



# 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:** November 14<sup>th</sup>, 2018

**GENERAL:** Canadian National (CN) continues the emergency full replacement of the railroad crossing at W. Brown Deer Road/STH 100 adjacent to the North Shore Fire Station and Otto's Wine Cask. The initial work completed this past spring (May of 2018) was inadequate and needed to be re-done. CN has taken full responsibility for the project. The crossing replacement required full closure of W. Brown Deer Road at the RR tracks which started Monday, November 12<sup>th</sup> and should be completed by the end of the day on Friday, November 16<sup>th</sup>. This work is completely under the control of CN and WisDOT and not under the Village's control at all. A detour route and traffic control are in-place during the closure. Questions can be directed to CN at CN's 24-hour emergency contact number 1-800-465-9239 or CN's general public inquiry contact 1-888-888-5909 or via email at [Contact@cn.ca](mailto:Contact@cn.ca)

On Monday, November 5<sup>th</sup> the Director attended the Village Board meeting. All of the 2019 enterprise rates and street lighting district assessments were approved. The rates for recycling, sewer, and stormwater all remained the same as 2018 rates. The street lighting districts are assessed the actual energy costs to operate the system and any maintenance costs incurred.

On Wednesday, November 7<sup>th</sup> the Director attended the Finance & Public Works Committee meeting. The operational changes for the new recycling center located at the new DPW facility were discussed. Preliminary plans include the following:

- Hours = 7am to 7pm Sunday to Sunday (7-days a week, 365-days a year).
- The center will be unattended and completely automated.
- Key cards will be issued to each residence (free of charge)
  - Currently it is proposed that each household is eligible for one (1) key card (free of charge). A second or replacement key card is \$20.
  - A sign-up or registration period will occur for key card issuance. We will offer weekday sign-up hours during normal business hours and some Saturday sign-up/registration times.
- The \$80 annual recycling fee will cover the cost of the new key cards and the use of the new center.
- The new center will offer the same services as the existing center, but with added hours of service.
- Since the new center will be automated there will not be a need to employ attendants which equates to an annual savings of \$12,500.
- The existing center would remain operational until the new center is up and running. Currently I am thinking for a mid-July opening.

On Monday, November 12<sup>th</sup> the Director attended the final walk-through with staff from Milwaukee County, engineering consultant, and contractor for the Bradley Road & Teutonia Avenue roundabout and re-paving project. All work is substantially complete, and the contractor is working on the final punch-list items. The roadway is fully open to traffic!

The Director, Community Development Director, and Assistant Village Manager attended the pre-proposal meeting with engineering consultants who are proposing on conceptual concept design for the former API site (now Village owned). The API site is located immediately west of the existing DPW

and North Shore Fire Station in the Original Village south of W. Ruth Place and along the Oak Leaf Trail. The Village is seeking to select a firm who will develop concept plans, conduct public involvement meetings and complete a site survey. The goal is to produce a concept that develops the property as an open space for the public with amenities for skate-boarding, public art, concessions, etc. Concept plans will be presented to the public in 2019 and be presented to the Board and Committees throughout the upcoming year.

The DPW is aware of the continued settling on N. 51<sup>st</sup> Street between Wahner & Wabash. We have been actively working with the contractor on a permanent solution which is at no cost to the Village. The Director is meeting with the contractor on Thursday, November 15<sup>th</sup> to mark-out the areas for the temporary overlay ahead of the winter months. We will let the patch areas go through a winter during a freeze-thaw cycle. In the spring (2019) 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 substantially complete! The roundabout is completely open to traffic and Teutonia south of Bradley to Good Hope is completely open to traffic. The contractor is working on some street light re-wiring and general clean-up along with the final punch-list items which should all be complete prior to the end of the month (November).

### **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 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.

### **New DPW Facility Project**

Current work includes, but is not limited to:

- Salt dome construction and wall pours, salt dome roof installation, north parking lot asphalt paving, sidewalk and driveway apron prep and concrete pours, window frame install, window blocking, plumbing & electrical rough-ins, metal roof edging, exterior spancrete wall detailing & caulking.

Work next week includes, but is not limited to:

- Salt dome roof construction, office wall stone, window blocking, window framing, main garage parking area concrete pour, metal roof edging, spancrete exterior wall panel detailing and caulking, electrical and plumbing rough-ins, hollow metal door install.

### **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 very wet weather conditions. Set-up work started the week of October 8<sup>th</sup> which included R&M, the Village's engineering consultant completing the construction staking layout. Mobilization occurred the week of October 29<sup>th</sup>. Current work includes concrete removal at the downstream reach along with site grading. The bike path paving portion of the project has now been delayed until spring after approval from the Milwaukee County CDBG administrators.

### **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 now resume because the paving has been completed. Topsoiling will occur this fall and finish in the spring of 2019. Currently all topsoiling has been delayed to the cold temperatures.

### **Roadway Re-Paving Program**

The 2018 Roadway Re-Paving Program has been completed 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 was Payne & Dolan. All asphalt paving (including driveways) was completed by Friday, October 26<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.

The mechanic is working on finalizing all six (6) plow truck set-ups.

**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 has been developed and shared with the contractor for any necessary corrective action work prior to final payment being issued.

**STORMWATER:** The DPW crew completed a storm drain repair at the north end of the N. 52<sup>nd</sup> Street drainage ditch just south of Churchill. During routine inspections it was noticed the drain had collapsed. The DPW completed emergency repairs to the structure.

MJ construction installed two (2) new concrete catch basins located on Terry Avenue in Meadowside Subdivision. The DPW crews completed the final structure adjustment the week of November 12<sup>th</sup>. Concrete curb and gutter will be poured before the end of the week (week ending November 16<sup>th</sup>) and asphalt patching will occur early next week (week of November 19<sup>th</sup>).

The Stormwater Technician continues street sweeping activities in the curb and gutter roadway sections as per our permit with the WDNR along with street sweeping clean-up along the roadway re-paving limits.

**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 DPW crew is working on creating a berm at the N. 47<sup>th</sup> Street and W. Churchill Lane intersection (SE quadrant). Several cars have been cutting the corner damaging the landscaping. DPW is cleaning up the area and will finalize the landscaping in the spring.

**STREETS & TRAFFIC:** The 2018 cracksealing work was completed week ending November 9<sup>th</sup>. Fahrner Asphalt Sealers is completed the work.

Manhole infrared heating work was completed by Friday, October 19<sup>th</sup>. 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 months of November 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 mechanic continues working on shutting down the bathroom facilities at Fairy Chasm Park (delay due to plumber and parts coordination).