

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.

January 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 December 2007

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 December.

We were given a swift reminder about New England weather on December 7, 2007. A very dangerous and unpredicted storm came into the area. With many accidents on I 84, travelers took to the local streets, causing gridlock in the downtown area and on the main arteries of travel within the City. Because of the heavy traffic, the Highway Department trucks were unable to get back to the Public Works Complex to reload sand and salt. In order to accomplish this task, I requested Police Department vehicles to escort the trucks, forming a sort of convoy if you will. Our first priority was to assist in the safe transportation of the students on school buses, and in order to accomplish that task, trucks needed to be taken off of their regular routes to provide salt and sanding to get the buses moving. After that, the trucks returned to their routes and the traffic started to move quite freely again.

The two routes chosen for the pilot program for Magic Salt have been carefully observed. By using Magic Salt on the downtown route, we were able to get black road very quickly and there was no additional plowing and sanding that was required. After the morning application, we noticed that traffic actually assisted in the process of getting to black pavement. The Middle River Route also showed significant improvements as to the road condition when compared to the adjacent routes where we apply sand and salt. Overall material usage was down 35% on these routes.

Public Services Division Superintendent Duke Hart, the Highway Department Foremen and I attended an in-depth workshop on "Snow Plow Safety and Operations." General operational procedures were discussed in detail and we found it very interesting to learn how other municipalities manage their snow plans. The portion of the workshop devoted to *Anti-icing Operations* was of particular interest to us, and we were able to bring back some valuable information to assist in winter planning for the Public Works Department.

As you will see in the Public Works Department reports, the divisions have been putting forth an extraordinary amount of team effort on projects that are underway. In particular, the Construction Services and Engineering Divisions have been working very closely to ensure projects progress on schedule, within budget and according to plan. I appreciate the partnership that has developed between the managers and staff. One of my goals has been to generate cooperation and a positive work environment between all of the divisions of the Public Works Department, with the anticipation that it will catch on with other departments in the City.

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 Tom Hughes, Superintendent of Construction Services:

Danbury High School ADA – Work on compliance issues continues; currently working with several vendors to reduce the \$38,000 quote to modify the visitors' bleachers for ADA seating; we have contacted two additional vendors in an attempt to reduce the cost further.

Kaplanis Memorial Field – Several open items remain; turf establishment will be re-worked in the spring by the contractor. We have received quotes to install a barrier-style gate at the driveway entrance to the field.

Local Bridges – On the Rose Hill Avenue Bridge project, Loureiro Contractors has completed the demolition of the existing structure. We are working with the Engineering Division to finalize plans and easements for the Backus Avenue Bridge. Padanaram Road over East Lake Brook and Padanaram Road over Margerie Brook Bridges have been bid and we are awaiting review by the designer. Also in conjunction with Engineering, we have inspected several bridges and continue to monitor the bridges listed to be replaced in the near future.

Winter Materials Storage Building – The dedication of the Dome took place as scheduled on December 20, 2007. The plaque dedicating the building to all Public Works Department Employees past and present was installed.

Williams Street – Construction Services is working with the Engineering Division to install curbing, drainage, sidewalks and re-pave a section of Williams Street from West Wooster to East Pearl Street.

White Street Streetscape – The contract has been signed and a pre-construction meeting is scheduled for 1/08/08. Met with AT&T, crews are scheduled to start the pole relocations in early January.

FEMA/Related Repairs – Construction Services completed the repairs on the Church Hill Lane and Filmore Avenue culvert/bridge. Rogers Park East Ditch and the West Street Bridge debris

removal have been scheduled to begin in January. We completed quarterly progress reports; the Finance Department will forward the reports to the FEMA administrator. The division will be moving forward on the repairs to Candlewood Park, Padanaram Reservoir Overflow/Stream Bed and Rowan Street Park.

FEMA Grant – Construction Services is in the process of identifying several flood mitigation projects and applying for a FEMA Flood Mitigation Assistance Grant.

Rogers Park – For Westerners' Field, the drainage work was done in-house; the infield reconstruction has been completed. The outfield has been aerated, seeded and fertilized. We have sent a soil sample to the State Agricultural Experiment Station for suggested treatments (type of fertilizer and amounts with recommended nitrogen release).

Bardo Parking Garage – Administration of this project by the Construction Services Division continues. The asphalt stamping and planters will be installed in April. The closeout phase is in progress. We have completed the surveying for the revised site plan and will be submitting the plan to the Building Department.

Jenny Drive – The access road construction has been completed, making the connection between Jenny Drive and Briar Ridge Road ERS access. The gate and siren activated automated gate opener components have been ordered.

Engine Company 24 – Construction Services is assisting the Fire Department in obtaining a proposal from one of our on-call structural engineers to assess the building's structural issues.

Spray Parks – We are in the process of obtaining several quotes to develop two additional sprayscapes, one at Kenosia Park and a smaller scale version located in Rowan Street Park. The Engineering Division surveyors will do the mapping. The design will be done in-house once the funding is approved. We will continue to develop the project.

Kenosia Park/Rogers Park Soccer Fields – Construction Services has developed a quote for the Engineering Division as to the construction cost of the two new turf fields. We recommend that these fields be let out as a design/build project, which should result in a significant cost savings to the City of Danbury.

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: Residential connections to the Carolyn Avenue/Nancy Drive area sanitary sewer have begun and are continuing. The Wood Street/East Pembroke Road area sanitary sewer installation is complete, the project roads have been paved and residential connections are underway. The design for the Tilden Road/Olive Street area sanitary sewer project is 90% complete with the exception of the storm drainage.

Excavation for footings on the Roberts Avenue Replacement School Phase II project has commenced. Concrete work is underway.

Regarding the new Police Department Headquarters project, footing and wall work have commenced and concrete work is also underway.

Our office prepared a plan and is working with various attorneys to solve the long outstanding tree/sidewalk/driveway conflict at 98 Garfield Avenue. This tree is one of the few remaining historic American Elms in the Danbury area.

As for our Traffic Division, the traffic engineer and his two technicians continue to work on the City's traffic signals to better enhance the vehicular movement on our major roads and install new traffic signals. They also perform reviews of land use development projects.

Staff Engineers review various site plans, special exception and subdivision applications for approval on an ongoing basis.

Our Survey Crew has been monitoring the local reservoir levels weekly and working on various projects throughout the City.

Bids on the Padanaram Road Bridges repair projects were opened and are currently under review.

Should you have any questions regarding this report or its contents, 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 removed dead trees in the following areas in December: East Pearl Street; Memorial Drive; Miry Brook Road; Park Avenue and Segar Street; Pleasant Street; and Wooster Heights Road. On Jenny Drive department personnel pruned pines near power lines for the installation of the new gate at the fire station. On Main Street we pruned a locust tree for a sight line. On Sleepy Hollow Drive all the trees were trimmed back over the fence line and the road. On West Street our crew also pruned a sugar maple near the low bridge warning lights.

During December, the Forestry Department performed snow plowing and sanding downtown to assist the Highway and Parks Maintenance Departments, and off-loaded new light poles at the former landfill site for the Engineering Division. The department also responded to alerts and cleaned up at the following locations: Aunt Hack Road; Coal Pit Hill and Rocky Glen Roads; East Gate Road; Fox Den Road; Kenosia Boulevard; Lake Avenue; Middle River Road; Powder Horn Road; Pleasant Street; South King Street; and South Well Avenue.

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

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

The Highway Department was already well into its winter program in the month of December, battling eight snow and ice storms. I am very happy to report that we defeated Mother Nature on every front. There is a five-man construction crew that performs plow repairs after every storm we fight. The department has been using Magic Salt in the inner city and on one route on the outskirts of town. With each passing storm, we have gotten a better handle on how the product

works. The results on these roads so far have been a pleasant surprise. And all of our plow drivers are on cloud nine to be able to treat our City streets with a dry product, thanks to the new Salt Dome. Thank you all.

In conjunction with the Parks Maintenance Department, the Highway Department completed snow removal downtown in preparation for Danbury's *First Night* New Year's Eve celebration. All crews worked together to make the clean-up run very smoothly.

During December our construction crew completed catch basin repairs at three locations. We installed new street signs at three locations, and performed five sign and seven pole repairs. The department also continued our leaf bag program as the weather permitted. Our downtown garbage truck is still dealing with illegal dumping on our City streets and with citizens utilizing the City Center garbage cans for personal use. The U.N.I.T. and Officer Kenny Utter have been very helpful in trying to combat these continuing litter situations.

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 Parks Maintenance Department worked hand in hand with the Highway Department during the month of December to complete snow removal for Danbury's *First Night* New Year's Eve celebration. We also had to battle eight snow and ice storms in conjunction with the Highway crews to maintain and plow all the school parking lots, municipal lots and City sidewalks, with victorious results.

Parks Maintenance personnel continue to work with the Highway Department to remove leaf bags throughout the City as the weather permits. We partnered with the Forestry Department to do cut backs of trees that are overgrown on City streets. A crew began our school cut back program to trim overgrowth of fence lines. Another crew began our winter maintenance program of servicing all the department's mowers and field equipment for the impending mowing and field maintenance 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:

During the month of December, the Public Buildings staff was engaged in several projects in addition to maintenance and repair of the Danbury public and school buildings.

The contractor for the new fueling station at the Public Works complex, TMC Corporation, has applied for their building permit. Their submittals have been reviewed and approved by our design engineer, TRC, and the above ground, environmentally friendly fueling station components have been ordered.

The new school based health center for Rogers Park Middle School has been given the green light by the State Health Department, and we are working with an architect from Friar Associates and Melanie Bonjour of the City's Health Department on this design/build project. The majority

of the work will be performed by the licensed staff of Public Buildings. We will apply for the building permit and anticipate beginning the project in late January or early February.

The rehabilitation of the Public Works Complex is ongoing with the addition of new building identification signage. The signage design is complete and we anticipate installation in January 2008. In an effort to maintain compliance with State spill control regulations, we are reevaluating our policy and procedures, purchasing spill control materials and improving the way we will contain any petroleum spills at the complex. Included in this project is training for affected staff members.

The renovation to the building at 1 Memorial Drive is progressing. All of our subcontractors have been selected and contracts are now in place. The electrical and plumbing work will be performed by our licensed Public Buildings staff. The contractors for the boiler and siding have begun their work, which should be completed in mid-January. The interior work will follow.

The new emergency generator for City Hall is anticipated to be delivered in January. This generator will have sufficient power to handle the entire building's electrical load and was purchased for the City by the State through a homeland security grant. This is a great addition to City Hall and will make emergency power for the entire building a reality.

The City has made a commitment to conserving energy and is participating in several incentives to further conservation and use renewable energy sources. We have begun by "benchmarking" our energy use at City Hall. Once we complete this process, we will perform this benchmarking at the other City buildings. This process will allow us to monitor our energy use and present us with strategies for conservation.

As we have every year, the Public Buildings staff participated in snow removal operations for the school buildings in conjunction with the Parks Maintenance and Highway staff.

Attached please find the statistical analysis for repairs and maintenance work that the Public Buildings mechanics engaged in during the month of December. We received 140 new work requests and completed 147 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 division was heavily engaged in plumbing repairs of the City's buildings and schools, with a total of 134.00 man-hours dedicated to this service. The next largest area of concentration was in electrical repairs, utilizing 119.50 man-hours of labor. General maintenance and repairs were the third highest category with 81.50 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 December 2007. Also attached is the Public Utilities Vehicle Maintenance report. As of January 14, 2008 there are 55 hydrants out of service. Repairs to hydrants are continuing.

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,

A handwritten signature in black ink, appearing to read 'Antonio Iadarola', written over a horizontal line.

Antonio Iadarola, P.E.
Director of Public Works

AI/ck

- C: Tom Hughes, Construction Services Division
- Farid Khouri, P.E., Engineering Division
- Mark Miller, Forestry Division
- Richard Palanzo, Public Buildings Division
- Duke Hart, Public Services Division
- David Day, P.E., Public Utilities Division

PUBLIC BUILDINGS MONTHLY REPORT DECEMBER 2007

	<u>Labor Hours</u>	<u>Total Hours This Month</u>	<u>Total Hours Last Month</u>	<u>Difference</u>	<u>Percent Change</u>
Administration		0.00	0.00	0.00	0.00
City Bldgs	0.00				
Schools	0.00				
Carpentry		49.00	87.70	-38.70	-78.98
City Bldgs	0.00				
Schools	49.00				
Electrical		119.50	198.50	-79.00	-66.11
City Bldgs	0.00				
Schools	119.50				
Alarms		0.00	0.00	0.00	0.00
City Bldgs	0.00				
Schools	0.00				
HVAC		10.00	86.00	-76.00	-760.00
City Bldgs	0.00				
Schools	10.00				
Locksmith		9.50	0.00	9.50	100.00
City Bldgs	0.00				
Schools	9.50				
Maintenance		65.00	125.50	-60.50	-93.08
City Bldgs	0.00				
Schools	65.00				
Mechanical		81.50	77.00	4.50	5.52
City Bldgs	0.00				
Schools	81.50				
Plowing		0.00	1.00	-1.00	0.00
City Bldgs	0.00				
Schools	0.00				
Plumbing		134.00	238.00	-104.00	-77.61
City Bldgs	0.00				
Schools	134.00				
Roofing		0.00	0.00	0.00	0.00
City Bldgs	0.00				
Schools	0.00				

New Work Requests Received this month 140

Work Requests Completed this month 147

TO : Common Council - City of Danbury
 FROM : David Day, Superintendent of Public Utilities
 DATE : January 10, 2008

RE : WATER DEPARTMENT REPORT: DECEMBER 2007

I. WATER PRODUCTION :

A) Margerie Water Treatment Facility :	<u>89.0</u>	<u>MG.</u>
B) West Lake Water Treatment Facility :	<u>90.7</u>	<u>MG.</u>
C) Kenosia Well Field :	<u>0</u>	<u>MG.</u>
D) Osborne Street Well Field :	<u>0</u>	<u>MG.</u>
E) Other :	<u>0</u>	<u>MG.</u>

(MG. = Million Gallons)

II. RAINFALL :

A) Month :	<u>4.9</u>	<u>inches</u>
B) Past 12 Months (running total) :	<u>63.9</u>	<u>inches</u>
C) Current Year (Jan.- Current Mo.) :	<u>50.8</u>	<u>inches</u>

III. WATER STORAGE :

date: 12/3/2007

	<u>Current Reading</u>		<u>Historical Average</u>	
A) East Lake Reservoir :	<u>80.9</u>	%	<u>80.3</u>	%
B) Margerie Lake Reservoir :	<u>67.0</u>	%	<u>81.3</u>	%
C) West Lake Reservoir :	<u>71.8</u>	%	<u>80.1</u>	%
D) Total :	<u>71.2</u>	%	<u>80.6</u>	%

IV. WATER PUMPED :

A) Park Avenue Pump Station :	0	MG.
B) Padanaram(High School) Pump Station :	4.39	MG.
C) Shelter Rock Pump Station :	2.58	MG.
D) WestConn Pump Station :	1.65	MG.
E) Margerie Pump Station :	1.30	MG.
F) Pleasant Acres:	1.53	MG.
G) Nabby Road:	1.65	MG.
H) Harvest Hill:	3.36	MG.
I) West Lake High Service :	48.4	MG.
J) Total Water Pumped (A-I) :	64.9	MG.

(MG. = Million Gallons)

V. WATER TRANSFERRED :

A) East Lake to Margerie Reservoir :	0	MG.
B) Padanaram to Margerie Reservoir :	14.7	MG.
C) Kohanza to West Lake Reservoir :	0	MG.
D) Kenosia Diversion to West Lake Reservoir :	85.1	MG.
E) Kenosia Wells to West Lake Reservoir :	0	MG.
F) Total Water Transferred (A-E):	99.8	MG.

(MG. = Million Gallons)

VI. ALGAE CONTROL :

- A) None
- B)
- C)

VII. SURVEY OF WATER SOURCES :

- A) Quarterly disinfection by-product (trihalomethane, haloacetic acid) testing of distribution system.
- B)

VIII. SUPERINTENDENTS NOTES :

MEMORANDUM

DATE: January 14, 2008
TO: City of Danbury, Common Council
FROM: *David M. Day, P.E.*, Superintendent – December 2007
RE: Sanitary Sewer Collection System Maintenance

Complaints: 11

Number Received: 11

Number Completed: 11

Pipe Cleaned: 750 LF

Gallons of Water Used: 13,000

Pipe Inspected:

COMMENTS:

To: David Day, P.E., Supt. of Public Utilities, City of Danbury
From: Walter Royals, Project Manager, *Walter Royals*
Subject: WPCP Report For Month of: December, 2007
Date: 01/08/08

I. Wastewater Treatment:

A) Sewage Processed:	8.8 MGD (Daily Avg)	273.6 Million Gallons Total
B) Septic Waste Processed:		648,650 Gallons Total
C) Sludge Pumped To Digesters:		446,664 Pounds Total

II. Wastewater Quality

	Influent	Effluent	% Removal	Effluent Limit
A) BOD (mg/l)	205	14	93	30 mg/l and 85%
B) Total Suspended Solids (mg/l):	210	8	96.0	30 mg/l and 85%
C) Total Phosphorus (mg/l):	6.0	3.1	48	1.0 mg/l
D) Ammonia (mg/l):	23.0	1.78	92	4.0 mg/l
E) Total Nitrogen (lbs/Day):	2,879	1,843	36	643 lbs/day

Note: Phosphorus limits apply May - September.

Nitrogen limit for credit trading only.

III. Pump Station Operation:

A) Beaver Brook:	619.4 Hours Run
B) Southfield:	27.2 Hours Run
C) Mill Plain:	760.6 Hours Run
D) Backus:	152.3 Hours Run
E) Tarrywile	34.6 Hours Run
F) Turner Road:	51.4 Hours Run
G) Ford Avenue:	23.1 Hours Run
H) Indian Glen:	94.1 Hours Run
I) Delay Street:	36.4 Hours Run
J) Hayestown Road:	51.0 Hours Run
K) Kenosia Avenue:	2.6 Hours Run
L) Larson Drive:	52.9 Hours Run
M) Landfill:	139.9 Hours Run

Total Station Alarms: 11

EQUIPMENT MAINTENANCE
BUILDING #4
DECEMBER 2007

Appendix "B"

<u>DATE</u>	<u>VEHICLE</u>	<u>REPAIR DONE</u>	<u>DEPT.</u>
12/1/2007	94-I-48	MOUNT SANDER	HIGHWAY
	94-I-4	MOUNT SANDER	HIGHWAY
	94-I-6	MOUNT SANDER	HIGHWAY
12/2/2007	00-I-87	ADJUST BRAKES	HIGHWAY
STORM	05-I-32	AUGER KNOB STUCK	HIGHWAY
	90-I-17	CHECK OVER	HIGHWAY
	90-I-12	CHECK OVER	HIGHWAY
	90-I-5	REAR FLAT TIRE/CHECK OVER	HIGHWAY
	03-S-11	REPAIR SANDER SPINNER CONTROL	HIGHWAY
	94-I-4	REPAIR CAB STROBE LIGHT	HIGHWAY
	90-I-37	REPLACE BATTERIES	HIGHWAY
	90-I-20	HYDRAULIC LEAK-REPLACE LINES	HIGHWAY
	05-I-10	ROAD SERVICE-GET STARTED	HIGHWAY
	00-I-16	HEADLIGHT BULB	HIGHWAY
12/3/2007	01-F-41	REPLACE SIPER BLADES	HIGHWAY
STORM	89-F-109	FRONT END REPAIR	PARKS
CONT.	116DA	MOVE TO BACK GARAGE	HIGHWAY
	92-F-74	MOUNT TANK FOR MAGIC SALT	HIGHWAY
	07-D-98	INSTALL TOOLBOX-VENT VISORS	HIGHWAY
12/4/2007	89-F-109	FRONT END REPAIR	PARKS
	06-E-40	EXHAUST-SEASONAL REBUILD	HIGHWAY
	97-I-27	DUMPBODY CYLINDER/LIGHTS	HIGHWAY
	01-F-50	SERVICE/LIGHTS	HIGHWAY
	56DA	HYDRAULIC FITTING BROKEN	PARKS
	180DA	THROTTLE LINKAGE/ADJUST BRAKES	HIGHWAY
12/5/2007	06-E-40	EXHAUST-SEASONAL REBUILD	HIGHWAY
	01-F-50	SERVICE/LIGHTS	HIGHWAY
	97-I-27	REPAIR LIGHTS	HIGHWAY
	00-I-87	REPLACE TURN SIGNAL SWITCH	HIGHWAY
	194DA	PLOW PUMP	PARKS
	05-I-34	ABS LIGHT/ENGINE BRAKE	HIGHWAY
	97-I-23	REPAIR STROBE LIGHTS	HIGHWAY
12/6/2007	06-E-40	EXHAUST-SEASONAL REBUILD	HIGHWAY
	194DA	REPLACE PLOW PUMP/CYLINDERS/HOSES	PARKS
	180DA	ADJUST BRAKES	HIGHWAY
	92-F-74	HEATER BLOWER MOTOR	HIGHWAY
	05-I-34	EXHAUST BRAKE	HIGHWAY
	00-I-21	LIGHTS/WASHERS/ON-SPOT CHAINS	HIGHWAY
	97-I-2	FRONT PTO LEAK	HIGHWAY
	05-F-46	CHECK OVER	HIGHWAY
12/7/2007	06-E-40	EXHAUST-SEASONAL REBUILD	HIGHWAY
	00-I-21	WASHER NOZZLE	HIGHWAY
	97-I-2	PTO LEAK	HIGHWAY
	00-I-7	STROBES/HYDRAULIC LEAK	HIGHWAY
	00-I-8	ADJUST/LUBE ON-SPOT CHAINS	HIGHWAY
	94-I-6	REPLACE HEATER CORE/T.S. SWITCH	HIGHWAY
	90-I-47	REPAIR LIGHTS/REPLACE MIRROR	HIGHWAY
	90-I-5	SERVICE	HIGHWAY
	96-I-20	REPLACE MIRROR	HIGHWAY
STORM	90-I-28	ROAD SERVICE-JUMP START	HIGHWAY
	97-I-2	PLOW LIGHT OUT-REPAIR PLOW CONNECTION	HIGHWAY

EQUIPMENT MAINTENANCE
BUILDING #4
DECEMBER 2007

Appendix "B"

	05-I-31	HOOK-UP PLOW	HIGHWAY
	90-I-47	REPAIR PLOW FITTING	HIGHWAY
	03-S-11	HYDRAULIC LEAK-REPLACE LINE	HIGHWAY
	90-I-5	CHECK FOR DAMAGE	HIGHWAY
	96-I-20	HYDRAULIC LEAK-REPLACE LINE	HIGHWAY
12/8/2007	355DA	ELECTRICAL-REPLACE ALTERNATOR	PARKS
12/10/2007	06-E-40	EXHAUST-SEASONAL REBUILD	HIGHWAY
STORM	198DA	PLOWLIGHTS	PARKS
	SHOP	FABRICATE PLOW PINS	EQUIIP MAINT
	158DA	SERVICE/RIGHTSIDE MIRROR	PUBLIC BLDGS
	97-I-2	DIEDOUT-NO START	HIGHWAY
	05-I-34	SANDER KNOB/LIGHTER REPAIR	HIGHWAY
	98DA	PLOW PISTION	PARKS
	03-I-9	EXHAUST BRAKE	HIGHWAY
12/11/2007	06-E-40	EXHAUST-SEASONAL REBUILD	HIGHWAY
	03-I-9	EXHAUST BRAKE	HIGHWAY
	00-I-8	ON-SPOT CHAINS/ADJUST BRAKES	HIGHWAY
	56DA	SERVICE/BRAKES	PARKS
	00-I-7	REPAIR STROBE LIGHTS	HIGHWAY
12/12/2007	06-E-40	EXHAUST-SEASONAL REBUILD	HIGHWAY
	56DA	SERVICE/BRAKES	PARKS
	00-I-7	REPAIR STROBE LIGHTS	HIGHWAY
	198DA	REPAIR PLOWLIGHTS	PARKS
	05-F-54	PLOWLIGHTS	HIGHWAY
	172DA	FRONT END PROBLEM-TIRES	PARKS
	28DA	INSTALL PLOW CYLINDER	PARKS
12/13/2007	03-S-11	ADJUST SPINNER CONTROL KNOB	HIGHWAY
STORM	194DA	HEADLIGHT SWITCH	PARKS
	07-P-25	ADJUST SPINNER CONTROL KNOB	HIGHWAY
	247DA	HOOK-UP PLOW	PUBLIC BLDGS
	03-S-30	ADJUST MIRRORS/REPAIR LIGHTS	HIGHWAY
	97-I-2	NO START-REPLACE CAM SENSOR	HIGHWAY
	97-I-85	ADJUST BRAKES/REPAIR LIGHTS	HIGHWAY
	01-F-50	WIPER BLADES	HIGHWAY
	05-F-46	REPAIR HYDRAULIC LEAK	HIGHWAY
	90-I-37	ADJUST BRAKES	HIGHWAY
	90-I-5	REPLACE PLOW FITTINGS	HIGHWAY
	97-I-23	REPLACE HYDRAULIC HOSE	HIGHWAY
	07-P-44	REPAIR CAB STEOP ASSEMBLY	HIGHWAY
	64DA	WIPER BLADES	PUBLIC BLDGS
	106DA	SERVICE-CHECK TIRES	HIGHWAY
	90-I-5	FUMES IN CAB-PLUG HOLES	HIGHWAY
	56DA	INSTALL WORK LIGHT	PARKS
	00-I-7	FILL HYDRAULIC FLUID	HIGHWAY
	198DA	PLOW PUMP ELECTRICAL PROBLEM	PARKS
	03-S-11	FILL HYDRAULIC FLUID	HIGHWAY
	172DA	CHECK PLOW CUTTING EDGE	PARKS
	97-I-23	REPAIR SANDER LIGHT	HIGHWAY
	97-I-86	REPLACE HYDRAULIC HOSE	HIGHWAY
	96-I-33	REPAIR PLOW CONTROLLER/HEADLIGHT BULB	HIGHWAY
	90-I-47	REPLACE PLOW GUIDES	HIGHWAY
12/14/2007	01-F-50	ADJUST PLOW LIGHT ASSEMBLY	HIGHWAY

EQUIPMENT MAINTENANCE

Appendix "B"

BUILDING #4

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STORM	00-I-21	REPLACE PLOW GUIDES	HIGHWAY
CONT.	03-S-11	ADJUST CHUTE CHAIN/FILL HYDRAULIC FLUID	HIGHWAY
	172DA	PLOW LIGHTS-ELECTRICAL	PARKS
	99-JD-57	REPAIR HYDRAULIC LEAK	HIGHWAY
	97-I-23	REAR FLAT REPAIR	HIGHWAY
	147DA	REPAIR PLOW MOTOR ASSEMBLY	PUBLIC BLDGS
	75DA	WIPER BLADES	BLDG INSP
	00-I-7	REPAIR STROBE LIGHTS/SANDER LIGHT	HIGHWAY
	07-P-25	ENGINE PERFORMANCE	HIGHWAY
	00-I-3	CHECK/FILL FLUIDS	HIGHWAY
	03-S-30	BRAKE AIR LEAK/HYDRAULIC LEAK	HIGHWAY
	97-I-85	EXHAUST LEAK/REAR STROBE OUT	HIGHWAY
	03-S-11	HYDRAULIC LEAK	HIGHWAY
12/15/2007	97-I-85	EXHAUST LEAK/CHECK STROBE LIGHTS	HIGHWAY
	03-S-30	HYDRAULIC LEAK/CHECK ABS	HIGHWAY
	03-S-11	HYDRAULIC LEAK	HIGHWAY
	94-I-6	FRONT TIRES/WIPER BLADES	HIGHWAY
12/16/2007	00-I-87	FRONT WHEEL OIL CAP	HIGHWAY
STORM	05-I-31	HOOK-UP PLOW	HIGHWAY
	00-I-7	WIPER BLADES	HIGHWAY
	00-I-19	SIGNAL LIGHTS INOP.	HIGHWAY
	05-F-54	DEBRIS JAMMED IN SANDER AUGER	HIGHWAY
	99-JD-57	HOOK-UP PLOW	HIGHWAY
	00-I-19	ROAD SERVICE-DIED OUT-REPLACE ALTERNATOR	HIGHWAY
	05-I-26	ROAD SERVICE-FRONT FLAT TIRE	HIGHWAY
	94-I-4	FILL HYDRAULIC FLUID	HIGHWAY
	00-I-19	DIED OUT-REPLACE FUEL FILTERS	HIGHWAY
	90-I-28	REPLACE PLOW BOLTS-REAR FLAT TIRE	HIGHWAY
	00-I-87	ON-SPOT CHAINS STUCK	HIGHWAY
	28DA	CHECK PLOW OPERATION	PARKS
	00-I-16	REPLACE AIR BRAKE HOSE	HIGHWAY
	07-P-25	DIED OUT-CHECK FLUID LEVELS	HIGHWAY
	00-I-8	REPAIR STROBE LIGHT-REPLACE WIPER BLADES	HIGHWAY
	198DA	CHECK PLOW OPERATION	PARKS
12/17/2007	00-I-87	ROAD SERVICE-WATER PUMP	HIGHWAY
STORM	05-F-54	AUX. WORK LIGHTS INOP.	HIGHWAY
CONT.	03-S-11	SANDER SPINNER PROBLEM	HIGHWAY
	260DA	PLOW LIGHT OUT	PUBLIC BLDGS
	07-P-25	SERVICE	HIGHWAY
	05-I-31	SECURE PLOW HOSES	HIGHWAY
12/18/2007	07-P-25	SERVICE	HIGHWAY
	00-I-7	REPAIR EXHAUST	HIGHWAY
	172DA	HEATER INOP.	PARKS
	89-F-109	FRONT END REPAIR	PARKS
	96-I-33	REPAIR LIGHTS/ADJUST BRAKES	HIGHWAY
	198DA	REPAIR PLOW OPERATION	PARKS
	194DA	REPLACE PLOW BLADE BOLTS	PARKS
	90-I-28	REPAIR STROBE LIGHTS/BELT SQUEAK	HIGHWAY
	06-E-40	EXHAUST/SEASONAL OVERHAUL	HIGHWAY
	00-I-19	DIES OUT ON ROAD	HIGHWAY
	05-I-34	MIRROR/WIPER BLADES/PLOW FRAME	HIGHWAY
12/19/2007	00-I-19	MUFFLER/RELAY	HIGHWAY

EQUIPMENT MAINTENANCE

Appendix "B"

BUILDING #4

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	06-E-40	EXHAUST/SEASONAL OVERHAUL	HIGHWAY
	05-I-34	MIRROR/WIPER BLADES/PLOW FRAME	HIGHWAY
	93-F-96	NO HEAT/GENERAL CHECKOVER	HIGHWAY
	BOBCAT	ROAD SERVICE-REAR FLAT TIRE	PARKS
12/20/2007	90-I-37	SANDER CHAIN LOOSE-REMOUNT SANDER	HIGHWAY
STORM	06-E-40	EXHAUST/SEASONAL OVERHAUL	HIGHWAY
	90-I-37	CHUTE BENT-STRAIGHTEN	HIGHWAY
	92-F-74	NO HEAT	HIGHWAY
	07-P-44	SERVICE	HIGHWAY
	03-I-9	REAR FLAT TIRE	HIGHWAY
	96-I-33	REPLACE PLOW CONTROLLER	HIGHWAY
12/21/2007	94-I-6	CHECK OVER FRONT END	HIGHWAY
	06-E-40	EXHAUST/SEASONAL OVERHAUL	HIGHWAY
	96-I-33	REPLACE PLOW CONTROLLER	HIGHWAY
	94-I-6	CHECK OVER FRONT END	HIGHWAY
	326DA	HEADLIGHT OUT	HIGHWAY
	94-I-4	REPLACE AUGER BEARING	HIGHWAY
	97-I-27	MUDFLAP/WASHER HOSE/AIR SEAT	HIGHWAY
	07-D-98	SERVICE	HIGHWAY
	06-JD-59	BUCKET CUTTING EDGE	HIGHWAY
12/22/2007	05-I-34	ROAD SERVICE-WON'T GO INTO NEUTRAL	HIGHWAY
	06-E-40	EXHAUST/SEASONAL OVERHAUL	HIGHWAY
	06-JD-59	REPLACE BUCKET CUTTING EDGE	HIGHWAY
	194DA	PLOW PUMP MOUNT	PARKS
12/24/2007	93-F-96	LEFT FRONT HEADLAMP ASSEMBLY	HIGHWAY
	06-E-40	EXHAUST/SEASONAL OVERHAUL	HIGHWAY
	93-F-96	REPLACE HEADLAMP ASSEMBLY	HIGHWAY
	00-I-16	REPAIR HYDRAULIC LEAK	HIGHWAY
	03-S-11	REPAIR BRAKE PEDAL STUCK	HIGHWAY
	00-I-7	ON-SPOT CHAIN STICKING	HIGHWAY
12/26/2007	06-E-40	EXHAUST/SEASONAL OVERHAUL	HIGHWAY
	325DA	SERVICE/WATER PUMP/T-STAT	HEALTH DEPT
	97-I-23	REPLACE DUMPBODY HYDRAULIC CYLINDER	HIGHWAY
12/27/2007	00-I-21	STRAIGHTEN SANDER CHUTE	HIGHWAY
	06-E-40	EXHAUST/SEASONAL OVERHAUL	HIGHWAY
	90-I-47	STROBES/ADJUST BRAKES	HIGHWAY
	90-I-5	ADJUST BRAKES	HIGHWAY
	97-I-85	STROBE LIGHTS	HIGHWAY
	97-I-86	MIRROR/LIGHTS/ADJUST AUGER	HIGHWAY
	01-F-41	ROAD SERVICE-REPLACE ALTERNATOR	HIGHWAY
	264DA	SERVICE	AIRPORT
	00-I-19	SANDING LIGHTS/ADJUST BRAKES	HIGHWAY
12/28/2007	272DA	REPAIR HEADLIGHT	PARKS
	06-E-40	EXHAUST/SEASONAL OVERHAUL	HIGHWAY
	264DA	SERVICE	AIRPORT
	00-I-19	SANDING LIGHTS/ADJUST BRAKES	HIGHWAY
	94-I-48	REPAIR POWER STEERING/EXHAUST LEAK	HIGHWAY
	124DA	ROAD SERVICE-BRAKE PEDAL	AIRPORT
	198DA	SERVICE	PARKS
	92DA	REPLACE HEADLIGHT BULB	FORESTRY
	42DA	ADJUST BRAKES	FORESTRY
	272DA	SERVICE	PARKS

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BUILDING #4
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12/29/2007	03-S-11	ROAD SERVICE-JUMP START	HIGHWAY
	272DA	BRAKES	PARKS
12/30/2007 STORM	94-I-15	MOUNT SANDER	HIGHWAY
	03-S-11	NO START-REPLACE STARTER	HIGHWAY
	03-S-11	NO START-REPLACE STARTER	HIGHWAY
	94-I-15	MOUNT SANDER	HIGHWAY
	90-I-12	REPAIR WIPERS	HIGHWAY
	97-I-23	HOOK-UP PLOW	HIGHWAY
	48DA	ROAD SERVICE-JUMP START	HIGHWAY
	97-I-85	HOOK-UP PLOW	HIGHWAY
	90-I-37	LOW BRAKE AIR PRESSURE	HIGHWAY
	03-S-30	ADJUST BRAKES	HIGHWAY
12/31/2007 STORM CONT.	97-I-86	WIPER BLADES	HIGHWAY
	94-I-4	PLOW GUIDE	HIGHWAY
	00-I-8	TRANSMISSION LINE LEAK	HIGHWAY
	00-I-7	REPAIR PLOW CONTROL VALVE	HIGHWAY
	99-JD-57	ROAD SERVICE-PLOW LINES	HIGHWAY
	05-I-26	REPLACE PLOW CABLE	HIGHWAY
	05-F-54	PLOWLIGHT OUT	HIGHWAY

**VEHICLE MAINTENANCE REPORT
BUILDING #6**

12/3/2007	223DA	POLICE	SERVICE TIRES
	98DA	WATER	HYDRAULICS
	226DA	WATER	PULLY
12/4/2007	257DA	POLICE	STEERING
	190DA	POLICE	SERVICE BRAKES
	BACKHOE	WATER	RUNS POOR
	BACKHOE	WATER	HYD
12/5/2007	184DA	WATER	FUEL PUMP
	190DA	POLICE	SERVICE
	257DA	POLICE	CHARGING SYSTEM
12/6/2007	17DA	POLICE	STEERING COLUMN
	184DA	WATER	FUEL PUMP
	113DA	POLICE	AXEL SERVICE
12/7/2007	113DA	POLICE	AXEL SERVICE
	184DA	WATER	FUEL PROBLEM
	17DA	POLICE	STEERING COLUMN
12/10/2007	184DA	WATER	FUEL PROBLEM
	18DA	POLICE	SERVICE
	113DA	POLICE	AXEL SERVICE
12/11/2007	288DA	BLD 4	WATER PUMP
	271DA	POLICE	FLATS
	270DA	POLICE	SERVICE
	B HOE	WATER	FUEL FILTERS R/C
12/19/2007	4DA	POLICE	ALTERNATOR SERVICE
	157DA	POLICE	STEERING COLUM
	166DA	WATER	MIRRIOR
	95DA	WATER	GAS FILL LEAK
12/26/2007	6DA	POLICE	SERVICE TIRE LIGHTS
	228DA	POLICE	TUNE UP SERVICE TIRES FRONT END
12/27/2007	DET	POLICE	WINDOW
	113DA	POLICE	ALTERNATOR SERVICE
	181DA	POLICE	MIRRIOR
	228DA	POLICE	BALL JOINTS
12/28/2007	228DA	POLICE	BALL JOINTS
	1DA	MAYOR	SERVICE
	220DA	BUILDING	TIRES SERVICE
	181DA	POLICE	SERVICE
	113DA	POLICE	ALTERNATOR SERVICE