

AGENDA 8a-3
DATE 7-18-2017

DEPARTMENT OF PUBLIC WORKS

CITY OF NORTON SHORES

MONTHLY REPORT

June – 2017

PUBLIC WORKS

The Public Works Department responded to 12 after hours or emergency calls and three business hours or emergency calls during the month of June; including 10 lift station alarm calls, one emergency miss dig, two residential after hour calls, one water main break call, and one tree removal call.

WATER & SEWER

Water and Sewer Crews installed seven water services and inspected four sewer connections during the month of June. A total of 56 water services have been installed and 41 sewer connections have been inspected during FY-2017. Comparatively over the same period during FY 2016 a total 66 water services were installed and 38 sewer connection inspections were performed.

Water and Sewer personnel repaired 24 curb stops and four water main valves in June. The City has currently updated about 85% of our main line valve records and we have completed the second round of our Stage II Disinfection by-product sampling. Crews also repaired one broken water main on the 900 block of Forest Park Rd. As a result of the main break, sand filled sections of the storm sewer along that stretch of Forest Park and Harbor Breeze. Crews cleaned 111 feet of the storm sewer.

The annual sewer cleaning program continued in June with the completion of 42,389 feet of sewer being cleaned. A total of 113,806 feet of sanitary sewer has been cleaned during the FY 2017.

The annual fire hydrant painting program started in June. The City has contracted D&S Industrial Painting to perform the work again this year. Each year, our hydrant maintenance program attempts to paint approximately 300-350 hydrants as Water and Sewer personnel identify each hydrant on an as needed basis.

Kennedy Industries installed new pumps, check valves and valves at our 396 Lakeshore and 2830 Lincoln lift stations. These replacements were needed due to the old pumps only performing at 50% of their capacity.

Corpro installed Cathodic Protection devices at our 3180 Henry Street and 3798 Brentwood lift stations. These devices protect the metal can that surrounds the pumps and controls from deterioration.

Water and Sewer personnel completed their annual inventory of the water and sewer parts.

STREETS & DRAINAGE

City crews responded to 263 staking requests; including seven by Water & Sewer personnel and one by Streets & Drainage personnel.

Twenty one sign work orders were completed for the repair/replacement of 20 regulatory signs and the installation of one new regulatory sign.

Major and Local Streets

Streets division employees used hot mix asphalt and patched several Water & Sewer Department service patches and worked on one water main break. Several pot holes were

addressed throughout the city, also the curb was repaired on Forest Park due to vehicle accident.

Streets Division employees continued the crack sealing operation with the completion of Hile Road from Grand Haven Road to Harvey Street, Ellis Road from Harvey Street to US 31, and Lincoln Street from Norton Avenue to Sherman Boulevard. Dura Patch operation was applied to Harvey St. from Judson St. to Wilson Ave. and Farr Rd. from Grand Haven Rd. to Martin Rd. to repair failing sections of asphalt before the chip sealing projects get under way.

Street sweeping for the month of June included all local curb radii and gutter pans for the removal of debris. Major streets were done as needed.

Several storm sewer sink holes were addressed and repaired throughout the city.

Mowing operation got underway with the mowing of all off road drainage ditches, Along with roadside mowing and deep ditches. All guard rails and sight issues were weed whipped and mowed.

Sieder off road drainage ditch washout was repaired and cleaned by streets employees for the County Drain Commissioner.

The City had several dead or diseased trees removed from the road right of way, tree trimming was completed along Lake Harbor Park Road and the library due to complaints.

Equipment

Equipment maintenance personnel completed 81 services/repairs in June.

Two 2017 Water & Sewer Division pickup trucks were equipped and put into service in June. These vehicles replaced a 2007 truck and a 2010 model truck that were up for replacement.

The standby generators at the Fire Stations, City Hall, the Public Works building and the Hendrick Road lift station were serviced.

Brake and safety inspections were performed on seven Fire Department trucks. A complete front brake job and rear exhaust was replaced on Fire Unit 719. A coolant leak on the grader was repaired at the job site.

The fuel system dispensed 6,865.9 gallons of fuel in June. Public Works Department vehicles consumed 3,213.5 gallons during the month.

Leaf Sites

The City leaf disposal sites were switched over to summer hours. The total number of vehicles that were monitored using the Wood Road leaf site in June was 1,182.

Miscellaneous

Norton Shores residents utilized the Muskegon County Solid Waste Facility with a total of 46 cars and 29 trucks monitored in June.

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

- Pressure Vacuum Breaker was tested.
- Took down half of coat rack in hallway across from large conference room to make room for new vending machine.
- Generator load test was performed.
- Irrigation system was repaired.
- Fire extinguishers were checked.
- Replaced two door closers.
- Filled in the hole by the sidewalk.
- Removed old desk from Water and Sewer Superintendent's office to make room for new desk.

Library

- Cleaned carpet after graduation party.
- Fire extinguishers were checked.
- The woods surrounding the library were cleaned.
- Borgman Tree Service cleared the northeast corner of the woods.
- Replaced one door closer.

Cemetery

- One burial was performed.
- Three cremain burials were performed.
- New garbage barrels were put out.
- Pressure Vacuum Breaker was tested
- Varney's Fab Shop sandblasted and painted the metal archway sign.

ENGINEERING

Harvey Street Reconstruction

Limits:	Ellis Road to Hile Road
Description:	Reconstruction of existing roadway along the proposed route.
Consultant:	Prein & Newhof, Grand Rapids, MI
Month's Work:	The project's preconstruction meeting is scheduled for June 7, 2017 and work by the middle of the month with placement of the traffic control and the removal of the pavement on the east half (northbound) side of the road, including the entire center left turn lane. This left the southbound lane open to thru traffic. A short sanitary sewer stub was installed and work on the storm sewer for the east side of the road was completed. Work on building the new roadway with new aggregate (gravel) base and concrete curb and gutter was started near the end of the month. In addition, new manhole structures and conduit for the traffic signal wiring at Ellis Road has been started.
Funding:	STIP with local match
Estimated Start:	July 9, 2017
Estimated Finish:	October, 2017

Henry Street Bridge Repairs

Limits: Merrill S. Bailey (Henry Street) Bridge over Mona Lake
Description: Preventative maintenance and repairs to the bridge joints, deck, and piers.
Consultant: Fleis & VandenBrink, Muskegon, MI
Contractor: To be determined through MDOT letting
Month's Work: The contract documents have been sent to the State and project placed on the August 4, 2017 MDOT bid letting.
Funding: MDOT Local Bridge Funds with local match
Estimated Start: Summer, 2017
Estimated Finish: Fall, 2017

Henry Street Sidewalk, Randall Road to Forest Park Road

Limits: Randall Road to Forest Park Road
Description: Placement of concrete sidewalk.
Consultant: City Staff
Contractor: To be determined
Month's Work: The project was let in June, with Ryan Excavating being awarded the work. A preconstruction meeting was held and the contractor walked the site with the City Engineer. Work is scheduled to start July 5, 2017.
Funding: Capital Improvement Fund
Estimated Start: July 5, 2017
Estimated Finish: August 31, 2017

HIP/HMA Overlay Project 2017 (FY18)

Limits: Selected Streets
Description: Hot-in-Place recycling of existing asphalt pavements with the placement of HMA overlay.
Consultant: City Staff/Westshore Consulting
Contractor: Gallagher Asphalt, Thornton, IL
Month's Work: A preconstruction meeting is scheduled for June 13, 2017. Work is scheduled for either July or August.
Funding: MRF and Capital Improvement Funds
Estimated Start: June 19, 2017
Estimated Finish: September 30, 2017

HMA Milling and Pavement Project 2017 (FY18)

Limits: Selected Streets
Description: Milling, aggregate base repair and HMA pavement placement of existing asphalt pavements.
Consultant: City Staff/Westshore Consulting
Contractor: Michigan Paving & Materials, Grand Rapids, MI
Month's Work: A preconstruction meeting is scheduled for June 13, 2017. Work on milling and resurfacing of Grand Haven Road, Hile Road, Padelt Street and Lawnell Avenue were started, with Hile and Padelt receiving their top pavement course.
Funding: MRF and Capital Improvement Funds

Estimated Start: June 19, 2017
Estimated Finish: September 30, 2017

HMA Milling and Pavement & HIP Inspection for 2017 (FY18)

Limits: Selected Streets
Description: Engineering inspection of the City's HIP/HMA Overlay and Pavement Milling, aggregate base repair and HMA pavement placement projects.
Consultant: Westshore Consulting, Muskegon, MI
Month's Work: A preconstruction meeting for this project is scheduled for June 13, 2017.
Funding: MRF and Capital Improvement Funds
Estimated Start: June 19, 2017
Estimated Finish: September 30, 2017

Porter Road Culvert and Water Main Repairs

Limits: Porter Road, just east of Henry Street
Description: Reconstruction of water main and repair to existing culvert.
Consultant: Prein & Newhof, Grand Rapids, MI
Month's Work: A Preconstruction Meeting is scheduled for June 2, 2017.
Funding: Water Fund
Estimated Start: July 5, 2017
Estimated Finish: July 31, 2017

Porter/Martin/Sternberg Intersection Improvements

Limits: Intersections of Porter & Martin Roads and Martin & Sternberg Roads
Description: Improve intersections so as to allow freer flow of traffic along the Porter – Martin – Sternberg corridor.
Consultant: C2AE, Grand Rapids, MI
Contractor: Reeth Riley, Grand Rapids, MI
Month's Work: This project has been awarded by MDOT and a preconstruction meeting held.
Funding: MDOT CMAQ Grant and local matching funds
Estimated Start: July 10, 2017
Estimated Finish: July 31, 2017

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 has started per the new State law and their results will be presented to Council for their review and actions as they are completed.

Storm & Sanitary SAW Grants

Limits: City wide
Description: Perform and establish asset management plans and practices for City storm and sanitary sewers.
Consultants: In house and Prein & Newhof, Grand Rapids, MI
Month's Work: The last of the reports were reviewed by City Staff and the final reimbursement request was sent to the State for payment.

Major Private or Other Projects:

<u>Project</u>	<u>Address</u>	<u>Developer/Owner</u>
Comerica Site Redevelopment	801 West Norton	GDK Construction
Tysman Mini Storage	1249 East Pontaluna	Tysman

PLANNING

The staff presented to the Planning Commission a site plan request from Evan Dufendach for the development of up to 48 condominium warehouses on Grand Haven Road. The Commission ultimately approved the proposal.

The staff granted administrative site plan approval to Bay Logistics for the construction of a 50,000 square foot expansion to their facility in the Grooters development on E. Pontaluna Road. A site plan showing this identical future addition had been approved by the Planning Commission in 2002.

Ordinance violations for the month dealt primarily with chickens, fencing issues and commercial vehicles parked on residentially zoned parcels.

Construction activity remained steady for the month as the staff approved 36 site plans for fences, sheds, signs, building additions, and commercial projects including three new single family homes.