



WEEKLY DEPARTMENTAL REPORT

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 6th, 2019

GENERAL: On Friday, March 1st 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 26th 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 22nd 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. 54th Street to N. 52nd Street) and N. 52nd Street (from N. 52nd 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. 67th Street to N. 60th Street)
- W. Calumet Road (N. 51st Street to N. 43rd Street)
- W. Terry Avenue (N. 54th 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 1st.

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: 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. 53rd 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!

REMINDER: All culvert replacements and driveway approach paving work requires a permit. Culvert replacements are completed in-house by DPW crews ahead of the residential driveway approach paving. Please contact the DPW office for more information.

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. 51st Street from W. Brown Deer Road to W. Green Brook Drive and on W. Green Brook Drive from N. 51st 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. 51st Street to N. 46th Street)

- N. 53rd 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. 67th 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. 60th 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 is occurring when not completing winter operations.

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