AGENDA 8a-3
DATE 9-19-2017

DEPARTMENT OF PUBLIC WORKS

CITY OF NORTON SHORES

MONTHLY REPORT

August – 2017

PUBLIC WORKS

The Public Works Department responded to nine after hours or emergency calls and five business hours or emergency calls during the month of August; including nine lift station alarm calls, one emergency Miss Dig call, one residential after hour call, one leaf site call, and two Street department calls.

WATER & SEWER

Water and Sewer crews installed four water services and inspected nine sewer connections during the month of August. A total of six water services have been installed and two sewer connections have been inspected during FY-2018. Comparatively over the same period during FY-2017 a total ten water services were installed and nine sewer connection inspections were performed.

Water and Sewer personnel repaired ten curb stops and one fire hydrant in August. Crews are approximately 98% complete with the main line water valve record updates. Personnel have tested ten large meters (12 year-to-date) for the month of August.

Water and Sewer personnel took our DEQ required Stage II DBPR (Disinfectant Bi-Product) samples and collected our Lead and Copper samples for submission to the Prein & Newhof lab for testing. City personnel removed and plugged a ¾" meter pit service at 5903 Grand Haven Road.

The annual sewer cleaning program continued in August with the completion of 46,978 feet of sewer being cleaning. A total of 76,856 feet of sanitary sewer has been cleaned during the fiscal year 2018. Water and Sewer crews rebuilt the wet wells and installed 2 new Flygt pumps each at both the 1130 Edinborough and the 874 Bradley lift stations. Crews installed a new concrete slab for the new stainless steel lift station cabinet that was installed at 1130 Edinborough and a new cabinet was also installed at 6260 Lake Harbor Road. Personnel installed a rebuilt pump at the 3180 Henry St. lift station

The annual fire hydrant painting program continued in August. The City contracted with D&S Industrial Painting to perform the work. 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. A total of 200 hydrants have been completed and inspected so far this calendar year. The last 107 hydrants are wrapping up and will be ready for inspection soon.

STREETS & DRAINAGE

City crews responded to 181 staking requests; including six by Water & Sewer personnel and one by Streets & Drainage personnel.

Nineteen sign work orders were completed for the repair of six regulatory signs, the installation of three new regulatory signs, and the repair/replacement of six street signs and the installation of four delineators.

<u>Major and Local Streets</u>

Streets Division employees removed and replaced broken curbs throughout the city. After the purchase of 56 tons of H1 Limestone, the dura patch operation continued with the completion of several locations throughout the city. Crews also removed and installed a new

storm sewer ring and cover on Henry Street, while addressing a sink hole. Hot mix asphalt was used to fill water service patches and the crews attempted to repair the Forest Park culvert, but it was deteriorated beyond their ability to repair.

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

Gravel roads where checked and graded as needed.

With the assistance of the Streets Division employees, the park on East Broadway was cleaned of leaves and yard debris, and was hauled to the leaf site.

Streets Division employees swept clean, and the Muskegon County Road Commission double chip sealed, and fog sealed; Harvey Street to Judson Road to Wilson Road, Farr Road from Grand Haven Road to Martin Road, and Bailey Street from Summit Avenue to Cleveland Avenue.

The Padelt/York drain project began with the removal of brush, and tree overgrowth, which helped to prepare for the installation of pipe from Norton Avenue to Seminole Avenue.

DPW garage maintenance, equipment clean-up, and yard clean-up was completed as necessary and time permitted. Road side debris was picked up and disposed of as needed.

Equipment

Equipment maintenance personnel completed 86 services/repairs in August.

The fuel system dispensed 6,726.8 gallons of fuel in August. Public Works Department vehicles consumed 2961.9 gallons during the month.

Leaf Sites

The total number of vehicles that were monitored using the Wood Road leaf site in August was 1,116.

Miscellaneous

Norton Shores residents utilized the Muskegon County Solid Waste Facility with a total of 42 cars and 27 trucks monitored in August.

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

- Fire extinguishers were checked.
- Took down marker board in P.D. point office to make room for new desk.
- Put up two new file systems for Building Dept.
- Sealed gutter for north outside door to P.D. garage.
- Put glass marker board up for P.D. point office.
- Put up new TV in P.D. training room.
- Put glass marker board up in P.D detective's office.
- Replaced bad zone valve (#10) for irrigation system by new P.D. building.

- Repaired leaking water line in Maintenance Shop.
- Windemuller set meter to size new generator.

Library

- Fire extinguishers were checked.
- Checked and cleaned roof drains.

Cemetery

- Two burials were performed.
- Three cremain burials were performed.
- Had meeting regarding road re-surfacing.

Old DPW Garage

- Repaired electric gate.

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
Contractor:	Brenner Excavating, Hopkins, MI
Month's Work:	The Contractor paved the HMA top course and completed sidewalk and restoration work. Project walk thru was held on August 11 with a punch list generated and roadway opened to traffic. Final traffic signal work was completed.
Funding:	STIP with local match
Project Start:	July 9, 2017
Estimated Finish:	August 11, 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:	Anlaan, Grand Haven, MI
Month's Work:	The contract was let by the State on August 4, 2017 MDOT with Anlaan being awarded the work. Lane closures of the west side of the bridge and joint repairs began in late August.
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:	Ryan Excavating, Lowell. MI
Month's Work:	Work completed on the placement of the sidewalk, ADA ramps and concrete block retaining walls. Final work completed just as Henry Street Bridge work was to begin.
Funding:	Capital Improvement Fund
Estimated Start:	July 5, 2017
Project Complete:	August 21, 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:	Milling limits completed and HIP work done in August. MPM to complete overlay in September.
Funding:	MRF and Capital Improvement Funds
Project Start:	August 11, 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:	All paving operations for the streets completed and punch list compiled and provided to the Contractor to address.
Funding:	MRF and Capital Improvement Funds
Project Start:	June 19, 2017
Project Finished:	August 4, 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:	Contractor placed final pavement markings placed and signs.
Funding:	MDOT CMAQ Grant and local matching funds
Start Date:	July 10, 2017
Completion Date:	August 3, 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 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 August are: • Porter Road, Henry to Lake Harbor • Henry Street, Porter to Pontaluna • Harvey Street, Hile to Judson

Forest Park Culvert Repair

Limits:	Forest Park east of Stryker Drive
Description:	Replacement of failed 36-inch CMP roadway culvert.
Consultant:	Prein & Newhof, Grand Rapids, MI
Contractor:	McCormick Sand, Twin Lake, MI
Month's Work:	The City with the assistance of the Consultant obtained the MDEQ Joint Permit and Muskegon SESC permit for the emergency repairs to the failed culvert. The Contractor was retained and work began on the replacement of the CMP culvert with a RCP culvert.
Funding:	Major Streets
Project Start:	August 21, 2017
Estimated Finish:	September, 2017

PLANNING

The staff presented to the Planning Commission a site plan request from Bay Logistics for a 20,000 square foot expansion to their industrial facility in the Grooters business park on E. Pontaluna Road. The Commission ultimately approved the proposal. The staff also presented to the Commission a site plan request from Babbitt's Sports Center for a 17,000 square foot warehouse expansion of their Airline Road facility. The Commission granted approval of this request as well.

The staff presented to the Zoning Board of Appeals a nonconforming use variance request from Robert Playter for his property on E. Pontaluna Road and the Board ultimately granted the variance.

The staff completed the historical preservation review portion of the grant application for the planned kayak launch at Black Lake Park.

Ordinance violations for the month dealt primarily with recreational vehicles parked in the City's right-of-way, and residents living in campers on residentially zoned parcels.

Construction activity remained steady for the month as the staff approved 39 site plans for fences, sheds, signs, building additions, and commercial projects including 4 new single family homes.