

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.

February 27, 2012

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

RE: Monthly report for January 2012

Dear Mayor Boughton and Members of the City Council:

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

All Departments are continuing to work on projects in the field that we typically could not accomplish during this time of year due to the weather. As long as the weather stays unseasonably warm, we will continue installing drainage and making repairs to our infrastructure.

The 2020 Task Force has undertaken an intensive study of the elementary schools to bring an exciting project together. Due to the overcrowding in some schools and an anticipated spike in enrollment, it is evident that the problem needs to be addressed in an aggressive manner. Working with the various reports that were available, I pulled a team of staff members to independently evaluate the existing capacity of our schools based on a standardized space utilization plan of grammar schools and middle schools. As part of this process the Board of Education was heavily engaged.

All of the elementary school principals met with Dr. Pasquarella, Dr. Glass and myself to get some concrete enrollment numbers and school utilization information. The concept of sister schools was developed and a study will be conducted to determine which schools could be added on to in each of the sister clusters to handle the projected enrollment. The Board of Education endorses the concept and we are moving forward with the study.

Should you have any questions regarding any of the separately submitted division reports please call me at 203-797-4537.

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

Backus Avenue Bridge over Miry Brook: The project is now in the closeout phase with ConnDot.

B.I. Access Project: (Earthmovers) We have requested to extend the grant & project with the Department of Economic Development until June 30, 2012. This will allow us to use the remaining funds on a point to point Broadband to fiber optic traffic signal communications system. The additional work to be performed will be at no cost to the City of Danbury and will be fully funded by the State of CT DECD. Construction Services has taken over the project inspection from our consultant VHB. CT DECD approved the change order for this additional work. A change order has been issued to Earth Movers to proceed with this work.

White Street ARRA Project: With the remaining balance of our ARRA funding ConnDot has supported a formal request from the City of Danbury to install Dura-Threm crosswalks on White Street. We are in the process of preparing a change order to incorporate this additional work into the contract. This additional work will be at no cost to the City of Danbury. Met with the DOT and are reviewing project records to streamline the closeout phase of this project. Construction Services has administered and inspected the project with a total reimbursement to the City for personnel.

Tarrywile Park: The parking lot has been completed, using our in-house resources and City Bid Lists to reduce the cost. Punch list remains and will be completed as weather conditions permit. We are in the process of putting together a budget and bid package to replace the mansion roof. We expect to have the budget ready next month and go to bid in February for spring start. We are also looking into replacing the mansion boiler and converting to a gas boiler with the assistance of Public Buildings Division. This will be paid for by an existing LOCIP Grant at no cost to the City of Danbury.

Head Start: The demo portion of the project has been bid and awarded. The contractor has mobilized and completed the asbestos's abatement of the existing structure. The building has been demolished and the building debris (concrete, wood & other materials) have been disposed of as per the contract specifications. The backfilling operation has been completed and the contractor is demobilizing. Construction Services managed and administered this phase of the construction. We assisted the Engineering Division with a plan review for the next phase of construction. The next phase of the project has been bid. The award is pending a scope review and the construction will be managed by Construction Services.

DHS ADA Compliance: An ADA compliance walk through was conducted on December 09, 2011 with the State of Connecticut BSF Dr. Adrian Wood Bureau of Accountability, Compliance and Monitoring. There are several items remaining, including classroom furniture, which BOE will address. Construction Services will address several minor modifications to the Science Laboratories. Dr. Wood commented he was very pleased with the significant progress made by the City of Danbury to come into ADA compliance.

Construction Services has met with a laboratory supply contractor and a purchase order has been issued for the minor modifications. Construction Services has met with the mechanical contractors and received proposals based on our City on-call contract. The work is scheduled to take place during the spring school

vacation and is on-track. We continue to coordinate resolving the ADA compliance issues remaining with Rich Jalbert B.O.E. Sites and Facilities Coordinator.

Germantown Road & Hospital Avenue Intersection Improvement: Construction Services has been working with the Engineering Division to finalize the design details. This work will be performed in-house using our in-house resource's City Bid Lists. To significantly reduce the projects cost. CT Paving Co. will be performing the work and we have procured the materials. We expect a late March start date to coincide with the opening of the asphalt plants.

Middle River Road Bridge: We met with a contractor from our City Bid List, inspected the bridge and developed a preliminary scope of work. We worked with the Engineering Division to develop a budget and scope for replacing the existing structure. The box culvert vendor has been selected. The Engineering Division is reviewing the box culvert shop drawings presently. We are in the process of finalizing the construction cost with one of our contractors from our City Bid List. Using our in-house resources for materials, contracting and construction administration will reflect in a significant savings to the City. We expect a mid March start date with the construction being completed by the end of May, weather permitting or early June.

DHS Window Replacement: The window contractor has been selected. Honeywell has submitted the shop drawings for the replacement windows and doors. Construction Services is working with the architect reviewing the shop drawings and RFI's submitted by Honeywell.

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

Assessment Projects:

- Olive Street and Tilden Road Area Sanitary Sewer Extension: Project was awarded to GEG Construction, Inc. and will be completed in Spring 2012.
- Candleview Ridge Sanitary Sewer: Preliminary design and cost estimate completed. Mail survey to go out next month.
- Hawthorne Terrace Water: Waiting on State DPH final approval of contract.
- Ryders Lane and Southern Boulevard Sanitary Sewer Extension: Preliminary design and cost estimate completed. Mail survey to go out next month.
- Broad Street Sanitary Sewer Extension: Preliminary design and cost estimate completed. Mail survey to go out in next couple of months.
- Hawley Road Extension Sanitary Sewer Extension. Starting work on preliminary design and cost estimate.

Traffic:

- Review of land-use development plans; handling of public complaints and routine repair and maintenance of traffic control signal devices and pavement markings.
- The designs for the two proposed traffic lights will be completed next month and a public information meeting will be conducted in March 2012.

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.
- Field inspection of sanitary sewers, water mains and new roads are performed regularly on various developments.

- Review of drainage problems, including site visits, analysis and design.

Survey crew: Verification of R.O.W. on tree issues and locating storm drainage for the entire City using GPS equipment. Preparing surveys for in-house design of City projects.

Head Start: All plans and specifications have been secured. Project will be bid out and bids are due in February 2012.

DHS Windows and Doors: Project was bid out and work has been awarded to Honeywell who will be working with Arrow Steel Window Corporation to complete the project in the summer.

Spring Street Sidewalk and Related Improvements: Project has been surveyed and designed in house. Project will be bid out next month for spring/summer construction.

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 (203) 797-4641.

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

In the month of January, as a result of the unseasonably warm weather, the construction crew was able to perform numerous catch basin repairs. A total of fifteen (15) basins were rebuilt. Seven (7) new signs were installed this month and numerous signage repairs were completed. Crews have been out patching potholes on a daily basis.

With the help of the Parks Maintenance Division, the Christmas tree, leaf bag and brush pick-ups were accomplished. One crew continues to partner with the Forestry Division chipping debris from the October storm.

Crews are out canvassing the city streets checking for litter and other debris. The garbage truck is out on a daily basis picking up the downtown garbage cans and other debris throughout the City. The recycling truck continues to be a popular stop for many of the residents.

Should you have any questions regarding this report, please feel free to contact me at 203-797-4605.

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

The Parks Maintenance Division responded to two (2) winter storm related events during the month of January. All of the school and City parking lots were cleared of snow and ice. The crew also cleared snow from the City maintained sidewalks and downtown crosswalks.

The Parks Maintenance Division partnered with the Highway and Forestry Divisions for the Christmas tree, leaf bag and brush pick-ups. The crews continued with the litter program in the schools and City parks.

Very soon spring preparations will be underway.

Should you have any questions regarding this report, please feel free to contact me at 203-796-1558.

Forestry Division report submitted by Mark Miller, Foreman, Forestry Department:

During the month of January the Forestry Division continued removing hangers from the October storm at the following locations: Holley Street Extension, Bear Mountain Park Parking Lot, Bear Mountain Road, Main Street, Hillandale Road, Scuppo Road, Mill Ridge Primary School, College Park Road, Spruce Mountain Road, Payne Road, Forest Avenue and Tarrywile Park. This work still continues.

Take downs were performed at the following locations: Shelter Rock Road, Zinn Road, Fairview Avenue, Franklin Street, Brushy Hill Road, Mountainville Road, Ridgebury Road, Blueberry Lane, Chambers Road, Broadview Middle School, Deerhill Avenue, George Street and Cross Street. Oak trees were pruned at the high school and Liberty Street.

The Forestry Division responded to the following tree call at Old Shelter Rock Road and Brushy Hill Road.

Should you have any questions regarding this report, please feel free to contact me at 203-797-4609.

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

EECBG Grant: There are three remaining projects under this grant. The first is the replacement of pneumatic controls at City Hall with Direct Digital Controls. The second is the replacement of older exit signs with LED exit signs. The third is replacing the lighting at Hatters Hall with highly efficient LED lights. These projects are underway and should be completed over the next few months.

City Hall: One of the last large EECBG projects is the conversion of the pneumatic controls to direct digital controls throughout city hall. About twenty years ago this project started but was never completed due to a number of reasons. With these available funds the city hall building will have many original operating controls replaced by higher efficiency digital controls which will allow us to operate the environmental conditions within the building, efficiently and remotely. This project will take a few months to complete.

The audio visual system replacement for the Council Chambers is well underway. The system we desire will be fully integrated with our recording software, have a video recording component and a completely new loud speaking system. While the process has taken some time to vet, the final result will be well worth the wait.

Old Jail Building: The LOCIP funded project to replace the 1979 HVAC unit for the large room has been completed. The new efficient unit has a higher efficiency rating than the old model. It will use less fuel and provide a greater degree of comfort at a lower cost.

Hatters Park Building: The recessed lighting in Hatters Hall is being replaced with LED lighting. LED lighting is the most efficient technology available today. It provides more lumens at a lower wattage, is environmentally friendly, and has a very long life. These lamps are more expensive than compact fluorescent bulbs initially, but if you look at life cycle cost the LED's are comparable! As time goes on and the technology improves LED lighting will come down in price and be desirable for all applications.

Danbury Public Schools: The boiler rooms at Danbury High School, Broadview Middle School and Mill Ridge Intermediate School are mechanically complete, as are Mill Ridge Primary School, King Street Intermediate and Stadley Rough School. Park Avenue and Broadview Middle schools have new Venturi steam traps. Danbury High School has new wireless digital thermostats. These mechanical

systems are working well, needing only occasional minor adjustments, as is the case with any new mechanical system. These new heating plants are performing well and efficiently! Properly maintained the new boilers should last for forty years.

The window replacement portion of this project will take place next summer (2012). The heating (non-window) portion of this project is 95% complete at this time. Yankee Gas and the City are close to signing an agreement that will bring natural gas to Mill Ridge Intermediate and Mill Ridge primary schools. The new burners installed on the new boilers anticipated this event and beginning with the fall of 2012, the school can choose whatever heating fuel source is most advantageous.

The Alternative School on Locust Avenue is currently undergoing a roof and gutter redesign that includes the decorative coping. The historical structure is receiving an in-depth evaluation and design proposal to repair the source of water infiltration and keep the facility functional for years to come. Being an historical structure we are required to follow protocols that will maintain its appearance. The roof, gutter and coping design should be ready for in-house review by mid-February and be ready for bidding in late February or early March.

Homeless Shelter: The homeless shelter at 41 New Street is receiving a new emergency generator. The generator has been sized to carry the entire building load. The installation work has begun and should be completed by mid February.

Tank Replacement Project: Fire HQ, Airport, City Hall: The DEP has required that several underground tanks at these locations be replaced with compliant models. TRC, our consulting engineers have been working with the appropriate department heads to design and specify appropriate compliant replacements. At the Fire HQ, and the Airport the underground tanks will be removed and replaced with above ground tanks. The design and specifications for these replacements are complete and the project is out to bid. We will receive the bids in early February and vet the bidders prior to an award. The contract award should happen before the end of February.

Requests for Maintenance and Repairs: Attached please find the statistical analysis for repairs and maintenance work that the Public Buildings Mechanics engaged in during the month of January 2012. In the month of January we received 255 new work requests and completed 245 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).

Public Building mechanics were engaged in plumbing repairs with a total of 292.00 man-hours dedicated to this service. The next largest area of concentration was in Electrical repair work, utilizing 125.00 man-hours of labor. General Maintenance came in as the third highest category with 28.50 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 David Day, Superintendent of Public Utilities:

Enclosed is the monthly report to the Common Council for activities that took place in January 2012. Also attached is the Public Utilities Vehicle Maintenance Report.

As of February 21, 2012 there are 109 hydrants out of service. Repairs to hydrants are continuing. I will be happy to review the information with you.

Sincerely,

Antonio Iadarola, P.E.

Antonio Iadarola, P.E.
Director of Public Works

APPENDIX "A"

PUBLIC BUILDINGS

City of Danbury
Danbury Monthly Report January 2012

	Labor Hours	Total Hours This Month	Total Hours Last Month	Difference	Percent Change
Carpentry		15.50	17.00	-1.50	-9.68
City Bldgs	15.50				
Schools	0.00				
Electrical		125.00	177.00	-52.00	-41.60
City Bldgs	47.00				
Schools	78.00				
HVAC		24.50	20.50	4.00	16.33
City Bldgs	0.00				
Schools	24.50				
Locksmith		7.00	5.00	2.00	28.57
City Bldgs	7.00				
Schools	0.00				
Maintenance		28.50	86.00	-57.50	-201.75
City Bldgs	15.50				
Schools	13.00				
Mechanical		26.50	18.50	8.00	30.19
City Bldgs	7.00				
Schools	19.50				
Plowing		0.00	0.00	0.00	0.00
City Bldgs	0.00				
Schools	0.00				
Plumbing		292.00	307.25	-15.25	-5.22
City Bldgs	41.50				
Schools	250.50				
Roofing		2.00	1.50	0.50	25.00
City Bldgs	0.00				
Schools	2.00				

New Work Requests received this month 255

Work Requests Completed this month 245

MEMORANDUM

DATE: February 21, 2012
TO: City of Danbury, Common Council
FROM: *David M. Day, P.E.*, Superintendent – January 2012
RE: Sanitary Sewer Collection System Maintenance

Complaints: 12 _____

Number Received: 12 _____

Number Completed: 12 _____

Pipe Cleaned: 1,500 FT _____

Gallons of Water Used: 8,000 _____

Pipe Inspected:

COMMENTS:

**MAINTENANCE REPORT - BUILDING # 6 - GENERAL FUND
1/1/2012**

1/3/2012	24DA	POOL	WATERPUMP
	5DA	POLICE	SERVICE
	6DA	POLICE	OIL LEAK FRONT END
1/4/2012	270DA	POLICE	SERVICE
	6DA	POLICE	OIL LEAK FRONT END
	191DA	POOL	RUNS POOR NOISE
1/5/2012	19DA	POLICE	ELECTRICAL
	DET	POLICE	TRANNY LEAK SERVICE
	191DA	POOL	SERVICE BRAKES ENGINE LIGHT
	6DA	POLICE	OIL LEAK FRONT END
1/6/2012	DET	POLICE	TRANNY LEAK SERVICE
	DET	POLICE	LIGHTS
	289DA	POLICE	BRAKES SERVICE
	278DA	HEALTH	HORN SERVICE
	280DA	WATER	BLOWER RESISTOR
1/9/2012	287DA	POLICE	SERVICE
	DET	POLICE	REMOVE RADIOS
	227DA	WATER	REAR WIPER INTERIOR LIGHTS OIL LEAK
	6DA	POLICE	FRONT END
1/10/2012	287DA	POLICE	SERVICE
	6DA	POLICE	FRONT END
	72DA	ENG	BRAKES SERVICE
1/11/2012	353DA	POLICE	SERVICE
	6DA	POLICE	SERVICE
1/12/2012	33DA	POLICE	SERVICE
	353DA	POLICE	HEAT MODULE
	6DA	POLICE	MOTOR MOUNT
1/13/2012	6DA	POLICE	MOTOR MOUNT
	353DA	POLICE	HEAT MODULE
	341DA	HEALTH	FLAT
	164DA	ENG	ENGINE LIGHT
1/17/2012	191DA	POOL	ENGINE LIGHT
	NEW	POOL	SERVICE REAR STRUTS TIRES
	353DA	POLICE	HEAT MODULE
1/18/2012	DET	POLICE	SERVICE BATTERY
	NEW	POOL	SERVICE REAR STRUTS TIRES
	191DA	POOL	COOLING FAN MOTOR
1/19/2012	209DA	POLICE	ENGINE NOISE
	DET	POLICE	SERVICE
	DET	POLICE	SERVICE
1/20/2012	209DA	POLICE	ENGINE NOISE

	DET	POLICE	SERVICE
	91DA	ENG	SERVICE
	228DA	K 9	SERVICE TIRES FRONT END
1/23/2012	228DA	K 9	SERVICE TIRES FRONT END BRAKES
	209DA	POLICE	ENGINE NOISE
1/24/2012	209DA	POLICE	ENGINE NOISE
	261DA	POLICE	COOLING FAN SERVICE ABS BRAKES
1/25/2012	209DA	POLICE	ENGINE NOISE
1/26/2012	72DA	ENG	FLAT R/C
	261DA	POLICE	ABS MODULE
	209DA	POLICE	TAP CYL HEAD
1/27/2012	225DA	POLICE	FRONT END
	3DA	POLICE	LIGHTS
	209DA	POLICE	TUNE UP
1/30/2012	DET	POLICE	FLATS R/C
	261DA	POLICE	ALTERNATOR TIRE
	257DA	POLICE	BATTERY
1/31/2012	DET	POLICE	SERVICE
	257DA	POLICE	SERVICE
	271DA	POLICE	SERVICE

**MAINTENANCE REPORT - BUILDING # 6 - WATER
1/1/2012**

1/10/2012	227DA	WATER	REAR WIPER INTERIOR LIGHTS OIL LEAK
1/11/2012	227DA	WATER	INTERIOR LIGHTS
1/12/2012	227DA	WATER	INTERIOR LIGHTS
1/13/2012	227DA	WATER	DOOR SWITCH
1/18/2012	166DA	WATER	NO BRAKE OR SIGNAL LIGHTS
1/19/2012	166DA	WATER	NO BRAKE OR SIGNAL LIGHTS
1/24/2012	238DA	WATER	SANDER
1/25/2012	107DA	WATER	TRANNY NOISE

TO : City Council - City of Danbury

FROM : David Day, Superintendent of Public Utilities

DATE : February 17, 2012

RE : WATER DEPARTMENT REPORT: JANUARY 2012

I. WATER PRODUCTION :

A) Margerie Water Treatment Facility :	<u>74.7</u>	MG.
B) West Lake Water Treatment Facility :	<u>92.6</u>	MG.
C) Kenosia Well Field :	<u>0</u>	MG.
D) Osborne Street Well Field :	<u>0</u>	MG.
E) Other :	<u>0</u>	MG.

(MG. = Million Gallons)

II. RAINFALL :

A) Month :	<u>2.6</u>	inches
B) Past 12 Months (running total) :	<u>72.8</u>	inches
C) Current Year (Jan.- Current Mo.) :	<u>2.6</u>	inches

III. WATER STORAGE :

date: 1/9/2012

	<u>Current Reading</u>		<u>Historical Average</u>	
A) East Lake Reservoir :	<u>100.0</u>	%	<u>85.0</u>	%
B) Margerie Lake Reservoir :	<u>100.0</u>	%	<u>87.0</u>	%
C) West Lake Reservoir :	<u>100.0</u>	%	<u>86.2</u>	%
D) Total :	<u>100.0</u>	%	<u>86.4</u>	%

IV. WATER PUMPED :

A) Park Avenue Pump Station :	<u>0</u>	<u>MG.</u>
B) Padanaram(High School) Pump Station :	<u>4.28</u>	<u>MG.</u>
C) Shelter Rock Pump Station :	<u>3.23</u>	<u>MG.</u>
D) WestConn Pump Station :	<u>1.33</u>	<u>MG.</u>
E) Margerie Pump Station :	<u>3.40</u>	<u>MG.</u>
F) Pleasant Acres:	<u>1.47</u>	<u>MG.</u>
G) Nabby Road:	<u>1.41</u>	<u>MG.</u>
H) Harvest Hill:	<u>1.95</u>	<u>MG.</u>
I) West Lake High Service :	<u>46.6</u>	<u>MG.</u>
J) Total Water Pumped (A-I) :	<u>63.7</u>	<u>MG.</u>
	(MG. = Million Gallons)	

V. WATER TRANSFERRED :

A) East Lake to Margerie Reservoir :	<u>0</u>	<u>MG.</u>
B) Padanaram to Margerie Reservoir :	<u>0</u>	<u>MG.</u>
C) Kohanza to West Lake Reservoir :	<u>0</u>	<u>MG.</u>
D) Kenosia Diversion to West Lake Reservoir :	<u>0</u>	<u>MG.</u>
E) Kenosia Wells to West Lake Reservoir :	<u>0</u>	<u>MG.</u>
F) Total Water Transferred (A-E):	<u>0</u>	<u>MG.</u>
	(MG. = Million Gallons)	

VI. ALGAE CONTROL :

A) <u>None</u>
B) _____
C) _____

VII. SURVEY OF WATER SOURCES :

A) <u>Daily testing of treated and untreated water by water quality laboratory.</u>
B) _____

VIII. SUPERINTENDENTS NOTES :



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: Jan '12
Date: 2/10/2012

I. Wastewater Treatment:

A)	Sewage Processed:	9.7	MGD (Daily Avg)	299.2	Million Gallons Total
B)	Septic Waste Processed:			544,500	Gallons Total
C)	Sludge Pumped To Digesters:			331,168	Pounds Total

II.	Wastewater Quality	Influent	Effluent	% Removal	Effluent Limit
A)	BOD (mg/l)	190	8	96	30 mg/l and 85%
B)	Total Suspended Solids (mg/l):	200	5	97.3	30 mg/l and 85%
C)	Total Phosphorus (mg/l):	4.2	1.6	62	1.0 mg/l
D)	Ammonia (mg/l):	22.0	0.90	96	4.0 mg/l
E)	Total Nitrogen (lbs/Day):	3,057	531	83	486 lbs/day

Note: Phosphorus limits apply May - September.

Nitrogen limit for credit trading only.

III. Pump Station Operation:

A)	Beaver Brook:	762.2	Hours Run
B)	Southfield:	37.5	Hours Run
C)	Mill Plain:	755.5	Hours Run
D)	Backus:	310.5	Hours Run
E)	Tarrywile	104.0	Hours Run
F)	Turner Road:	67.7	Hours Run
G)	Ford Avenue:	26.4	Hours Run
H)	Indian Glen:	108.3	Hours Run
I)	Delay Street:	20.9	Hours Run
J)	Hayestown Road:	60.2	Hours Run
K)	Kenosia Avenue:	2.6	Hours Run
L)	Larson Drive:	54.3	Hours Run
M)	Landfill:	213.5	Hours Run
N)	Thrope Street	15.5	Hours Run

O) Poets Landing 12.2 Hours Run

P) Rogers Park 21.4 Hours Run

Total Station Alarms: 4

EQUIPMENT MAINTENANCE

Date	Vehicle	Repair Provided	Department
1/3/12	9	Lights	Highway
	10	Control cables	Highway
	48	LRO Flat	Highway
	328 DA	Flat	Highway
	2	Mirror	Highway
	34	PTO	Highway
	Tree Chipper	Ign switch	Forestry
1/4/12	41	Service	Highway
	Yellow Chipper	Ign switch	Forestry
	Green Chipper	Coolant leak	Highway
	54	Control valve	Highway
	77	Sander door froze	Highway
	24-41	Correlate plug for hot box	Highway
	24-41	Plug for hot box	Mechanics Test
1/5/12	46	Service	Highway
	26	Service	Highway
1/6/12	26	Service	Highway
	46	Service	Highway
	247 DA	Service	Building Maintenance
	Compressor	Flat tire	Highway
	55	Service	Highway
	47	Service	Highway
	5	Service	Highway
1/9/12	47	Service	Highway
	5	Service	Highway
	55	Install master cut-off/sander	Highway
	77	Service	Highway
1/10/12	124 DA	Service	Airport
	105 DA	Service / front brakes	Engineering
	38	Brake agj.	Highway
	124 DA	Service	Airport

	7	RC Airport Check PTO shaft	Airport
1/11/12	124 DA	Service	Airport
	29	Check sander	Highway
	Hot Box	Fuel leak	Highway
	8	Spinner adjustment	Highway
	30	Adjust relief valve	Highway
	7	RC Airport Check PTO shaft	Airport
	33	Lights	Highway
	86	PTO	Highway
1/12/12	151 DA	w/s wipers	Forestry
	46	w/s wipers	Highway
	86	PTO	Highway
	248 DA	Check noise	Building Inspector
	109	Install tire	Highway
1/12/12	1	Windshield / JN Phillips	Highway
	161 DA	Windshield / JN Phillips	Highway
	167 DA	Brake lines	Park Maintenance
	42 DA	Wipers	Forestry
1/13/12	86	PTO	Highway
	167 DA	Brake lines	Park Maintenance
	252 DA	Service / lights	Building Maintenance
	92 DA	Fuel tank straps	Forestry
	248 DA	Cross member bracket	Building Inspector
	3	Service	Highway
1/17/12	3	Service	Highway
	26	Sander light	Highway
	30	Hydraulic leak	Highway
	55	Plow fittings	Highway
	8	Sander control knob	Highway
	331 DA	RS head lights	Park Maintenance
1/18/12	248 DA	Motor mounts	Building Inspector
	30	Hyd pump	Highway
	31	Valve spool cover	Highway
1/19/12	167 DA	Motor mounts	Park Maintenance
	187 DA	Plow frame bolts	Park Maintenance
	19	Lights / sander chute	Highway
	86	Heater motor	Highway
	6	Install sander	Highway
Snow 8:30 pm	86	Install heater motor	Highway
	6	Install sander	Highway
1/20/12	32	Sander lights / RF tire	Highway
	19	Plow light	Highway

	54	Wipers	Highway
	25	Sander lights	Highway
	87	Light 3 / head light assembly	Highway
	151 DA	Service	Forestry
	355 DA	Screw in tire	Park Maintenance
	29	Plow fittings	Highway
	17	No regen	Highway
	17	Knox wire harness/ TruckCenter	Highway
	147 DA	Plow spring / plow shield	Building Maintenance
1/21/12	4	Plow pins	Highway
Storm	28	Check fluids	Highway
	54	RC Airport / Flat	Highway
	24	Trans fluid leak/ towed boston	Highway
	106 DA	Wipers	Highway
	26	No defroster	Highway
	34	Wipers	Highway
	77 DA	Wipers	Highway
	87	RRO flat	Highway
1/21/12	86	Hyd leak / plow pins	Highway
Storm	64 DA	Rear wiper	Building Maintenance
	18	RRO flat	Highway
	14	Hyd leak	Highway
	106 DA	Axel noise	Highway
	25	Hyd leak	Highway
1/22/12	54	Hyd leak	Highway
Storm	86	RC Parks / No run	Highway
Clean up	23	Hyd leak	Highway
	26	Idler	Highway
1/23/12	248 DA	To spring shop	Building Inspector
	24	Empty sander / to Jerry's	Highway
	17	Remove drive shaft	Highway
	106 DA	Front axles	Highway
	92 DA	Fuel tank straps and frame	Forestry
	325 DA	Air governor	Highway
1/24/12	106 DA	Front differential	Highway
	92 DA	Service / brakes	Forestry
	Crown Vic	Battery / check fluids	Bld 4
	Hot Box	Fuel processor	Highway
	144 DA	Check engine light	Building Inspector
	109	RC Long Ridge / Hyd hose	Highway
	25	Brakes froze	Highway
	260 DA	Plow won't go down / plow lights	Building Maintenance

1/25/12	25	Air valve	Highway
	92 DA	Rear / front brakes	Forestry
	272 DA	RC Rowan St Fuel cell strap	Park Maintenance
	91	Air not building up	Highway
	23	Hyd leak	Highway
1/26/12	23	Hyd leak	Highway
	25	Trailer and maxi brake control	Highway
	9	Electrical	Highway
	12	Rear tires / diff lock	Highway
1/27/12	12	Rear tires / diff lock	Highway
	20	Wipers and horn	Highway
	59	Hyd hose	Highway
	33	RS mirror	Highway
	92 DA	Fuel tank filler	Forestry
	10	Adjust wiper	Highway
1/27/12	28	Rear tires / diff lock	Highway
	26	Heater control	Highway
1/30/12	92 DA	Fuel tank	Forestry
	28	Diff lock	Highway
	106 DA	Front end	Highway
1/31/12	106 DA	Front diff	Highway
	30	Hyd pump	Highway
	26	Starter	Highway