

City of Canton Street Department



2016 Year in Review

Street Department

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STREET DEPARTMENT INFORMATION

Welcome to the Street Department of the City of Canton, Ohio. The objective of the City of Canton's Street Department is to provide roadway safety and to maintain the city streets to the best of our ability.

The Street Department performs the following on a yearly basis:

- Pothole Repairs
- Street Sweeping
- Road Berming
- Roadside Ditches and Swales
- Snow and Ice Control
- Paving Repairs (mill and fill)
- Mowing of Right of Ways
- Road Base Repairs

The Street Department also performs the following Non-Street work as well:

- Oversee the grasses of rank growth (overgrown grass) on private property
- Organize and assist in Beautify A Neighborhood (BAN)
- Set up and removal of bleachers for the Hall of Fame Parade
- Cleanup of the Hall of Fame Parade
- Assist with Downtown events: set-up, cleanup, barricades as requested
- Locate and erect the City Christmas tree in the Market Street South Plaza

For more information about any of the mentioned duties, visit the website at www.cantonohio.gov/streets/.



SUPERINTENDENT OF PUBLIC WORKS ANNUAL REPORT:

The year 2016 was a great year for road improvements and upgrades in the City of Canton. The City of Canton had 12 streets paved and 33 streets maintained with chip seal. While the Engineering Department deserves most of the credit for the aforementioned road improvements, the Street Department plays a vital role in the process by providing input as well as prepping the roads prior to and during construction.

The Street Department also oversees the grasses of rank growth (overgrown grass) on private property throughout the City of Canton. Three years ago, it was reported that there were nearly 4,000 private property lots that were unkempt and required mowing by the City of Canton. Today, there are just over 1,000 private property lots that are active in our system. A great deal of gratitude needs to be given to the Administrative Team of the Street Department. Through better management and upkeep of the filing system, better invoicing, and last holding the private property owners accountable, we have brought about a drastic decrease in the number of private property lots being maintained by the City.

In addition, the Administrative Team joined forces with the Stark County Auditor and created a mowing app to assist with managing the issue of the overgrown grass throughout the City. This has allowed for real time tracking of when and where the lots are being mowed, providing proof in the form of before and after photos of the lots being mowed and allowing for a paperless filing system which drastically reduces both busy work and accidental duplications. Special thanks to both Joe and John from the Stark County Auditor's office for working with us on this solution.

As you read through the following pages of work performed by the Street Department for the year, grasp and understand the magnitude and significance of this work. There are over 1,000 lane miles within the City of Canton. Most of our neighboring municipalities have far less mileage to maintain, many with 70 to 80 percent fewer lane miles than the City of Canton. Therefore, when comparing services there is no "apple to apple" comparison. As you read the Year in Review, you will see that there is only one apple and that is the City of Canton Street Department.

I hope you enjoy the following overview of the City of Canton Street Department for 2016! I look forward to 2017.

Michael Rorar
Superintendent of Public Works, City of Canton

STREET DEPARTMENT PERSONNEL

A dedicated staff of thirty-three fulltime employees provide city residents and visitors with a safe and enjoyable experience as they travel throughout the City of Canton.

The Street Department is comprised of a skilled and dedicated team of employees. In 2016, Street Department personnel had multiple trainings:

- Twenty-eight employees were trained in EPA Illicit Discharge
- Seventeen employees were trained on being Non-Certified Herbicide Handlers
- Four employees were trained in Pavement Preservation
- Three employees were trained in Roadway Drainage
- One employee was recertified in Herbicide Application

Three Street Department personnel were promoted—one from an Operator 2 to an Operator 3 and two were promoted from an Operator 3 to an Operator 4 positions. There were two replacement hires of Operator 3 positions. Three employees bid out (one Operator 2, one Operator 3, and one Operator 4). Two employees retired (one Operator 2 and one Operator 3).



Street Department Personnel Installing an Asphalt Curb on 21st St NE

CITY OF CANTON STREET MAINTENANCE UPDATE

In 2016, the Street Department:

- Resolved over 9,756 residential requests (**In 2015 - there was 11,940 residential requests.**)
- During the winter of 2015-2016, Street Department Personnel used an estimated 4,944 tons of salt and spent approximately 2,871 hours controlling snow and ice on city roadways, while driving over 26,174 miles. (**In 2014-2015 - there was an estimated 13,259 tons of salt used and 7,850 hours spent driving over 63,000 miles.**)
- Swept over 2,000 lane miles of city streets and highways. Thus removing 2,444 tons of material from the roadway surface. Street sweeping is done to keep the city streets clean as well as to keep debris from entering the city's drainage system. (**In 2015 - there were 1,353 lanes miles swept and 3,154 tons were removed.**)
- There were 577 hours spent on roadside mowing along the State Highway system throughout the city. (**In 2015 - there were 717 hours spent in roadside mowing.**)
- Treated over 70 miles of vegetation along guardrails with herbicide.
- Crack sealed over twenty miles of roads. This is being done to seal the cracks in the pavement to prevent water from penetrating the road base. This helps reduce the negative impact (potholes) from the freeze and thaw process. (**In 2015 - there were fifty-two miles of roads crack sealed.**)
- Five brick streets had repair work done to them. They include 2nd St and Market SW, 5th St and Market N, Cleveland Ave SW, 22nd St NW and University NW.
- Over 382 lineal feet of asphalt curbing was installed to help residents alleviate drainage concerns.
- The Street Department repaired two sections of concrete curb and gutter pans along 44th St NW.

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Curb and Gutter Repair 44th St NW

CITY OF CANTON STREET MAINTENANCE UPDATE (continued):

In 2016, the Street Department:

- Used over 5,900 tons of asphalt in repairing the city streets. This involved the following tasks **(In 2015 - 6,371 tons of asphalt were used):**

Numerous potholes were filled at 1,937 separate locations. **(In 2015 - there were 2,035 separate locations).**

Mill and Fill

- There were forty-one streets throughout the city that had sixty-eight mill and fill repairs completed. Mill and Fill occurs where the asphalt has failed completely or where the potholes are too numerous over a stretch of road. The Street Department will mill out two or more inches of existing asphalt and then re-pave the portion that was milled. **(In 2015 - Eighteen mill and fills were performed.)**

Dig Outs (Base Repair)

- There were seventeen streets throughout the city that had twenty-five dig out repairs to the road base portion of the street. The dig outs occur where there is mud and sediment that is pumping upward through the pavement. **(In 2015 - Fifteen dig outs were performed.)**

Drainage system correction:

- Corrected over 2,640 linear feet of roadside ditching. **(In 2015 - 4,498 linear feet of ditching was performed.)**
- Installed 500 linear feet of underdrains within the roadways of Wildwood NE, 32nd St NW and Orchard Park Dr. NW

Roadside Berms

- Corrected over 2,767 linear feet of roadside berm. Roadside berms occur along unimproved streets (no curb or gutter). They are deemed necessary to protect the road edge and prevent deterioration. Maintaining berms is important so storm water will runoff the pavement instead of ponding and freezing along the pavement. **(In 2015 - 5,181 linear feet of berming was performed.)**

CITY OF CANTON PUBLIC WORKS UPDATE

In 2016, the Street Department:

- Recorded 1,210 hours in the upkeep of Downtown. (**In 2015 - there were 2,890 hours recorded for upkeep of Downtown**).
- There were 1,668 hours spent setting up for the Hall of Fame Parade (*126 hours of which were Community Service Workers, this was the first time they were used in setting the bleachers*). This includes bleacher set up and tear down, setting up barricades, additional mowing and sweeping along the parade route (**In 2015 - there were 1,430 hours recorded for the Hall of Fame**).
- Spent 844 hours assisting neighborhood associations in seven scheduled Beautify a Neighborhood (BAN) days events. There were over 40 residents who volunteered their time during the BAN days (**In 2015 - there were 700 hours recorded for BAN Cleanups**).
- There were zero abandoned lot cleanups performed throughout the city by the Street Department (**Since 2015 there have been zero lot cleanups performed**).
- Spent 243 man hours on Light Up Downtown, stringing the trees with lights, installing pole wraps, cutting down, setting up and decorating the Christmas Tree and cleaning up after the Holidays (**In 2015 - there were 252 hours recorded for Light Up Downtown**).
- Spent 326 hours setting out barricades and working five marathons (**In 2015 - there were 144 hours recorded for barricades**).
- Spent 2,498 hours mowing the city owned, ODOT owned, and railroad owned lots. There are 662 lots total (**In 2015 - there were 3,459 hours recorded for mowing**).

The following sub-contracted work was done throughout the City of Canton:

- 2,454 mows were done on 1,361 non-city owned lots using subcontractors. This was the third year the city contracted out the mowing. The intent is to free up the Street Department personnel to focus more on street work. (**In 2015 - there were 4,843 mows performed on 2,130 non city owned lots**).



2017 Goals and Objectives

- Continue to address resident requests both efficiently and in a timely manner.
- Continue to maintain the city streets to the best of our abilities.
- Continue to operate in such a way that strives to be fiscally responsible.
- Continue to evaluate and replace/upgrade existing vehicles and equipment as needed.
- Create a Vehicle Maintenance Program—including constructing a vehicle wash bay system.
- Installation of a satellite salt dome to help service the northwest.
- Create a Snow and Ice Standard to be implemented by Street Department Personnel.