



# 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:** April 28<sup>th</sup>, 2021

**GENERAL:** The WisDOT W. Brown Deer Road/STH 100 project from N. 91<sup>st</sup> Street in Milwaukee to east of N. Arbon Drive in Brown Deer started on Monday, April 26<sup>th</sup>. The prime contractor for the work is Payne & Dolan. The project is being led and funded by WisDOT. The Village has participation in the utility work and streetscaping elements.

- **Overview:** The project will remove and replace the existing asphalt pavement, concrete base patching, storm sewer improvements, geometric changes to the intersections at N. 66<sup>th</sup> Street, N. 64<sup>th</sup> Street, and N. 60<sup>th</sup> Street, along with extensive streetscaping elements within the Village limits which includes colored concrete at the intersections and new planting in the medians.
- **Traffic Control:** The project will be built in stages. Stage 1 will close the outside curb lanes in each direction meaning Brown Deer Road will be down to two (2) travel lanes in both the WB and EB directions for approximately 2-months. The center lane will be closed in addition to the outside lane during the overnight hours for this same period along with some various daytime closures between the hours of 9am and 3pm.
- **Current Work:** Erosion control installation, sawcutting around curb inlets, water valve boxes, and manholes. Sawcutting at intersections, curbs, ped-ramps, and sidewalks.
- **Upcoming Work:** Asphalt milling in the outside curb lane (lane 3), temporary traffic signal installations at N. 60th Street, N. 64th Street, and N. 66th Street, and sawcutting for concrete base patching.

**The entire project completion is scheduled for October 15<sup>th</sup>, 2021.**

Every Wednesday the Director attends the weekly progress meeting with the WisDOT engineers and contractor reps for the Brown Deer Road project. The schedule was discussed along with the upcoming 3-week work outlook. Brown Deer water valve adjustments were marked in the field (WB curb lane) for sawcutting.

On Thursday, April 22<sup>nd</sup> the Director attended a meeting with WE-Energies and WisDOT to discuss damage to the box culvert underneath N. Green Bay Road/STH 57 at Deerwood Drive. The NB curb lane on Green Bay Road has been closed since December of 2020 after damage to the structure occurred during a WE-Energies gas main relocation via directional drilling. WE-Energies has assumed full responsibility for the damage and a structural engineer (Kapur Associates) is preparing plans for the emergency repair work to occur during the month of May.

On Friday, April 23<sup>rd</sup> the Director conducted a tour of the DPW facility with Palatine, IL DPW and Kueny Architects. Palatine is building their own facility and wanted to tour our new complex for design ideas. We love showing off our facility!

On Wednesday, April 28<sup>th</sup> the Director attended a virtual Public Informational Meeting (PIM) for the N. 50<sup>th</sup> Street coordinated project between W. Dean Road and W. Churchill Lane. The water main will be replaced, driveway culverts replaced, sanitary manholes reconstructed, and roadway re-paved.

**WINTER OPERATIONS:** The Director placed the order for the 2021/2022 salt bid. The Village is a part of the State bid. An order of 1,000-tons guaranteed fill and 200-tons reserve fill was placed.

**SANITARY SEWER:** The 2020/2021 Mainline Sanitary Sewer CIPP Lining project continues in the Bradley Estates subdivision (started on Thursday, December 10<sup>th</sup>). The contractor for the work is Visu-Sewer. Lateral grouting started on Monday, March 15<sup>th</sup> and will continue through mid-May. The mainline sewer CIPP lining portion of the work was completed the first week of February. The lateral grouting is taking longer than anticipated due to the high volume of groundwater encountered.

The Sanitary Sewer Technician continues cleaning sewer pipes with Basin No. 5 which includes N. 46<sup>th</sup> Street (from Dean to Churchill) and N. 50<sup>th</sup> Street (from Dean to Churchill). Pipe cleaning and manhole inspections are taking place on N. 50<sup>th</sup> Street ahead of the 2021 water main relay project which will occur on N. 50<sup>th</sup> from Dean to Churchill. Residents will be invited to a pre-construction meeting ahead of the project.

**STORMWATER:** The DPW crew rented out a large backhoe with extended boom arm to clean-out sediment accumulation in Beaver Creek east of N. 51<sup>st</sup> Street. Approx. 25-truckloads of dredged material were removed.

The street sweeper is running in the curb & gutter roadways throughout the Village and following the cleaning schedule per the Village's stormwater MS4 NR216 permit with the WDNR. Catch basin cleaning will start during the month of May. All catch basins in the Village will be cleaned.

The Director is completed and sent out the assessments for the 2021 re-ditching and culvert replacement project which will occur on N. 50<sup>th</sup> Street from Dean to Churchill in conjunction with the water main relay project. A public information meeting was scheduled for Wednesday, April 28<sup>th</sup>, and a public hearing on Monday May 3<sup>rd</sup>. After the re-ditching and water main work the roadway will be re-paved.

The Director is working with the design engineering consultant Ruckert-Mielke for the Beaver Creek streambank stabilization project from W. Brown Deer to N. 64<sup>th</sup> Street. There is an easement discrepancy that needs to be rectified with adjacent property owners. A field visit was conducted on Tuesday, March 30<sup>th</sup> to review the proposed drainage easement with the adjacent property owners and to take a tree inventory. Engineers from Ruckert-Mielke were present and some design elements were discussed. The proposed drainage easement was staked in the field so the residents could visually see the limits.

The Director is working on submitting the annual MMSD Chapter 13 stormwater report which is due on Friday, April 30<sup>th</sup>. The report details the activities of 2020 mainly related to private development stormwater infrastructure.

**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:** After an abrupt cancellation of services from the grass mowing contractor, Fox Services, the DPW crew has assumed the turf mowing responsibilities. The Village DPW crew is handling grass mowing in all the medians currently and will continue throughout the 2021 mowing season as a trial period. A new zero-turn mower was purchased out of the CIP item for "All Shop Tools/Equipment" for \$12,000 from Gielow's Lawn Center. The third mower will help the crew complete median and park mowing quicker. The mower was originally scheduled to be purchased in a future year to replace the old tractor style mower but was moved up due to the current situation. The

new snow blower attachment purchase was put on hold to accommodate the new mower purchase. DPW will reevaluate the mowing duties (contractor versus in-house) for the 2022 season.

The DPW crew finished planting new street trees on W. Joleno Lane (east of N. 51<sup>st</sup> Street). And on N. 55<sup>th</sup> Street north of W. Brown Deer Road where the ash trees were removed which were infected with Emerald Ash Borer (EAB). The DPW crew will also be removing dead ash trees along the south side of Calumet adjacent to Tripoli.

The 2021 Arbor Day event will be virtual again this year and is scheduled for Friday, May 7<sup>th</sup>. The Director will plant a tree with the Beautification Committee adjacent to Village Hall and the new monument sign. A copy of the video will be posted to the Beautification Committee's Facebook page. This year's tree will be a Ginkgo Tree and was donated by ATC!

**STREETS & TRAFFIC:** The Director is working on processing/approving utility right-of-way permits from WE-Energies, AT&T, Spectrum, and various fiber optic/communication companies. Utility permits are processed and approved for work occurring within Village R/W. Plans are reviewed for placement and conflicts with Village owned facilities.

The Director is working on the 2021 roadway re-paving program streets list (which includes N. 50<sup>th</sup> Street from Dean to Churchill) along with estimating the public improvements in the Original Village as part of the F-Street development project at the old DPW site. Public improvements include, but are not limited to, sidewalk addition on N. 43<sup>rd</sup> Street and angle on-street parking addition along Deerwood Drive south of Larry's to Peabody's/Wade Weissman.

The DPW crew filled potholes on W. Bradley Road immediately west of N. Green Bay Road/STH 57.

**REFUSE AND RECYCLING:** The Director is working on completing the annual recycling report for calendar year 2020 which is submitted to the WDNR. The annual report is required as part of the State recycling program. The Village receives approx. \$43,000 annually from the State to help offset recycling service costs. The report is due on Friday, April 30<sup>th</sup>.

The DPW crew is out picking trash in the medians and public right-of-way areas. Special attention is given to the high traffic areas along W. Brown Deer Road, N. Green Bay Road, N. Teutonia Avenue, N. Sherman Blvd, W. Bradley Road, N. 51<sup>st</sup> Street, and N. 60<sup>th</sup> Street.

The DPW crew services the new Recycling Center each morning. The crew condenses all the bins and removes the brush from the brush pile area. Advanced Disposal changes out/empties all the 20-yd containers each day.

**PARKS & RECREATION:** The DPW crew rented out a large backhoe with extended boom arm to clean-out sediment accumulation in the Village pond diving well area. The machine was rented in conjunction with the Beaver Creek sediment dredging.

The DPW crew made bean bag toss boards for the 4<sup>th</sup> of July and repairing picnic tables as time allows.