

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 29, 2013

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

RE: Monthly report for March 2013

Dear Mayor Boughton and Members of the City Council:

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

During the month of March, the Public Works Divisions start to work on spring related tasks. The sweepers were brought out to start cleaning up the sand accumulated over the winter. The parks and recreational areas are being prepared for the start of the spring activities. Several projects are in the works and will commence once the weather warms up.

The Public Works Department has been continued to attack the potholes at many locations throughout the City. This has been an unending task for the crews performing this work. Crews have been out on a daily basis performing this relentless task.

I would like to thank the Highway, Parks Maintenance, Equipment Maintenance, Forestry and Public Buildings Divisions for their dedication and the long hours plowing, sanding and shoveling this past winter. Everyone is looking forward to some warm spring weather.

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:

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 crosswalks and pedestrian signals on White Street.

ConnDot has approved and processed the change order request. The contractor has ordered the electrical components and we will be moving forward with this additional work. We have a second week of May scheduled start date from the contractor. Once this additional work is completed, we will begin the close-out phase of the ARRA project.

Tarrywile Park: The second project, period door replacement of three exterior doors, we have procured the material. The new door set hardware, panic bars and closures are in. The work is schedule for May once we receive the period door hardware. This work will also be performed using our in-house resources and paid for by a different LOCIP grant.

Head Start: Banton Construction continues to move forward. The building is weather tight at this point. The mechanical contractors have mobilized the MEP installation is at approximately 75%. We met with the Director of the Headstart program, several staff and the regional program director from the Boston headquarters and toured the facility. The Headstart Regional Program Director was very impressed with the facility and the City of Danbury's commitment to the Headstart program. We are looking to obtain a certificate of occupancy by the end of May.

Citizens Volunteer Fire House: The asbestos abatement of the exterior shingles has been completed. Brooks Environmental performed the visual inspection and will be issuing an environmental clearance letter for our records. The replacement windows have also been installed. The vinyl siding has been ordered and will be delivered during the first week in May. The contractor will be completed with the project by the third week in May. All of the work has been performed using our in-house resources and bid lists.

Danbury Innovation Center

Construction Services is assisting the Public Buildings Division with the project. The demo/abatement phase is complete using our in-house resources. We have quoted the renovation framing and carpentry using our in-house resources.

East Franklin Street Bridge Scour Repair: We have completed the easterly abutment scour repair. The contractor is mobilizing to the westerly abutment to perform the scour repair required. This work is being performed using our in-house resources.

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 is in the submittal phase of the project.

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. Johnson Drive and Pembroke Terrace Sanitary Sewer Extension: Referred to an Ad Hoc committee at the City Council meeting. A resurvey of the properties will be mailed out soon.
2. Butternut Lane, Bayberry Lane and Boxwood Lane Sanitary Sewer Extension: Working on preliminary design and cost estimate.

3. Hawley Road Extension Sanitary Sewer Extension: Working on preliminary design and cost estimate.

Long Ridge Road Bridge: In-house design was finalized for construction. We are working on a traffic pattern plan to be followed during construction. We are still waiting on securing an easement from one of the neighbors.

East Franklin Street Bridge: We completed the design to relocate the existing sewer in the brook with an above-ground pump station. The contractor has started the repair work for the scour that exists in the abutment walls of the bridge. We secured a State permit to relocate the sewer line and install the pump station.

Miscellaneous Schools (Park Avenue, Shelter Rock, Stadley Rough and Mill Ridge): The preliminary design on the schools has started and we are meeting weekly with the design team to meet State deadlines. Stadley Rough School, Mill Ridge School, and Shelter Rock School are at 100% design and we are completing all necessary documents for State acceptance.

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 will be bid out next month. Construction will begin in early spring of 2013 for one season.

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. 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:

The Highway Division responded to two weather related storm events during the month of March. Following each storm mailbox repairs and plow repairs were performed. The construction crews repaired guiderails at four locations and performed drainage repair on Beaver Brook Road. Another construction crew graded the Candlewood Town Park beach and several dirt roads as weather permitted. Three to five crews have been dispatched on a daily basis to fill potholes. We appreciate the assistance of the Parks Maintenance Division for this task. The sign crew installed new signs at two locations and made repairs at numerous locations.

As the weather cleared, some of the spring clean-up work commenced. Removal of winter debris from catch basins, litter pick-up, lawn damage repairs and broken curb collection was started. Street sweeping has also begun and when possible, a second sweeper is dispatched.

The recycling truck continues to be extremely popular with the residents who will be happy to have the truck back on its normal schedule as winter draws to a close.

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:

During the month of March the Parks Maintenance crews performed plowing, snow shoveling, sanding and salting of the sidewalks and parking lots at City buildings and schools. The crews were pleased to assist the Highway Division with pothole patching tasks. The portable ice rink was removed and preparations are underway for the many sports activities held in the parks.

Preparation of the lawn mowing equipment is well underway for the spring cleanup of the parks and playgrounds. Rogers Park and other playgrounds are patrolled daily for litter and debris.

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:

With the slight improvement in the weather, the Forestry Division crew was able to perform tree trimming, wood removal and brush clean-up on Chambers Road, Fox Den Road, Horseshoe Drive, Stadley Rough Road, Pine Mountain Road and Rogers Park.

The crew performed tree work at the following locations: Lakeview Drive, Beaver Brook Road, Aunt Hack Road, Skyline Drive, Garfield Avenue, West Wooster Street, Grand Street, Karen Road and at the Library for the Headstart project. We also responded to tree calls on Padanaram Road and Fox Den Road. A large tree removal project was performed for the fire school project.

The crew responded to snowplowing and sanding duties when needed.

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 new seating and carpeting project planned for the city council chambers has been installed. The appearance and performance are very good. Budget permitting, we will replace the worn carpet in the caucus room and Conference room 3C.

Farrington Park – Westside Open Space: The chow house at the Farrington Park is ready to rent. I anticipate advertising in May, assuming the City Council agrees to the lease terms.

Danbury Public Schools: The DHS energy project final phase will be to replace the auditorium heating and ventilating system with a new energy efficient heating, ventilating and air conditioning system. This has been a goal of many and will now come to fruition. There is a significant lead time required to obtain the required HVAC unit, but the goal is to have this unit operational before the start of the 2013-2014 school year.

The Alternative School on Locust Avenue has been undergoing a waterproofing project that includes masonry replacement, repair, and waterproofing as well as replacing the roof and gutter. The decorative cornice, which is being manufactured in Georgia, will be installed before the end of April. The lower level windows have been fabricated. Installation will take place during the April vacation.

Library Annex: The Library annex is undergoing 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. We are collaborating with the Construction Services division to perform the work without the need for a general contractor. We have hired Rodriguez Associates as our architect. The plans were submitted to the building department this month and we anticipate beginning work in April or early May.

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 February 2013.

In the month of February we received 259 new work requests and completed 144 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 with a total of 167.00 man-hours dedicated to this service. The next largest area of concentration was in Mechanical repair work, utilizing 145.00 man-hours of labor. Electrical repairs came in as the third highest category with 108.00 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 March 2013. Also attached is the Public Utilities Vehicle Maintenance Report.

As of April 16, 2013 there are 95 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 PUBLIC BUILDINGS DIVISION WORK REQUEST REPORT FOR MARCH 2013

Work Requests received this month	214
Work Requests Completed this month	144

Category	Total Labor Hours
Alarms	0.00
Carpentry	1.50
Electrical	108.00
HVAC	1.00
Locksmith	11.00
Maintenance	45.50
Mechanical	145.00
Plumbing	167.00
Roofing	24.50
Snow Plowing	64.25

Labor Hours City Buildings	259.00
Labor Hours School Buildings	307.25

MEMORANDUM

DATE: April 11, 2013
TO: City of Danbury, Common Council
FROM: *David M. Day, P.E.*, Superintendent – March 2013
RE: Sanitary Sewer Collection System Maintenance

Complaints: 14 _____

Number Received: 14 _____

Number Completed: 14 _____

Pipe Cleaned: 2900 FT _____

Gallons of Water Used: 16,000 _____

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: Mar '13

Date: 4/9/2013

I. Wastewater Treatment:

A) Sewage Processed:	10.5	MGD (Daily Avg)	324.5	Million Gallons Total
B) Septic Waste Processed:			493,650	Gallons Total
C) Sludge Pumped To Digesters:			388,148	Pounds Total

II. Wastewater Quality

	Influent	Effluent	% Removal	Effluent Limit
A) BOD (mg/l)	193	8	96	30 mg/l and 85%
B) Total Suspended Solids (mg/l):	192	6	96.7	30 mg/l and 85%
C) Total Phosphorus (mg/l):	4.4	2.2	50	1.0 mg/l
D) Ammonia (mg/l):	13.4	0.60	95	4.0 mg/l
E) Total Nitrogen (lbs/Day):	3,127	493	84	452 lbs/day

Note: Phosphorus limits apply May - September.

Nitrogen limit for credit trading only.

III. Pump Station Operation:

A) Beaver Brook:	721.3	Hours Run
B) Southfield:	33.9	Hours Run
C) Mill Plain:	44.6	Hours Run
D) Backus:	190.4	Hours Run
E) Tarrywile	95.9	Hours Run
F) Turner Road:	27.1	Hours Run
G) Ford Avenue:	26.6	Hours Run
H) Indian Glen:	120.9	Hours Run
I) Delay Street:	19.7	Hours Run
J) Hayestown Road:	63.0	Hours Run
K) Kenosia Avenue:	1.7	Hours Run
L) Larson Drive:	55.9	Hours Run
M) Landfill:	218.6	Hours Run
N) Thrope Street	13.1	Hours Run
O) Poets Landing	7.9	Hours Run
P) Rogers Park	18.2	Hours Run
P) West Side	35.4	Hours Run

Total Station Alarms: 4

D) WestConn Pump Station:	<u>1.78</u>	<u>MG.</u>
E) Margerie Pump Station:	<u>2.08</u>	<u>MG.</u>
F) Pleasant Acres:	<u>2.64</u>	<u>MG.</u>
G) Nabby Road:	<u>1.31</u>	<u>MG.</u>
H) Harvest Hill:	<u>2.27</u>	<u>MG.</u>
I) West Lake High Service:	<u>40.4</u>	<u>MG.</u>
J) Total Water Pumped (A-I):	<u>57.1</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) None
- B) _____
- C) _____

VII. SURVEY OF WATER SOURCES:

- A) Daily testing of treated and untreated water by water quality laboratory.
- B) _____

VIII. SUPERINTENDENTS NOTES:

TO : City Council - City of Danbury
 FROM : David Day, Superintendent of Public Utilities
 DATE : April 15, 2013
 RE : WATER DEPARTMENT REPORT: MARCH 2013

I. WATER PRODUCTION :

A) Margerie Water Treatment Facility :	<u>77.3</u>	<u>MG.</u>
B) West Lake Water Treatment Facility :	<u>93.1</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>2.6</u>	<u>inches</u>
B) Past 12 Months (running total) :	<u>44.2</u>	<u>inches</u>
C) Current Year (Jan.- Current Mo.) :	<u>9.4</u>	<u>inches</u>

<u>III. WATER STORAGE :</u>	date:	3/4/2013	
		<u>Current Reading</u>	<u>Historical Average</u>
A) East Lake Reservoir :		<u>100.0</u> %	<u>91.6</u> %
B) Margerie Lake Reservoir :		<u>100.0</u> %	<u>92.9</u> %
C) West Lake Reservoir :		<u>92.0</u> %	<u>92.0</u> %
D) Total :		<u>96.4</u> %	<u>92.3</u> %

IV. WATER PUMPED :

A) Park Avenue Pump Station :	<u>0</u>	<u>MG.</u>
B) Padanaram(High School) Pump Station :	<u>5.57</u>	<u>MG.</u>
C) Shelter Rock Pump Station :	<u>2.47</u>	<u>MG.</u>

D) WestConn Pump Station :	<u>1.75</u>	<u>MG.</u>
E) Margerie Pump Station :	<u>2.48</u>	<u>MG.</u>
F) Pleasant Acres:	<u>3.16</u>	<u>MG.</u>
G) Nabby Road:	<u>1.64</u>	<u>MG.</u>
H) Harvest Hill:	<u>3.64</u>	<u>MG.</u>
I) West Lake High Service :	<u>45.6</u>	<u>MG.</u>
J) Total Water Pumped (A-I) :	<u>66.3</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) None
- B) _____
- C) _____

VII. SURVEY OF WATER SOURCES :

- A) Disinfection by-products (Trihalomethanes and Haloacetic Acids) testing of designated locations in water distribution system.
- B) _____

VIII. SUPERINTENDENTS NOTES :

MAINTENANCE REPORT - BUILDING # 6

3/1/2013

GENERAL FUND

	13DA	POLICE	COOLING FAN
	5DA	POLICE	ELECTRICAL
3/4/2013	DET	POLICE	SERVICE
	15DA	POLICE	SERVICE BRAKES HEATER MOTOR
3/5/2013	246DA	POLICE	SERVICE
	283DA	POLICE	NO START
3/6/2013	223DA	POLICE	INTAKE MANIFOLD
3/7/2013	223DA	POLICE	INTAKE MANIFOLD
3/8/2013	223DA	POLICE	INTAKE MANIFOLD
3/11/2013	223DA	POLICE	INTAKE MANIFOLD
	5DA	POLICE	NO START
	19DA	POLICE	NO START
3/12/2013	19DA	POLICE	OVERHEATING
	223DA	POLICE	INTAKE MANIFOLD
3/13/2013	19DA	POLICE	OVERHEATING
	223DA	POLICE	INTAKE MANIFOLD
	202DA	HEALTH	SERVICE
3/14/2013	202DA	HEALTH	SERVICE
	19DA	POLICE	OVERHEATING
	223DA	POLICE	INTAKE MANIFOLD
3/15/2013	19DA	POLICE	OVERHEATING
	223DA	POLICE	INTAKE MANIFOLD
3/18/2013	5DA	POLICE	NO START
	333DA	POLICE	SERVICE
3/19/2013	159DA	POLICE	SERVICE
	334DA	POLICE	FLAT R/C
3/20/2013	186DA	POLICE	LIGHTS SERVICE
3/21/2013	186DA	POLICE	LIGHTS SERVICE
3/22/2013	6DA	POLICE	ELECTRICAL
	270DA	POLICE	ELECTRICAL
	186DA	POLICE	LIGHTS SERVICE
3/25/2013	271DA	POLICE	BRAKES SERVICE
	623XPL	SENIOR	BRAKES SERVICE
	186DA	POLICE	LIGHTS SERVICE
3/26/2013	623XPL	SENIOR	BRAKES SERVICE
	186DA	POLICE	LIGHTS SERVICE
	271DA	POLICE	BRAKE HOSE
3/27/2013	271DA	POLICE	BRAKES BRAKE HOSE

	186DA	POLICE	LIGHTS SERVICE
3/28/2013	10DA	POLICE	INSRIMENT CLUSTER
	333DA	POLICE	RUNS POOR
	37981	SENIOR	SERVICE

MAINTENANCE REPORT - BUILDING # 6

3/1/2013

WATER DEPARTMENT

3/4/2013	283DA	WATER	NO START
	239DA	WATER	BRAKES
3/6/2013	369DA	WATER	SERVICE
	126DA	WATER	INTAKE GASKET
3/7/2013	126DA	WATER	INTAKE GASKET
3/8/2013	126DA	WATER	INTAKE GASKET
	176DA	WATER	SHORT IN PLOW
3/11/2013	126DA	WATER	INTAKE GASKET
3/12/2013	126DA	WATER	INTAKE GASKET
3/13/2013	126DA	WATER	SERVICE
3/15/2013	126DA	WATER	ENGINE LIGHT
3/19/2013	126DA	WATER	REAR BRAKES & BACKING PLATE
3/20/2013	126DA	WATER	REAR BRAKES & BACKING PLATE
	273DA	WATER	BRAKES SERVICE
3/21/2013	273DA	WATER	BRAKES SERVICE
3/22/2013	MOWER	WATER	SERVICE
3/27/2013	MOWER	WATER	LIFT CYL
3/28/2013	MOWER	WATER	HYD LEAKS

EQUIPMENT MAINTENANCE

Date	Vehicle	Repair Provided	Department
3/1/13	288DA	Intake Gasket	Building Maintenance
	83	Seasonal Maintenance	Highway
3/2/13	288DA	Intake Gasket	Building Maintenance
	83	Seasonal Maintenance	Highway
	272Da	L/S inside door handle	Parks
	28Da	Rear brake/rotors/Service	Highway
3/4/13	288DA	Intake Gasket	Building Maintenance
	83	Seasonal Maintenance	Highway
	6	Check charging Jump start	Highway
	46	T-stat	Highway
3/5/13	288DA	Intake Gasket	Building Maintenance
	83	Seasonal Maintenance	Highway
	212Da	Repair LR Tire	CP
	46	W/ pump shroud	Highway
3/6/13	349Da	L/S head light	Parks
	288DA	Road Test	Building Maintenance
	83	Seasonal Maintenance	Highway
	28Da	Finish Service	Parks
	48	Tighten Mirrors	Highway
	31	Lights	Highway
	19	Hyd Fitting Sander	Highway
	8	Wipers	Highway
	47	Sander Lights	Highway
	87	Straighten Sander Chute	Highway
3/7/13	355Da	No brake Lights	Parks
	83	Seasonal Maintenance	Highway
	355Da	Brake light Switch	Parks
	272Da	Wipers	Parks
	48Da	Service	Highway
	62Da	RR Flat	Building Maintenance
	27	Hyd leak	Highway
	28	Hyd leak	Highway
	19	Wipers	Highway
	20	Hyd leak	Highway
3/8/13	18	RRO Flat	Highway
	21	Carrier Brg muffler	Highway
	147Da	Plow Frame	Highway
	24	Sander plate bent	Highway
	1	No Steering	Highway
	46	Plow Piston bent	Highway

	26	Cut curb finder	Highway
3/11/13	46 Plow	Piston and hoses	Highway
	21	Carrier Brg muffler	Highway
	14	Adjust Brakes	Highway
	31	Multiplex switch blinking	Highway
	86	Mirror bracket	Highway
	61	LF Flat	Highway
	9	Fuses	Highway
3/12/13	21	Carrier Brg muffler	Highway
	24	Sander Bent	Highway
	20	Auger	Highway
3/13/13	24	Sander Bent Remove links	Highway
	Hot Box	Brakes to tight	Highway
	24	Sander	Highway
3/14/13	83	Seasonal Maintenance	Highway
	34	Service	Highway
	Hot Box	Check electrical connector	Highway
3/15/13	83	Overhaul	Highway
	31	Electrical	Highway
	10	Service	Highway
3/16/13	83	Overhaul	Highway
	309Da	Service	Highway
	314Da	Service	Highway
	46/Hot Box	Trailer brakes/light	Highway
3/18/13	83	Overhaul	Highway
	31	Electrical/Batteries	Highway
	44	Sander lights	Highway
	105	Air in tires	Highway
	26	Air can	Highway
	16	Add oil and Antifreeze	Highway
	19	LF Strobe	Highway
	7	Trans stuck in gear	Highway
	3	Wiper Mtr	Highway
	49 DA	Air Tires	Highway
	18	Hyd Hose	Highway
3/19/13	18	Hyd Hose	Highway
	10	no PTO	Highway
	29	Coolant Leak	Highway
	11	Plow hid hose	Highway
	54	Work lights	Highway
	21	Hyd line	Highway
	14	PTO	Highway
	86	Plow hose	Highway
	22	Service	Highway

	9	Fuses	Highway
	106Da	Wipers	Highway
3/20/2013	17	RF Flat	Highway
	44	Scan for code	Highway
	22	Service	Highway
	54	RRO Flat	Highway
	7	Trans overheating	Highway
	48 DA	Evap pipe wireloom	Highway
	86	Service	Highway
	Old 61	Jump start	Highway
	Dozer	Stall below	Highway
3/23/13	58	Service	Highway
	22	Overhaul	Highway
	7	Muffler and lights	Highway
	181	Air problem	Highway
3/25/13	22	Overhaul	Highway
	9	Check for leaks	Highway
	7	Tranny	Highway
	8	Brake Adj	Highway
3/26/13	83	Master Cylinder	Highway
	22	Seasonal Maintenance	Highway
	40	H2O System	Highway
	21	Service	Highway
3/27/13	21	Service	Highway
	64Da	Service	Highway
	56DA	Charging System	Highway
	390Da	Service	Highway
3/28/13	106Da	Rotate tires service mudflaps	Highway
	22	Seasonal Maintenance	Highway
	100	Service	Highway
	105	Shifter	Highway