

**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.**

December 29, 2008

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

RE: Monthly report for November 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 November.

The Public Works Department was focused on pulling together to complete the Veterans Hall Building in time for a Veterans Day dedication. The Construction Services Superintendent and other members of the Public Works Team worked the weekend prior to and on Veteran's Day to have the building ready for its opening. Many of those attending the dedication commented that they were very pleased with the renovation and agreed that the building is beautiful. I am proud of the way the Public Works Team pulled together to complete the project under a very tight timeline and appreciate their hard work and dedication.

The Padanaram Bridge opening was held on November 19, 2008. This was the final part of the two phase project and the third bridge completed this year. Approximately \$150,000 was saved by administering the project in house. The original bridge was built in the 1930s and had to be replaced because the weight limit did not allow emergency vehicles safe passage.

Due to federal mandates, the entire Public Works Department will be attending Emergency Management Training sponsored by the Department of Emergency Management and Homeland Security. Three classes were held in November and the final two will be held in December. It has been determined that Public Works could play an integral role should an emergency situation

arise and the training has been mandated by FEMA. The second phase of the course would be administered in the spring.

A department-wide special meeting was held in my office for the managers responsible for snow emergency operations and plans were confirmed for standard operating procedures for snow removal activities. All of the equipment has been prepared and Public Works is ready for any winter events. Once again, Magic Salt will be utilized on selected routes. Based on feed back and observation, the Magic Salt performed well last winter and although we are unable to expand the number of routes, it was decided to continue using the material.

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:

Local Bridges

- Rose Hill Bridge

The bridge project has been completed and opened to traffic.

- Padanaram Road Bridge over East Lake

The bridge project has been completed and opened to traffic.

- Padanaram Road Bridge over Margerie Brook

The project has been completed and opened to traffic. Additional road work realigning a vertical curve west of the bridge was added to the project. The project was administered by the Construction Services Division and completed within budget. By administering the project in house resulted in a cost savings of \$ 60,000.00 in consultant fees.

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. 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 and is at 95% completion.

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, is in the process of developing the management plan for submission to 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 – The contractor, Excavation Technologies, has mobilized to the site. We are in the process of removing the soil for disposal (impacted non – hazardous soil) for the Rogers Park Field and adjacent parking lot. The parking lot and sidewalk adjacent to the

Veterans Memorial Building was completed by Veterans Day. We are now moving forward with remediating the soccer field.

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.

We have started 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 are awaiting several revisions to the plans from the architect and construction documents. We are ready to bid this phase of the project once we receive the construction documents from the Hall of Fame's architect. We have contacted a contractor and requested a quote for the construction of the trophy case.

Tarrywile Dam – The dam wall repair, along with the cap repairs and spillway, have been completed. 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.

The additional toe drain requested by the CT D.E.P. has been installed.

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.

Woodside Avenue

The road widening from Newtown Road to approximately 220 feet south on the easterly portion of Woodside Avenue has begun. These will include drainage and pavement improvements. We expect to complete this work by early December.

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 Short Street and Lombardi Street Area sanitary sewer project went to a public hearing where the Common Council requested another mail survey.
- The design for the Tilden Road and Olive Street Area sanitary sewer project is 95% complete. The City's consultant firm submitted possible drainage designs and routes with the easements warranted for each proposal described. The City will meet with property owners to discuss the drainage routes and easements needed next month.
- The Cornell Hills sanitary sewer and water project drawings are 95% complete. The easements and descriptions were sent to Corporation Counsel for next month's Common Council Meeting. The Engineering Department is preparing a letter to send to residents with the revised preliminary assessments based on the updated cost estimate.
- 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 has paved binder course in parking lot and filling island areas. Storm drainage lines and structures have been installed. All steel structures and concrete work have been completed. Interior wall framing and sheet rock, painting, rough plumbing, heating, electrical and sprinkler are proceeding. Interior CMU masonry is 100% complete, and exterior masonry and stone has been completed along with exterior siding and brick veneer. Roof shingles are complete, and flashing is being installed.

Police Department Headquarters Project: Exterior framing is complete; interior plumbing, heating and cooling and electrical are 90% complete, interior framing is complete; site work is 95% complete; exterior masonry is complete; interior masonry is complete; roofing is complete; All of the windows have been installed; the parking deck is complete (except stairwell roof tower); the curbing along East Franklin Street is complete. Drywall is 95% complete. Painting is 80% complete; lavatories are nearly complete with tile and paint. VCT is 80% complete. Ceiling grid is 95% complete; ceiling tiles have been installed. The shooting range equipment is installed. Both elevators are virtually complete. All door frames are painted, and doors will be installed soon. High density shelving is 95% complete.

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, 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 currently working on: Layouts and easements for Pocono Lane and Laurel Road; a City-wide drainage study; providing maps (for planning purposes) for the Ives Street Bandshell and City Hall irrigation; determining property lines for “orphan” property on Long Ridge Road. They have also been learning the new GPS system and recently attended a FEMA emergency response seminar.

Plan for the new Pocono Lane connector was submitted for site plan approval.

Candlewood Lake Education Center Project: The City has received preliminary plans of the exterior and interior of the building. We are presently working on zone modifications.

The City hired BL Companies to work on the Kennedy Park area, Beautification of Main Street, Bandshell, Streetscape and enhancement to the downtown area scope of work and proposals are under review.

DHS ADA plans: City hired on-call consultant, Rodriguez Associates, to prepare plans to comply with the State of CT/SFU ADA requirements. Report is under review and will be submitted next month.

Boehringer Ingelheim: Our attorney has been working diligently to secure some of the required easements.

Backus Avenue Bridge: The City met with the design engineer and finalized plans and specifications. Project will be bid out January 2009.

GIS: The City purchased a GPS machine to complete the required State of Connecticut Storm Management Permit that was started four years ago. Work will be completed in-house which will result in a savings of \$300,000 to the City.

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.

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:

In the month of November the Forestry Department assisted with the installation of the holiday lights and decorations in the downtown area. Large wreaths were placed at City Hall and the Library. The lights were installed on three trees at the library and a tree was set up at City Hall.

In addition to the regular activities of the Forestry Division, we were pleased to landscape the new Veterans Hall Building at 1 Memorial Drive.

Trees were removed at the following locations: Hospital Avenue, Aunt Hack Road, Driftway Road, Joe's Hill Road, Tiffany Drive, Scuppo Road, Deer Hill Avenue, 95 Padanaram Road, 42 Golden Hill Road for a CL&P job, 11 Dana Road, 22 Mountainville Avenue, Power Horn Ridge and Fairfield Avenue for a CL&P job. Trees and brush were also removed at Pocono Lane for the installation of the Pocono Lane Connector.

The crew responded to the following tree calls: Deer Hill Avenue, Aunt Hack Road and Driftway Road.

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

Highway report submitted by Dave Cook, General Foreman Public Services:

In the month of November, the Highway Department continued to maintain the roads and drainage in our community. New drainage was installed on East Pembroke Road. Drainage repairs were made at five (5) locations. These drainage improvements will reduce or eliminate winter icing problems at these locations. New signs were installed in five (5) locations with nine (9) signs and posts used at several locations throughout town. More than two dozen signs were replaced this month as well. The in-house paving crew continued curb repair and patching before the plant shuts down for the season. The leaf collection program was in full swing with two or three trucks out daily. Towards the end of the program we managed to pickup several loads of bundled brush as well. One sweeper continues to sweep City Center, washouts and leaves as needed. The garbage truck continues to pick up downtown barrels as well as debris and litter throughout the City. The Highway Department also responded with a reduced crew, to the first winter storm of the season, on the last day of the month.

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:

This November, the Parks Department was busy transitioning from the very busy fall sports season to the winter season. All fields and municipal properties were cleaned. Garden beds were prepared for winter, leaves removed and fields fertilized. The Parks Department installed the holiday lighting on the ornamental street lights downtown. The Parks Department also continued to maintain the Post Office walkway, City green and Kennedy Park, as needed after weekends and events. They also helped the Tree Department, when needed, with tree removal and trimming. Winter maintenance of the mowing equipment was started at the end of the month.

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:

November was a busy month for the Public Buildings staff as our backlog of work requests continues to grow due to one employee absent due to injury. I want to commend all the Public Buildings staff for their hard work this month to keep all facilities operating smoothly.

The new emergency generator at City Hall has been installed, the wiring and switch gear has been modified which will enable the new generator to sustain the power needs of the entire City

Hall building during a power outage. The completion of this project is anticipated to be before the end of December.

The cooling tower replacement at the Public Library which includes replacement of the roof under the cooling tower is 90 percent completed. The project should be completely tied in before the end of December. The new components of the air conditioning system will be ready to go for the next cooling season that traditionally begins in May.

Now that the Honeywell-Board of Education Phase III project has been completed the Honeywell Corporation is assisting the city in some value added projects that go along with the implementation of Phase III. They will assist the city in benchmarking the city buildings relative to energy consumption, this information will allow us to keep an eye on our conservation efforts. This is the recommended process endorsed by the US Department of Energy and the Environmental Protection Agency.

The office paper recycling program that began last month is in full swing. We have had to add additional containers at the Library, City Hall and the Police HQ to handle the volume of recyclable paper. The staff is embracing the recycling effort in all buildings.

One boiler at King Street intermediate school will be replaced in December 08- January 09. This replacement will insure uninterrupted heat to the school. We will replace the second boiler at KSI in the summer 09 recess.

Attached please find the statistical analysis for repairs and maintenance work that the Public Buildings Mechanics engaged in during the month of November. In the month of November we received 182 new work requests and completed 141 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 182.00 man-hours dedicated to this service. The next largest area of concentration was in electrical work, utilizing 109.00 man-hours of labor. Maintenance and repairs came in as the third highest category with 99.00 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:

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

As of December 17, 2008 there are 64 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

City of Danbury
Monthly Report November 2008

	Labor Hours	Total Hours This Month	Total Hours Last Month	Difference	Percent Change
Carpentry		5.00	74.00	-69.00	-1380.00
City Bldgs	5.00				
Schools	0.00				
Electrical		109.50	140.50	-31.00	-28.31
City Bldgs	21.50				
Schools	88.00				
Alarms		0.00	0.00	0.00	0.00
City Bldgs	0.00				
Schools	0.00				
HVAC		27.50	61.00	-33.50	-121.82
City Bldgs	27.50				
Schools	0.00				
Locksmith		0.00	0.00	0.00	0.00
City Bldgs	0.00				
Schools	0.00				
Maintenance		99.00	123.50	-24.50	-24.75
City Bldgs	14.00				
Schools	85.00				
Mechanical		32.50	151.00	-118.50	-364.62
City Bldgs	28.00				
Schools	4.50				
Plowing		0.00	0.00	0.00	0.00
City Bldgs	0.00				
Schools	0.00				
Plumbing		180.00	310.00	-130.00	-72.22
City Bldgs	29.00				
Schools	151.00				
Roofing		11.00	8.50	2.50	22.73
City Bldgs	8.00				
Schools	3.00				

New Work Requests received this 182 month
Work Requests Completed this 141 month

Appendix B

M E M O R A N D U M

DATE: December 17, 2008
TO: City of Danbury, Common Council
FROM: *David M. Day, P.E.*, Superintendent – November 2008
RE: Sanitary Sewer Collection System Maintenance

Complaints: 16 _____

Number Received: 16 _____

Number Completed: 16 _____

Pipe Cleaned: 1,500 LF _____

Gallons of Water Used: 8,000 Gallons _____

Pipe Inspected:

COMMENTS:

Appendix B

MAINTENANCE REPORT - BUILDING # 6

DECEMBER 2008

11/3/2008	278DA	HEALTH	SERVICE BRAKES
	2DA	POLICE	SERVICE TIRES
11/4/2008	2DA	POLICE	BRAKES
	269DA	HEALTH	SERVICE
11/5/2008	202DA	HEALTH	SERVICE
	265DA	POLICE	BRAKES SERVICE
11/6/2008	202DA	HEALTH	BRAKES
	228DA	POLICE	SERVICE FRONT END
			SERVICE FRONTEND
11/7/2008	228DA	POLICE	BRAKES
	265DA	POLICE	SERVICE BRAKES
11/12/2008	206DA	HWY	ALTERNATOR
	354DA	POLICE	NO START
	102DA	WATER	FLAT
11/13/2008	192DA	AIRPORT	BALLJOINTS
11/14/2008	333DA	POLICE	WINDOW
	192DA	AIRPORT	BALLJOINTS
11/17/2008	132DA	WATER	ABS BRAKES
	DET	POLICE	ABS BRAKES
11/18/2008	132DA	WATER	ABS BRAKES
	DET	POLICE	ALTERNATOR
11/19/2008	DET	POLICE	NO START
	DET	POLICE	ALTERNATOR
		POLICE	REMOVE RADIOS
11/20/2008	DET	POLICE	FUEL PUMP
		POLICE	REMOVE RADIOS
	132DA	WATER	BRAKE MODULE
11/21/2008	132DA	WATER	BRAKE MODULE
	243DA	POLICE	BRAKES SERVICE
	DET	POLICE	FUEL PUMP
11/24/2008	132DA	WATER	ABS BRAKES
	184DA	WATER	STARTER RUNS POOR
	209DA	POLICE	PLOW
	DET	POLICE	EMISSIONS
11/25/2008	184DA	WATER	STARTER RUNS POOR
	209DA	POLICE	PLOW SERVICE BRAKES
	231DA	WATER	LIGHTS
	113DA	POLICE	FLAT R/C
11/26/2008	184DA	WATER	FUEL PUMP
	209DA	POLICE	PLOW SERVICE BRAKES