



**CITY OF  
WADSWORTH**

SINCE 1814

**ENGINEERING**

## 2012 ANNUAL REPORT



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# Duties and Responsibilities

## **Engineering Design and Administration**

### **Projects Administration**

- Complete design and management from start to finish including the determination for need, cost estimates, legislation requirements, surveying, engineering, preparation of project documents, procure bids, administer project, inspect and close out the city project.
- Conduct analyses and prepare responses on capital project proposals, and provide on-going reports on projects, attend meetings, and coordinate project work with other City staff and departments. Track and monitor all project activities; review work under construction to make sure that all new construction and alteration work being performed by contractors complies with plans, specifications and codes
- Design manage and administer all aspects of improvements for the City of Wadsworth Airport including land acquisition, master planning, overseeing the Airport Aviation Consultant and infrastructure improvements.
- Provide the administration, council and public with information and answers to questions regarding planned improvements throughout the year.
- Prepare resolutions, ordinances, easement agreements, and legal descriptions.
- Manage the Annual City Programmed Projects including; Annual Bid, Sidewalk Program, Street Improvement Program, Hydrant Numbering Program, Traffic Counts, Street Sweeping, Capitol Asset Program, Dry Basement program and FOG program.
- Prepare assessment roles for Annual Sidewalk Program.

### **Grant Applications and Administration**

- Coordinate and lead the activities to search, apply, and implement grants that support programs and capital improvement projects for Public Works, and other various City departments.
- Provide granting agencies reports regarding grant status and compliance with requirements as needed for several grant projects.
- Coordinate and plan scheduling of activities in accordance with funding guidelines
- Review revenues and expenditures, project status, to ensure proper implementation of funds.
- Attend meetings and seminars at the Northeast Ohio Area wide Coordinating Agency and Ohio Public Works Commission regarding applications and administration grants for infrastructure and park improvements.

# Duties and Responsibilities

- Prepare preliminary cost estimates, plans and submit applications for the Ohio Airport Grant Program and to the Ohio Public Works Commission grant programs.

## **General Engineering Services**

- Act as liaison with consultants, contractors, engineers, developers and utility companies for public improvement projects
- Continue design standards and specification updates and revisions.
- Provide guidance for traffic control signage and installation according to the Ohio Manual of Uniform Traffic Control Devices
- Perform special traffic counts as requested by the Safety Department and as required by consultants for engineering studies.
- Manage the implementation of the City's NPDES permit requirements.
- Issue Right of Way Permits
- Perform cost estimates of various projects.
- Calculate various sanitary sewer and water tap fees.
- Provided property owners with the design of residential drive culverts.
- Prepare pipe sizing and cost estimates for several front and rear yard storm sewers
- The department also provides professional surveying services in support of public and private projects.
- The department performs topographic surveys for City property to develop improvement plans and specifications.
- The department performs boundary surveying for dedication of public roadways and/or the creation of easements.

## **Department Administration**

- Provide engineering services for all City Departments.
- Provide information and recommendations for monthly Public Ways and Public Service Council Committee
- Monitor, compile, track and invoice private project development billing.
- Hold monthly Stormwater Commission meetings to prioritize and rate the Stormwater Utility projects
- Attend county Stormwater committee meetings
- Attend Airport Commission and Public Service meetings
- Work on Safety Committee and conduct weekly safety meetings as required by OSHA
- Work with the County on the Road Maintenance agreements
- Maintain Engineering Department project status, hold weekly staff meetings and coordinate scheduling of work
- Maintain and update the central filing system
- Comply with the City's Records disposal policy
- Maintain department time records for payroll and billing purposes.
- Monitor **2012** expenses and prepare **2013** Budget
- Perform yearly evaluations and reviews for all employees

# Duties and Responsibilities

- Continue job related educational training and professional development hours
- Upgrade and maintain computer network hardware and software in the department and update our AutoCAD software.
- Attend LTAP training seminars

## **Engineering Technical Review**

- Review and comment on traffic studies prepared by consultants for local developments.
- Perform plan review and storm water calculations for subdivision and site developments.
- Review and approve grading plans for compliance with current Erosion control standards.
- Review and issue Road Opening Permits.
- Administer project bonding, escrows and releases.
- Work with the Planning Department on development matters included preliminary review, site plan approvals, plat review, final inspections and escrows, zoning and boundary problems, drainage problems, etc.

## **Construction Inspection**

- Complete inspection services for the installation of proposed City infrastructure to insure compliance with the approved plans and specifications.
- Responsible for Right of Way inspections of excavations in paved and unpaved areas, installation of above and below ground facilities and any activity that obstructs or impedes traffic.
- Inspect new sewer lateral construction (Storm & Sanitary).
- Inspect new sidewalks, curb ramps, and drive aprons.
- Inspect natural gas and other outside agency impacts to the roadway.
- Investigate and resolve storm, sanitary, and water main problems.
- Coordinate the review and design of the traffic signal system throughout the City.

## **Mapping and Records Management**

### **Records Administration**

- Produce various city maps showing a variety of information and provide them to the public, other departments, schools, council, etc.
- Calculate and map the infrastructure inventory for the sanitary sewer, waterline, storm sewer and pavement capital assets added or removed in **2012**.
- Update and maintain standard drawings.
- Provide records and base maps to consultants and outside agencies.

# Duties and Responsibilities

- Maintain records of all City owned parcel, verify tax records and apply for exemptions.
- Update databases: Detention/Retention basin within the City, Grease traps, Sewer permits, Sewer records, As-builts, Plats, Deferred Assessments, Traffic Counts, Benchmarks, GPS Monuments, and the Document Tracking database.
- Update records, indexes, utility maps, house numbers, tax map and city map for each new subdivision and annexation.
- Perform field reconnaissance for benchmarks to verify existence or condition and update index
- Assign new address for all new lots within the City.
- Perform maintenance and upgrades to City Engineering web page.

## **Public Assistance**

- Provide assistance on all Engineering and traffic related inquiries, concerns and complaints.
- Assist individuals with tax maps, topographic maps, storm sewer, sanitary sewer and water main locations, fencing issues, easements, surveying issues, floodplains, etc.
- Investigate storm water problems and give recommendations or suggest solutions.
- Provide engineering services in regards to their onsite utility and or grading issues.

# Department Staff

The Department of Engineering is staffed with a full-time Engineering Services Manager/City Engineer, an Engineering Services Supervisor/Deputy City Engineer, two Civil Engineers, one Engineering Office Assistant, and four Engineering Technicians. The Department's nine (9) full-time employees have one hundred seventy five (175) years of professional experience and **one hundred fifteen (115) years of dedicated City service.**

**Engineering Services Mgr./City Engineer: Thomas L. Tucker, P.E., P.S., CMS4S**

**Related Education:** Bachelor of Science Degree in Civil Engineering-  
University of Akron 1982.

**Professional Development/Continuing Education:** In both Engineering and survey related education.

**Experience:** Tom graduated from the University of Akron in 1982 with a Bachelor of Science Degree in Civil Engineering. He then went on and continued his education to obtain his survey license. Tom specializes in working with engineering design, construction, inspection, and management of public and private developments, utilities and infrastructure, as well as surveying. Tom has been employed by the City of Wadsworth since June 13, 1994 and he has held his current position as City Engineer since 2005.

**Professional Engineer PE# 51991      Professional Surveyor PS# 7600  
Certified Professional Municipal Separate Storm Sewer System Specialist  
#0144**

**Engineering Services Supervisor: Larry D. Jenkins Jr., P.E., P.S., C.P.S.W.Q.**

**Related Education:** Bachelor of Science Degree in Civil Engineering-  
Youngstown State University, 1992.

**Experience:** Larry graduated from Youngstown State University in 1992 with a Bachelor of Science Degree in Engineering. He followed with classes at the University of Akron to obtain education requirements for his survey license. Larry has been employed by the City of Wadsworth since May 19, 1993 as the Civil Engineer I, II, and III, and has held his current position as Engineering Services Supervisor since 2005.

**Professional Engineer PE# 61703      Professional Surveyor PS# 8022  
Certified Professional Storm Water Quality #0708**

# Department Staff

## **Engineering Office Assistant: Deborah A. Siebert**

**Related Education:** Associates Degree in Office Administration/Management, Including Certification as Office Software Specialist. Recognized by Golden Key International Honor Society, and as Outstanding Woman Student for 2004.

**Experience:** Deborah earned her Associates Degree in Office Administration/Management, including Certification as Office Software Specialist as a graduate from Akron University/Wayne Campus. She was recognized by Golden Key International Honor Society, and also as outstanding Woman Student for 2004. Debbie's experiences as Engineering Office Assistant entail completing tasks such as: project tracking and billing, inspection scheduling, wage compliance for all bid city projects, and maintaining the citywide Central Filing System including as-built, plan and plat database/filing. Deborah has been employed by the City of Wadsworth since March 20, 1995 (part-time) April 16, 1997 (full-time) and has held her current position as Engineering Office Assistant since 2006.

## **Civil Engineer III: James M. Bozigar, P.E., S.I.**

**Related Education:** Bachelors of Science Degree in Civil Engineering - University of Akron, 1996.

**Professional Development/Continuing Education:** Boundary surveying, subdivision design, route surveying, boundary control and legal principles, water system modeling, sewer modeling, computer aided drafting and surveying, storm water management, real estate land acquisition for construction projects, ethics, access management, road drainage, employment and labor law, roadway safety, Ohio land law

**Professional Organization Affiliation:** American Society of Civil Engineers (ASCE)

**Experience:** Jim graduated from the University of Akron in 1996 with a Bachelors of Science Degree in Civil Engineering. He is licensed in the State of Ohio as a Professional Engineer and a Surveyor Intern. Projects have included inspecting the construction of new interstate bridges, creating a computer model of a sewer system for the elimination of sanitary sewer overflows (SSO) and combined sewer overflows (CSO), airport construction and planning, water mains, park shelters, play structures, sanitary sewer pump stations, sanitary and storm sewers. Jim has been employed with the City of Wadsworth since April 10, 2000, and has held his current position as Civil Engineer III since 2005.

**Professional Engineer PE# 65084**

**Surveyor Intern (SI).**

# Department Staff

## **Civil Engineer III: Joshua E. Wolf, P.E., CPESC**

Certified Professional in Erosion and Sediment Control #6382

**Related Education:** Baccalaureate of Science in Food, Agriculture and Biological Engineering (FABE)-The Ohio State University 2000.

**Professional Development/Continuing Education:** Hydrology, Storm Sewer Design, Roadway Design, Contract Management, Computer Aided Drafting/Design

**Experience:** Josh graduated from The Ohio State University with a Baccalaureate of Science in Food, Agriculture and Biological Engineering (FABE) in 2000. He specializes in Storm Water Management, but has several years experience in Site Development and Roadway Design. Josh has been with the City of Wadsworth since November 21, 2005 as Civil Engineer III.

**Professional Engineer PE# 69194**

## **Engineering Technician III: Luther (Luke) R. Spaulding**

**Related Education:** Associate Degree in Applied Science in Computer Aided Drafting and Design, West Virginia State University 1997

**Experience:** Luke earned his Associate Degree in Applied Science in Computer Aided Drafting and Design from West Virginia State University in 1997. Prior to working for the City of Wadsworth Engineering Department, Luke had worked at NASA Lewis Research Center (now NASA Glen) for two years and twelve years in construction and five years in accounting. Luke has been employed by the City of Wadsworth since September 30, 1998 as an Engineering Tech II and has held his current position as Engineering Tech III since 2002.

## **Engineering Technician II: Eric D. Buie**

**Related Education:** Bachelor of Science Degree in Engineering Geology from The University of Akron, 2001.

**Experience:** Eric graduated with a Bachelor of Science Degree in Engineering Geology from The University of Akron in 2001. Eric has been employed by the City of Wadsworth since June 14, 1993 (part-time), June 24, 2002 (full-time) and has held his current position as Engineering Tech II in the Engineering Department since 2006.

## **Engineering Technician II: Zachary J. Johnson**

**Related Education:** Two years of general education at Mount Union College. Professional Development and continuing education in Computer Aided Drafting/Design, Construction Procedures and inspection, surveying, asset management and yearly tracking, GASB 34, certified ACI concrete field testing tech.—Grade 1.

# Department Staff

**Experience:** Zach completed two years of general education at Mount Union College. He has professional development and continued education in Computer Aided Drafting/Design, construction procedures and inspection, surveying, asset management and yearly tracking. He has had on-the-job training in computer aided drafting, construction inspection, surveying and asset management since 2003. Zach has been employed by the City of Wadsworth since May 12, 2003 (part-time) and since March 27, 2005 (full-time), and has held his current position as Engineering Tech II since 2007.

## **Engineering Technician II: Steve E. Trzcinski**

Steve interviewed and was selected to become the Street Department Superintendent in April of 2012.

## **Engineering Technician I: Douglas P. McLaughlin**

**Related Education:** Associates Degree in Applied Science and Construction Technology. University of Akron, June 1974.

**Experience:** Incorporated and Sole Proprietorship Business, Sept. 1986-2012. Design and layout for Lot Improvement plans in various communities. Created plats for major and minor subdivisions in Ohio. Managed reports of survey findings for Ohio EPA; U.S. Corps of Engineers. Prepared as built drawings and certifications of compliance for Public Utilities. Doug was hired to replace Steve Trzcinski in November of 2012.

**State of Ohio Professional Surveyor Registration, #6688, July 1980**  
**State of Colorado professional Surveyor Registration #23509, June 1985.**

**Co-op College Students** Students are working towards a BS in Civil Engineering

### **Robert Drsek,**

**Related Education:** Rob attends The University of Akron and worked part time as a college Co-op from January through May.

### **Brad Booth,**

**Related Education:** Brad attends The University of Akron and worked part time as a college Co-op from May through December.

### **Kelley Steigerwald**

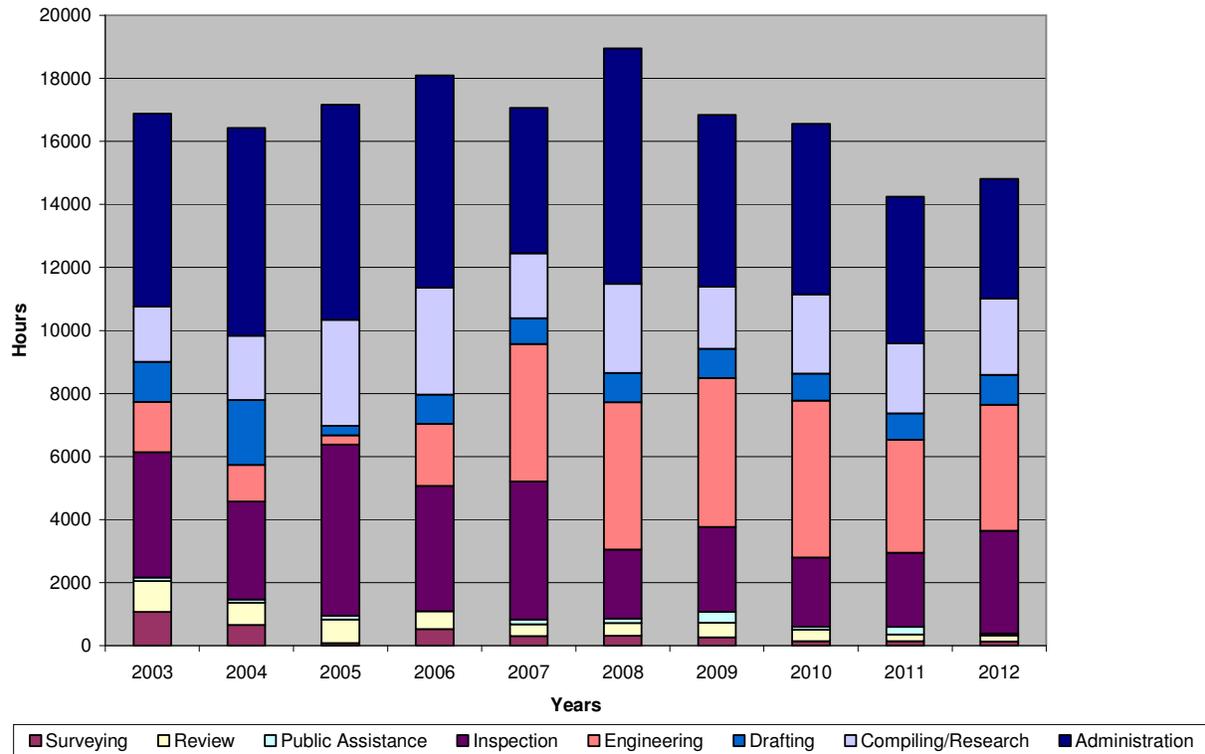
**Related Education:** Kelley attends The University of Akron and worked part time as a college Co-op from October through December.

### **John Meaney**

**Related Education:** John attends The University of Akron and worked part time as a college Co-op from October through December.

# Department Time Distribution

## 2003-2012 Total Time

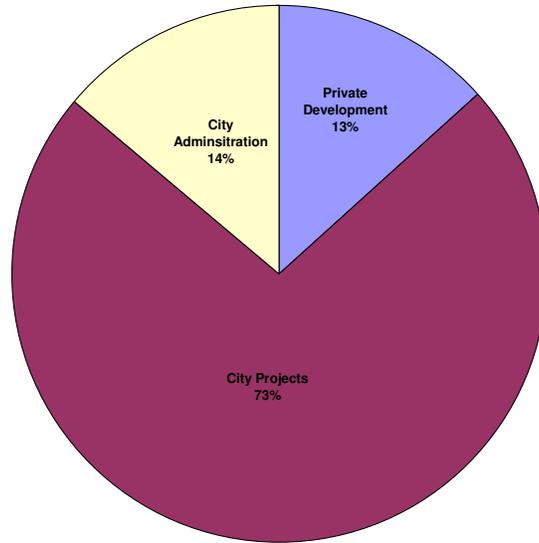


### Note:

2008 was the first year we have included summer students and college co-op time in our total time summary. This added an additional 2386 hours to the 2008 total time, 498 to the 2009 total time, 451 to the 2010 total time, 752 to the 2011 total time, and 1393 to the 2012 total time. For yearly comparisons-the 2008 time would be 16,560 hours, the 2009 time would be 16,338, the 2010 time would be 16,100 hours, the 2011 time would be 13,494, the 2012 time would be 13,413 hours without them. Note: In 2011 we no longer tracked the City Engineer's time.

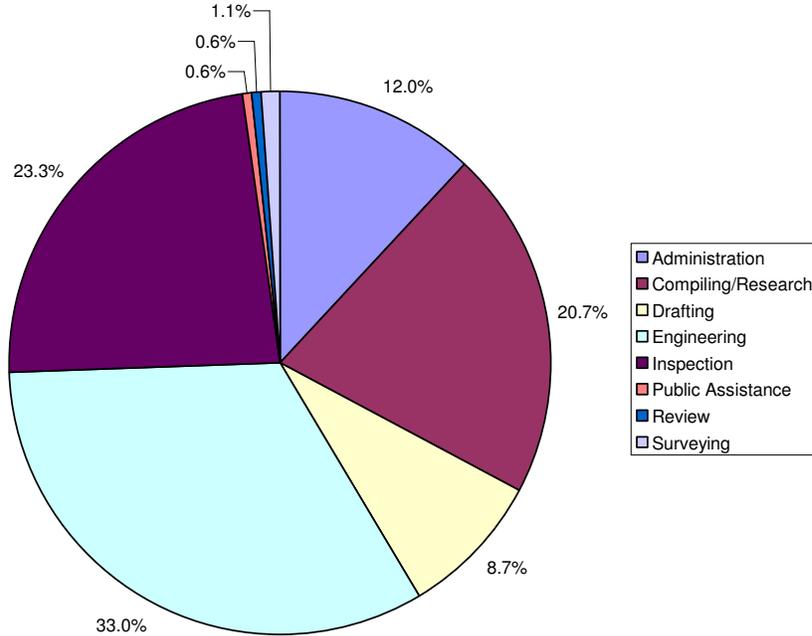
# Department Time Distribution

**2012 Total Time Distribution**



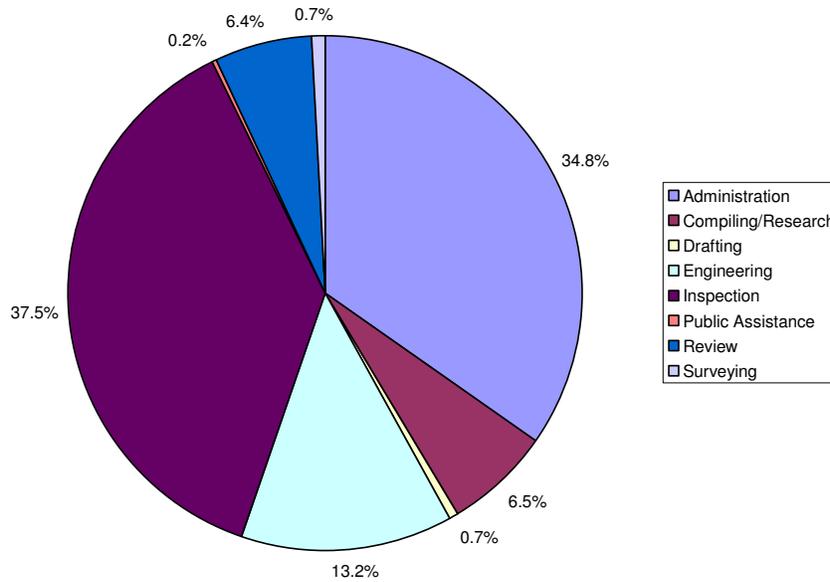
Engineering Department Time is broken into three major categories. Time spent on City Projects, Private Projects and City Administration

**2012 City Project Time by Category**

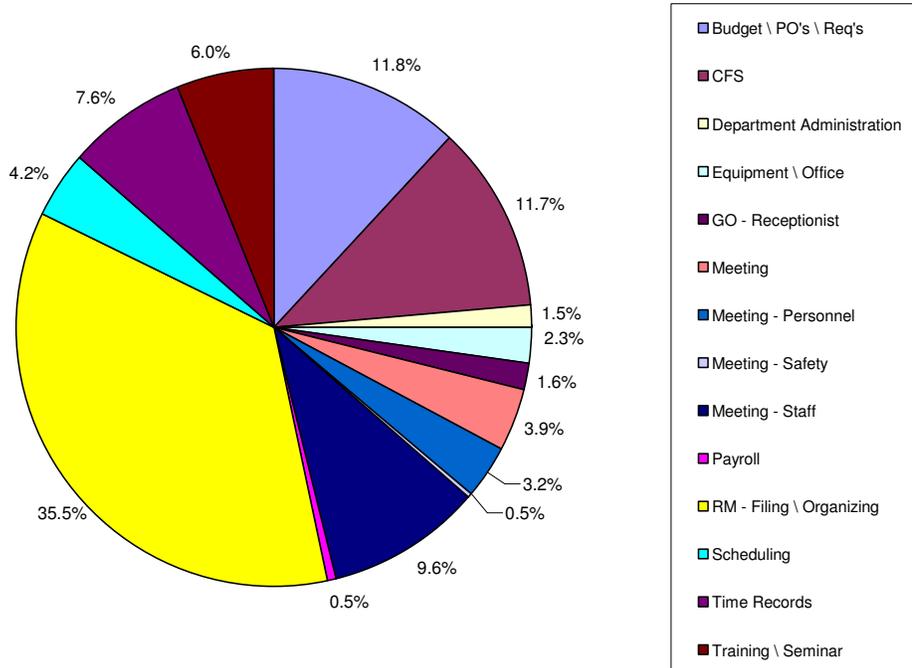


# Department Time Distribution

2012 Private Project Time by Category



2012 City Administration Time by Description



## **Engineering Design and Administration**

The department provides complete project design and management from preliminary planning to escrow close out. These tasks include the determination for need, cost/benefit analysis of alternatives, legislative requirements, surveying, engineering, drafting of plans, preparation of project documents, procurement of bids, administration, inspection and project close out.

From 2001 to 2006 the contracts averaged around \$500,000 per year. But, since 2007 the contracts have averaged 2.5 million dollars per year. In 2012 the Engineering department managed 42 individual contracts which consisted of construction and professional services contracts that total in excess of 3.2 million dollars.

The department administers project bonding, escrows and releases. In 2012 the department managed 2.7 million dollars worth of maintenance, performance or trench settlement bonds at 21 different banking institutions.

## City Contract & Project Summary

<u>Project Name</u>	<u>Job No.</u>	<u>Spent in 2012</u>	<u>Status</u>
<b>Rogue's Hollow Waterline/Well Field</b>	<b>2005-600</b>	<b>\$617,385</b>	<b>Complete</b>
<p>The Engineering Department worked with 4 contractors on the construction of the 20" Raw water main and new well. Installation of the 20" water main is complete. Operation of the system began in August of 2012. The total project cost for the construction of this project was approximately \$4,500,000.00. See additional write up summary for more information.</p>			
<b>Concord Detention Basin Maintenance</b>	<b>2006-214</b>	<b>\$0</b>	<b>Ongoing</b>
<p>The City has contracted with G &amp; G Excavating for \$56,918 to complete the maintenance project. The project includes removal of approximately 1,000 CY of sediment and the rerouting of several pipes and structures in the basin. The final grading and shaping of the basin will occur in the spring of 2013.</p>			
<b>High Street Widening</b>	<b>2006-320</b>	<b>\$64,601</b>	<b>Design</b>
<p>The Engineering Department negotiated the design contracts with GPD Associates to perform the final design of the widening of High Street from West Street to Smokerise intersection. The design plans should be complete in 2013, the right of way should be obtained in 2014 and construction will hopefully occur sometime in 2015 or later. See additional write up summary for more information.</p>			
<b>Northeast Water Tower</b>	<b>2007-125</b>	<b>\$1,114,871</b>	<b>Complete</b>
<p>Chicago Bridge and Iron began construction in late 2010. Construction of the tank was completed in fall 2012. The entire cost for the project when completed for construction and professional services will be \$1,877,577. See additional write up summary for more information.</p>			
<b>Brookwood Lift Station</b>	<b>2007-416</b>	<b>\$53,800</b>	<b>Design</b>
<p><i>Contract "A" - Force Main:</i>            The Engineering department contracted with Engineering Associates for the design of the replacement to the Brookwood Lift Station Force Main. Contract "A" was bid in 2012 and awarded to Precise Boring for \$224,213 and will start construction in 2013.</p>			
<p><i>Contract "B" - Site Work:</i>            The Engineering Department prepared a site plan for the on-site sanitary sewer, storm sewer, and grading for the pump station. This project was awarded to Kent's Excavating for \$74,935 and will start construction in 2013.</p>			
<p><i>Contract "C" - Pump Station:</i>            The Engineering Department prepared a plan set to build a building similar to the pump station building at Wadsworth Crossings. Bids were received and all bids exceeded the project budget and were rejected. The decision was made to proceed with ordering the pumps and enclosure directly from Gorman-Rupp for \$250,000 including appurtenances. Informal bids were received for the additional work necessary to excavate and backfill the wet well. This additional work was awarded to Kent's Excavating \$47,820.</p>			

## City Contract & Project Summary

<u>Project Name</u>	<u>Job No.</u>	<u>Spent in 2012</u>	<u>Status</u>
<b>Broad/Silvercreek Signal</b>	<b>2007-417</b>	<b>\$0</b>	<b>Design</b>
<p>The Engineering department worked with GPD on the evaluation of signal warrants for the Broad/Silvercreek traffic signal. The signal was not warranted utilizing the current traffic. The engineering department performed a speed study along Broad street to determine the 85th percentile speed to supplement the GPD warrant analysis. The signal will be re-evaluated once the new school and pool are complete and operational.</p>			
<b>State/Main Street Culvert Extension</b>	<b>2008-428</b>	<b>\$56,889</b>	<b>Complete</b>
<p>The City of Wadsworth designed a culvert extension for the channel on the East Side of the Main Street. Fioritto Construction was awarded the contract for \$56,889 and completed the work including the installation of 60" and 78" diameter culverts and appurtenances.</p>			
<b>Reedy Detention Basin Maintenance</b>	<b>2009-402</b>	<b>\$11,153</b>	<b>Ongoing</b>
<p>The City contracted with Thompson Excavating for \$13,809 to complete the maintenance project. The project included removal of approximately 1,200 CY of sediment that had accumulated in the basin over the last 40 years, as well as the removal of damaged pipes and catch basin. The final grading and shaping of the basin will occur in the spring of 2013.</p>			
<b>Weber Drive Improvements</b>	<b>2009-442</b>	<b>\$239,272</b>	<b>Ongoing</b>
<p>The City contracted with the URS Corp to design a new 12" waterline, a gravity sanitary sewer to eliminate an existing lift station as well as add in extra capacity for it to be extended as a future trunk sewer, and a new box culvert to replace two undersized elliptical pipes. The project was bid and awarded to Wenger Excavating for \$972,974 construction began in October 2012.</p>			
<b>Airport Land Acquisition – Wurgler</b>	<b>2010-245</b>	<b>\$1,106</b>	<b>Closed Out</b>
<p>The city contracted with Michael Baker, Jr., Inc. to perform acquisition services for the Wurgler parcel at the corner of Weber and Airport Drive. A grant in the amount of \$29,093 from the FAA was received to reimburse the City for the purchase and acquisition costs.</p>			
<b>Airport Land Acq. – Weyer/Carson</b>	<b>2010-246</b>	<b>\$27,831</b>	<b>Ongoing</b>
<p>The city contracted with Michael Baker, Jr., Inc. to perform acquisition services for four parcels located in the "through-the-fence" hangar area adjacent to the airport. The City was approached by the property owners who are interested in selling to the City. The City purchased two of the parcels for \$221,481 in 2012. The City will apply to the FAA for a reimbursement in 2013. The other two parcels will likely be bought in 2013.</p>			
<b>Stratford Avenue Water Line</b>	<b>2010-410</b>	<b>\$503,160</b>	<b>Closed Out</b>
<p>The City bid the project and awarded it to Liberta Construction for \$499,972. The project replaced the water line along the entire length of Stratford Avenue and along Sunset (high side) from Stratford to N. Avon.</p>			

## City Contract & Project Summary

<u>Project Name</u>	<u>Job No.</u>	<u>Spent in 2012</u>	<u>Status</u>
<b>2011 Sidewalk Program</b> Administered bid and awarded to Liberta Construction. Performed field inspection; prepared final contract documents, change orders and payments; finalized project costs, recalculated assessment roles, mailed bills. Streets included the Hidden Valley area, Ault, Bergey, Rainbow, State Street, and Walnut. All curb ramps in this area were brought up to ADA standards if necessary. The sidewalk program is a yearly project that the City of Wadsworth Engineering Department takes on and awards to a contractor to replace and repair certain city lots sidewalks.	<b>2011-250</b>	<b>\$74,781</b>	<b>Complete</b>
<b>2011 Street Imp. Program Contract -</b> The City of Wadsworth closed out the 2011 Street Improvement Program. The project was completed and all retainage was released.	<b>2011-270</b>	<b>\$1,937</b>	<b>Complete</b>
<b>Dry Basement Program</b> The City contracted with Michael Benza and Associates to complete the investigation portion of the program for thirty-five houses at a cost of \$25,600. The consultant will recommend improvements to be made at each individual property to eliminate the basin flooding that is occurring.	<b>2011-298</b>	<b>\$17,920</b>	<b>Design</b>
<b>SR94 Tank Rehabilitation</b> The City contracted with Dixon Engineering to prepare specifications for the rehabilitation of the SR94 Tank. This included painting and steel repairs. This project was advertised in the spring but was cancelled before bids were received due to funding for the project being removed.	<b>2011-411</b>	<b>\$2,500</b>	<b>Design</b>
<b>Durling Drive Sanitary Sewer Lining</b> The City designed, bid and awarded to United Survey the contract for the spot lining and spot repairs of approximately 1000 lineal feet of 10 inch Sanitary sewer along Durling Drive. This contract was completed in early 2012.	<b>2011-412</b>	<b>\$31,577</b>	<b>Complete</b>
<b>398 West St. Drainage Improvements</b> The City completed the design of a storm outlet for properties along West street and Tolbert Ave. The construction was complete in early 2012 by Thompson Excavating. The total project cost was \$14,000. The City performed all inspection.	<b>2011-420</b>	<b>\$7,276</b>	<b>Complete</b>
<b>Rainbow St. Storm Imp</b> The City contracted with Thompson Excavating for \$7,000 to construct a drainage swale and install 12" storm sewer and catch basins. The work was completed in early 2012.	<b>2011-428</b>	<b>\$6,760</b>	<b>Complete</b>
<b>AP Station Demolition</b> The City awarded the environmental clean up portion of the Demolition to Basic Products. The Asbestos was removed and the tanks were cleaned. The City contracted with Keiper Excavation to complete the remaining demolition per plan for an complete cost of \$35,000.	<b>2011-436</b>	<b>\$10,213</b>	<b>Complete</b>

## City Contract & Project Summary

<u>Project Name</u>	<u>Job No.</u>	<u>Spent in 2012</u>	<u>Status</u>
<b>Baldwin / Simcox Culvert Imp.</b>	<b>2011-448</b>	<b>\$32,906</b>	<b>Design</b>
<p>The City has contracted with Engineering Associates to complete the design of replacing these two undersized culverts with upsized systems designed to handle the 100 year flow. The City also contracted with Keiper Excavating for emergency repairs to the Baldwin Stream retaining wall. Baldwin Street culvert has been selected as our potential 2013 OPWC Grant project. The Simcox Street culvert is slotted for construction in 2014 or 2015.</p>			
<b>Sunset Blvd. Ditch Enclosure</b>	<b>2011-450</b>	<b>\$8,942</b>	<b>Complete</b>
<p>The City completed the design for phase 3 of the ditch enclosure along Sunset Boulevard. This phase completed all open sections on the north side of the road west of Avon Avenue. The project was constructed by HSH Construction in early 2012.</p>			
<b>Seville /State Traffic Study</b>	<b>2011-454</b>	<b>\$0</b>	<b>Complete</b>
<p>The City completed a traffic study of this intersection to determine if a four way stop was warranted. The OMUTCD was used to evaluate the intersection for both traffic volumes and geometry. The four way stop was determined to be appropriate based on geometry. The intersection was upgraded in April 2012.</p>			
<b>Plan Review/Inspection Fee update</b>	<b>2012-002</b>	<b>\$0</b>	<b>Complete</b>
<p>The Engineering Department updated and re-analyzed the methodology used to calculate the estimated deposits required for plan review and inspection. This was done to allow the deposit to more closely align with the actual hours required for plan review and inspection. This update incorporates data from 135 projects over the last 10 years and moves away from only a straight line relationship to allow for the complexity and scope of each project. The new methodology created ten possible deductions to more closely align with the effort required to complete the tasks. This was presented to council and enacted as an ordinance in 2012.</p>			
<b>School Zone Assessments</b>	<b>2012-005</b>	<b>\$0</b>	<b>Ongoing</b>
<p>The Engineering Department worked with the Safety Director and the Street Department to assess all the signage and pavement marking at each of the School Zones where new facilities were being constructed. The Street department will continue to make upgrades throughout the coming years at all school facilities throughout the City.</p>			
<b>Woodland Cemetery Survey</b>	<b>2012-078</b>	<b>\$0</b>	<b>Complete</b>
<p>The Engineering department surveyed the westerly line of the Woodland Cemetery. The property line was staked for the Cemetery to allow them to discuss possible encroachments into their property. The project was complete and closed out.</p>			
<b>Akron Road Substation</b>	<b>2012-106</b>	<b>\$5,531</b>	<b>Complete</b>

## City Contract & Project Summary

<u>Project Name</u>	<u>Job No.</u>	<u>Spent in 2012</u>	<u>Status</u>
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The Engineering Department designed and contracted with Keiper Excavating to add a retaining wall to east bank of a stream along the west side of the Akron Road Substation. This project was directly no1e project was complete and closed out.

<b>Euclid Street Culvert Re-hab</b>	<b>2012-200</b>	<b>\$1,060</b>	<b>Complete</b>
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The Engineering Department contracted with Keiper Excavating to improve the entrance into the north end of the Euclid Street Culvert. It consisted adding retaining walls to both the east and west banks of the culvert.

<b>NPDES Stormwater Utility Program</b>	<b>2012-200</b>	<b>\$0</b>	<b>Ongoing</b>
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The engineering department is responsible for managing the quantity and quality control of storm water discharge as mandated by the Federal Government under the NPDES Phase II regulations. To help meet that requirement the City created the Stormwater utility in 2005. This was created to meet the Stormwater system needs and the engineering department handles the tasks of designing, and constructing the major and minor Stormwater system upgrades as well as helping to define the areas of priority. See additional write up summary for more information

<b>2012 Street Sweeping Contract</b>	<b>2012-201</b>	<b>\$39,997</b>	<b>Closed Out</b>
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Each year the City receives bids and awards a contract for the purpose to sweep the streets of the City of Wadsworth. This year the City contracted Reilly Sweeping to sweep streets for 11 curb or lane miles weekly, and to sweep 118 curb or lane mile streets five times per year. The project was complete and closed out.

<b>Pavement Management System</b>	<b>2012-239</b>	<b>\$3,700</b>	<b>Ongoing</b>
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The Engineering Department contracted with Cartegraph Systems Inc. for \$14,950 for the software and implementation services for a pavement management system. This program analyzes the existing conditions of the pavements and helps to produce the best practice solution for the management of the transportation needs and remain within the budget. See additional write up summary for more information.

<b>2012 Sidewalk Program</b>	<b>2012-250</b>	<b>Incidental</b>	<b>Ongoing</b>
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Preparing project for bid and award in 2013. This area of improvement will include Able, Durling, Fernwood, First, Wintergreen Subdivision, Second, Third, and Springdale. All curb ramps on these streets will be brought up to ADA standards if necessary. Once awarded, the project will entail field inspections; final contract documents, change orders and payments; finalized project costs, recalculated assessment roles, and mailing of bills to residents. The sidewalk program is a yearly project that the City of Wadsworth Engineering Department takes on and awards to a contractor to replace and repair certain city lots sidewalks. The total cost is estimated at \$100,000.

## City Contract & Project Summary

<u>Project Name</u>	<u>Job No.</u>	<u>Spent in 2012</u>	<u>Status</u>
<b>2012 Street Imp. Program Contract -</b>	<b>2012-270</b>	<b>\$169,348</b>	<b>Ongoing</b>
<p>The City bid and awarded the project to Karvo Paving. Streets resurfaced included Orchard from Good to Valley View, Stratford, and Waverly from Sunset to Rosalind. The City Engineering Department administered the bid and construction of project; determined the extent of needed repairs; prepared final specifications and final contract documents; performed construction inspection; finalized project costs; prepared change orders and payments.</p>			
<b>2012 Pavement Pres. Program -</b>	<b>2012-271</b>	<b>\$22,028</b>	<b>Complete</b>
<p>The City contracted with Barbicas Construction for the improvement necessary in the completion of this project. The City Engineering Department administered the bid and construction of project; determined the extent of needed repairs; prepared final specifications and final contract documents; performed construction inspection; finalized project costs; prepared change orders and payments.</p>			
<p>The work covered by the plans and specifications includes furnishing all labor and material for partial depth pavement repairs, including milling and replacement of asphalt on High Street and Main Street.</p>			
<b>E. Boyer Paving</b>	<b>2012-272</b>	<b>\$23,627</b>	<b>Complete</b>
<p>The City bid and awarded the project to Barbicas. This was for the improvement of E. Boyer from High Street to N. Lyman. The City Engineering Department administered the bid and construction of project; determined the extent of needed repairs; prepared final specifications and final contract documents; performed construction inspection; finalized project costs; prepared change orders and payments.</p>			
<b>Traffic Count Program</b>	<b>2012-290</b>	<b>\$0</b>	<b>Ongoing</b>
<p>The Engineering Department maintains a traffic count program, conducting scheduled counts on Arterials, collectors, local streets and specific location counts for special needs. In addition to being a vital input to the City's transportation planning, traffic count information is used by transportation engineers and planners to identify existing traffic problems and solutions, and private sector marketing specialists as measures of accessibility and exposure. The information is posted on the Engineering website for use by the public. The traffic count data is collected by the engineering department utilizing multiple collection methods including the placement of pneumatic tubes connected to recording devices and pole mounted radar devices. The Engineering departments goal is to collect a representative traffic count for each roadway segment.</p>			
<b>Traffic Signal Planning</b>	<b>2012-295</b>	<b>\$5,499</b>	<b>Planning</b>
<p>The Engineering Department is responsible for coordinating all signal upgrades and replacements. We work with our Communications Department and our main signal consultant, GPD, to ensure these projects stay on track. The City has annual projects to keep up with necessary upgrades and scheduled maintenance.</p>			

## City Contract & Project Summary

<u>Project Name</u>	<u>Job No.</u>	<u>Spent in 2012</u>	<u>Status</u>
<b>State /Main Signal Replacement</b>	<b>2012-441</b>	<b>\$15,539</b>	<b>Complete</b>
<p>The City contracted with Lampion Companies to complete the underground facilities installation for the signal replacement at State Street and Main Street Intersection. City personnel completed the remainder of the installation.</p>			
<b>Downtown Safety Study</b>	<b>2012-443</b>	<b>\$0</b>	<b>Design</b>
<p>The City received an abbreviated Safety Study that was performed by a task order engineer for ODOT. The limits of the study were on SR94 from Mills Street to Maple Street. The Safety Study was ordered because between 2008-2010 there were 61 crashes in the study limits placing it in the top 100 ODOT maintained system locations. Internal meetings were held with the Safety and Service Directors to determine to proceed with an application for Safety Funding. A proposal from GPD to start the signal warrant analysis was received in late 2012 and being considered for 2013.</p>			
<b>Broad/School Drive Signal Rebuild</b>	<b>2012-444</b>	<b>\$0</b>	<b>Complete</b>
<p>The Engineering Department advertised for the rebuild of Broad/School Drive to coincide with the new school opening. Lampion Companies was the only bidder and it was decided to use City forces to construct the signal. With the cooperation between the Electric, Communications, Signal/Substation, Engineering, and Streets Departments, the City was able to build the entire signal within the budgeted amount of \$50,000.</p>			
<b>SWIF Grant Application</b>	<b>2012-446</b>	<b>\$0</b>	<b>Grant</b>
<p>The Engineering Department prepared and submitted an application to the Ohio Environmental Protection Agency (OEPA) to participate in the Surface Water Improvement Funds Grant (SWIF). The application was a request for up to \$76,000 for the replacement of a portion of the southern City Hall parking lot with pervious pavement. The application was not approved for funding</p>			
<b>Salt Shed-Wastewater Plant</b>	<b>2012-451</b>	<b>\$35,774</b>	<b>Complete</b>
<p>The Engineering Department contracted with Miller Builders for the construction of a 42' x 84' salt storage facility at an approximate cost of \$67,365. The Engineering department did the site plan and performed the stake out of the facility while the street department performed the excavation and grading for the contractor.</p>			
<b>Railroad PUCO Grant</b>	<b>2012-452</b>	<b>\$0</b>	<b>Design</b>
<p>The safety Director applied for and received \$20,000 in funds for vegetation removal at the four non-signalized rail road crossings in the City. These four locations are Silvercreek, E. Bergey, L Street, and Seville Road. Vegetation removal was only approved in Street Right of ways so the Engineering department investigated other improvements. The City reviewed and began revised design improvements at each intersection for other safety improvements (signage, striping, grading, ...). The Engineering Department applied for an received an extension on the construction of the design revisions for June of 2013.</p>			

## **City Contract & Project Summary- Major Project Detailed Summary**

### **Rogue's Hollow Waterline/Well Field 2005-600 \$617,385 Complete**

The Engineering Department worked with 4 contractors on the construction of the 20" Raw water main and new well. Installation of the 20" water main is complete. Operation of the system began in August of 2012. The total project cost for the construction of this project was approximately \$4,500,000.00.

Contracts were broken down to the selected contractors as follows:

- Contract B – Fabrizi Trucking and Paving \$1,235,461.00
  - This contract consists of the installation of 9,241 lineal feet of 20" Water Line and appurtenances. As well as the restoration of all disturbed areas.
- Contract C – Wenger Excavating \$1,287,669.40
  - This contract consists of the installation of 11, 515 lineal feet of 20" Water Line and appurtenances. As well as the restoration of all disturbed areas.
- Contract D – Fabrizi Trucking and Paving \$1,226,216.08
  - This contract consists of the installation of 13,000 lineal feet of 20" Water Line and appurtenances. As well as the restoration of all disturbed areas.
- Contract F – Lockhart Concrete Company \$179,950.00
  - This contract consists of constructing a new entrance drive to the new Well Site, constructing an elevated platform for the pump and electronic device, and installing the new pump.
- Contract G – R & K Electric, Ltd. \$59,442.00
  - This contract consists of installing all electrical and communication hardware for the operation of the new well.
- Contract Z – Wenger Excavating \$433,929.90
  - This contract consists of the installation of 1,400 lineal feet of 20" Water Line and appurtenances that was not completed with Contract B. This was an additional contract that was added because of delays due to wetland issues

The City of Wadsworth Engineering Department oversaw all Project Management for this water main installation. With so many Contracts occurring at one time, the day to day inspection services were contracted out for each of the contracts sections as follows:

- Contract B – North Central Engineering \$17,630.50
- Contract C – Engineering Associates \$24,837.50
- Contract D – Quality Control Inspection \$18,928.00
- Contracts F & G – Burgess and Niple – cost was part of original design contract.

### **High Street Widening 2006-320 \$64,601 Design**

The proposed project involves improvements along SR-94, from West Street to the intersection with Smokerise Drive, in Wadsworth. Improvements include the addition of two lanes on the SR-94 bridge over I-76 and the re-alignment of Great Oaks Trail with Park Center Drive, the reconstruction of the signal system to support the geometric improvements, the construction of a multi-purpose trail from West Street to Great Oaks Trail and construction of the access management along the corridor.

## **City Contract & Project Summary- Major Project Detailed Summary**

One of the main features of this project is the use of access management in the corridor to restrict left turns exiting at mid-block driveways by installing raised concrete islands in the centerline of SR-94 and in driveway aprons, the creation of cross access driveways at controlled locations, and the addition of various turn lanes and turn lane storage lengths. The existing bridge over I-76 will be widened to accommodate more turning storage and the multi-purpose trail.

In the early part of 2012, the City coordinated with ODOT on negotiating the scope of services for the final design of the corridor project.

In January, we were notified that funding from TRAC was not going to be approved. We met with ODOT in February and developed a plan with ODOT to reduce the length of the project while still maintaining the Safety Funding.

The Engineering department worked with the consultant on this process and delivered the alternate plan to ODOT. The ODOT Safety Committee reviewed and approved our revised preliminary plans and recommitted the previous 10 million dollars toward the project.

Following this approval from ODOT, the City negotiated the final contract with GPD in June and recommended approval to Council. Council approved Ord 12-061 on August 21 and work on the final design began shortly after in September.

The City met with ODOT on 11/2 to discuss the hiring of a R/W consultant that will be done in 2013.

Following a meeting with NOACA on 11/27, the City submitted a new application for funding to NOACA on 11/30.

Stage 1 plan submittal and preliminary R/W plans are to be delivered in January 2013.

<b>Northeast Water Tower</b>	<b>2007-125</b>	<b>\$1,114,871</b>	<b>Complete</b>
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Chicago Bridge and Iron began construction in late 2010 of the 1 million Gallon Water Tank. Construction of the tank is was completed in September of 2012. The project cost for construction and professional services was \$1,877,577.

The concrete shaft erection portion of the project took place over a 3 month period, beginning in August 2011, with approximately 15 separate pours. Each pour added approximately 8.5' to the height of the shaft.

The steel tank portion of the project commenced in November 2011 and was completed in January 2012. All steel plate sections were pre-fabricated at the Contractor's shop for curvature, size and primed for final painting. After delivery to site, pieces are erected and welded into place.

Painting began in May of 2012 and was completed in late July 2012. Several coats were added to the inside and the outside of the bowl. Final piping and electrical work occurred in August and September prior to the filling of the tank.

## **City Contract & Project Summary- Major Project Detailed Summary**

The City of Wadsworth Engineering Department oversaw all Project Management and the day to day inspection services for this Water Tower Construction. The specialized construction inspection services, (concrete, steel, paint), were contracted out for each of those services as follows:

- North Central Engineering \$10,000 (Concrete)
- Dixon Engineering \$15,309 (Steel, Paint)

With the completion the tower, the City of Wadsworth will be able to ensure long term pressure and capacity for this portion of the Cities water system

### **Pavement Management System            2012-239       \$3,700                    Ongoing**

The City contracted with Cartegraph of Dubuque, Iowa to implement a pavement management software program that analyzes the existing states of infrastructure and produces the best practice solutions for management of transportation needs. Due to the high cost of full replacements of deteriorating pavement, this proactive approach will enable the City to schedule work that address problem streets and other good roadways that would benefit from periodic maintenance. Pavement management is the selection of the correct repair on the correct road at the correct time.

The implementation of the Pavement Management System involves the three separate steps. Step 1 is the compilation and normalization of the data. The Engineering department utilized three University of Akron Co-ops to compile sort and normalize all of the existing street data on file. Many visual inspections have been completed over the years and that detailed data was used to create a historical record of pavement wellness. Rehabilitation events were also recorded along with coring data, slab distress, and water main failures. This was the most labor intensive task required since the data had to be manipulated to allow data conversion into the new software program. The Co-ops spent **530** hours on this task out of the 850 total hours spent on this project.

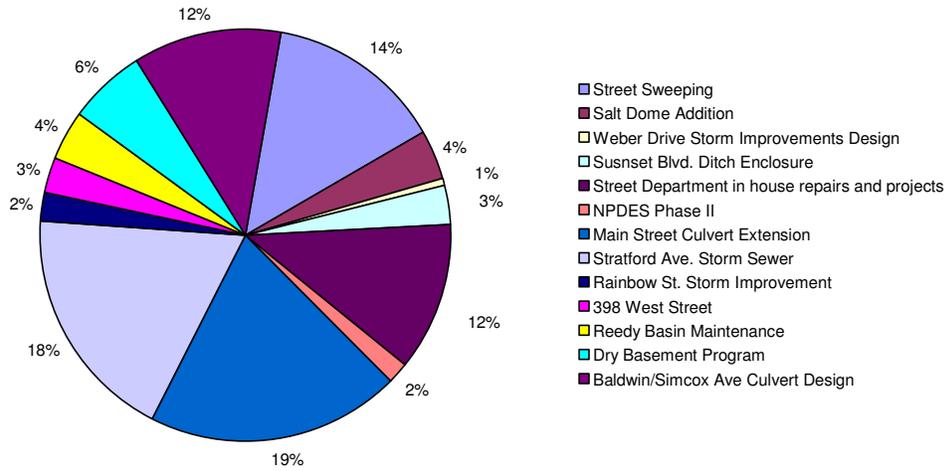
Step 2 was conducting the comprehensive Pavement Condition survey. Pavement condition surveys follow the procedures outlined in the 2006 Ohio Department of Transportation manual which was based on procedures developed by the Federal Highway Division. The pavement condition survey involves recording the severity and extent of major pavement distresses for each of the 1200 pavement segments within the 189 lane miles of pavement in the City of Wadsworth. This step was also completed this year.

Step 3 in the implementation will occur in the beginning of 2013. This step is the customization of Cartegraph's Pavement View Plus program. This final step will allow the City to utilize real data and cost estimates to generate multiple repair recommendations for the engineer to evaluate.

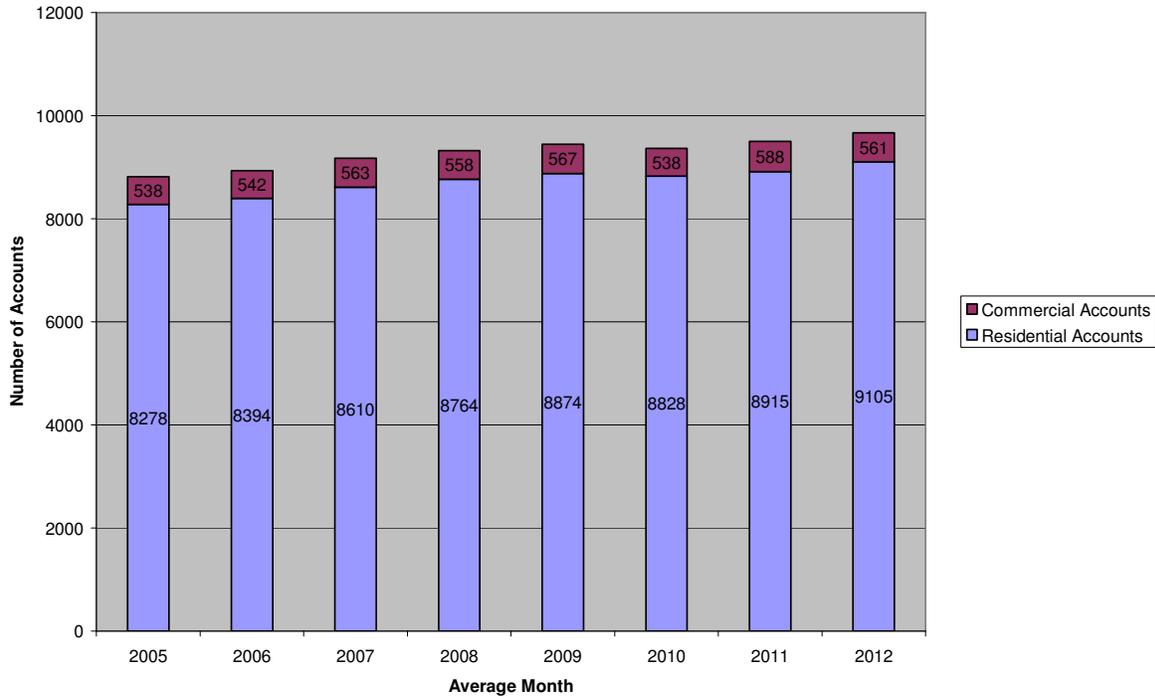


# City Contract & Project Summary- Major Project Detailed Summary

**Stormwater Capital Improvements  
(\$267,218)**



**Stormwater Utility Accounts**



# Grant Administration

The department works is responsible for the preparation of applications and administration of grant programs from the Ohio Public Works Commission, Ohio Airport Grant Program, Ohio Department of Transportation Safety program, County Engineers Association Safety Program, Northeast Ohio Area wide Coordinating Agency and the Ohio Department of Natural Resources Nature works program. In 2012 the Engineering department administered over \$400,000 in grant projects.

## 2012 GRANT ACTIVITY ENGINEERING DEPARTMENT

APPLICATIONS					
Project	Source	Grant Number	Status	Grant Amount	CY 2012 Project Cost
Weber Drive Improvements	OPWC	n/a	Pending	\$ 248,000	\$ Incidental
AP Land Acquisition - Weyer / Carson	FAA	n/a	Pending	\$ 258,120	\$ 286,800
SWIF Grant	OEPA	n/a	Denied	\$ -	
Baldwin Street Culvert Replacement	OPWC	n/a	Pending	\$ 313,000	\$ 16,100.00
<b>TOTAL GRANTS PENDING</b>				<b>\$ 819,120</b>	<b>\$ 302,900</b>
ADMINISTRATION					
Project	Source	Grant Number	Status	Grant Amount	CY 2012 Project Cost
Weber Drive Improvements	OPWC		Ongoing	\$ 248,000	\$ Incidental
AP Land Acquisition - Wurgler	FAA	3-39-0083-1511	Closed	\$ 29,094	\$ 30,625
SW Parking Lot	OhioEPA	12(h)EPA-10	Ongoing	\$ 134,280	Incidental
Railroad Vegetation Removal	PUCO	265-074A, 265-075G, 265-077V, 265-078C	Ongoing	\$ 20,000	\$ -
<b>TOTAL GRANTS ADMINISTERED</b>				<b>\$ 431,374</b>	<b>\$ 30,625</b>

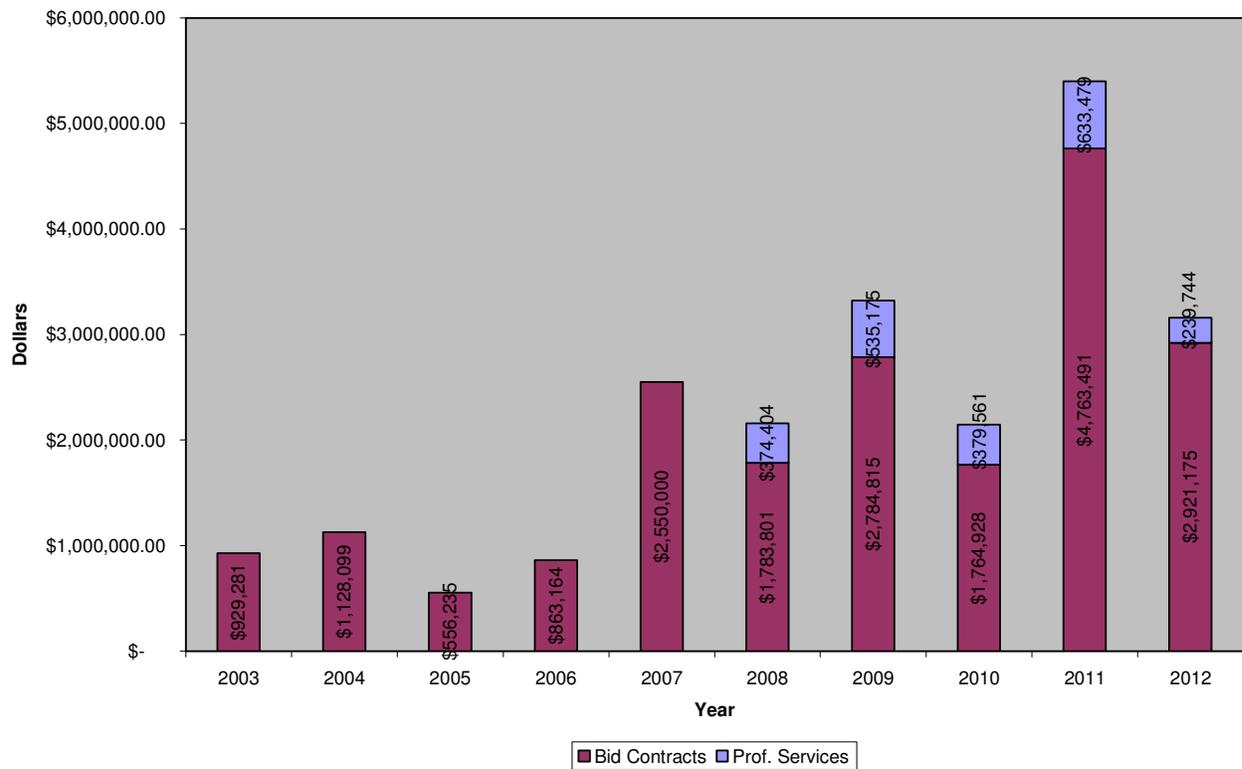
# Contract Expenditures

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CONTRACT NO.	CONTRACT NAME	CONSULTANT	CONTRACTOR	PROFESSIONAL SERVICES	CONSTRUCTION	STATUS
2005-600	Rogue's Hollow Waterline	Burgess and Niple	Fabrizi Trucking & Paving	\$2,514	\$25,501	Complete
2005-600	Rogue's Hollow Waterline		Lockhart Concrete		\$31,430	Complete
2005-600	Rogue's Hollow Waterline		R & K Electric		\$3,527	Complete
2005-600	Rogue's Hollow Waterline		Wenger Excavating		\$530,453	Complete
2005-600	Rogue's Hollow Waterline		The Wilderness Center		\$22,680	Complete
2005-600	Rogue's Hollow Waterline	Quality Control Inspection		\$1,280		Complete
2006-320	High Street Ph. 2 Road Widening	GPD		\$60,201		Ongoing
2006-320	High Street Ph. 2 Road Widening	Mary Ellen Kimberlin		\$4,400		Ongoing
2007-125	Northeast Water Tower	North Central Engineering	CB&I Constructors	\$1,042	\$1,098,520	Complete
2007-125	Northeast Water Tower	Dixon Engineering, Inc.		\$15,309		Complete
2007-416	Brookwood Lift Station	Engineering Associates		\$53,800		Ongoing
2008-428	State / Main Street Culvert Extension		Floritto Const		\$56,889	Complete
2009-402	Reedy Drive Detention Basin		Thompson Excavating		\$11,153	Ongoing
2009-442	Weber Drive Waterline	UHS Corporation	Wenger Excavating	\$9,866	\$229,406	Ongoing
2010-245	AP Land Acquisition-Wurgler-04020C17018	Michael Baker		\$1,106		Complete
2010-246	AP Land Acquisition-Weyer/Carson	Michael Baker		\$27,831		Ongoing
2010-410	Stratford Water Line	MS Consultants	Liberta	\$3,188	\$499,972	Complete
2011-250	2011 Sidewalk Improvement Program		Liberta		\$74,781	Complete
2011-270	2011 Street Program		Barbicas		\$1,937	Complete
2011-295	2012 Traffic Signal Planning/Design	GPD Associates		\$5,499		Ongoing
2011-298	Dry Basement Program	Michael Benza and Associates		\$17,920		Ongoing
2011-411	SR 94 Tank Painting	Dixon		\$2,500		Ongoing
2011-412	Durling Drive Sanitary Sewer Lining		United Survey		\$31,577	Complete
2011-420	398 West Street Improvement		Thompson Excavating		\$7,276	Complete
2011-428	Rainbow St.Storm Imp		Thompson Excavating		\$6,760	Complete
2011-436	AP Station Demolition	TTL Associates	Basic Products	\$1,128	\$9,085	Complete
2011-448/449	Baldwin/Simcox Street Culvert Replacement	Engineering Associates	Keiper Excavating	\$32,159	\$747	Ongoing
2011-450	Sunset Ditch Enclosure		HSH Construction		\$8,942	Complete
2012-106	Akron Road Substation Retaining Wall		Keiper Excavating		\$5,531	Complete
2012-200	Euclid Street Culver Lining		Keiper Excavating		\$1,060	Complete
2012-201	2012 Street Sweeping Program		Reilly Sweeping		\$39,997	Complete
2012-239	2012 Pavement Management System	Cartegraph Systems		\$3,700		Ongoing
2012-270	2012 Street Improvement Program		Karvo		\$169,348	Complete
2012-271	2012 Pavement Preservation		Barbicas		\$22,028	Complete
2012-272	E. Boyer Improvements		Barbicas		\$23,627	Complete
2012-295	Traffic Signal Analysis	GPD Associates		\$5,499		Ongoing
2012-441	State/Main Signal		Lampion Companies		\$15,539	Complete
2012-451	Salt Shed-Wastewater Plant		Miller Builders		\$35,774	Complete
			<b>Total Contracts</b>	\$248,943	\$2,963,540	

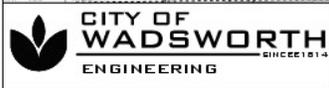
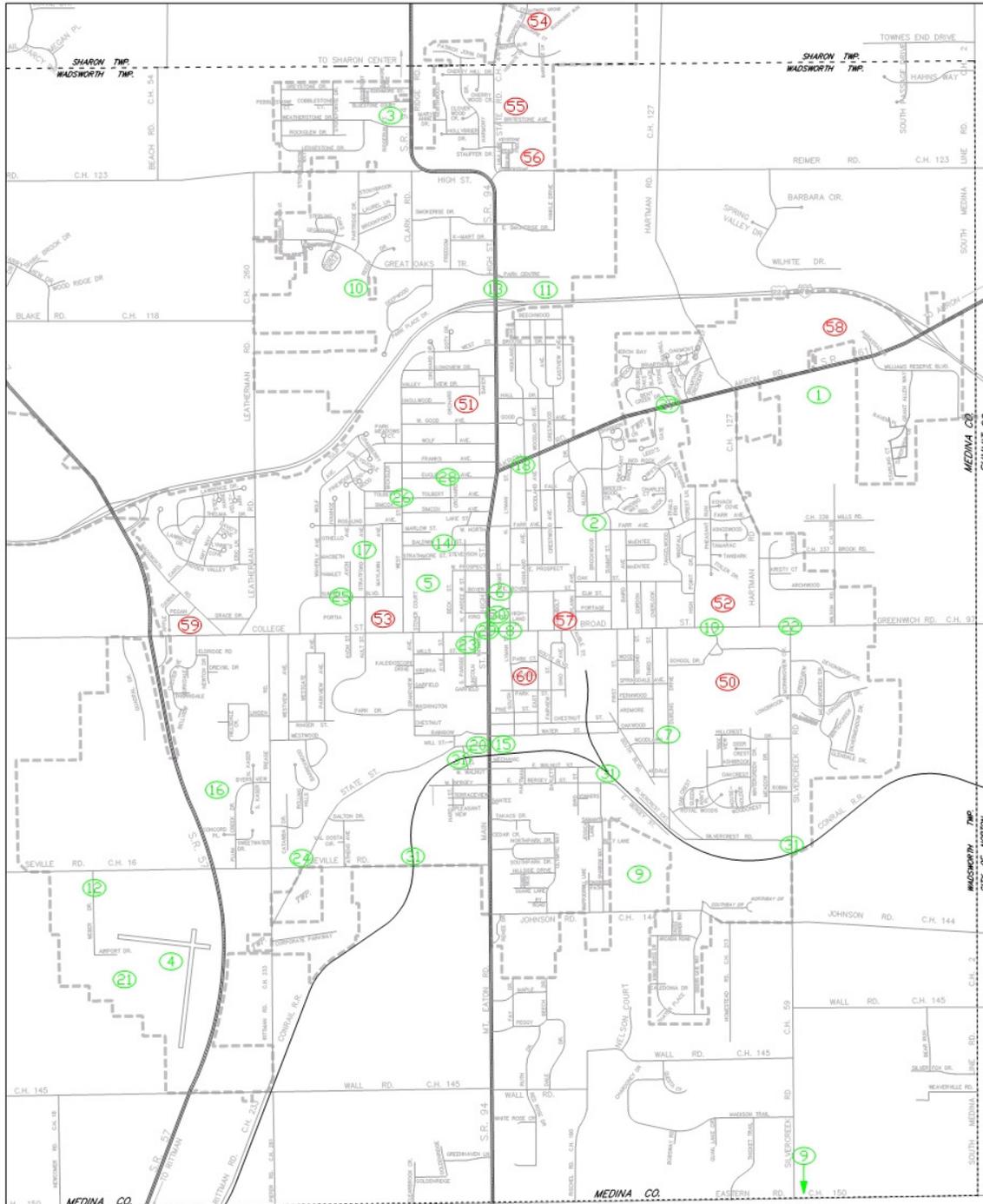
# Contract Expenditures

Engineering Contracts 2003-2012



**Note:**

**2008-2012 contract totals includes professional service contracts. Prior years did not have that broken out.**



2012 PROJECTS  
ENGINEERING DEPARTMENT

1/3/2013

## Improvement Project Map

## 2012 City Project Locations

Year-Job ID	Job Description	Map #
-200	Stormwater Utility	Citywide
-210	Airport Maintenance Program	4
-610	Public Assistance	Citywide
2005-600	Rogues Hollow Waterline	9
2006-320	High Street Ph. 2 Road Widening	13
2007-125	Northeast Water Tower	1
2007-416	Brookwood Lift Station	2
2008-428	State / Main Street Culvert Extension	15
2009-442	Weber Drive Waterline	12
2010-250	2010 Sidewalk Improvement Program	Citywide
2010-410	Stratford Avenue Water Line	17
2006-214	Concord Detention Basin Maintenance	16
2007-417	Broad/Silvercreek Signal	22
2008-422	Southwest Downtown City Parking Lot Improvements	23
2009-402	Reedy Drive Detention Basin	10
2010-245	Airport Land Acquisition - Wurgler	4
2010-246	Airport Land Acquisition - Weyer/Carson	4
2011-250	2011 Sidewalk Improvement Program	Citywide
2011-270	2011 Street Improvement Program	Citywide
2011-298	Dry Basement Program	Citywide
2011-411	SR 94 Tank Painting	3
2011-412	Durling Drive Sanitary Sewer Lining	7
2011-420	398 West St. Drainage Improvements	26
2011-428	Rainbow St. Storm Improvement	20
2011-436	AP Station Demolition (137 Akron Road)	18
2011-448	Baldwin Street Culvert Replacement	14
2011-450	Sunset Blvd. Ditch Enclosure	25
2011-454	Seville / State Traffic Study	24
2012-005	School Zone Assessments	Citywide
2012-078	Woodlawn Cemetery	5
2012-106	Akron Road Substation	27
2012-200	Euclid Street Culvert Rehab	28
2012-201	Street Sweeping	Citywide
2012-250	2012 Sidewalk Improvement Program	Citywide
2012-270	2012 Street Improvement Program	Citywide
2012-271	2012 Pavement Preservation Program	Citywide
2012-272	E. Boyer Improvements	6
2012-290	Traffic Counts	Citywide
2012-295	Traffic Signal Planning	Citywide
2012-441	State/Main Signal	20

**2012 Private Project Locations  
(hours greater than eight)**

Year-Job ID	Job Description	Map #
-600	Lot Improvements	Citywide
-620	Dominion East Ohio Gas	Citywide
2008-730	Wadsworth High School Rebuild	50
2008-830	Sacred Heart Church Office & Rectory Expansion	57
2010-731	Valleyview School Rebuild	51
2010-732	Overlook School Rebuild	52
2010-733	Isham School Rebuild	53
2011-831	Inn At Coal Ridge	55
2011-907	Corwin Apartments (Reimer Rd)	56
2004-580	Tiberon Trace Subdivision	54
2008-760	Restored Church of God	58
2010-581	Tiberon Trace PH 2	54
2012-447	Lucas Court Waterline	60
2012-940	Stop-n-Go	59

# Engineering Technical Review

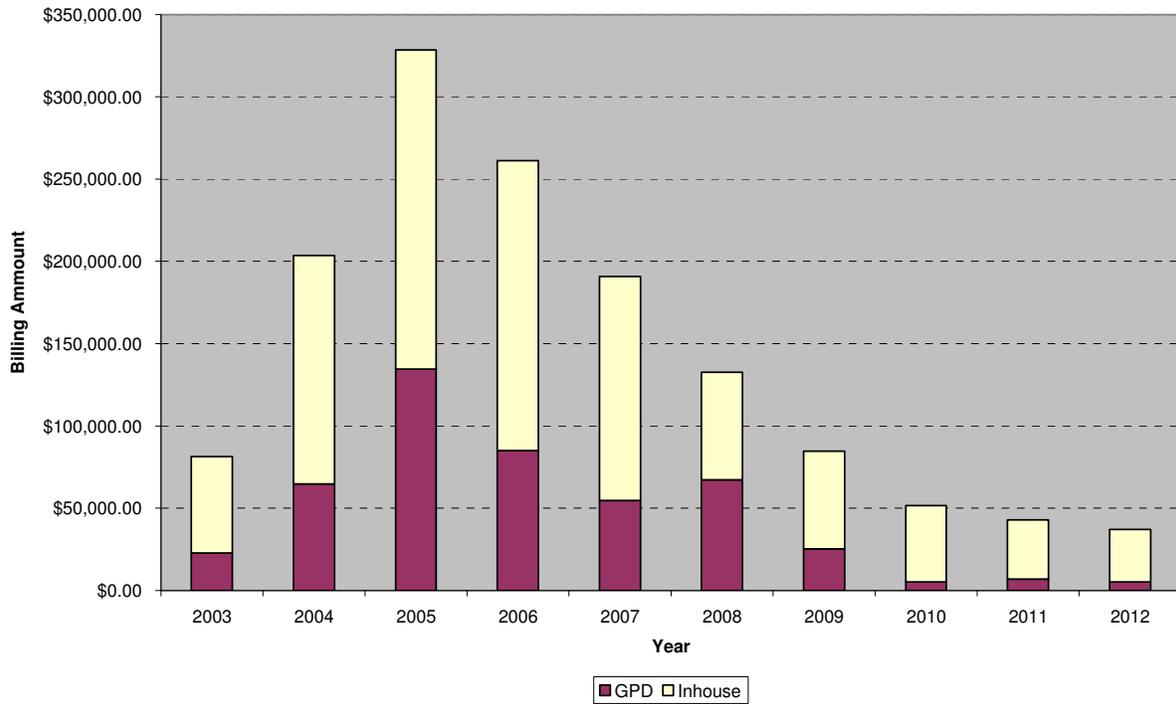
State statute and City ordinances establish subdivision and site plan requirements that all development within the City must follow. The purpose as stated in the City's Subdivision regulations is

*"...to guide and regulate the planning, subdividing, and development of land in order to promote and protect the public health, safety, convenience, comfort, prosperity and general welfare of the city, and to provide for the orderly development of the land to obtain harmonious and stable neighborhoods, light and air and avoidance of congestion of population; safe and convenient vehicular and pedestrian circulation, access of fire-fighting apparatus and police vehicles; adequate and economical provisions for utilities and public services or conserve the public funds; ample public open spaces for schools, recreational and other purposes; accurate surveying of land, preparing and recording of plats, discouraging the premature, uneconomical or scattered subdivisions; coordination of land development in accordance with the zoning code, comprehensive land use and thoroughfare plan and other plans of the city. The engineering department is charged with verifying adherence to these minimum standards."* This includes the technical review of plans in relation to infrastructure design, proposed site grading, erosion and sediment control, stormwater management, traffic control,

In 2012 the engineering department spent 230 hours on the review and project management of private projects and contracted with an outside consultant for an additional 52 hours of private project review.

# Engineering Technical Review

2003-2012 Plan Review and Inspection Fees Billed  
 \*Prior to 2003 Only Subdivision Time Was Billed\*



## 2012 Outside Consultant Plan Review

Job #	Project Name	Hours	Charge
2008760	Restored Church of God	25.5	\$2,377.83
2010581	Tiberon Trace PH 2	17.5	\$1,735.86
2011907	Corwin Apartments (Reimer Rd)	9	\$990.48
Totals		52	\$5,104.17

# Engineering Technical Review

## 1/1/2012-12/31/2012 PRIVATE PROJECT CITY HOURS AND CITY BILLINGS

Job #	Job Name	Engineering Hours	Engineering Charges	Inspection Hours	Inspection Charges	Total Hours	Total Charges
2008730	Wadsworth High School Rebuild	32.35	\$1,580.76	114.23	\$3,977.76	146.58	\$5,558.52
2008760	Restored Church of God	69.27	\$3,430.26	147.03	\$4,888.90	216.30	\$8,319.16
2008830	Sacred Heart Church Office & Rectory Expansion	5.25	\$274.21	8.00	\$271.84	13.25	\$546.05
2009915	Dietrich Family Orthodontics	0.03	\$1.62			0.03	\$1.62
2010581	Tiberon Trace PH 2	46.98	\$2,515.28	97.23	\$3,244.92	144.22	\$5,760.20
2010730	Remington Products Office Addition	2.13	\$100.74			2.13	\$100.74
2010731	Valleyview School Rebuild	12.78	\$648.75	89.68	\$2,960.76	102.47	\$3,609.51
2010732	Overlook School Rebuild	3.00	\$141.66	13.50	\$429.94	16.50	\$571.60
2010733	Isham School Rebuild	5.75	\$273.30	79.60	\$2,661.77	85.35	\$2,935.07
2011780	Habitat for Humanity	0.75	\$36.47			0.75	\$36.47
2011790	Nagy Collision			0.25	\$7.53	0.25	\$7.53
2011831	Assisted Living Center (Jerry McLain)	5.75	\$272.23	12.62	\$449.81	18.37	\$722.04
2011907	Corwin Apartments (Reimer Rd)	20.00	\$988.59	37.75	\$1,285.74	57.75	\$2,274.33
2011908	Circle K Addition-High Street			0.75	\$22.58	0.75	\$22.58
2012580	732 Silvercrest--Todd Nicodemus	1.50	\$70.83			1.50	\$70.83
2012621	W. Good-Dominion	2.00	\$97.26			2.00	\$97.26
2012700	Salvation Army Headquarters Exp	4.50	\$246.18			4.50	\$246.18
2012703	South End Tavern Grease Trap	2.50	\$144.35	1.00	\$39.09	3.50	\$183.44
2012705	Site Quest LTD for Verizon Wireless Antenna	0.17	\$8.11			0.17	\$8.11
2012720	Starbucks	1.75	\$101.05	0.42	\$13.18	2.17	\$114.23
2012722	ECS Tuning-1000 Seville Rd	1.50	\$70.83			1.50	\$70.83
2012725	Carter Lumber Lot Split	1.00	\$48.63			1.00	\$48.63
2012760	Restored Church of God Mail Processing Center	0.50	\$28.87			0.50	\$28.87
2012770	956 Flanders--Ashley Court Dec Plat	0.50	\$28.87			0.50	\$28.87
2012791	Pride One Apartments	3.00	\$173.23			3.00	\$173.23
2012792	Caplea Architects-323 High--Medical	1.00	\$57.74	0.75	\$25.09	1.75	\$82.83
2012950	869 Broad--Gabriel	1.00	\$57.74			1.00	\$57.74
2012999	Hogs Jerky Addition	4.75	\$274.28	0.50	\$15.82	5.25	\$290.10
Grand Totals		229.72	\$ 11,671.84	603.32	\$ 20,294.73	833.03	\$ 31,966.57

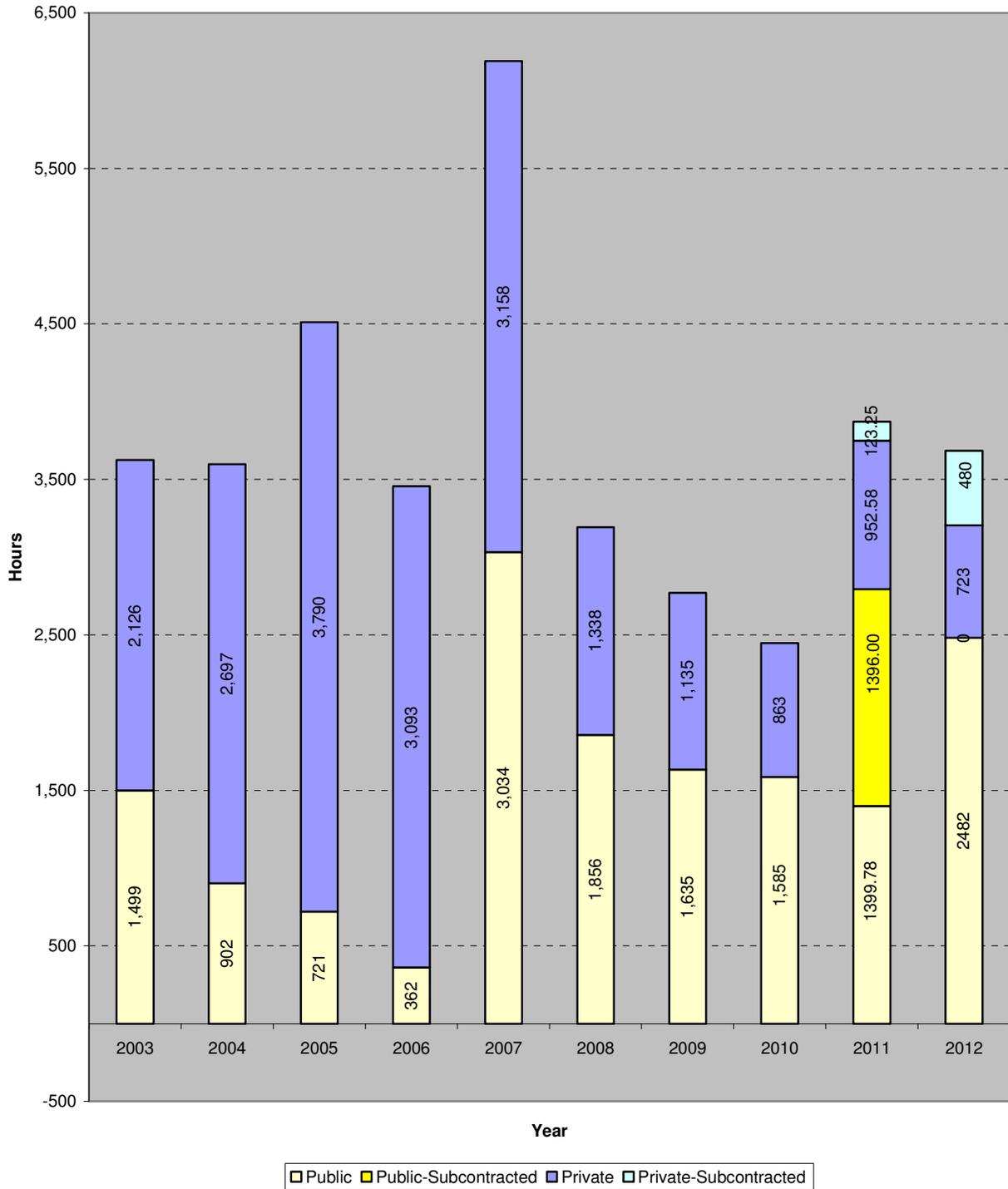
# Construction Inspection

The department is responsible for the inspection of the installation of improvements to ensure conformity with the approved plans and specifications as contained in the applicant's contract. Last year the department performed nearly 1203 hours of inspection on private projects and over 2482 hours of inspection on public projects.

The department is also responsible for providing individual lot improvement inspections for storm sewer and sanitary sewer lateral construction, sidewalks, aprons, curb ramps, utility repairs and individual lot grading plans. In 2012 the department had over 330 hours dedicated to the inspection of individual lot improvements.

# Construction Inspection

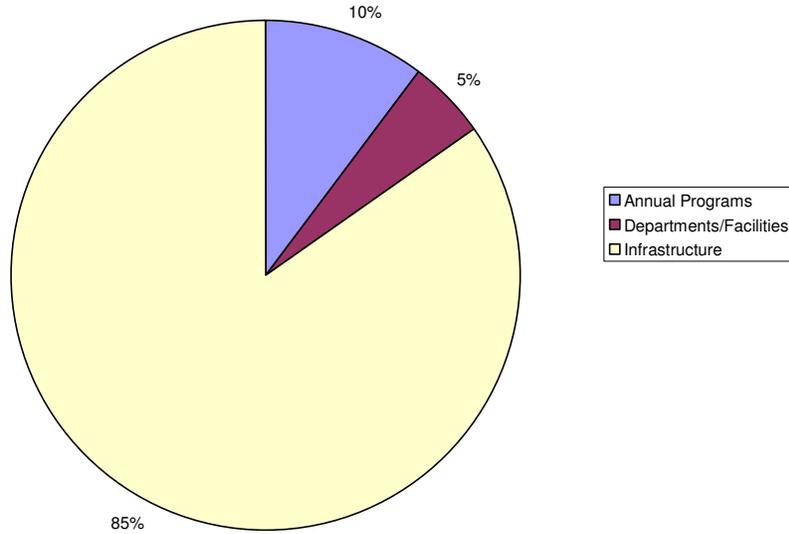
2003-2012  
Inspection Hours



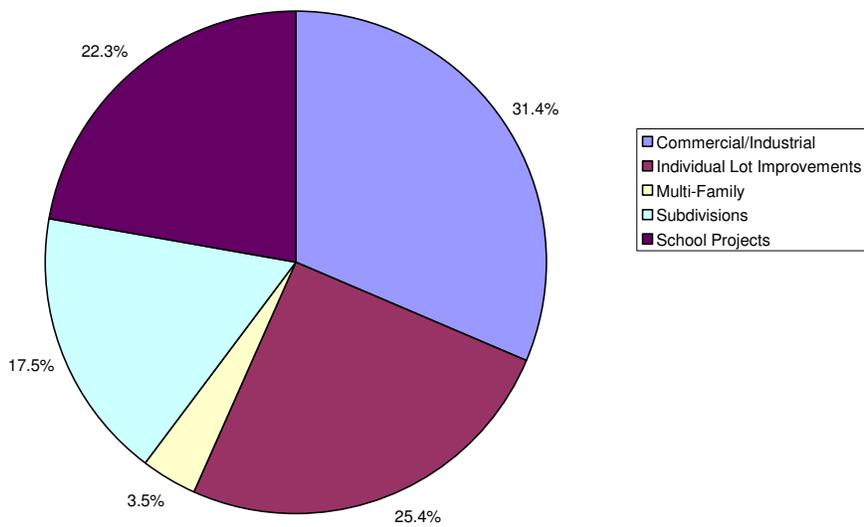
# Construction Inspection

## 2012 Inspection Hours Distributions

2012 Public Inspection Hours by Category

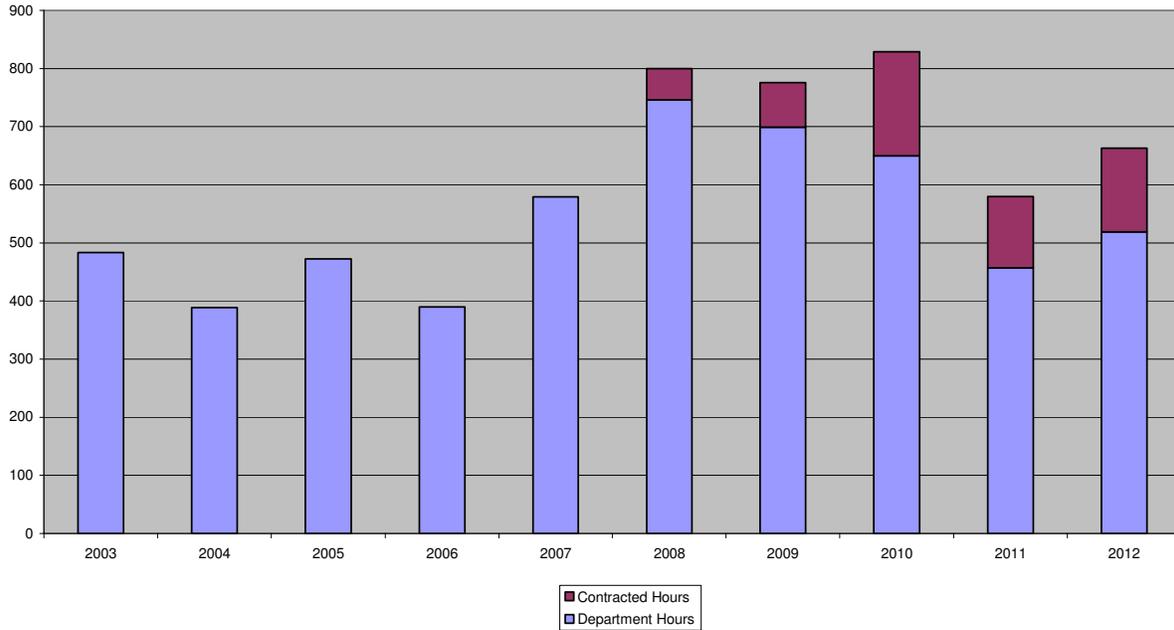


2012 Private Project Inspection Hours by Category

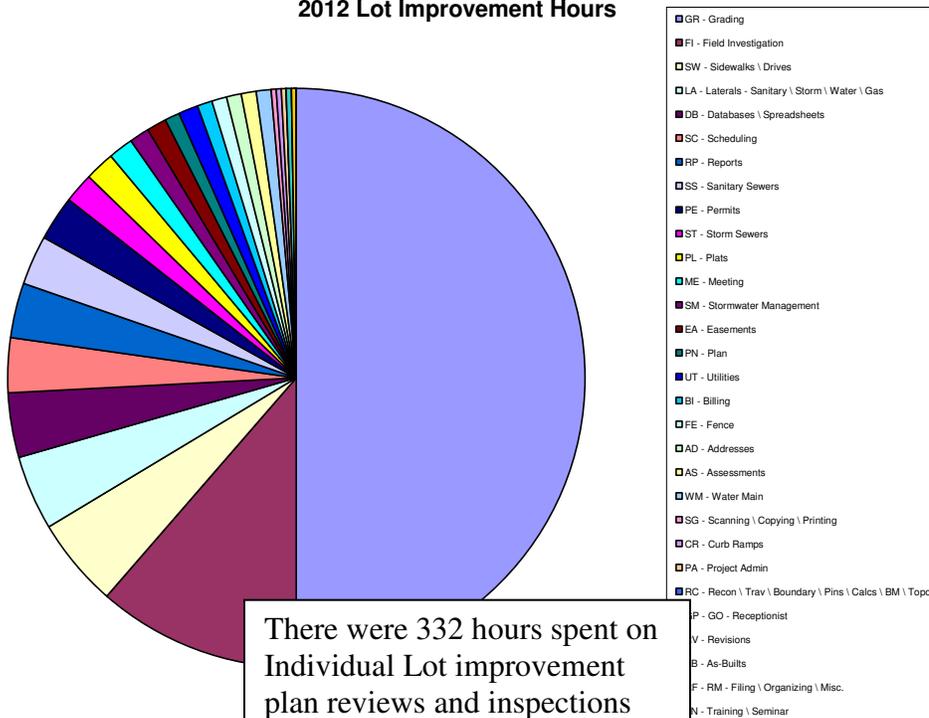


# Lot Improvement Summary

2003-2012 Lot Improvement Hours



2012 Lot Improvement Hours

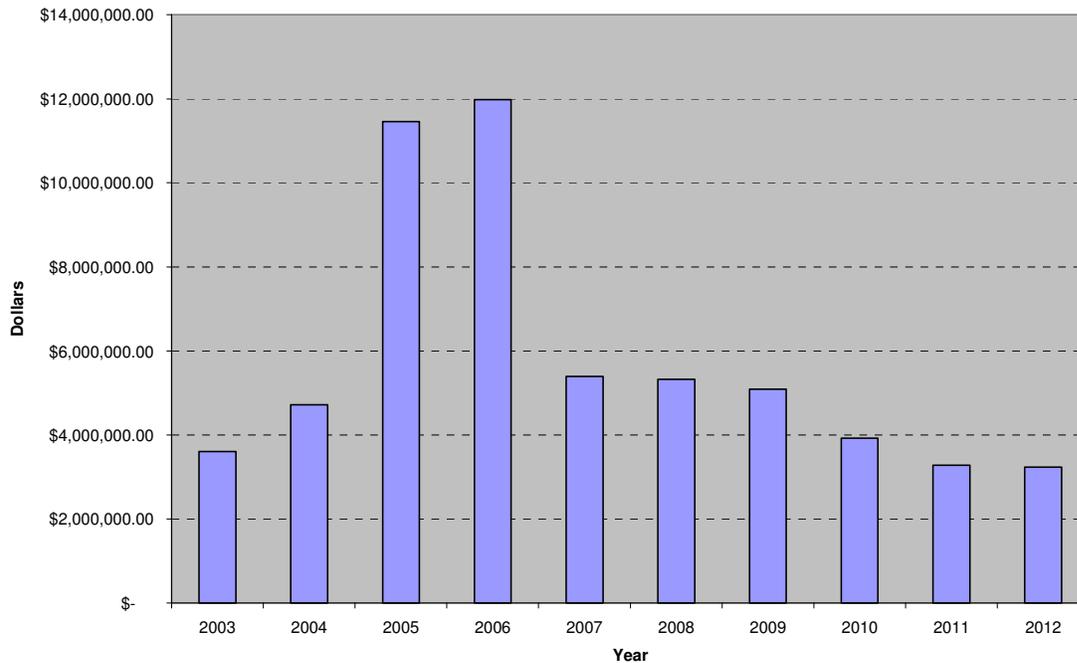


There were 332 hours spent on Individual Lot improvement plan reviews and inspections for 2012 which accounts for 50% of the time spent on Lot Improvements.

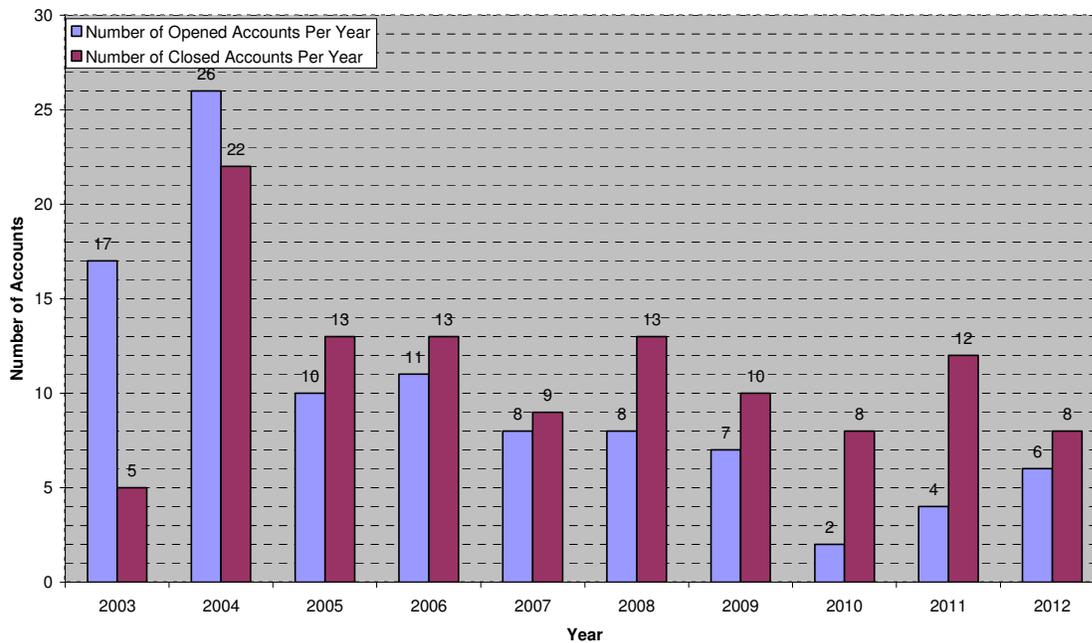
# Escrow Summary

The department administers project bonding, escrows and releases. In 2012 the department managed 2.7 million dollars worth of maintenance, performance or trench settlement bonds at 21 different banking institutions.

Escrow Totals by Year 2003-2012



Number of New Accounts vs. Closed Accounts Per Year  
2003-2012



# Escrow Summary

TYPE	# of Accounts	Opening Value
Maintenance Bond	11	\$474,760.08
Maintenance Escrow	2	\$11,398.50
Maintenance Letter of Credit	1	\$33,051.63
Pavement Repair Escrow	1	\$9,127.00
Performance Bond	6	\$659,799.23
Performance Escrow	17	\$655,657.20
Performance Letter Credit	7	\$755,764.50
Trench Settlement Bond	3	\$20,582.88
Trench Settlement Escrow	1	\$7,466.67
Trench Settlement Letter	5	\$70,699.67
Totals	54	\$2,698,307.36

Financial Institution	# of Accounts	Opening Value
5/3 Bank	1	\$5,000.00
American Contractors Indemnity Company	1	\$13,888.13
Bank One	1	\$86,949.57
Bond Safeguard Insurance Company	3	\$421,785.73
Cincinnati Insurance Co.	2	\$58,081.43
City of Wadsworth	1	\$2,750.00
Federal Insurance Company	1	\$4,550.00
First Merit	8	\$189,854.14
Great American Insurance Company	2	\$15,300.00
Guarantee Company of North America USA	1	\$33,200.00
Huntington National Bank	14	\$853,527.11
JPMorgan Chase Bank	1	\$46,395.71
Liberty Mutual Insurance Company	1	\$7,150.00
National City Bank	1	\$2,721.14
Ohio Farmers Insurance	2	\$53,563.40
PNC Bank	1	\$28,000.00
Savings Bank & Trust	1	\$130,098.45
State Auto Insurance	4	\$146,341.87
Travelers Casualty & Surety Company of America	3	\$88,149.49
UBS Financial Services Inc.	4	\$194,269.05
XL Specialty Insurance Company	1	\$316,732.14
Totals	54	\$2,698,307.36

# Records Admin. and Mapping

The City's records retention policy prescribes that the Engineering department has control of the right of way plans, infrastructure, construction and as-built drawings throughout the City except the building plans kept by the building inspector. These records need to be maintained, indexed, organized, updated and available for use by the homeowners, departments, engineers, developers, public utilities, businesses, and the general public as requested.

This information helps the engineering department provide public assistance to residents needing engineering advice, assist individuals with tax maps, topographic maps, storm sewer, sanitary sewer and water service locations, fencing issues, easements, addresses, etc. This also allows the engineering department to maintain and updates multiple maps which include the roadmap, zoning, bus routes, fire protection, ward maps, detention basin maps, traffic counts, benchmarks, etc.

The engineering department is also charged with the update and maintenance of the capitol asset infrastructure inventory. By utilizing the City's records, the Engineering department has quantified the age, determined a value, and a replacement cost of the existing infrastructure. This allows the Engineering department to analyze the current life of the infrastructure to help determine the capitol improvement program for each of the utilities. The City of Wadsworth has 189.2 lane miles of pavement, 99.7 miles of storm sewer, 102.8 miles of sanitary sewer and 123.9 miles of waterline and over 762 acres of right of way under its control.

# Records Admin. and Mapping

Waterline Capitol Assets Added in 2012								
Job #	Job Description	Street	Capitol Asset #	Infra Type	Dia.	Length/ Count	Cost	
2008730	Wadsworth High School Rebuild	School Drive	7033	22 Bend	8	1	\$ -	
				45 Bend	8	3	\$ -	
				Hydrant	8	6	\$ 20,399.76	
				Pipe	8	3669	\$ 172,443.00	
				Tee	8	6	\$ -	
				Valve	8	12	\$ 13,848.00	
							<b>\$ 206,690.76</b>	
2008830	Sacred Heart Church Office & Rectory Expansion	Broad Street	6846	Hydrant	6	1	\$ 3,399.96	
				Pipe	6	227	\$ 20,203.00	
				Valve	6	1	\$ 773.70	
							<b>\$ 24,376.66</b>	
2010410	Stratford Water Line	Stratford Avenue	7014	Pipe	6	124	\$ 11,051.13	
		Stratford Avenue	7015	Cross	8	1	\$ -	
				Eng & Insp	8	1	\$ 94,595.46	
				Hydrant	8	14	\$ 58,431.24	
				Pipe	8	3393	\$ 159,424.00	
				Service	8	95	\$ 71,600.00	
				Tee	8	2	\$ -	
				Valve	8	16	\$ 18,464.00	
			Sunset Boulevard	7016	Hydrant	8	1	\$ 4,173.66
					Pipe	8	314	\$ 14,767.40
					Valve	8	4	\$ 4,616.00
								<b>\$ 437,122.89</b>
		2010581	Tiberon Trace PH 2	Brixton Way	7034	Hydrant	8	3
Pipe	8					811	\$ 24,719.28	
Service	8					26	\$ 27,768.00	
Tee	8					2	\$ -	
Valve	8					3	\$ 3,390.00	
	Cobham Lane			7036	Hydrant	8	1	\$ 3,397.00
					Pipe	8	469	\$ 14,295.12
					Tee	8	1	\$ -
					Valve	8	3	\$ 3,390.00
	Langley Lane			7038	Hydrant	8	1	\$ 3,397.00
					Pipe	8	170	\$ 5,181.60
					Tee	8	1	\$ -
					Valve	8	1	\$ 1,130.00
	Buckhurst Run			7040	Hydrant	8	4	\$ 13,588.00
					Pipe	8	885	\$ 26,974.80
			Service	8	21	\$ 22,428.00		
			Tee	8	1	\$ -		
			Valve	8	2	\$ 2,260.00		
						<b>\$ 162,109.80</b>		
2011831	Assisted Living Center (Jerry McLain)	Coalridge Parkway (pvt)	6850	Hydrant	8	5	\$ 16,999.80	
				Pipe	8	2294	\$ 107,818.00	
				Tee	8	2	\$ -	
				Valve	8	9	\$ 10,386.00	
							<b>\$ 135,203.80</b>	
							<b>Grand Total \$ 965,503.91</b>	

# Records Admin. and Mapping

Sanitary Sewer Capitol Assets Added in 2012							
Job #	Job Description	Street	Capitol Asset #	InfraType	Diameter	Length/ Count	Cost
2011412	Durling Drive Sanitary Sewer Lining	Durling Drive	06849	Eng & Insp		1	\$ 10,327.35
				Pipe	10	679	\$ 25,802.00
							<b>\$ 36,129.35</b>
						<b>Grand Total</b>	<b>\$ 36,129.35</b>

# Records Admin. and Mapping

Storm Sewer Capitol Assets Added in 2012								
Job #	Job Description	Street	Capitol Asset #	Infra Type	Diameter/ Size	Length/ Count	Cost	
2008428	State / Main Street Culvert Extension	Main Street	06848	Catch Basin	7x7	1	\$ 12,927.00	
				Eng & Insp			\$ 14,486.84	
				Pipe	78	62	\$ 13,562.00	
		State Street	06847	06847	Catch Basin	7x7	1	\$ 13,244.00
					Eng & Insp			\$ 7,242.34
					Pipe	60	29	\$ 7,511.00
				Catch Basin	2x2	1	\$ 720.00	
				Eng & Insp			\$ 6,697.30	
				Pipe	8	46	\$ 736.00	
						<b>\$ 77,126.48</b>		
2010410	Stratford Water Line	Stratford Avenue	07017	Catch Basin	2x2	12	\$ 6,600.00	
				Eng & Insp			\$ 23,648.86	
				Yard Inlet	12	21	\$ 10,195.50	
				Pipe	12	1882	\$ 64,306.00	
						<b>\$ 104,750.36</b>		
2010581	Tiberon Trace PH 2	Buckhurst Run	07041	Catch Basin	2x2	7	\$ 4,900.00	
				Catch Basin	2x3	7	\$ 11,270.00	
				Manhole	48	8	\$ 10,656.00	
				Pipe	12	1331	\$ 29,335.24	
				Pipe	15	477	\$ 12,235.05	
				Langley Lane	07039	Catch Basin	2x3	2
		Manhole	48			1	\$ 1,332.00	
		Pipe	12			69	\$ 5,972.84	
		Cobham Lane	07037	Catch Basin	2x2	3	\$ 2,640.00	
				Manhole	48	1	\$ 1,332.00	
				Pipe	12	271	\$ 5,972.84	
		Brixton Way	07035	07035	Catch Basin	2x2	4	\$ 2,800.00
					Catch Basin	2x3	8	\$ 12,880.00
					Catch Basin	2x6	2	\$ 6,440.00
					Catch Basin	3x3	5	\$ 5,300.00
					Headwall	30	2	\$ 2,200.00
					Manhole	48	10	\$ 13,320.00
					Pipe	12	1025	\$ 22,591.00
					Pipe	15	81	\$ 2,077.65
					Pipe	18	836	\$ 26,166.80
		Pipe	24	33	\$ 1,252.35			
Pipe	30	627	\$ 33,434.19					
						<b>\$ 217,327.96</b>		
2011420	398 West St. Drainage Improvements	West Street	06844	Eng & Insp			\$ 576.12	
				Manhole	48	1	\$ 690.00	
				Pipe	12	212	\$ 6,010.00	
						<b>\$ 7,276.12</b>		
2011450	Sunset Ditch Enclosure	Sunset Boulevard	06843	Catch Basin	3x3	2	\$ 500.00	
				Eng & Insp			\$ 4,658.36	
				Pipe	24	270	\$ 5,400.00	
						<b>\$ 10,558.36</b>		
<b>Grand Total</b>							<b>\$ 417,039.28</b>	



# Records Admin. and Mapping

<b>Right of Way Capitol Assets Added in 2012</b>						
<b>Job #</b>	<b>Job Description</b>	<b>Street</b>	<b>Capitol Asset #</b>	<b>InfraType</b>	<b>Acreage</b>	<b>Cost</b>
2010581	Tiberon Trace PH 2	Brixton Way	07049	Land	1.45	\$ 1,449.00
		Langley Lane	07050	Land	0.19	\$ 185.40
		Buckhurst Run	07062	Land	1.29	\$ 1,292.10
		Cobham Lane	07063	Land	0.24	\$ 235.30
					<b>Grand Total</b>	<b>\$ 3,161.80</b>

# Records Admin. and Mapping

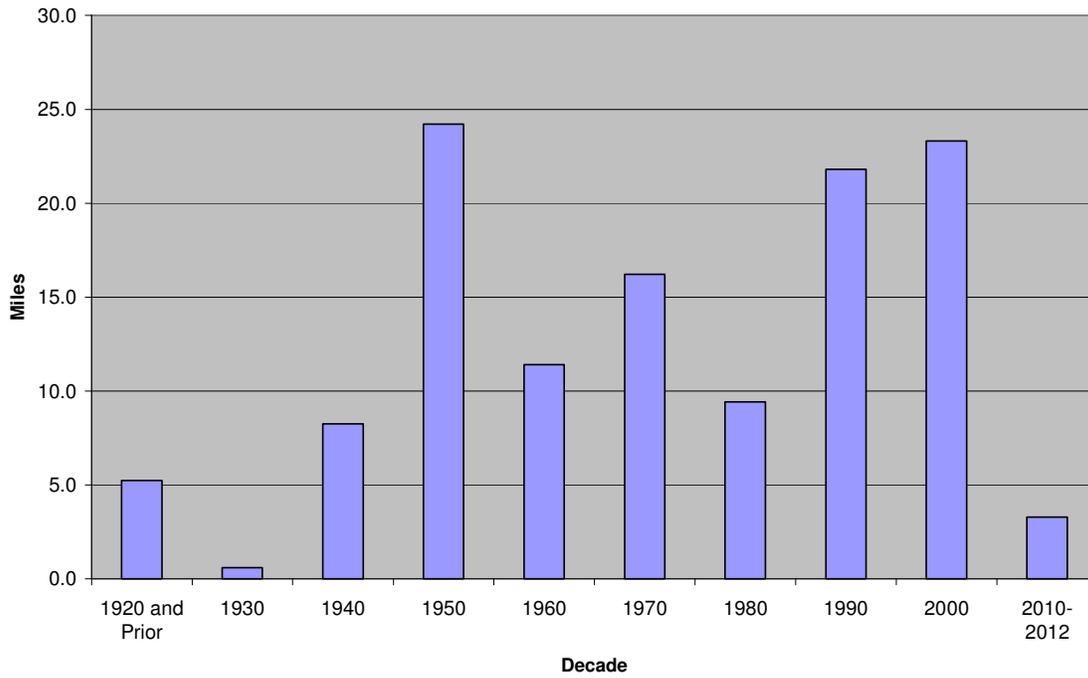
Raw Waterline Capitol Assets Added in 2012							
Job #	Job Description	Street	Capitol Asset #	Infra Type	Dia.	Length/ Count	Cost
2005-600	Rogue Hollow Water Main	Various		Hydrant	6	18	
				Tee	20	18	
				Valve	20	17	
				Valve	16	1	
				Valve	8	1	
				Valve	6	20	
				Pipe	20	36,362	
				Pipe	16	9	
				Pipe	8	35	
				Pipe	6	25	

# Infrastructure Data

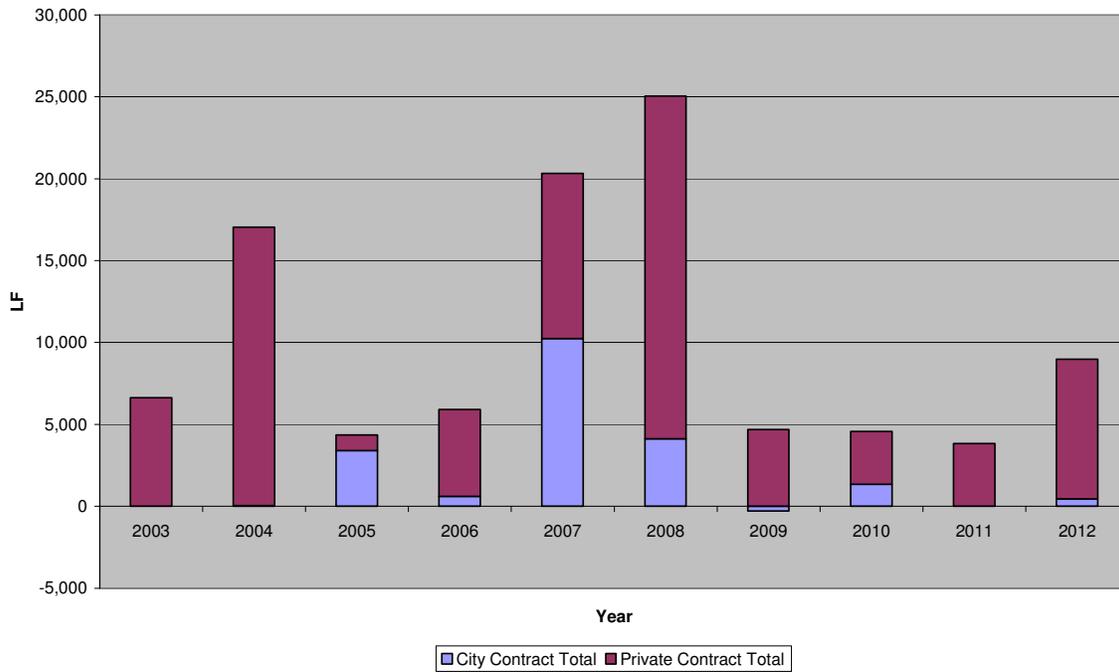
Water Main		
Total amount of Water Main on December 31, 2012	123.9535	Miles
Total amount of New Water Main installed in 2012	2.3402	Miles
Total number of Water Main Valves on December 31, 2012	2,008	Each
Total number of Mainline Valves installed in 2012	51	Each
Total number of Water Main Hydrants on December 31, 2012	1,540	Each
Total number of Hydrants installed in 2012	36	Each
Raw Water Main		
Total amount of Raw Water Main on December 31, 2012	13.2506	Miles
Total amount of New Raw Water Main installed in 2012	6.8998	Miles
Total number of Raw Water Main Valves on December 31, 2012	57	Each
Total number of New Raw Water Main Valves installed in 2012	39	Each
Total number of Raw Water Main Hydrants on December 31, 2012	18	Each
Total number of New Raw Water Main Hydrants installed in 2012	18	Each
Sanitary Sewer		
Total amount of Sanitary Sewer on December 31, 2012	102.8116	Miles
Total amount of New Sanitary Sewer installed in 2012	0.0000	Miles
Total amount of Sanitary Sewer lining in 2012	0.1286	Miles
Total amount of Sanitary Manholes on December 31, 2012	2,143	Each
Total amount of Sanitary Manholes installed in 2012	0	Each
Storm Sewer		
Total amount of Storm Sewer on December 31, 2012	99.7536	Miles
Total amount of New Storm Sewer installed in 2012	1.3733	Miles
Total amount of Storm Manholes on December 31, 2012	1,394	Each
Total amount of Storm Manholes installed in 2012	21	Each
Total amount of Catch Basins on December 31, 2012	3,443	Each
Total amount of Catch Basins installed in 2012	55	Each
Pavement		
Total amount of Pavement on December 31, 2012	189.25	Lane Miles
Total amount of New Road Surface installed in 2012 (asphalt)	0.0000	Lane Miles
Total amount of New Road Surface installed in 2012 (concrete)	0.9027	Lane Miles
Total amount of Re-Surfacing installed in 2012	2.4364	Lane Miles
Sidewalk		
Total amount of new/replaced sidewalks by the sidewalk programs in 2012	0.4197	Miles
ROW		
Total amount of Right of Way on December 31, 2012	762	Acres
Total amount of New Right of Way in 2012	3.1618	Acres

# Water Main

Water Main Installed by Decade (Miles)



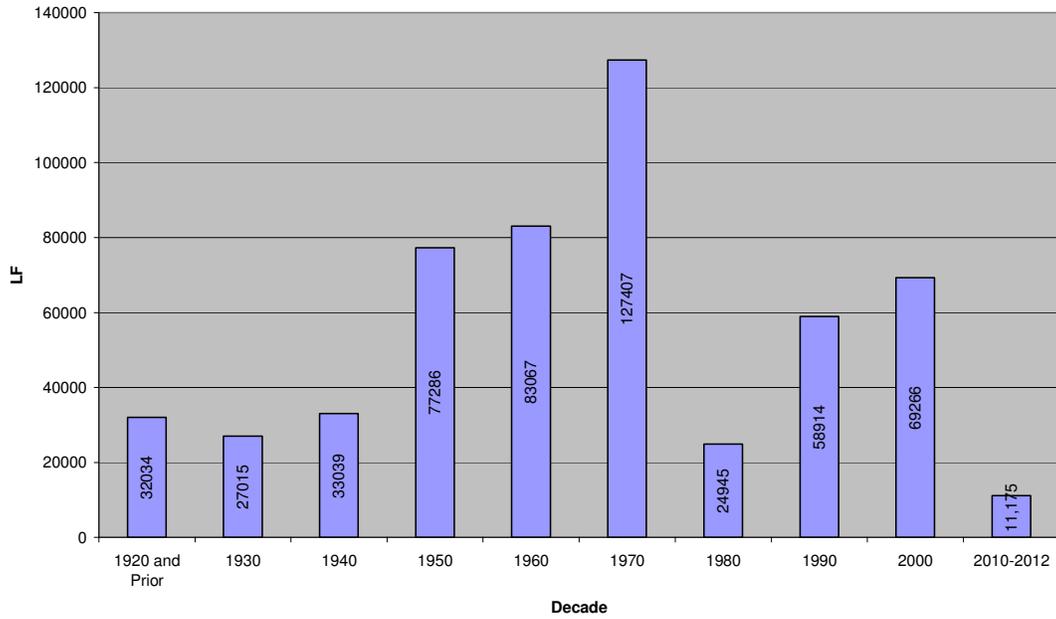
2003-2012 City Contract vs. Private Contract Water Line Lengths  
(Note: Includes Abandoning Lines)



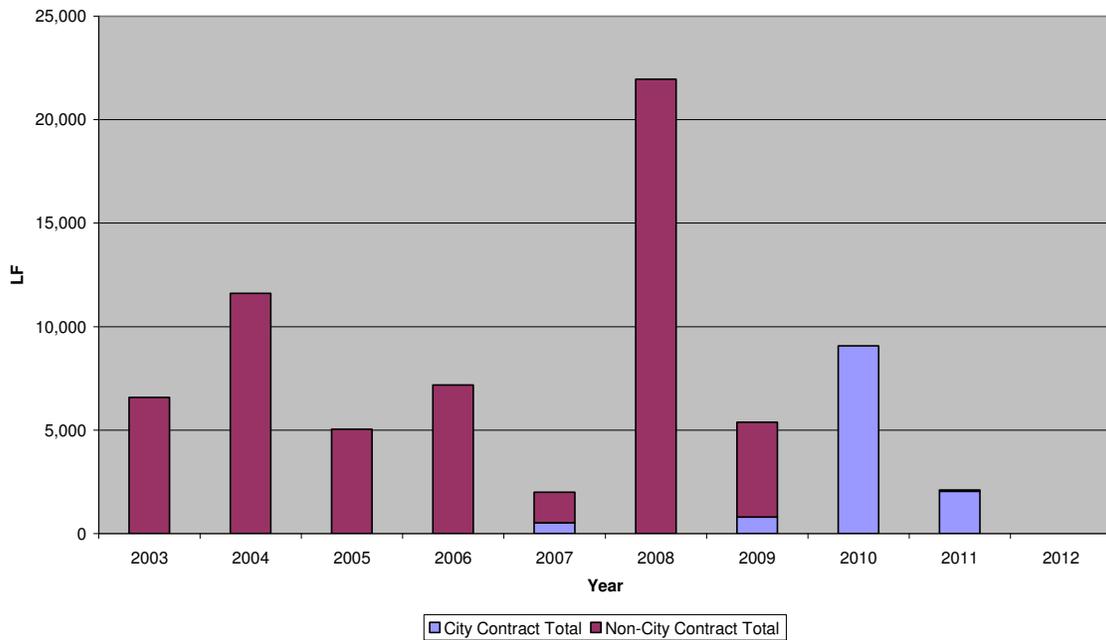


# Sanitary Sewer

**Total Sanitary Sewer Installed by Decade**

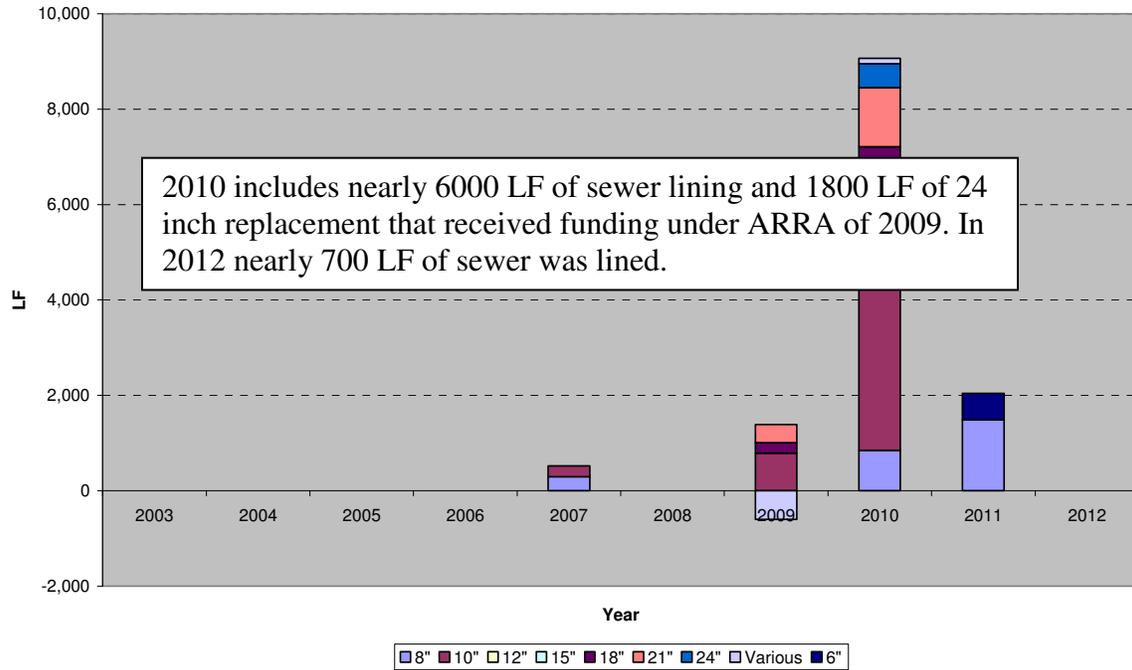


**2003-2012 City Contract vs. Non-City Contract Sanitary Sewer Lengths Installed (Note: Includes Abandoning Lines)**

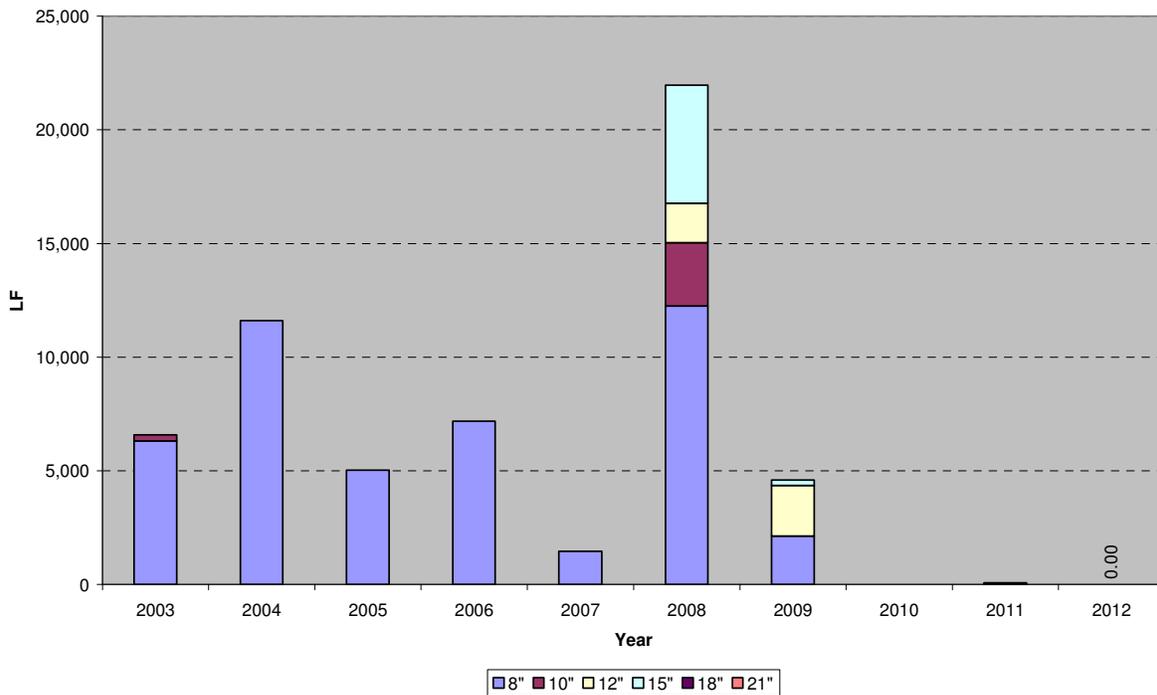


# Sanitary Sewer

2003-2012 Sanitary Sewer  
Installed by City Contract by Size

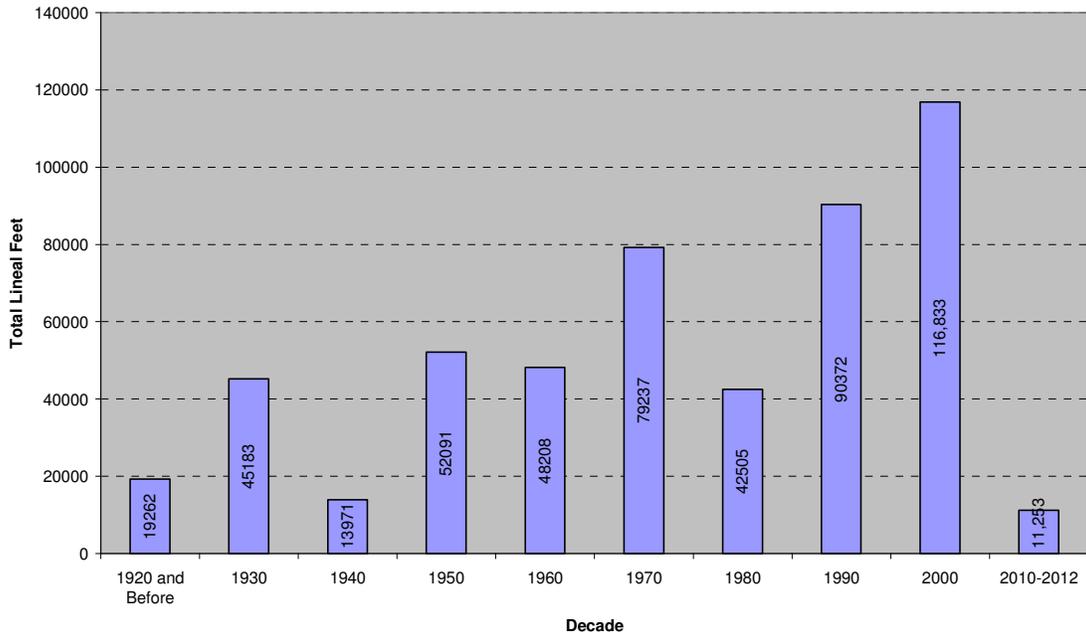


2003-2012 Sanitary Sewer  
Non-City Contract installed by Size

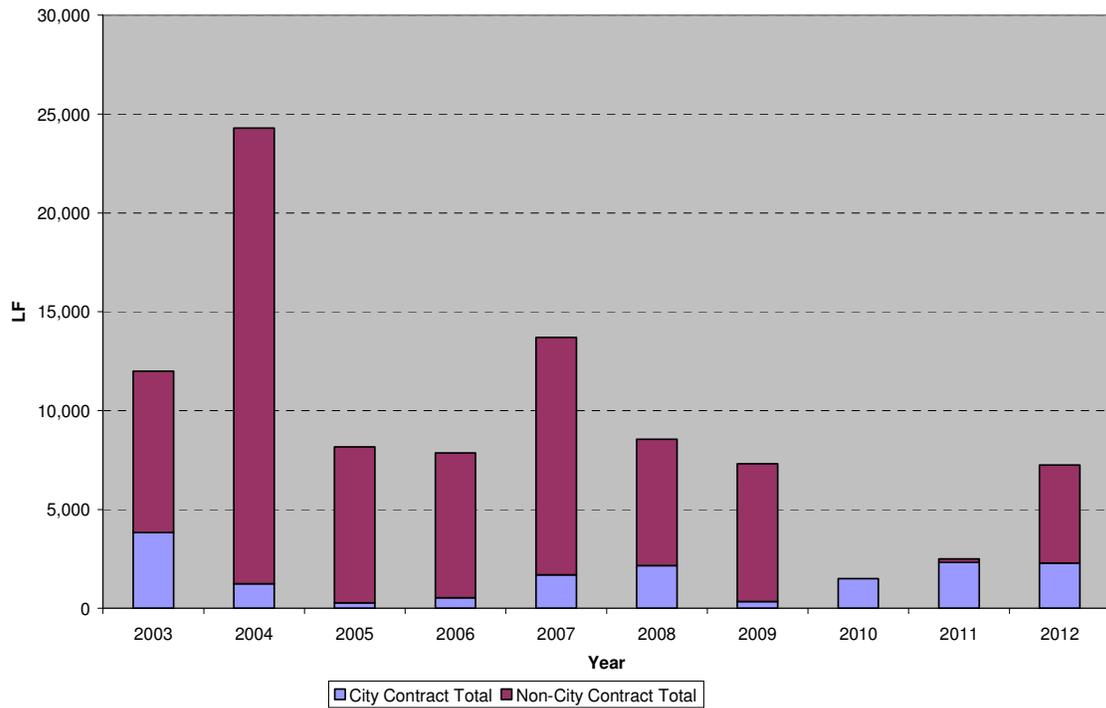


# Storm Sewer

**Storm Sewer Lengths  
Installed by Decade**

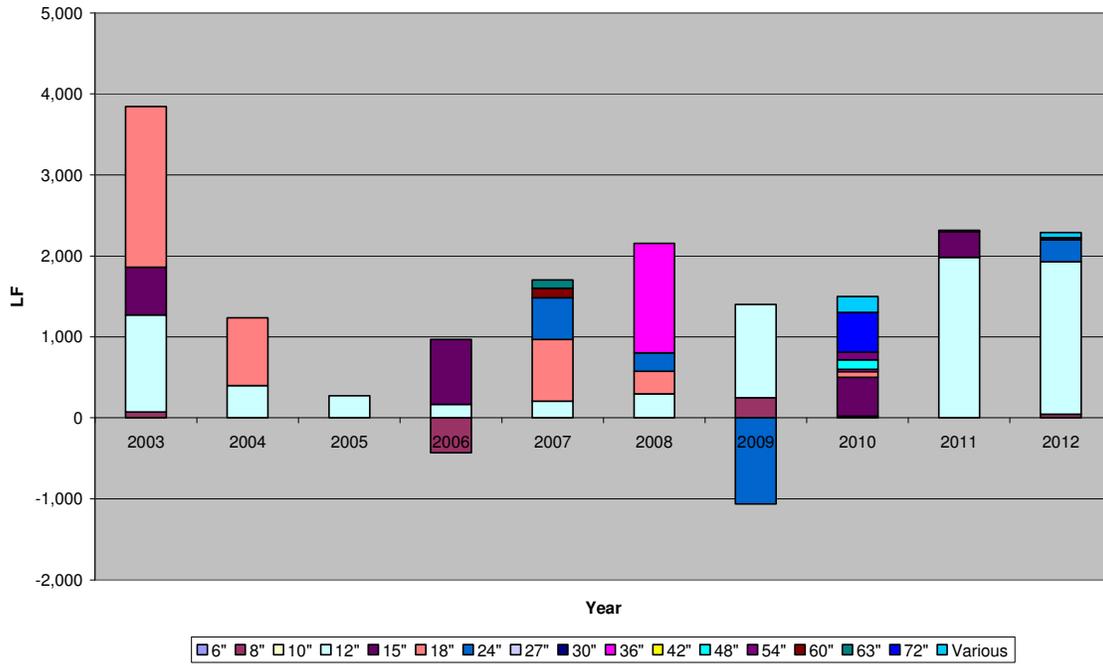


**2003-2012 Non-City Contract vs. City Contract Storm Sewer Lengths  
(Note: Includes Abandoning Lines)**

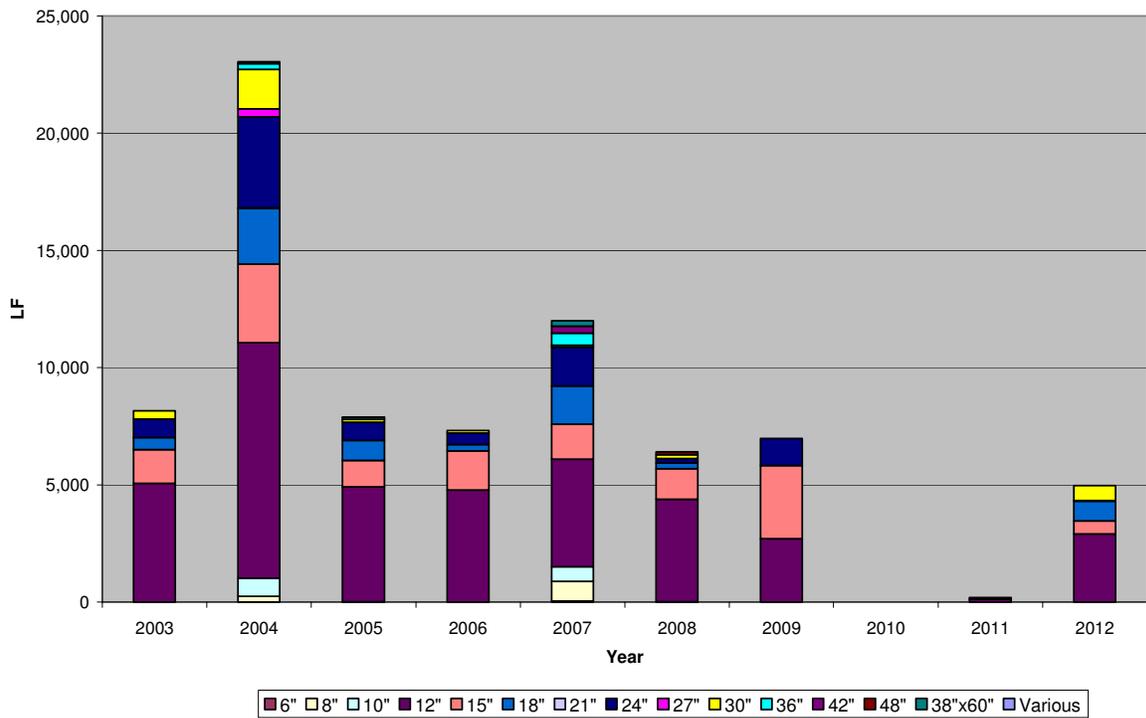


# Storm Sewer

2003-2012 Storm Sewer  
City Contract by Size

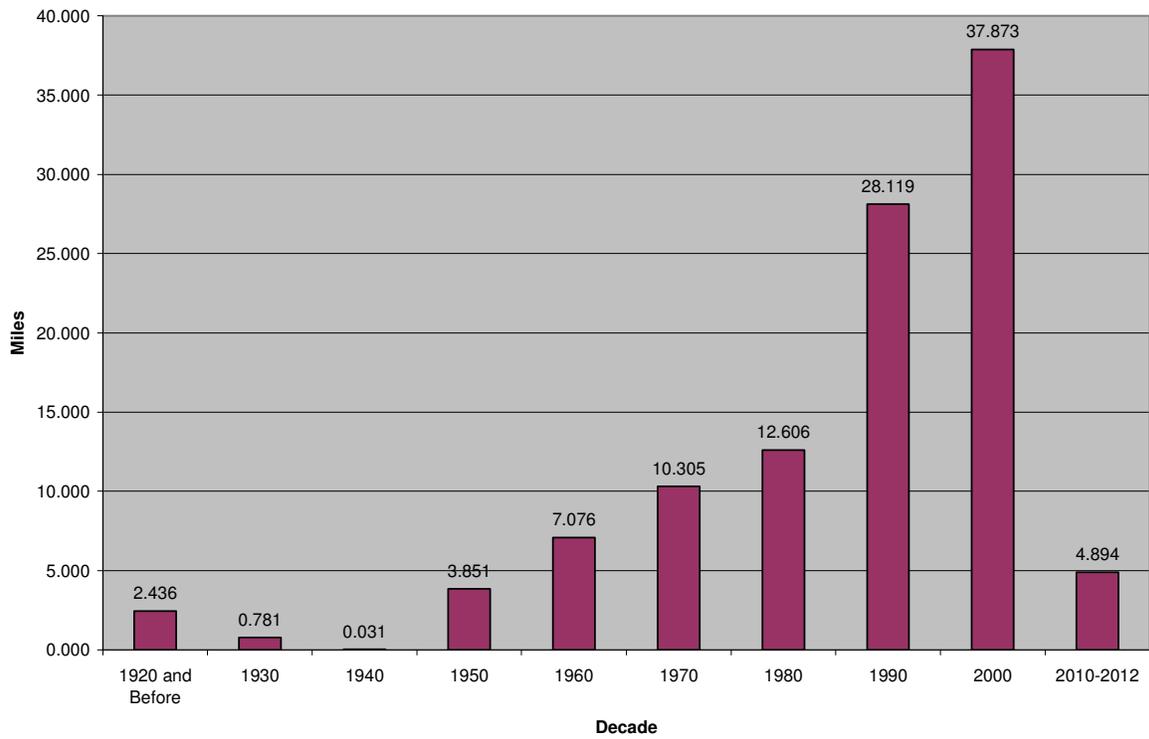


2003-2012 Storm Sewer  
Non-City Contract by Size

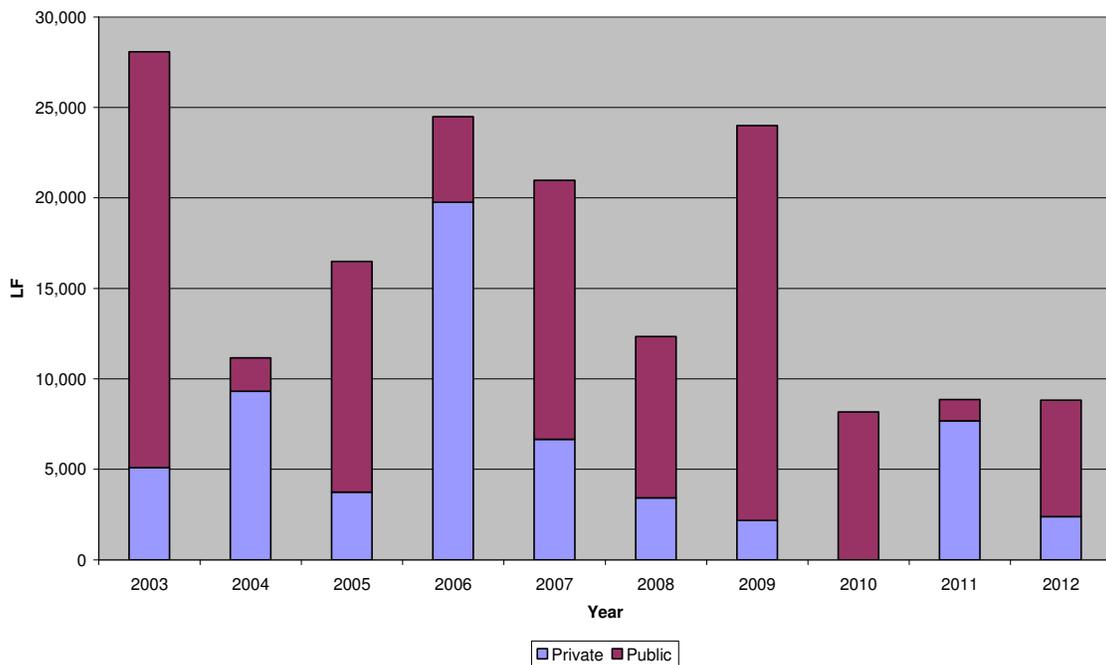


# Pavement

Pavement by Decade Installed (Miles)

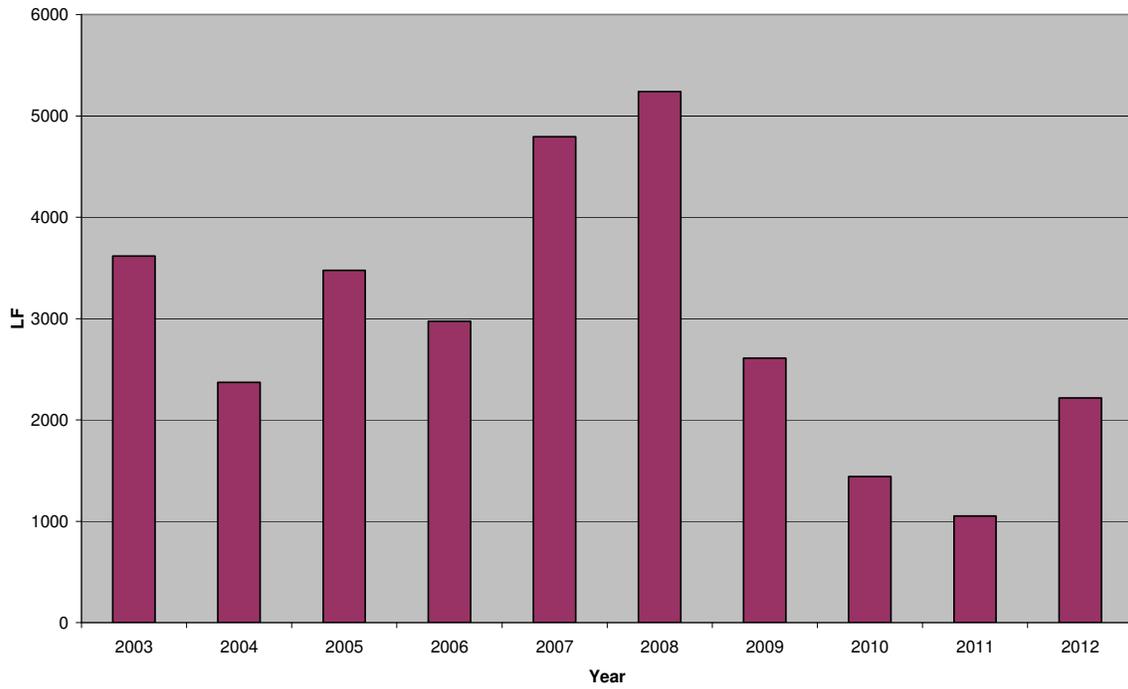


2003-2012 Street Improvement  
Non-City Contract vs. City Contract

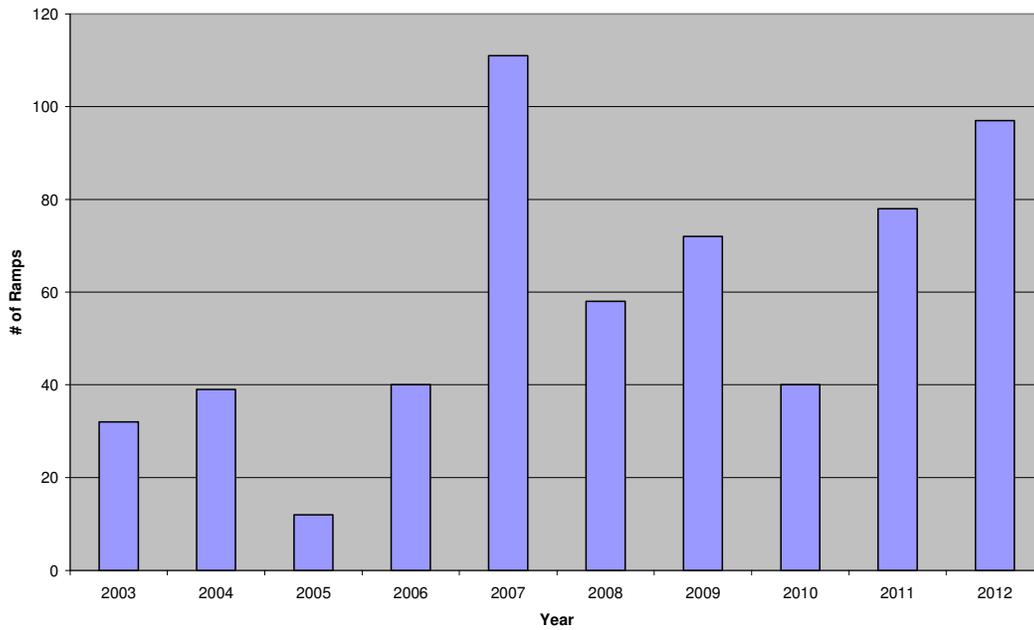


# Sidewalk

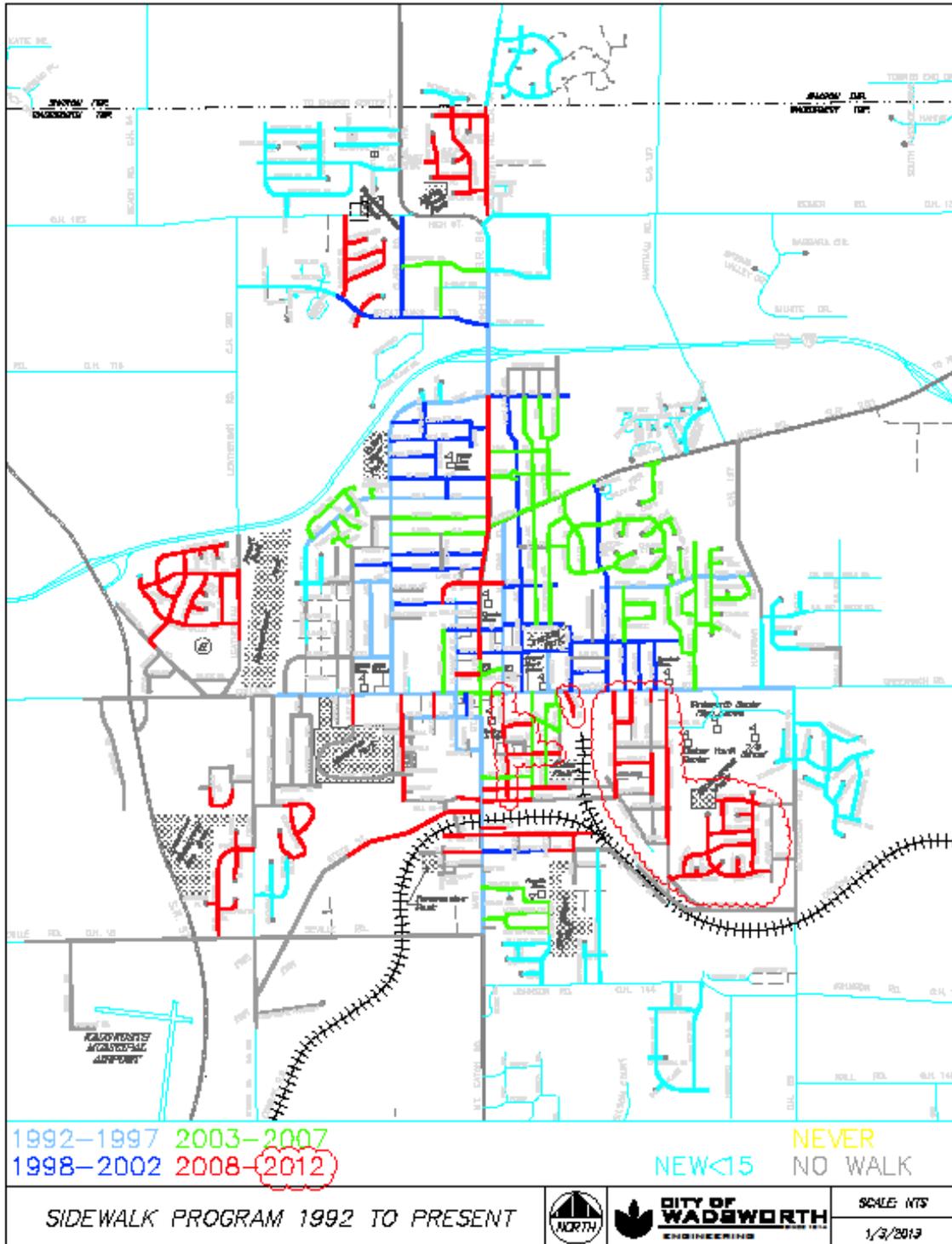
2003-2012 Linear Feet of Sidewalk Replacement in Sidewalk Programs



2003-2012 Number of Sidewalk Ramps Replaced in Sidewalk Programs  
2006-2011 to ADA Standards



# Sidewalk



# Equipment

COMPUTERS		
Year		Machine #
<b>CITY ENGINEER</b>		
2012	Dell Precision T5500	H82RWP1
<b>ENGINEERING SERVICES SUPERVISOR</b>		
2011	Dell Precision T5500	2011-0010
2008	Dell Lat D830	2008-3
<b>ENGINEERS</b>		
2012	Dell Precision T5500	2GZZVV1
2012	Dell Precision T5500	2012-0050
<b>ENGINEERING TECHNICIANS</b>		
2009	Dell Precision T5500	2009-0010
2007	Dell Dual-Core 1.866ghz	2007-0011
2011	Dell Precision T5500	2011-0003
2011	Dell Precision T5500	2011-0011
2011	Dell Precision T5500	2011-0012
2010	Dell Lat E6500 1.59 ghz, Field Inspector Laptop	2010-0049
2010	Dell Lat E6500 1.59 ghz, Field Inspector Laptop	2010-0050
2010	Dell Lat E6500 1.59 ghz, Field Inspector Laptop	2010-0051
2010	Dell Lat E6500 1.59 ghz, Field Inspector Laptop	2010-0052
<b>ENGINEERING OFFICE ASSISTANT</b>		
2006	Dell P4 3.0ghz	2006-0008
<b>ENGINEERING OFFICE CO-OP</b>		
2005	Dell Optiplex GX 620	2005-0004
2008	Dell Lat D830	2008-0013
2007	Dell Dual-Core 1.866ghz	2007-0009
<b>WORK STATIONS</b>		
2001	Dell P4 1.7ghz, Basement CFS	2001-0002
2006	Dell Precision 670, Task Navigator	2006-0009
<b>OCE</b>		
2003	Dell P4 2.2ghz	2003-0002
2008	Dell Optiplex 740	2008-0015
<b>MONITORS</b>		
Year		Monitor #
<b>CITY ENGINEER</b>		
2012	24" Dell LCD	2012-0056
2012	24" Dell LCD	2012-0053
<b>ENGINEERING SERVICES SUPERVISOR</b>		
2008	20" Dell LCD	2008-0009
2008	20" Dell LCD	2008-0012
<b>ENGINEERS</b>		
2012	24" Dell LCD	2012-0054
2012	24" Dell LCD	2012-0055
2011	24" Dell LCD	2011-0014
2012	24" Dell LCD	2012-0049
<b>ENGINEERING TECHNICIANS</b>		
2007	20" Dell LCD	2007-0008
2007	24" Dell LCD	2007-0006
2009	22" Dell LCD	2009-0011
2009	22" Dell LCD	2009-0012
2010	24" Dell LCD	2010-0074
2010	24" Dell LCD	2010-0075
2011	24" Dell LCD	2011-0013
2011	24" Dell LCD	2011-0015
2011	24" Dell LCD	2011-0016
<b>ENGINEERING OFFICE ASSISTANT</b>		
2007	20" Dell LCD	2007-0007
2008	20" Dell LCD	2008-0008
<b>ENGINEERING OFFICE CO-OP</b>		
2011	22" Dell LCD	2011-0008
2011	22" Dell LCD	2001-0009
2005	20" Dell LCD	2005-0005
2005	20" Dell LCD	2005-0007
<b>WORK STATIONS</b>		
2007	20" Dell LCD	2007-0010
2005	20" Dell LCD	2005-0003
2008	20" Dell LCD	2008-0011
2011	22" Dell LCD	2011-0009
<b>OCE</b>		
2006	20" Dell LCD	2006-0007

# Equipment

<b>PRINTERS</b>	
1998	HP Design Jet 750C Plus Plotter
2003	Oce TDS400
	RICOH Aficio 2051
2011	RICOH Aficio MP C2051
	RICOH Aficio 2020D
<b>FIELD EQUIPMENT</b>	
<b>Qty.</b>	
1	CST Magnatrac 100 Locator
2	CST Magnatrac 101 Locator
1	CST Magnatrac 102 Locator
1	Rotating Laser
3	NC-97 Traffic Counters
4	NC-200 Traffic Counters
1	Traffic Tally 4 Counter
3	Pharos GPS 535v PDA
<b>SURVEY EQUIPMENT</b>	
<b>Year</b>	
1997	Leica TC-800 Total Station
2000	Topcon AT-G2 Auto Level
2007	Precision Surveying Solutions Data Collector
2007	Promark3 GPS Unit
2009	Leica TC-1201+ Total Station
2011	CST AL-500H Laser Level

<b>VEHICLES</b>			
<b>Year</b>	<b>Model</b>	<b>Vehicle #</b>	<b>Mileage</b>
2007	Chevy Silverado	5-008-07	19,555
2006	GMC Sierra	5-001-06	36,600
2005	Chevy Blazer	5-007-05	30,451
2003	Chevy Suburban	5-004-03	20,661
2001	Ford Crown Victoria	5-005-01	128,373
1998	Chevy S10 Pickup Truck	5-011-98	39,861
2010	New Holland Rustler UTV	5-010-10	50.3 hrs.
2006	Ford Crown Victoria	5-003-06	107,353

# 2012 Department Budget Summary

CITY OF WADSWORTH										
2012 DEPARTMENT BUDGET										
									12/13/2011	
	<b>FUND</b>	General								
	<b>DEPARTMENT</b>	Public Service								
	<b>DIVISION</b>	Engineering Services - Engineering Office								
	<b>110-7300-52230</b>	<b>EDUCATION &amp; MEETING EXPENSE</b>								
PO#	Description	Quantity	Price	Budget Estimate	Current	Encumbered	Current + Encumbered	Remaining		
	Tom PDH	1	\$ 750.00	\$ 750.00	\$ -	\$ -	\$ -	\$ 750.00		
2012003075	Foxmoor Continuing Education			\$ -	\$ 299.00	\$ -	\$ 299.00	\$ (299.00)		
	Larry PDH	1	\$ 750.00	\$ 750.00	\$ -	\$ -	\$ -	\$ 750.00		
2012003184	PLSO Conference	1		\$ -	\$ 245.14	\$ -	\$ 245.14	\$ (245.14)		
2012003017	PLSO Conference Registration			\$ -	\$ 285.00	\$ -	\$ 285.00	\$ (285.00)		
	Jim PDH	1	\$ 500.00	\$ 500.00	\$ -	\$ -	\$ -	\$ 500.00		
2012001586	Ohio Aviation Asso			\$ -	\$ 150.00	\$ -	\$ 150.00	\$ (150.00)		
2012003712	Ohio LTAP Center			\$ -	\$ 125.00	\$ -	\$ 125.00	\$ (125.00)		
	Zach LTAP	1	\$ 130.00	\$ 130.00	\$ -	\$ -	\$ -	\$ 130.00		
	Steve	1	\$ 130.00	\$ 130.00	\$ -	\$ -	\$ -	\$ 130.00		
	Josh PDH	1	\$ 500.00	\$ 500.00	\$ -	\$ -	\$ -	\$ 500.00		
	Eric LTAP	1	\$ 130.00	\$ 130.00	\$ -	\$ -	\$ -	\$ 130.00		
	Deb	1	\$ 200.00	\$ 200.00	\$ -	\$ -	\$ -	\$ 200.00		
	Luke LTAP	1	\$ 130.00	\$ 130.00	\$ -	\$ -	\$ -	\$ 130.00		
No PO	Business Card Interest			\$ -	\$ 6.92	\$ -	\$ 6.92	\$ (6.92)		
2012003924	Ohio Ready Mixed Concrete Association			\$ -	\$ -	\$ 50.00	\$ 50.00	\$ (50.00)		
				\$ -	\$ -	\$ -	\$ -	\$ -		
	<b>Carry Over Enc.</b>			\$ -	\$ -	\$ -	\$ -	\$ -		
				\$ -	\$ -	\$ -	\$ -	\$ -		
				\$ -	\$ -	\$ -	\$ -	\$ -		
				\$ -	\$ -	\$ -	\$ -	\$ -		
	<b>Total</b>			<b>\$ 3,220.00</b>	<b>\$ 1,111.06</b>	<b>\$ 50.00</b>	<b>\$ 1,161.06</b>	<b>\$ 2,058.94</b>		

# 2012 Department Budget Summary

CITY OF WADSWORTH									
2012 DEPARTMENT BUDGET									
									12/13/2011
	<b>FUND</b>	General							
	<b>DEPARTMENT</b>	Public Service							
	<b>DIVISION</b>	Engineering Services - Engineering Office							
	<b>110-7300-53030</b>	<b>ENGINEERING OFFICE EXPENSE CONTRACT</b>							
PO #	Description	Budget Estimate	Current	Encumbered	Current + Encumbered	Remaining			
	Typewriter Maintenances	\$ 83.00	\$ -	\$ -	\$ -	\$ 83.00			
	Copy Overage Charge	\$ 50.00	\$ -	\$ -	\$ -	\$ 50.00			
	OCE Maintenance Contract	\$ 2,700.00	\$ -	\$ -	\$ -	\$ 2,700.00			
2012000108	OCE Maintenance Contract	\$ -	\$ 2,910.12	\$ -	\$ 2,910.12	\$ (2,910.12)			
	New Copier Costs	\$ 1,440.00	\$ -	\$ -	\$ -	\$ 1,440.00			
2012000642	MT Business Technologies Rental & Copies	\$ -	\$ -	\$ 198.04	\$ 198.04	\$ (198.04)			
2012000642	2012 COPIER LEASE JAN 2012	\$ -	\$ 21.66	\$ -	\$ 21.66	\$ (21.66)			
2012000642	2012 COPIES - JAN 2012	\$ -	\$ 29.42	\$ -	\$ 29.42	\$ (29.42)			
2012000642	2012 Copies - JAN 2012	\$ -	\$ 115.05	\$ -	\$ 115.05	\$ (115.05)			
2012000642	2012 Copies - JAN 2012	\$ -	\$ 4.05	\$ -	\$ 4.05	\$ (4.05)			
2012000642	2012 COPIER LEASE FEB 2012	\$ -	\$ 21.65	\$ -	\$ 21.65	\$ (21.65)			
2012000642	2012 Copies - FEB 2012	\$ -	\$ 4.86	\$ -	\$ 4.86	\$ (4.86)			
2012000642	2012 COPIES - MAR 2012 COLOR.	\$ -	\$ 154.60	\$ -	\$ 154.60	\$ (154.60)			
2012000642	2012 COPIES - MAR 2012 BLK	\$ -	\$ 70.49	\$ -	\$ 70.49	\$ (70.49)			
2012000642	2012 COPIER LEASE MAR 2012	\$ -	\$ 21.65	\$ -	\$ 21.65	\$ (21.65)			
2012000642	2012 COPIER LEASE APL 2012	\$ -	\$ 21.65	\$ -	\$ 21.65	\$ (21.65)			
2012000642	2012 Copies - APRIL 2012	\$ -	\$ 33.65	\$ -	\$ 33.65	\$ (33.65)			
2012000642	2012 COPIER LEASE MAY 2012	\$ -	\$ 21.65	\$ -	\$ 21.65	\$ (21.65)			
2012000642	2012 Copies - APRIL 2012	\$ -	\$ 89.10	\$ -	\$ 89.10	\$ (89.10)			
2012000642	2012 Copies - MAY 2012	\$ -	\$ 29.92	\$ -	\$ 29.92	\$ (29.92)			
2012000642	2012 COPIER LEASE JUNE 2012	\$ -	\$ 21.65	\$ -	\$ 21.65	\$ (21.65)			
2012000642	2012 COPIER LEASE JUL 2012	\$ -	\$ 21.65	\$ -	\$ 21.65	\$ (21.65)			
2012000642	2012 Copies - JUN 2012	\$ -	\$ 104.64	\$ -	\$ 104.64	\$ (104.64)			
2012000642	2012 COPIER LEASE AUG 2012	\$ -	\$ 21.64	\$ -	\$ 21.64	\$ (21.64)			
2012000642	Copies- Jul 2012	\$ -	\$ 68.17	\$ -	\$ 68.17	\$ (68.17)			
2012000642	2012 COPIER LEASE SEPT 2012	\$ -	\$ 21.65	\$ -	\$ 21.65	\$ (21.65)			
2012000642	2012 Copies - AUG 2012	\$ -	\$ 67.98	\$ -	\$ 67.98	\$ (67.98)			
2012000642	2012 Copies - SEP 2012	\$ -	\$ 91.87	\$ -	\$ 91.87	\$ (91.87)			
2012000642	2012 COPIER LEASE OCT 2012	\$ -	\$ 21.66	\$ -	\$ 21.66	\$ (21.66)			
2012000642	2012 COPIER LEASE Dec 2012	\$ -	\$ 21.65	\$ -	\$ 21.65	\$ (21.65)			
2012000642	2012 COPIER LEASE NOV 12	\$ -	\$ 21.65	\$ -	\$ 21.65	\$ (21.65)			
2012000642	2012 COPIES OCT 12	\$ -	\$ 9.51	\$ -	\$ 9.51	\$ (9.51)			
2012000642	2012 Copies - Nov 12	\$ -	\$ 27.03	\$ -	\$ 27.03	\$ (27.03)			
2012000642	2012 Copies - OCT 12	\$ -	\$ 91.13	\$ -	\$ 91.13	\$ (91.13)			
	Panasonic FP-7722 Copy Costs	\$ -	\$ -	\$ -	\$ -	\$ -			
		\$ -	\$ -	\$ -	\$ -	\$ -			
	<b>Carry Over Enc.</b>	\$ -	\$ -	\$ -	\$ -	\$ -			
2011000903	MT Business Technologies Rental & Copies	\$ 81.26	\$ -	\$ -	\$ -	\$ 81.26			
2011000903	Rental Dec 2011	\$ -	\$ 21.65	\$ -	\$ 21.65	\$ (21.65)			
2011000903	Copies Dec 2011	\$ -	\$ 59.61	\$ -	\$ 59.61	\$ (59.61)			
		\$ -	\$ -	\$ -	\$ -	\$ -			
	<b>Budget Adjustment</b>	\$ -	\$ -	\$ -	\$ -	\$ -			
	From 54050 to 53030	\$ 211.00	\$ -	\$ -	\$ -	\$ 211.00			
		\$ -	\$ -	\$ -	\$ -	\$ -			
	<b>Total</b>	<b>\$ 4,565.26</b>	<b>\$ 4,242.66</b>	<b>\$ 198.04</b>	<b>\$ 4,440.70</b>	<b>\$ 124.56</b>			

# 2012 Department Budget Summary

<b>CITY OF WADSWORTH</b>										
2012 DEPARTMENT BUDGET										
									12/13/2011	
	<b>FUND</b>	General								
	<b>DEPARTMENT</b>	Public Service								
	<b>DIVISION</b>	Engineering Services - Engineering Office								
	<b>110-7300-53035</b>	<b>SOFTWARE</b>								
PO #	Description					Budget Estimate	Current	Encumbered	Current + Encumbered	Remaining
	Dextrack Work Order Annual Fee					\$ 1,500.00	\$ -	\$ -	\$ -	\$ 1,500.00
2012001847	GO Concepts Inc Dextrack					\$ -	\$ 1,500.00	\$ -	\$ 1,500.00	\$ (1,500.00)
	Civil 3D Task Navigator Subscription					\$ -	\$ -	\$ -	\$ -	\$ -
	Back Office Inspection Program					\$ 5,000.00	\$ -	\$ -	\$ -	\$ 5,000.00
2012000825	Back Office Software					\$ -	\$ 5,000.00	\$ -	\$ 5,000.00	\$ (5,000.00)
	Back Office Subscription Fee					\$ 1,020.00	\$ -	\$ -	\$ -	\$ 1,020.00
2012000825	Morf Corp Back Office & Build a form					\$ -	\$ 1,000.00	\$ -	\$ 1,000.00	\$ (1,000.00)
	AutoCAD Subscription Fee					\$ 5,000.00	\$ -	\$ -	\$ -	\$ 5,000.00
2012000109	AutoCAD LT2012					\$ -	\$ 185.26	\$ -	\$ 185.26	\$ (185.26)
2012000109	AutoCAD Civil2012					\$ -	\$ 3,781.16	\$ -	\$ 3,781.16	\$ (3,781.16)
2012000109	Autodesk Infrastructure Design					\$ -	\$ 956.80	\$ -	\$ 956.80	\$ (956.80)
						\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Carry Over Enc.</b>						\$ -	\$ -	\$ -	\$ -
	Tiger Direct					\$ 602.07	\$ -	\$ -	\$ -	\$ 602.07
2011004041	Microsoft Visio 2010 Prem					\$ -	\$ 602.07	\$ -	\$ 602.07	\$ (602.07)
						\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Total</b>					<b>\$ 13,122.07</b>	<b>\$ 13,025.29</b>	<b>\$ -</b>	<b>\$ 13,025.29</b>	<b>\$ 96.78</b>

# 2012 Department Budget Summary

<b>CITY OF WADSWORTH</b>										
2012 DEPARTMENT BUDGET										
								12/13/2011		
	<b>FUND</b>	General								
	<b>DEPARTMENT</b>	Public Service								
	<b>DIVISION</b>	Engineering Services - Engineering Office								
	<b>110-7300-53050</b>	<b>LEGAL ADS &amp; PUBLICATIONS</b>								
PO #	Description					Budget Estimate	Current	Encumbered	Current + Encumbered	Remaining
	Unspecified					\$ 300.00	\$ -	\$ -	\$ -	\$ 300.00
2012000111		Medina County Recorder					\$ 86.40	\$ -	\$ 86.40	\$ (86.40)
2012000110		The Gazette					\$ -	\$ 150.00	\$ 150.00	\$ (150.00)
							\$ -	\$ -	\$ -	\$ -
	<b>Carry Over Enc.</b>						\$ -	\$ -	\$ -	\$ -
2011000802	Gazette Publication					\$ 200.00	\$ -	\$ 200.00	\$ 200.00	\$ -
							\$ -	\$ -	\$ -	\$ -
	<b>Total</b>					<b>\$ 500.00</b>	<b>\$ 86.40</b>	<b>\$ 350.00</b>	<b>\$ 436.40</b>	<b>\$ 63.60</b>

# 2012 Department Budget Summary

<b>CITY OF WADSWORTH</b>									
2012 DEPARTMENT BUDGET									
									12/13/2011
	<b>FUND</b>	General							
	<b>DEPARTMENT</b>	Public Service							
	<b>DIVISION</b>	Engineering Services - Engineering Office							
	<b>110-7300-53092</b>	<b>CELLULAR SERVICE</b>							
PO#	Description				Budget Estimate	Current	Encumbered	Current + Encumbered	Remaining
	Annual Verizon Estimate				\$ 5,512.80	\$ -	\$ -	\$ -	\$ 5,512.80
	Payroll Distribution				\$ 900.00	\$ -	\$ -	\$ -	\$ 900.00
		January 2012			\$ -	\$ 125.00	\$ -	\$ 125.00	\$ (125.00)
		February 2012			\$ -	\$ 125.00	\$ -	\$ 125.00	\$ (125.00)
		March 2012			\$ -	\$ 125.00	\$ -	\$ 125.00	\$ (125.00)
		April 2012			\$ -	\$ 125.00	\$ -	\$ 125.00	\$ (125.00)
		May 2012			\$ -	\$ 125.00	\$ -	\$ 125.00	\$ (125.00)
		June 2012			\$ -	\$ 125.00	\$ -	\$ 125.00	\$ (125.00)
		July 2012			\$ -	\$ 125.00	\$ -	\$ 125.00	\$ (125.00)
		August 2012			\$ -	\$ 125.00	\$ -	\$ 125.00	\$ (125.00)
		September 2012			\$ -	\$ 125.00	\$ -	\$ 125.00	\$ (125.00)
		October 2012			\$ -	\$ 125.00	\$ -	\$ 125.00	\$ (125.00)
		November 2012			\$ -	\$ 125.00	\$ -	\$ 125.00	\$ (125.00)
		December 2012			\$ -	\$ 125.00	\$ -	\$ 125.00	\$ (125.00)
2012000854	Verizon Wireless Cellphone				\$ -	\$ -	\$ 2,257.79	\$ 2,257.79	\$ (2,257.79)
		CELLPHONE CHGS - JAN 2012			\$ -	\$ 150.88	\$ -	\$ 150.88	\$ (150.88)
		CELLPHONE CHGS MAR 2012			\$ -	\$ 167.81	\$ -	\$ 167.81	\$ (167.81)
		CELLPHONE CHGS MAR 2012			\$ -	\$ 185.31	\$ -	\$ 185.31	\$ (185.31)
		CELLPHONE CHGS APL 2012			\$ -	\$ 185.73	\$ -	\$ 185.73	\$ (185.73)
		CELLPHONE CHGS - MAY 2012			\$ -	\$ 224.26	\$ -	\$ 224.26	\$ (224.26)
		CELLPHONE CHGS JUL 2012			\$ -	\$ 203.75	\$ -	\$ 203.75	\$ (203.75)
		CELLPHONE CHGS JUL 12			\$ -	\$ 196.04	\$ -	\$ 196.04	\$ (196.04)
		CELLPHONE CHGS SEP 12			\$ -	\$ 236.92	\$ -	\$ 236.92	\$ (236.92)
		CELLPHONE CHGS OCT 12			\$ -	\$ 202.01	\$ -	\$ 202.01	\$ (202.01)
		CELLPHONE CHGS (9-27/10-26)			\$ -	\$ 148.37	\$ -	\$ 148.37	\$ (148.37)
		CELLPHONE CHGS Nov 2012			\$ -	\$ 153.33	\$ -	\$ 153.33	\$ (153.33)
2012000855	Verizon Wireless Broadband				\$ -	\$ -	\$ 235.19	\$ 235.19	\$ (235.19)
		BROADBAND- JAN 2012			\$ -	\$ 43.06	\$ -	\$ 43.06	\$ (43.06)
		BROADBAND- MAR 2012			\$ -	\$ 43.05	\$ -	\$ 43.05	\$ (43.05)
		BROADBAND- APRIL 2012			\$ -	\$ 38.40	\$ -	\$ 38.40	\$ (38.40)
		BROADBAND- MAY 2012			\$ -	\$ 40.05	\$ -	\$ 40.05	\$ (40.05)
		BROADBAND- JUL 2012			\$ -	\$ 40.05	\$ -	\$ 40.05	\$ (40.05)
		BROADBAND- SEP 12			\$ -	\$ 40.05	\$ -	\$ 40.05	\$ (40.05)
		BROADBAND- OCT 12			\$ -	\$ 40.05	\$ -	\$ 40.05	\$ (40.05)
		BROADBAND-(09-27/10-26)			\$ -	\$ 40.05	\$ -	\$ 40.05	\$ (40.05)
		BROADBAND - NOV 12			\$ -	\$ 40.05	\$ -	\$ 40.05	\$ (40.05)
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# 2012 Department Budget Summary

CITY OF WADSWORTH									
2012 DEPARTMENT BUDGET									
								12/13/2011	
		FUND	General						
		DEPARTMENT	Public Service						
		DIVISION	Engineering Services - Engineering Office						
		110-7300-53190	PROFESSIONAL SERVICES						
PO#	Project #	Description			Detailed Budget Estimate	Current	Encumbered	Current + Encumbered	Remaining
2012001442		Edward R Steele			\$ 5,000.00	\$ -	\$ -	\$ -	\$ 5,000.00
		Grading Review & Inspection			-	\$ 2,157.50	-	\$ 2,157.50	\$ (2,157.50)
		Grading Review & Inspection			-	\$ 855.00	-	\$ 855.00	\$ (855.00)
		Plan Review & Inspection			-	\$ 2,199.50	-	\$ 2,199.50	\$ (2,199.50)
2012000826		GPD Reviews			\$ 39,000.00	-	\$ 783.58	\$ 783.58	\$ 38,216.42
	2011907	Reimer Rd Apartments			-	\$ 990.48	-	\$ 990.48	\$ (990.48)
	2010581	Tiberon Trace Subdivision II			-	\$ 631.77	-	\$ 631.77	\$ (631.77)
	2010581	Tiberon Trace Subdivision II			-	\$ 1,104.09	-	\$ 1,104.09	\$ (1,104.09)
	2008760	Restored Church of God			-	\$ 643.24	-	\$ 643.24	\$ (643.24)
	2008760	Restored Church of God			-	\$ 230.89	-	\$ 230.89	\$ (230.89)
	2008760	Restored Church of God			-	\$ 743.88	-	\$ 743.88	\$ (743.88)
	2008760	Restored Church of God			-	\$ 759.82	-	\$ 759.82	\$ (759.82)
					-	-	-	-	-
2012002676		QCI Inspection Services			-	-	-	-	-
2012000826	2010581	Tiberon Trace Subdivision II			-	\$ 1,656.00	-	\$ 1,656.00	\$ (1,656.00)
2012000826	2010581	Tiberon Trace Subdivision II			-	\$ 4,764.00	-	\$ 4,764.00	\$ (4,764.00)
2012000826	2008760	Restored Church of God			-	\$ 3,852.54	-	\$ 3,852.54	\$ (3,852.54)
2012000826	2008760	Restored Church of God			-	\$ 6,564.19	-	\$ 6,564.19	\$ (6,564.19)
					-	-	-	-	-
2012003826		One Time Vendor - Project Billing Reimbursement			-	-	\$ 6,937.59	\$ 6,937.59	\$ (6,937.59)
					-	-	-	-	-
				Sub-total	\$ 44,000.00	\$ 27,152.90	\$ 7,721.17	\$ 34,874.07	\$ 9,125.93
		Carry Over Enc.							
2009004125		Mary Ellen Kimberlin			-	-	-	-	-
2011004080		One Time Vendor - Project Billing Reimbursement			\$ 27,473.82	-	\$ 15,722.94	\$ 15,722.94	\$ 11,750.88
		Reimer Investment Group LLC			-	\$ 8,893.00	-	\$ 8,893.00	\$ (8,893.00)
		Site Quest (Alltel South)			-	\$ 301.00	-	\$ 301.00	\$ (301.00)
		Louis Perry & Associates			-	\$ 79.34	-	\$ 79.34	\$ (79.34)
		Rick Porter / Gross Builders			-	\$ 2,156.17	-	\$ 2,156.17	\$ (2,156.17)
		Grace Lutheran Church			-	\$ 321.37	-	\$ 321.37	\$ (321.37)
					-	-	-	-	-
					-	-	-	-	-
		Budget Adjustment			-	-	-	-	-
		ADJ#051 TO 110-4010-53120 05/22/2012			\$ (6,000.00)	-	-	-	\$ (6,000.00)
		ADJ#081 TO 110-4010-53120 07/23/2012			\$ (4,037.00)	-	-	-	\$ (4,037.00)
		ADJ#081 TO 110-4010-53120 07/23/2012			\$ (4,985.00)	-	-	-	\$ (4,985.00)
		ADJ#090 TO 110-4010-53120 08/07/2012			\$ (3,000.00)	-	-	-	\$ (3,000.00)
		ADJ#100 TO 110-4010-53050 08/28/2012			\$ (1,068.12)	-	-	-	\$ (1,068.12)
		ADJ# 177 FR 110-2200-54071 11/12/2012			\$ 1,000.00	-	-	-	\$ 1,000.00
		ADJ# 177 FR 110-7300-54071 11/12/2012			\$ 2,000.00	-	-	-	\$ 2,000.00
		ADJ# 177 FR 110-4100-53010 11/12/2012			\$ 2,000.00	-	-	-	\$ 2,000.00
		ADJ# 177 FR 110-3100-54125 11/12/2012			\$ 1,000.00	-	-	-	\$ 1,000.00
		ADJ# 177 FR 110-3100-54071 11/12/2012			\$ 1,000.00	-	-	-	\$ 1,000.00
		ADJ# 177 FR 110-3010-53094 11/12/2012			\$ 1,000.00	-	-	-	\$ 1,000.00
		ADJ# 177 FR 110-3100-53070 11/12/2012			\$ 2,000.00	-	-	-	\$ 2,000.00
					-	-	-	-	-
				Total	\$ 62,383.70	\$ 38,903.78	\$ 23,444.11	\$ 62,347.89	\$ 35.81

# 2012 Department Budget Summary

CITY OF WADSWORTH									
2012 DEPARTMENT BUDGET									
									12/13/2011
	<b>FUND</b>	General							
	<b>DEPARTMENT</b>	Public Service							
	<b>DIVISION</b>	Engineering Services - Engineering Office							
	<b>110-7300-53240</b>	<b>SUBSCRIPTION &amp; MEMBERSHIPS EXPENSE</b>							
PO#	Description				Budget Estimate	Current	Encumbered	Current + Encumbered	Remaining
	Dues for Josh, Jim, Tom,Larry,Steve				\$ 1,025.00	\$ -	\$ -	\$ -	\$ 1,025.00
2012002359	CMS4S Inc - Annual Renewal / Late Fees				\$ -	\$ 100.00	\$ -	\$ 100.00	\$ (100.00)
2012001257	CPSWQ Inc - Certification Renewal LDJR				\$ -	\$ 100.00	\$ -	\$ 100.00	\$ (100.00)
2012001258	CMS4S Inc - Certification Renewal Tom				\$ -	\$ -	\$ 75.00	\$ 75.00	\$ (75.00)
2012001259	CPESC Josh				\$ -	\$ -	\$ 100.00	\$ 100.00	\$ (100.00)
2012003017	PLSO Dues				\$ -	\$ -	\$ 10.00	\$ 10.00	\$ (10.00)
2012003017	PLSO Dues - Larry				\$ -	\$ 175.00	\$ -	\$ 175.00	\$ (175.00)
2012003017	PLSO Membership - Tom				\$ -	\$ 165.00	\$ -	\$ 165.00	\$ (165.00)
2012003922	Bozigar ASCE Dues				\$ -	\$ -	\$ 250.00	\$ 250.00	\$ (250.00)
	<b>Carry Over Enc.</b>				\$ -	\$ -	\$ -	\$ -	\$ -
2011000811	PLSO Memberships			\$ -	\$ 125.00	\$ -	\$ 125.00	\$ 125.00	\$ -
					\$ -	\$ -	\$ -	\$ -	\$ -
					\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Total</b>				<b>\$1,150.00</b>	<b>\$ 540.00</b>	<b>\$ 560.00</b>	<b>\$ 1,100.00</b>	<b>\$ 50.00</b>

# 2012 Department Budget Summary

CITY OF WADSWORTH										
2012 DEPARTMENT BUDGET										
									12/13/2011	
	<b>FUND</b>	General								
	<b>DEPARTMENT</b>	Public Service								
	<b>DIVISION</b>	Engineering Services - Engineering Office								
	<b>110-7300-54030</b>	<b>OFFICE SUPPLIES</b>								
PO#	Description	Quantity	Price	Budget Estimate	Current	Encumbered	Current + Encumbered	Remaining		
	Office Supplies	1	\$ 2,000.00	\$2,000.00	\$ -	\$ -	\$ -	\$ 2,000.00		
	CFS Supplies	1	\$ 600.00	\$600.00	\$ -	\$ -	\$ -	\$ 600.00		
	Copy Paper	1	\$ 650.00	\$650.00	\$ -	\$ -	\$ -	\$ 650.00		
2012000105	Staples Advantage - Misc Supplies				\$ 994.88	\$ -	\$ 994.88	\$ (994.88)		
2012000106	Staples Advantage - Misc Supplies				\$ 290.90	\$ -	\$ 290.90	\$ (290.90)		
2012002906	Staples Advantage - Misc Supplies				\$ 1,172.01	\$ 527.99	\$ 1,700.00	\$ (1,700.00)		
2012002905	RBA Inc. - Door Hangtags				\$ 275.00	\$ 125.00	\$ 400.00	\$ (400.00)		
	DIAZIT	1	\$ 350.00	\$350.00	\$ -	\$ -	\$ -	\$ 350.00		
2012002904	Hanging Strips				\$ 355.26	\$ -	\$ 355.26	\$ (355.26)		
	Annual Year Books	1	\$ 225.00	\$225.00	\$ -	\$ -	\$ -	\$ 225.00		
2012000107	Cartridges Plus				\$ 215.60	\$ -	\$ 215.60	\$ (215.60)		
	Banner Printing	1	\$ 150.00	\$150.00	\$ -	\$ -	\$ -	\$ 150.00		
			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	<b>Total</b>			<b>\$3,975.00</b>	<b>\$3,303.65</b>	<b>\$652.99</b>	<b>\$3,956.64</b>	<b>\$18.36</b>		

# 2012 Department Budget Summary

CITY OF WADSWORTH									
2012 DEPARTMENT BUDGET									
									12/14/2011
	<b>FUND</b>	General							
	<b>DEPARTMENT</b>	Public Service							
	<b>DIVISION</b>	Engineering Services - Engineering Office							
	<b>110-7300-54031</b>	<b>SURVEYING &amp; DRAFTING SUPPLIES</b>							
PO#	Description				Budget Estimate	Current	Encumbered	Current + Encumbered	Remaining
	<b>Survey &amp; Drafting Supplies</b>				\$ 800.00	\$ -	\$ -	\$ -	\$ 800.00
	<b>Plotter Ink Cartridges</b>				\$ 1,000.00	\$ -	\$ -	\$ -	\$ 1,000.00
	<b>Plotting Paper</b>				\$ 1,000.00	\$ -	\$ -	\$ -	\$ 1,000.00
2012000112		Holmesbrook Hardware - Misc. Supplies			\$ -	\$ 244.51	\$ -	\$ 244.51	\$ (244.51)
2012003715		Home Depot - Misc. Supplies			\$ -	\$ 149.55	\$ -	\$ 149.55	\$ (149.55)
2012002908		ARC (E-Blueprint)			\$ -	\$ -	\$ 349.96	\$ 349.96	\$ (349.96)
2012002908		ARC (E-Blueprint) - Fax & Email			\$ -	\$ 16.50	\$ -	\$ 16.50	\$ (16.50)
2012002908		ARC (E-Blueprint) - Fax & Email			\$ -	\$ 2.50	\$ -	\$ 2.50	\$ (2.50)
2012002908		ARC (E-Blueprint) - Plotting Supplies			\$ -	\$ 38.54	\$ -	\$ 38.54	\$ (38.54)
2012002908		ARC (E-Blueprint) - Email			\$ -	\$ 2.50	\$ -	\$ 2.50	\$ (2.50)
2012001443		ARC (E-Blueprint) - Film, Ink Cart, 20 & 24 LB Bond			\$ -	\$ 718.30	\$ -	\$ 718.30	\$ (718.30)
2012001443		ARC (E-Blueprint) - E-Bid Fax			\$ -	\$ 7.50	\$ -	\$ 7.50	\$ (7.50)
2012001443		ARC (E-Blueprint) - Fax & Email			\$ -	\$ 8.00	\$ -	\$ 8.00	\$ (8.00)
2012001443		ARC (E-Blueprint) - Fax & Email			\$ -	\$ 16.75	\$ -	\$ 16.75	\$ (16.75)
2012001443		ARC (E-Blueprint) - Fax & Email			\$ -	\$ 8.75	\$ -	\$ 8.75	\$ (8.75)
2012001443		ARC (E-Blueprint) - Shipping			\$ -	\$ 24.80	\$ -	\$ 24.80	\$ (24.80)
2012000114		ARC (E-Blueprint) - Plotting Supplies			\$ -	\$ 1,015.90	\$ -	\$ 1,015.90	\$ (1,015.90)
	<b>Marking Paint</b>				\$ 210.00	\$ -	\$ -	\$ -	\$ 210.00
2012000113		Evans Supply Co Paint			\$ -	\$ 175.20	\$ 24.80	\$ 200.00	\$ (200.00)
	<b>Double Matte Mylar</b>				\$ 600.00	\$ -	\$ -	\$ -	\$ 600.00
2012001443		ARC (E-Blueprint) - Double Matte Film			\$ -	\$ 800.00	\$ -	\$ 800.00	\$ (800.00)
					\$ -	\$ -	\$ -	\$ -	\$ -
					\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Carry Over Enc.</b>				\$ -	\$ -	\$ -	\$ -	\$ -
2011000812		Plotting Paper Mylar			\$ 20.81	\$ -	\$ 20.81	\$ 20.81	\$ -
					\$ -	\$ -	\$ -	\$ -	\$ -
					\$ -	\$ -	\$ -	\$ -	\$ -
				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Total</b>				<b>\$ 3,630.81</b>	<b>\$ 3,229.30</b>	<b>\$ 395.57</b>	<b>\$ 3,624.87</b>	<b>\$ 5.94</b>



# 2012 Department Budget Summary

CITY OF WADSWORTH									
2012 DEPARTMENT BUDGET									
FUND		General							
DEPARTMENT		Public Service							
DIVISION		Engineering Services - Engineering Office							
110-7300-54050		INCIDENTALS							
PO#	Description	Quantity	Total Price	Budget Estimate	Current	Encumbered	Current + Encumbered	Remaining	
	Unspecified			\$ 2,500.00	\$ -	\$ -	\$ -	\$ 2,500.00	
NO PO	Fedex Inc - Shipping to HNB, ISQFT, BLD EX			\$ -	\$ 29.63	\$ -	\$ 29.63	\$ (29.63)	
2012000104	Diazit Company Inc - Gas Springs for Cabinet			\$ -	\$ 337.01	\$ -	\$ 337.01	\$ (337.01)	
2012000111	Medina County Recorder - Recording Fees			\$ -	\$ 192.00	\$ 21.60	\$ 213.60	\$ (213.60)	
2012000115	Day Timers Inc - 2012 Yearbook Refills			\$ -	\$ 96.06	\$ -	\$ 96.06	\$ (96.06)	
2012000821	Cylix Inc - Blueprint Bags			\$ -	\$ 198.03	\$ -	\$ 198.03	\$ (198.03)	
2012001643	Fedex Inc - Shipping			\$ -	\$ 138.85	\$ 11.15	\$ 150.00	\$ (150.00)	
2012001587	Fedex Inc			\$ -	\$ -	\$ 100.00	\$ 100.00	\$ (100.00)	
2012002696	Interstate Battery - UPS Batteries			\$ -	\$ 27.22	\$ -	\$ 27.22	\$ (27.22)	
2012003450	Chip & Seal Manual			\$ -	\$ 30.00	\$ 20.00	\$ 50.00	\$ (50.00)	
2012002932	ODOT Spec Book			\$ -	\$ 11.00	\$ 109.00	\$ 120.00	\$ (120.00)	
2012003834	Robert Eshelman - Polycom VoIP Phones			\$ -	\$ 50.00	\$ -	\$ 50.00	\$ (50.00)	
2012003716	Ohio Supply and Tool			\$ -	\$ -	\$ 350.00	\$ 350.00	\$ (350.00)	
				\$ -	\$ -	\$ -	\$ -	\$ -	
Zach (Fastenal)	Blanket-3	Sept 15-Dec 15	1	\$ 500.00	\$ -	\$ -	\$ -	\$ -	
	Fed Ex Shipping		1	\$ 150.00	\$ -	\$ -	\$ -	\$ -	
	City Maps		1	\$ 300.00	\$ -	\$ -	\$ -	\$ -	
				\$ -	\$ -	\$ -	\$ -	\$ -	
	<b>Carry Over Enc.</b>			\$ -	\$ -	\$ -	\$ -	\$ -	
2011000813	FedEx Shipping Costs			\$ 105.71	\$ -	\$ 105.71	\$ 105.71	\$ -	
2011000814	Holmesbrook Hardware			\$ 241.85	\$ -	\$ 226.07	\$ 226.07	\$ 15.78	
	Supplies			\$ -	\$ 15.78	\$ -	\$ 15.78	\$ (15.78)	
				\$ -	\$ -	\$ -	\$ -	\$ -	
2010001431	Medina County Recorder, Akron/Hartman R/W Plat			\$ 166.40	\$ -	\$ 166.40	\$ 166.40	\$ -	
				\$ -	\$ -	\$ -	\$ -	\$ -	
	Budget Adjust 10/22/12			\$ (211.00)	\$ -	\$ -	\$ -	\$ (211.00)	
	<b>Total</b>			\$ 2,802.96	\$ 1,125.58	\$ 1,109.93	\$ 2,235.51	\$ 567.45	

# 2012 Department Budget Summary

CITY OF WADSWORTH									
2012 DEPARTMENT BUDGET									
FUND		General							
DEPARTMENT		Public Service							
DIVISION		Engineering Services - Engineering Office							
110-7300-54060		EQUIPMENT SUPPLY AND MATERIAL							
PO#	Description	Quantity	Price	Budget Estimate	Current	Encumbered	Current + Encumbered	Remaining	
	Canon Camera	2	\$ 130.00	\$ 260.00	\$ -	\$ -	\$ -	\$ 260.00	
2012002903	Staples Advantage - 2 Cameras + SD Cards			\$ -	\$ 257.99	\$ -	\$ 257.99	\$ (257.99)	
	Dell Drafting Station	2	\$ 2,673.00	\$ 5,346.00	\$ -	\$ -	\$ -	\$ 5,346.00	
2012000116	Base Drafting Station T5500			\$ -	\$ 1,111.20	\$ -	\$ 1,111.20	\$ (1,111.20)	
2012000116	Display, 24" Flat Panel			\$ -	\$ 189.00	\$ -	\$ 189.00	\$ (189.00)	
2012000116	Base Server Chassis			\$ -	\$ 2,600.00	\$ -	\$ 2,600.00	\$ (2,600.00)	
2012000116	Drafting Stations			\$ -	\$ 1,445.80	\$ -	\$ 1,445.80	\$ (1,445.80)	
	Used Filing Cabinets	3	\$ 100.00	\$ 300.00	\$ -	\$ -	\$ -	\$ 300.00	
	Lateral Filing Cabinets	1	\$ 280.00	\$ 280.00	\$ -	\$ -	\$ -	\$ 280.00	
2012002907	Office Max			\$ -	\$ -	\$ 300.00	\$ 300.00	\$ (300.00)	
	Jim Office Chair	1	\$ 300.00	\$ 300.00	\$ -	\$ -	\$ -	\$ 300.00	
	Traffic Counters	1	\$ 4,500.00	\$ 4,500.00	\$ -	\$ -	\$ -	\$ 4,500.00	
2012003679	Jamar Radar Traffic Counter			\$ -	\$ -	\$ 4,000.00	\$ 4,000.00	\$ (4,000.00)	
2012003680	Diamond Traffic			\$ -	\$ -	\$ 400.00	\$ 400.00	\$ (400.00)	
	Hanging File For Drawings	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Penetrometer	1	\$ 300.00	\$ 300.00	\$ -	\$ -	\$ -	\$ 300.00	
				\$ -	\$ -	\$ -	\$ -	\$ -	
				\$ -	\$ -	\$ -	\$ -	\$ -	
				\$ -	\$ -	\$ -	\$ -	\$ -	
				\$ -	\$ -	\$ -	\$ -	\$ -	
	<b>Total</b>			<b>\$ 11,286.00</b>	<b>\$ 5,603.99</b>	<b>\$ 4,700.00</b>	<b>\$ 10,303.99</b>	<b>\$ 982.01</b>	