

**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.**

March 30, 2009

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

RE: Monthly report for February, 2009

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 February, 2009.

The Public Works Department is already looking ahead to the warmer weather. The spring offers the opportunity to begin drainage work, preparation of the playing fields and parks and many other activities for the beautification of the City. The Public Works Department dealt with three (3) snow events and although I would like to think that is the last of the snow, I very much appreciate that New England weather is what it is and we will still be dealing with winter conditions for some time.

I have been working with the Association of Public Works Professionals of the Housatonic Valley and the State of Connecticut Department of Emergency Management and Homeland Security to secure training for public works employees and some equipment for emergency response use. Level 1 training has been completed for all Public Works staff and I am planning to schedule the next level for sometime in the spring. The next level of training will be the supervisory level training.

Considerable planning is going into our spring projects and we are still looking at purchasing an excavator so we can do more in-house work at a great savings to the City.

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

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

Backus Avenue Bridge over Miry Brook- The plans have been reviewed for constructability with comments forwarded to the City Engineer and designer. We are currently finalizing the plans & specifications with the Engineering Department and preparing the bid documents. The site has been walked with the utility companies to finalize the sequencing for the temporary pole relocations. Also, AT&T developed a plan and will be forwarding copies to CL&P and the City. We have contacted Yankee Gas Co. asking them to review the final relocation of the gas main and the requirements for the new location. We have asked Yankee Gas for this direction in writing since this is now being handled from their central location in Newington, not locally as in the past.

White Street Streetscape – The contractor has completed 100% of the entire construction on the north and south sides of White Street Phase I. In conjunction with the Planning Department, we have extended the project into the Phase II portion of the design. This has allowed the City to increase the project limits and the contractor has agreed to hold their unit prices. The contractor has substantially completed Phase II of the streetscape north west of the railroad tracks. CL&P has energized the second set of lights. The remaining plantings will take place in the spring.

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. LGB, our consultant, has submitted the management plan to the State Department of Health. Once we receive the approval, we will proceed with construction.

Rogers Park Soccer Fields – The contractor, Excavation Technologies, has removed the soil for disposal (impacted non – hazardous soil) for the Rogers Park Field. The adjacent parking lot soil disposal has been completed. We have remediated the soccer field to sub-grade additional organic material was removed at the direction of the designer to ensure the fields integrity. The material has been removed the clean material is in place. The drainage outfalls have been installed and the four corner structures inside the field as well. Working with the City engineer we are finalizing the artificial field and equipment. The field and equipment has been incorporated into Atlas's proposal through a government cooperative program. This should be a significant savings to the City.

Danbury High School ADA & Egress - 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. We have completed the additional code compliance work addressing the tread nosing in all non-compliant stair wells cited by the State of CT.

Danbury High School Hall of Fame – We met with Jim Blansfield. The first phase will be the construction of a new trophy case. We have contacted a contractor and requested a quote for the

construction of the trophy case. After receiving this quote we met with Mr. Blansfield and the Athletic Director. Construction Services has suggested an alternate construction method which we feel will be more cost effective to the City. Mr. Blansfield agreed and we are in the process of developing the alternate construction method which should be a 40% cost savings.

Roberts Avenue School

Construction Services has taken over the day to day project management from O&G. The project is now administrated in-house. O&G finished their contract on October 31, 2008. Construction Services will be working in conjunction with the City Engineer to complete this project. The City of Danbury has saved \$ 350,000.00 in Construction Management Fees by Construction Services assuming the Construction Management of this school project.

Pocono Lane

Construction Services met with the owner of the adjacent property and have worked out a soft buffer and fence line. The construction started on 11/20/08 and was completed in nine (9) days. The fence has been installed; the soft buffer plantings will be planted in the spring. We have encumbered the funds and issued a P.O. to L&L Evergreens for the plants which will be planted by the Public Works Forestry Division.

East Franklin Street Bridge over Padanaram Brook

The DOT has issued a report for this structure identifying the abutment being undermined from scour. We are reviewing the scope of the repair and will be hiring an on call engineer for this work.

Long Ridge Road

A stone culvert crossing damaged during the April 2006 Northeaster has been inspected. The structure is failing. With the City Engineer, we are developing a scope for the necessary repairs to avoid failure of the culvert and road.

Williams Street

Working with the City Engineer developing the scope for sidewalk, drainage and roadway improvements this project will be funded by CDGB. The project will be administrated by Construction Services once it has been awarded.

Homeless Shelter

We are assisting the Health Department Director Scott Leroy in developing a scope of work for a CDGB project. The project will encompass installing a video system for security and make energy efficient improvements to the existing structure.

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:

Lombardi Street Sanitary Sewer: At the February ad hoc committee meeting, the Common Council Members voted for "no action" to be taken with this sewer project. Report to go to the March Common Council Meeting.

Tilden Road and Olive Street Area: Drainage analysis was reviewed. The City has requested that the consultant draw up the required easements for the proposed drainage.

Cornell Hills sanitary sewer and water project: An information meeting for residents was held in February to discuss the project. Based on the consensus at the February meeting, another mail survey will be sent out in 6 months.

Aqua Vista: We are waiting for the State's review and comments on the completed Feasibility Study.

Boulevard Drive Sewer Assessment: At the February meeting with a property owner, it was decided to put the pumping station underground. The Consulting Engineer will provide a revised proposal for the revision to the design.

Various Assessment Projects: We have started gathering information for in-house, preliminary design.

Roberts Avenue Replacement School Project: Site work is 90% complete. The contractor is beginning the final stage as the weather breaks. Sheet rock and painting are complete. Electrical and plumbing contractors are installing final fixtures and are 95% complete. Floor tiles and carpet are 90% complete. Casework is 90% complete. Gym equipment has been ordered. Areas A & B have the preliminary punch list completed. Area C will be done next month.

Police Department Headquarters Project: Ceramic Tiles, VCT and carpet are complete. The tile in the main lobby is complete. Painting is 95% complete. The shooting range equipment is installed. Training has occurred. Both elevators are 95% complete. Doors are 95% installed. Hardware installation continues. Plumbing fixtures are being installed, and toilet partitions and accessories are installed. Lockers are installed. Electrical and mechanical trim are well underway. Installation of furniture began on February 23rd. Radio equipment work has commenced, as well as network switches for data. Remaining topsoil and seeding to occur in early April.

The Traffic Engineer and two (2) Traffic Engineering Technicians are involved in the on-going maintenance, inspections and enhancement of a variety of traffic signal control devices, collection and analysis of data and monitoring of traffic operations during peak travel hours. Additional work is conducted by an on-call contractor when handling emergency repairs of traffic signal devices after office hours. During the month, two emergency knock-downs of devices were reported and taken care of. 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 as well as coordination with the State of Connecticut DOT and HVCEO on initiation, design and construction of projects within the City. The division is currently working on improvement of the intersection at Lake Avenue Extension and Shannon Ridge Road. Also, the Traffic Division is working on the coordination of traffic lights from Segar Street to Backus Avenue/Kenosia Avenue.

Staff Engineers review various site plans, water and sewer applications, special exception applications, and subdivision applications for land-use approval of on-going development projects throughout the City. In addition, field inspection is performed regularly for these developments. Reviews of long-standing drainage problems are analyzed and design solutions are handled in-house.

Our survey crew is currently working on the William Street Drainage and Sidewalks Project and Long Ridge Road Culvert Replacement Project. Both projects are being designed in-house. Also, survey, design and easements are being completed in-house and prices are being secured.

DHS ADA plans: The City hired on-call consultant, Rodriguez Associates, to prepare plans to comply with the State of CT/SFU ADA requirements. A report has been forwarded to the State for review. Final sketches will be done in March. Work is expected to be completed during school summer vacation.

Boehringer Ingelheim: Our office has been working with the Corporation Counsel to secure the necessary (six) easements to perform the work. All easements have been secured, and the project was bid out by the end of February. Bids will be open mid-March.

Backus Avenue Bridge: The City met with the design engineer and finalized plans and specifications. The City is working on securing Federal Stimulus Money for this work.

GIS: The City purchased a GPS machine to complete the required State of Connecticut General Storm Management Permit. Work will be completed in-house. On-going survey work is underway and will continue regularly.

Traffic Signal Coordination Optimization: The City has hired VHB (one of our on-call traffic consultants) to study 30 congested intersections within the City's boundaries. Kick-off meeting was conducted, and consultant will submit report in a couple of months.

Evaluation of School Roofs: The City hired Fuller D'Angelo Architects (which is one of the on-call architects) to perform school roof inspections for Hayestown Elementary, Stadley Rough Elementary, Pembroke Elementary and Morris Street Elementary. Investigatory work has been completed. Reports were submitted and are under review.

Also, Fuller and D'Angelo P.C. Architects and Planners were hired to investigate and prepare plans and specifications for the roof at Park Avenue School. Plans and documents are ready for bid. We are currently working on the funding mechanism with the State.

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:

During the month of February the Forestry Division was very busy with winter storm clean-up at the schools doing snow plowing and sanding. Due to heavy ice accumulations on a number of trees, the crew performed some ice removal to provide safe vehicular passage and reduce the possibility for power outages. Storm damage was cleared on Firelight Drive, Hatters' Park, Mill Ridge School, King St. School, Great Plain Road, East Hayestown Road, Lindencrest Drive, Concord Road, Oak Street and Ridge Road.

The Forestry Division pruned and removed trees at the following locations: Bear Mountain Road, Pleasant Street, Park Avenue, Delta Avenue, Connecticut Avenue, Abbott Avenue, Shelter Rock Road, Holley Street Extension, Robin Hood Road and Stadley Rough 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 February, the Highway Department battled 3(three) more storms. During breaks between storm clean-ups, the department personnel were able make drainage repairs at two locations. The sign crew installed three (3) new signs and posts at two (2) locations.

As weather permits, the crews have been policing many locations for litter, as well as an occasional Christmas tree and piles of brush. Our downtown garbage truck continues to pick up trash, cans and other debris on a daily basis. The recycling truck continues to collect recyclables at the prescribed locations daily.

Crews have been patching pot hole throughout the City on a daily basis. Due to the unusually large number of pot holes, it will take a little more time to get to them all.

Everyone at the Highway Department is looking forward to spring.

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

Parks Maintenance report submitted by Dave Cook, General Foreman of Public Services:

In February, the Park Maintenance Department dealt with three (3) storm events. The crews maintain the walkways, parking lots, crosswalks, bridges and other City areas.

Weather permitting, the crew assisted the Forestry Division with tree removal and the Highway Division with brush and litter pick-up.

A crew is also maintaining all of our mowers and field equipment in preparation for the upcoming spring season.

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:

February was a busy but productive month for the Public Buildings staff. The department backlog of work requests is growing due to the age of our facilities and lack of a full staff. The maintenance mechanics of the Public Buildings division are the persons who keep the city owned buildings operating well with little or no recognition for their efforts. I want to take this opportunity to recognize them and thank them for their hard work.

The office paper recycling program that began in November is working well. We have had to add additional containers at the Library, City Hall and the Police HQ to handle the volume of recyclable paper. We are recycling the bulk of our office paper.

We are adding an access control system to Veterans Hall which will alleviate the need for a key for the various veteran groups to enter the building for their meetings and business. The installation is 98% complete. We are awaiting the installation of the network cable which will allow the security system to communicate with City Hall. Once this is completed we can power up the security system and give the veteran groups access to Veterans Hall without a key, while still maintaining a high degree of security.

The Honeywell building management software known as EBI has been installed in 90% of the City's school buildings. This new software will give the school personnel greater control over their energy consumption.

We are looking at a new energy conservation/ small building management system available from Honeywell Corp. This system will allow remote access to the energy management system of a small building and take control of the building out of the hands of the occupants. This system will allow us to set heating and cooling set points which can not be locally overridden by the building occupants, which will result in energy savings. This is one of many energy conservation efforts we are pursuing to save the City energy dollars.

The new fueling station at Public Works is being fitted with a surveillance system which will afford us the opportunity to observe any odd occurrences at the fueling station. Since the fueling station is open 24/7; this surveillance /security system will help keep the station operating relatively trouble and vandal free, or at least provide evidence that the police can use to prosecute vandals and thieves.

In anticipation of the new police facility becoming occupied in early May the PB staff has been learning the new building systems so that we are ready to keep the new facility operating at peak efficiency. I have walked our cleaning contractor through the building several times so that he can compile an estimate for keeping this new facility clean. I am working with Chief Baker and his staff to coordinate radio and voice communications as we migrate from the old building to the new building.

Attached please find the statistical analysis for repairs and maintenance work that the Public Buildings Mechanics engaged in during the month of February. In the month of February we received 179 new work requests and completed 197 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 electrical repairs of the City's buildings and schools with a total of 221.50 man-hours dedicated to this service. The next largest area of concentration was in plumbing repair work, utilizing 220.00 man-hours of labor. Carpentry work came in as the third highest category with 34.50 man-hours.

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

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 2009. Also attached is the Public Utilities Vehicle Maintenance Report.

As of March 19, 2009 there are 62 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

City of Danbury
Danbury Monthly Report February 2009

	Labor Hours	Total Hours This Month	Total Hours Last Month	Difference	Percent Change
Carpentry		34.50	32.00	2.50	7.25
City Bldgs	34.50				
Schools	0.00				
Electrical		221.50	141.00	80.50	36.34
City Bldgs	124.50				
Schools	97.00				
HVAC		1.00	6.00	-5.00	-500.00
City Bldgs	0.00				
Schools	1.00				
Locksmith		15.50	0.00	15.50	100.00
City Bldgs	15.50				
Schools	0.00				
Maintenance		40.00	39.50	0.50	1.25
City Bldgs	12.00				
Schools	28.00				
Mechanical		28.00	64.00	-36.00	-128.57
City Bldgs	28.00				
Schools	0.00				
Plowing		0.00	4.00	-4.00	0.00
City Bldgs	0.00				
Schools	0.00				
Plumbing		220.00	150.00	70.00	31.82
City Bldgs	21.50				
Schools	198.50				
Roofing		32.50	7.00	25.50	78.46
City Bldgs	4.00				
Schools	28.50				

New Work Requests received this month 179
Work Requests Completed this month 197

MRFEB09

M E M O R A N D U M

DATE: March 10, 2009
TO: City of Danbury, Common Council
FROM: *David M. Day, P.E.*, Superintendent – February 2009
RE: Sanitary Sewer Collection System Maintenance

Complaints: 15 _____

Number Received: 15 _____

Number Completed: 15 _____

Pipe Cleaned: 800 Feet _____

Gallons of Water Used: 10,000 _____

Pipe Inspected:

COMMENTS:

2/1/09

2/2/2009	101DA	WATER	TIRE SERVICE
	10DA	POLICE	SERVICE FRONT END
2/3/2009	337DA	POLICE	SERVICE
	132DA	WATER	SERVICE FUEL SYSTEM
			ECT.
2/4/2009	132DA	WATER	SERVICE FUEL SYSTEM
			ECT.
2/5/2009	132DA	WATER	SERVICE FUEL SYSTEM
	3DA	POLICE	ECT.
			SERVICE
2/6/2009	132DA	WATER	SERVICE FUEL SYSTEM
			ECT.
	3DA	POLICE	SERVICE
	36DA	POLICE	BRAKES
			TIRE SERVICE
			SERVICE FUEL SYSTEM
2/9/2009	132DA	WATER	ECT.
	36DA	POLICE	BRAKES TIRES SERVICE
	76DA	ASSIOR	NO START R/C
2/10/2009	18DA	POLICE	NO START
		POLICE	REPAIR TIRES
2/11/2009	152DA	WATER	BRAKES TIRES SERVICE
	DET	POLICE	RADIO
2/12/2009	279DA	WATER	SERVICE
	DET	POLICE	RADIO
2/17/2009	191DA	POOL	NO START
	263DA	HEALTH	FRONT END
	337DA	POLICE	SIREN
	175DA	POLICE	LIGHT BAR
2/18/2009	261DA	POLICE	NO START SERVICE
	280DA	WATER	SERVICE TIRES
	DET	POLICE	WINDSHEILD
	337DA	POLICE	SIREN
	191DA	POOL	BATTERY R/C
2/19/2009	324DA	WATER	SERVICE BRAKES TIRES
	DET	POLICE	SERVICE
	261DA	POLICE	NO START SERVICE
2/20/2009	324DA	WATER	SERVICE BRAKES TIRES
	4DA	POLICE	REAR END
			SERVICE
	DET	POLICE	BRAKES
2/23/2009	263DA	HEALTH	FRONT STRUTS
	4DA	POLICE	REAR END
2/24/2009	263DA	HEALTH	FRONT STRUTS
	4DA	POLICE	REAR END
	DET	POLICE	BRAKES TIRES SERVICE
2/25/2009	263DA	HEALTH	STRUTS
	DET	POLICE	BRAKES TIRES SERVICE
	4DA	POLICE	REAR END
2/26/2009	19DA	POLICE	ELECTRICAL
	91DA	ENG	NO HEAT

	4DA	POLICE	SERVICE REAR END
2/27/2009	224DA	AIDS	NO HEAT SERVICE
	19DA	POLICE	ELECTRICAL
	4DA	POLICE	REAR END