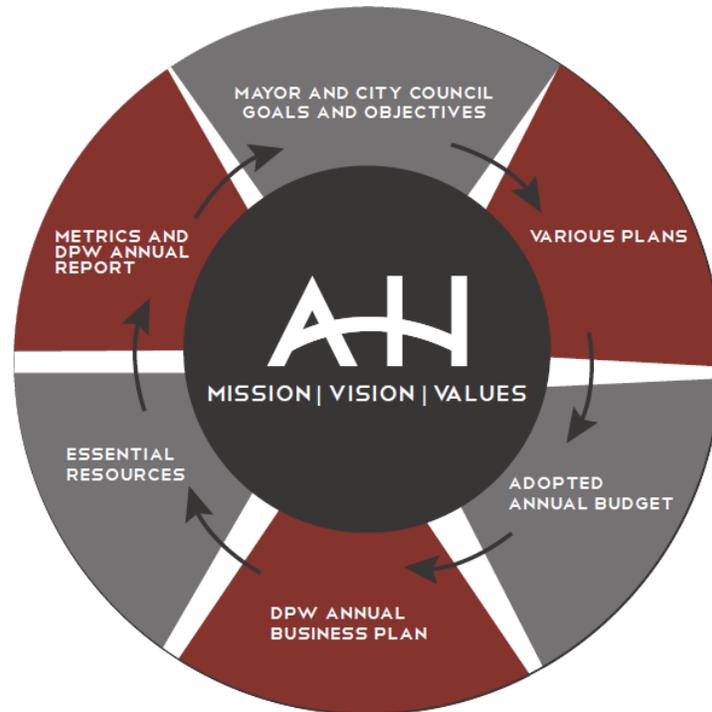




Department of Public Works 2019 Accomplishments



Approved By: Ronald J. Melchert, Director of Public Works

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Background

The purpose of this document is to provide an overview of City accomplishments that the Department of Public Works (DPW) assisted with in 2019. Accomplishments are categorized by respective division. With that, one accomplishment that we are tremendously proud of and would like to highlight here is the various improvements that we have been able to make in collaboration with the Community Development Department to improve the permitting process for our various stakeholders. Improvements include automating processes, enhanced monitoring, and more intentional collaboration.

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 2019 include the following:

- Fleet averaged 120 work orders per month.
- Fleet purchased 11 vehicles this year.
- Roads inspected nearly 700 catch basins, of which 28 were repaired in-house and two by contract. A larger number of repairs are planned for 2020.
- Roads produced an average of 49 signs per month.
- South Squirrel Road rehabilitation and water main replacement from Primary to South Boulevard.
- Taylor Road concrete patching from Giddings Road to Lapeer Road.
- Asphalt surface treatment on Great Lakes Crossing, Chrysler Drive, and the Walton Heights Subdivision.
- Tee box marker installation at Fieldstone Gold Course (18 replacement granite markers).



- Assisted with the closeout of applicable 2018 projects that rolled over in to 2019 as a result of the Operator Union lockout including Pontiac Road, Opdyke Road, Giddings Road, Hamlin Road, and Auburn Road.

Municipal Properties

The Facilities Division (Facilities) consists of seven full-time personnel for day to day facilities maintenance and management. This consists of a Crew Leader, one General Maintenance technician, two electrical positions and a custodial team. One of our electrical positions is a Master Electrician and the other is training in an electrical apprenticeship under the Master Electrician. Our Custodial staff consists 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 nearly 40 structures, many of which are occupied. Facilities is also responsible for maintaining over 1,400 street and parking lot lights and assisting with Miss Dig staking.

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.

In extension of the above, some of Municipal Properties accomplishments from 2019 include the following:

- Facilities completed over 2,000 work orders.
- Implemented a ticketing system to aid with the planning, organizing, staffing, directing, coordinating, reporting, and budgeting of Municipal Properties.
- Hosted annual household hazardous waste event, collecting 28,254 pounds of items including 10,000 pounds of electronics, 2,800 pounds of motor oil, 180 pounds of light bulbs, 1,400 pounds of batteries, four pounds of mercury, 2,400 pounds of oil based paint, and 888 pounds of pesticides.
- Remodeled the Public Safety Building fitness room.
- Fabrication and installation of five city entrance signs.
- Installation and setup up of the new state of the art planter box lights.
- Aided with the completion and ribbon cutting of the Riverside Park amphitheater and splash pad.
- Planted 179 trees and or shrubs to replace the 173 trees removed.
- Transitioned to a new Horticulture Provider.



Public Utilities

The Public Utilities Division (Utilities) is made up of 12 full-time personnel. In addition to supporting various initiatives and projects, Utilities is responsible for over 180 miles of water main, nearly 120 miles of sewer main, more than 2,600 water system valves, 2,500 plus hydrants, over 2,900 sewer manholes, 4 sanitary sewer lift stations, 10 pressure reducing valves, 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 water usage related to utility billing for over 6,000 customers served. The Utilities Division was approved one additional full time General Maintenance technician for 2020.

In extension of the above, some of Utilities accomplishments from 2019 include the following:

- Completed over 5,000 requests for MISS DIG staking, which has never happened in the City's history.
- Nearly 1,000 development inspections.
- More than 500 in-house plan reviews.
- 2,500 hydrants inspected.
- Nearly 600 valves inspected.
- Re-built two pressure reducing valves.
- 22 water and sewer connections/disconnections.
- 62,000 linear-feet of sewer line cleaned and inspected.
- Over 400 meter interface units replaced.
- Installed new drinking fountain on Clinton River Trail.
- Replaced pumps in storm water lift station at golf course. All five stations have now been rehabilitated over the past three years.