

Fleet

To extend the life of all City equipment, Fleet staff employees put in 376.5 hours of preventative maintenance in 2010 and also completed 1,159 repair orders. City vehicles were driven 530,709 miles and used 64,348.7 gallons of fuel. Equipment used 15,251.5 gallons of fuel during 19,622 hours of use.



Parks & Trails

Prior Lake's system of parks, trails and athletic fields are a tremendous community asset – but they wouldn't be without the tireless efforts of Public Works employees.

ATHLETIC FIELDS:

Beginning in 2010, Prior Lake Amateur Baseball Association (PLABA) and the Prior Lake Athletics for Youth (PLAY) have assisted in the maintenance of our athletic fields. This has led to a decrease in time that staff had typically spent striping, chalking and dragging fields from 7,536 hours to 1,675 hours.

Staff also spent 3,470 hours mowing/whipping/fertilizing/herbicide/aerate/topdressing/seeding and irrigation maintenance. You come to realize just why Prior Lake fields are such a source of community pride.

TRAILS & SIDEWALKS: To facilitate pedestrian and recreational traffic, after snow events Public Works cleared 45.8 miles of City trails and sidewalks. Combined, City staff spent 235.8 hours on snow removal on trails and parking lots. Throughout 2010 staff worked an additional 746 hours on general trail and sidewalk maintenance.

LANDSCAPING & CITY-OWNED FACILITIES: To keep the landscaping at City-owned facilities and along streetscapes looking its finest, Public Works spent 1,550 hours on maintenance, and also 1,964 hours were spent on facilities maintenance.

TREES & NATIVE AREAS: Public Works planted 110 trees in City parks, boulevards, and the City nursery and spent 1,950 hours on the planting, watering, mulching, trimming and removing trees also in an effort to keep and restore areas in the city to their native state.

Staff spent 222 hours in the removal of buckthorn and other invasive species from park areas.

CLEAN-UP, RECYCLING & REFUSE:

The 22nd Annual Clean-Up event attracted 350 vehicles and resulted in the disposal of 24,733 pounds of electronics, 257 appliances and 5.473 tons of tires.

Throughout 2010, Public Works spent 1,560 hours picking up refuse throughout the City in an effort to keep Prior Lake looking great. Staff collected more than 120 tons of refuse.

NEW CONSTRUCTION:

Public Works added many new amenities to the City in 2010. Some of the most notable: Stonebriar Park boasting a new playground and covered bench setting area; Jeffers Nature Preserve sporting a shelter/classroom, an arched bridge and chipped walking trails thru the scenic woodland; and Raymond Avenue Park received a new shelter and a 200 foot fishing pier/boatslip.

The Year in Public Works

They are the unsung heroes of society – serving the public 24 hours a day with quiet dedication and determination, providing valuable services like fresh water, clean and safe streets, sewer service, flood control, beautiful parks and trails, well-groomed athletic fields and much more.

Remember your public works professionals during the 2011 National Public Works Week (May 15 - 21) and their contributions to making Prior Lake a Wonderful Place to Call Home.

Learn more
about Public
Works at
(952) 447-9830

Public Works 2010-2011



MAINTENANCE STAFF

*Public Works Above, Below
and All Around You*

Public Works



Sewer

No one wants to have a sewer backup at home, and Public Works goes to extraordinary lengths to prevent it from happening. In 2010, crews jetted (or flushed) 165,388 linear feet of sewer line – the equivalent of 31.3 miles! Two lift stations were also rehabilitated.

Water

In an attempt to keep waterlines clean and functioning properly and avoid brown water complaints, Public Works spent 647 hours flushing lines. They also repaired 61 hydrants, installed 108 meters, repaired 101 meters, and pumped 770.6 million gallons of water.

Storm Drain/ Water Quality

ENVIRONMENTALS/OUTLETS/POND MAINTENANCE:

City staff completed a total of 1,425 hours of work in relationship to environmental cleaning, outlet cleaning and improvements, pond and stream improvements throughout the city's storm sewer system. This particular work completed has a large impact on Prior Lake water quality, the community and those who visit for recreation purposes.

SUMPS & SWEEPING: Sumps are components of the storm sewer system designed to catch debris before it has a chance to enter the lake. Public Works cleaned 75 sumps in 2010. Public Works employees go to great lengths to prevent salt, sand, yard waste and debris from reaching storm sewer catch basins – and eventually our lakes and streams. In 2010, crews spent 1,591 hours sweeping and collected 535 cubic yards for winter clean-up, 685 cubic yards for summer compost clean-up, 1,135 cubic yards for fall compost clean-up and 425 cubic yards of seal coat chips.

Streets

SNOWPLOWING: Crews were on the roads during 20 plowing events and 8 salt-only events, which brought an accumulation of 79 inches of snow. In all, they spent 1,140 hours plowing snow, covering 96 centerline miles and applying 600 tons of salt. An additional 100 tons of salt were used in anti-icing and pre-wetting applications, taking 500 hours to complete.

PATCHING: Typically done when only a portion of the road is damaged (i.e. a pothole), and the entire road does not need to be repaired, patching is a cost-effective fix. In 2010, the city used 1,735 tons of asphalt and 25 tons of cold mix (used in winter when asphalt plants are not in operation).

SEAL COATING: Streets are seal coated 7-10 years after they are built to extend the life of the pavement. In 2010, 213,000 square yards of street were seal coated.

STRIPING: Through a joint powers agreement, several cities combine their street marking, sweeping, crack sealing and seal coating projects, which lowers the unit bid price of contractors and saves taxpayer dollars. In 2010, 112,188 linear feet of striping was completed in Prior Lake.

OVERLAYING: Overlays are typically done 10-15 years after the street is built to help extend the life of the pavement. In 2010, overlays used 8,588.28 tons of asphalt.

GRAVEL ROADS: The city still maintains 2.5 miles of gravel roads and used 480 tons of gravel in 2010.

Engineering

NEW DEVELOPMENT: The Engineering division of Public Works had a busy year in 2010 as well, reviewing and processing the following subdivision projects:

- 5 Preliminary Plats
- 5 Final Plats/Construction Plans/ Developer Agreement
- 7 Site Plans/Conditional Use Permits

COUNTY COORDINATION:

Engineering staff designed, managed and inspected construction of the City portion of the County Road 12 improvements. This project featured utility upgrades, street reconstruction, water quality construction, at a construction cost of \$3.5 million. The City also initiated a driveway reconstruction program. Staff also designed, managed and inspected a \$350,000 utility extension project on the County Rd. 21 Extension Project.

PERMITTING ACTIVITY:

- Engineering also reviewed:
- 12 grading permits for existing homes
 - 101 right-of-way permits
 - 2 wetland mitigation permits / replacement plan monitoring reports



Public Works Annual Report for 2010-11