

AGENDA 7a-3
DATE 8-21-2018

DEPARTMENT OF PUBLIC WORKS

CITY OF NORTON SHORES

MONTHLY REPORT

July – 2018

PUBLIC WORKS

The Public Works Department responded to eight after hours emergency calls and three business hours emergency calls during the month of July; including nine lift station alarm calls, and two Streets calls.

WATER & SEWER

Water and Sewer personnel installed one water service (one year-to-date) and inspected three sewer connections (three year-to-date) during the month of July. Comparatively, a total of six water services (six year-to-date) were installed and two sewer connections (two year-to-date) were inspected during FY-2018.

Water and Sewer personnel repaired eight curb stops (eight year-to-date) and tested 24 large meters (24 calendar year to date). Crews performed an emergency repair on a residential water service that was hit by an outside utility company. The water service at 3134 McCracken was found leaking within the right-of-way. The City replaced their portion of the service with new materials and removed the lead service that was supplying the parcel.

The fire hydrant at the NW corner of Porter Road and Clearwater Street was struck by a vehicle on June 21, 2018. The City deemed the hydrant to be in-operable because it leaked underground at the base of the hydrant. Crews removed the old hydrant, 6" hydrant valve, and 12" mainline valve from the NW corner of the intersection and installed a new hydrant, 6" hydrant valve at the SW corner of that same intersection.

Water and Sewer personnel witnessed and sampled a new fire hydrant lead that was installed at 6060 Norton Center Drive (GE Aviation). Also, crews witnessed and sampled the new 16" water main on E. Broadway Avenue. All samples and tests passed on these projects.

Personnel cleaned 17,132 feet of mainline sewer during the month (17,132 feet year-to-date). Crews assisted Kennedy Industries with the bypass pumping of both Seminole Road lift station Flygt pump replacements. Personnel also repaired the Sheffield Street lift station guide rails and pump discharges.

Water and Sewer clerical personnel mailed out the third round of letters to non-residential accounts required to test any cross connection backflow devices due for 2018. The Division's annual inventory was completed and submitted.

Below are some pictures of the lead service remove from 3134 McCracken:



STREETS & DRAINAGE

City crews responded to 189 staking requests.

Nine sign work orders were completed for the repair/replacement of five regulatory signs, the installation of two new regulatory signs, and the installation of two delineators.

Major and Local Streets

Streets Division personnel continued with the dura patch operation to repair asphalt seams on Sternberg Road, between Grand Haven Road and Harvey Street. Personnel also

completed repair work on Seminole Road, between Henry Street and Seaway Drive. Crack sealing was done on several roads throughout the city. Pothole patching was done as needed with hot mix asphalt. Several traffic counts were done for speed studies as well.

Gravel roads were graded as needed and had the second application of dust control calcium chloride (brine) applied. Wood Road leaf site was pushed up and maintained as needed. Street sweeping was done as needed throughout the city. Multiple drains were also cleaned of dirt and debris.

Road side mowing was completed for a second time this season. Multiple dead/diseased trees were removed and had topsoil and grass seed applied. Tree trimming was done for visibility issues as needed. Equipment cleanup was done as needed, along with garage cleaning and maintenance. Art & Drafts banners were installed along Henry Street Bridge. Debris and deceased animals were removed from the road sides as needed.

Equipment

Equipment maintenance personnel completed 87 services/repairs in July. The fuel system dispensed 6,658.9 gallons of fuel in July. Public Works Department vehicles consumed 2,798.2 gallons during the month.

Miscellaneous

Norton Shores residents utilized the Muskegon County Solid Waste Facility with a total of 43 cars and 29 trucks monitored in July.

BUILDINGS AND GROUNDS

The following is a listing of Building & Grounds Maintenance Division activities completed in addition to normal daily custodial and maintenance routines.

City Hall

- LED exit sign installation completed
- New generator serviced and running
- Called in service for RTU #6 over PD, repairs completed

Library

- Met with contractors for HVAC system replacement
- HVAC bid opened on July 19th
- Cleaned wooded area of garbage

Cemetery

- One burial was performed
- Three cremain burials were performed
- Replaced four broken irrigation heads

ENGINEERING

Broadway Avenue Reconstruction (Phase 1 & 2):

Limits: Getty Street to US-31
Description: Reconstruction of existing roadway and water main along the proposed route.
Consultant: Prein & Newhof, Grand Rapids, MI
Contractor: Jackson-Merkey Contractor, Inc., Muskegon, MI
Month's Work: Work started with the removal of the existing roadway. The 16-inch water main was installed along Broadway and testing was completed. The existing services will be switched over to the new main in August.
Funding: STIP with local matches
Project Start: June 18, 2018
Estimated Finish: Fall 2019

2018 Sidewalk Project:

Limits: Pontaluna Road (Grand Haven Road to Schamber Drive)
Lake Forest Drive (Seminole Road to Oakway Drive)
Ellis Road (Harvey Street to US-31)
Description: Construction of new sidewalk along the proposed routes.
Consultant: City Staff
Contractor: EPIC Excavating, Inc., Grand Rapids, MI
Month's Work: Work was started along Lake Forest Drive. Excavations, forming, concrete placement and restoration has been completed, except for the placement of field stone at Oakway. Excavation and forming for the Ellis Road sidewalk has started. Pontaluna Road sidewalk has been staked.
Funding: Capital Improvement and TIFA Funds
Estimated Start: July 9, 2018
Estimated Finish: Mid-summer 2018

HIP/HMA Overlay Project 2018 (FY19)

Limits: Selected Streets
Description: Mill and Replacement of HMA surfaced roadways and Hot-in-Place recycling of existing asphalt pavements with the placement of HMA overlay.
Consultant: City Staff
Contractor: Gallagher Asphalt, Thornton, IL for Hot-in-Place Recycling
Michigan Pavement & Material, Comstock Park, MI for HMA Mill and Pavement and HIP Overlay.
Westshore Consulting, Surveying and Material Testing
Month's Work: All milling, installation of leaching basins and pavement work for Southwood, Meta, Castle, Whittkopp, Butler and Columbus were completed. Lake Harbor Road milling and placement of base course work was completed and is waiting on the raising of structures and the placement of leaching basins. All the hot-in-place pavement recycling was

completed and all the roads, except Norton Hills, Applewood, Nob Hill and Sarasota were capped with ultra-thin pavement.

Funding: Municipal Road Fund and Capital Improvement Funds
Estimated Start: July 2, 2018
Estimated Finished: October 2018

Lake Harbor Bridge Repairs

Limits: Lake Harbor Bridge over Mona Lake Channel
Description: Preventative maintenance and repairs to the bridge joints, deck, and piers.
Consultant: Fleis & VandenBrink, Grand Rapids, MI
Contractor: To be determined
Month's Work: Fleis & VandenBrink continues to collecting as-built information.
Funding: MDOT Local Bridge Funds with local match
Project Start: Spring 2020
Estimated Finish: Summer 2020

Speed Studies

Limits: City wide
Description: Perform speed study and establish speed limits per State Law and accepted methods.
Consultants: In house
Month's Work: Work on several speed studies was completed per the new State law and their results will be presented to Council for their review and actions as they are completed. Studies done in the month of July:

- Churchill/West Byron Road, Henry Street to Martin Road
- Davis Road, Porter Road to Hendrick Road
- Davis Road. Porter Road to Mount Garfield Road
- Hendrick Road, Lake Harbor Road to Henry Street
- West Mount Garfield Road, Lake Harbor Road to Henry Street
- Padelt Street

APWA Snow Plow Roadeo:

Month's Work: Monthly meetings for the upcoming Snowplow Roadeo continued.
Date: October 10, 2018

Major Private or Other Projects:

<u>Project:</u> Mercy Hospital Drive	<u>Address:</u> Sherman Boulevard	<u>Developer/Owner:</u> Mercy Hospital
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PLANNING

The staff processed through the City Council a Special Use Permit Amendment for Sprint for the co-location of a wireless communications antenna on W. Pontaluna Road. The request was ultimately granted by the Council.

The staff assisted the City Engineer in reviewing MDOT employment figures used in projecting future transportation improvements.

With the help of Wiseman Inc., the staff completed the LUCA (Local Update of Census Addresses) for the upcoming 2020 United States Census. This list, which will be further updated in the next two years, will provide the foundation for the distribution of census surveys.

Ordinance violations for the month dealt primarily with commercial vehicles parked in residential districts, fence and shed placement, and front yard parking on residentially zoned parcels.

Construction activity for the month remained steady as the staff approved 27 site plans for fences, sheds, signs, building additions, commercial projects, and two new single family residential structures.