

Borough of Chatham
Department of Public Works
2015 Annual Report

Public Property and Roads:

2014-Regular hours- 18,309

2015-Regular hours- 18,262

.2% Decrease

2014- Overtime hours-2226.00

2015- Overtime hours- 618

72% Decrease

Mission Statement:

We are dedicated to provide professional services that will enhance the quality of life, safety and appearance of the Borough of Chatham. Through educational opportunities personnel continue on the cutting edge of technology. This enables us a means to provide residents with the most modern, efficient and cost effective services in maintaining and improving the infrastructure within the Borough.

Winter:

The winter months of the snow season of 2015 consisted of fifteen (15) snow events. Seven (7) were treated with deicing material and the remainder of the storms required plowing. The grand total snow fall amount for 2015 was 40.50 inches.

Road Maintenance:

2014-Regular hours- 5752

2015-Regular hours- 5534

3.5% Decrease

2014-Overtime hours-1208

2015-Overtime hours- 100.5

91.6% Decrease

The division's annual town wide pothole repair program continued during the winter months. Approximately four (4) tons of cold asphalt mix and two (2) tons of hot mix were used to make temporary repairs to Borough streets. During the latter part of the year the department was able to utilize it newly purchased asphalt hot box to make repairs to the with hot mix.

Initially the division was going to prepare eight (8) roads as part of Micro Surfacing Program this year, but given the difficult winter and toll it took on the roads, attention was given to repair various large alligated areas on numerous roads throughout town. A town wide road survey was conducted in early spring generating several large areas which require attention. A few of the large locations that were attended to were, 49 thru 65, Van Doren Avenue, 91 Woodland Avenue, 70 North Hillside Avenue and the entrance to Memorial Park. Fifty-seven (57) resident generated incident requests for repairs were attended to during the season, which ran from mid April to December 2015. In addition, seven (7) drainage projects and (31) water ditches were paved. And finally as part of the Borough's Shared Services Program, Summit assisted the Department with the paving of Division Avenue Parking Lot which required approximately three hundred (300) tons of asphalt alone.

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In comparison to the 2014 road repair program which required (450) ton of asphalt, the 2015 required (581) tons of asphalt for repairs and drainage projects. A overall increase of 29 percent of material.

2015 Road Capital Improvements

The following Roads were overlaid in 2015

1. Raymond
2. Overlook
3. Center Street- (from Milton Avenue to Yale Street)
4. Fairview Avenue – (from Fairmount Avenue to Washington Avenue)

2016 Goal- Continue Micro-surfacing program

Prepare list during the winter months and begin repairs in the spring of 20165

Drainage Projects-

2014-Regular hours- 1358

2014-Overtime hours-4.5

2015-Regular hours- 1814

2015-Overtime hours 113.3

34% Increase

2422% Increase

Annual drainage improvement projects continued in 2015. Three dry wells we installed at the following locations, 38 Lincoln Avenue, 137 North Hillside Avenue, and 5 North Summit Avenue.

In addition, the division corrected several drainage issues that caused reoccurring icing problems during winter months throughout town.

The season began with the drainage issue on north side of Oliver Street between 25 Oliver Street (heading west) to 27 Oliver Street. A three (3) foot wide, thirty (30) foot long trench was saw cut and excavated. The division tapped in to the existing catch basin vault located in front of 27 Oliver Street. Thirty feet of eight (8) inch diameter storm water pipe was installed and a new catch basin vault was built, a new frame, grate, and head were installed. Two (2) existing sump pump were tied into the system. The area was then backfilled with quarry process, compacted in lifts and allowed to settle and then paved.

The next drainage project location was the intersection of Cherry Lane and Lincoln Avenue. A three (3) foot wide by three hundred and seventy-five (375) foot long trench was saw cut and excavated along the south side curb line of Cherry Lane. The existing catch basin vault located at 17 Cherry Lane was tapped, and three hundred and seventy-five (375) feet of eight (8) inch storm water pipe was installed, heading west to 27 Cherry Lane. One flat catch basin vault was installed in the intersection of Cherry Lane and Lincoln Avenue and two addition catch basin vaults were built on the south west corner of Cherry Lane.

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Existing sump pumps were connected to the drainage system. The area was back filled with quarry process, compacted in lifts, and allowed to set settle. The entire intersection was milled and paved, paying close attention to properly crowning of the road to direct surface water flow towards the catch basins.

The division tackled the next project between 30 and 34 Coleman Avenue East. A three (3) foot wide by seventy (70) foot long trench was saw cut and excavated. Then a eight (8) inch diameter hole was bored thru the wall of the existing catch basin vault located in front of 34 Coleman Avenue. Seventy (70) feet of 8" diameter storm water pipe was laid and a catch basin vault was built in front of 30 Coleman Avenue East. Sump pumps were tied in, and the area was back filled with quarry process, compacted in lifts, and allowed to settle and then paved.

The divisions then turned their focus next to the west side of Hillside Avenue curb line between 116 and 140 Hillside Avenue. The sump pump drain pipes for ten homes were individually excavated behind the curb line and connected to the existing 36 inch storm water pipe. Each area was backfilled allowed to settle and then top soiled and seeded.

To correct the drainage issue on parts of North Hillside Avenue and Cornell Place new catch basin vaults were built in front of 97 & 91 North Hillside Avenue and the south east corner of North Hillside Avenue and Cornell Place intersection. A three (3) foot wide trench was saw cut and excavated along the south side curb line, from the existing catch basin vault located at 11 Cornell Place across the North Hillside Avenue intersection to 91 North Hillside Avenue and then headed north on 97 North Hillside Avenue. Approximately four hundred (400) feet of ten (10) inch diameter storm water pipe was installed and sump pumps were connected to the system. The area was backfilled with quarry process allowed to settle and paved.

And the final drainage project of 2015 took place at Yale and North Hillside Avenue intersection. Three catch basins vault were built, one on the southwest corner and the two on the Northwest corner of the North Hillside and Yale Street intersection. A three (3) foot wide by twenty-five (25) foot long trench from the southwest corner of Yale Street to the northwest corner was saw cut and excavated, and a ten (10) inch drainage pipe was installed connecting the catch basin vaults. The area was backed filled with quarry process, and compacted in lifts. Then a trench from the northwest corner of Yale Street and North Hillside Avenue intersection to a existing catch basin vault in front of 16 Yale Street was saw cut and approximately Three Hundred ninety feet (390) feet of ten (10) inch storm water pipe was installed. All existing sump pumps were tied in along the way. The area was backfilled with quarry process, compacted in lifts, allowed to settle and then paved.

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Recreation:

2014-Regular hours- 951

2014-Overtime hours-15

2015-Regular hours- 972

2015-Overtime hours-0

2.2% Increase

100% Decrease

The division continued with its support of all recreation programs throughout the year. This is comprised of the daily or weekly maintenance of baseball, soccer, lacrosse and football fields. The Public Works Department also continued with daily ball diamond maintenance on Board of Education fields located at Milton Avenue and Washington Avenue Schools. The division also processed numerous “Request for Service” generated by the Recreation Department.

During late summer and early fall, the division focused on renovations to the south ball diamond located at Shepard Kollock Park. A new pitcher’s mound was installed and the home plate, jox boxes were excavated and raised to the proper level. The entire field received several inches of new ball diamond infield mix clay, with the crowning of the center of the diamond transitioning outwards to prevent pooling of water. The entire infield was rolled and then dragged utilizing the departments Sand-Pro. The turf edges received a fresh layer of top soiled and seeded. Additional clay was also added to the north ball diamond in the same manner.

2016 – Goal- Renovate Lum Avenue north ball diamond

Grounds Maintenance/ Parks:

2014- Regular hours- 1419

2014- Overtime hours- 0

2015- Regular hours- 518

2015- Overtime hours- 0

64% Decrease

The annual grass maintenance contract continued with LTI Landscaping. The contract covered all parks, public buildings and public properties. The division continued with routine maintenance not covered by the contract consisting of the following- The trimming of shrubs, and the weeding and mulching of beds. In addition the department made preparations for the Fourth of July Parade, Fire Departments Annual Fishing Derby, and Annual Green Fair, and Chatham Athletics Foundation Fund Raising Event.

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Curbside Leaf collection:

2014- Cubic yards collected- 6,323
2015- Cubic yards collected – 6500
2.8% Increase

2014- Regular hours- 1585
2015- Regular hours- 1579
.37 % Decrease

A combination of excellent weather and some weekend overtime, the department was able to complete three rounds of curbside leaf collection by December 8, 2015. The Borough collected a total of 6,500 cubic yard this year. The department collected 4,860 cubic yards of leaves curbside, and private landscape companies brought in an additional 1,640 cubic yards to the mulch area.

Municipal Maintenance:

2014-Regular hours- 4631
2015-Regular hours- 7096
53 %Increase

2014-Overtime hours- 801
2015-Overtime hours- 173
78% -Decrease

The division continued with its routine winter time interior painting at Borough Hall. Building Maintenance goals set up last year were completed .The Administrator, Engineer, Clerk, and Recreation / Community office were all renovated and painted and relocated to the main floor. The Administrators former office on the upper level was painted and leased out to CPS. In addition, the Engineers former office was painted and is being utilized as a conference room. This kept the division busy during the winter months. The division also painted the north and south stairwells and main entrance to Borough Hall.

Light bulbs throughout Borough Hall were periodically replaced as needed. As part of a continued capital budget project a number of T12 florescent light fixtures were replaced with new LED fixtures in the main entrance and north stairwell and the new Administrators office. The division also processed numerous “Request for Service” throughout the year. HVAC unit filters were replaced quarterly and serviced.

2016 Building Maintenance Goals-

Paint the Police Departments Command Center and future Lieutenant’s office
Insulate the Firehouse boiler hot water pipes-
Upgrade T-12 light fixtures to Led – in Assistant Administrators office, Community Service/ Recreation office and south side stairwell of Borough Hall.

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Shade Tree:

2014-Regular hours- 1973

2015-Regular hours- 1562

20%- Decrease

2014-Overtime- 18.5

2015-Overtime- 3

83 % Decrease

Here is a list of the routine incident requests below from January 1, 2015 thru December 31, 2015

	2014	2015	
Shade Tree Requests	148	61	-58%
Pruned In House	73	36	-50%
Removed In House	34	25	-26%
Trees Contracted Pruning	11	15	36%
Trees Contracted for Removal	20	15	-25%
Trees Removed by JCP&L	6	8	33%
Trees Pruned By JCP&L	4	0	0%
Shared Services Trees Removed- Summit	0	0	0
Shared Services Trees Trimmed-	0	0	0
Stumps Ground	48	42	12.5%
Trees Planted for Shade Tree	0	0	

The division conducted a scheduled annual brush pickup in March of 2015.
 The division responded to related incident requests for service throughout town.

2016 Shade Tree Goal

Complete 2016 Windshield Survey.

Continue raising low trees branches along roads and sidewalks.

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Signs and Traffic Control:

2014 Regular hours- 341

2015 Regular hours- 222

35%- Decrease

2014 Overtime 2 hours

2015 Overtime 0 hours

100%- Decrease

Traffic Lines Painted

	2014	2014	2015	2015	
Line Striping	Length in Feet	Gallons of Paint	Length in feet	Gallons of Paint	
White	18,326	42	18,326	44	
Yellow	17,470	40	17,470	39	
Blue	1,100	5	1,100	5	

Traffic Lines Thermoplastic

Color	2014	2014	2014	2015	2015	2015	
	Length in feet						
	4" Lines	8" Crosswalks	12" Stop bars	4" Lines	8" Crosswalks	12" Stop bars	
White	471	1489			1,200	300	
			259				
Yellow	337			3260			

Completed Sign & Traffic Control Goals for 2015:

The Borough awarded Denville Line Striping Inc. the 2015 contract to apply thermoplastic traffic markings. The thermoplastic line striping program consisted of crosswalks, stop bars and yellow center lines.

Street sign poles were straightened throughout town.

The division processed numerous work orders regarding sign installation from the police department's traffic unit.

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Sign & Traffic Control Goals for 2016:

Street sign poles were straightened throughout town and replace faded signs
Straighten signs and replace faded or damaged signs in the center of town.

Recycling Center:

2014 Regular hours- 196 hours

2015 Regular hours-157 hours

19.8%- Decrease

2014 Overtime 177 hours

2015 Overtime hours 176.5

.2 %- Decrease

The Recycle Center fell under the direction of the Public Properties and Roads Department in 2015. The recycle center is opened Saturdays from 9 am to 12:00 pm. As part of the Borough Shared Services Programs, Morris County Utilities was awarded the Borough's "Recycling Collection Contract" for the weekly single stream curbside collection and the collection of material from the Borough's Recycling Center located on Summit Avenue.

2015 Utilities Division Year End Report

Mission Statement:

The primary responsibility of this Division is to supply the Borough of Chatham with the production, treatment, and storage of clean safe drinking water of the highest standards. The Division follows the standards set forth by the New Jersey Department of Environmental Protection, and the Federal Safe Drinking Water Act. Keep in mind that our primary goal is customer service to the residents of Chatham. This Division is also responsible for the sanitary sewer collection system. This system is mainly gravity to the Madison-Chatham Joint Meeting Wastewater Treatment Facility. There are three sewer lift station that are maintained by the division. Once the Wastewater is treated for contaminants it may be returned to the environment. The Division is also in charge of the maintenance of the Mulch Resource Recycling Area. The Mulch area receives the yearly collection of leaves from the fall collection services the Borough provides to the residents. Residents can drop off grass clippings and brush. They also can pick up processed leaf and wood mulch for gardening.

Water Plant, Treatment, and Distribution Systems:

**Regular Hours 2015 – 4240/ 4.38% Decrease
increase**

Overtime Hours – 535/ 38.96 %

Regular Hours 2014 – 4426

Overtime Hours – 385

Distribution System:

The division made the following upgrades and repairs to the water system infrastructure in 2015:

- Spring hydrant flushing took place, to clear sediment and tuberculation from the water mains due to age and the pumping process. In the fall all hydrants in the system received a new reflective spring loaded hydrant marker.
- (9) Lead or steel water services were replaced and (2) copper services repaired (Appendix A)
- (5) New services were added to the system (Appendix B)
- (16) Key box and curb stops were repaired (Appendix C)
- (10) Hydrants with service valves were replaced during the year (Appendix D).
- (5) Mueller fire hydrants were repaired, do to traffic accidents or worn parts (Appendix E).
- (52) Fire hydrants were painted with help from the Boy Scouts (Appendix F).
- (2) Major valves were replaced. (Appendix G)
- (2) Water main breaks (Appendix H)
- (3) Valve box were repaired and set to level (Appendix I)
- (152) Water meters were replaced or added during the year.
- (150) Orion transmitters were installed for the compatible water meters in the system.

- (801) Requests for utility mark outs were processed during the year.

2015 Goals Achieved:

1. Replacement of (10) Hydrants
2. Flushing of hydrants in spring only
3. Water Meter radio reading system Installations
4. Replacement of lead water services

Sewer Collection System:

Regular Hours 2015 – 677 /9.19% Increase
Increase

Overtime Hours – 47.5 / 75.9%

Regular Hours 2014 – 620

Overtime Hours – 27

Sanitary Sewer Collection System:

77,127 feet of sewer mains were cleaned during the year. This was an Increase from 2014, when 28,515 feet of mains were cleaned.

Sewer Emergencies:

(6) Backups were reported to the Division during the year. They were cleared with our Jet Truck.

Maintenance of Sewer Lift Stations:

Maintenance to the three lift stations were conducted during the year. This encompassed the regular pulling of the pumps at the Riverview Pump Station to clear debris from the intake impellers. Servicing of the standby generators, oil changes, oil and air filter replacements. Parrott Mill Lift Station had oil and filter changes to the compressors and belts changed.

2015 Goals Achieved:

1. Sewer Jetting of 77,127 feet of sewer mains
2. Sewer Pump Maintenance Conducted
3. Sewer Jet Maintenance

Mulch Area:

**Regular Hours 2015 –760/ 9.09%Decrease
Decrease**

Overtime Hours – 166/ 4.32%

Regular Hours 2014 – 836

Overtime Hours – 173.5

The year started off with the collection of Christmas trees picked up and hauled to Rotondi's transfer site. In March, a town wide brush collection was conducted. Leaf windrows were constructed from the fall leaf pick up program and turned during the year. The yearlong operations at the site saw the removal of grass and brush. Resident's requests for mulch and woodchip deliveries were processed.

Parks Activities:

In May, the Division was in charge of turning the water on to the bath house and inspecting the plumbing. The removal of stored equipment in the bath house was brought out and placed on the deck. In the fall the bath house plumbing was winterized and equipment stored. The Division also turned the water off and winterized the pipes. We removed water meters to all borough sports fields and pocket parks (Lum Ave Field, Post Office Plaza Hose bib, War Memorial Hose Bib, RR North Pocket Park, Farmers Market Shed, Community Garden, Shepard Kollock Field, and Bicentennial Park Hose Bib). The Division also took care of running the irrigation system and making repairs to the systems at Shepard Kollock Park and Lum fields throughout the summer months.

Appendix A

Water Service Replacements & Repairs

Date	Address	Type
4/15/15	Water service Lum Ave corner house on Front and Lum Ave	¾ copper replaced 2' section
4/16/15	20 Weston Ave	New ¾ copper Service
4/25/15	135 Watchung Ave	New ¾ water service
5/20/15	49 N Summit Ave	Replace leak Lead Water service
7/22/15	34 Weston Ave	Replace water service
7/27/15	548 Main St	Replace leaky steal service
8/4/15	1 Dempster Rd	Replaced ¾ service with 1" service
9/3/15	86 Fairmount Ave	Repair water service hit by contractor
12/4/15	287 Main St	Replace leaky steel service

Appendix B

New Water Service Installed

Date	Address	Size
1/15/15	17 Oak Dr	New 1" Service installed
5/20/15	49 Summit Ave (A)	New 1" Service Installed
5/20/15	49 Summit Ave (B)	New 1" Service Installed
5/21/15	51 Summit Ave	New 1" Service Installed
9/15/15	247 Fairmount Ave	New 1 ½ " Service Installed

Appendix C

Key Box & Curb Stop Repairs

Date	Address	Type
1/22/15	28 Meadowbrook Rd	Dig And Repair Curb Stop Installed New Key Box
3/18/15	54 Parrott Mill Rd	Dig And Replace Key Box
3/19/15	12 Inwood Rd	Dig Repair and Install New Key Box
3/23/15	124 N Passaic Ave	Repair Lid Installed
3/24/15	144 Watchung Ave	Repair Lid And Extension
3/30/15	139 Hillside Ave	Repair Lid Installed
4/1/15	19 Tallmadge Ave	Dig and replace curb stop and key box
4/14/15	7 Bartow LN	Dig and rese key box
6/5/15	46 Meadowbrook Rd	New curb stop and key box
5/27/15	64 Weston Ave	Dig and Repair
5/28/15	14 Cherry LN	Set New Key box
6/11/15	21 Kimball St	Dig Reset Key Box
7/27/15	12 Milton Ave	Dig And install new curb stop
10/21/15	21 John St	Dig and repair curb stop
12/3/15	82 Main St	Dig and install new curb stop
12/17/15	10 Highland Ave	Lowered key box

Appendix D

Hydrant Replacements

Date	Address	Type
4/30/15	217 Washington Ave	Replace Darling hydrant
5/4/15	14 Highland Ave	Replace broken Eddy hydrant
6/4/15	20 Weston Ave	Replace old 2 spud
6/17/15	173 Fairmount Ave	Replaced Darling hydrant
6/24/15	118 N Hillside	Replace broken Eddy hydrant
6/30/15	18 Inwood RD	Replace broken Eddy hydrant
7/8/15	84 Kings Road	Replaced broken Eddy hydrant
7/16//15	142 Center St	Replaced old 2 spud eddy
8/12/15	10 Edgewood Rd	Replace Eddie hydrant
9/28/15	Weston Ave and Hedges Ave	Replaced Darling hydrant

Appendix E

Hydrant Repairs

Date	Address	Type
5/5/15	Weston Ave and Elmwood Rd	Repair hydrant Safety flange
3/11/15	Fairmount Ave and RR North lot	Repaired hydrant hit by plow
6/10/15	N Passaic Ave and Main St	Repaired hydrant hit by truck
9/15/15	Chandler Rd repaired hydrant	Broken coupler and new main valve kit
9/7/15	Chatham Middle School lot	Blown out gasket

Appendix F

Hydrant Painting

Date	Address	Total Painted
4/22/15	Division Ave / 90 Woodland Rd/ Borough Hall/ 49 Fuller Ave	Total of 4 hydrants
5/29/15	Back Commerce St and In front of library	Total 2 hydrants
5/23/15	Main Street from N Passaic Ave to Van Doren Ave	Total of 9 hydrants By Boy scouts
7/1/15	Lower Fairmount Ave /Washington Ave and Main St/Dempster and Hillside Ave /Chatham Middle School entrance / Lower Hillside Ave	Total of 9 hydrants done by boy scouts
7/10/15	Main St to Division Ave /Fairmount Ave and Red Rd	Total of 4 (Boy scouts)
7/16/15	Main st to Parrott Mill Rd / all of Parrott Mill / Henderson Rd / Tallmadge Ave	Total Of 12 completed (Boy Scouts
10/31/15	5 Elmwood (Main St to Milton Ave) 2 On Milton Ave / 5 on Center St (Main St to Milton Ave)	Total of 12 completed By Boy Scouts

Appendix G

Valve Replacements & Repairs

Date	Address	Type
3/25/15	Rose Terr and Penn Terr	Replaced 8" Valve Used Valve And Cut in Sleeve
7/13/15	Kings Road	Replaced Insides of 6" Valve

Appendix H

Water Main Breaks & Repairs

Date	Address	Type
3/26/15	Ogden St	8" Water main repaired Used 30" piece Of Main And 2 8" hymax coupling
4/6/15	Summit Ave Recycle center	8" Main Repaired Used 5' 8" main And 2 Hymax Couplings

Appendix I

Valve Box Repairs

Date	Address	Type
4/28/15	Greenwood Ave And Washington Ave	2" Riser And Lid Installed
6/16/15	173 Fairmount Ave	Installed 2" Riser
6/16/15	118 N Hillside Ave	Installed 1" Riser

Borough of Chatham
Department of Public Works
Fleet maintenance
2015 Yearly Report

Mission Statement:

This Division's primary responsibilities include preventive maintenance, scheduling, service and repair of vehicles and equipment used by the Police, Fire and Public Works Departments in the most effective and cost efficient manner possible. Secondary responsibilities include making repairs to water plant equipment, well houses and sewer lift stations and participation in ice and snow removal and leaf collection as necessary.

Police Department:

Police Vehicles

- 5- Marked units
- 2- Unmarked units
- 3- Sport utility vehicles
- 2- Parking meter SUV
- 1- Pickup truck

Public Works Department:

This Division purchased a new pickup truck with power lift gate and plow that replaced a 15 year old model. Purchased a self propelled stump grinder. Purchased a hot box for asphalt patching, the box holds 4 tons of hot asphalt and is self heated to be able to keep longer. It will recycle old millings and chunks overnight to reuse on roads. Saving cost to Borough of new material and disposal of old material. We purchased 2 snow push boxes for use on parking lots with loaders. We had a new service body installed on a 10 yr old pickup truck.

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Public Works Vehicles

- 4- Pickup Trucks
- 7- Dump Trucks
- 1- Hook loader truck with 4 bodies
- 4- Mason Dump Trucks
- 2- Utility Service Trucks
- 1- Street Sweeper
- 2- Front End Loaders
- 2- Backhoes
- 1- Skid Steer Loader
- 1- Sewer Jet/Vacuum
- 1- Packer Truck
- 1- Sewer camera Van
- 1- Material Separator
- 1- Sport utility Vehicle
- 4- Leaf vacuums

This Division also services another one hundred and two (102) pieces of equipment.

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Fire Department:

The division will be performing preventive maintenance on the Chief's vehicle, fire inspector's vehicle and the department's pickup truck every 3000 miles. We will perform any emergency repairs needed to keep the fleet up and running at all times.

Fire Department Vehicles

- 3- Pumpers
- 1- Aerial Ladder truck
- 1- Rescue Truck
- 1- Pickup Truck
- 1- Sport Utility Vehicle
- 1- Inspectors car

2015 Goals:

1. To purchase a new vehicle scanner for medium and heavy trucks.

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 Fleet maintenance
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Police dept

<u>Unit #</u>	<u>Description</u>	<u>Cost 2014</u>	<u>Cost 2015</u>	<u>% + -</u>
#16	2011 Ford Explorer	\$1,384.20	\$684.10	50.58-
#17	2014 Dodge Pickup Truck	\$108.63	\$232.24	53.22+
#18	2010 Ford Crown Victoria	\$2,559.83	\$317.22	93.53-
#19	2011 Ford Crown Victoria	\$2,397.65	\$1,101.22	54.07-
#20	2016 Ford Expedition	New	New	
#21	2013 Ford police Interceptor	\$848.08	\$1,111.62	31.07+
#22	2013 Ford police Interceptor	\$906.11	\$368.99	59.28-
#23	2016 Ford Interceptor SUV	New	New	
#24	2012 Jeep Liberty	\$105.63	\$106.65	0.96
#25	2012 Ford Explorer	\$687.43	\$939.19	36.62+
#26	2008 Ford crown Victoria	\$2,206.23	\$639.65	71.00-
#27	2008 Dodge Durango	\$1,533.41	\$932.70	39.17-
#28	2004 Dodge Durango	\$763.58	\$168.97	80.73-
#29	2013 Ford police Interceptor	<u>\$352.87</u>	<u>\$510.81</u>	<u>44.77+</u>
	Total	\$14,143.79	\$7113.36	49.71-



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<u>Unit #</u>	<u>Description</u>	<u>Cost 2014</u>	<u>Cost 2015</u>	<u>% + -</u>
M-1	2004 Ford F-350 Service Truck	\$1,023.03	\$883.82	13.60-
PU #1	2009 Ford F-350 Pick Up Truck	\$1,461.80	\$1,138.06	22.14-
PU #2	2001 Ford F-250 Pick Up Truck	\$712.17	\$935.76	31.39+
PU #4	2001 Ford F-250 Pick Up Truck New		\$395.00	
W-1	2006 Ford F-550 Service Truck	\$6,830.36	\$848.46	87.58-
W-2	2004 Ford F-350 Pick Up Truck	\$571.70	\$458.36	19.83-
T-1	2012 International 7400 Dump Truck	\$363.39	\$327.77	9.80-
T-2	2009 International 7400 Dump Truck	\$2,492.11	\$1,742.34	30.08-
T-5	2005 International 7400 Dump Truck	\$1,039.32	\$1,151.61	10.80+
T-6	2007 GMC C8500 Dump Truck	\$4,589.47	\$1,011.74	77.96-
T-7	2007 International 7400 Dump Truck	\$881.89	\$1,353.84	53.52+
T-8	2003 GMC C7500 Bucket Truck	\$621.38	\$4,563.28	634.37+
T-9	2003 GMC C8500 Dump Truck	\$2,137.12	\$828.63	61.22+
T-10	2004 GMC C8500 Dump Truck	\$1,875.14	\$1,000.52	46.64-
T-11	2008 Ford F-550 Dump Truck	\$691.95	\$3,350.28	384.17+
T-12	2004 GMC C8500 Dump Truck	\$416.42	\$493.56	18.52+
T-14	2005 GMC C4500 Dump Truck	\$13,459.59	\$3,191.43	762.89
T-15	2011 Ford F-550 Dump Truck	\$617.06	\$1,714.02	177.78+
T-16	2015 Ford F-550 Dump Truck New		\$156.29	
Total		\$40,428.09	\$25,544.77	368.14-



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<u>Unit #</u>	<u>Description</u>	<u>Cost 2014</u>	<u>Cost 2015</u>	<u>% +/-</u>
#34	2004 International Sewer Jet	\$2,024.64	\$1,318.35	34.88-
#35	2002 John Deere Backhoe	\$5,824.20	\$1,018.17	82.52-
#36	2002 Case Front End Loader	\$1,298.84	\$998.63	23.11-
#37	2004 John Deere Front End Loader	\$2,141.05	\$154.84	92.77-
#38	2005 John Deere Backhoe	\$779.66	\$1,619.85	107.76+
#42	2006 Elgin Street Sweeper	\$2,541.56	\$3,538.69	39.23+
#44	2002 Gehl Skid Steer	\$1,321.96	\$7,174.27	442.70+
Total		\$15,931.91	\$15,819.80	.70-



Borough of Chatham
 Department of Public Works
 Fleet maintenance
 2015 Yearly Report

<u>Unit #</u>	<u>Description</u>	<u>Cost 2014</u>	<u>Cost 2015</u>	<u>% + -</u>
LV #1	2008 ODB Leaf vacuum	\$2,119.75	\$2,342.23	10.49+
LV #2	2008 ODB Leaf vacuum	\$1,720.99	\$1,956.43	13.68+
LV #3	2004 ODB Leaf vacuum	New	1983.62	
LV #4	2012 ODB Leaf vacuum	<u>\$2,159.18</u>	<u>\$1,388.50</u>	<u>35.69-</u>
	Total	\$5,999.92	\$7670.78	27.84+

