



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: February 16th, 2017

GENERAL: The Director and Engineering Technician attended a seminar on February 15th at the consulting engineer Ruckert-Mielke's Milwaukee office related to the new WDNR stormwater regulations for Total Maximum Daily Loads (TMDLs). The Village along with the other North Shore communities holds a group stormwater permit which will expire at the end of June in 2018. The planning process has started to update our stormwater management plan and comply with the new rules/regulations. Lots of new information and training will be upcoming throughout 2017 as the Village prepares for the TMDL approach to dealing with stormwater management.

The Director attended the Technical Advisory Team (TAT) meeting at MMSD on Thursday, February 16th. Agenda items included Green Infrastructure (GI) funding, Private Property Inflow/Infiltration (PPI/I) program updates, and research from the USGS/SEWRPC related to chlorides and stormwater runoff along with chloride alternatives during winter operations.

CONSTRUCTION 2017 PROJECTS:

The Director and Engineering Technician continue working on project planning, plans production, and bid document preparation for the 2017 construction season. The 2017 construction projects are as follows:

- W. Donges Lane (from N. 67th Street to N. 60th Street)
 - Roadway Re-Paving/Culvert Replacement/Ditch Rehab
- W. Darnel Avenue (from N. Grandview Drive to N. 60th Street)
 - Roadway Re-Paving/Culvert Replacement/Ditch Rehab
- N. 51st Street (from W. Dean Road to W. Wahner Avenue)
 - Water Main Replacement & Roadway Re-Paving
- W. Bradley Road (from N. 76th Street to N. 66th Street)
 - Roadway Re-Paving
 - *in conjunction with the City of Milwaukee*

The above projects are subject to change as design work progresses over the winter months. A final project list with plans and schedules will be posted to the DPW homepage in April.

Utility Project – Midwest Fiber Networks

CableCOM (contractor) is finishing a project this month to bring upgraded fiber optic facilities to FIS. The project runs from N. 76th Street & W. Bradley Road (in Milwaukee) to N. 60th Street in the Village, up to W. Wahner Avenue, crossing W. Brown Deer Road/STH 100, traversing N. 55th Street & N. 51st Street with termination at the FIS building. The facility will be installed via directional drilling trenchless technology which will minimize restoration efforts in the spring. **Project plans are available on the DPW home page at <http://www.browndeerwi.org/departments/public-work/>.** Current work is occurring along N. 51st Street and W. Green Brook Drive. Restoration will occur during the spring months (April/May).

WINTER OPERATIONS: During the mild weather the laborer-drivers/mechanic completed general truck maintenance and cleaning.

SANITARY SEWER: February is the month for the Village's turn with the sewer TV truck. The truck is shared with Mequon and Shorewood and rotated monthly between each community. The Sewer Technician is currently televising sewer lines within the 2017 roadway project areas along with occasional monitoring of the sewer lines downstream from the Signicast plant to ensure their revised pre-treatment method is functioning as planned and solids build-up isn't occurring.

The Sewer Technician is cross training the Stormwater Technician on the Jet-Truck operations as a back-up.

The Sanitary Sewer Technician continues working on year-end reporting of sewer inspections (i.e. TV reports and cleaning reports) for reporting to the WDNR & MMSD. The sewer technician is also reviewing pipe video and condition ratings.

STORMWATER: The Street Sweeper was sent to Peterbilt for routine maintenance.

The Stormwater Technician continues working on year-end reporting of stormwater cleaning and maintenance activities for the annual report to the WDNR & MMSD.

The Director & Engineering Technician finished evaluating ditches/culvert pipes in conjunction with roads scheduled for re-paving in 2017. **The 2017 ditch rehab areas are W. Donges Lane (from N. 67th Street to N. 60th Street) and W. Darnel Avenue (from W. Grandview Road to N. 60th Street).**

BEAUTIFICATION/FORESTRY: The Director and Administrative Assistant attended the Beautification Committee meeting on Tuesday, February 14th. Agenda items included the 2017 Garden Tour, Arbor Day, and the 2017 Landscaping Awards.

Crews continue tree trimming throughout the Village as time permits and when not completing winter operations. Currently crews are trimming trees along W. Silver Brook Lane, N. Maura Lane, and N. Goldendale Drive. Ash trees within this neighborhood will also be removed after trimming is completed.

DPW crews have marked ash trees infected with Emerald Ash Borer (EAB) with pink ribbon along with other dead/damaged trees throughout the Village. All marked trees are scheduled for removal. Removals generally occur during the winter months. All trees removed will be replanted with a species other than ash.

STREETS & TRAFFIC: Crews filled pot-holes on W. County Line Road immediately west of N. Green Bay Road and on W. Silver Brook Lane between N. Bethanne Drive and N. 60th Street.

The Director and Engineering Technician finished evaluating roads for the 2017 re-paving program. **The 2017 street paving areas are W. Donges Lane (from N. 67th Street to N. 60th Street) and W. Darnel Avenue (from W. Grandview Road to N. 60th Street).**

REFUSE AND RECYCLING: DPW crews continue collecting litter/debris along the medians and terraces throughout the Village as time permits.

Walmart was notified of litter debris along Beaver Creek adjacent to the store. The Manager coordinated with a maintenance crew for clean-up work.

The Recycling Center remains on winter hours during the months of February and March. The Recycling Center is open on **Saturdays from 10am to 5pm**. For further information regarding the recycling center please call the DPW office at 414.357.0120.

PARKS & RECREATION: No Update.