



Commonwealth of Massachusetts



City of Quincy

# Department of Public Works



## Fiscal Year 2014 Annual Report

July 1, 2013 to June 30, 2014

THOMAS P. KOCH, MAYOR

DANIEL G. RAYMONDI, COMMISSIONER





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**CITY OF QUINCY  
DEPARTMENT OF PUBLIC WORKS**



**ANNUAL REPORT  
Fiscal Year 2014**

In 1888, as Quincy transitioned from a Town to a City form of governance, the Department of Public Works was established. At that time, sleds, horses, ploughs and stone crushers were utilized to perform the responsibilities of the newly organized Public Works Department. In 1900, the population of Quincy was 23,899. Today, more than 100,000 people live, work and play in Quincy. Over the past century, our work has become more diversified, automated, complex, computerized, technical and multi-faceted.

What has not changed, however, is the dedication of public works employees and their steadfast commitment to meet the needs of the public that they are honored to serve each and every day. The Department is pleased to provide you with its fiscal year 2014 Annual Report.

We want to keep you informed about the excellent work that we have performed and the quality of services that we have delivered to you over the past year. As you will see, we are proud of our accomplishments and we thank you for your support and for taking the time to review our Report.



A. E. Baxter, circa 1922

**MISSION STATEMENT**

Through the judicious use of personnel, materials, equipment, resources, and scheduling: to plan, construct, maintain and facilitate through inter-Divisional cooperation, past, present, and future municipal infrastructure, wetlands and open space, thereby providing the best possible environment for the citizens of Quincy.

The Department of Public Works, under the leadership of Commissioner of Public Works Daniel G. Raymondi, Superintendent of Public Works Lawrence Prendeville, City Engineer Shawn Hardy and 133 employees, performed its duties and responsibilities through the following five (5) Divisions and Operations, namely: Water/Sewer/Drain, Highway, Waste Management, Engineering and Traffic & Parking as it continued its transition into the Department of Public Works. Legal Counsel was added to the staff to address increasing legal and regulatory issues.

## MAIL SERVICES

Supervised two (2) part time Mail Clerks in the daily collection and processing of interdepartmental and United States Postal Services mail for all City Departments.

## WATER/SEWER/DRAIN DIVISION

- Responsible for water distribution, sewer services, and drain/storm water management for the commercial and residential communities of the City. The Division conducted operations 24 hours a day, 7 days a week with a workforce that consisted of Operations Manager Michael Coffey, Junior Civil Engineer Peter Hoyt, General Foreman Mark Vialpando, 2014 Safety Employee of the Year, Working Foreman Michael Caporale and 58 highly skilled, experienced, trained, certified and licensed personnel. Primary objectives of this Division were to ensure clean, safe, quality drinking water, provide sewer services that meet or exceed all regulatory requirements and manage drain/storm water.
- Partnered with the City's Information Technology Department to develop and implement a Workforce Management System. This system creates, logs and tracks all work order requests that come into the Division.
- Worked cooperatively with the Massachusetts Water Resource Authority (MWRA). Sixty (60) communities, including Quincy, purchased some or all of their water and sewer services from the MWRA. Quincy's water was drawn from the Quabbin Reservoir in western Massachusetts where it was tested, treated and sent through an extensive network of water mains to Quincy. Our network of water mains was then utilized to bring the water to individual homes and businesses throughout the City.



Workers replaced a gate valve at Fayette and West Squantum Streets

### **Enterprise Fund**

Water and Sewer Operations were funded through an Enterprise Account established pursuant to M.G.L. c. 44 § 53F1/2. All of the costs associated with Water and Sewer Operations were paid by water/sewer ratepayers. The City did not use tax revenues to subsidize the costs of providing water or sewer services. Conversely, water and sewer customers did not pay for items that were not related to providing water and sewer services. The intent was to have an efficient, cost effective water and sewer operation with clearly identified costs and revenues.

The Enterprise Account has operated at a surplus since its inception in 2009. In fiscal year 2014, Water Operations operated at a surplus of \$470,919 and Sewer Operations operated at a surplus of \$670,932. Surplus revenues are generally transferred to a stabilization fund. The stabilization fund can be used to pay for unexpected costs, major improvements or repairs to our water or sewer systems.

Our water and sewer rates were set at a level to cover all operational and capital expenses. The Water and Sewer Enterprise Fund paid the MWRA \$28,791,045 for water and sewer services. This payment represented 65% of the Water and Sewer budgets.

## **Billing Office**

Under the leadership of Billing Office Manager Rhonda Merrill and five (5) highly skilled, efficient and dedicated staff, the Water/Sewer Billing Office was responsible for auditing and issuing bills to water service customers and was available to answer customer concerns regarding billing and usage issues.



The Water Billing staff was available every day to handle and assist customer service requests and inquiries.

The Billing Office issued water and sewer bills in the amount of \$43,713,547 (\$18,044,616 for water and \$25,668,931 for sewer). Included in the Water/Sewer billings were charges in the amount of \$624,023 for backflow prevention tests, manual meter readings, unauthorized connections and final water readings.

The Billing Office also:

- Implemented a new remote metering system for our water customers. This initiative allowed the billing office to remotely monitor and gather consumption levels across the City that improved billing accuracy and reduced customer service issues.
- Placed over 3,500 calls to customers advising them that our remote metering system had identified a significant increase in their water usage. Spikes in water usage can be indicative of a leak in a customer's plumbing like a running toilet or appliance. These calls enabled our customers to address these problems before they became expensive.
- Partnered with the MWRA to distribute water conservation brochures to our water customers. These brochures provided helpful hints and suggestions for our customers to improve water efficiency and help control costs.

## **Water Distribution:**

A critical function of the water distribution team was to provide clean, safe, quality drinking water for the daily essential needs of our 23,500 metered residential and commercial customers, in conformity with stringent State and Federal distribution guidelines such as the Safe Drinking Water Act, originally passed by Congress in 1974. Water customers used 3.3 billion gallons of water and the Division paid \$10,147,276 to the MWRA for that water consumption.



Water/Sewer/Drain Engineer Peter Hoyt, second from left, and General Foreman Mark Vialpando, far right, accepted the Drinking Water Award from DEP Commissioner David Cash (l) and State Representative Bruce Ayers, second from right.

In addition to receiving the Commonwealth of Massachusetts Department of Environmental Protection (DEP) Drinking Water Program Public Water System Award for Outstanding Performance and Achievement for the second (2nd) consecutive year, the following were some of the successes of the Water/Sewer/Drain Division:

- Managed, maintained, repaired or replaced 230 miles of water main pipes, gate valves, service lines, pumping stations, and water storage tanks as required to bring clean water to customers.
- Responded to 5,361 work orders to repair water meters, conduct site inspections for leaks, test accuracy of water meters, perform final reads, and valve replacements.
- Managed over 3,000 calls for water main breaks, leaks, frozen pipes, low water pressure (82), water quality (111) and other water service related calls (600).
- Repaired 258 water main, service and meter leaks.
- Repaired 30 water main breaks.
- Responded to 82 water pressure calls.
- Uncovered and tested 302 gate valves.
- Replaced 3,400 feet of water mains on Ellis Street, Hamilton Avenue and Victoria Road at a cost of \$547,473.00.
- Repaired or replaced 130 fire hydrants.
- Painted 200 of the City's 2,549 fire hydrants.
- Assisted the Fire Department in its annual testing and inspection of fire hydrants.
- Completed a Citywide leak detection survey designed to identify underground leaks in our water distribution system. Using the latest leak detection technology, 230 miles of pipe were surveyed. Twenty eight (28) leaks, ranging in size from  $\frac{3}{4}$  inch service connections to 12 inch water mains, were found and repaired. It was estimated that this important initiative saved water ratepayers \$250,000 dollars per year.
- Performed 105 inspections and 27 flow tests.
- Tested 1,226 back flow prevention devices.

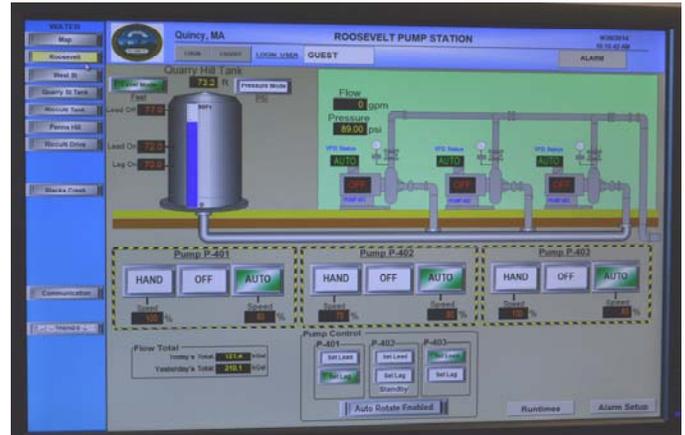


Water Division workers removed a portion of a Rock Maple tree root to reach a curb stop box on Franklin Street.



Workers prepared a main for excavation.

- Certified and licensed personnel conducted 926 cross connection surveys at 332 sites. These inspections and tests generated \$63,100 in revenue and ensured that our water main system remained protected from external contaminants.
- Collected 1,121 water samples from locations across the City. These samples were sent to the MWRA weekly for analysis to ensure that our water quality remained at the high levels we expect and our customers deserve. The Division achieved its goal of staying under the 15 parts per billion (ppb) action level for lead.
- Installed a Supervisory Control and Data Acquisition (SCADA) control system that allowed our operators to remotely monitor and control the level of water in our water tanks and the flow of water through our water pumps.
- Contracted with Derbes Construction for \$276,047 to repair 40 road trenches.
- Under the Mayor's comprehensive Energy Use Reduction Plan, Variable Frequency Drives at the Ricciuti Drive, Roosevelt Street and West Street pump stations were installed at no cost to the City. These high efficiency drives allowed us to monitor and control the pump stations remotely and will save the City nearly \$5,000 per-year in electrical energy costs. In addition, the City received \$34,140 in rebates as part of National Grid's Energy Efficiency Initiatives for this project.



Supervisory Control and Data Acquisition (SCADA) greatly enhanced the Water/Sewer/Drain Division's ability to manage our system with real time accuracy.

### Sewer Services:

- Submitted Quincy's 2014 Municipal Discharge Permit Application to the MWRA detailing our sewer system and highlighting efforts to reduce infiltration and inflow (I&I) removal. This document provided information on the City's sewer usage and recent sewer system alterations to assist the MWRA in the operation and maintenance of its interceptors.
- Over 5 billion gallons (13.9 mgd) of wastewater were sent to the MWRA and the Division paid \$18,643,769 for processing.
- Maintained 204 miles of sewer mains infrastructure including general maintenance on our pump stations at Fort Square, Quincy Point, Evelyn Place, Carlisle Street, Squantum Gardens and The Strand to ensure continuous, uninterrupted operation.



A Water/Sewer/Drain employee repairs a 4-inch water main.

- Responded to 1,085 sewer related calls, 20 odor issue calls and 42 pump station alarms.
- Cleaned 971 sewer mains and performed 118 sewer repairs.
- Cleared 423 sewer main line blockages.
- Upgraded sewer and storm drain pipes around the Hancock Street, Chestnut Street and Cottage Avenue triangle. Completed sewer replacement on Chestnut Street and a portion of Cottage Avenue. The Hancock Street sewer was inspected and determined to be in serviceable condition.
- Continued to operate the closed circuit television (CCTV) truck to proactively investigate the internal condition of sewer and drain piping. This vehicle responded to sewer backups and emergency situations and was routinely scheduled for I&I investigations.

- Completed engineering designs for upgrades and improvements to the second largest City-owned sewer pump station. The Fort Square pump station, located at 127 School Street, services a major portion of South Quincy. In conjunction with the Town Brook relief interceptor sewer, the pump station was designed to relieve the surcharging of the trunk sewer running parallel to the Town Brook. With a design capacity of over 3,500 gallons per minute,



The Fort Square Pump Station

the Fort Square pump station pumped directly to the MWRA high-level sewer to avoid wet weather and high flow overflows. Constructed in 1985, the aging pump station had a number of deficiencies and improvements will be necessary to sustain the reliability of the station. The City obtained a low interest loan from the State and the project was publicly bid. Low bidder Methuen Construction Company, Inc. was awarded a contract for \$2.5M. Construction was scheduled to be completed in fiscal year 2015.

- Initiated the evaluation of the Quincy Point pump station which is the largest City-owned sewer station in the City. This project is similar to the Fort Square pump station improvement project and a preliminary design was scheduled to be completed in fiscal year 2015. Construction was scheduled for fiscal year 2016.
- Evaluated need for repair or replacement of the sewer force main from Quincy Center to Quincy Point.
- Assisted planners, engineers, and contractors in their investigation of sewer and drain infrastructure for the proposed Adams Green area in Quincy Center and guided planning for future infrastructure.
- Implemented a new Sewer Ordinance that allowed us to charge users for prohibited sewer connections, sewer usage and discharges into our sewer system.

## **Infiltration and Inflow (I & I)**

All of the City's wastewater was collected and sent to the MWRA for processing and treatment. In addition, any rainwater, sea water and groundwater that entered our sewer system through leaky or cracked pipes was also sent to the MWRA. This additional wastewater is called I&I.

It was estimated that 1.46 billion gallons of I&I passed through our system costing rate payers \$8 million dollars per year in additional charges from the MWRA. We were charged for that volume by the MWRA even though it was not all wastewater. This dramatically illustrates the necessity of continuing to invest in our I&I reduction program. Removal of I&I from our system helps us stabilize our sewer costs.

In this fiscal cycle the Division:

- Invested \$550,000 dollars into the City's fourth I&I removal project. Of this \$550,000, only 55% will be paid back to the MWRA through a low interest loan. The remaining 45% was a grant from the MWRA that does not need to be paid back. This important initiative was started by Mayor Koch in 2009.
- Completed the engineering design of a sewer replacement for Rice Road. This repair became necessary because of settlement and suspected infiltration. The project replaced approximately 1,500 linear feet of sewer and service laterals. A final infiltration removal quantity will be estimated upon completion of construction. The project cost \$1,213,490. Construction was scheduled to be completed in fiscal year 2015.
- Completed an emergency open excavation repair of 70 linear feet of sewer on the 24 inch sewer that runs through Mallard Road onto Post Island Road. Also, completed the non-emergency portion of the work in this area. A final Cured In-Place Pipe (CIPP) liner was installed in the two remaining sections of sewer. It was estimated that this work has removed approximately 175,000 gpd of I&I from the sewer.
- Completed emergency sewer repairs to a portion of Dysart Street.
- Two catch basins were discovered illicitly connected to the City's sewer system. The Department and the private owner reached an agreement where the two (2) catch basins were removed from the sewer and properly reconnected to the local drainage system.



Sewer replacement project on Rice Road.

I & I removal projects planned in fiscal year 2014 and scheduled for construction in fiscal year 2015 include:

- CIPP lining along East Squantum Street to line the 15 and 24-inch clay sewer that runs through the salt marsh. This sewer has structural defects and infiltration was leaking into the pipe.
- Open-cut spot repairs throughout coastal areas of the City to replace defective pipe that was leaking infiltration into the pipe. This work will also involve CIPP lining in select areas and will address structural and capacity concerns.



Emergency sewer repair on Post island Road.

### **Drain/Storm Water Management**

Our storm water collection system consisted of 150 miles of underground drain pipes and 9,329 catch basins. This complex system required continuous maintenance and improvements. City drain crews responded to street flooding, broken catch basins, and clogged drain lines on a regular basis and:

- As part of Mayor Koch's commitment to improving the City's infrastructure, completed the second year of its proactive Comprehensive Storm Drain/Catch Basin Cleaning and Evaluation Program. Utilizing internal personnel and a private contractor, 1,145 tons of debris were removed from 1,700 catch basins across the City, dramatically improving the efficiency of our drainage system.
- Repaired 80 catch basins.
- Revised the protocol for the operation of the tide gates at Blacks Creek. Worked with consulting engineers to upgrade and provide operational controls for the gates and implemented a comprehensive plan to manage tidal flow in and out of the estuary to minimize potential flooding concerns.
- Inspected and maintained the City's 43 tide gates to prevent rising tides from entering the system and causing flooding. Tide gates were monitored during storm conditions to provide flood protection to residents. Four of the gates were large electro-mechanical gates that required regular inspection and maintenance.
- Maintained outfalls allowing storm water to efficiently drain into brooks, waterways, and marshes and eventually into the ocean.



Division craftsman repaired a water main.



Public Works before.



Public Works today.

- Cleaned debris and branches from Furnace Brook, Town Brook, and Blacks Creek.
- Deployed and monitored 50 portable pumps at various locations around the City to minimize flooding on streets and in neighborhoods during large storm events. Sandbags were filled and made available for residents when significant storm surges or severe storms were forecast.
- Responded to 336 calls for flood relief services. These calls concerned flooded streets (221), flooded basements, (84) and flooded yards, (31).
- Responded to 3,241 requests for Dig Safe mark outs. State Law required that any person performing excavations call Dig Safe to prevent damage to underground utilities.
- Partnered with the Norfolk County Mosquito Control District and the City of Quincy Health Department to implement an expanded mosquito control program in the City. Targeting a prime breeding ground for the potentially dangerous pests—standing water in our catch basins and storm drains—division employees deposited fast-acting and effective mosquito insecticide tablets into 9,189 catch basins. This timely action eradicated the potential for catch basins to act as mosquito breeding grounds.

### **Storm Drain Projects**

- Cleared approximately 20,300 feet of drainage channels along the Furnace Brook drainage area. These remedial activities removed and disposed of 340 cubic yards of sediment and debris.

- Completed targeted cleaning projects in the Furnace Avenue, Miller Street and Cross Street area of West Quincy.

- Assisted in flood mitigation projects of the Miller Street / Cross Street / Furnace Avenue neighborhood with the installation of back flow prevention devices in the closed conduit portion of Furnace Brook. New drainage pipes were also installed to divert flows from the neighborhood's existing system to reduce the magnitude, frequency, and duration of flooding. This phase of the Furnace Avenue Flood Improvement Project was completed for \$215,000 in May of 2014.

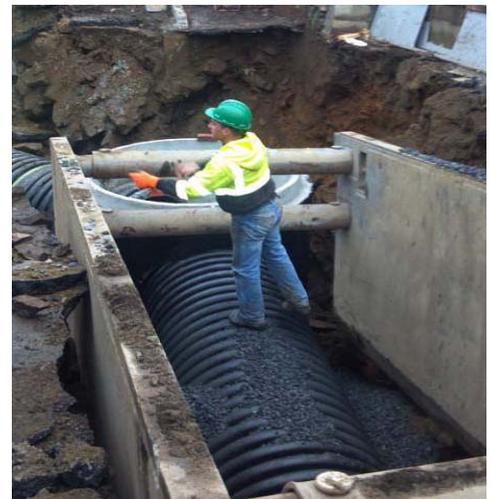


Spence Avenue Storm Water Drainage Project

- Planned for the replacement of storm drainage piping between the Atlantic Middle School on Hollis Avenue to the Massachusetts Bay Transportation Authority (MBTA) Parking lot on Hancock Street (North Quincy drainage area). Grove Construction installed \$1.5M of piping and structure replacement including three cross country sections.
- Completed the \$1,100,000 Spence Avenue Drainage project that provided flood relief to Circuit Road, Quincy Avenue, Charlesmount Road, Craig Avenue and Martensen Street. The project improved the condition of the storm water infrastructure and increased the hydraulic capacity of the system with the goal of reducing the magnitude, frequency, and duration of localized flooding. The project received a \$600,000 Federal Emergency Management Agency (FEMA) / Massachusetts Emergency Management Agency (MEMA) grant award after approval of the City's Hazard Mitigation Plan.
- Performed routine cleaning of the Town Brook By-Pass system on School Street behind Star Market. The by-pass system was a component of Town Brook flowing from the Braintree Dam to the Town River at Southern Artery. The By-Pass structure diverts peak (storm) flow into a Deep Rock Tunnel which flows under the City to Town River, thus minimizing flooding in the Downtown.

### Compliance Projects

- Submitted the NPDES MS4 2013-2014 Annual report to the Environmental Protection Agency and the Massachusetts Department of Environmental Protection, (DEP) in compliance with the EPA's 2003 General Permit for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems (MS4s). This annual report detailed the storm water management activities conducted by the City between April 1, 2013 and March 31, 2014.



Installation of storm water drainage infrastructure at Craig Avenue.

## HIGHWAY OPERATIONS

Operations Manager Joseph Newton, General Foreman Edward Leary and 47 highly skilled, experienced, trained, certified and licensed personnel of Highway Operations were responsible for the maintenance and repair of the City's 244 miles of paved roads, 3.4 miles of unpaved roads and 320 miles of sidewalks. Duties included road, sidewalk, pot hole and trench repairs, street sweeping, motor equipment repair, fuel dock management, graffiti removal, litter clean-up, rear yard management, snow and ice management and support to other City Departments.

### Roadway Repair

Repairs to Adams Street, Chester Street, Tinson Road, Union Street, Phipps Street, Saint Ann's Road, Old Colony Avenue and Belmont Street generally consisted of full depth reclamation or cold planing of roadway pavement and replacement with new bituminous concrete pavement. Additionally, sidewalks and driveway aprons were repaired, new curbing installed and/or reset, utility castings were adjusted and grass borders were replaced.



A Highway crew repaired a trench on Dimmock Street.

- Obtained approval for Winter Rapid Recovery Road funding in the amount of \$287,457.00 to crack-seal 60 public ways and to make trench repairs on Arlington Street. Cracked roads were a common problem across the City due to our aging infrastructure. Guided by the need to stretch our road maintenance dollars, we strived to find the most cost effective ways to accomplish our road repair mission. Crack sealing is a strategy that has many benefits including:
  1. Extension of pavement service life;
  2. Improvement of the Pavement Condition Index (PCI);
  3. Reduction of the pavement raveling at the crack; and
  4. Reduction in cracking distress which results in fewer potholes and cracks.

### Sidewalk/Pot Hole/Trench Repairs

- With assistance from the Engineering Division, repaired the most damaged (priority 1 rated) sidewalks reported to Highway Operations. Requests for repair were documented and inspected by a Division Engineer and given a numerical rating of a "1, 2 or 3". A "1" rating was assigned to those sidewalks where a public safety issue was present and that location was given a top priority for repair. A "2" rating was assigned to sidewalks that needed repair but the



A sidewalk crew removed and replaced existing sidewalks in Wollaston.

condition did not rise to the level of an immediate public safety concern. A “3” rating was assigned to a sidewalk that was not aesthetically pleasing but was not an immediate public safety concern.

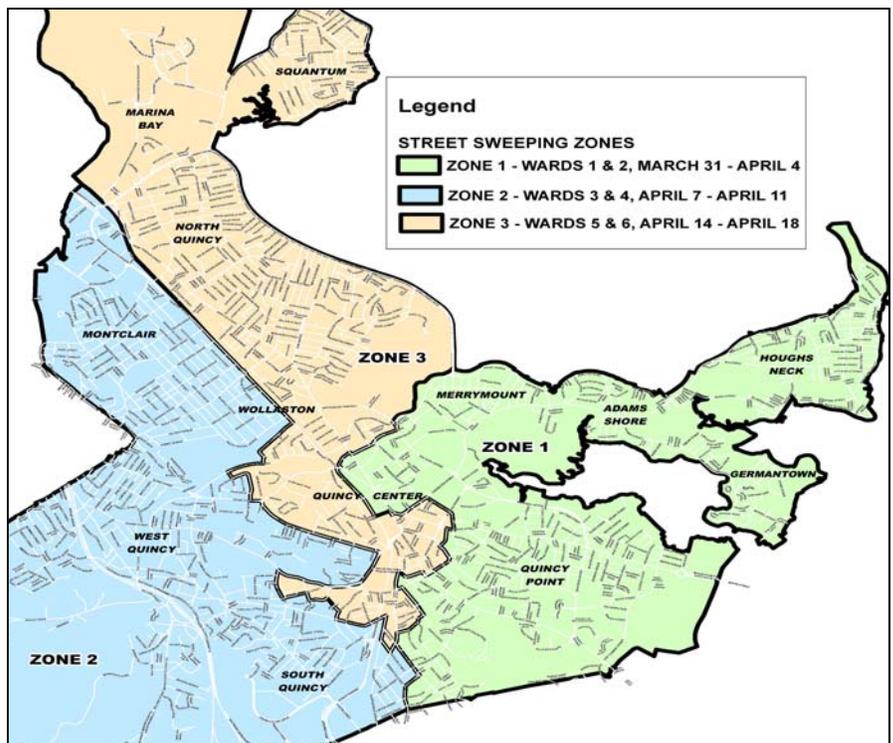
- The sidewalk repair list was posted on the Department’s website and impacted residents were informed of the process by mail. Sidewalk repairs proceeded from Ward Two sequentially through to Ward One. Six hundred and forty (640) sidewalks (including all of the top rated priority sidewalks), were repaired. Repairs were accomplished through the combined efforts of Highway employees and two repair contracts with Tasco Construction totaling \$497,972.92.
- Completed pot hole and trench repairs at locations across the City. More than 1,600 calls for service were received and dispatched to pot hole repair crews. In addition, 40 trenches were repaired by Derbes Construction at a cost of \$276,047. Citizens were urged to call 617-376-1914 to report potholes and road defects.

### Street Sweeping

With the purchase of a new street sweeper, Highway Operations initiated a three (3) week spring street sweeping blitz that divided the City into three (3) zones. This efficient new program reduced street sweeping operations by five (5) weeks and allowed crews to get a head start on the construction season and dedicate more time to pothole and sidewalk repairs.

In addition, the Division continued its daily sweeping of main thoroughfares, business districts and trash routes. Fifteen tons of waste materials were removed from streets and disposed. This prevented that material from migrating into the drainage system. Street sweeping schedules were printed in the Quincy Sun and Patriot Ledger Newspapers, City of Quincy Website, Cable Access Television and the bi-annual Department InfoLetter. “Street Sweeping in Area Today,” electronic information boards were also placed in the affected neighborhoods.

An important component to our new street sweeping strategy was the elimination of sand from our roadways during the winter. Sand entering our catch basins was costly and diminished the effective operation of our drainage systems. In addition, our “salt-only” strategy saved sweeping, collection and disposal costs.



## Motor Equipment Repair

Motor Equipment Repair Foreman Lawrence Levasseur and six Motor Equipment Repair personnel were responsible for fleet repair and maintenance. They kept our fleet of 140 vehicles and equipment safe and operational year-round. Duties also included auto body work, painting and preventive maintenance.

## Fuel Dock Management

The Fuel Dock operated 24 hours a day, 7 days a week. New, state-of-the-art software called Fuel Master was installed to more accurately track consumption. In addition to the City of Quincy, the fuel dock was also accessible to the Quincy Housing Authority and the Quincy Public Schools. The Fuel Dock dispensed 229,036.63 gallons of unleaded gasoline and 97,690.67 gallons of diesel fuel at a total value of \$1,109,621.38. The Department billed the Quincy Public Schools and the Housing Authority \$257,806.05 for their usage.



Motor Equipment Repair mechanics serviced the fleets of the DPW, Inspectional Services and the Department of Public Buildings.

## Graffiti Removal

Removed graffiti year round from public areas. In addition, commercial properties had graffiti removed by the City by signing a waiver. Graffiti was removed using a high-pressure washer and baking soda mix. In places where the graffiti could not be removed because of the size of the affected area, the graffiti was painted over.

## Litter Clean-up

- Crews picked up litter and debris from the public rights of ways and collected trash from public trash receptacles.
- Weeded and maintained public islands, sidewalks and grass borders. Weeded and replaced stones underneath tree grates within the business districts and Hancock Street.
- Supplied manpower and equipment to clean up designated areas for the City sponsored “Cleaner Greener Day.”
- Cleaned the City after events such as parades, road races and the August Moon Festival.
- Assisted other Departments.



Sweeping operations along Newport Avenue

## Rear Yard

Under the leadership of General Foreman Joseph Koch, the management of the rear yard was significantly improved. Perimeter roads and buffer zones were established and pads were graded and expanded to enhance operations. Accrued yardwaste was composted and recycled. Demolition debris such as asphalt, concrete, brick, catch basin material and street sweepings were separated for reuse and/or disposal. The total reorganization resulted in a more efficient compliant operation.



Yardwaste was screened for use on highways and construction.

- The 22.19 acres at 55 Sea Street acted as the staging area for all of our operations as well as for the storage of equipment, materials and all the City's collected yardwaste.
- The rear yard was open to Quincy residents for drop-off of yard waste, recycling and electronic materials Monday through Friday from 7:30 a.m. to 3 p.m.. The rear yard was also open to residents on Saturdays from April 12th to December 13th.
- Continued to apply the Operations and Maintenance Plan into our everyday activities. Each employee was provided with the necessary training to ensure that all operations were carried out in an environmentally responsible manner through assigned roles and responsibilities.

## Snow and Ice Management

There were 17 official storm events that dropped a total of 59.4" of snow in our City that necessitated a snow removal response. In addition, we experienced several other winter events that did not involve snow accumulation but required the use of brine and salt only. According to *Summit*, our official weather forecaster, this was one of the coldest winters in 20 years. Highway employees and equipment, City employees from other Departments and private contractors:

- Provided safe routes of travel at all times.
- Prepared for each storm by:
  1. Contracting with private companies to ensure that equipment would be available to the Department during snow events,
  2. Calibrating equipment,
  3. Training drivers,
  4. Designating plow routes,
  5. Preparing materials ready for pre-treating and treating of roads,



A bombardier cleared the sidewalk on Franklin Street after the January snow.

## 6. Organizing Police, tow operators and supervisors.

- Removed snow and ice from roadways. Kept the main roads open and essential traffic moving safely.
- Cleared municipal and school parking lots, City Hall, Quincy Police Station and walking routes for students.
- Worked successive days and nights as necessary to keep roads and heavily traveled sidewalks free from snow and ice.
- C. Naughton, Corp. and Feeney Brothers Excavation were the two large snow removal contractors that bolstered our snow fighting equipment with an additional 130 pieces of equipment.
- Continued our “salt only” strategy. Salt melts snow and ice. Salt brining and pre-treating of roads prevented the bond of frozen precipitation to the road surface. These anti-icing strategies dramatically cut the cost of maintaining safe roads.
- The use of sand as a snow fighting tool was ineffective in snow/ice removal efforts. Therefore, it was not applied to our roads. Sand does, however, block drains and involves expensive street sweeping and catch basin cleaning operations and significant disposal costs. Our salt-only strategy avoided unnecessary strain on our storm drains, made it easier, faster, and more effective to sweep our streets in the spring, resulted in safer travel for motorcyclists and bicyclists and was environmentally friendly.
- Constructed a new 100' x 100' salt shed which increased our salt storage capacity. Salt was bought and loaded in bulk, thereby, enhancing our ability to fight back-to-back storms. The larger shed also improved mobility of the loaders by allowing the loaders to work simultaneously.



A brine truck was used to pre-treat asphalt roadways.



Loaders prepared to fill trucks with salt from the newly constructed salt shed featuring a capacity of 4,000 tons.

Winter Parking Rules were as follows

1. To find out about Snow Emergencies residents were instructed to;
  - a) Call 617-770-7669 for a recording.
  - b) Tune into cable television channels 8 or 11.
  - c) Go to the City's web page at [www.quincyma.gov](http://www.quincyma.gov).
2. To receive alerts directly to a personal e-mail or cell phone, residents were advised to sign up at [www.quincyma.gov/CityLink/](http://www.quincyma.gov/CityLink/)
3. Once a Snow Emergency was declared, a resident could get further help by calling the Snow Hotline at 617-376-1927.
4. No parking was allowed on either side of Emergency Arteries during a Snow Emergency.
5. Residents on non-emergency side streets were allowed to park on the odd side of the street.
6. Throughout the year, overnight parking on the street was prohibited without a residential parking permit which was available at the Quincy Police Department (617) 479-1212. Residential parking permits were void during Snow Emergencies.
7. Violators of Quincy parking rules and vehicles that hampered snow removal operations were towed at owner's expense.

## WASTE MANAGEMENT OPERATIONS

### Solid Waste Disposal

Supervised by Project Manager John Sullivan, Covanta Semass provided for the proper disposal of Municipal Solid Waste (MSW) from 32,000 households including all municipal facilities, schools and public housing. Solid waste was collected daily, weighed at the Covanta Semass



The Braintree Transfer Station was located less than a half mile from

Transfer Station in Braintree and transported to a Waste to-Energy (WTE) facility in Rochester, MA. There it was burned as fuel for turbines to produce electricity. The electricity was then sold to the electric grid. This WTE system is considered to be a Zero-Waste classification by industry officials.

This was the first year of a new, ten-year contract with Covanta Semass for MSW disposal. Under the new contract, the price per-ton for disposal of MSW was negotiated down from \$96.15 per ton to \$68.00 per-ton.

Total disposal tonnage decreased from the previous year by 1,329 tons. This reduction in tonnage, together with the reduced disposal fee, produced a total savings of \$920,091 in fiscal year 2014. Over the 10 year contract the savings were projected to be \$10 million.

## Recyclable Materials Processing

Since initiating the highly efficient Single Stream method of recycling in fiscal year 2009, the City has reaped the benefits of a continued upward spiral in recycling tonnage. This year Quincy recycled over 5,000 tons of curbside waste which was an increase of 219 tons over the prior year. This recycling tonnage saved taxpayers \$345,000 in disposal fees.

In this 25th year of comprehensive recycling, the City renewed its contract with Recycle America of Avon, MA. Under the 10 year contract, the City could earn revenue but never pay for the processing of recycling materials. This contract ends at the same time the new waste collection and waste disposal contracts end, thereby, providing the Department with better options for leverage and bundling.

To promote Single Stream Recycling, the Department offered residents a \$10 coupon towards the purchase of a 48-gallon recycling container (The Perfect Recycling Barrel), at Curry or Danny's Hardware stores. In addition, free Single Stream and yardwaste stickers were available by mail, at City Hall, Curry's and Danny's Hardware stores and at the DPW.

## Curbside Collection

Began a new 10-year contract with Sunrise Scavenger of Hyde Park, MA. The City continued to provide weekly curbside collection of household trash, recycling, appliances and yard waste to over 32,000 households consisting of single family units, condominiums, and multi-families (up to eight units.) Also included in the curbside collection process were schools, municipal buildings, public housing and public litter barrels.

At a cost of \$3.55 million, the contract will save the City several million dollars. The following are additional benefits of the new contract.

- Cost for each of the first two years is fixed at 2012 rates.
- Fixed annual increases in the contract are not tied to inflation.
- No fuel surcharge.
- Six additional weeks of yard waste curbside collection for a total of 24 weeks at no additional cost (\$50,000 value).
- Disposal of all televisions collected curbside at no cost to City (\$20,000 value).



Recyclable materials are separated, bundled and resold as raw materials ultimately saving municipal disposal costs and the environment.



The City changed all municipal waste collection trucks to rear-load allowing for more efficient, cost saving collection.

- First 150 roll-off dumpsters hauled at no charge (\$30,000 value).
- Serviced by five new eco-friendly hybrid trucks.
- A new recycling robot was procured as part of the contract for outreach and education. A “Name That Robot” contest involving Quincy third graders resulted in the children choosing Mr. R.E. Cycle as the robot’s new name.



Curbside yardwaste collection was expanded to 24 weeks.

## **Yardwaste**

Curbside yard waste collection service was expanded by 6 weeks from late March through early December at no additional cost. Thirty two thousand (32,000) households and various Quincy Municipal Departments generated approximately 10,000 cubic yards of yard waste. The City also collected over 3,000 Christmas trees curbside in January.

## **Appliances**

The new contract with Sunrise Scavenger featured no additional charge to residents for curbside/condo collection and disposal of washers, dryers, refrigerators, water heaters, stoves, computer monitors, televisions and air conditioners.

## **Condominiums**

The City collected waste and recycling from 6,000 condominium units across the City. Unlike the previous contract, which sent special trucks to collect waste at condominiums, the new contract called for condominium complexes to utilize only rear-load dumpsters allowing the contractor to collect condo waste and recycling during ordinary curbside collection. This strategy allowed the contractor to pass on substantial savings to the City for a value of nearly \$100,000 annually. The City of Quincy was one of only a handful of municipalities that collect and dispose of trash for condominium owners at no additional cost to unit owners.



The City of Quincy collects trash at over 6,000 condominium units .

## **30-Yard Roll-offs**

30-yard roll-offs were placed at the Department’s rear yard, the Park Department maintenance yard and around the City as needed. The containers were used to deposit waste collected from street sweeping, litter control, and waste collection in the parks and cemeteries. Disposal costs were included in the City’s annual MSW tonnage.

The new contract allowed for the first one hundred fifty, 30-yard dumpsters to be serviced at no charge. Accordingly, there was no cost for the use of 30-yard roll-offs this fiscal year. In the previous year, 30-yard roll-offs were a separate line item costing over \$25,000.

## Public Litter Barrels

Maintained 120 public waste receptacles in 30 high-pedestrian traffic locations, schools, businesses, tourist and recreation areas. Ten receptacles were hi-tech Big Belly Solar Compactors purchased through a generous donation from Stop&Shop. These units utilize solar power to compact litter in a 5:1 ratio and transmit daily “Fullness Alert” e-mails to management and collector/contractors when full. Collected as part of the daily curbside schedule, tonnage from the City’s litter barrels was included in the gross MSW tonnage.

## Household Hazardous Waste

To facilitate the safe and lawful disposal of household hazardous material, the Waste Management Operation contracted with Clean Harbors of Braintree, MA for two household hazardous material collection events at no additional cost to residents. On October 4, 2013 and May 13, 2014, 412 residents brought household hazardous waste to 55 Sea Street. Twenty two thousand, three hundred sixteen dollars (\$22,316) was paid to Clean Harbors for this service.



Household hazardous material was collected bi-annually at the DPW yard.

## Rear Yard

Residents were urged to dispose of recycling material including books and textiles, yard waste, and scrap metal year-round at the facility in the rear yard of 55 Sea Street. Hours of operation were Monday through Friday 7:30 a. m. to 3:00 p. m. and Saturdays, April 13 through December 14, from 7:30 a. m. to 2:30 p. m.

## Quincy Public Schools

Partnered with the Quincy Public School’s Recycling Committee to ensure the efficient collection of waste and recycling and to plan educational strategies for the year. As part of this strategy, the Operations Manager visited every 3rd grade class with the newly acquired recycling robot to educate students about the importance of recycling from both an economic and environmental stand point.

## Textile Recycling

Textile recycling bins were available in every public school yard. Supplied by Bay State Textile of Hanover, MA, these textile collection bins diverted more than 90 tons of waste from the municipal waste stream and provided over \$9,000 to Quincy Parent Teacher Organizations.



Textile recycling bins in every Quincy Public School yard earned money for their Parent Teacher Organization.

## Television Collection and Disposal

Under the new collection contract, no additional fees were charged to the City for the curbside collection and disposal of TVs and monitors. This savings had a value of approximately \$20,000 when compared to the prior contract which charged an additional fee of \$5 for each disposal.

## ENGINEERING DIVISION

The Engineering Division led by City Engineer Shawn Hardy, P.E. and his staff of seven highly skilled, experienced, trained, certified and licensed personnel:

- Provided oversight for the improvement, maintenance and delivery of essential City services including roadways, sidewalks, and water, sewer and drain systems.
- Oversaw all Public Works infrastructure projects and coordinated those projects with the Building Department, Zoning Board of Appeals, Planning Department, Conservation Commission and other municipal departments and governmental agencies.
- Attended bi-weekly construction meetings sponsored by Massachusetts Department of Transportation to discuss the progress of the Fore River Bridge Replacement project. Acted as liaison with DOT to resolve resident complaints.



Atlantic Middle School drainage project included the installation of a subsurface retention system.

- Responded to numerous requests for services from individuals and agencies to provide assistance with property line determinations, flood complaints, accident cases and other matters.
- Maintained a public service counter to answer questions, address complaints and provide technical support services.
- Provided project review to City Departments including the City Council, Building Department, Zoning Board of Appeals, Planning Department and Conservation Commission.
- Designed and prepared roadway construction contracts, coordinated with various consulting engineers and performed numerous other support activities.
- Provided technical support to all City Departments and residents including:



The Engineering Division provided design review for new water and sewer services on Quincy Ave.

1. Investigation and preparation of 12 accident claim reports and testifying at various court hearings for the Law Department.

2. Preparation of 20 building grade reports for proposed new construction, examination of drainage and site plans for numerous Building Permit applications and examination of many Demolition Permits, Building Permits and Occupancy Permits for the Inspectional Services Department.
3. Reviewing and commenting on more than 100 Zoning Board of Appeals applications, 18 Planning Board applications and 20 Conservation Commission applications.
4. Assisting the Quincy Police Department with confirmation of approximately 10 field distance reports for court cases and in-court testimony.
5. Responding to requests regarding roadway, sidewalk and drainage concerns and attending community meetings to update residents on the status of various projects.
6. Maintenance and updating of the City Assessors' plans and records for all property transfers, subdivisions, building additions, new construction and demolition within the City.
7. Reviewing and processing of 473 street opening and curb-cut permit applications which generated over \$47,300 in revenue to the City. In addition, each location was inspected post-construction to ensure that proper construction standards were met.
8. Providing land surveying services to various Departments to determine property line and jurisdiction for various requests including tree removal, fence damage and other repairs and other support and technical expertise relating to drainage, grading and construction standards.
9. Preparation of contract plans and documents for roadway and sidewalk repairs, water main, sewer and drainage improvements within the City and supplying oversight and inspection of all sidewalk, roadway, sewer, drainage and water main construction.
10. Assisting more than 2,000 residents regarding revised FEMA Flood Maps effective June 9, 2014. Assistance included flood zone determinations, providing maps and answering resident questions. Coordinated the preparation of over 1,600 Elevation Certificates for residents and assisted with filing Letters Of Map Amendments (LOMA) requests to FEMA.



Division Engineers provided support to residents with the new FEMA flood maps.

## Geographic Information System (GIS)

Continued to update GIS layers by adding and modifying Water Distribution, Drainage, Sanitary Sewer Systems, Zoning, Flood Plain, and Ward/Precincts on the GIS mapping that was available to the public on the City's website. The GIS proved to be a very useful tool in conjunction with Pavement Management, Street Sweeping and Snow Plowing Operations. It also served as an analysis tool to the FEMA Flood Map updates, Sex Offender Ordinance, Wind Turbine Ordinance as well as Chapter 40B Compliance. The GIS program was also updated to reflect new construction and development.

## Public Works Construction Projects

- 2013 Rice Road Sewer Improvements

Construction began Spring 2014.  
Completion expected September 2014.

Contractor: S.B. Construction Inc.

Contract Amount: \$1,213,490

- Trench Repair Fiscal 2014

Approximately 40 trenches in various locations were repaired.

Contractor: Derbes Construction, LLC

Contract Amount: \$276,047

- Road Improvements 2013

Streets and sidewalks were repaired on Chester Street, Tinson Road, Union Street, Phipps Street, St. Ann's Road, Old Colony Road and Belmont Street.

Contractor: Lorusso Corp.

Contract Amount: \$1,549,401.72

- Adams Street Road Improvements

Streets and sidewalks were repaired on Adams Street from Common Street to Milton Town Line.

Contractor: Derbes Construction, LLC

Contract Amount: \$1,557,617.64

- Sidewalk Repairs 2013.

Replacement of 244 asphalt and concrete sidewalks (various locations).

Contractor: Tasco Construction

Contract Amount: \$250,700



A Division Engineer oversaw trench repair on Rice Rd.



New signals and a realigned intersection significantly improved traffic flow and pedestrian safety at Adams and Beale Streets

- Sidewalk Repairs 2013 (2)

Replacement of 350 asphalt and concrete sidewalks citywide.

Contractor: Tasco Construction

Contract Amount: \$247,272.92

- 2013 Water Main Improvements

Replaced 3,400 feet of water main on Ellis Street, Hamilton Street and Victoria Avenue.

Contractor: C. Naughton Corp.

Contract Amount: \$547,473

- Edgewater Drive Seawall Repair

Repair and replacement of approximately 3,000 linear feet of seawall along Edgewater Drive in Hough's Neck.

Contractor: MAS Building and Bridge, Inc.

Contract Amount: \$2,405,305.50

- Seawall and Stairway Rehabilitation

Replacement of 500 linear feet of seawall along Dorchester Street in Squantum in addition to the rehabilitation of 26 beach stairs at various locations.

Contractor: T. Ford Company, Inc.

Contract Amount: \$696,895



Trench repair and landscape restoration to the Furnace Avenue Flood Improvement Project.



Pedestrians cross safely on freshly painted crosswalk on Centre Street.

## **Community Rating System (CRS)**

The Division maintained flood plain management activities as required by Federal Emergency Management (FEMA). These activities qualify Quincy residents for a 10 percent reduction on flood insurance premiums from the National Flood Insurance Program (NFIP). Currently Quincy is one of the highest rated local communities.

## **TRAFFIC AND PARKING DIVISION**

Traffic Engineer John "Jack" Gillon P.E. retired in September after more than 42 years of public service, 15 years as the Traffic Engineer for the City of Quincy. While he was Traffic Engineer, Jack installed the first closed loop synchronized traffic system in Massachusetts to help move the increasing flow of traffic. Operations Manager Fred Sousa, General Foreman Steven Kubit, Sr. Traffic Engineering Aide Fran Doherty and 15 highly skilled, experienced, trained, certified, and licensed personnel of the Traffic and Parking Division were responsible for the City of

Quincy's transportation network, City owned street lights and for the design, installation, and operation of all public parking facilities.

### The Division:

- Was on-call 24 hours a day, 7 days a week assisting the Police and Fire Departments in emergency situations.
- Responded to signal malfunctions and blocked roadways
- Repaired damaged City equipment
- Provided traffic and parking assistance to the following:

Local, state and national elections

Houghs Neck July 4 Celebration

Asian Festival, NQHS

August Moon Festival

Flag Day Parade

Christmas Parade



Over 400 street signs and stop signs were replaced.

### Traffic Operations:

- Provided recommendations for traffic initiatives and traffic and parking related ordinances.
- Reviewed all major development proposals to ensure that any traffic impacts were mitigated before additional traffic volumes were added to the City's existing roadwork network.
- Evaluated pedestrian, bicycle and MBTA bus operations.
- Assisted in plan to purchase 6,000 streetlights from National Grid.
- Provided essential support services such as design of street lighting and lighting of public areas including ball fields and parking facilities.
- Evaluated new equipment such as light emitting diode (LED), technology and solar panels that reduced energy and maintenance costs to the City.

### Parking Operations:

- Planned the upgrade of the Parking Control systems to include new software as well as new exit gates at the Ross & Hancock Parking Facilities.
- Managed the Ross and Hancock Parking areas. The Hancock Lot had 493 parking spaces and the



LED street lights save electricity, reduce carbon, last longer and require less maintenance than conventional metal halide lamps.

Ross Garage had 728 parking spaces generating \$742,285.68 in combined revenues.

- The Division issued 14,086 parking citations generating \$407,719 in revenue.
- The Operations Manager attended parking ticket appeals at City Hall every Thursday between the hours of 9 am and 11 am.

### **Pavement Marking Operations:**

- Painted the City's main roadway pavement markings including edge lines, skip lines, lane lines and center lines totaling 162 miles of four inch lines.
- Painted the City's 536 crosswalks having a total footage of 150,524 feet.
- Partnered with Quincy Public Schools to stripe the following parking lots.

Montclair Elementary School

Sterling Middle School

Parker Elementary School

Della Chiesa Early Childhood Center

Wollaston Elementary School

### **Signage Operations:**

- Maintained City signage in accordance with the United States Department of Transportation Federal Highway Administration's Manual on Uniform Traffic Control Devices.
- Planned and implemented the replacement of 3,500 street signs that must have six-inch high prismatic lettering instead of four inch lettering.
- Installed 201 of these new street signs.
- Replaced 114 Stop Signs with the new, standard 30 inch high prismatic Stop Sign.
- Lettered Police, Fire and Department vehicles.

### **Maintenance Operations:**

- Completed 552 Work Orders. Four Informational Signs were installed, 341 Regulatory Signs were installed or replaced, 76 Warning Signs were installed and 172 poles were installed.
- Repaired, maintained and/or replaced 500 historical streetlights.
- Maintained full traffic control signals at 77 intersections.
- Maintained pedestrian crossing signals at 11 intersections.
- Maintained "20 MPH" School Zone flashers at 10 locations



Newly designed intersection at Hancock and West Squantum Street.

## COMMUNITY OUTREACH

The Department continued its commitment to communication and education through the timely and efficient use of:

- The City web site and the Department's web page.
- Forty thousand (40,000) InfoLetters delivered twice yearly to every household in Quincy including condominiums, community centers, libraries, City Departments, coffee shops and businesses.
- Four seasonal appearances on Quincy Access Television entitled *Update DPW*.
- Elementary school assembly appearances with Mr. R.E. Cycle robot.
- Informational Water Bill inserts.
- Participation in municipal, community and neighborhood special events
- QATV public service announcements, crawls and bulletin boards on channels 8 and 11.
- Articles and advertisements in the Quincy Sun and Patriot Ledger newspapers.



Mr. R.E. Cycle greeted fans at the Flag Day parade.

Disseminating information regarding:

- Snow emergencies
- Road and sidewalk construction projects
- Street closings
- Water conservation
- Special events and holidays
- Trash collection delays
- Waste and recycling education
- Coupons for the purchase of larger, more efficient recycling totes
- Street sweeping and yardwaste collection schedules
- Employee spotlight
- Special events and projects



\$10 Coupons were available towards the purchase of the Perfect Recycling Barrel which must have a steel horizontal bar.

- Provided outreach, support and assistance to many groups and organizations including:

Mayor's Bicycle Commission	Massachusetts Department of Transportation	Department of Energy Resources
MA Department of Environmental Protection	Germantown Neighborhood Center	Park, Cemetery and Forestry
Quincy Access Television	Quincy Public Schools	Constituent Services
Mayor's Office	Veterans Organizations	Boys Scouts
Chamber of Commerce	Friends of Sailors Pond	Quincy Asian Resources
Quincy Council on Aging	Police Department	Thomas Crane Library
Civic Organizations	Quincy City Council	Recreation Department
Fore River Bridge Project	Green Communities	Cub Scouts
Community Garden Clubs	Health Department	Quincy Housing Authority
Safe Routes to School	Quincy Historical Society	Conservation Commission
Public Buildings	Friends of Butler Pond	Inspectional Services
Planning Department	Fire Department	DCR

### National Public Works Week

For the third year in a row the Department celebrated National Public Works Week. It is important as a community that we recognize the substantial contributions which the employees of the Department of Public Works make each and every day to the quality of life for the people of Quincy. Public Works infrastructure, facilities and services are of vital importance to the health and well-being of the citizens of Quincy. These services could not be



Quincy public School 5th graders created banners depicting their understanding of what the Department of Public Works means to them.

provided without the dedicated efforts of our employees. It is in the public interest for all of our citizens and our Quincy Public School students to learn of the Public Works needs and programs of our City.

We are grateful for the positive relationship that has been developed between the Department and the Quincy Public Schools. Making banners, writing essays, parents, school officials and civic groups applying for Public Space Improvement Grants and the resulting improvements to public areas, are an integral part of National Public Works Week. The festivities began on May 17th with the Department sponsoring a very successful Household Hazardous Waste Drop-off Day which was attended by 246 people.

During National Public Works Week winners were announced and awards distributed for the 4th Grade Essay Contest, 5th Grade Banner Contest and the Public Space Beautification Grants. In the Open Space Beautification contest dozens of contestants were awarded thousands of dollars to beautify public areas all across the City. Three Grand Prize winners were awarded an additional prize to assist in maintaining the winning areas.

### **Bicycle/Pedestrian Safety Rodeo**

Partnering with the Massachusetts Department of Transportation, the second annual Bicycle and Pedestrian Safety Rodeo was a part of the National Public Works Week Celebration on May 24th. This family fun event demonstrated the Department's commitment to bicycle and pedestrian safety and education. Hundreds of children and parents came to 55 Sea Street to learn about bicycle and pedestrian safety, get a free bicycle tune-up and participate in a variety of exercises including safety courses for all age levels.



Sponsors provided seven new bicycles as prizes at the 2nd annual Bicycle/Pedestrian Safety Event.

The event also featured BMX stunt riders, Community Police Officers, a K-9 demonstration, promotional tables for businesses and community groups, including Safe Routes to Schools, free give-a-ways, raffles and prizes. The main attraction featured seven new BMX bikes raffled free through the generosity of House of Representatives Majority Leader Ronald Mariano and High Sheriff of Norfolk County Michael Bellotti. Hot dogs, chips, soda, ice cream and Ginger Betty bicycle cookies were enjoyed by all.

### **Open House**

On May 21st, the Department partnered with the Quincy Public Schools to host its popular Open House. Several hundred third grade students and members of the community enjoyed dozens of interactive displays presented by our employees and business partners. At noon, the Department hosted an award and recognition dinner attended by community leaders, the public and municipal employees. Winners of the various National Public Works Week

contests were announced and awards were presented.

The Fourth Grade Essay Contest winners were; First Place, Marissa Maher of Atherton Hough Elementary School; Second Place, Nancy Chen of the Francis W. Parker Elementary School; and Third Place, Jaon Chen of the Francis W. Parker Elementary School.



One thousand third graders, teachers and the public attended the Open House.

The Fifth Grade Bay State Textile Banner Contest winners were; First Place, Francis W. Parker Elementary School; Second Place, the Reay E. Sterling Middle School; and Third Place, the Point Webster Elementary School.

Public Area Improvement awards were presented to: First Place, Friends of the Thomas Crane Public Library for their work on Washington Street; Second Place went to the Friends of the Souther Tide Mill for their work on Southern Artery; and Third Place went to The Squantum Elementary School for their work on Huckins Avenue.



DPW Commissioner Daniel G. Raymondi, (l) and Mayor Thomas P. Koch, (r) presented Joseph W. Koch with an award for 35+ years of dedicated service.

The Employee of the Year Award went to Working Foreman Roy Pettinelli of Traffic and Parking Operations. Safety Employee of the Year went to Working Foreman Michael Caporale of the Water/Sewer/Drain Division.

Longevity Awards for 25+ years of service were presented to General Foreman Edward Leary, Working Foreman John McMahon and General Foreman Mark Vialpando. General Foreman Joseph Koch received an award for 35+ years of service.

Respectfully submitted,

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Daniel G. Raymondi  
Commissioner of Public Works