valves for a gas line that crosses the Village well field. A lime storage lagoon is planned for construction in 2015
- employee health insurance . rebid in 2012, resulting in a 0% increase for employees in 2013 and a minimal 5% increase for employees in 2014
- Village open space . the Village worked with Granville Township to negotiate the acquisition of the development rights on the Granville golf course.
- Analysis of expenditures . resulted in the stronger fiscal position for the Village.

With the better understanding of the Village's financial needs in hand, Village Council moved to broaden the Village's areas of activity as documented by the following identified goals:

- investment in streets, sidewalks and central business district amenities
- develop a plan for recruitment of new businesses
- plan for the future of the Granville Golf Course
- continued vigilance on village financial issues
- encourage citizen participation in Village governmental matters
- work with the Township to develop an economic development plan for the Village and immediate surrounds
- property maintenance
- introduce environmental measures in the Village zoning code encourage environmental standards and practices for both public and private investment

With the improving national economy, private and public investments in the Village will be noticed in 2014. The large commercial structure on the South East corner of Prospect and College is to be renovated and the Granville Inn, purchased by Denison University, will also see major reinvestment. The Village's infrastructure expenditures will continue by the repaving of Newark-Granville Road from corporate limit to corporate limit, excepting the two block downtown portion. This downtown portion of East Broadway is to be repaved later in 2014 or early 2015, at the same time that State Route 661 is repaved.

Village Council, as advised by the Village staff, looks forward to serving the residents in 2014 and beyond. Council meetings are on the first and third Wednesdays of each month at Village Hall, 141 E. Broadway, beginning at 7:30 PM. All residents and visitors are welcome and encouraged to attend and participate in these meetings.

Check out the Village website for meeting times, upcoming events, important forms, & other information you may need.

www.granville.oh.us

Steve Stilwell
Village Manager

2013 Village Council

MELISSA HARTFIELD, MAYOR

**CONSTANCE BARSKY, VICE MAYOR É JEREMY JOHNSON É MICHELLE LERNER
MATT MCGOWAN É ROB MONTGOMERY É JACKIE O'KEEFE**

The Village Council serves as the legislative and policy-making body of the Village. Council takes the leadership role to interpret the wishes of the community and provide for the general welfare of the community through programs, services, and activities.

In 1964, the Village of Granville adopted a municipal charter with a Council/Manager form of government. The Village Council consists of seven elected members at large, serving four-year terms. The positions of Mayor and Vice Mayor are chosen by nomination and election by a majority of Council. The Mayor serves as the official and ceremonial head of the municipality, presiding over meetings of Council and exercising judicial powers. The Council appoints a Village Manager to oversee all daily operations of the Village.

2013 Council Committees

Union Cemetery Board

Constance Barsky
Lyn Boone
Paul Jenks
Jim Patin, Clerk

This Board oversees the running of the Old Colony Burying Ground as the cemetery is managed by both Granville Township and the Village of Granville.

Board of Zoning and Building Appeals

Larry Burge
Jeff Gill
Kenneth Kemper
Scott Manno
Bradley Smith
Neal Zimmers

The Zoning Board is responsible for the review and approval of variance and conditional use requests within the Village.

Planning Commission

Jack Burris
Doug Eklof
Steven Hawk
Jean Hoyt
Tom Mitchell
Tim Ryan

The Planning Commission is responsible for the review and approval of rezoning requests, subdivision development, site and architectural plan reviews.

Granville Arts Commission

Ron Abram
Tom Carroll
Mark Forman
Meg Ginther
Kyle Morgan
Jurgen Pape
Mickey Smith
Maggie Sobataka
Marilyn Sundin
Lois Foreman-Wernet
Neal Zimmers

The Commission is a community based organization dedicated to the enhancement of cultural arts, community character, and community interaction.

Bryn Du Governance Commission

Laurence Bicking
Kris Burkett
Stewart Dyke
Vince Engel
Reed Fraley
Candi Moore
Keith Myers
Jurgen Pape

The Bryn Du Commission is responsible for managing the everyday operations of the Bryn Du Mansion, implementing the development plan, and planning for the future of the property.

Tree & Landscape Commission

Don Hostetter
Lynne Kishler
Dick Mortensen
Don Pheneger
Linda Reynolds

Tree & Landscape Commission is responsible for reviewing landscape development plans, directing the planting of trees in the Village, the annual Arbor Day celebration, and the annual Tree City USA program.

www.granville.oh.us

Finance Report

Fiscal Responsibility

The Finance Department is responsible for maintaining the Village's financial assets and investments. It oversees and coordinates the cash and debt management, budget, purchasing, accounting, auditing and reporting, revenue administration, billing and collections, employee payroll and office services. The annual budget is prepared with a focus on maintaining the high level of service and adequate resources to implement the Village's five-year Capital Improvement Plan. Controlling growth in operating expenditures is critical to continuing our financial success.

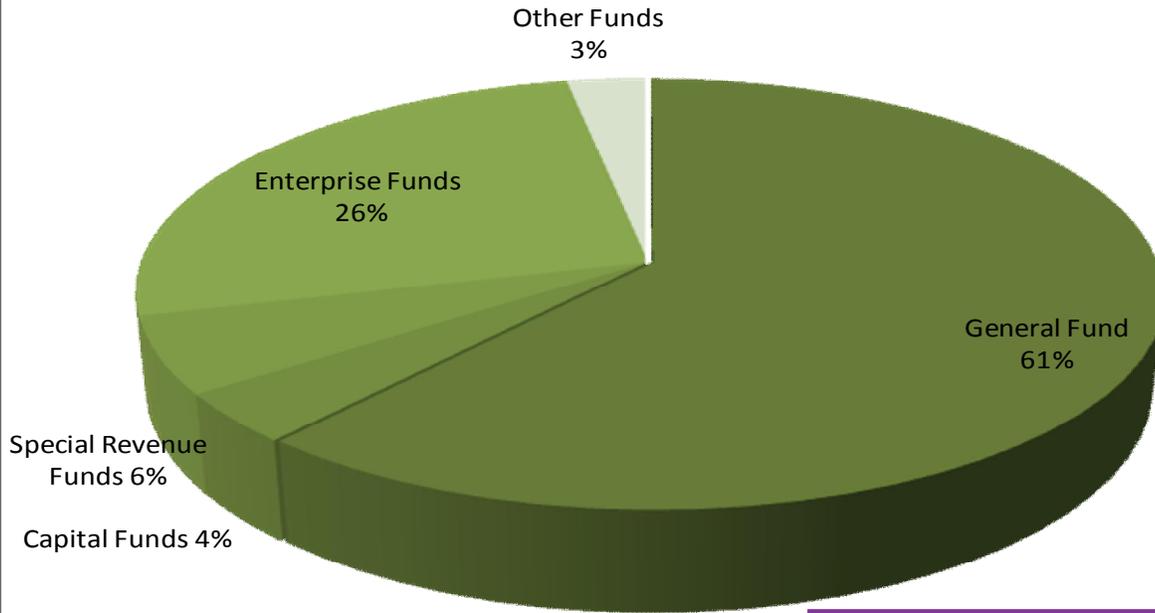
FUND	BALANCE 1/1/13	RECEIPTS	DISBURSEMENT	BALANCE 12/31/13
GENERAL	\$2,238,609	\$4,214,465	\$3,949,008	\$2,504,066
MUNICIPAL BLDG. RESERVE	\$110,037	\$10,000	\$0	\$120,037
PARK LAND RESERVE	\$140,630	\$19,000	\$0	\$159,630
STRATEGIC LAND RESERVE	\$99,200	\$0	\$1,000	\$98,200
ROAD IMPROVEMENT RESERVE	\$81,049	\$40,000	\$0	\$121,049
PATHWAY RESERVE FUND	\$314,000	\$0	\$0	\$314,000
CAPITAL PROJECT RESERVE FUND	\$1,186,494	\$315,845	\$163,487	\$1,338,852
STREET	\$188,704	\$172,530	\$139,848	\$221,386
HIGHWAY	\$43,928	\$14,016	\$7,789	\$50,156
OPERA HOUSE PARK IMPROVEMENT FUND	\$22,534	\$25,000	\$10,893	\$36,641
BRYN DU FUND	\$108,187	\$50,000	\$125,000	\$33,187
LAW ENFORCEMENT TRUST	\$709	\$0	\$0	\$709
LAW ENFORCEMENT & EDUCATION	\$9,422	\$0	\$0	\$9,422
FEMA	\$0	\$88,667	\$88,667	\$0
SEWER REPLACEMENT & IMPROVEMENT	\$56,823	\$105,702	\$79,754	\$82,771
WATER	\$229,337	\$905,738	\$760,029	\$375,045
SEWER	\$323,076	\$809,952	\$624,680	\$508,348
WATER CAPITAL IMPROVEMENT	\$52,634	\$38,209	\$0	\$90,844
REFUSE SERVICE	\$10,261	\$214,751	\$211,475	\$13,537
EQUIPMENT RESERVE	\$353,460	\$89,500	\$81,536	\$361,424
LEWIS PARK TRUST FUND	\$110	\$0	\$0	\$110
MAYOR'S COURT AGENCY	\$0	\$173,606	\$164,832	\$8,774
SPECIAL ASSESSMENTS	\$12,161	\$26,524	\$25,294	\$13,391
TOTAL ALL FUNDS	\$5,581,365	\$7,313,505	\$6,433,292	\$6,461,579

Village Council developed specific financial policies for the Village of Granville. Although the Village has a sound financial framework, these policies were adopted to provide guidance for future financial decisions, to link long-term financial planning with day-to-day operations, and to help ensure that the Village can maintain a stable financial position. A copy of the financial policy is available on the Village website and is included as part of each annual budget.



Expenditure History

2013 Total Expenditures by Fund \$6,433,293



You can find the Village of Granville budget and the most current audit report on the Village website at www.granville.oh.us.

2013 Expenditures - All Funds

This table summarizes all Village funds and 2013 expenditures.

Fund	Amount
General Fund	\$3,949,008
Capital Funds	\$246,023
Special Revenue Funds	\$372,197
Enterprise Funds	\$1,675,939
Water	\$760,030
Wastewater	\$624,680
Water Capital Improvement	\$0
Sewer Replacement & Improvement	\$79,754
Refuse	\$211,475
Other Funds	\$190,126
All Funds Total	\$6,433,293

Income Tax Report

Income tax represents the largest source of revenue for the Village of Granville at approximately 76% of the general fund. Residents benefit from a beautiful treescaped community, efficient snow removal, police services, streets, street lighting, monthly brush pick-up services, and the clean-up/fix-up program through our refuse pick-up. Residents support the cost of these services mainly through their income tax.

The purpose of the income tax is to provide funds for general municipal operations and governmental services such as police, street maintenance, administration, capital improvements and community service.

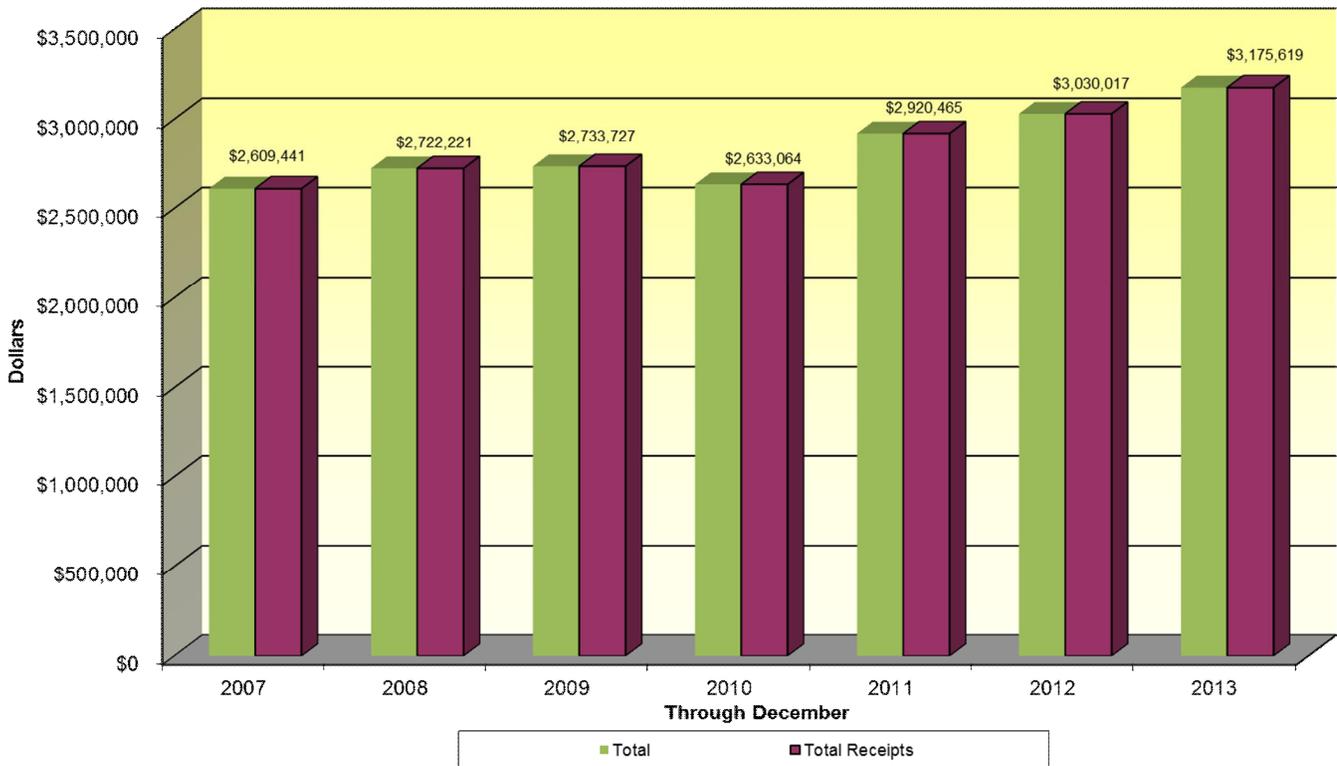
The 1.5% income tax was implemented in 1969 and is assessed on all salaries, wages, commissions, and other compensation earned by residents. Those employed within the Village limits are subject to the municipal income tax. All residents living in the Village and businesses located within the Village are required to register with the tax department. The deadline for Village tax returns is April 15th with quarterly payments due January 15th, April 15th, July 15th and October 15th.

Residents, who work in communities other than the Village and pay an income tax to that municipality, are given a credit of up to 50% of Granville's rate (.75%) for taxes paid to the community in which they are employed.

www.granville.oh.us

Tax Collected in 2013
\$3,175,619

Year-to-Date Receipts Compared to Total Annual Receipts



Bryn Du Mansion



For more than a century, the historic Bryn Du Mansion has dominated the landscape as a 52-acre estate in the charming Village of Granville. The mansion's colorful history, and the history of the families that have lived there, add to the rich environment and unique facilities. The Federal style sandstone mansion, circa 1905, features hand-crafted wood paneling detail in the west and east wings and formal dining room. The large outdoor patios, terraced gardens, quiet arbors and rolling wooded hills weave around the mansion, field house, stables and barn; perfect fresh-air spaces for social gatherings, art and craft fairs or any function.

The property is managed by a commission established by the Village of Granville. The Bryn Du estate is a long-term asset to the community that provides a place for cultural, recreational, and educational activities for people of all ages. The Bryn Du Commission's mission of historic preservation and program development will contribute to the vitality and quality of life of the Granville community.

www.bryndumansion.com



Highlights of 2013

- Approval to renovate the Carriage House
- Roof repair to 8 of 10 buildings
- New signage
- New utility/catering kitchen in Fieldhouse
- Restoration of Adams-style plaster ceiling
- Blacktop resurfacing of the parking lot
- Redesign of Bryn Du website www.bryndu.com

Planning & Zoning Department

The Planning & Zoning Department is overseen by Planning Director Alison Terry and Planning Assistant Debi Walker. The Planning Department performs technical and professional work related to the implementation of land use policies and compliance with the 2012 Comprehensive Plan. Additionally, the Planning Department is also responsible for enforcing zoning regulations by issuing zoning permits, occupancy permits and sign permits. The Planning Department provides staff support to the Planning Commission and Board of Zoning and Building Appeals.

Planning Commission

The Planning Commission (GPC) is responsible for reviewing proposed development plans, rezoning applications, architectural review applications, and sign applications. The Commission, created by Village Charter, consists of five members appointed by Council, one member of Council who serves in an ex-officio role and one ex-officio member appointed by the Granville School District Board of Education. The GPC meets on the 2nd and 4th Mondays of each month at 7:00pm.

During part of 2013, Tim Ryan served as the Chair of the GPC with Tom Mitchell as Vice Chair. Following Tim Ryan's resignation from the Commission, Tom Mitchell served as Chair with Stephen Hawk as Vice Chair. Members Jack Burriss, Doug Eklof, Jean Hoyt also served on the Commission. Doug Eklof and Dennis Cauchon represented the Granville School Board with Jeremy Johnson serving as the Village Council ex-officio member.

During 2013, the Planning Commission heard 58 applications, conducted various work sessions and reviewed zoning code modifications.

Board of Zoning & Building Appeals

The Board of Zoning & Building Appeals (BZBA) is responsible for hearing variance applications, conditional use applications and non-conforming use applications. The BZBA meets on the 2nd Thursday of each month at 7:00pm.

In 2013, Jeff Gill served as the Chair with Bradley Smith serving as Vice Chair. Larry Burge, Kenneth Kemper, Scott Manno and Neal Zimmers served as Board of Zoning & Building Appeals members.

During 2013, the BZBA heard 15 variance applications and 2 conditional use applications. There were no non-conforming use applications filed.

Rule of Thumb

Anytime you are making an exterior physical change to property inside the Village limits, it is a good idea to contact the Village Planner at 587-0707 before you hire an architect or contractor or proceed with any work on the property.



www.granville.oh.us

Notable Projects of 2013

- Raccoon Creek, LLC Development
 - A. Annexation of property
 - B. Zoning district assigned as Village Gateway District (VGD)
 - C. Conditional Use approval for assisted living facility
 - D. Architecture and site plan approval for assisted living facility
 - E. Lot split approval

- Zoning District Assignments
 - A. Denison University property at the corner of North Pearl Street and New Burg Street
 - B. Kiwanis and Village service department properties on Lancaster Road and Old River Road

- Funding
 - A. LCATS/ODOT Funding—The Village successfully secured \$1,193,662 in federal funding through LCATS/ODOT for fiscal years 2013-2018 for various roadway resurfacing projects. In 2013, Cherry Valley Road, south of State Route 16, was milled and paved.
 - B. Cherry Valley Road Interchange LCATS/ODOT Funding—Village staff secured funding through ODOT's Transportation Alternatives Program for a multi-use pathway and improvements for the proposed Cherry Valley interchange project.
 - C. OPWC Funding—The Village successfully secured an additional \$60,000 in grant funding and a \$194,813.10 loan through the Ohio Public Works Commission for the resurfacing of East and West Broadway and Newark-Granville Road.
 - D. ODNR Funding with Granville Township—Village staff secured an additional \$150,000 in funding through the Ohio Department of Natural Resources on behalf of Granville Township for the construction of the Raccoon Valley Park pedestrian bridge project.

- Utility Mapping Project

A coordinated project with Welland Consulting Group to update the digital utility mapping of all storm water, sanitary sewer and water lines within Village limits.

- Zoning Code Revisions

The zoning code revisions approved by Village Council are part of an ongoing code review and modification process to streamline the zoning code to eliminate inconsistencies. Modifications to the zoning code included changes to Accessory Uses and Structures, Suburban Residential District, Institutional District, Swimming Pools, Public Hearing Notice Requirements, Signs and Structural Demolition.

- MORPC/Central Ohio Greenways Trail Forum

The Village co-sponsored a pathways forum event at the Bryn Du Mansion in partnership with the Mid-Ohio Regional Planning Commission.

Granville Police Department

The Village of Granville was founded in 1805 by pioneers from Massachusetts and Connecticut. The crest on the police department patch reflects this migration. In 1962, the present Village Charter was adopted creating a police department.

The Village of Granville Police Department is responsible for ensuring the safety of the community. Officers patrol and respond to calls in a 7.2 square mile area. The GPD is continually building relationships between the department and the community to improve understanding and communication.

The Granville Police Department is comprised of 10 full-time officers, 6 part-time officers, 6 reserve officers, 3 full-time dispatchers, and 6 part-time dispatchers. The Village provides 24/7 protection for Village residents. These officers and dispatchers work very diligently in partnership with Village officials to ensure that the Village remains a safe and secure community to live and work. The goal of the Granville Police Department is to achieve excellence in service, protection and enforcement through professionalism, integrity, proficiency and education.

The GPD provides a number of community related programs to enhance interaction and understanding throughout the community.

- Bike patrols
- School Crossing Guards
- Safety Talks
- Department Tours
- Vehicle Lock-outs
- Safety City
- Special Duty Officers
- Vacation House Checks
- Business Checks



Our officers pride themselves in performing their duties at the highest level of excellence. For more information, please contact Chief Jim Mason at 587-1234.

FINGERPRINTING

Fingerprinting services are available at the Granville Police Department Monday-Friday by appointment only. The fee for fingerprinting services for Village residents is \$25 for the Ohio BCI report and \$25 for an FBI report. Payment may be made by check or cash only.



www.granville.oh.us

Granville Police Department



Granville PD 2013

Police Data

- Criminal charges and arrests were down 15% in 2013 from 282 in 2012 to 239—Operating a Vehicle Under the Influence was charged most often
- Foot patrols increased 18% from 5,346 in 2012 to 6,435 in 2013
- Saturdays generate the highest number of complaint calls to the department
- Greatest number of complaint calls are from 5 to 6pm
- 68 hours of Maneuverability & Defensive Driving for 17 officers
- Traffic accidents happen most often on Fridays between 3 and 5pm
- 117 citations were written for speeding in a 55mph zone with excessive speeds of 72 to 86mph

MAYOR'S COURT

The Mayor's Court is the judicial branch of the Village. The jurisdiction of this court is limited to misdemeanor cases involving violations of ordinances of this Village and moving traffic violations. Mayor's Court handled 755 cases in 2013.

POLICE ACTIVITIES

2013

Quantity *Hours*

Patrol Activities

Parking Ticket	140	5
Traffic Citation	978	198
Written Warning	121	15
Traffic Stop	616	55
Radar Detail	1152	278
Traffic Detail	664	230
Vehicle Impound	69	24
Vehicle Check	3600	4
Record Check	2958	0
Person Check	26	2
Foot Patrol	6435	541
House Check	7624	159
Spot Check	2222	93
Courtesy Patrol	90	20
Patrol Time		8037
Total Patrol	26,752	9674

Complaint Activities

Complaint Investigation	3032	802
Complaint Follow-Up	325	113
Non-Injury Traffic Crash	87	42
Injury Traffic Crash	16	10
Traffic Crash Follow-Up	185	107
Incident Investigation	297	133
Incident Follow-Up	921	569
Persons Arrested/Charged	239	0
Misdemeanor Arrest	194	8
Misdemeanor Charges	322	35
Felony Arrest	11	.5
Felony Charges	15	12
Felony Indictment	1	.3
Court Appearance	48	56
Total Complaints	5454	1887

Administrative Activities

Meals	1258	611
Break	1179	295
Equipment Maintenance	2083	280
Refuel	919	75
Special Detail	2068	225
Administrative Detail	670	353
Training Detail	82	153
Council/Commission Mail	381	7
Briefing	3233	189
Total Administrative	11,873	2189

Grand Total **44,079** **13,750**

Total Miles **86,852**

Fuel Utilized **8,988**

Service Department

The Granville Service Department is primarily responsible for the improvement and maintenance of streets, roads and public thoroughfares of the Village including street cleaning, tree trimming and removal, snow removal, leaf pick-up, monthly brush pick-up, trash pick-up, miscellaneous clean-up, dead animal disposal, street traffic lights, street lighting and maintenance of 120+ acres of Village property. Staff consists of one director, one supervisor, four equipment operators, two tree trimmers, one mechanic and seasonal employees as needed.

The department maintains 27 miles of streets and is responsible for pot-hole repairs, crack sealing, berm repair, street sweeping, guardrail repair, and street signs. The department also installs, repairs and replaces 209 street lights and traffic control signals.

Many facets of the Village are directly enhanced by the work of the service department including placement of banners, flags and holiday decorations. In addition, the department is responsible for placement of barricades for special events such as the 4th of July Celebration, block parties, Great Granville Picnic and a variety of community events.



Equipment Maintenance

Service Department	209
Police Department	111
Water Department	21
Wastewater Department	<u>21</u>
Total Work Orders	362

Miscellaneous

624 hours ground maintenance

893 hours storm sewer maintenance

Tree & Landscape Commission

Through the combined efforts of the Tree & Landscape Commission and the service department, the Village of Granville has been recognized as "Tree City USA" since 1991 by the National Arbor Day Foundation. Tree City USA recognizes communities who effectively manage their tree resources. Granville is one of only 248 such cities designated statewide.

For over a decade, the service department has been performing all tree maintenance and removals. In 2013, the Tree & Landscape Commission planted 45 trees in the Village totaling \$10,595. The service department trimmed 747 trees and removed 213 trees due to age, decay or unsafe conditions.

A significant feature of Granville's street tree population is the computerized inventory of the Village's 4,460 right of way trees.



Service Department

2013 Capital Improvement Projects

All pavements require maintenance due to the loads and stresses working on pavements. Natural stresses caused by moisture and temperature changes can cause fatigue on pavements. Repairing cracks and other surface breaks routinely help prevent serious defects. It is cost effective if minor defects are corrected quickly and pavement sealed routinely to protect against intrusion of water and deterioration.

Ongoing road, water, storm and sanitary sewer capital improvement projects in 2013 were:

<u>Costs</u>	\$ 359,028.17
<u>Milling and Paving of South Cherry Valley Road</u>	\$ 30,804.00
<u>Milling and Paving of Jones Road</u>	\$ 187,840.52
<u>Asphalt Overlay of River Road</u>	\$ 9,039.25
<u>Pedestrian Walkway, Parking Lot and Storm Sewer</u>	\$ 82,488.40
<u>West Broadway Curb and Gutter Installation</u>	\$ 19,858.00
<u>West Broadway Sidewalk from North Plum to Sugar Loaf</u>	\$ 16,215.00
<u>Village Hall Sidewalk and Storm Sewer</u>	\$ 12,783.00

Miscellaneous Street Maintenance

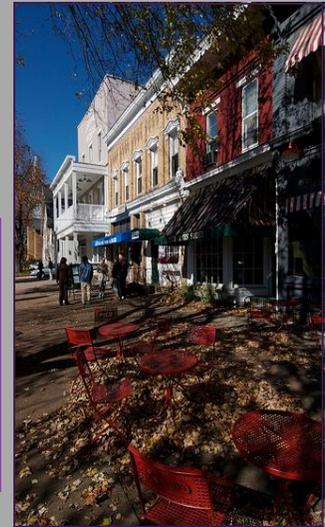
- 22.75 tons of cold-patch was applied
- 3,053.64 pounds of crack sealing material applied
- 12 LED light bulbs and 27 sodium bulbs were replaced
- 29 loads of brush picked-up for a total of 780.5 hours
- 126 loads of brush were chipped for a total of 1,980 hours

www.granville.oh.us



Fall Leaf Pick-up— Statistics

Total staff hours = 1,011
 12 week program
 108 loads of leaves (1,620 cubic yards)



Snow and Ice Control

27 miles of roadway to clear
 390 tons of rock salt/grits applied
 1,107 staff hours

Water Department

The Village's goal is to provide our customers with safe water, both chemically and bacteriologically for all domestic purposes. Granville's water treatment plant has been in continuous service since 1969. Raw well water is aerated, coagulated, flocculated, put through a sedimentation process, recarbonated, filtrated, chlorinated and fluoridated, which produces a high quality drinking water that complies with all present Ohio EPA standards for public drinking water supplies.

Daily and peak demand continues to be easily met at present, since the design flow is two million gallons per day. In 2013, the average daily pumpage was 0.693 MGD, with a peak flow of 0.902 MGD on September 10, 2013 and a minimum flow of 0.501 MGD on January 1, 2013. The total flow for the year was 252.849 MG. The plant serves about 5300 customers through 1680 service connections including Denison University, Owens Corning Technical Center, Kendal at Granville, and the Village of Alexandria.

As required by the 1996 Safe Drinking Water Act Amendments, all Granville water customers received the 2012 Consumer Water Quality Report in January, 2013. The 2013 Consumer Water Quality Report was sent in January, 2014. Included in this report is water source, general health information, water quality test results, how to participate in the decision making process regarding your drinking water, and water system contacts. The distribution system consists of 33 miles of water mains of various sizes, 402 fire hydrants, 2 water storage tanks (750,000 gallons capacity), 1,680 water taps, and 3 water booster stations. The water loss ratio, comparing water production to metered consumption, showed an unaccounted for water percentage of about 30%.

Water Treatment History

Granville's first water treatment plant was built in 1885. The project included the water treatment plant, a 93,000 gallon wooden storage tank on Denison University campus, and a 4" water main to convey water from the plant to the tank. Water was pumped uphill by a steam pump. The entire project cost about \$15,000. That first plant was rebuilt in 1929. Revisions and additions were made to this plant in 1939, 1946, and 1960. In June, 1967 general plans for a proposed new water treatment plant were approved by the State of Ohio. In 1969, the present plant and well field at 445 Palmer Lane were put into service. The present plant and well field are located about 1000 feet west of the old plant. That plant was abandoned and sold, but many parts of it are still intact today. The old plant is located beside the viaduct that crosses Raccoon Creek (South Cherry Street).

2013 Water Plant Facts

- **33 miles of waterlines**
- **402 fire hydrants**
- **1680 service connections**
- **0.693 mgd average daily water consumption**
- **252.849 mg total consumption**
- **2 million gallons per day—maximum capacity**



www.granville.oh.us

Water Department

Water Treatment Process

The drinking water supply for the Village is from a well field just west of the treatment plant at 445 Palmer Lane. Currently, three wells are in service. Any one of these three wells is capable of supplying the daily demand for water of about 700,000 gallons. Raw water is pumped to an aerator, which releases trapped gases to the atmosphere and oxidizes iron and manganese dissolved in the water for removal by settling. The water then flows by gravity through the plant. The aerated water enters the flash mix tank where it is rapidly mixed with hydrated lime slurry. Lime-softening causes calcium and magnesium carbonates to precipitate out of the water. The water enters the flocculation tanks (2) where precipitated particles are gently stirred and grow to a larger size, for better settling out of the water. The next step is a settling process. As the flocculated water moves slowly through the settling tanks (4), floc particles settle to the bottom of the tanks as sludge and the water is clarified. Settled water flows through re-carbonation tanks (2), where carbon dioxide is added to the water to adjust the pH to the optimum level. Chlorine is added to the water as it flows into the re-carbonation tanks. Re-carbonated water is then filtered through sand filters (2) to remove any remaining floc particles. A fluoride compound is added to the water flow, which leaves through the bottom of the sand filters. At this point, the treatment process is complete and the water enters a large underground reservoir ready to be pumped to the distribution system. The Village's distribution system consists of three high service pumps, three pressure booster stations, two above ground water storage tanks on the Denison University campus and about thirty-three miles of buried pipe that conveys water to all Village customers including Owens Corning Technical Center, Kendal at Granville, Denison University and the Village of Alexandria.



2013 Water System Highlights

- Updated water distribution system maps
- Exterior of water storage tanks cleaned
- 660,000 gallons of liquid lime was removed from the concrete lime lagoons and applied to local Granville farm fields
- All fire hydrants pressure tested, flushed and painted
- 4 major waterline breaks located and repaired
- Village of Alexandria water contract renewed
- Water and wastewater personnel were cross-trained to operate both plants with one water Class 1 distribution license and one wastewater operator license earned by personnel.

www.granville.oh.us

Treatment Chemicals

Hydrated Lime	608,060 pounds
Carbon Dioxide	59,195 pounds
Hydrofluorosilicic Acid	8,787 pounds
Sodium Hypochlorite Solution	4,931 gallons @ 12% concentration



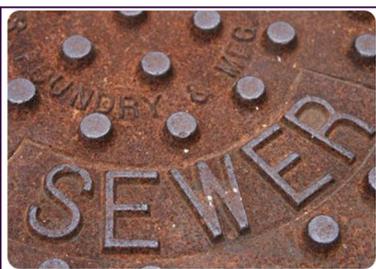
Wastewater Department

The first wastewater treatment facility was constructed in Granville in 1912. This original system was primitive consisting of a single Imhoff combination settling tank and digester followed by a large sand filter. Most of the original six miles of wastewater collection system piping is still in service, having withstood nearly a century of raw sewage passing through it. The current wastewater treatment facility was completed in 1986, with a design flow capacity of 1.224 million gallons per day. It is classified as an extended aeration activated sludge wastewater treatment facility. Raw wastewater first flows through a mechanical bar screen to remove objects larger than 6 millimeters in diameter. This prevents damage and wear to the pumping and aeration equipment. In 2006, a screening washer was installed which reduced screening volume by 90%, making the material practically odor free. The flow is then pumped to the aeration basin for biological treatment.

A mass of microorganisms that occur naturally in wastewater are aerated to remove the Carbonaceous Biochemical Oxygen Demand (CBOD) and ammonia. This treated wastewater flows to secondary clarifiers to allow the heavy materials to sink, while the clear water flows out of the clarifiers into the ultra-violet disinfection system. These settled solids are then returned to the aeration basin. Accumulated solids are removed from the aeration system to maintain the optimum levels of microorganisms. The average daily flow in 2013 was approximately 430,000 gallons per day. The treated wastewater is then discharged into Raccoon Creek

2013 Wastewater Department Highlights

- New stand-by pump installed at the Clear Run Lift Station along with site improvements
- A Sanitary Sewer and Water Back-up Policy was developed to explain ownership of sanitary lines and provide operational and maintenance information
- Grease trap maintenance from food preparation services were enforced with local business owners
- Cross training of wastewater and water personnel to provide increased operations coverage of facilities during after hour times



www.granville.oh.us



2013 Wastewater Plant Facts

- **25 miles of sanitary sewers**
- **8 raw wastewater lift stations**
- **1425 customer service connections**
- **0.439 mgd average daily treated**
- **156.853 mg total flow treated**
- **1.224 million gallons per day maximum capacity**

Wastewater Department

Where do the solids go?

Accumulated solids are removed from the treatment plant aeration system to maintain the optimum levels of micro-organisms for effective treatment. These accumulated solids are treated by aerobic digestion and lateral flow thickening units that were installed in 1996. The addition of lime is used to condition the sludge and reduce odors. The solids are then dewatered by a belt filter press that was installed in 2002. The dewatered solids are then applied to farm land as a nitrogen supplement with a contracted environmental waste spreader.

Miles of piping?

The wastewater division operates a combination sewer cleaning machine for periodic cleaning of the main line sanitary sewers to prevent sanitary sewer overflows and back-ups into buildings. Village staff maintains approximately twenty-five (25) miles of underground piping and eight raw wastewater pump stations which collect raw wastewater from homes and businesses. The Village is committed to maintaining the sanitary sewer infrastructure.

Removal Efficiencies

Ammonia: 98.9% or 37.3 lbs. / day
Suspended Solids: 97.3% or 821.8 lbs. / day
Carbonaceous Biochemical Oxygen Demand (CBOD5): 97.2% or 671.6 lbs. / day

Biosolids Land Applied to Farmland:
48.6 dry tons



Emergency
After hours or holidays, call the
Granville Police Department
(740) 587-1234 24 hours a day

Call Judy Glosinski for questions
regarding water/sewer/refuse bills
@ 587-1400.



Postcards from Granville in 2013

Pelotonia



Bryn Du Art Show



Village Life





Village Contact Information

Village of Granville Contact Information	587-0707	www.granville.oh.us
Steve Stilwell—Village Manager	587-0707	sstilwell@granville.oh.us
Carie Kraner—Finance Director	587-0707	ckraner@granville.oh.us
Mollie Prasher—Clerk of Council	587-0707	mprasher@granville.oh.us
Alison Terry—Planning Director	587-0707	aterry@granville.oh.us
Debi Walker—Planning and Zoning Assistant	587-0707	dwalker@granville.oh.us
Terry Hopkins—Service Director	587-1880	thopkins@granville.oh.us
James Mason—Chief of Police	587-1234	jmason@granville.oh.us
Bobbi Stover—Clerk of Court	587-2338	bstover@granville.oh.us
Rita Williams—Income Tax Commissioner	587-2764	rwilliams@granville.oh.us
Joe Taylor—Utilities Director	587-2304	jtaylor@granville.oh.us
Larry Fruth—Water Superintendent	587-0165	waterdept@granville.oh.us
Judy Glosinski—Water/Sewer Accounting Clerk	587-1400	jglosinski@granville.oh.us
Susan Hand—Village Receptionist	587-0707	
Bruce Cramer—Executive Director Bryn Du	587-7053	bcramer@bryndu.com

Non-emergency Police Department	587-1234	
Non-emergency Fire Department	587-0261	
Granville Post Office	587-0280	
Granville Public Library	587-0196	www.granvillelibrary.org
Granville Sentinel	587-3397	www.granvillesentinel.com
Granville Area Chamber of Commerce	587-4490	www.granvilleoh.com

Village of Granville
 141 East Broadway ~ PO Box 514 ~ Granville, OH 43023
 740-587-0707 740-587-0128 fax
 Web Site: www.granville.oh.us
 Email: village@granville.oh.us

Village Vital Statistics

Founded	1805
Charter Adopted	1964
Form of Government	Village Manager-Council
Population (2010)	3,546
Land Area	7.2 square miles
Miles of Village Roadway	26 miles
Number of Traffic Light Intersections	5
Miles of Sidewalk	22 miles
Households	1,491
Persons per Household	2.52
Median Age	37
Per Capita Income	\$30,276
Median Household Income	\$112,286
Median Housing Value	\$285,000
Average Home Sale Price	\$283,900
Number of Housing Units	4,427
Parks	
Number of Parks	4
Total Park Acreage	75 acres
Playground Areas	Wildwood Park Sugar Loaf
Hiking Areas	Fanchion Lewis Park
Miles of Bike/Walking Paths	7 miles
Property Tax Rate (effective millage)	
Residential / Agricultural	74.720257
Commercial / Industrial	87.230423
Personal Property	115.510
Property Tax Rate (inside millage)	2.5
Income Tax Rate	1.50%
Income Tax Revenues	\$3,175,618.93
General Fund Revenues	\$3,947,481.22
Total Revenues	\$7,232,310.34
Total Expenditures	\$6,848,999.48
Local Schools	
Granville Exempted Village School	2482
Granville Elementary Enrollment	615
Granville Intermediate Enrollment	597
Granville Middle School Enrollment	444
Granville High School Enrollment	826
Granville Christian Academy	280
Welsh Hills School	48

Granville Police Department	
Number of Stations	1
Full-time Uniformed Officers	10
Part-time Uniformed Officers	5
Reserve Officers	3
Granville Township Fire Department	
Number of Stations	1
Full-time Firefighters/Paramedics	10
Intermittent Firefighters/Paramedics	15
Volunteers/EMTs	25
Fire Hydrants	402
Village Lodging	
Hotels	2
Bed & Breakfasts	25
Village Restaurants	22
Large Area Employers	
Denison University	
Granville Exempted Village School	
Owens Corning	
Kendal at Granville	
Recreation	
Golf Courses	2
Driving Range/Miniature Golf	1

