

Borough of Chatham  
Department of Public Works  
2009 Annual Report

**Public Property and Roads: (regular hours 18,437 / 825.5 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 2009 was relatively mild and temperatures remained above normal. The snow season consisted of 10 (10) minor snow events. Seven (7) storms required plowing or pushing back to prevent the slush from freezing, and the remaining three (3) storms were treated with deicing material. A total of 25.5 inches of snow fell the entire season.

**Road Maintenance: (regular hours 5,942 / 797.5 hours overtime)**

The division's annual town wide pothole repair program continued during the winter months. Approximately three (3) tons of cold asphalt mix was used to make temporary repairs to Borough streets.

Permanent road repairs began in mid March and continued through early October. The division processed twenty-six (26) resident generated incident requests and repaired a total of nineteen (19) water ditches. They also prepared several roads for the 2009 Micro-Surfacing Program. The 2009 road repair program required 371 tons of asphalt to make all necessary repairs listed above.

As part of the continuing drainage improvement projects, Leo Pietrantuono, Vito Milano and Edison Campo excavated a sixty-five foot (65') long trench along the east side curb in front of # 14 John Street . They tapped into an existing catch basin and installed sixty-five feet (65') of six inch (6") diameter drainage pipe. An existing private leader and sump pump were connected to the system at the curb. The area was backfilled and paved once the ditch settled.



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**2009 Road Capital Improvements:**

The following roads were overlaid in 2009

1. Garden Place
2. Regina Court
3. Lindsay Court
4. Jessica Court
5. Fern Avenue
6. Tallmadge Avenue
7. Minton Avenue
8. Myrtle Avenue
9. Summit Avenue from Fern Avenue to Main Street

**2009 Completed Road Capital Projects**

1. Van Doren Avenue - Curbing was installed and the road was paved.
2. Washington Avenue from Chandler to Longwood Avenue - Drainage improvements were made, new belgium block curbing was installed and the area was paved.

**2010 Road Capital Project**

1. **Hillside Avenue - from Maple Street to Township border.**

**Micro- Surfacing: (2009 total -23,245 square yards)**

After necessary road repairs; the following Streets were Micro-Surfaced by Asphalt Paving Systems on July 30, 2009.

<b>Street</b>	<b>Limits</b>	<b>Square Yards</b>
Cornell Place	Entire Length	<b>1560</b>
Dunbar Street	Entire Length	<b>5049</b>
John Street	Entire Length	<b>2581</b>
Lincoln Avenue	From Chatham Street to and including the Cul- de sac	<b>3306</b>
Cherry Lane	Entire Length	<b>2423</b>
Fuller Circle	Entire Length from Red Road	<b>3590</b>
Chandler Road	From Washington Avenue to Lafayette Avenue	<b>3141</b>
Ogden Street	Entire Length	<b>1595</b>

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**Road Division Goal for 2009:**

**Incorporate additional roads in this year's program.**

The division goal was met this year. Micro-Paving square yardage totals were increased from 9,522 (2008) to 23,245 (2009).

**Grounds Maintenance:**

The division continued on track with the spring cleanups and mulching of beds during the season. Routine lawn maintenance began in mid April and concluded in mid October. This year the division incorporating 21 areas of lawn previously contracted out into the weekly maintenance cutting schedule. Even with a relatively mild wet summer the division managed to maintain the entire grass cutting schedule. Fall cleanups of the Borough Properties will occur during the winter months of 2010.

**Grounds Maintenance 2010 Goal:**

**Raise trees located in parks**

**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 also continued with daily ball diamond maintenance on Board of Education fields located at Milton Avenue and Washington Avenue Schools.

**2009 Recreation Goal**

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

- ❖ The benches and bleachers were installed in March of 2009.

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**Leaf collection:**

Several changes occurred to the curbside leaf collection program this year. First the curbside leaf collection program began two weeks later. The Borough eliminated the leaf bag collection program. And each of the three zones had its own vacuum and crew working continuously. The program began on October 26, 2009 and concluded on December 8, 2009. Including the landscapers totals, 7,529 cubic yards was collected in 23 working days. On average, the collection rate was 328 cubic yards a day. The new program was very successful.

**2010 Leaf Collection Goal:**

**Improve the present leaf collection program - zone 1**

- ❖ **Begin picking up leaves one week earlier in that zone with all 3 crews.**

**Building Maintenance:**

During the winter months, the Commons Room hallway, Public Works lunchroom and offices received a fresh coat of paint. In addition, the floors were striped and seal. Mike Kliesch and Vito Milano installed new moldings on the third floor hallway walls to hang pictures. They also built and installed a counter top in the Clerk's office. Light bulbs throughout Borough Hall were periodically replaced as needed.

**2010 Building Maintenance Goal:**

- ❖ **Paint the main hallway entrance to Borough Hall.**

**Shade Tree: (2339 regular hours)**

The division conducted a scheduled annual brush pickup in March of 2009.

	<b>2009</b>	<b>2008</b>
Shade Tree Requests	<b>186</b>	<b>277</b>
Pruned In House	<b>105</b>	<b>93</b>
Removed In House	<b>39</b>	<b>64</b>
Trees Contracted Pruning	<b>14</b>	<b>14</b>
Trees Contracted for Removal	<b>11</b>	<b>8</b>
Trees Removed by JCP&L	<b>15</b>	<b>18</b>
Trees Pruned By JCP&L	<b>2</b>	<b>0</b>
Stumps Ground	<b>52</b>	<b>80</b>
Trees Planted for Shade Tree	<b>0</b>	<b>0</b>

**2010 Shade Tree Goals for:**

- ❖ **Complete raising trees along roads in zone 1.**

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**Signs and Traffic Control: (445 regular hours)**

**Painted Lines**

	2009	2009	2008	2008
Line Striping	Length in Feet	Gallons of Paint	Length in feet	Gallons of Paint
White	18,326	42	16,550	36
Yellow	17,470	40	17,820	38
Blue	1,100	5	175	1

**Thermoplastic lines**

Color	2009	2009	2009	2008	2008	2008
	Length in feet					
	4" Lines	8" Crosswalks	12" Stop bars	4" Lines	8" Crosswalks	12" Stop bars
White		1096	220		1135	270
Yellow	2774			1585		



**Completed Sign & Traffic Control Goals for 2009:**

The Borough awarded Denville Line Striping Inc. the 2009 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