

Borough of Chatham
 Department of Public Works
 2008 Annual Report

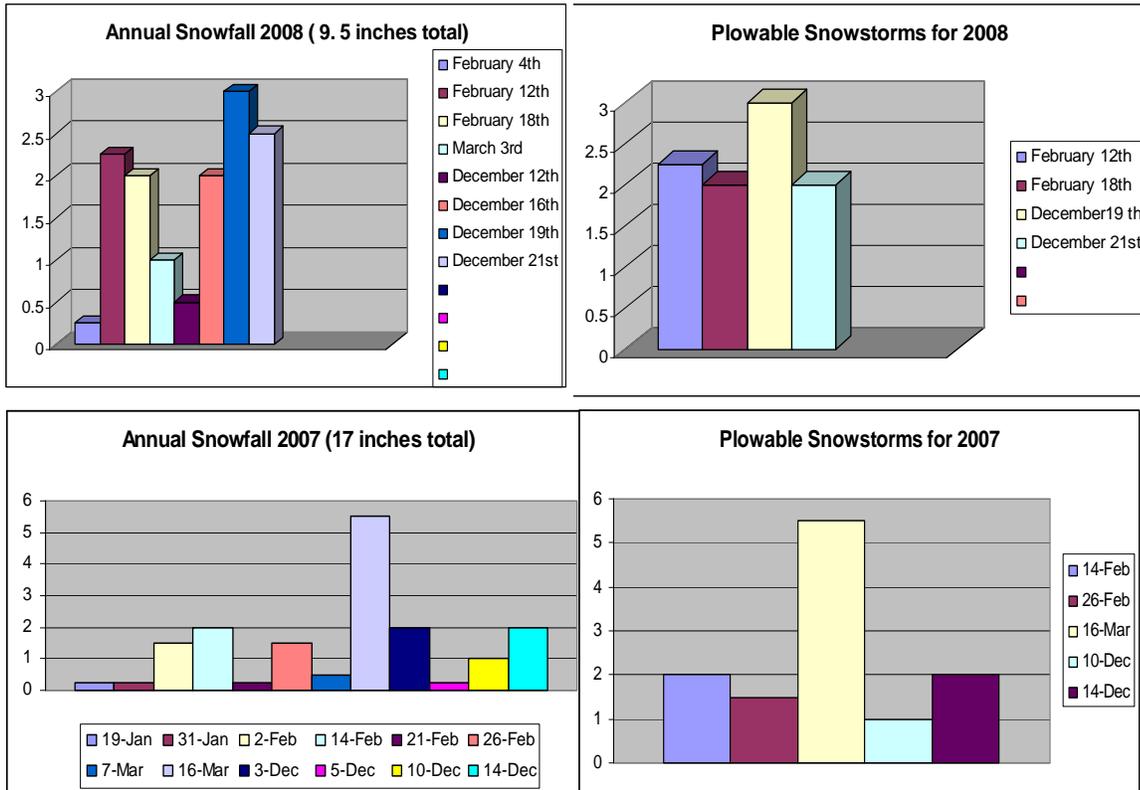
Public Property and Roads: (regular hours 18,437 / 697 hours overtime)

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 season of 2008 was relatively mild and temperatures remained above normal. The snow season consisted of eight (8) minor snow events. Four (4) storms required plowing or pushing back to prevent the slush from freezing, and the remaining four (4) were treated with deicing material. The only substantial storm of the season occurred on December 19, 2008 with a total accumulation of 3 inches. The comparison charts below give a contrast between the 2007 and 2008 seasons.



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Road Maintenance: (regular hours 5942 / 657 hours overtime)

The division's annual town wide pothole repair program continued during the winter months. Approximately four (4) tons of cold asphalt mix was used to make temporary repairs to Borough streets.

Permanent road repairs began in early May and continued through mid - October. The division processed twenty three (23) resident generated incident requests and repaired a total of twenty-two (22) water ditches and paved one (1) sewer ditch. They also prepared several roads for the 2008 Micro-Surfacing Program. The 2008 road repair program required 234 tons of asphalt to make all necessary repairs listed above.

As part of the continuing drainage improvement projects, the Borough Engineer developed a plan to correct the icing problems on the west side of Fuller Circle. Under the direction of Vince DeNave; Tom Paris, Leo Pietrantuono, Pete Atkinson , Jamie Bronco, Joe Zbesko and Mike Kliesch excavated a four hundred fifty foot (450') long trench along the west side curb from house #50 to #64. They tapped into an existing catch basin in front of #64 and installed four hundred fifty feet (450') of storm sewer pipe and built three (3) catch basins. All private leader pipes and sump pumps were connected to the system at the curb. The area was backfilled and paved once the ditch settled.



2008 Road Capital Improvements:

The following roads were overlaid in 2008

1. South Passaic Avenue from Second Street to dead end
2. Chandler from Fairmount to Washington Avenue.
3. Burgess Street
4. Garden Avenue
5. Woodland Avenue
6. Elmwood Avenue from Main Street to Weston Avenue

2009 Road Capital Projects

1. Van Doren Avenue
2. Washington Avenue from Chandler to Longwood Avenue

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Micro- Surfacing: (2008 total -9,522square yards)

After necessary road repairs; the following Streets were Micro-Surfaced by Asphalt Paving Systems on July 29, 2008.

Street	Limits	Square Yards
Vincent Street	Entire Length	3,400
Overlook Road	Entire Length	999
Greenwood Avenue	Entire Length	1305
Harvard Street	North Passaic to North Hillside Avenue	833
Red Road	Hillside Avenue to dead end	1968
Dempster Avenue	Entire Length	1017



Road Division Goal for 2008:

Improve the quality of maintenance to Borough secondary roads.

- ❖ Change the present sealcoat product to a micro-surfacing which is more durable and does not bleed during hot days.

The 2008 goal was successfully completed. Several roads were micro-surfaced this year and are holding up well.

Road Division Goal for 2009:

Incorporate additional roads in this year's program.

Grounds Maintenance:

Mild weather during the winter months and an early spring played a factor in this year's ability to keep up with outdoor property maintenance schedules. The usual spring cleanups and mulching of beds were completed in a timely fashion. Routine maintenance of lawns began in mid April and concluded in early November. Dave's Lawn Care Inc, of Chatham, New Jersey, was awarded the grass maintenance contract for the 2008 season.

The fall was relatively colder than last year and the majority of leaves fell in early November. The division was able to perform fall clean ups of the Firehouse, Library and Borough Hall. The remaining fall clean ups will be completed in 2009.

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Ground Maintenance Goal 2008:

Concentrate on improving the quality of turf at Borough Hall, Firehouse and Library.

- ❖ Top-dress damaged turf areas, aerate, seed and treat weeds

The turf areas at Borough Hall were aerated & seeded during the spring. A treatment to kill weeds was also applied.

Grounds Maintenance 2009 Goal:

This year the division will be incorporating 21 areas of lawn previously contracted out into the weekly maintenance cutting schedule.

Recreation:

The division supported recreation programs throughout the spring, summer and fall months. This included daily or weekly maintenance of baseball, soccer, lacrosse and football fields. In addition, the division painted temporary lines for soccer, football and lacrosse on the Borough's artificial turf field at Lum.

The Public Works Department continued with daily ball diamond maintenance on two Board of Education fields located at Milton Avenue. In addition, the division added clay to the ball diamond at Hass Field and maintained it for several games during the latter part of the season.

During the fall months, the division formed and poured two large concrete slabs behind the backstop on either side of the ball diamond located at Lum Avenue -North. This created two safe and level areas behind either side of the backstop for the installation of benches and bleachers.

Mike Kliesch and Al Renzulli also replaced the existing footbridge leading to the tennis courts at Garden Park.

2008 Recreation Goal:

Improve the quality of turf at Memorial, Lum and Shepard Kollock

- ❖ Borrow Equipment from Summit or Chatham Township
- ❖ Top-dress worn areas seed and hay
- ❖ Aerate the entire field and over seed areas
- ❖ Apply fertilizer, lime, and weed control

The division was able to make some quality improvements to the turf areas listed above. It was difficult sharing equipment with other towns due to the limited window of opportunity and weather conditions.

2009 Recreation Goal

Install player benches and bleachers behind backstop at Lum Avenue north ball diamond.

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Leaf collection:

The program began on Tuesday, October 14, 2008. With colder temperatures and early frost, the leaves fell on time. The department's curbside leaf vacuum program ended on December 8, 2008. The trucks used for curbside leaf collection were then prepared for plowing and deicing.

	Vacuum/ Claw	Man-hours	# Brown Bags	Man-hours	Landscapers
2008	4,100	1,869	18,545	361	1,916 Cu/yd
2007	3,640	1,645.5	19,327	327	1,789 Cu/yd
2006	4,181 Cu/Yd	1,671	20,000	340	2,446 Cu/yd

2009 Leaf Collection Goal:

Improve the present leaf collection program

This year we will begin leaf collection at a later date. Each zones with have its own crew operating continuously through the collection season.

Building Maintenance:

During the winter months, Mike Kliesch and Carlos Tobon made changes to the existing service counter located in the Administrator's secretary's office. The adjustment allowed additional space for storage and a service counter area for the Engineer.

Light bulbs throughout Borough Hall were periodically replaced as needed. Over the course of the year all windows at Borough Hall were cleaned.

The 2008 Goals for building maintenance were also met. The north and south side stairwells at Borough Hall received a fresh coat of paint and the second floor bathroom at Fire Headquarters was also painted, as well as, repairs to the room's ceiling damaged by a roof leak.

2009 Building Maintenance Goal:

- ❖ Paint the hallway leading to the Commons Room at the Firehouse and strip and wax floors in the hallways and bathrooms
- ❖ Paint the main office at Public Works
- ❖ Build a wall and counter top in the Clerk's office

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Shade Tree: (119 regular hours)

The division conducted a scheduled annual brush pickup in March of 2008.

	2008	2007
Shade Tree Requests	277	221
Pruned In House	93	105
Removed In House	64	72
Trees Contracted Pruning	14	22
Trees Contracted for Removal	8	8
Trees Removed by JCP&L	18	11
Trees Pruned By JCP&L	0	3
Stumps Ground	80	73
Trees Planted for Shade Tree	0	0
Trees raised along roads Zone 2 & 3 in addition to requests	72	242

2009 Shade Tree Goals for:

1. Prune and raise trees along roads in zone 1.

Signs and Traffic Control: (332 regular hours)

Painted Lines

	2008	2008	2007	2007
Line Striping	Length in Feet	Gallons of Paint	Length in feet	Gallons of Paint
White	16,550	36	18,550	42
Yellow	17,820	38	17,670	40
Blue	175	1	1,100	5.0

Thermoplastic lines

Color	2008	2008	2008	2007	2007	2007
	Length in feet					
	4" Lines	8" Crosswalks	12" Stop bars	4" Lines	8" Crosswalks	12" Stop bars
White		1135	270		1607	229
Yellow	2774			1585		

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Completed Sign & Traffic Control Goals for 2008:

The Borough awarded Denville Line Striping Inc. the 2008 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 through out town.

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