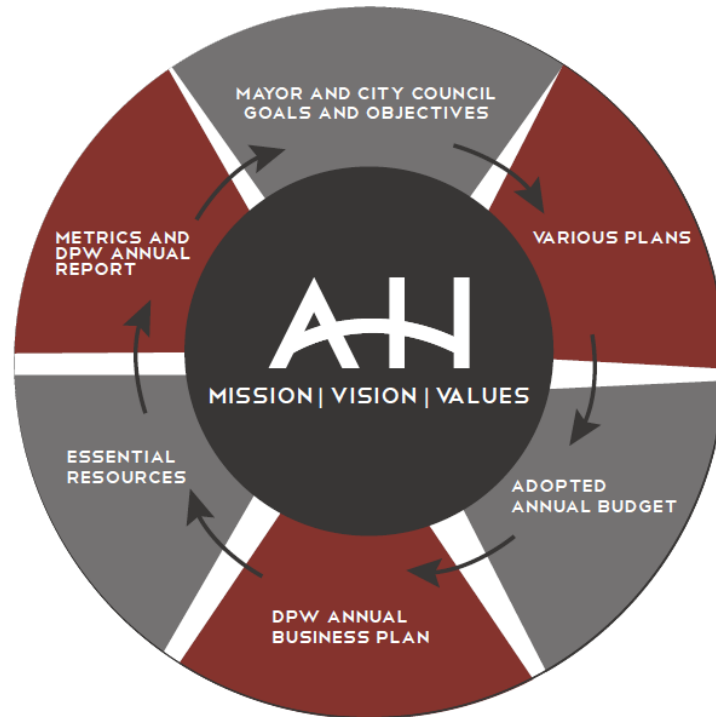




Department of Public Works 2018 Accomplishments



APPROVED BY: Ronald J. Melchert, Director of Public Works
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Background

The City's Mission is to be stewards for the community through a connected, transparent, and efficient government; this is what the Department of Public Works (DPW) does. The City's Values are Attentive Service, Diversity, Excellence, Fiscal Responsibility, Humility, and Safety; this is how the DPW does what we do. The City's Vision is Auburn Hills will be a community with the heart of a small town that operates with the excellence of a world class city; this is why the DPW does what we do.

The purpose of this document is to provide an overview of City accomplishments that DPW assisted with in 2018. Note that accomplishments are categorized by respective division. With that, one accomplishment that we would like to highlight in this section is that DPW worked to fill 11 vacant positions in 2018 including a Deputy Public Works Director, Manager of Fleet & Roads, Manager of Municipal Properties, GIS Asset Management Specialist, four General Maintenance staff members, a Mechanic, an Administrative Assistant, and a Utility Billing Clerk. Those eleven positions make up just over 25% of our full-time workforce, which presented a myriad of challenges, and yet we were able to do whatever was necessary to make sure that the City's projects were completed as planned and our citywide working was getting done and to the standard it has typically been delivered.

Fleet & Roads

The Fleet Division (Fleet) is made up of three full-time personnel including two Mechanics and one General Maintenance staff member. In addition to supporting various initiatives and projects, Fleet is also responsible for the maintenance and management of more than 125 fleet units and over 150 pieces of equipment.

The Roads Division (Roads) is made up of seven full-time personnel. In addition to supporting various initiatives and projects, Roads is also responsible for the maintenance and management of more than 90 miles of roadway, over 120 miles of pathway, nearly 225 Miles of storm mains, more than 2,750 catch basins, and all City roadway and related signs.

In extension of the above, some of Fleet & Roads accomplishments from 2018 include the following:

- Awarded \$300,000 in Michigan Transportation Economic Development Funding for West Entrance Drive Reconstruction
- Awarded \$47,000 in Oakland County Local Road Improvement Funding (offset Giddings Road costs)
- North Squirrel Road Concrete Patching
- Hamlin Road Concrete Repair
- Giddings Road Asphalt Resurfacing (received \$920,000 in MDOT funding)
- Pontiac Road Asphalt Resurfacing (received \$625,000 in MDOT funding)
- Downtown Rehabilitation Project, including watermain replacement, round-a-bout and road construction, planter box rehabilitation
- Responded to 59 Winter Events
- Resurfacing of Brown Road Pathway, Joslyn Road to Baldwin Road (paid \$17,000 for \$50,000 worth of improvements)



- DPW Fuel Storage Improvements
- DPW Parking Lot Storm Drain and Resurfacing Improvements
- Procurement of Over \$1,000,000 in Fleet and Equipment

Municipal Properties

The Facilities Division (Facilities) is made up of two full-time personnel for day to day facilities maintenance and management. Facilities also includes a six person custodial services team, consisting of three full-time and three part-time personnel. In addition to supporting various initiatives and projects, Facilities is responsible for the maintenance and management of more than 30 Public Structures.

The Grounds Division (Grounds) is made up of six full-time personnel. In addition to supporting various initiatives and projects, Grounds is responsible for the maintenance and management of over 460 acres of City lands. That includes all City parks and right-of-way, trees, and irrigation. Additionally, Grounds leads in supporting the operations of most City events.

Municipal Properties is also augmented in personnel by two staff that are dedicated to electrical maintenance and management for both Facilities and Grounds. As it relates to the scope of services provided, and in addition to directly supporting Facilities and Grounds, these two maintain over 1,400 street and parking lot lights and assist with required Miss Dig staking.

In extension of the above, some of Municipal Properties accomplishments from 2018 include the following:

- Landscape Contract Renegotiation for Fiscal Responsibility
- Riverside Amphitheater Project
- 8 Pop-up Park Events
- 21st Year Participating in Tree City USA
- Various Play Structure Improvements
- Demolition of Nature Center
- University Center Rehabilitation
- DPW Roof Replacement
- City Hall Renovations and Moves for City Manager's Office, Finance Department, City Clerk's Office and City Assessor's Office
- 6 HVAC Replacements

Public Utilities

The Public Utilities Division (Utilities) is made up of 13 full-time personnel. In addition to supporting various initiatives and projects, Utilities is responsible for over 180 miles of water main, nearly 200 miles of sewer main, more than 2,600 water system valves, 2,500 plus hydrants, over 2,900 sewer manholes, four sanitary sewer lift stations, a booster station, and a water tower. Additionally, Utilities is responsible for the City's Cross Connection Control Program, construction related inspections for water and sewer services, and metering and utility billing.



In extension of the above, some of Utilities accomplishments from 2018 include the following:

- Development Support: 53 New Construction Sites (more than 150 buildings); More than 4,500 Miss Dig Tickets (up from around 3,600 in 2017)
- Opdyke Road Bridge, 2 Miles of Watermain, Road, and Pathway Project
- Pontiac Road, 1 Mile of Watermain and Road Project
- Downtown Auburn Road Watermain Replacement
- Renegotiated Four Year Agreement with Great Lakes Water Authority
- Replaced Over 1,000 Meter Reading Units (devices that send readings to our database for automated reads)
- Booster Station Improvements
- Cleaned 70,661 LF and Televised 121,807 LF of Sanitary Sewer Main
- Grey Road Lift Station Improvements
- Fieldstone Lift Station Improvements
- Water Leak Detection Program Improvements
- Cross Connection Program Education Improvements

Conclusion

The DPW's primary function is to maintain the City of Auburn Hills vast public infrastructure. We are dedicated to minimizing emergency corrective active with comprehensive preventative maintenance programs. These programs help us to achieve the City Council's Goals and Objectives while realizing the City's Mission, Vision, and Values.

On behalf of the entire DPW Team this report is respectfully submitted.

Ronald J. Melchert
Director of Public Works