



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: April 20th, 2017

GENERAL: DPW will hold an electronic and appliance recycling event from **10am to 12pm** in the DPW parking lot located at 8717 N. 43rd Street on **Saturday, May 6th**. Please contact us at 414.357.0120 with questions.

Roadside yard waste collection began this week (week of April 17th) and is collected on the same day as your refuse collection. Please visit: <http://www.browndeerwi.org/recycling-yard-waste-collection-information/> for yard waste collection rules and schedule.

The Director and Engineering Technician attended the Village Board meeting on Monday, April 17th. One item was on the agenda for approval. Resolution No. 17-11 was passed authorizing the Director of Public Works/Village Engineer to submit a grant to the Fund for Lake Michigan and for the Village to contribute a local cost share. The grant would help offset costs for the naturalization of Beaver Creek from Village Park to N. Green Bay Road/STH 57. The project would be in conjunction with the adjacent recreational trail which is funded 100% with a Community Development Block Grant (CDBG) from Milwaukee County. The project would be designed this year (2017) and constructed in the summer of 2018.

The Director attended the Dept. Head staff meeting on Tuesday, April 18th. Coordination with other departments was discussed.

The Director met with representatives from Sweet Water on Tuesday, April 18th to discuss the “Adopt-A-Storm Drain” program. Sweet Water will attend the “Eat & Greet in the Street” event on Saturday June 3rd in the Original Village to kick-off the event. Sweet Water is in charge of the Village’s (and North Shore Group’s) education & outreach component of our WDNR NR 216 stormwater permit.

The Director and Engineering Technician met with engineers from the City of Milwaukee on Wednesday, April 19th to discuss plans for Bradley Road box culvert replacement and roadway reconstruction from N. Teutonia Avenue/CTH D to N. Green Bay Road/STH 57. The box culvert replacement will be designed jointly in 2017 with construction expected in 2018. The roadway reconstruction will occur in future years. The intent is to replace the existing pavement and add 4-ft paved shoulders.

The Engineering Technician is attending a class through the UW-Extension in Madison on Thursday and Friday (April 20th & April 21st) learning a new software program WinSLAMM. WinSLAMM or Source Loading & Management Model is a tool to analyze the total suspended solids (TSS) among other pollutants in stormwater runoff from various source areas (i.e. parking lots, rooftops, roadways, etc.). The WDNR requires a reduction in TSS with all new construction and impervious surface addition as part of the Village’s (North Shore Group’s) stormwater permit. The last time modeling was completed was in the year 2000 as part of the Village’s original Stormwater Management Plan (SWMP). The Village will be updating its SWMP to comply with the new WDNR Total Maximum Daily Loads (TMDLs) which will go into place with the North Shore Group’s new permit next June (2018).

CONSTRUCTION 2017 PROJECTS:

The 2017 construction projects are as follows:

Roadway Re-Paving Program

W. Donges Lane (from N. 67th Street to N. 60th Street)

W. Darnel Avenue (from N. Grandview Drive to N. 60th Street)

N. 51st Street (from W. Dean Road to W. Wahner Avenue)

- Bid Opening was on Thursday, April 13th.
- Apparent low bidder is Stark Asphalt.

Ditch Rehabilitation & Culvert Replacement Program

W. Donges Lane (from N. 67th Street to N. 60th Street)

W. Darnel Avenue (from N. Grandview Drive to N. 60th Street)

- Public Information Meeting (PIM) will be held on Monday, April 24th at 6:00pm at Village Hall.
- Public Hearing will be held on Monday, May 1st at the regularly scheduled Board meeting.

2017 Water Main Relay

N. 51st Street (from W. Dean Road to W. Wahner Avenue)

- Bid Opening was on Thursday, April 13th.
- Apparent low bidder is MJ Construction.

2017 Sanitary Sewer CIPP Lining Project

Cured In-Place Pipe (CIPP) Lining/Rehabilitation at the following locations:

1. N. 51st Street (Dean to Brown Deer Road)
2. W. Brown Deer Road (N. 51st Street to N. Deerbrook Trail)
3. W. River Lane (N. Deerbrook Trail to N. 43rd Street)
4. N. 43rd Street (W. River Lane to the N. Deerwood Drive easement)
 - Bid Opening was on Thursday, April 13th.
 - Apparent low bidder is Michels Corp.

Coordinated Project

W. Bradley Road (from N. 76th Street to N. 66th Street)

- Roadway Re-Paving
- Schedule TBD
- *in conjunction with the City of Milwaukee (lead agency)*

WINTER OPERATIONS: The Director submitted the salt bid municipal agreement for the 2017/18 season. The salt bid is administered through the Wisconsin Department of Transportation (WisDOT) for all the communities in Milwaukee County. Last season's (2016/17) bid price was \$60.09/ton.

DPW crews continue repairing plow damage to turf areas along roadways throughout the Village. Topsoil was spread and seeding will occur in April. The wet weather limits the amount of work completed.

The mechanic continues preparation of the trucks for spring/summer operations.

SANITARY SEWER: The Sanitary Sewer Technician is currently out on medical leave. The Stormwater Technician is filling-in during his absence.

Sewer lines throughout the Village received routine jetting/cleaning the week of April 17th.

STORMWATER: The Stormwater Technician was out clearing storm sewer outfalls during the wet weather event(s) this week along with clearing catch basin grates.

The Operations Supervisor responded to resident calls regarding standing water in roadside ditches and culvert blockages after the storm event(s) this past week.

The Director and Engineering Technician submitted an Urban Non-Point Source (UNPS) planning grant application to the Wisconsin Department of Natural Resources (WDNR). The grant is a 50/50 funding participation split to help offset costs for updating the Village's Stormwater Management Plan (SWMP) and to comply with the new Total Maximum Daily Load (TMDL) requirements. The Village holds a group permit through the WDNR with the other North Shore communities which expires in June of 2018. The Village's new SWMP will act as an outline for compliance with the new TMDLs. If successful, the grant will help offset Village costs.

The Director and Engineering Technician submitted the full proposal to the Fund for Lake Michigan grant for consideration of \$50,000 in funding. The grant would be used to fund the Beaver Creek Naturalization project from Village Park to N. Green Bay Road/STH 57. The existing concrete invert would be removed and the bottom naturalized with river stone. The side slopes would be stabilized using turf reinforcement mat and native plantings. The project would also include recreational trail repaving which is funded at 100% through a Milwaukee County Community Development Block Grant (CDBG). The full proposal was due before Friday, April 21st.

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.

The Administrative Assistant sent out the 2016 culvert assessment final invoices. Payment is due by October 15th, 2017.

BEAUTIFICATION/FORESTRY: DPW was called-in during the early morning hours on Thursday, April 20th for an uprooted tree at N. 59th Street and W. Ester Place. The crew removed the tree from the roadway. The tree belonged to an adjacent property who will contract with a tree service for removal.

The Operations Supervisor called-in Digger's Hotline tickets for tree planting operations at all the locations where trees were removed this past winter.

STREETS & TRAFFIC: Crews cut the asphalt on N. 66th Street immediately north of W. Dean Road where a sink hole had formed last week. The asphalt was removed along with the unstable subsoil and the void filled with slurry. Hot mix asphalt paving will be completed after the area is allowed to settle. The road was closed during the work, but open to traffic before the end of the day.

REFUSE AND RECYCLING: DPW crews picked litter/debris from the medians along W. Brown Deer Road, N. Green Bay Road, N. Teutonia Avenue, N. Sherman Blvd, and in the east terrace of N. 60th Street (south of Brown Deer Road) as time allowed.

The Recycling Center is on spring/summer hours for the month of April. The Recycling Center is open on **Saturdays from 10am to 5pm and on Tuesdays & Thursdays from 12pm to 8pm.** For further information regarding the recycling center please call the DPW office at 414.357.0120.

PARKS & RECREATION: DPW crews started working on the swimming pond maintenance ahead of the 2017 summer season.

The Director and Operations Supervisor met with a representative from EZ Dock at Badger Meter River Park on Monday, April 3rd to discuss repair solutions for the existing dock which was damaged from some large debris in floating in the River. DPW crews worked on repairs to the kayak launch and parts were ordered at EZ Dock for completion. The launch should be installed within about 2-weeks.