

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 20, 2014

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

RE: Monthly Report for January 2014

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 of the Public Works Divisions were heavily engaged in winter storm operations during the month of January. Following each storm, the construction crew and Equipment Maintenance Division were very busy repairing plows and other equipment in order to be prepared for any subsequent events. Construction Services is closely monitoring the school addition and renovation projects to ensure that the jobs remain on schedule. The weather has completely impacted the schedules and almost all exterior work had to stop. We are working at ways to expedite the work in the spring.

All of the Division Managers and myself engaged in budget preparations attending internal and external meetings. Discussions and meetings were held with all of the public works division managers regarding their operating budgets, staffing and the poor economic atmosphere we are experiencing and what, as the third largest department in the City, we can do to continue to keep our costs down.

Please take a few moments to review the Division reports for a full scope of the many activities and projects that the Public Works Department is engaged in.

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 Hughes III, Superintendent:

Tarrywile Park: School House Project: The architectural service for the renovation was awarded to Friar Associates. Friar Associates has finalized the project specifications and bid documents. The project was to bid for the Tarrywile Park Authority J&M Construction is the apparent low bidder \$ 69,900.00. Construction Services will administer the project. We performed the required scope review with the low bidder J&M Construction. The Corporation Counsel's office was notified of our satisfactory scope review. Corporation Counsel's office is now proceeding to prepare a contract for execution between the City of Danbury & J&M Construction for the School House Renovation. This project is funded through a LOCIP Grant.

Osborne Street at Fifth Street Traffic Signal Installation: ConnDot project 34-344, Construction Services has been approved by ConnDot to perform the contract administration and inspection of the project, eliminating the need to hire an outside consultant. The contractor, A.M. Rizzo has completed the civil portion of the project. All the Mast Arm Foundations have been installed. The ground water table was discovered to be extremely high requiring the Design Engineer to redesign the remaining three Mast Arm Foundations due to this unforeseen condition. A.M. Rizzo has submitted several proposed change order for the additional work that was required. We are in the process of requesting that ConnDot approve this additional work as a participating cost. The project calendar days can not stop till the new pavement markings have been installed. Once the pavement markings have been installed we will schedule a semi final inspection with District IV ConnDot Construction and the City of Danbury Traffic Engineer.

School Additions: Shelter Rock, Stadley Rough, Park Avenue and Mill Ridge Intermediate: Construction Services is administrating the school addition projects. All four of the schools have signed contracts and Notices to Proceed documents issued.

Mill Ridge sub-contractors have mobilized and begun the abatement, demolition and mechanical phase of the contract. The demolition / abatement is continuing and should be completed by 10/30/13. The site contractor has mobilized and is installing the new drainage and excavating for the new curbs and sidewalks.

Stadley Rough School Phase II work has begun. The excavation for the footings and foundations is completed. The contractor has poured the foundation walls, waterproofed the foundation and installed the slab structural fill. The classroom addition concrete slabs have been poured. The structural steel has been set for the cafeteria addition. The contractor has begun setting the classroom structural steel. The mechanical contractors are onsite completing the inside plumbing. The mason has started installing the CMU on the cafeteria walls. An additional 27 parking spaces and two more Handicap parking spaces have been added (80 parking spaces including 4HC).

Shelter Rock School Phase II work is underway. The footings / frost walls for both the cafeteria and rear additions have been poured. The slabs have been poured for the cafeteria and the classroom additions. The structural steel has been set for the cafeteria addition and classroom additions. The roof decking is in place and mason and framers are presently working enclosing the cafeteria addition. The mechanical contractor has also installed all the below slab plumbing and radon system. An additional 7 parking spaces and two more Handicap parking spaces have been added (80 parking spaces including 4HC).

Park Avenue School Phase II work is underway. The contractor has formed and poured the footings and foundation walls. The drainage has been completed and the new playscape installed. The contractor is setting the structural steel and decking on the new addition. The mason has installed the CMU for the stair towers and elevator shaft. The addition concrete slab is scheduled to be poured by the end of the month. An additional 25 parking spaces and two more Handicap parking spaces have been added (66 parking spaces including 3HC).

All schools now have a dedicated bus drop off zone. At this time both Rizzo Corporation and Worth Construction have stated they are on schedule and anticipate meeting the contractual completion date for all four school projects.

The recent extreme cold weather has had an affect on the schools schedule and production. We appear to be on track to deliver the schools for occupation for the start of school 2014. Though there will be additional effort required by the contractors due to the harsh winter conditions we have experienced to date.

East Franklin Street Pump Station: Hemlock Construction has mobilized and has completed the installation of the new sewer pump station. Hemlock has completed the installation of conduits, sewer force main and sewer laterals. The remaining work is to tie the force main sometime in early spring.

Should you have any questions regarding this report, please do not hesitate to call.

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

The following assessment projects are the only projects pending on the list based on residents' petitions:

1. Butternut Lane, Bayberry Lane and Boxwood Lane Sanitary Sewer Extension: Working on preliminary design and cost estimate.
2. Hawley Road Extension Sanitary Sewer Extension: Working on preliminary design and cost estimate.

Long Ridge Road Bridge: New bridge was constructed and road was open to traffic.

East Franklin Street Bridge/Sanitary Sewer Pump Station: Bridge work has been completed. We completed the in-house design to relocate the existing sewer in the brook with an above-ground pump station. City contracted with one of our on-call contractors. Work is 85% completed and work will be completed this winter weather dependent.

Miscellaneous Schools (Park Avenue, Shelter Rock, Stadley Rough and Mill Ridge): Construction has started on all schools. We are working with various interior designers and school officials to finalize furniture and equipment to all schools mentioned above. The furniture and equipment packages have been delivered to the State for review and have been accepted for review. Construction is anticipated to start in Spring/Summer 2014 Playscape at Park Avenue School has been completed.

Spring Street: In house survey was completed for Phase II & III (the remaining neighborhood enhancement work) which will include new sidewalks, drainage, and pavement improvements. The design for this project will be completed in the Winter/Spring and construction is anticipated to start in Spring 2014.

Foster Street: In house design and survey to Foster Street from West Street to West Wooster Street was completed and will be out to bid after CDBG money has been allocated for this project. Survey to Boughton Street and Bank Street was completed and design of these two streets was completed. We anticipate to bid the entire neighborhood project this winter for start of construction in Spring 2014.

Kennedy Park: Surveys have been completed and the schematic design has commenced and was presented to City Center for approval. Final design has been completed and we are soliciting bids/quotes from on call contractor for Spring 2014 start of construction.

Traffic Light – Osborne and Fifth Avenue: The construction of the traffic light has been completed and the traffic light is currently flashing until it is accepted by the City.

Traffic Light – Lake Avenue/Shannon Ridge: All plans and specifications that have been completed and approved by the State have been secured. Project bid was reviewed. Bid was rejected and project will be readvertised next month.

Traffic Engineer and his Technicians are reviewing various land-use development plans; handling of public complaints and routine repair and maintenance of traffic control signal devices and pavement markings. The Backus Avenue corridor traffic lights plans and specifications have been accepted by the State and were bid out. Construction started and will be completed by spring of 2014.

Staff Engineers are reviewing various site plans, water and sewer applications, special exception applications, and subdivision applications for various land-use approvals of on-going development projects throughout the City. Field inspection of sanitary sewer, water mains and new roads are performed regularly on various developments. The Staff Engineers also review various drainage problems which may include site visits, analysis and design.

Survey Crew verifies various R.O.W., prepares surveys and easements for in-house design of City projects and assists other divisions in locating utilities in the field.

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:

The Highway Division responded to eight (8) weather related events, from freezing rain to snow. Snow removal was performed at schools and some dead ends following each storm. A two person crew was dispatched for pothole repair as weather permitted. Other crews were dispatched to perform mailbox repairs, fill sand barrels and patrol for litter and debris. The Christmas tree collection commenced and we appreciate the assistance of the Parks Division

with this task. Highway personnel were dispatched to clear catch basins along their routes, weather permitting.

The recycling truck has been available to the residents as conditions permit. The garbage truck is dispatched daily to empty trash cans and other debris in the downtown area. No new signs were installed, however numerous repairs were made at various locations throughout the City.

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

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

January started off a very busy year for the Parks Department. There were (8) eight weather events during the month. The team effort of the Forestry Division was very much appreciated with plowing the school parking lots and City maintained sidewalks and downtown crosswalks. The crews also were pleased to assist the Highway Division with the Christmas tree collection. Winter maintenance on the mowing equipment continues to prepare for the spring season.

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 devoted a great deal of time performing snow related operations. The crew plowed parking lots and city roads and removed snow on crosswalks and at bus stops resulting from winter storm events.

Weather permitting, trees in Kennedy Park were pruned, a large log and dead tree were removed on Mountainville Avenue, and a tree was removed from under Crosby Street Bridge. Hangers were removed on Windaway Road, 134 Stadley Rough Road and at the WIC building. Tree work was also performed at Old Quarry Nature Center parking lot.

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:

City Hall: The priority for City Hall infrastructure is an energy efficiency upgrade for the heating boilers and water heater at City Hall. The upgrade will save a good amount of fuel while yielding a very comfortable environment, one in which we will have a backup heating plan should one boiler fail. This is a most important project as we currently have only one functional boiler. I have identified this work as a top priority for 2014-2015. The intent is to design the project within the next few months and fund the replacement in the upcoming capital budget.

Farrington Woods Park – Westside Open Space: The chow house at the Farrington Woods Park proposal from Mr. Ahern was sent to an Ad Hoc committee for review and a report. The committee met in January and will report at the February council meeting.

The Friends of the Library are currently using the main house to store their books prior to the book sale. Once the sale is finished, the building will be readied for the winter. This building is slated for renovation in the spring.

Danbury Public Schools: There are two high voltage transformers at Danbury High School which CL&P has stated belong to the school which are of the older design containing PCB's. This year we are working with our consulting electrical engineer to remove the PCB laden transformers and replace them with safer models. Additionally, these transformers are in the school building. It is our goal to relocate them outside of the school building which will increase safety and performance. We have retained Friar Associates Engineers to perform the electrical engineering for the city. They have their design and replacement work completed. They are preparing a budget which includes proper handling and disposal of the PCB laden transformers. The project will be bid in the late winter/early spring to be performed while school is out for summer vacation.

There are three school buildings that require new roofs; Morris Street School, Great Plain School and the Educational Services Center. Two roofs are eligible for state reimbursement from the State School facilities Department (Morris St. & Great Plain) The Morris St. and Educational Services Center replacement roofs will be designed and bid over the winter, with work to begin with the summer recess. If funding allows, we will move on to Great plain school.

Library Annex: The Library annex had a major renovation. The renovated first floor space will house the Danbury Innovation Center; a downtown think tank for inventors and planners. Part of this first floor will house a café for the Danbury Library as well as the Innovation Center patrons. The license agreement for the tenants was postponed until the February Council. The work is completed and we are awaiting issuance of the Certificate of Occupancy.

General: These are issues and projects that are being worked on by the public buildings team:

- 1) Snow removal efforts, in the plowing of the school parking lots, top the list of work performed. This is one bad winter and we have exceeded both the number of storms and the total snowfall.
- 2) The underground heating fuel storage tanks are coming of age. We will have them reviewed by professional engineers and begin a replacement program. We have retained TRC to provide their engineering prowess in this endeavor.
- 3) The roofs of our public buildings are beginning to reach the end of their life and will require replacement. They have been surveyed and we are utilizing the roof report to begin our replacement program.
- 4) The unusually cold weather is stressing the heating systems in our aging buildings. We are using more heating fuel than originally anticipated.

Requests for Maintenance Service: Attached please find the statistical report of repairs and maintenance work that the Public Buildings Mechanics engaged in during the month of January 2014.

In the month of December we received 237 new work requests and completed 201 work requests. In reviewing this report, you will find the repair time that was expended in major work categories.

Public Building mechanics were engaged in Electrical repairs for a total of 180.25 man-hours dedicated to this service. The next largest area of concentration was in Plowing of Schools, utilizing 176.25 man-hours of labor. Plumbing repairs came in as the third highest category with 175.50 man-hours.

Should you have any questions regarding this report, please do not hesitate to contact me at 203-797-4584. 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 2014. Also attached is the Public Utilities Vehicle Maintenance Report.

As of February 19, 2014 there are 38 hydrants out of service. 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
PUBLIC BUILDINGS DIVISION
WORK REQUEST REPORT FOR JANUARY 2014

Work Requests received this month	237
Work Requests completed this month	201

Category	Total Labor Hours
Alarms	0.00
Carpentry	7.50
Electrical	180.25
HVAC	20.00
Locksmith	0.00
Maintenance	39.00
Mechanical	30.00
Plumbing	175.50
Roofing	11.00
Snow Plowing	176.25

Labor Hours City Buildings	164.50
Labor Hours School Buildings	475.00

TO : City Council - City of Danbury
 FROM : David Day, Superintendent of Public Utilities
 DATE : February 19, 2014

RE : WATER DEPARTMENT REPORT: JANUARY 2014

I. WATER PRODUCTION :

A) Margerie Water Treatment Facility :	<u>76.6</u>	<u>MG.</u>
B) West Lake Water Treatment Facility :	<u>83.4</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>2.7</u>	<u>inches</u>
B) Past 12 Months (running total) :	<u>42.5</u>	<u>inches</u>
C) Current Year (Jan.- Current Mo.) :	<u>2.7</u>	<u>inches</u>

III. WATER STORAGE :

date: 1/28/2014

	<u>Current Reading</u>		<u>Historical Average</u>	
A) East Lake Reservoir :	<u>83.9</u>	%	<u>85.6</u>	%
B) Margerie Lake Reservoir :	<u>85.8</u>	%	<u>86.8</u>	%
C) West Lake Reservoir :	<u>87.6</u>	%	<u>85.7</u>	%
D) Total :	<u>83.6</u>	%	<u>86.1</u>	%

IV. WATER PUMPED :

A) Park Avenue Pump Station :	<u>0</u>	<u>MG.</u>
B) Padanaram(High School) Pump Station :	<u>4.95</u>	<u>MG.</u>
C) Shelter Rock Pump Station :	<u>2.33</u>	<u>MG.</u>
D) WestConn Pump Station :	<u>1.68</u>	<u>MG.</u>

E) Margerie Pump Station :	<u>1.20</u>	<u>MG.</u>
F) Pleasant Acres:	<u>1.93</u>	<u>MG.</u>
G) Nabby Road:	<u>1.37</u>	<u>MG.</u>
H) Harvest Hill:	<u>2.43</u>	<u>MG.</u>
I) West Lake High Service :	<u>45.3</u>	<u>MG.</u>
J) Total Water Pumped (A-I) :	<u>61.2</u>	<u>MG.</u>
	(MG. = Million Gallons)	

V. WATER TRANSFERRED :

A) East Lake to Margerie Reservoir :	<u>93</u>	<u>MG.</u>
B) Padanaram to Margerie Reservoir :	<u>20.8</u>	<u>MG.</u>
C) Kohanza to West Lake Reservoir :	<u>14.1</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>127.9</u>	<u>MG.</u>
	(MG. = Million Gallons)	

VI. ALGAE CONTROL :

- A) None
- B) _____
- C) _____

VII. SURVEY OF WATER SOURCES :

- A) Daily testing of treated and untreated water by Water Quality Laboratory.
- B) _____

VIII. SUPERINTENDENTS NOTES :

MEMORANDUM

DATE: February 19, 2014
TO: City of Danbury, Common Council
FROM: *David M. Day, P.E.*, Superintendent
RE: Sanitary Sewer Collection System Maintenance— January 2014

Complaints: 9

Number Received: 9

Number Completed: 9

Pipe Cleaned: 2300 LFT

Gallons of Water Used: 15,000 gal

Pipe Inspected: 2300 LFT

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: Jan '14

Date: 2/18/2014

I. Wastewater Treatment:					
A)	Sewage Processed:	8.2	MGD (Daily Avg)	254.4 Million Gallons Total	
B)	Septic Waste Processed:			303,100 Gallons Total	
C)	Sludge Pumped To Digesters:			233,742 Pounds Total	
II. Wastewater Quality					
		Influent	Effluent	% Removal	Effluent Lim
A)	BOD mg/l)	191	11	94	30 mg/l and 85%
B)	Total Suspended Solids (mg/l):	216	10	95.2	30 mg/l and 85%
C)	Total Phosphorus (mg/l):	4.8	2.2	55	1.0 mg/l
D)	Ammonia (mg/l):	25.4	0.88	97	4.0 mg/l
E)	Total Nitrogen (lbs/Day):	3,046	487	84	452 lbs/day
Note: Phosphorus limits apply April - October.					Nitrogen limit for Credit trading only.
III. Pump Station Operation:					
A)	Beaver Brook:	740.5	Hours Run		
B)	Southfield:	34.1	Hours Run		
C)	Mill Plain:	44.3	Hours Run		
D)	Backus:	105.8	Hours Run		
E)	Tarrywile	42.4	Hours Run		
F)	Turner Road:	25.7	Hours Run		
G)	Ford Avenue:	23.8	Hours Run		
H)	Indian Glen:	91.5	Hours Run		
I)	Delay Street:	21.7	Hours Run		
J)	Hayestown Road:	59.8	Hours Run		
K)	Kenosia Avenue:	3.0	Hours Run		
L)	Larson Drive:	55.4	Hours Run		
M)	Landfill:	236.4	Hours Run		
N)	Thrope Street	10.1	Hours Run		
O)	Poets Landing	10.8	Hours Run		
P)	Rogers Park	20.7	Hours Run		
P)	West Side	42.0	Hours Run		

Total Station Alarms: 6

MAINTENANCE REPORT - BUILDING # 6
GENERAL FUND
January-2014

1/2/2014	15DA	POLICE	HEADLIGHT
1/3/2014	15DA	POLICE	FLAT R/C
1/6/2014	24DA	POOL	FUEL PUMP
	DET	POLICE	FLAT R/C
1/7/2014	24DA	POOL	FUEL PUMP
	287DA	POLICE	BLEND DOOR MOTOR
1/8/2014	17DA	POLICE	AIRBAG LIGHT TIRE LIGHT
	24DA	POOL	FUEL PUMP
	7DA	POLICE	NO START
1/9/2014	DET	POLICE	BATTERY R/C
	72DA	POOL	BATTERY
	287DA	POLICE	STARTER ALTERNATOR
	7DA	POLICE	BATTERY TIRE LIGHT
1/10/2014	197DA	POOL	FLAT R/C
	72DA	POOL	LIGHTS
1/13/2014	385DA	POLICE	BRAKES SERVICE
1/14/2014	375DA	POLICE	BATTERY
	384DA	POLICE	SERVICE
	DET	POLICE	BATTERY
1/15/2014	115DA	POOL	CALIPER BRAKE HOSE
	384DA	POLICE	BRAKES SERVICE
	DET	POLICE	BATTERY
1/16/2014	384DA	POLICE	SERVICE BRAKES TIRES
	115DA	POOL	DOOR AJAR NOISE
	222DA	POLICE	FLAT R/C
1/17/2014	DET	POLICE	STARTER
	DET	POLICE	BATTERY
1/18/2014	DET	POLICE	STARTER
		POLICE	REPAIR TIRES
1/21/2014	137DA	HEALTH	NO START
1/22/2014	222DA	POLICE	ELECTRICAL
	375DA	POLICE	WIPERS
1/23/2014	12DA	POLICE	OVERHEATS
	DET	POLICE	BRAKES
1/24/2014	DET	POLICE	SERVICE
	263DA	HEALTH	FLAT R/C
1/27/2014	150DA	POOL	FROZEN DOOR LOCKS R/C
	334DA	POLICE	SERVICE BRAKES TIRES
1/28/2014	334DA	POLICE	SERVICE BRAKES TIRES
	DET	POLICE	BATTERY
1/29/2014	157DA	POLICE	PIL LEAK

	353DA	POLICE	SERVICE BRAKES TIRES
1/30/2014	DET	POLICE	AIRBAG LIGHT TIRE LIGHT
	18DA	POLICE	NO START
1/31/2014	18DA	POLICE	NO START
	DET	POLICE	FUEL PUMP

MAINTENANCE REPORT - BUILDING # 6
WATER FUND
January-2014

1/2/2014	160DA	WATER	WIPERS
	238DA	WATER	REPAIR PLOW
1/3/2014	276DA	WATER	REPAIR SANDER
1/6/2014	SANDER	WATER	REPAIR SANDER
1/7/2014	MOWER	WATER	SPINDLE
1/10/2014	369DA	WATER	RUNS POOR
1/13/2014	369DA	WATER	COIL BELT TENSIONER TIRE LIGHT BULBS
1/14/2014	369DA	WATER	REAR END
1/16/2014	280DA	WATER	HEATER MOTOR
1/17/2014	324DA	WATER	WHEEL STUDS SERVICE
1/18/2014	324DA	WATER	WHEEL STUDS SERVICE TIRES
1/21/2014	273DA	WATER	NO HEAT

EQUIPMENT MAINTENANCE

Date	Vehicle	Repair Provided	Department	
1/2/14	47DA	Plow lights	Parks	
	31	4 ways	Highway	
	24	Sander chute baffle	Highway	
	86	R/S wiper arm	Highway	
	210DA	Plow Lights	Building Maintenance	
	96	Wiper blade	Highway	
	19	HYD Hose	Highway	
	33	L/S Dragline hits plow frame	Highway	
	11	Adj Brakes	Highway	
	54	Strobe lens	Highway	
	26	Adj Brakes	Highway	
	28	Cable frozen	Highway	
	30	W/S washer hose	Highway	
	14	L/S Tail lights	Highway	
	151DA	Plow Lights	Tree	
	24	Check Oil	Highway	
	34	Hyd Leak	Highway	
	173	Plow don't work	Parks	
	50	Wipers	Highway	
	11	Wipers	Highway	
	8	Check trans fluid	Highway	
	28DA	Plow hose	Parks	
	16	RF Flat	Highway	
	1	Plow Chain	Highway	
	31	Wiper blade	Highway	
	2	Wiper Motor	Highway	
	1/3/14	16	Wipers	Highway
		5	Wipers	Highway
		392DA	Air Tires	Building Maintenance
		54	Curb between tires	Highway
48DA		Air Tires	Highway	
2		Hyd oil/ Plow lights	Highway	
247DA		Plow won't stay up	Building Maintenance	
37		Plow hose	Highway	
1/4/14	124DA	Fuel Filter	Airport	
	10 Wheeler	Airtanks fuel line frozen	Highway	
	10	Washer hoses	Highway	
1/5/14	35	Fuel tank fill tube	Highway	
	37	Wipers	Highway	
25	2 RR Flats	Highway		

1/6/14	83	Seasonal	Highway	
	1	Center brace	Highway	
	111DA	Service	Inspector	
	181	Compact Cable	Highway	
	105Da	Air Tires	Engineering	
1/7/14	83	Seasonal	Highway	
	111DA	Service	Inspector	
	14	Lights	Highway	
	86	Exhaust/ Hyd Lines	Highway	
	151DA	Lights	Tree	
1/8/14	83	Seasonal	Highway	
	86	HYD Hose	Highway	
	111DA	Brake Line	Inspector	
	272DA	L/S door handle	Parks	
	30	Lights	Highway	
1/9/14	92DA	Brake Line	Tree	
	86	Hyd lines	Highway	
	87	Adj Brakes	Highway	
	34	Bent door	Highway	
	33	No heat	Highway	
	32	Adj Brakes	Highway	
	106DA	Noice in brakes	Highway	
	28	Lights	Highway	
	1/10/14	28	Stobes	Highway
		32	Adj Brakes	Highway
45		Plow shackle	Highway	
10		Plow hose	Highway	
2		Tighten sander chains	Highway	
151DA		Fill plow pump	Tree	
7		Wipers	Highway	
87		Bent door	Highway	
6		Adj Brakes	Highway	
1/11/14		25	Air Tires	Highway
	5	Sander lights	Highway	
	86	Side dump	Highway	
	54	No Reverse	Highway	
	21	Hyd leak	Highway	
1/13/14	31	Drivers door	Highway	
	106DA	Road test	Highway	
	25	Adj Brakes	Highway	
	1	Plow Lights	Highway	
	14	P/S Leak	Highway	
	4	Back up alarm	Highway	
	2	Lights	Highway	

	54	Trans	Highway
	28	Back up alarm	Highway
	14	Str Box	Highway
1/14/14	83	Seasonal	Highway
	54	Trans	Highway
	14	Str Box	Highway
	49DA	Engine lights	Parks
	41	Strobes	Highway
	2	Strobes	Highway
	15	Windshield	Highway
	27	Windshield	Highway
	11	Brakes locked	Highway
1/15/14	83	Seasonal	Highway
	54	Trans	Highway
	14	Str Box	Highway
	33	Hyd Leak	Highway
	32	L/S mud flaps brackets	Highway
1/16/14	83	Seasonal	Highway
	167DA	Service	Parks
	54	Trans	Highway
	21	Nail in R/F tires	Highway
	180	RRI Flat	Highway
	349DA	Heater	Highway
	48	Strobes	Highway
	65DA	Air leak	Highway
1/17/14	83	Seasonal	Highway
	65DA	Quick release valve	Highway
	326DA	Coolant leak	Highway
	44	Hyd Filter	Highway
	Hot Box	Timer	Highway
1/18/14	83	Seasonal	Highway
	Chipper	L/S tire	Tree
	49DA	Service	Highway
	30	Adj Brakes	Highway
	4	LRO Flat	Highway
	54	No Reverse	Highway
	1	Plow hose	Highway
	29	Hyd leak	Highway
1/21/14	29	Hyd leak	Highway
	26	R/S Front hub	Highway
	214Da	Service	Building Maintenance
	14	Strobes	Highway
	9	Adj Brakes	Highway
	8	Adj Brakes	Highway

	28	Wipers	Highway
	33	Mirror bracket	Highway
	1	Tighten plow fitting	Highway
	30	Air valve	Highway
	6	Strobes	Highway
	44	Plow Frame	Highway
	87	Adj Brakes	Highway
	37	Side dump	Highway
	315DA	Brake shoes	Tree
	19	Sander lights	Highway
	7	Auger stuck	Highway
	331DA	Plow connections	Parks
	31	R/S mirror	Highway
	147DA	Plow won't go down	Building Maintenance
1/22/14	14	Plow pin	Highway
	11	Plow guide	Highway
	28	Valve body	Highway
	17	Auger Adj Spring	Highway
	12	Valve body	Highway
	6	Plow guide	Highway
	111DA	L/R tire	Inspector
	25	RR studs broke	Highway
	32	Plow guide	Highway
1/23/14	111DA	Studs and nuts	Inspector
	25	RR studs broke	Highway
	198DA	Plow trip spring	Parks
	31	Sander lights	Highway
	7	Tighten sander chains	Highway
	29	Strobes	Highway
	2	Sander strobes	Highway
1/24/14	31	Lights	Highway
	25	Valve body	Highway
	12	ICC Lights	Highway
	2	Lights	Highway
	27	RR Gasket	Highway
	30	Air valve	Highway
1/25/14	30	Air valve	Highway
	54	No Reverse	Highway
	25	RR Hub	Highway
	48	Wipers	Highway
	315DA	Brakes locked	Highway
	3	Oil Pump	Highway
	44	RR Flat	Highway
1/27/14	198DA	Sander drive belt	Highway

	83	Seasonal	Highway
	3	Oil Pump	Highway
	315DA	Trailer Jack	Highway
	30	Dash Brackets	Highway
	28	Quick release valve	Highway
	75DA	Door	Inspector
	349DA	Lights	Parks
	87	Air leak	Highway
	121DA	Service	Highway
1/28/14	83	Seasonal	Highway
	87	Service	Highway
	9	Adj Brakes	Highway
	91	Jump Start	Highway
	TW4	Trap	Highway
	2	Shifter	Highway
1/29/14	83	Seasonal	Highway
	54	RR Trans	Highway
	325DA	Service	Highway
\	28	Thump noice	Highway
	TW2	Tail Gate	Highway
	27	Sander lights	Highway
	121DA	Intake gaskets	Unit
1/30/14	83	Seasonal	Highway
	121DA	Intake gaskets	Unit
	326	Radiator	Highway
	162DA	Swap tires	Highway
1/31/14	83	Seasonal	Highway
	121DA	Intake gaskets	Unit
	14	Remove Chain	Highway
	41	Service	Highway
	47	Adj Brakes	Highway
	67	RF Tire	Highway
	10	Lights	Highway