

## **WEEKLY DEPARTMENTAL REPORT – PUBLIC WORKS**

**COMMITTEE:** Village Manager/Board, Finance/Public Works, Traffic/Public Safety, Beautification

**PREPARED BY:** Matthew S. Maederer, PE, Director of Public Works/Village Engineer

**REPORT DATE:** March 13<sup>th</sup>, 2019

**GENERAL:** On Wednesday, March 6<sup>th</sup> the Director attended the Finance & Public Works Committee where the 2019 Water Main Relay project was awarded to MJ Construction. This year's project will replace the existing 6-inch DI pipe with new 8-inch PVC pipe. New hydrants will be installed, and the existing copper water services will be reconnected to the new main. The work is expected to begin mid-April and finish before Memorial Day. The project limits are W. Churchill Lane from N. 51<sup>st</sup> Street to N. 46<sup>th</sup> Street and N. 53<sup>rd</sup> Street from W. Goodrich Lane to N. 53<sup>rd</sup> Street cul-de-sac. After the meeting the Director conducted a tour of the new DPW facility for the committee members.

On Thursday, March 7<sup>th</sup> the Director attended the Traffic & Public Safety Committee meeting. A stop sign request was denied on W. Willow Road and W. Tower Avenue at N. 47<sup>th</sup> Street due to lack of traffic. Currently the intersection is yield controlled. An update was also given on the bike path along N. 60<sup>th</sup> Street adjacent to the School through the traffic "bump-outs" and the "no parking" on W. Schroeder Drive adjacent to the YMCA. After the meeting the Director conducted a tour of the new DPW facility for the committee members.

On Tuesday, March 12<sup>th</sup> the Director and Administrative Assistant attended the Beautification Committee meeting. Arbor Day was established for Saturday, May 11<sup>th</sup> at the new DPW facility location from 9am to 10am. This year's tree will be a Winter King Hawthorne. Additionally, the committee established the meeting dates for the upcoming year, discussed a new planter bed at the new DPW facility monument signage, and the 2018 Natural Landscapes report was presented. After the meeting the Director conducted a tour of the new DPW facility for the committee members.

On Friday, March 1<sup>st</sup> the Director and Community Development Director had a conference call with engineers from SEWRPC and MMSD to discuss the floodplain along Beaver Creek and the alternatives for removing structures from the floodplain. An opportunity arose at the former Glendale Clinic site where assistance and funding may be available from MMSD for purchase and conversion to a stormwater management facility which could be dual use to help the Village meet WDNR TMDL requirements and the State meet stormwater goals for the N. Green Bay Road/STH 57 reconstruction project.

On Tuesday, February 26<sup>th</sup> the Director met with engineers from Signicast to discuss the possibility of adding non-contact cooling water to the Village's sanitary sewer system which may help dilute the waste stream from the casting operation. MMSD has conditionally granted permission assuming the Village is OK. We are going to perform some additional monitoring and allow the additional water for a 3-month, 6-month, and 1-year trial period before granting final approval.

On Friday, February 22<sup>nd</sup> the Director attended a meeting with WisDOT engineers and engineers from consulting firms' Lakeside and Kapur to discuss stormwater management options as part of the N. Green Bay Road/STH 57 reconstruction which is scheduled for construction in the year 2022 or 2023. Stormwater management is necessary for both water quality and quantity mitigation per WDNR rules.

### **New DPW Facility Project**

Current & Upcoming work includes, but is not limited to:

- Parking window curtain wall frames, shop area lighting and low voltage wiring, gas piping, air lines and reels, storage bin roofing, radiant heat venting, overhead door installation, office sheetrock and taping, painting in the wash bay, ceiling, and parking area walls.

### **Beaver Creek Restoration Segment 3 and Bike Path Reconstruction Project**

C.W. Purpero was the low-bidder for the work with a total bid of \$773,412 (creek work = \$674,590 and bike path work = \$98,822). The project includes naturalization of Beaver Creek between Village Park and N. Green Bay Road/STH 57. Naturalization includes concrete channel removal, side slope stabilization, natural plantings, creek meanders, and habitat rest areas (i.e. fish riffles). The bike path along the south side of the creek will be reconstructed with an 8-ft wide asphalt path including rest areas.

The work has temporarily shut-down and will resume once spring arrives (mid-March or early April).

Current work includes:

- concrete removal, riprap and river stone placement, bank grading, native seeding, erosion matting – the crew is approx. ¾ complete and progressing upstream towards the Oak Leaf Trail and Village Park.

*The stream naturalization work is expected to be complete by the end of March (delayed).*

The bike path paving portion of the project has now been delayed until spring after approval from the Milwaukee County CDBG administrators.

### **Ditch Rehab & Culvert Replacement Program**

The DPW crew will complete the final ditch restoration on W. Terry Avenue (from N. 54<sup>th</sup> Street to N. 52<sup>nd</sup> Street) and N. 52<sup>nd</sup> Street (from N. 52<sup>nd</sup> Street to W. Wabash Avenue) in the spring of 2019.

### **Roadway Re-Paving Program**

The DPW crews finished shouldering the roadway re-paving program areas and will complete final ditch fore-slope restoration in the spring of 2019 on the following streets:

- W. Cloverleaf Lane (N. 67<sup>th</sup> Street to N. 60<sup>th</sup> Street)

- W. Calumet Road (N. 51<sup>st</sup> Street to N. 43<sup>rd</sup> Street)
- W. Terry Avenue (N. 54<sup>th</sup> Street to W. Wabash Avenue)

**WINTER OPERATIONS:** A total of 250-tons of salt was delivered to the DPW salt dome from the depot week ending March 1<sup>st</sup>.

**SANITARY SEWER** The sanitary Sewer Technician is working on the priority pipe rehab list for cured in-place pipe (CIPP) lining this summer and manhole rehab work.

The Director and Sanitary Sewer Technician continue working on closing out the Private Property Inflow/Infiltration project. Staff is working with the consultant and contractor on the punch-list item resolutions and schedule before submitting the final reimbursement request to MMSD.

**STORMWATER: REMINDER:** The Engineering Technician is working on updating the Village's GIS stormwater utility network using old as-built drawings from the archives. The system information related to pipe sizes, materials, elevations, etc. is entered into the GIS application.

The Engineering Technician will be working on driveway culvert assessments as part of the 2019 ditch rehabilitation program. This year's project will be on N. 53<sup>rd</sup> Street from Goodrich Lane north to the cul-de-sac. The Engineering Technician will be working on field measurements and photo documenting the culvert conditions as part of the planning process. A Public Information Meeting (PIM) will be held in the spring and impacted residents will receive correspondence related to the project in the near future...stay tuned!

**BEAUTIFICATION/FORESTRY:** The crews are working on tree trimming operations throughout the Village and Ash tree removals when not completing winter operations. A total of 50-ash trees are scheduled for removal this year due to EAB. The crew is currently working on ash tree removal on N. 51<sup>st</sup> Street from W. Brown Deer Road to W. Green Brook Drive and on W. Green Brook Drive from N. 51<sup>st</sup> Street to Village Hall.

**STREETS & TRAFFIC:** The Engineering Technician and Director are working on the 2019 street re-paving program. The streets included are as follows:

- W. Churchill Lane (from N. 51<sup>st</sup> Street to N. 46<sup>th</sup> Street)
- N. 53<sup>rd</sup> Street (from W. Goodrich Lane to W. Willow Lane)
- N. Arbon Drive (from W. Brown Deer Road to W. Green Brook Drive)
- W. Pierner Place (from N. 67<sup>th</sup> Street to N. Bethanne Drive)
- N. Bethanne Drive (from W. Silver Brook Lane to W. Carolann Drive)
- W. Silver Brook Lane (from N. Maura Lane to N. 60<sup>th</sup> Street)
- N. Maura Lane (from W. Silver Brook Lane to N. Goldendale Drive)

- N. Goldendale Drive (from W. Silver Brook Lane to N. Maura Lane)
- W. Plaza Circle (from N. Maura Lane to W. Silver Brook Lane)

Pot hole filling occurred throughout the Village the week of March 11th with special focus on Silver Brook Lane west of N. 60th Street, W. Bradley Road east of the new roundabout, and N. Carlotta Lane north of Glenbrook.

**REFUSE AND RECYCLING:** Excess mulch is being hauled from the Recycling Center and DPW yard over to the out lot on N. 55<sup>th</sup> Street.

The Recycling Center is on winter hours for the month March. The recycling center is open on **Saturdays only from 10am to 5pm**. For further information regarding the recycling center please call the DPW office at 414.357.0120.

**PARKS & RECREATION:** No Update.