

AGENDA 6a3
DATE 6.16.2020

DEPARTMENT OF PUBLIC WORKS

CITY OF NORTON SHORES

MONTHLY REPORT

May – 2020

PUBLIC WORKS

The Public Works Department responded to eight after-hours emergency calls and six business hours emergency calls during the month of May; including 10 lift station alarm calls, two Water & Sewer calls, one Streets call and one Miss Dig call.

WATER & SEWER

Due to Covid-19 restrictions the work force was cut in half until May 18th when the division was brought back to full staff.

Water and Sewer crews installed four water services (33 year-to-date) and inspected one sewer connection (64 year-to-date) during the month of May. Comparatively, a total of five water services (26 year-to-date) had been installed and four sewer connections (42 year-to-date) had been inspected during FY-2019.

Water and Sewer personnel repaired two curb stops (86 year-to-date), and performed two commercial cross connection inspections (520 year-to-date) during FY-2020. Personnel collected and submitted the DEQ/EGLE mandated Stage II Disinfectant Bi-Product samples (DBPR). Crews have cleaned 28 of the 44 City lift stations. Crews located and repaired a broken sanitary lateral at 771 W. Sherman Blvd. Personnel repaired a 6-inch water main break at 1512 Yarmouth Ave (11 year-to-date).

Water & Sewer personnel have been working closely with West Michigan Dirt Works on our Reneer/Griesbach/Arbor water main replacement and looping. All sampling has been approved and tie-ins are scheduled for the week of June 8th.

Water and Sewer personnel have processed 2,995 billings (monthly, final, past-due) for the month of May. Crews completed 159 work orders (ranging from final reads to high water usage).

STREETS & DRAINAGE

City crews responded to 237 staking requests.

Seven sign work orders were completed for the repair/replacement of five regulatory signs and two street name signs.

Major and Local Streets

Due to Covid-19 restrictions the work force was cut in half until May 18th when the division was brought back to full staff.

The month of May was filled with two rain fall events that brought significant amounts of rain to our area, which caused several problems throughout the City. Crews worked diligently to clear brush and debris from drains, ditches and culverts to help alleviate the high water. With the use of the Water & Sewer Division's vacator truck, the Henry Street storm drain district was cleaned. The storm water separator located on Getty Street was also cleaned. Several sink holes were repaired throughout the City. The road side mowing program was started along with cutting brush back from the side of the road and road side ditches. The first round of street sweeping was completed, as well as for the City of Roosevelt Park. The leaf sites were pushed up as needed.

Pot hole patching was done as needed. Black Lake Road was repaired where the North bound lane and bike lane sunk due to heavy rains and saturated ground. Gravel roads were graded and

repaired as needed. The first application of dust control chloride was applied to all gravel roads. The brush pile at the cemetery was hauled to the Wood Road leaf site. Roadside tree planting was completed with the extra trees being planted at Ross Park. Several complaints were addressed throughout the City. Trash, debris and dead animals were removed from the road sides as needed. Equipment/garage cleanup was done as time allowed.

Equipment

Equipment maintenance personnel completed 85 services/repairs in May. The fuel system dispensed 5,873 gallons of fuel in May. Public Works Department vehicles consumed 2,415.5 gallons during the month.

Miscellaneous

Norton Shores residents utilized the Muskegon County Solid Waste Facility with a total of 68 cars and 95 trucks monitored in May.

Leaf Sites

The total number of vehicles that were monitored using the Wood Road leaf site in May was 2,226.

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

- Extra cleaning of all door's and surfaces
- Installed mirrors in Police Dept. bathrooms

Library

- Check roof drains

Cemetery

- Graves Sold: 1
- Full body burial: 4
- Cremain burial: 1

OLD DPW

- Work on gate

ENGINEERING

Broadway Avenue Reconstruction (Phase 2):

Limits: Getty Street to Bailey
Description: Reconstruction of existing roadway and water main along the proposed route.
Consultant: Prein & Newhof, Grand Rapids, Michigan
Contractor: Brenner Excavating, Hopkins, Michigan

Month's Work: The contractor returned to the project to mill and replace the mainline pavement along with adjustments to castings that needed addressing. Pavement markings were placed. Staff and the consultant worked on completing the paperwork for this project.

Funding: STIP Grants with local matches along with Water and WMRWA Funds

Project Start: July 8, 2019

Project Finish: October 15, 2019 (pavement repair work to be completed in May)

2019 Sidewalk Project:

Limits: Pontaluna Road (Railroad Crossing)
 Mount Garfield Road (Grand Haven Road to US -31)
 Mount Garfield Road (Harvey Street to Fairfield Inn)
 Grand Haven Road (Pontaluna Road to Gateway Blvd.)
 Gateway Blvd.
 Norton Center Drive
 North Gateway Drive

Description: Construction of new sidewalk along the proposed routes.

Consultant: ENG, Inc. of Grand Haven, Michigan

Contractor: Anlaan Corporation, Grand Haven, Michigan

Month's Work: City staff and ENG completed the compiling of the final punch list for this project. The contractor has the final list to complete.

Funding: TIFA & Street Funds

Project Start: August 12, 2019

Project Finish: November 22, 2019 (except final restoration work)

HIP/HMA Overlay Project 2020 (FY21):

Limits: Various locations throughout the City.

Description: Surface Replacement and/or Rehabilitation of existing street surfaces at various locations throughout the City.

Consultant: City Staff

Contractor: To be determined

Month's Work: City staff completed the bid packages and obtained City Council's approval to let the project. The project let date is June 4, 2020.

Funding: Municipal Road Funds

Estimated Start: Summer 2020

Estimated Finish: Fall 2020

2020 Water Main Project:

Limits: Various locations throughout the City.

Description: Replacement of existing or placement of new water mains to improve the service and function of the system.

Part 1: The replacement and looping of existing 6-inch water main with new 8-inch ductile iron main in the existing Greisbach, Reneer & Arbor residential neighborhood, and the replacement (up-sizing) of the existing water main in Miller Street.

Part 2: The placement of a new 8-inch water main loop from the Mona Shores Middle School to Bonneville Drive, the placement of a new 12-inch water main loop between Pontaluna Road and Norton Pines Drive, and the replacement of existing cast iron water main with new 12-inch and 8-inch at Sheffield, Cleveland, and Fairfield Streets.

Consultant: Fleis & VandenBrink, Muskegon, Michigan

Part 1 Contractor: West Michigan Dirt Works, LLC

Part 2 Contractor: To be determined
 Month's Work: Part 1 of this project was awarded and the pre-construction meeting held on May 5th. Staff worked with the contractor to secure the contract documents and bonds. Work started in the Arbor, Reneer, and Greibach neighborhood with the replacement of the existing force main and the installation of the water main on the Renner-Arbor Loop.
 As for Part 2, City staff continued to work with Fleis & VandenBrink on the project design and plans. Legal descriptions were created for proposed easements.
 Funding: Water Funds
 Estimated Start: Part 1, May 11, 2020
 Part 2, Spring 2021
 Estimated Finish: Part 1, Late August 2020
 Part 2, Late Summer 2021

2020 Civil Bundle Project:

Limits: Various locations throughout the City.
 Description: The work is a collection of various tasks that are being bundled into one project. The work includes storm sewer repairs on existing storm sewers located on Nina Lane, Wellesley Drive, Pontaluna Road and Grand Haven Road; repair of the storm sewer outfall on Grand Haven Road at Seaway Drive (US-31BR); cured in place pipe lining (CIPP) on existing storm sewers located on Reneer Avenue, Summit Avenue, Estes Street, Seminole Road, Broadway Avenue, and Manitou Blvd; sidewalk construction along Henry Street from the existing sidewalk on Porter Road to Cedarwoods Trail and along Grand Haven Road from the existing sidewalk at Airport Road to Hidden Cove; CIPP of existing 1,400-feet of 24-inch concrete sanitary sewer interceptor at Hoyt Street and Seaway Drive and sanitary sewer service wye rehabilitation at 30 locations throughout the city.
 Consultant: Prein & Newhof, Norton Shores, MI
 Contractor: To be determined
 Month's Work: City staff continued its work with the consultant in gathering as-builts plan, lift station data, and field survey work for this project.
 Funding: Multiple Funds
 Estimated Start: Summer 2020
 Estimated Finish: Fall 2020

Airline Bridge Rehabilitation:

Limits: Airline Road Bridge over Little Black Creek between Shettler Road and Getty Street.
 Description: Preventative maintenance and repairs to the bridge joints, deck, and piers.
 Consultant: Fleis & VandenBrink, Grand Rapids, Michigan
 Contractor: To be determined
 Month's Work: City staff continued to work with the engineer and MDOT on this project.
 Funding: MDOT Local Bridge Funds with a local match
 Estimated Start: Spring 2021*
 Estimated Finish: Summer 2021*

* Please note that with the current highwater situation in Lake Michigan affecting water levels on Mona Lake and Little Black Creek at bridge location, this project may need to be postponed to allow water levels to drop to perform the necessary work on the underside of the bridge deck and beams.

Bridge and Street Asset Management Plan:

Limits: City Wide
Description: Asset management plan for both city bridges and roadways per state requirements.
Consultant: City Staff
Month's Work: City staff worked with TAMC on a new format for AM Plans to be submitted in 2020.
Funding: Street Funds
Project Start: June 1, 2019
Estimated Finish: March 2020

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: Milbocker & Sons, Allegan, MI
Month's Work: Work continued on the bridge with the repairs on the pier caps and joints being completed and repairs to the southern catch basins completed. Placement of the deck membrane, pavement, and guard rail is done. The painting of the piers will be done after the 28-day cure wait time is completed. The pedestrian railing work below the bridge is to be done once the back-order materials are made available.
Funding: MDOT Local Bridge Funds with a local match
Project Start: March 23, 2020
Estimated Finish: Open to Traffic May 7, 2020. Completion late June 2020

Lake Harbor Park Channel Wall Repairs:

Limits: Lake Harbor Park seawall along Mona Lake Channel near Lake Michigan
Description: Repair/maintenance of a section of failing seawall.
Consultant: City Staff
Contractor: T. R. Ghezzi, LLC
Month's Work: Final restoration completed.
Funding: Capital Improvement
Project Start: November 21, 2019
Estimated Finish: May 2020

Seminole Road Reconstruction, Phase 1 and Phase 2:

Limits: Henry Street to Seaway Drive
Description: Road Reconstruction, water main replacement, streetscape.
Consultant: ENG, Inc of Grand Haven, MI
Contractor: To be determined
Month's Work: ENG continued to collect site data for the environmental, traffic, NEPA, and SHPO studies and adjust the design per findings. City staff was involved in the submission of the required permits and studies for the project. A discussion with utility companies was also conducted.
Funding: STIP Funds with local match and Regional Water Funds.
Estimated Start, Phase 1: Spring 2021
Estimated Finish, Phase 1: Summer 2021
Estimated Start, Phase 2: Spring 2022
Estimated Finish, Phase 2: Summer 2022

Sheffield Pump Station & Henry Street Sewer Study:

Limits: Sheffield Pump Station
Description: Replacement of existing pump station at Sheffield and feasibility study and possible removal of Henry Street Pump Stations and related sewer main work.
Consultant: Phase 1: Prein & Newhof, Muskegon, MI
Phase 2: Fleis & VandenBrink, Muskegon MI
Contractor: To be determined
Month's Work: A second RFP was sought from the same four firms on April 24th based on the findings of the study. The contract was awarded by the City Council in May. This work will be coordinated with the 2020 Water Project, Part 2 to help with cost savings.
Funding: Sewer Funds.
Estimated Start: Spring 2021
Estimated Finish: Summer 2021

Major Private or Other Projects:

<u>Project:</u>	<u>Address:</u>	<u>Developer/Owner:</u>
Beach Street Shoreline Erosion	Beach Street	WMRWA/City of Muskegon
Atwater Springs Dev.	Harvey Street	David C. Bos/Livingstone Dev.
Mona Shores Public Schools	Various Locations	Mona Shores Public Schools

PLANNING

During the month of May 2020, the Planning Commission and the Zoning Board of Appeals did not meet due to lack of business. The variance application that was scheduled for the May ZBA meeting was withdrawn. There is a Planning Commission meeting scheduled for June 9, 2020 and there will not be a June ZBA meeting. The Planning Commission meeting will be held remotely.

Zoning Ordinance violations for May 2020 dealt primarily with parking.

Construction activity for May 2020 saw staff approving 18 site plans for fences and sheds along with an additional 24 site plans for other residential and commercial construction including decks, additions, pools, etc. Between the zoning and building permits there were 42 reviewed and approved site plans in the City Planning Office.