

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.

April 23, 2012

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

RE: Monthly report for March 2012

Dear Mayor Boughton and Members of the City Council:

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

All Divisions are continuing to move into the spring season preparing fields and school playgrounds. The sweeping program is moving strong. The contractor has mobilized to the Middle River Road Bridge and is anticipated to start work at the end of the month.

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 which was granted. The CT DECD approved the change order for point to point Broadband to fiber optic traffic signal communications system, which a Change Order was issued to EMI. 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

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.

Tarrywile Park: The parking lot has been completed, using our in-house resources and City Bid Lists to reduce the cost. We have the budgetary number to replace the mansion roof and gutters. We are in the process of verifying funding with the Tarrywile Park Authority Administration to move forward into the bidding phase.

Head Start: The demo portion of the project has been completed on schedule and within budget. 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 has completed modifications to the Science Laboratories for ADA compliance. Dr. Wood commented he was very pleased with the significant progress made by the City of Danbury to come into ADA compliance.

Germantown Road & Hospital Avenue Intersection Improvement: Construction Services has begun the project. The Engineering Division has made some minor design modifications to accommodate the adjacent commercial property owner to sign off for our right to grade. This work is being performed in-house using our in-house resource's City Bid Lists to significantly reduce the projects cost. CT Paving Co. has mobilized to the site and started the intersection improvement work. The project is being administrated and inspected by Construction Services.

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 contractor has mobilized and started the bridge replacement. Using our in-house resources for materials, contracting and construction administration will reflect in a significant savings to the City. We expect to complete 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. The abatement contract has been rebid we are awaiting the contract to be awarded. Once the abatement contractor has signed the contract we will begin coordination meetings with all parties. This will be a fast paced project administered by the Construction Services Division.

Spring Street Curb & Sidewalk: Construction Services has been working with the Engineering Division to review the scope of work. The project has been bid we are awaiting a contractor to be qualified and selected.

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

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

- Ryders Lane and Southern Boulevard Sanitary Sewer Extension: Preliminary design and cost estimate completed. Mail survey was sent out.
- Broad Street Sanitary Sewer Extension: Preliminary design and cost estimate completed. Mail survey to go out next month.
- Johnson Drive, East Pembroke Road and Hawley Road Sanitary Sewer Extension: Working on preliminary design and cost estimate.
- Butternut Lane, Bayberry Lane and Boxwood Lane Sanitary Sewer Extension: Starting work on preliminary design.
- Hawley Road Extension Sanitary Sewer Extension: Starting work on preliminary design.
- Crosby Street Bridge: Approval of the long-outstanding Flood Management Certificate was secured from the State. The City applied for the last required certification from the Army Corps of Engineers.
- Middle River Road Bridge: Construction started and should be completed in 3 months.
- Long Ridge Road Bridge: Currently working on in-house design of the bridge. Working with Corporation Council on securing easement.
- East Franklin Street Bridge: The City started the design to relocate the existing sewer in the brook with an above-ground pump station. Also, we will address the scour problem that exists in the abutment walls of the bridge during the sanitary sewer relocation.
- Misc. Bridges: The City hired one of our on-call consultants to inspect various bridges in the City. Evaluation of these bridges will be done in the next several months.
- Spring Street Sidewalk and Related Improvements: Project has been surveyed and designed in-house. Project was bid out and bids were open and are under review.
- Germantown Road and Hospital Avenue Intersection Improvement: Project was awarded and is underway. Work will be completed by the summer.
- DHS Windows and Doors: Bid package #1 was awarded to Honeywell. In the summer, Honeywell will be working with Arrow Steel Window Corporation to complete the project. Bids for bid package #2 were open and are under review.
- Head Start: Project was bid out, and bids are under evaluation.
- 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.
- Staff engineers are reviewing various site plans, water and sewer applications, special exception applications, and subdivision applications for various land-use approval of on-going development projects throughout the City. Field inspection of sanitary sewer, water mains and new roads are performed regularly on various developments. Review various drainage problems, including 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:

In the month of March, the Highway Division did numerous catch basin repairs. A total of sixteen (16) basins were rebuilt on thirteen (13) of the City's streets and two (2) basins were rebuilt at King Street School. Guard rail repairs were performed on Cross Street and Briar Ridge Road.

Midmonth, a crew partnered with members of the Parks Maintenance Division to begin work on the ball fields at Danbury High School and Rogers Park. The sweepers were able to begin the spring clean-up and the leaf bag pick-up will continue through the end of April and into the first week in May.

The sign crew installed nine (9) new signs at two (2) locations in addition to sign repairs along with the installation of signs for the Middle River Bridge Project. A crew was out daily assisting the Forestry Division by performing traffic control.

Crews are out canvassing the city streets checking for litter and other debris whenever possible. 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:

March was a busy month for the Park Maintenance Division. With the snow gone, litter control in the downtown area, schools and parks has been a priority. The crews have also started to prepare the fields for the spring sports programs. Spring clean-up has been completed at the City's small parks including Elmwood and Kennedy Parks, the library and City Center.

The Parks Maintenance Division also assisted the Highway Division with pothole repairs. Winter maintenance on the mowing equipment has been completed and is ready for the start of the mowing 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:

The Forestry Division crew worked with Lewis Tree Service, the CL&P contractor, to remove branches, limbs and trees with major defects that could cause power outages. Removals were performed at the following locations: Long Ridge Road, Austin Street, Triangle Street, Cook Street, Miry Brook Road, Harwood Drive, Driftway Point Road, Robinhood Road, Joe's Hill Road, Aunt Hack Road, Well Avenue, Myrtle Avenue, Middle River Road, Southern Boulevard, Wooster Heights Road, Starrs Plain Road and Pleasant Street, Highland Avenue Park and Great Plain Road. Hangers and removals were also performed on Ta'Agan Point Road.

Sunset Tree Service, the City's outside contractor, cut all of the hazardous trees on Boyce Road. The crew also worked at Tarrywile Park pruning and collecting brush to celebrate Arbor Day.

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 active projects being performed 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 month.

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 various reasons. With the available federal energy funds the city hall building will have many original operating controls replaced by higher efficiency, more accurate digital controls which will allow us to operate the environmental conditions within the building remotely. This project will take a few months to complete. This project has been awarded to SNE building systems and the work is well underway.

We are looking into replacing the seating in the City Council Chambers. The current seating has been in use since the building opened in the mid 1960's.

Hatters Park Building: The recessed lighting in Hatters Hall has been 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 window replacement portion of this project will take place this summer (2012). The heating (non-window) portion of this project is 99.9% complete. 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 cornice. The project is out to bid and will be awarded in April with the anticipated contract start date of June 15, 2012. The built in gutter, rotten support structure and cornice work will be removed and replaced with a durable built in gutter that has a structural support that will prevent sagging and problems that the older design wrought. The final project will look like the current one but everything will be new from the bottom of the cornice to the top of the roof.

Old Library: The elevator at the Old Library is out of service pending replacement of the main lift piston. The old piston removal and replacement will require three different contractors to perform the necessary work before the elevator company can install a new piston. The work is slated to begin in July.

Homeless Shelter: We are assisting the Health Department in creating and implementing a few building improvement projects. The first is to replace the dormitory stairs and landing. We created the specs and

assisted in the pre bid conference. We reviewed the submittals and recommended the qualified contractor. Construction will begin and end in April.

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. We have approved the design and bid the project. The contract has been awarded, we expect the contracts to be signed by mid April and work to begin as soon as TRC reviews and approves the submissions from the contractor. Construction will commence in late April or early May.

Library Plaza Fountain: We will be replacing the ferrous pump and valves with a stainless steel pump with stainless steel fittings and valves which will help to reduce the rusty water that has plagued the plaza fountain since its inception. We are also looking to make a site modification which will prevent the debris that finds its way into the fountain from blocking the water lines and damaging the pump. I anticipate this work being completed before May 15, 2012.

Requests for Maintenance Services: Attached please find the statistical analysis for repairs and maintenance work that the Public Buildings Mechanics engaged in during the month of March 2012. In the month of March we received 230 new work requests and completed 316 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 272.50 man-hours dedicated to this service. The next largest area of concentration was in Electrical repair work, utilizing 137.50 man-hours of labor. General Mechanical came in as the third highest category with 47.50 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 March 2012. Also attached is the Public Utilities Vehicle Maintenance Report.

As of April 11, 2012 there are 102 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 March 2012

	Labor Hours	Total Hours This Month	Total Hours Last Month	Difference	Percent Change
Carpentry		5.00	1.00	4.00	80.00
City Bldgs	5.00				
Schools	0.00				
Electrical		137.50	147.00	-9.50	-6.91
City Bldgs	56.00				
Schools	81.50				
HVAC		18.00	17.00	1.00	5.56
City Bldgs	0.00				
Schools	18.00				
Locksmith		3.00	3.00	0.00	0.00
City Bldgs	3.00				
Schools	0.00				
Maintenance		35.50	37.00	-1.50	-4.23
City Bldgs	11.00				
Schools	24.50				
Mechanical		47.50	42.00	5.50	11.58
City Bldgs	36.00				
Schools	11.50				
Plowing		0.00	0.00	0.00	0.00
City Bldgs	0.00				
Schools	0.00				
Plumbing		272.50	232.50	40.00	14.68
City Bldgs	12.50				
Schools	260.00				
Roofing		8.50	10.00	-1.50	-17.65
City Bldgs	0.00				
Schools	8.50				
New Work Requests received				230	
Work Requests Completed				316	

MEMORANDUM

DATE: March 16, 2012
TO: City of Danbury, Common Council
FROM: *David M. Day, P.E.*, Superintendent – February 2012
RE: Sanitary Sewer Collection System Maintenance

Complaints: 12 _____

Number Received: 12 _____

Number Completed: 12 _____

Pipe Cleaned: 1,100 FT _____

Gallons of Water Used: 8,000 _____

Pipe Inspected: _____

COMMENTS:

TO : City Council - City of Danbury
 FROM : David Day, Superintendent of Public Utilities
 DATE : April 11, 2012
 RE : WATER DEPARTMENT REPORT: MARCH 2012

I. WATER PRODUCTION :

A) Margerie Water Treatment Facility :	<u>74.3</u>	MG.
B) West Lake Water Treatment Facility :	<u>93.1</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>0.9</u>	inches
B) Past 12 Months (running total) :	<u>66.7</u>	inches
C) Current Year (Jan.- Current Mo.) :	<u>4.8</u>	inches

III. WATER STORAGE : date: 3/1/2012

	<u>Current Reading</u>	%	<u>Historical Average</u>	%
A) East Lake Reservoir :	<u>100.0</u>	%	<u>91.4</u>	%
B) Margerie Lake Reservoir :	<u>99.3</u>	%	<u>92.7</u>	%
C) West Lake Reservoir :	<u>100.0</u>	%	<u>92.0</u>	%
D) Total :	<u>99.7</u>	%	<u>92.2</u>	%

IV. WATER PUMPED :

A) Park Avenue Pump Station :	<u>0</u>	MG.
B) Padanaram(High School) Pump Station :	<u>4.48</u>	MG.
C) Shelter Rock Pump Station :	<u>3.50</u>	MG.

D) WestConn Pump Station :	1.71	MG.
E) Margerie Pump Station :	3.09	MG.
F) Pleasant Acres:	1.52	MG.
G) Nabby Road:	1.20	MG.
H) Harvest Hill:	1.83	MG.
I) West Lake High Service :	46.6	MG.
J) Total Water Pumped (A-I) :	63.9	MG.

(MG. = Million Gallons)

V. WATER TRANSFERRED :

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

(MG. = Million Gallons)

VI. ALGAE CONTROL :

- A) West Lake Reservoir - 3750 lbs. copper sulfate
- B)
- C)

VII. SURVEY OF WATER SOURCES :

- A) Disinfection by-products (Trihalomethanes and Haloacetic Acids) testing of 15 locations in water distribution system.
- 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: Mar '12

Date: 4/9/2012

I. Wastewater Treatment:

A) Sewage Processed:	8.6 MGD (Daily Avg)	266.8 Million Gallons Total
B) Septic Waste Processed:		938,450 Gallons Total
C) Sludge Pumped To Digesters:		377,365 Pounds Total

II. Wastewater Quality

	Influent	Effluent	% Removal	Effluent Limit
A) BOD(mg/l)	218	8	96	30 mg/l and 85%
B) Total Suspended Solids (mg/l):	243	8	96.9	30 mg/l and 85%
C) Total Phosphorus (mg/l):	4.6	2.7	42	1.0 mg/l
D) Ammonia (mg/l):	26.0	0.40	98	4.0 mg/l
E) Total Nitrogen (lbs/Day):	3,103	464	85	463 lbs/day

Note: Phosphorus limits apply May - September.

Nitrogen limit for credit trading only.

III. Pump Station Operation:

A) Beaver Brook:	318.9	Hours Run
B) Southfield:	37.4	Hours Run
C) Mill Plain:	711.4	Hours Run
D) Backus:	375.7	Hours Run
E) Tarrywile	83.3	Hours Run
F) Turner Road:	47.1	Hours Run
G) Ford Avenue:	31.3	Hours Run
H) Indian Glen:	95.1	Hours Run
I) Delay Street:	23.8	Hours Run
J) Hayestown Road:	60.2	Hours Run
K) Kenosia Avenue:	3.7	Hours Run
L) Larson Drive:	51.6	Hours Run
M) Landfill:	192.8	Hours Run
N) Thrope Street	9.6	Hours Run
O) Poets Landing	8.7	Hours Run
P) Rogers Park	20.8	Hours Run

Total Station Alarms: 2

**MAINTENANCE REPORT - BUILDING # 6 - GENERAL FUND
3/1/2012**

3/1/2012	353DA	POLICE	ENGINE LIGHT RUNS POOR
	263DA	HEALTH	A/C COMPRESIOR
	DET	POLICE	ELECTRICAL
3/2/2012	157DA	POLICE	SERVICE BRAKES OIL COOLER
	DET	POLICE	ELECTRICAL
3/5/2012	271DA	POLICE	HEADLIGHTS
	157DA	POLICE	OILCOOLER
	225DA	POLICE	ELECTRICAL
3/6/2012	157DA	POLICE	OILCOOLER
	225DA	POLICE	ABS BRAKES
3/7/2012	223DA	POLICE	OIL PRESSIOR
	225DA	POLICE	WINDOW GLASS
3/8/2012	225DA	POLICE	OVERHEATING
	24DA	POOL	NO START
3/9/2012	13DA	POLICE	OVERHEATING
	10DA	POLICE	NO START
	24DA	POOL	NO START
3/12/2012	223DA	POLICE	SERVICE
	246DA	POLICE	ABS BRAKES
3/13/2012	246DA	POLICE	TUNE UP
	2DA	POLICE	OVERHEATING
	DET	POLICE	SERVICE
3/14/2012	95DA	POLICE	TIRES SERVICE BRAKES
	246DA	POLICE	TUNE UP
	2DA	POLICE	OVERHEATING
3/15/2012	197DA	PUB BLD	ENGINE LIGHT FILTERS
	2DA	POLICE	FRONT END
	DET	POLICE	HUB BEARINGS BRAKES SERVICE
3/16/2012	DET	POLICE	HUB BEARINGS BRAKES SERVICE
	2DA	POLICE	ENGINE LIGHT
3/19/2012	DET	POLICE	EMISSIONS
	240DA	POLICE	OVERHEATING
3/20/2012	DET	POLICE	THERMOSTAT
	240DA	POLICE	COOLING FAN
3/21/2012	DET	POLICE	FRONT END NOISE
	246DA	POLICE	SKIPING
3/22/2012	36DA	POLICE	ELECTRICAL
	DET	POLICE	NOISE
3/23/2012	36DA	POLICE	ELECTRICAL
	261DA	POLICE	OVERHEATING

3/26/2012	36DA	POLICE	MOTOR MOUNT
	261DA	POLICE	SERVICE OVERHEATING
3/27/2012		CLASSES	
3/28/2012	36DA	POLICE	SERVICE
	DET	POLICE	TIRES SERVICE
3/29/2012	36DA	POLICE	ELECTRICAL
	DET	POLICE	BRAKES
3/30/2012	10DA	POLICE	ELECTRICAL
	DET	POLICE	EXHAUST
	278DA	HEALTH	FRONT END
	53DA	HEALTH	EXHAUST SERVICE

**MAINTENANCE REPORT - BUILDING # 6 - WATER
3/1/2012**

3/2/2012	279DA	WATER	SERVICE BRAKES
3/5/2012	126DA	WATER	NO START SERVICE ENGINE LIGHT
3/6/2012	126DA	WATER	NO START SERVICE ENGINE LIGHT ABS LIGHT
3/7/2012	96DA	WATER	NO START DISTRIBUTOR
3/9/2012	280DA	WATER	SERVICE
3/12/2012	107DA	WATER	WATER PUMP RADIATOR
3/13/2012	107DA	WATER	WATER PUMP RADIATOR SERVICE
3/16/2012	126DA	WATER	TUNE UP
3/19/2012	191DA	WATER	SERVICE
3/20/2012	MOWER	WATER	SERVICE BLADES
	MOWER	WATER	BLADES
3/21/2012	MOWER	WATER	HYD PISTONS
	126DA	WATER	NO START R/C
3/22/2012	MOWER	WATER	SERVICE
3/26/2012	126DA	WATER	DISTRIBUTOR
3/27/2012		CLASSES	
3/28/2012	120DA	WATER	EXHAUST
3/29/2012	MOWER	WATER	HYD PISTONS

EQUIPMENT MAINTENANCE

Date	Vehicle	Repair Provided	Department
3/1/2012	34	Strobes	Highway
	30	Valve body	Highway
	40	Rebuild	Highway
	87	Brake Adj.	Highway
	77 DA	Brake lights	Highway
3/2/2012	83	Rebuild	Highway
	37	Side dump pin	Highway
	41	Jump start	Highway
	198 DA	Body will not go up	Parks
	12	Tailgate	Highway
3/5/2012		Fill lift gates with hyd oil	Shop
	40	Rebuild	Highway
	22	Rebuild	Highway
	40	Rebuild	Highway
	22	Rebuild	Highway
3/6/2012	41	Jump start / batteries	Highway
	38	Brake adj.	Highway
	40	Rebuild	Highway
	59	Grease bucket	Highway
	121 DA	Strobes / check engine light	Unit
3/7/2012	252 DA	Runs rough	Public Buildings
	355 DA	Trans not shifting	Parks
	41	Pump not working	Highway
	40	Rebuild	Highway
	87	Fuel tank and brackets	Highway
3/8/2012	87	Fuel tank and brackets	Highway
	40	Rebuild	Highway
	5	Hydraulic oil	Highway
	349 DA	RR signal lights	Parks
	22	Free the door	Highway
3/9/2012	30	Valve body	Highway
	40	Rebuild	Highway
		Replace side broom / RL convex belt	
	83	adj	Highway
	355 DA	Tailgate/shift cable	Parks

3/12/2012	40	Rebuild	Highway
	355 DA	Shifter / tail gate	Parks
3/13/2012	40	Horn	Highway
	355 DA	Tail gate	Parks
	86	R/C Buds Service , Out of Fuel	Highway
	28 DA	Service	Parks
	252 DA	Tensioner Ass.	Public Buildings
3/14/2012	91	Service	Highway
	23	Water tank	Highway
	40	R/C Shelter Rock, Trailing	Highway
	390 DA	Prep	Forestry
	389 DA	Prep	Forestry
3/15/2012	91	Rebuild / Service	Highway
	83	Main broom drive gear	Highway
	82	Hyd fluid	Highway
	20	Adj brakes	Highway
	23	Install water tank	Highway
3/16/2012	83	Conveyor lift piston	Highway
	91	Rebuild	Highway
	24	Jump	Highway
	24	PTO / lights	Highway
3/19/2012	91	Rebuild	Highway
	24	RF Wheel bearing	Highway
	389 DA	To Universal Welding/ Warranty work	Highway
	40	Replace side broom	Highway
3/20/2012	91	Rebuild	Highway
	24	L/F Wheel bearing	Highway
	15	Mud flap / front slack	Highway
		Fuel delivery	Shop
	54	Check rear brakes	Highway
	14	Check starter	Highway
3/21/2012	83	2 Side brooms	Highway
	91	Rebuild	Highway
	315 DA	R/C Boxwood Feed wheels	Forestry
3/22/2012	91	Rebuild	Highway
	135	R Fender bracket	Highway
	15	Front slacks	Highway
	40	Fan hub	Highway
	Screener	Service	Highway
3/23/2012	91	Rebuild	Highway
	Screener	Service	Highway
	315 DA	Hydraulics	Forestry
	299 DA	Last chance cables	Forestry

	15	Front slacks	Forestry
3/26/2012	315 DA	Hydraulics	Forestry
	15	Front slacks / mud flap	Forestry
	40	All brooms	Highway
	158 DA	RR flat	Public Buildings
3/27/2012	14	Starter	Highway
	83	All brooms	Highway
	40	All brooms / running boards	Highway
	82	R/C Parks Hyd hose	Highway
	22	Lower conveyor shaft	Highway
3/28/2012	22	Parts order	Highway
	14	Starter / ABS	Highway
	33	Lights	Highway
	40	R/C Oil Mill leak	Highway
	61	Coolant leak / radiator	Highway
3/29/2012	61	Radiator / front pads	Highway
	83	Side brooms	Highway
	167 DA	Drive shaft	Parks
	86	Remove hydraulic tank	Highway
	348 DA	Service	Airport
	210 DA	Service	Highway

