

**CITY OF DANBURY**  
**DEPARTMENT OF PUBLIC WORKS**



**155 DEER HILL AVENUE**  
**DANBURY, CONNECTICUT 06810**  
**(203) 797-4537 FAX (203) 796-1586**

**MAYOR**  
**Honorable Mark D. Boughton**

**PUBLIC WORKS DIRECTOR**  
**Antonio Iadarola, P.E.**

October 28, 2008

Honorable Mayor Mark D. Boughton  
Honorable Members of the Danbury Common Council  
155 Deer Hill Avenue  
Danbury, CT 06810

RE: Monthly Report for September 2008

Dear Mayor Boughton and Members of the Common Council:

I am pleased to present to you the Public Works Department report for the month of September.

The Public Works Department assisted with the Household Hazardous Waste Program, which enabled Danbury residents to dispose of hazardous waste in a safe and environmentally sound manner. This year's collection, held in late September, was once again very successful with 671 households served.

The crews have commenced winter preparations. The parks and sprayscapes have been closed and winterized for the season. The Equipment Maintenance Division is working on the maintenance of all of our snowplowing and de-icing equipment. All drop-in sanders will be fully serviced and operational.

The Forestry Division has started to cut back the plowing routes to remove any low tree limbs in an effort to safeguard against damage to truck antennas, mirrors, strobes and windshields.

The Parks Maintenance and Highway Divisions are gearing-up for the leaf collection program, which will start in October. The Highway Division continues with all of the in-house drainage projects related to locations with recurring icing issues. We will continue to execute these projects as long as the weather allows or the funds have been exhausted.

As you will see from their reports, all divisions in Public Works are working on many projects. Overall, we strive to serve the public and the concerns that the Mayor's Office and individual Common Council members bring to us, while also performing our infrastructure maintenance and new construction.

Should you have any questions regarding this report or any of the separately submitted division reports, please call me at 797-4537.

**Construction Services report submitted by Thomas H. Hughes III, Superintendent of Construction Services:**

Danbury High School Building D Sprinklers – The contract was awarded to M. J. Daly and began on June 23, 2008. It is being administered in-house by the Construction Services Division. The Sprinkler work was completed on 8/23/08. The existing elevator in D wing required repair and several replacement parts and was certified by the State Department of Public Safety on Thursday 9/11/08. The project was completed 2 ½ weeks early, within budget and with no change orders.

Local Bridges

- Rose Hill Bridge

The bridge was opened to traffic on 9/10/08 at 2:00 PM marking substantial completion. There are several small items to finish and cosmetic work, along with site clean up remaining as open items.

- Padanaram Road Bridge over East Lake

The bridge project has been completed and opened to traffic.

- Padanaram Road Bridge over Margerie Brook

We expect to complete the bridge project in the early part of November. The bridge structure has been set and the contractor is continuing to move forward starting the wing wall construction.

The project is being administered by the Construction Services Division and is on track.

White Street Streetscape – The contractor has completed 95% of the entire construction on the north and south sides of White Street. In conjunction with the Planning Department, we have extended the project into the Phase II portion of the design. The contractor's bid came in approximately \$270,000 under the estimate and the second bidder. This has allowed the City to increase the project limits and the contractor has agreed to hold their unit prices. The contractor has begun working on Phase II of the streetscape north west of the railroad tracks.

Kenosia Spray Park – We met with the Public Utilities consultant, LGB, and forwarded information for the change of use permit required by the State Department of Health due to the proximity of the drinking water wells. We continue to work with LGB and have answered all the State Department of Health's comments. We are awaiting the approval from the State Department of Health. The spray park equipment has been delivered. Once we receive the approval, we will proceed with construction.

Rogers Park Soccer Fields – Construction Services has developed a quote for the site work labor utilizing our City Bid List. We are in the process of estimating the soil disposal cost for the

impacted non – hazardous material for the Rogers Park Field. We have submitted the preliminary maps and plans for Planning and Zoning approval. The preliminary design work was done in-house by the Engineering Division, in conjunction with Construction Services and JJA Sports, our designer.

Danbury High School Courtyard – The repair of the entire courtyard between Buildings C and D was completed prior to the opening of school. Construction Services is administrating the project using our City Bid lists. The project included ADA concrete ramps, railings, drainage, paving, landscaping and stamping of the asphalt. The stamping included the DHS logo selected by the School Administration

Danbury High School ADA & Egress - The following items have been completed: additional egress doors Vestibule B main entrance; ADA seating visitors stand DHS stadium; and ADA walkway to the women’s J.V. softball field. We have been coordinating with the BOE, assessing door hardware and rails which they have committed to replacing. The Engineering Division has hired an architect from our on-call consultants. Construction Services walked through the DHS with our on-call Architect and are awaiting his report. From there, Construction Services will move forward with implementing and general contracting the compliance project from our City bid list and necessary vendors through quotes, which will reduce costs to the City.

Cottage Street Sidewalk Improvements – The project was awarded to Colona Construction of West Haven. The project has been completed and we were able to all-phase of the project. The project construction was administrated by Construction Services and completed within budget and on schedule. The project is funded by CDGB, and will be administrated by Construction Services.

Danbury High School Hall of Fame – We met with Jim Blansfield and will be reviewing the plans developed by the organization. Once the plans have been reviewed, the scope of work can be determined. The first phase will be the construction of the new trophy case. We are awaiting several revisions to the plans from the architect and construction documents.

Tarrywile Dam – The dam repair, along with the cap repairs, have been completed. The spillway is under formation and the concrete is scheduled to be poured Monday, 9/29/08, weather permitting. Tarrywile Park Authority was notified on 9/22/08 that we no longer require the pond to be drawn down. This work was required by DEP.

Should you have any questions regarding this report or any issues related to the Construction Services Division, please feel free to call me at 796-8069.

**Engineering report submitted by Farid L. Khouri, P.E., City Engineer:**

Assessment Projects: The mail survey for the Short Street and Lombardi Street area sanitary sewer project has been mailed out, and the responses have been received. A report summarizing the vote will be sent to the Common Council in November. The design for the Tilden Road/Olive Street area sanitary sewer project is 95% complete. We have discussed an alternative route for the storm drainage through private property to Federal Road with the design engineers. We will be finalizing the storm drainage design proposal in November with our design engineers.

Preliminary re-design drawings for the Cornell Hills sanitary sewer and water project have been reviewed. The surveyor is working on final easement descriptions. We met with the design engineer in the field to discuss construction/access issues during construction. The design engineer is working on a revised estimate for the project which will address final surface pavement restoration and logistics. We are working on completing the punch list for the Carolyn Avenue sanitary sewer project. We have also started gathering information on various sanitary sewer assessment projects.

Roberts Avenue Replacement School Project: Site contractor is re-grading the parking lot and installing storm drainage lines and structures. Paving is anticipated to take place before the end of the paving season. All steel structures have been erected. Interior wall framing and sheet rock, rough plumbing, heating, electrical, and sprinkler are proceeding. Interior CMU masonry is 75% complete, and exterior masonry and stone has started along with exterior siding and brick veneer. Asphalt roof shingles have been installed.

Police Department Headquarters Project: Exterior framing is complete; interior plumbing, heating and cooling and electrical are 85% complete, interior framing is 90% complete; site work (exclusive of paving) is 90% complete; exterior masonry is 85% complete; interior masonry is 80% complete; roofing is complete; 90% of the windows have been installed; the parking deck is complete; curbing along East Franklin Street is 75% complete. Some sections of the parking lot has binder course of paving. Drywall has started on the main floor.

Bids were opened on the Tarrywile Maintenance Garage. We are reviewing the bids against the current budget.

The Traffic Engineer and two Traffic Engineering Technicians are involved in the on-going repair, maintenance and enhancement of a variety of devices including traffic signal controls, installation and maintenance of traffic pavement markings (including school facilities), collection and analysis of data and monitoring of traffic operations during peak travel hours. On a regular basis, the Traffic Engineer is involved in the review and approval of land-use developments and the handling of public requests relative to traffic operations and safety. The division is currently working on improvement of the intersection of Germantown Road and Osborne Street as well as updating of traffic signal coordination for intersections.

Staff Engineers review various site plans, water and sewer applications, special exception applications, and subdivision applications for land-use approval of ongoing development projects throughout the City. In addition, field inspection is performed regularly for these developments. Our survey crew is preparing easement maps for the Ives Trail at Route 7/Starrs Plain Road, Terra Haute and at the Old Post Road. They are also preparing maps for improvement of the Kennedy Park area and drainage easement maps at Garfield Avenue and Shelter Rock Road.

The department is working on various consultants' contracts for replacing the roof structure at Park Avenue School, Kennedy Park area, Beautification of Main Street and Streetscape enhancement to the downtown area.

Should you have any questions regarding this report or any other issues related to your Engineering Division, please do not hesitate to contact me at 797-4641.

**Forestry report submitted by Mark Miller, Foreman of Forestry Department:**

The Forestry Department spent six days removing and pruning trees on Joe's Hill Road in preparation for the drainage project scheduled by the Highway Department. Pruning and trimming was also done on Ives Street for the Taste of Danbury event and on Rockwood Road for drainage repair. The crew was dispatched to the East Franklin Street Bridge to remove debris and a large oak tree was removed from the spillway at the lower Kenosia Street reservoir. Pruning and/or removal of dead trees was also done at 13 Cedar St., Driftway Point Road, Middle River Road, 104 and 106 Hayestown Avenue, 18 Pleasant St. Moss Avenue and First Street. A street pruning project was also commenced on Ohehyahtah Place.

The Forestry Department responded to the following tree calls: West King Street, Birch Road, East Starrs Plain Road, Kohanza Street, East Pembroke Road, Main Street and Old Post Road.

Please contact me at 797-4609 if you should have any questions. Thank you.

**Highway report submitted by Duke Hart, Superintendent of Public Services:**

During the month of September, the Highway Department continued to focus on drainage projects. New drainage was installed on Dogwood Drive, Joe's Hill Road, Southview Avenue and Miry Brook Road.

New street signs were installed at fifteen (15) locations in September, with twenty-nine (29) signs and twenty-one (21) new sign posts. Our downtown garbage truck picks up trash in the City Center area on a daily basis, and polices the City streets for debris and dead animals. We continue to sweep our streets with one sweeper for washouts and other debris that has collected after storms. The vacuum machine is out every day collecting litter. Keeping our City streets clean is a never-ending task.

The Highway Department hosted another successful Household Hazardous Waste Day again this year. I would like to thank the Public Works Team, Common Council member volunteers, Mayor Boughton and all the other volunteers who, every year, make this a great success.

Should you have any questions regarding this report, please feel free to contact me at 797-4605.

**Parks Maintenance report submitted by Duke Hart, Superintendent of Public Services:**

The month of September was busy for the Parks Maintenance Division transitioning the fields from the summer sports programs to the fall programs. The fields have been lined and mowed for the fall soccer, football and softball activities. The Parks Maintenance Division will continue to maintain the fields throughout the fall season.

Parks Maintenance continues to clean Post Office Walk and the City Center Green every Monday and Friday. We also mow and police Kennedy Avenue every Friday morning before the Farmer's Market opens. The City Center Green was spruced-up for the Taste of Danbury and Family Fun Day events. Our mowing and trimming of the schools is on schedule, and will continue as long as necessary.

Should you have any questions regarding this report, please feel free to contact me at 797-4605.

**Public Buildings report submitted by Rick Palanzo, Superintendent of Public Buildings:**

September was an extremely busy month for my Public Buildings staff, who was engaged in special projects, in addition to maintenance and repair of the city facilities. Work continued as well as could be expected with one employee absent due to injury. I want to commend the Public Buildings Maintenance Mechanics who worked very hard this month to keep all facilities fully functional. As school buildings reopened for the new school year, staff worked hard to insure that there were no major facilities problems affecting the operation of any school.

The new fueling station at Public Works Complex is now available 24/7. All safeguards and signage is in place, as is the emergency call station. We have received the approvals of the Fire Marshal and Building Official. The old UST's and any contaminated soils have been removed and the area will be regraded and paved, hopefully before the end of October. This will wrap up this project.

The renovation to the building at #1 Memorial Drive is complete. The only work to be done is the sign and the flagpole, which we will install once the yard remediation work and parking lot have been completed. I hope you will all attend the Mayor's dedication ceremony.

The new emergency generator system for City Hall is nearing completion. The switch gear has been modified and the new generator will be able to supply emergency power to the entire building. The new permanent generator will be installed by the 10<sup>th</sup> of October. Once the new generator is in place, it will be tested and put on line and we can close out this project.

The HVAC upgrades in the Library building lower level are essentially complete. The cooling tower will be changed in October-November. The roof under the cooling tower must be replaced and we will dovetail these two projects to occur simultaneously.

The Honeywell Phase III project has been completed except for the school security piece, which is promised for early October.

Fuller & D'Angelo have been retained by the Public Works Department to consult on the replacements of school roofs. Mr. Joseph Fuller has been working with his consultants to design a replacement roof for Park Avenue School. The work must meet the state school building guidelines so that the City will receive state reimbursement for the roof project. Mr. Fuller will perform the design within state guidelines.

Attached please find the statistical analysis for repairs and maintenance work that the Public Buildings Mechanics engaged in during the month of September. In the month of September we received 230 new work requests and completed 253 work requests. In reviewing this report, you will find the repair time that was expended in major work categories, (current month versus previous month). Also listed is the total number of work order hours completed, (current month versus the previous month).

Our department was heavily engaged in plumbing repairs of the City's buildings and schools with a total of 284.50 man-hours dedicated to this service. The next largest area of concentration was in mechanical work, utilizing 189.20 man-hours of labor. Electrical repairs came in as the third highest category with 176.00 man-hours.

Should you have any questions regarding this report, I am happy to discuss any portion with you. Please do not hesitate to contact me at 797-4584.

See appendix "A" for attachments.

**Public Utilities report submitted by Dave Day, Superintendent of Public Utilities:**

Enclosed is the monthly report to the Common Council for activities that took place in September 2008. Also attached is the Public Utilities Vehicle Maintenance report.

As of October 15, 2008 there are 69 hydrants out of service. Repairs to hydrants are continuing. I will be happy to review the information with you.

Should you have any questions regarding this report, I will be happy to review the information with you. Please contact me at 797-4539.

See appendix "B" for attachments.

Sincerely,

Antonio Iadarola, P.E.  
Director of Public Works

cc: Jean Natale, City Clerk  
David Day, P.E., Public Utilities Division  
Duke Hart, Public Services Division  
Tom Hughes, Construction Services Division  
Farid Khouri, P.E., Engineering Division  
Richard Palanzo, Public Buildings Division  
Mark Miller, Forestry Division  
Mark Saumell, Equipment Maintenance

## Appendix A

### Public Buildings Monthly Report for September 2008

	Labor Hours	Total Hours This Month	Total Hours Last Month	Difference	Percent Change
Carpentry		20.00	114.00	-94.00	-470.00
City Bldgs	19.00				
Schools	1.00				
Electrical		176.00	136.50	39.50	22.44
City Bldgs	102.50				
Schools	73.50				
HVAC		21.50	66.00	-44.50	-206.98
City Bldgs	13.50				
Schools	8.00				
Locksmith		12.50	9.50	3.00	24.00
City Bldgs	12.50				
Schools	0.00				
Maintenance		54.50	89.50	-35.00	-64.22
City Bldgs	47.50				
Schools	7.00				
Mechanical		189.20	224.50	-35.30	-18.66
City Bldgs	57.20				
Schools	132.00				
Plowing		3.00	0.00	3.00	100.00
City Bldgs	0.00				
Schools	3.00				
Plumbing		284.50	107.50	177.00	62.21
City Bldgs	26.00				
Schools	258.50				
Roofing		64.30	3.00	61.30	95.33
City Bldgs	19.80				
Schools	44.50				

New Work Requests received	230 month
Work Requests Completed	253 month

## Appendix B

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# M E M O R A N D U M

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**DATE:** October 15, 2008  
**TO:** City of Danbury, Common Council  
**FROM:** *David M. Day, P.E.*, Superintendent – September 2008  
**RE:** Sanitary Sewer Collection System Maintenance

Complaints: \_\_\_\_\_ 13 \_\_\_\_\_

Number Received: \_\_\_\_\_ 13 \_\_\_\_\_

Number Completed: \_\_\_\_\_ 13 \_\_\_\_\_

Pipe Cleaned: \_\_\_\_\_ 3,500 LF \_\_\_\_\_

Gallons of Water Used: \_\_\_\_\_ 9,000 Gallons \_\_\_\_\_

Pipe Inspected:  
Griffin Avenue and Shelter Rock Road  
(main's are okay, cut root's)

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**MAINTENANCE REPORT - BUILDING #6**

8/1/2008	338DA	POLICE	TIRE LIGHT SERVICE
	236DA	AIRPORT	NO START
8/4/2008	236DA	AIRPORT	COMPUTOR
	338DA	POLICE	SERVICE
	115DA	POOL	ANTIFREEZE LEAK
	181DA	POLICE	BATTERY
8/5/2008	236DA	AIRPORT	NO START
	209DA	POLICE	SERVICE BRAKES
	181DA	POLICE	BATTERY
8/6/2008	DET	POLICE	SERVICE ENGINE LIGHT
	236DA	AIRPORT	NO START
	3CH546	SENIOR	ALTERNATOR R/C
	223DA	POLICE	FLAT R/C
8/7/2008	DET	POLICE	SERVICE &ENGINE LIGHT
	236DA	AIRPORT	ELECTRICAL
8/8/2008		POLICE	REPAIR TIRES
	MOWER	WATER	EXHAUST
	MOWER	WATER	BELT
8/11/2008	350DA	WATER	RUNS POOR
	DET	POLICE	FRONT END
	113DA	POLICE	NO START
8/12/2008	262DA	POLICE	BATTERY
	350DA	WATER	RUNS POOR
	DET	POLICE	FRONT END
8/13/2008	255DA	POLICE	FRONT END
	283DA	WATER	FRONT END
	350DA	WATER	RUNS POOR
8/14/2008	228DA	POLICE	RUNS POOR
	255DA	POLICE	FRONT END
	MOWER	WATER	EXHAUST
	MOWER	WATER	BELT
	MOWER	WATER	TIRE
8/15/2008	350DA	WATER	RUNS POOR
	DET	POLICE	SERVICE
	157DA	POLICE	SERVICE
	255DA	POLICE	LIGHTS
8/18/2008	17DA	POLICE	SERVICE
	157DA	POLICE	SERVICE FRONT END
	132DA	WATER	RUNS POOR
	350DA	WATER	RUNS POOR
8/19/2008	157DA	POLICE	SERVICE FRONT END
	17DA	POLICE	SERVICE BRAKES
	DET	POLICE	BATTERY
	350DA	WATER	RUNS POOR
		37981 SENIOR	A/C
8/20/2008	DET	POLICE	MIRRIOR LIGHTS
	DET	POLICE	LIGHTS
	271DA	POLICE	TIRE

		37981	SENIOR	A/C COMPRESSIOR
	157DA		POLICE	FRONT END SERVICE
8/21/2008	257DA		POLICE	LOCK OUT
	DET		POLICE	LIGHTS
	DET		POLICE	FLAT TIRE R/C
	271DA		POLICE	TIRES
8/22/2008		37981	SENIOR	A/C COMPRESSIOR
	271DA		POLICE	TIRE LIGHT SERVICE
8/25/2008		37981	SENIOR	A/C COMPRESSIOR
	89DA		WATER	A/C COMPRESSIOR
	DET		POLICE	ELECTRICAL
	17DA		POLICE	TIRES
	DET		POLICE	ENGINE LIGHT
8/26/2008	DET		POLICE	EMISSIONS
	DET		POLICE	ELECTRICAL
	89DA		WATER	A/C COMPRESSIOR
8/27/2008	287DA		POLICE	NO START
	DET		POLICE	ELECTRICAL
	231DA		WATER	BRAKES TIRES
	SWEEP		WATER	HOSE
8/28/2008	231DA		WATER	BRAKES TIRES
	DET		POLICE	SERVICE TIRES
8/29/2008	DET		POLICE	SERVICE
	19DA		POLICE	TRANNY
	101DA		WATER	ALTERNATOR
	SWEEP		WATER	REGULATOR

