



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: July 13th, 2017

GENERAL: The 2017 Water Main Relay started on Monday, July 10th. MJ Construction is the prime contractor. The project will replace approximately 2,500 LF of old 6-inch cast iron water main with new 8-inch PVC pipe. New hydrants will be installed along with service reconnections. Traffic control is in-place routing vehicles to the adjacent frontage roads during the installation. The work is anticipated to be complete by mid-August. Following the water main relay the roadway (and frontage roads) will be re-paved under a separate contract with Start Asphalt Corp.

The DPW crews have started work on W. Donges Lane between N. 67th Street & N. 60th Street. The crew completed sanitary sewer manhole rehabilitation along with sawcutting driveways for culvert replacements. The Engineering Technician has started staking the locations/elevations of the new culverts.

WE-Energies contractors have started work on W. Darnel Avenue between N. Grandview Drive and N. 60th Street. The gas main relay and service renewals should be complete by the end of July before the work shifts to W. Donges Lane.

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)

- The Village Board awarded the project to Stark Asphalt.
- Work will start mid-August with a completion date of mid-September.

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) was held on Monday, April 24th at 6:00pm at Village Hall.
- Public Hearing was held on Monday, May 1st at the regularly scheduled Board meeting.
- Work has started on Donges with a completion date of end-July. Driveway sawcutting and manhole work has been completed. The Engineering Technician is staking the new driveway culvert pipe locations/elevations.
- Work has been delayed to start end-July on Darnel with a completion date of mid-to-end-August. WE-Energies has started the gas main relay and should be complete within the next 2-weeks before moving onto Donges.

2017 Water Main Relay

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

- The Village Board awarded the project to MJ Construction.
- Work began on Monday, July 10th and is expected to be complete by mid-August.

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)
 - The Village Board awarded the project to Michels Corp.
 - Lateral televising began and was completed the week of June 26th. Prep work for the CIPP lining started on Friday, June 30th and all lining work will be completed by mid-October.

Coordinated Project

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

- Roadway Re-Paving
- Base patching was completed during the month of May
- The railroad crossing work at the 7200 block of Bradley should be complete by the end of July
- Asphalt paving will occur during the month of August
- *Conjunction with the City of Milwaukee (lead agency)*

WINTER OPERATIONS: The salt bid for the 2017/18 season was received by the Wisconsin Department of Transportation (WisDOT). The bid came in at \$58.59/ton for all the communities in Milwaukee County. Last season's (2016/17) bid price was \$60.09/ton.

SANITARY SEWER: The Sanitary Sewer Technician investigated a basement back-up on Donges Lane. The cause of the back-up was determined to be a plug in the homeowner's lateral pipe. The sewer main checked out in satisfactory condition.

Michels Pipe Services completed the televising of 57-laterals on N. 51st Street between W. Dean Road and W. Wahner Avenue. Deficient laterals will be identified and repaired during the water main relay project's contractor (MJ Construction).

The Sanitary Sewer Technician has returned to the office from medical leave, but remains on light duty work. The Stormwater Technician continues to help-out as needed.

The Director submitted the annual CMOM/CMAR reporting to the WDNR and MMSD. The Village holds a wastewater permit with the WDNR and annual reporting on the maintenance activities for the year is required to be submitted by June 30th.

STORMWATER: The DPW crews completed an emergency culvert pipe replacement at the intersection of N. 61st Street and W. Arch Avenue. A resident called-in a sink hole forming in the roadway at this location and upon investigation the crew noticed that the old metal cross culvert had rusted. The pipe was replaced with new metal arch pipe due to cover concerns. The roadway was backfilled with recycled asphalt grindings and will be paved during the W. Darnel Avenue re-paving project at the end of August.

The DPW crews completed a storm sewer pipe installation on N. 60th Street to correct some drainage issues after the 2015 project was completed.

The Village was notified we were successful in securing a stormwater grant from the Fund for Lake Michigan in the amount of \$50,000 for the Beaver Creek naturalization project between Village Park and N. Green Bay Road/STH 57. The project will include naturalization by removing the concrete channel and restoring with river stone, streambank stabilization, and native plantings. The project will

be designed this summer fall and constructed during the summer of 2018.

The DPW crew is working on some corrective action stormwater pipe burial to improve drainage along the west side of N. 60th Street between Fairy Chasm & Cloverleaf.

The Director submitted the annual WDNR stormwater report and MMSD Chapter 13 stormwater report. Annual reports are required to each agency detailing the Village's stormwater activities for the year and the Best Management Practices (BMPs) implemented for water quality mitigation as required by the Village's permit.

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: Fox Services completed a full weeding of the bioretention areas on W. Bradley Road between N. 51st Street and N. Sherman Blvd/CTH G.

Fox Services was in the Village completing a full grass mowing at all Village maintained areas. The crew also trimmed shrubs/bushes and weeded planter beds.

The summer helpers are working on cleaning out planting beds along with adding new mulch throughout the Village.

The Summer helpers are out picking median trash and litter as time allows.

STREETS & TRAFFIC: Crowley Construction continues the annual pavement marking re-painting throughout the Village. The crews are re-painting stop bars, crosswalks, bike symbols, lane lines and centerlines.

REFUSE AND RECYCLING: The Recycling Center is on summer hours for the month of July. 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 assisted with the 4th of July set-up and tear-down.