



# 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 10<sup>th</sup>, 2018

**GENERAL:** On Thursday October 4<sup>th</sup> the Director attended the Teutonia & Bradley Road walk-through with the design engineers from Ayres Associates and Milwaukee County engineers. The purpose of the walk through was to develop a punch-list of outstanding items to complete prior to the final asphalt paving which is scheduled for end-October.

On Tuesday, October 9<sup>th</sup> the Director attended the North Shore shared services meeting with the other North Shore communities. DPW operational topics were discussed along with the North Shore group stormwater permit. The DNR was in attendance to discuss the permit progress and future grant opportunities.

The DPW is aware of the continued settling on N. 51<sup>st</sup> 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 continues. The Bradley & Teutonia roundabout intersection is open under a temporary condition. The landscaping is complete. Stage 2 work is complete with the binder pavement on the outside curb lanes. Traffic has been switched to the new binder asphalt and Stage 3 work continues with concrete median nose modifications. Asphalt milling, rubblizing, and binder paving is scheduled for the week of October 15<sup>th</sup>. Final asphalt paving is scheduled for 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. 59<sup>th</sup> 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 4<sup>th</sup>.

### **Water Main Rehabilitation Project**

The 2018 Water Main Rehab project is now complete. The relay work on W. Terry Avenue from N. 54<sup>th</sup> 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. The punch list is being worked on and final payment issued to the contractor once all final items are complete.

### **New DPW Facility Project**

The grading contractor, C.W. Purpero, continues with the site grading and earthwork operations, specifically for the new driveway entrance at Arbon Drive. The precast concrete panels have been installed for the new police garage addition and steel erection has started. Sub-contractors continue working on the plumbing rough-ins and electrical rough-ins. The CMU walls in the new office area and shop area are complete and the steel studs for the remaining walls are nearing completion. The roofing system work is ongoing. The underground contractor continues working on the bulk fill station piping for the new filling station off the cul-de-sac. Next the concrete floors will be poured in the shop areas. Window hanging should start next week (slight delay).

### **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 4<sup>th</sup> but was delayed to the recent wet weather conditions. Work is now anticipated to start this week, week of October 8<sup>th</sup> (this week). 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. 67<sup>th</sup> Street to N. 65<sup>th</sup> Street)
- W. Terry Avenue (from N. 54<sup>th</sup> Street to N. 52<sup>nd</sup> Street)
- N. 52<sup>nd</sup> Street (from N. 52<sup>nd</sup> 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 20<sup>th</sup> along with completing the ditch rough-cuts. The crew completed some ditching work at the intersections the week of September 10<sup>th</sup>. The Village's topsoiling contractor finished the topsoiling operation the week of September 10<sup>th</sup> 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. 67<sup>th</sup> Street to N. 60<sup>th</sup> Street)
- W. Calumet Road (N. 51<sup>st</sup> Street to N. 43<sup>rd</sup> Street)
- W. Terry Avenue (N. 54<sup>th</sup> Street to W. Wabash Avenue)

The contractor for the work is Payne & Dolan. Crews completed all of the asphalt pulverizing last week (week ending October 6<sup>th</sup>) and is working on the roadway grading operation this week (week of October 8<sup>th</sup>). The proof roll and any necessary undercutting is expected to occur at the end of the week (Friday, October 12<sup>th</sup>). Asphalt paving is scheduled for the week of October 15<sup>th</sup>.

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

**STORMWATER:** The Director is working on scheduling the repair the 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 routing inspections revealed they had collapsed.

The Stormwater Technician continues street sweeping activities in the curb and gutter roadway sections and throughout the entire Village 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:** The Administrative Assistant attended the Beautification Committee meeting on Tuesday, October 9<sup>th</sup>. The landscaping plans for the School District Referendum project were approved contingent on adding additional plantings/screening along the east parking lot addition adjacent to Dean Road.

**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 is scheduled to occur during the month of October. The DPW crews inventoried the manholes needed patching prior to winter operations starting.

**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.