



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 31st, 2018

GENERAL: The Village and DPW has been made aware by Canadian National (CN) and WisDOT that the railroad crossing at W. Brown Deer Road/STH 100 adjacent to the North Shore Fire Station and Otto's Wine Cask is in need of emergency full replacement. The initial work completed this past spring (May of 2018) was inadequate and needs to be re-done. CN has taken full responsibility for the project. The crossing replacement require full closure of W. Brown Deer Road at the RR tracks during starting Monday, November 12th through Friday, November 16th. 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 will be 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

On Wednesday, October 24th the Director and Assistant Village Manager completed a walk-thru of the new DPW facility with the electrical contractor and Village's IT consultant to discuss the new wireless and data set-up.

On Friday, October 26th the Director met with the general contractor for the new DPW project to discuss the Village Hall renovation items. The Health Department renovations have been eliminated from the plan due to uncertainty with the departments future home in the North Shore.

On Tuesday, October 30th the Director met with the general contractor, electrical contractor, architect, and the Village's IT consultant to further discuss the IT needs for the new DPW facility and upgrading the Village Hall system.

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 continues 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 final binder course asphalt paving was completed the week of October 15th. The final surface lift asphalt paving is occurring this week, week of October 29th and should be complete by Friday, November 2nd. The actual roundabout surface paving is occurring on Thursday, November 1st. Miscellaneous clean-up work along with punch-list items will be addressed during the month of November. The entire project should be complete before Thanksgiving!

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:

- Parking garage floor grading & parking lot grading, north parking lot sidewalks, catch basin rim setting, office sprinklers, police garage wall framing, salt dome paving, plumbing & electrical rough-ins, office canopy roofs, exterior spancrete wall detailing & caulking, sprinkler flush test, sprinkler piping installation, shop concrete floor pours.

Work next week includes, but is not limited to:

- Parking lot grading, east parking approaches and prep, metal door install, window frame install, garage concrete floor pouring, metal roof edging. 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, salt dome construction, recycling center bin storage pour, window blocking.

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 very wet weather conditions. Set-up work started the week of October 8th which included R&M, the Village's engineering consultant completing the construction staking layout. Mobilization occurred the week of October 29th. 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. 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 now resume because the paving has been completed. Topsoiling will occur this fall and finish in the spring of 2019.

Roadway Re-Paving Program

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

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 plow truck set-up. Three (3) of the six (6) trucks have been set-up for winter operations.

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 crews completed some corrective action storm sewer installation on W. Donges Lane between N. 67th Street & N. 65th Street (both north and south side). The ditches were dug too deep and storm sewer pipes were buried to correct the situation.

The DPW crew is working on a storm drain repair at the north end of the N. 52nd Street drainage ditch just south of Churchill. During routine inspections it was noticed the drain had collapsed. The DPW crew is working on emergency repairs to the structure.

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. MJ will complete the work either on Friday or Saturday (11/02 or 11/03).

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 29th.

STREETS & TRAFFIC: The 2018 cracksealing work is expected to begin the week of November 5th and be complete the week of November 12th. Fahrner Asphalt Sealers is completing the work.

Manhole infrared heating work was completed by Friday, October 19th. 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 October and 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 is working on shutting down the bathroom facilities at Fairy Chasm Park.