



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: October 18th, 2018

GENERAL: On Monday October 15th the Director conducted a walking tour of the new DPW facility with several Board members prior to the Board meeting. For more information on the DPW project follow this link: <http://www.browndeerwi.org/wp-content/uploads/2018/09/DPW-Presentation.pdf>

On Monday, October 15th and Tuesday, October 16th the DPW crews dug-out old water main break locations (mainly along N. 52nd Street north of Dean) and backfilled with slurry. The patch areas will be paved with the roadway re-paving program (week of October 22nd).

On Tuesday, October 16th the DPW crew removed overgrown trees and shrubs along the Police Dept. portion of Village Hall. The tree removal was also necessary for the new fiber optic connection from Village Hall to the new DPW facility.

On Tuesday, October 16th the Director attended the department head staff meeting where coordination with other departments was discussed.

On Tuesday, October 16th the Director met with the Village Manager, Treasurer, and Water Utility to discuss the shared services agreement and cost allocations for rent at the new DPW building.

On Thursday, October 18th the Director and Sanitary Sewer Technician met with the contractor for the Bradley & Teutonia roundabout project to discuss necessary corrective action work in the sanitary sewer manholes. The contractor will be changing the sewer lids and reworking the interior manhole adjustments to meet the Village specifications. The work will occur the week of October 22nd prior to the final surface paving for the project.

The DPW is aware of the continued settling on N. 51st Street. We have been actively working with the contractor on a permanent solution which is at no cost to the Village. We will likely “top” the settled areas ahead of winter with a 2-inch hot-mix asphalt (small mill and overlay). We will let the patch areas go through a winter during a freeze-thaw cycle. In the spring we will dig out the patch areas and backfill with slurry. We will then mill and overlay (4-inches) the entire area creating one continuous asphalt section. We believe the settling is occurring from perched groundwater in the roadway base course.

2018 CONSTRUCTION

Milwaukee County N. Teutonia Avenue/CTH D & W. Bradley Road Roundabout Project

The Milwaukee County W. Bradley Road & N. Teutonia Avenue/CTH D Reconstruction & Roundabout project is starting to wrap-up. The Bradley & Teutonia roundabout intersection remains open under a temporary condition. All landscaping work is now complete. The milling and rubblizing operation along the median lanes between Bradley and Good Hope was completed last week (week of October 8th). The binder course asphalt paving is occurring this week (week of October 15th). The final surface lift asphalt paving will be completed after the manhole adjustment work is done. Final paving should occur and be completed prior to the end of October. Please drive with caution around the construction site!

Sanitary Sewer Mainline & Lateral Rehabilitation Project

The 2018 Sanitary Sewer Mainline and Lateral Rehabilitation project is complete in the Green Knoll Subdivision which is the neighborhood tributary to N. 59th Street/W. Range Avenue/W. Betty Lane. A total of 73-homes had sewer laterals CIPP lined and the entire mainline sewer in the neighborhood was CIPP lined. Crews finished the restoration around the access tees the week of September 4th.

Water Main Rehabilitation Project

The 2018 Water Main Rehab project is complete. The relay work on W. Terry Avenue from N. 54th Street to W. Wabash Avenue has been completed. A new 8-inch PVC main was installed to replace the existing 6-inch cast iron main. CIPP lining work was completed along the east side of N. Teutonia Avenue from W. Bradley Road to W. Dean Road. The existing 12-inch main was lined along the east side of N. Teutonia. All restoration work is complete.

New DPW Facility Project

Current work includes, but is not limited to:

- exterior verneer stone, office interior wall framing, office HVAC duct work, site storm sewer installation, shop area trench drains, shop area concrete floor pouring, roofing in the upper repair bays, and fiber optic conduit installation between Village Hall and the new DPW.

Work next week includes, but is not limited to:

- salt dome grading and paving, spancrete area roof curbs and hole cutting, police garage wall framing, exterior wall panel detailing and caulking, office roof system installation.

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 project was set to begin the week of September 4th but was delayed to the recent wet weather conditions. Set-up work started the week of October 8th. The bike path paving portion of the project has now been delayed until spring after approval from the Milwaukee County CDBG administrators. R&M, the Village's engineering consultant completed the construction staking layout.

Ditch Rehab & Culvert Replacement Program

The 2018 Ditch Rehab & Culvert Replacement Program has been completed on the following streets:

- W. Cloverleaf Lane (from N. 67th Street to N. 65th Street)
- W. Terry Avenue (from N. 54th Street to N. 52nd Street)
- N. 52nd Street (from N. 52nd Street to W. Wabash Avenue)

The DPW crews have completed the driveway culvert replacements/installations on both the east/west and north/south sides of W. Terry Avenue the week of August 20th along with completing the ditch rough-cuts. The crew completed some ditching work at the intersections the week of September 10th. The Village's topsoiling contractor finished the topsoiling operation the week of September 10th on the south side of Terry. The topsoil operation will resume after the paving contractor is done so that the north roadway edge is further defined.

Roadway Re-Paving Program

The 2018 Roadway Re-Paving Program is in-progress 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)

The contractor for the work is Payne & Dolan. The binder paving is scheduled to start on Monday, October 22nd which will be followed by driveway asphalt paving and final surface paving. All work is expected to be completed by October 31st.

WINTER OPERATIONS: The 2018-2019 salt bid has been received. The supplier is Compass Mineral (same as last season) and the bid price is \$68.48/ton. Last year's bid price was \$58.59.

The DPW crew has been checking their respective plow routes for deficient mailboxes and issuing mailbox repair notices as appropriate.

SANITARY SEWER: The Sanitary Sewer Technician responded to a basement back-up call at Deerwood Crossing in the underground parking garage on Thursday, October 11th. A precautionary sewer cleaning downstream and upstream of the lateral connection point in Bradley Road was completed on Friday, October 12th (Visu-Sewer assisted with the cleaning efforts).

The Sanitary Sewer Technician is completing GIS data entry and reviewing the video files from the Private Property CIPP Mainline and Lateral Rehab project. A punch list has been developed and shared with the contractor for any necessary corrective action work prior to final payment being issued.

STORMWATER: The DPW crews are working on re-ditching along N. 55th Street as part of driveway culvert permit installations. The DPW crew is also scheduled to start buried storm sewer pipe installation on Donges immediately east of N. 67th Street which will complete work from the 2017 re-paving program. The work on Donges is expected to start on Friday, October 19th or Monday, October 22nd.

The Director has contracted with MJ construction for the repair of two (2) catch basins located on Terry Avenue in Meadowside Subdivision. MJ construction will complete the work with the assistance of the DPW crews. The catch basins were scheduled for maintenance after routine inspections revealed they had collapsed.

The Stormwater Technician continues street sweeping activities in the curb and gutter roadway sections as per our permit with the WDNR.

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 was in the Village mowing medians, Village Hall, Fairy Chasm Park, and Library the week of October 15th.

STREETS & TRAFFIC: The DPW crews completed hot-mix asphalt patching with the Village's contractor MJ Construction at several large pothole areas and recent water main break areas along with some previously settled asphalt roadway areas. Slurry backfill was used to prevent any future settling from occurring.

The 2018 cracksealing work is expected to begin mid-October.

Manhole infrared heating work started on Wednesday, October 17th. A total of 42-manholes were patched ahead of winter operations beginning.

REFUSE AND RECYCLING: The DPW crews are picking trash/litter throughout the Village within medians and terraces as time allows.

The Recycling Center is on fall hours for the month of October and is open on **Saturdays from 10am to 5pm along with Tuesdays and Thursdays from 12pm to 6pm.** For further information regarding the recycling center please call the DPW office at 414.357.0120.

PARKS & RECREATION: The DPW crews assisted with the swimming pond draining operation.