

**2024**  
**Canton Township Public Works**  
**Annual Report**



Approved: 4/1/25

Prepared by: Public Works Director Christopher Neisel

# Canton Township Public Works 2024 Annual Report

Looking back over 2024 our Public Works team accomplished a lot around the Township for our residents and businesses. We are still making great strides in moving Canton Township forward and making it a great place to live. I am always looking for ways to improve our day-to-day functions to make our team more efficient. I strive for our team to be the best in everything that we do.

The residents and businesses of Canton Township have a great group of people who are dedicated in serving them and providing the best service we can. That all comes with a price and the price of doing business has increased as we all are aware of in our day-to-day lives. We continue to provide our services while being conscious about our budget and making the best decisions I can to keep us moving forward.

I have a great support staff here to rely on and would like to thank the Office staff, Fiscal Office, Public Works employees, and the Board of Trustees for everything that each and every one of them does, with me and for me, to keep us moving in the right direction.

I wish everyone a safe and healthy 2025.

Christopher Neisel

Canton Township Public Works Director



***Public works is the combination of physical assets, management practices, policies, and personnel necessary for government to provide and sustain structures and services essential to the welfare and acceptable quality of life for its citizens.***

## Vision Statement

The Canton Township Public Works Department will be a leader in the delivery of public services; known for our responsiveness, reliability, good stewardship of fiscal and human resources, and caring attention given to every single person we encounter.

## Mission Statement

To provide the highest quality services to the public and other Township departments, balanced through efforts to maintain a cost-effective operation and to provide these services in a responsible and efficient manner.

## Our Values

These principles, informed decision making, guide our behavior in working with each other, our businesses, and our residents.

**Integrity:** We are accountable and transparent with public funds and hold ourselves to the highest ethical standards.

**Safety:** We share ownership and responsibility for ensuring safety in all that we do.

**Equity:** We embrace diversity and foster a culture of inclusion.

**Excellence:** We use our skills and expertise to continuously strive to be more efficient, effective, and innovative.

**Unity:** We work together as ONE to provide better service and solutions.

## Public Works Department Duties

1. Maintenance of 186 lane miles of Township owned roads.
  - Patching, sweeping, crack sealing, snow and ice control, street markings, signage, and right-of-way mowing
2. Routine inspection of 186 lane miles of Township owned roads.
  - Visual inspection of road condition for safety concerns
3. Annual Resurfacing Project.
  - Engineering, bidding, and overseeing project
4. Annual Stripping Project, if not included in the resurfacing project
  - Engineering, bids, and overseeing project
5. Annual Crack Sealing Project
  - Engineering, bids, and overseeing project
6. Keeping the roads clear of debris.
  - Trash, roadkill, trees, and any other type of debris
7. Mowing of road right-of-way's in rural areas of the Township.
  - 2-3 times per season
8. Maintenance and replacement of road/street signs.
  - Approximately 2,000 signs throughout the Township
  - Conform to the Manual on Uniform Traffic Control Devices (MUTCD)
  - Continually upgrade to meet the retro reflectivity guidelines
  - Routine inspections
9. Maintenance and upkeep of 3 public works buildings, 1 salt storage structure, Township Administration building, several park structures, playground equipment, 3 cemeteries, and assist with the Community Center
  - General maintenance and repairs, and oversee outside contractors
10. Mowing of 42 acres of Township owned property.
  - Township owned buildings
  - Faircrest Park and Community Park
  - Hillcrest Cemetery

## Public Works Duties Continued

### 11. Weekly Park inspections

- Playground equipment, structures, picnic tables, benches, disc golf course, fences, dugouts, signage, and trees

### 12. Routine Park cleaning and trash removal

- Trash removal and sanitation of pavilions, tables, benches, and grills before and after rentals
- Playground equipment sanitation

### 13. Park rentals

- Scheduling and payments (office staff)
- Posting rentals at parks

### 14. Maintenance and upkeep of the Township storm water system.

- Culvert installation, culvert replacement, inspections, flushing
- Catch basin installation, repairs, cleaning
- Ditch cleaning
- Outfall inspections (approx. 354 outfalls)
- Illicit discharge investigations

### 15. Annual Ohio Environmental Protection Agency Report (Ohio EPA)

- National Pollutant Discharge Elimination System (NPDES) permit
- Municipal separate storm sewer system (MS4) report

### 16. Zoning abatements, under the direction of the Zoning Director

- Mowing high grass nuisance properties
- Board up unsecured structures
- Removal of trash and debris from nuisance properties

### 17. Manage and maintain flags along Cleveland Ave

- Routine inspection, replacement

### 18. Maintain the Township Yard waste site.

- Daily debris loading when site is open
- Trash removal from illegal dumping when needed

# Canton Township Public Works 2024 Annual Report

## Public Works Duties Continued

19. Maintenance and upkeep of all Public Works fleet vehicles and equipment and also Zoning Department Vehicle

- 17 trucks (dump, pickup, street sweeper, bucket truck)
- 8 trailers (utility, light tower, hot box, speed sign)
- 9 tractors (loader, backhoe, excavator, boom mower, flail mower, park mowers)
- 3 misc. (chipper, roller, forklift)
- Numerous small engines (chainsaws, weed trimmers, paint stripper, pumps, compactor, road saw, demo saws, leaf blowers)
- Annual vehicle inspections
- 13 snow plows
- 10 salt spreaders

20. Manage and maintain the Township fuel system.

- Monthly reports
- Maintenance

21. Manage and maintain Faircrest School zone lights.

- Yearly programming
- Maintenance

22. Maintenance of 1.9 miles of road for the Village of Meyers Lake.

- Patching, sweeping, snow and ice control

23. Maintenance and replacement of road/street signs for the Village of Meyers Lake.

- Approximately 60 signs on streets we maintain
- Conform to the Manual on Uniform Traffic Control Devices (MUTCD)
- Continually upgrade to meet the retro reflectivity guidelines
- Routine inspections

# Canton Township Public Works 2024 Annual Report

## Personnel

Canton Township has a unified team that works very well together to accomplish our mission.

### Full Time Staff

Christopher Neisel- Public Works Director

Christopher Scarpino- Assistant Public Works Director

Doug Weaver- Road Foreman

Laura Datkuliak- Administrative Assistant/Assistant Zoning Director

### Full Time Public Works

Anthony Ruess- Laborer

Cody Jones- Laborer

Steven Hunt- Laborer

Kevin Thompson- Laborer

Matt Tedeschi- Mechanic (Hired in 2024)

Randy Gill- Mechanic (Retired in 2024)

### Part Time Seasonal

Fredrick Harper- Mower

Gary Weaver- Laborer

### Part Time Public Works

Larry Baker- Laborer

# Canton Township Public Works 2024 Annual Report

## Public Works Vehicles and Equipment

### Heavy Duty Trucks

2004 International Dump Truck w/Plow and Spreader  
2006 International Dump Truck w/Plow and Spreader  
2007 International Dump Truck w/Plow and Spreader  
2010 International Dump Truck w/Plow and Spreader  
2017 Freightliner Dump Truck w/ Plow and Spreader  
2019 International Dump Truck w/ Plow and Spreader  
2021 Freightliner Dump Truck w/ Plow and Spreader  
2010 International Bucket Truck  
2004 Sterling Swartz Street Sweeper

### Medium Duty Trucks

1993 International Service Truck  
2001 Ford F-250 w/Plow and Spreader  
2017 Ford F-550 w/Plow and Spreader  
2017 Ford F-550 w/Plow and Spreader  
2019 Ford F-450 Super duty w/Plow  
2021 Ford F-350 Service Body w/Plow  
2022 Ford F-350 Pickup w/Plow

### Equipment

1993 Ford Flail Mower	2009 Ventrac mower (zoning)
1998 Light Tower	2023 Ferris Zero Turn Mower (parks)
1999 New Holland Boom Mower	2015 Wacker Neuson Roller
2001 Brush Bandit Chipper	2016 Spaulding Hot Box
2001 New Holland Tractor	2015 Bobcat E-55 Excavator
2005 Case Backhoe	2020 Ventrac mower (parks)
2022 Case Wheel Loader	TCM Forklift

### Trailers

1998 16ft Utility (sold in 2024)  
2002 Equipment  
2003 14ft Utility  
2005 10ft Catch basin  
2012 16ft Landscape (sold in 2024)  
2015 12ft Tilt (roller)  
2020 20ft Landscape  
2024 20ft Landscape



# Canton Township Public Works 2024 Annual Report

## Public Works Vehicles and Equipment Purchased in 2024



- 2024 Contractor Grade Tandem Axle Trailer
- Purchased from Appalachian Trailer for \$5247.78
- This replaced two older trailers which were both sold on Govdeals.com



- Purchased a used 2020 cab and chassis with less than 3000 miles on it from Hissong Group, Inc. (Kenworth) for \$149,985.00
- Truck Corp equipped the truck with an 11 ft SS dump bed, central hydraulics, spreader control, 20-ton pintle plate, hook, and snow plow hitch



**Public Works Vehicles and Equipment sold in 2024 through  
GovDeals.com**

➤ 16ft Tandem axle trailer	\$1,625.00
➤ 16ft Tandem axle trailer	\$1,550.00
➤ Jett Gear Head Lathe	\$1,000.00
➤ Hydraulic Maintenance Sets	\$12.00
➤ Battery Charger (not working)	\$17.01
➤ Torch Tip, hose, Regulator	\$22.00
➤ 35-ton Air jack (not working)	\$37.00
➤ Old trailer wiring plugs	\$10.00
➤ Air Oil pump	\$10.00
➤ Fuel Transfer tank	\$191.00
➤ Vehicle ramps	\$125.00
➤ Snowflake Icicle Lights	\$93.00
➤ Multi Color Icicle Lights	\$41.00
➤ Blue Icicle Lights	\$30.00

Total sales for 2024 came to \$4,763.01

# Canton Township Public Works 2024 Annual Report

## 2024 Recycling - Yard Waste



## Stark-Tuscarawas-Wayne Recycling District

Canton Township was awarded a one-time grant in 2024 in the amount of \$40,300.00 to convert our yard waste site into a private site for our residents. The Stark-Tuscarawas-Wayne Recycling District decided that they will not be providing any funding in the future for yard waste sites. The grant money was used to pay for new gates/openers with a card reader system, new signage, and upgrades to the cameras. Our site was opened on April 1<sup>st</sup> 2024 as a private site for Canton Township, Pike Township, and the Village of East Sparta residents only and closed for the season on December 1<sup>st</sup> 2024. During that period, 84 loaded dumpsters were hauled from our location to Bull Country Compost. The monthly breakdown is as follows:

Month	Haul Expense	Tons	Dumpsters
April	\$1,050.00	30	5
May	\$1,750.00	50	10
June	\$1,925.00	55	11
July	\$2,100.00	60	12
August	\$875.00	25	5
September	\$1,225.00	35	7
October	\$1,925.00	55	11
November	\$3,500.00	100	20
December	\$350.00	10	2
<b>Totals</b>	<b>\$14,700.00</b>	<b>420</b>	<b>84</b>

Startup expenses for the yard waste site to go private ended up being \$47,265.25. With the grant being \$40,300.00 that left us with \$6,965.25 to cover out of the Township's general fund. Pike Township and the Village of East Sparta asked that their residents be aloud to use the facility and provided us with \$1,866.69 to help offset the startup costs which brought us down to \$5,098.56.

Total card sales came to \$22,900.00 minus hauling expenses of \$14,700.00 minus \$5,098.56 back to the general fund minus \$493.84 for electric brought our balance to \$2,607.60.

## Canton Township Public Works 2024 Annual Report

The Road Department had expenses for labor which came to \$1,491.85 and equipment wear & tear/fuel which based on FEMA's numbers came to \$4,291.73.

The Road Department also installed new entrance and exit driveways into the site, assisted with the gate/opener installations, assisted with the camera upgrades, and set up the software for the new card reader system.



# Canton Township Public Works 2024 Annual Report

## 2024 Snow/Ice Mitigation

The 2024 winter totals for this report run from January 1<sup>st</sup> 2024 to December 31<sup>st</sup> 2024. As usual we kept the streets of Canton Township safe for the traveling public. The crew of eight is on call 24 hours a day 7 days a week throughout the winter season for when snow and ice appear.



- 2,305 tons of salt were used
- Total cost of salt used in 2024 was \$155,549.00
- The Public Works Department personnel was out a total of 24 times
- 19 events were just to apply salt
- 5 events were to plow and apply salt
- Personnel put in a combined total of 1014 hours for snow and ice mitigation
- Labor cost of \$34,798.00

# Canton Township Public Works 2024 Annual Report

## 2024 Road Resurfacing

In 2024, the Township had 2 resurfacing projects that went out to bid: the asphalt paving project and the chip-seal project.

Karvo Compnay Inc. was awarded the 2024 paving project for \$632,690.33 which covered 3.1 miles of streets. There were a few overages in the amount of \$13,677.36 and a change order for a leveling course on a couple streets of \$15,086.22 which brought the grand total for the project to \$661,453.91

20/20 Enterprises was awarded the 2024 Chip-Seal project for \$123,613.77 which covered 7.42 miles of streets. The project was bid for emulsion and labor only. The cost of \$28,884.24 for limestone was billed directly to the Township from National Limestone. The total project cost was under budget at \$150,575.25.

Ahead of the proposed projects the Public Works Department inspected and replaced any questionable culvert pipes, catch basins, and trimmed trees back from the streets.



# Canton Township Public Works 2024 Annual Report

## 2024 Paving Project Streets with Cost

Street	Cost
Carnwise St SW	\$232,525.98
Ironwood St SW	\$42,440.58
33 <sup>rd</sup> St SW	\$41,895.55
34 <sup>th</sup> St SW	\$52,155.81
Bruening Circle SW	\$48,153.62
Birchmont	\$49,653.36
Pearmont	\$31,161.14
43 <sup>rd</sup> St SW	\$38,260.19
45 <sup>th</sup> St SW	\$71,296.91
Navarre Rd SW	\$43,342.36
Access Road to Navarre	\$10,568.39
<b>Total</b>	<b>\$646,367.69</b>

## 2024 Chip Seal Project Streets with Cost

Street	Cost
Sandy Ave. SE	\$32,296.93
Sherr Ave SE	\$20,205.62
Oyer St SE	\$10,732.32
Leander St NE	\$6,545.24
Hollywood Ave NE	\$291.65
Jettie Ave NE	\$2,893.78
Deitz Ave NE	\$2,893.78
4 <sup>th</sup> St NE	\$2,526.42
4 <sup>th</sup> St NE	\$4,340.26
Hollywood Ave NE	\$3,947.07
Euclid St NE	\$2,024.17
Meyerson Ave SE	\$5,489.79
2 <sup>nd</sup> St SE	\$1,044.73
Glenhaven Ave SE	\$1,546.79
2 <sup>nd</sup> St SE	\$609.45
Allenford Dr SE	\$17,859.11
Mill Rd SE	\$9,810.48
Sycamore SE	\$3,545.84
Village St SE	\$21,971.81
<b>Total</b>	<b>\$502,937.63</b>

ROAD LEVY DOLLARS AT WORK

# Canton Township Public Works 2024 Annual Report

## 2024 Road Repairs

Along with the 2024 Asphalt paving project there were other areas where large area patching was performed by outside contractors. Those areas are listed below with the cost associated with each.

Street	Cost
Baum St SE	\$14,500.00
Southberry Cir SW	\$13,475.00
Cheyenne St SE	\$7,800.00
<b>Total</b>	<b>\$35,775.00</b>

Large area patching is done every year on different streets in problem areas to help extend the service life of the pavement. This type of patching usually requires the pavement to be milled, tack applied, and new asphalt laid down and compacted. Problems that occur that require large areas to be patched are:

- Raveling
- Depressions
- Potholes
- Alligator Cracking
- Longitudinal Cracking
- Block Cracking
- Edge Cracking
- Asphalt Upheaval

**Alligator Cracking**



**Block Cracking**



**Potholes**



**Edge Cracking**





# Canton Township Public Works 2024 Annual Report

## 2024 Crack Sealing



- The Public Works Department performed all 2024 crack sealing in house.
- 13,500 pounds of sealant was applied to various streets valued at \$11,704.49
- It took 235 labor hours to apply at the cost of \$5,215.32
- Total project cost of \$20,470.80 (Equipment, Labor, and Materials)

## 2024 Street Striping

Multiple streets were striped in 2024 by the Aero-Mark Company at the cost of \$33,559.93.

<i>Ref</i>	<i>Quantity</i>	<i>Item # Description</i>	<i>Unit Cost</i>	<i>Sub Total</i>
	15.750 Mile	642 Edge Line	823.000 Mile	\$12,962.25
	9.150 Mile	642 Centerline	1,075.000 Mile	\$9,836.25
	5.000 Ea.	642 Railroad Symbol	325.000 Ea.	\$1,625.00
	22.000 Ea.	642 Stop Line	90.000 Ea.	\$1,980.00
	4.000 Ea.	642 SCHOOL Symbol	325.000 Ea.	\$1,300.00
	3.000 Ea.	642 Cross Walk Line	250.000 Ea.	\$750.00
	800.000 Lin Ft	642 Channel Line	0.880 Lin Ft	\$704.00
	21.000 Ea.	642 Lane Arrow	85.000 Ea.	\$1,785.00
	1,170.000 Lin Ft	642 Turn Lane Markings	0.680 Lin Ft	\$795.60

## 2024 Stormwater Management

Our Township's Stormwater System is maintained and overseen by the Canton Township Public Works Department. Finding and correcting problems and issues with the storm system are found by, but not limited to the following ways.

- Service requests from residents
- Issues observed by Township employees
- Other agencies reporting issues

### Summary-

The National Pollutant Discharge Elimination System (NPDES) small municipal separate storm sewer system (MS4) general permit required the development and implementation of a Storm Water Management Program (SWMP) that satisfied the appropriate water quality requirements of the Ohio Revised Code (ORC) 6111 and the Clean Water Act. This must identify and describe the best management practices (BMPs) the MS4 has selected to address in the permit. The six Minimum Control Measures (MCMs) were selected by the MS4 in light of local water quality issues. The six MCMs are:

1. Public Education and Outreach
2. Public Participation and Involvement
3. Illicit Discharge Detection and Elimination
4. Construction Site Runoff Control
5. Post-Construction Runoff Control
6. Pollution Prevention/Good Housekeeping for Municipal Operations

Canton Township has a Memorandum of Understanding (MOU) with Stark County Soil & Water Conservation District for Technical Assistance. The MOU, signed January 2022, is for a two-year period which expired in April of 2024. The MOU was updated and signed for an additional 1 year which will cover us through the end of 2025. For the sum of \$4,000.00 each year Stark Soil will assist Canton Township with the six MCMs, and reporting required in our annual EPA NPDES small MS4 general permit report.



## 2024 Stormwater Management Cont.



- 181 Catch basins cleaned
- 33 Catch basins repaired
- 20 New catch basins installed
- 23 old catch basins replaced



- 1,814 feet of culvert pipe was either installed new, old pipe replaced, or repaired
- 360 feet of culvert was flushed due to a blockage



- 5,099 feet of roadway ditches were cleaned and reshaped.
- 471 feet of roadway were bermed for proper water runoff



# Canton Township Public Works 2024 Annual Report

## 2024 Road Safety and Maintenance

A duty of the Public Works Department is to keep the streets safe for the traveling public. Part of that duty is to keep the streets and road right of ways clear of trees, dead animals, trash/debris, and discarded tires.



- A total of 9 trees were removed from Township streets or the right of way due to storm damage or safety issues
- Crews were out a total of 13 times removing small limbs that came down due to wind or storm events
- Numerous trees were trimmed back from the roadway that were creating clearance issues



- 19 deceased animals were picked up from the street and disposed of



- 318 tires were picked up from roadside ditches and recycled through a grant from the Ohio EPA

# Canton Township Public Works 2024 Annual Report

## 2024 Road Safety and Maintenance Cont.



- 54 different times to clean up trash and debris from the road, right of way, or ditch
- No tonnage totals are available as most items are disposed of with our regular trash collection service
- Items picked up include furniture, household trash, building materials, and yard waste

The Public Works Department in conjunction with Stark-Wayne-Tuscarawas Recycling District applied for and received a grant from the Ohio EPA. This grant will provide the pick-up (from our location) and proper recycling of up to 5,000 illegally dumped tires from Township streets, right of ways, and ditches. Canton Township has partnered with neighboring Townships to accept their tires at our facility for storage and centralized pick up for the hauling company.



## 2024 Road Safety and Maintenance Cont.

Another part of our road safety and maintenance is the upkeep of signage on all Township streets and the streets belonging to the Village of Meyers Lake. We handle regulatory, warning, lane control, information, parking control, street name, school, littering/recycle, park, road, and object marker signage. We follow the MUTCD guidelines and the retro-reflectivity laws. Signage is a never-ending job. There is always signage to update, or replace due to age or accident.



- 47 sign issues were handled during 2024
- 33 were new signs and new posts
- 14 were repairing/straightening the old sign or post



- 20 Road opening Permits were issued in 2024 for various contractors and utility companies
- Total of permit fees collected was \$1500.00



## 2024 Community Park

- Trash was checked and collected a total of 47 times
- Park was mowed a total of 21 times
- The playground was inspected 25 times
- 11 additional acres of land was purchased from Canton Local Schools at the cost of \$65,000.00
- A ceiling was installed in the picnic shelter to help keep the birds at bay.
- Lighting was also added into the picnic shelter and the exterior security lights were replaced.
- 6 area lights were installed in the park to provide lighting after dark
- New entrance gates were installed with timed openers being installed in 2025.



## 2024 Faircrest Park

- Trash was checked and collected a total of 57 times
- Park was mowed a total of 21 times
- The playground was inspected 23 times
- Installed a catch basin and French drains to handle a water issue coming out of the side of the hill
- New entrance gates were installed with timed openers being installed in 2025.
- Camera system was upgraded and more cameras were installed for better security.
- The Faircrest Park Amphitheater was built by CCI Commercial Construction and funded by a \$300,000.00 Capital Grant from the State of Ohio. CCI's final price came in at \$274,778.00 and the Township had some in house expenses in the amount of \$19,670.38. Total project cost of \$294,448.38.
- The amphitheater was first used on June 22<sup>nd</sup> for Community Day 2024.





# Canton Township Public Works 2024 Annual Report

## 2024 Community Day



- Community Day was held on Saturday, June 22nd, 2024
- LED Transportation provided shuttle buses to and from the parking lot at Faircrest Elementary school to the park
- 9 food vendors participated to provide food to attendees: Moonshine Q BBQ, JD's Gourmet Dogs, French Fries, Bomb Tacos, Here's the Scoop, Life is what you bake it, Travelin Tom's Coffee, Crazy Kitchen, and Kona Ice
- Live entertainment was provided by Karri Fedor & Kerosene and Gary Prisby
- Fireworks display was provided by Starfire Corporation
- Boy Scout Troop 250 participated by helping with trash and cleaning
- Numerous area groups/organizations set up booths to display their products or showcase what they do in and around the community
- Approximate number of attendees was 3200
- Collected donations in the amount of \$29,950 from area businesses and residents
- Township elected officials, Public Works Staff, Fire Department Staff, and Office staff were all in attendance to help make this a great community event

# Canton Township Public Works 2024 Annual Report



# Canton Township Public Works 2024 Annual Report

## 2024 Winterfest



- Winterfest was held on Saturday, December 7th, 2024
- LED Transportation provided shuttle buses to and from the parking lot at Faircrest Elementary school to the park
- JD's Gourmet Dogs, and Life is what you bake it were onsite for hotdogs and sweet treats
- Live entertainment was provided by Sound of South Choir, the Grinch, CS Singers, Canton Elite Dancers
- Fireworks display was provided by Starfire Corporation
- Santa and Mrs. Claus made the trip to the park to take pictures
- Donuts and Hot Chocolate were passed out to attendees
- There were many activities to participant in throughout the evening: Facepainting, pictures with Santa, Christmas ornament craft, balloon artist, letters to Santa, petting zoo
- The event was sponsored by Canton Township and Canton Local Schools
- Township elected officials, Public Works Staff, Fire Department Staff, and Office staff were all in attendance to help make this a great



# Canton Township Public Works 2024 Annual Report

