

Fleet

There are a total of 141 vehicles and equipment in the fleet inventory. To extend the life of all City equipment, Public Works employees put in 3,325 hours of repairs in 2011 and also completed 1,300 repair orders. City vehicles and equipment used 78,350 gallons of unleaded gasoline and fuel.



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: Prior Lake has seven baseball fields, 17 softball/T-ball fields and 12 soccer/football fields. In 2011 alone, the Ponds Athletic Complex hosted over 2,000 games of softball and baseball. To facilitate this activity, Public Works staff devoted 2,316 hours to maintaining the fields and facilities, including striping, chalking and dragging.

Couple that with another 5,011 hours of field mowing/turf maintenance and park visitors can realize why Prior Lake's 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 1,855 hours on snow removal on trails and parking lots. Throughout 2011 staff worked an additional 445 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 1,630 hours on maintenance. Maintenance of all City-owned facilities added up to 2,252 hours.

TREES & NATIVE AREAS: Staff planted 1,000+ trees in city parks, boulevards and nursery, and spent 3,656 hours planting, watering, mulching, trimming and removing trees.

Staff also devoted 417 hours to the removal of buckthorn and other invasive species from Lakefront Park.

NATURAL RESOURCES: City staff coordinated the efforts of Arbor Day which lead to a total of 450 trees being sold. Staff addressed Oak Wilt abatement for a total of 18 trees affecting 9 residents. In addition, the compost site hosted a total of 15 events which included a total of 210 hours of staff's time. This site served a total of 2,066 vehicles and yielded 240 yards of compost which was later reused for topdressing.

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 2012 National Public Works Week (May 20 - 26) and their contributions to making Prior Lake a Wonderful Place to live, work and play for a lifetime.

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

Public Works 2011-2012



MAINTENANCE STAFF

*Creating a Lasting
Impression*



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 2011, crews jetted (or flushed) 244,464 linear feet of sewer line – the equivalent of 46 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 876 hours flushing lines. They also repaired 150 hydrants, installed 103 meters, repaired 120 meters, and pumped 812 million gallons of water.

Storm Drain/ Water Quality

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 247 sumps in 2011. 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 2011, crews spent 1,754 hours sweeping and collected 597 cubic yards for winter clean-up, 755 cubic yards for summer compost clean-up, 1,246 cubic yards for fall compost clean-up and 204 cubic yards of seal coat chips.

Streets

SNOWPLOWING: Crews were on the roads during 9 plowing events and 6 salt-only events, which brought an accumulation of 20 inches of snow. In all, they spent 1,549 hours plowing snow, covering 98 centerline miles and applying 300 tons of salt. An additional 200 tons of salt were used in anti-icing and pre-wetting applications, taking 557 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 2011, the city used 836 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 2011, 102,015 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 2011, 125,529 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 2011, overlays used 3565 tons of asphalt.

GRAVEL ROADS: The city still maintains 2.5 miles of gravel roads and used 480 tons of gravel in 2011.

MISCELLANEOUS: City staff also spent a total of 1,144 hours completing 11,118 locate tickets confirming street light power, storm and sanitary sewer as well as the water main and service lines. A total of 8 water main repairs were completed in addition to 123 manhole and gate valve castings being adjusted.

Engineering

NEW DEVELOPMENT: The Engineering division of Public Works had a busy year in 2011 as well, reviewing and processing the following subdivision projects:

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

STREET & UTILITY RECONSTRUCTION:

Engineering staff designed, managed and inspected construction of the Boudin's Phase I neighborhood improvements. This project featured utility upgrades, street reconstruction, and pond construction at a cost of \$ 2.35 million. The City also continued to offer the driveway replacement and rain garden reconstruction program for neighborhood reconstruction projects.

PERMITTING ACTIVITY:

Engineering also reviewed:

- 11 grading permits for existing homes
- 1 new construction grading permit with inspection
- 81 right-of-way permits
- 8 wetland mitigation permits / replacement plan monitoring reports.



Public Works Annual Report for 2011-12