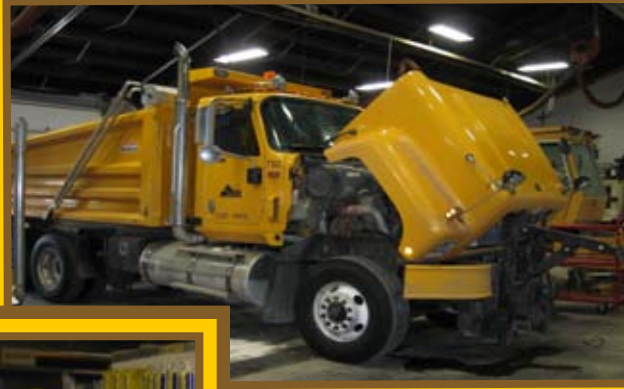


FLEET SERVICES



2010 ANNUAL REPORT

Light- and heavy-duty county vehicle repair and preventative maintenance. Purchase county vehicles, parts, and fuel. Monitor seven fuel sites. Standard and custom reporting.



"Excellence is not a skill. It is an attitude."

-Ralph Marston

Kim's Thoughts

2010 was very similar to the past few years. The themes were the same, increasing or consistent demands on services and decreasing funds. Maintaining the fleet to optimize vehicle ownership and operating costs is more important today than it has been in the past. Today's vehicle and equipment technology is pretty amazing. When you look at modern day gas engines for example, they provide high performance, low emissions, and better fuel mileage com-

pared to the same engines of just a few years ago. Each generation seems to improve from small, incremental changes to dramatic changes in some cases. Engine tolerances are tighter and maintenance schedules are being extended by the Original Equipment Manufacturer for both service intervals (oil changes) and tune-ups. The quality of the oils and lubricants today is the best they have ever been, with constant changes in lubricant chemistry. The oils promote longer engine and component life. Even with the extended service levels, it is still critical to perform preventative maintenance on a strict schedule. Vehicles and equipment are acquired to perform a job within the departments. In order to ensure they operate at peak efficiency and effectiveness, it is critical to have timely

and scheduled technician contact and inspections. Fleet's dedicated staff will ensure timely and effective services to keep the fleet running smoothly.

Kim Nohava

Fleet Director

Effective Maintenance

We had a coolant leak in Unit #7179, a 2004 International tandem dump truck. A routine 6,000-mile oil analysis identified that coolant was leaking into the engine oil. Fleet services staff replaced the head and EGR cooler, plus found a major wiring harness problem that would have shut down the engine if not resolved. What was a routine service turned into a major repair. Our mission is to be a good steward of Larimer County funds. In this case, we were able to save the engine from complete failure which could have cost the county \$29,000.






Photo: Dieter Bothe

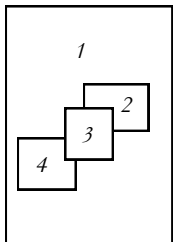
Some employees really know how to get into their work. Roger is working on the engine of a 1988 International flat-bed truck.



Photo: Dieter Bothe

-  We have 19 dedicated employees.
-  We perform maintenance and repairs on 870 pieces of equipment.
-  We supply fuel for county vehicles and have nine fuel sites throughout the county. We dispense 383,385.44 gallons of diesel and 254,850.30 gallons of unleaded fuel.

Did You Know?



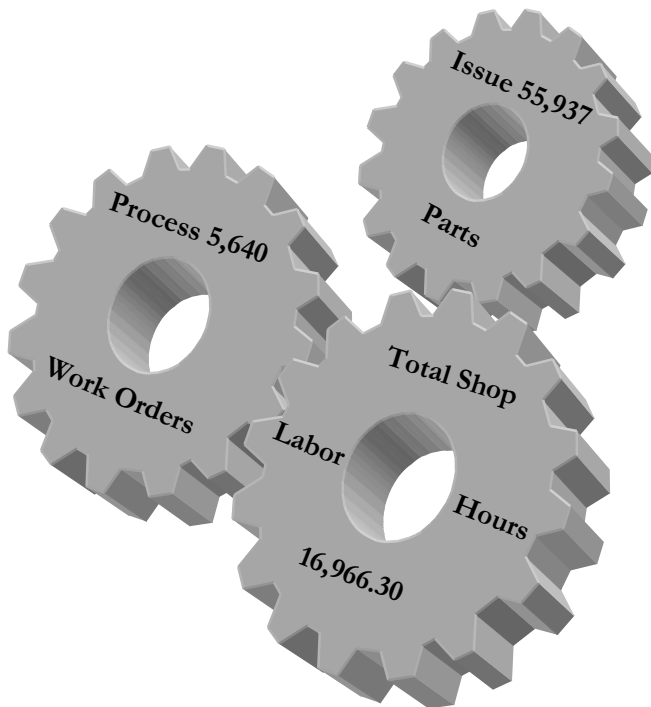
- On The Cover:
1. Removing the sander from a tandem dump truck
Photo by Dennis Vanatta
 2. Photo by Dieter Bothe
 3. Paul & Matt discussing Parts
Photo by Lois Mueller
 4. Armored personnel carrier
Photo by Dieter Bothe



Larimer County owns 23 motor graders. These units are used for road maintenance and are located throughout the county in different departments. This type of equipment burns about 43 gallons of diesel in an 8 hour shift. Photo: Darrell St Peter



John Deere mower in for engine repairs. Photo: Dieter Bothe



Outstanding Customer Service

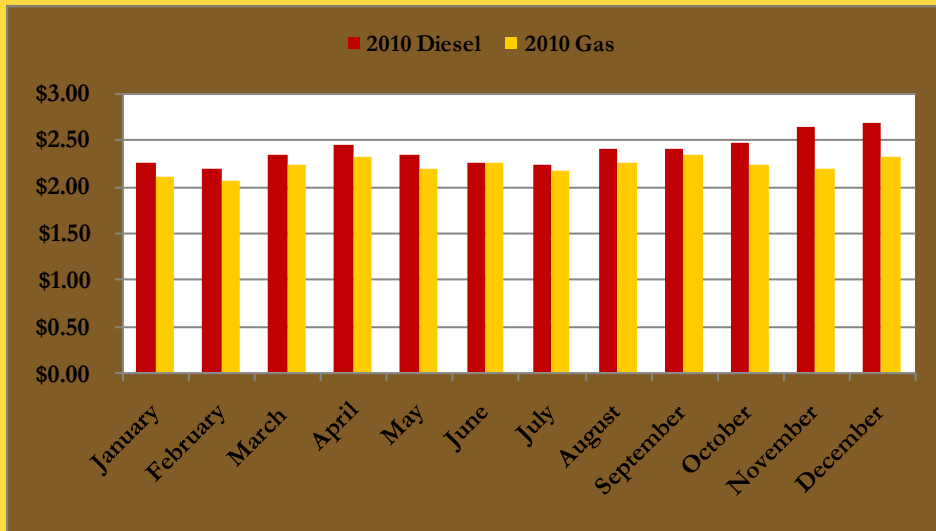
Fleet Director Kim Nohava wrote the following memo to acknowledge an example of outstanding customer service: Daniel Richerson had Unit #7283, a 2007 New Holland T6030 mowing tractor with 737 hours on the meter. It was in for repairs and Daniel heard a slight ticking noise in the engine that was so slight you had to listen to the other identical 2007 T6030 tractor's engine to hear that it was different. Daniel began checking it out and pulled #6 injector. He used his new bore scope and found that the #6 cylinder was scored. Because the unit has a 60 month, 3,000 hour warranty, it was taken to the dealer. The dealer had a great deal of difficulty verifying the problem because their bore scope would not fit in the injector hole. Since there was a problem their warranty department gave the OK to pull the head and #6 cylinder was scored. The engine is now being overhauled under warranty and will not fail when they need it for next spring's mowing season.



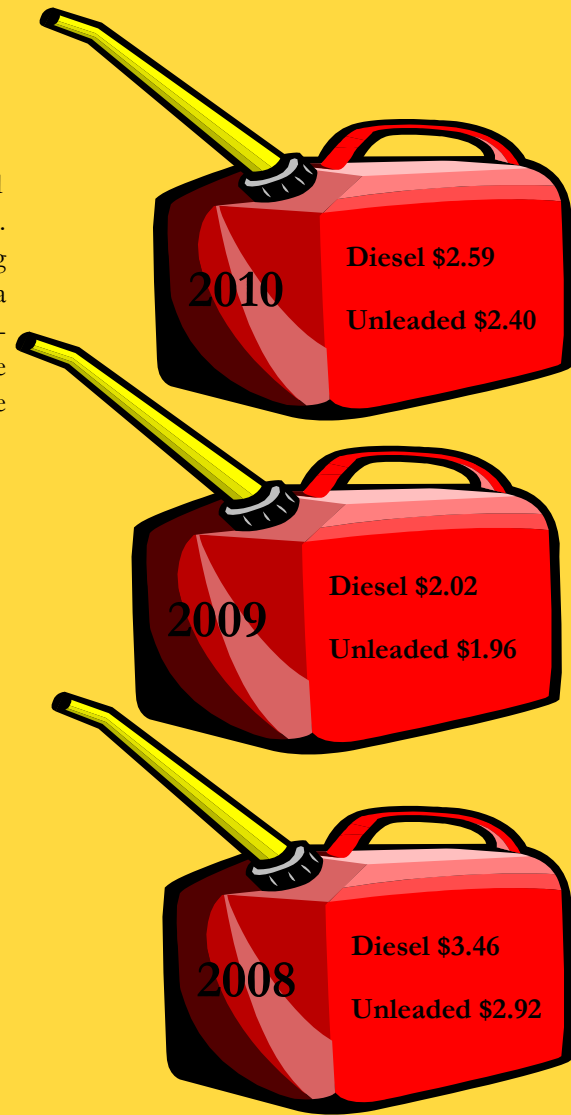
This is a classic example of having trained and experienced technicians and the proper tools to diagnose and repair equipment. With Daniel's experience and knowledge, he knew there was a problem with the engine. By diagnosing the problem, he saved the department downtime and future expensive engine repairs. This is another fine example of the commitment to service excellence that our customers receive from the Fleet staff. It is a pleasure to have knowledgeable and dedicated staff willing to go the extra mile when doing maintenance and repairs.

Fuel Cost: What Today Looks Like

Will we see \$4.50 a gallon? Many companies are predicting these prices by July 2011 and there will be continued pressure to focus all efforts to help reduce the use of fuel. Larimer County employees will do their part to improve fuel efficiency by changing driving habits, like reducing speed and eliminate excessive idling also, purchasing a new vehicle it's important to choose the right size vehicle for the job. Keeping a routine maintenance schedule is another key way to control fuel costs and improve the environment. Making adjustments now is important because fuel prices will continue to be volatile throughout the coming years.



Wholesale Average Price



Fleet Average Retail Price

Making a Difference

Story told from the heart of Roger Barnes

In January of 2010, I was scheduled for a routine outpatient procedure that has changed my life forever and sent me on an incredible journey. I was diagnosed with Throat Cancer, Stage III. Many thoughts run through your mind, what's going to happen to me, to my family, to my job - will it all be here or will I? I can't begin to tell you about the emotional journey you endure but I will share my story of the unbelievable support I received from Larimer County, specifically Fleet Services. One of the first calls I made was to Dennis Vannatta, my supervisor, to inform him of my situation. Never have I experienced such ease from an employer with allowing me to make all the necessary appointments that immediately followed diagnosis. Once I

healed from the initial surgery, I began a seven week intensive radiation and chemotherapy regimen. I worked until I could not physically perform my duties and then I really began to worry about my employment. I met with Dennis and Kim as often as I could to keep them informed and each time they were reassuring and I felt secure. My department donated enough sick hours to help me through the remaining treatment period and healing stages. I was out of work for three months. I am truly amazed at the wonderful people who took such good care of me during the most difficult moments of my life, my coworkers and my family. I am forever indebted to the employees and their generosity to ensure security of my family and me through a strenuous time and appreciate the com-

passion exhibited. I am in remission and have been back to work since June 2010 and I must admit, I'm glad to be back with such great people who I feel much attached to, not only professionally but on a personal level as well. Thank you to all.



Up-Fitting for Patrol

Article by:

Brian Steege

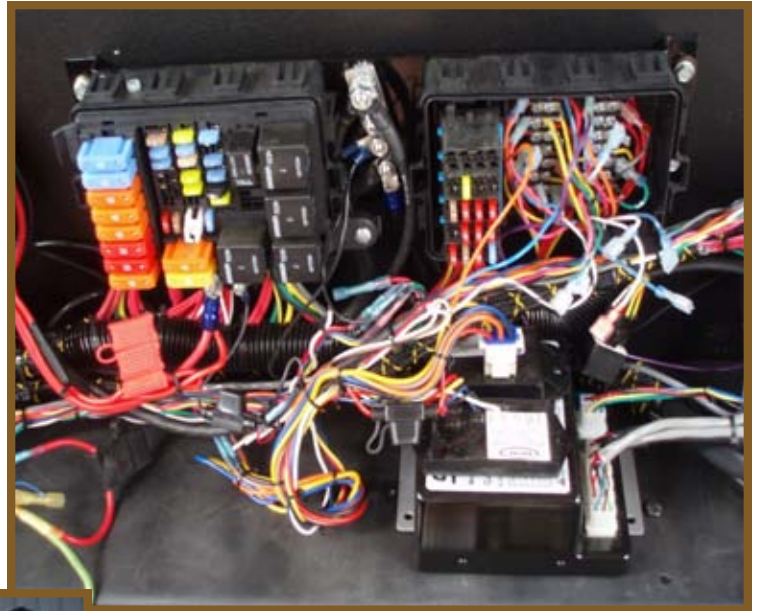
Fleet Services Equipment Maintenance Supervisor

The Larimer County Sheriff's Department has about 250 pieces of equipment maintained by Fleet Services. This equipment can be as small as a generator up to a 23,000 lb. armored personnel carrier. But the equipment that the general public sees the most is the patrol vehicles on the street. This is the deputies' "office" where they will spend a fair amount of their time while on duty. These vehicles are specifically designed for law enforcement fleet use from the factory. At this time the Dodge Charger Pursuit and the Chevrolet Tahoe SSV are the vehicles of choice for the Larimer County Sheriff's Department patrol vehicles. These vehicles are bought off the Colorado State bids that are put out every year. They cost around \$24,000 for a Dodge Charger to \$28,000 for a Chevy Tahoe. By the time they leave Fleet they can have another \$5,000 to \$30,000 invested in them, depending on what kind of equipment is installed.

So what goes into a patrol vehicle? It depends on what that vehicle is going to be used for and what terrain it patrols in. Equipment for a patrol vehicle consists of 800 and VHF radios, emergency lighting, prisoner partition, console for mounting radios and emergency equipment controller, gun locks for a rifle and a shotgun and either an equipment tray (Charger) or a storage drawer (Tahoe). All of the emergency lighting on Sheriff's Dept. vehicles use LED technology so they use a third of the power of strobe lighting and last a lot longer. The only other item that is installed is a laptop stand to support a docking station for the deputies GD8000 laptop computers.

If that isn't enough, there are some patrol vehicles that are built specifically to patrol a certain part of the county or to serve a specific function. This entails installing even more equipment or even a different type of vehicle. Vehicles that patrol in the mountain areas such as Estes Park and Red Feather Lakes are four-

wheel drive and are outfitted with special equipment such as winches and better tires for more grip off-road and in the mud and snow. Red Feather Lakes patrol vehicles are Ford F-250 crew cab pickups and are able to carry an ATV in the back so they can navigate back country trails quickly. Other special units that require more up-fitting are the Traffic Enforcement and K-9 vehicles.



After all the specialty equipment is installed, the vehicles are sent out to have the graphics installed and then they are ready to go on patrol. So what's going to be the next big thing for patrol vehicles? I'm not sure, but Chevrolet has a new Caprice and Ford wants to stay in the game with a new twin turbo all-wheel-drive police interceptor. I do know one thing for sure though, and that is don't bother running from the Sheriff's Department. You'll just be wasting fuel. Even if you could outrun the patrol car you probably won't be able to get away from the technology.

A Journey Through Larimer County Services 101

Larimer County offers a unique opportunity for citizens of Larimer County to learn about the inside workings of their government. This was a nine-week course held in the evenings throughout the county. Citizens were able to participate in making decisions, listening to presentations, and role playing.



Setting up for Larimer County 101 Photo: Rose Watson

"More than my expectation. Great seeing Fleet and listening to the speakers."

Gail, citizen who attended class



Brian Steege giving his presentation. Photo: Rita Trostel

"I am so impressed with the effort and enthusiasm put into the presentations. Also, I think it's wonderful how they bring so many different people to come and talk - It's great to see so many of the "faces" of the County, not just the department heads."

Class member



Photo: Rose Watson

Challenges Fleet Faces

Article by:

Dennis Vanatta

Fleet Services Equipment Maintenance Supervisor

One of the challenges that Fleet Services faces every year is cold-weather related diesel fuel issues. Years ago problems arose with diesel fuel jelling at cold temperatures. The paraffin base in the fuel would condense as the temperature would drop and plug the filters, stopping the flow of fuel. Today the fuel supplied along the Front Range can contain up to 2% bio diesel and are not jelling as before, but we are seeing ice formations in the filters. The 2% bio diesel may or may not be a contributing

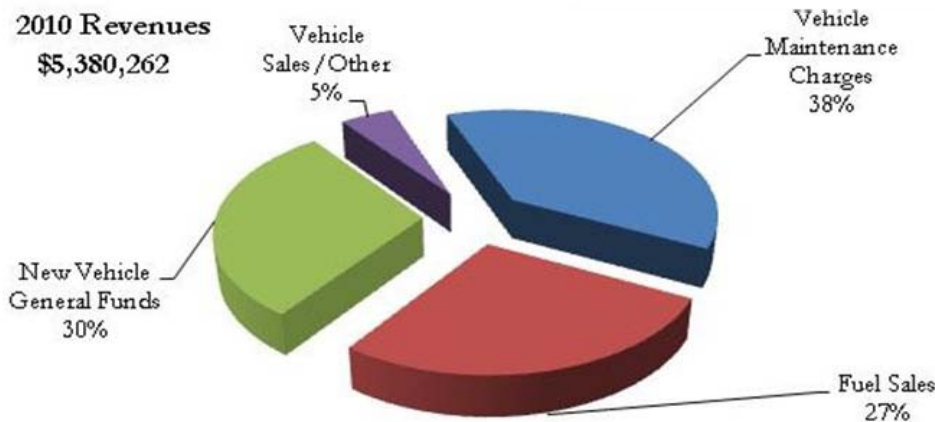
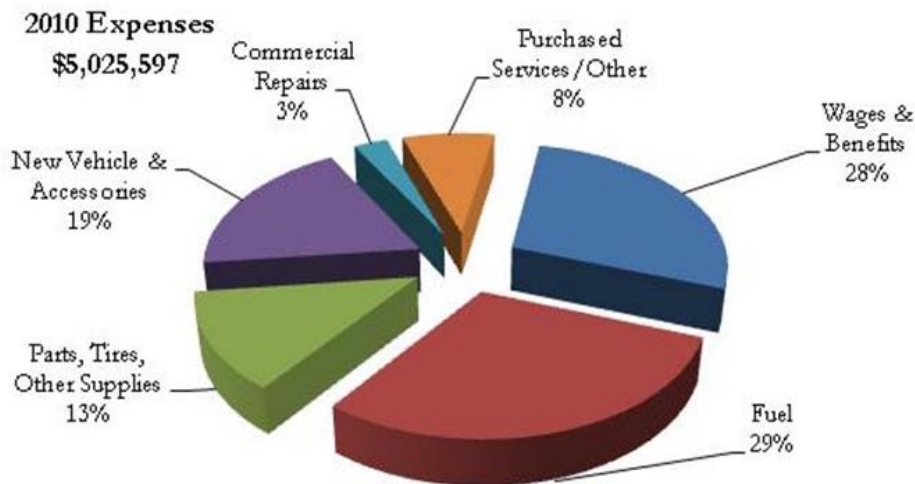
factor to the problem but the fuel seems to contain more water. A lot of the problem might also be attributed to a lower sulfur content, previously 5,000 parts per million now 15 parts per million. The fuel supplied to Larimer County is rated at -21 degrees to -29 degrees. The cold filter plug point specifications used to have a filter micron rating of 40. Most filters now are 10 microns or less, with some rated as low as 3 to 5 microns. The cold filter plug point is now very critical. Sulfur in diesel fuel used to keep micro-organisms at

bay and carry out more water through the injection system which is more of a problem now with the low-sulfur fuel.



Summary of Finance

Fleet Services is self-funded with the exception of light duty vehicle purchases for other county departments. General county funds are utilized for these purchases based on scheduled purchases for the year.



These figures are unaudited; Audit to be completed mid-2011.

Looking Ahead, the Cost of Doing Business



The GPS technology to track and monitor driver and vehicle location is not new, but it is becoming more widely available by multiple manufacturers. With the influx of companies selling this technology, it will become more affordable with time. The systems can provide the information on driver behavior, vehicle, location and

promote fuel efficiency through mapping of better routes to reduce miles traveled. They can interface with the vehicle's electronics to monitor vehicle performance, utilization, idle time, road speed, component usage, diagnostics, daily vehicle inspections, and reports. They can monitor driver behavior by measuring aggressive driving habits from speeding to hard braking and cornering, and record information during a crash and provide accident notification. Daily, monthly, and annual reports are available. Technology is rapidly advancing by all manufacturers with a wide variety of options available. Items that were previ-

ously only available as aftermarket are now standard equipment. Investing in this technology will be a decision that Larimer County has to make as the cost per vehicle comes down and it is determined how it will improve the efficiency of operating our fleet.

Contact Information

Location

614 East Vine Drive
Fort Collins, CO 80524-2377

Mailing Address

Larimer County Fleet Services
PO Box 1190
Fort Collins, CO 80522-1190

Phone

(970) 498-5690
(970) 498-5678 Fax

Office Hours

6:30 a.m. - 5:00 p.m.
Monday - Friday

On the Web At:

www.larimer.org/fleet

Public Works Division

Marc Engemoen, Director

Engineering
Fleet

Natural Resources

Road and Bridge

Solid Waste

The Ranch

Larimer County Vision Statement

Larimer County will add value to the lives of its citizens by:

- Building Partnerships
- Being Customer Driven
- Empowering People to Take Responsibility
- Being a Fulfilling and Enjoyable Place to Work
- Being a Good Steward of Public Resources



FLEET SERVICES



2006 - 2010 Five Year Review



***K**eeing up with Technology*

The complexity of new vehicles has changed so much in the last five years that it could present a real challenge to technicians if they don't stay up on training. Fleet technicians thrive on doing the job right the first time and that is why they are trained on the latest technology when it's available. With the increasing levels of electronic features in heavy equipment, it's almost impossible to diagnose a problem without having a laptop and proper software. The increasing use of electronically controlled components has also led to more electrical problems today than even five years ago.



***M**aking it Better*

Fleet Services is always looking for ways to better our customer service. One of the ways we did that was upgrading our fuel system. In 2008 Fleet Services took on a challenge to upgrade the fuel system software. This was a huge project that took many months of planning, but our efforts paid off with a more customer-friendly system. Fleet Services has seen improvements over the last two years as the fuel sites became more reliable and efficient.



***W**hen Cost Matters*

With fuel pricing driving the cost of freight up, Fleet Services Parts Room now more than ever needs and is showing intelligent procurement practices. Since 2006 tire prices have increased 35%, motor grader blades 14%, and maintenance parts; such as, batteries, brake supplies, and filters approximately 22%.

During the same time, Fleet added an extra diesel dispenser at the Vine location, helping to cut down on wait times.



“Excellence is not a skill. It is an attitude.”

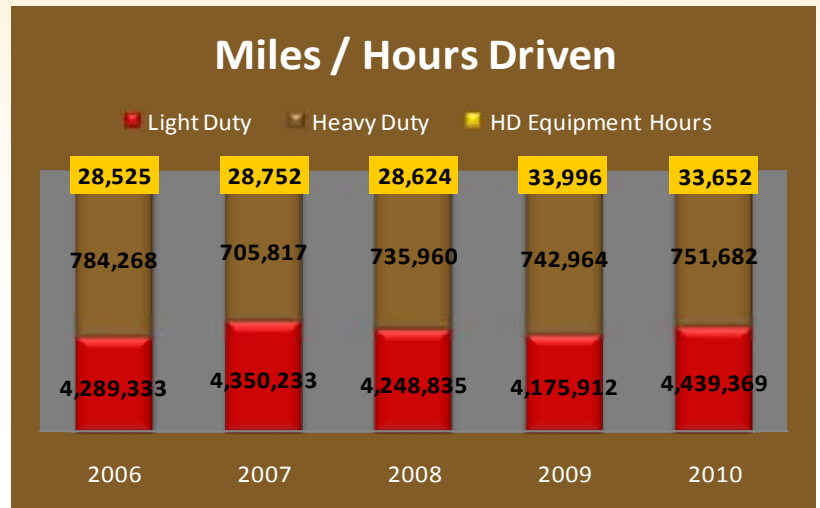
-Ralph Marston

We Will Continue to Improve Our Levels of Services



As Time Changes

The total amount of miles traveled every year by Larimer County employees performing their services to the public remains fairly consistent. In 2006 they traveled 4,289,333 and in 2010 they traveled 4,439,369. With fuel costs being extremely high in 2008 the miles driven was only 40,498 less in 2006. The services they provide still have to be performed. As times change and fuel prices begin to climb we may see reductions in some operations. With changing technology and more efficient vehicles we should be able to deliver the services to the public they are accustomed to by right sizing our fleet.



Spinning our Wheels

In 2006 the Ford Crown Vic Police Interceptor was the vehicle that most law enforcement agencies (including Larimer County) were purchasing for their fleets. The car was durable and did its job pretty well. Larimer County also purchased three Dodge Charger police packaged cars for testing in their traffic enforcement unit and were very pleased with the performance of the Charger. So, in 2007 the Crown Vic was replaced by the Dodge Charger for patrol.

Five years later the Sheriff's Department is still issuing the Dodge Charger police package to patrol the streets and are still pleased with the performance of this vehicle.

BREAKING IT DOWN

	2006	2010	
Number of full-time employees	19	19	0%
Number of units receiving maintenance and repairs	799	858	7%
Fleet average retail fuel price: diesel	\$2.51	\$2.59	3%
Fleet average retail fuel price: unleaded	\$2.34	\$2.40	3%
Total volume of fuel dispensed: diesel	388,266 GL	383,385 GL	1%
Total volume of fuel dispensed: unleaded	370,882 GL	254,850 GL	31%
Annual repair costs due to accidents	\$89,466.06	\$63,480.45	29%