

# ROAD DIVISION ANNUAL REPORT 2017

## Cut Out and Patching



There are approximately 625 miles of safe, clean roadway for vehicular travel within the Township throughout the year. Services are also provided to residents on State & County roads for emergencies.

We temporarily repaired all potholes discovered on Township roadways with cold or hot patch. We responded to pothole requests within one working day, filling potholes with cold or hot patch, and also repaired and patched those areas of roadway disturbed by the installation of curbing. Cutouts and road cracks were sealed and tacked, utilizing 975 tons of top and/or patch material. The Road Division also responded to approximately 681 service requests submitted in Q-Alert.

## Inlet, Manholes and Drainpipe Construction



The Road Division maintained and repaired drainage systems to provide efficient storm water management throughout Hamilton Township. Approximately 194 inlets, manholes, drainpipes and sewer lines were repaired from April through December to improve drainage on roadways. The Road Division replaced drainpipe and sewer pipes if replacement was needed. Emergency repairs in driving lanes were repaired within 24 to 48 hrs. We also repaired inlets and pipes on roadways that were on the paving project list.

## Signs



Fabricated new street and traffic signs as needed during the year throughout the Township. The Road Division repaired/replaced approximately 850 street signs, and repaired/replaced approximately 1400 traffic signs. Damaged traffic signs are repaired within one (1) day and street signs are repaired within two (2) days of reported damage. Numerous new “special event” and new road signs were fabricated. Approximately 650 signs were designed for various Departments and Special Events. Yellow and white lines were painted on center lanes and marginal, handicap spots, curbs, fire zones, and fire hydrant circles. Crosswalks and new fluorescent, green crosswalk signs were installed around the perimeter of schools. A total of 1520 lbs. of thermo plastic, 877.5 gallons of white & yellow paint and 4220 lbs. of glass spheres were used during the year. Over 30 miles of traffic lines were painted.

**Road Cleaning**



Street Sweepers swept 625 miles of roadway on a scheduled basis, maintaining 4 sweepers on the roads for a minimum of 180 days throughout the year. The street sweepers follow a schedule that allows all roads to be swept at least three (3) times each year. Approximately 6,059 miles of roadway were swept, and 4,217 cubic yards of debris collected through our street sweeping program.



Cut brush and removed all litter from the roadways during the year, hauling debris to our Ecological Facility.



Removed fallen leaves along all roadways and will complete one (1) round by December 22, 2017. Our leaf program runs from October 30 to December 22. The Road Division collected 20,281 cubic yards of leaves within our curbside leaf program. These leaves will be processed into compost to be given to the Township residents in 2019.

**Snow Removal**



The Road Division strives to provide safe passage on main thoroughfares throughout Hamilton Township. Salt was spread during icing/snow conditions and plowed when necessary. We had 10 storms during the Winter Season and a total of 994.91 tons of salt and 32,809 gallons of brine were used.

**White Goods Pick UP**



White Goods Pick Up: Provided efficient white goods collection from the curbside of 34,524 households. This service is provided to Township residents in order to divert metal from the waste stream. Metal objects such as washers, dryers, and refrigerators are collected. Electronics pick up was new this year for computer, televisions, etc., Through the Q-Alert system, approximately 2,678 pieces of electronics were collected curbside.

## Ecological Facility



Maintained area for residential drop-off: Commingled (yellow bucket items), office paper/junk mail /magazines, newspapers, corrugated cardboard, unpainted-wood, tires, auto batteries, brush, leaves, grass clippings, metal items, motor oil, electronics and clothing.



## Trash Racks and Stream Cleaning



Cleaned 22 trash racks throughout Hamilton Township. Clogged trash racks are cleaned within 1 working day of notification and during a rainstorm to try to stop flooding and to improve water flow along creeks and waterways. These trash racks were cleaned 45 times.



Clean streams and ditches by removing debris to avoid flooding. Our response to each blocked stream complaint is addressed within one business day. Heavy brush, high grass, and debris blocking streams and ditches were removed during the year. 11,000 feet of ditches and streams were cleaned, and 1,119 cubic yards of brush and debris removed.

**Curb and Sidewalk Construction**



Constructed curbs and sidewalks, due to inlets and pipe repair from Roads and WPC along roadways.

50 feet of curb and 50 feet of sidewalk replaced.

**Brush Pick Up**



Provided efficient brush pick up from the curbside for 34,524 households. This service is provided to Township residents in order to divert vegetative material from the waste stream. This service runs throughout the year. Brush received at our Ecological Facility will be recycled to be used as mulch at various Township sites. 14,095 cubic yards of brush was picked up for 2017.

**Road Paving**

The Road Division purchased a larger Milling Machine and Paver because of the increase of paving projects. This gives us a greater ability to mill roadways in a shorter time frame with more efficiency. In 2017 the Road Division completed 19 paving projects. The following lists the roads that were milled and paved.

Chinnick Ave	Hamilton Lake Dr. to Dead End	864 Tons of Asphalt
Evergreen Ave	Nottingham Way to Route 33	418 Tons of Asphalt
Gallavan Way	Shady Lane to Rivulet Way	256 Tons of Asphalt
Independence Ave	295 Overpass to Hobson Ave	1352 Tons of Asphalt
Japril Dr	Delotto Dr. to Delotto Dr.	377 Tons of Asphalt
New Cedar Lane	South Broad Street to Dead End	680 Tons of Asphalt
Papps Dr	Yardv'l Allentown Rd to Village Dr.	100 Tons of Asphalt
Ward Ave	Hamilton Ave to Sam Naples Rd.	560 Tons of Asphalt
Yardv'l Ham. Sq. Rd	Route 33 to Nottingham Way	260 Tons of Asphalt

West Park Ave	South Broad Street to Dead End	1262 Tons of Asphalt
Kuser Rd	County Lane to House 2259	1657 Tons of Asphalt
Klockner Rd	Golden Crest Ct to Stratton Dr.	1481 Tons of Asphalt
George Dye Rd	Klockner Rd to Peter Rafferty Dr.	230 Tons of Asphalt
Saranac Rd	Stamford Road to Delotto Dr.	348 Tons of Asphalt
Pitman Ave	Cedar Ln. to Central Ave	1272 Tons of Asphalt
Joni Dr	Dolci Dr. to Crestpoint Dr.	368 Tons of Asphalt
Reeves Ave	Pitman Ave to Old Olden Ave	1004 Tons of Asphalt
Rudner Ave	Kuser Rd to Dead End	90 Tons of Asphalt
Estate Blvd	Sutton Rd. and Kiernan Way	356 Tons of Asphalt

### **Special Projects**

McManimon Hall	Replaced drive way at both ends	200 Tons of Asphalt
Veterans Park	Soccer Field Handicap Ramp	100 Tons of Asphalt
	Dam Site Trail	354 Tons of Asphalt
	Boardwalk Trail	90 Tons of Asphalt
	Trails along Klockner Rd.	280 Tons of Asphalt
	Trails in the Woods	200 Tons of Asphalt
Rusling Fire House	Parking Lot	140 Tons of Asphalt
HTRSA	Handicap Parking Spaces	20 Tons of Asphalt

### **Division Management**

Goals were selected for the division, in cooperation with the administration, and insured the efficient use of personnel and material.

**DEPARTMENT OF PUBLIC WORKS  
VEHICLE MAINTENANCE DIVISION**

**WORK ORDERS WRITTEN  
1/1/2017 – 12/22/2017**

ADMINISTRATION -18

HEALTH - 41

ROAD - 354

INSPECTIONS - 38

POLICE - 419

B&G - 85

PARKS - 127

WPC - 75

PUBLIC WORKS - 22

WILSON CENTER - 5

TOTAL - 1059