



# 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:** May 19<sup>th</sup>, 2021

**GENERAL:** Mark your calendars! DPW will hold an electronics and appliance recycling event at Village Hall (front parking lot) on **Monday, September 13<sup>th</sup> from 3:30pm to 6:30pm**. Additional details will be available in the fall magazine (distributed mid-August) and on the DPW homepage.

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

- **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 regular daytime closures between the hours of 9am and 3pm.
- **Current Work:**
  - Concrete base patching in outside curb lane (lane 3) in the WB & EB directions.
  - Curb lane catch basin rebuilding (WB direction).
  - Sawcutting in the EB direction for concrete base patches & the center lane WB direction
  - Temp signal installation complete at N. 60<sup>th</sup> Street (temps are active)
  - Temp signal installations at N. 64<sup>th</sup> Street, and N. 66<sup>th</sup> Street
- **Upcoming Work:**
  - Concrete base patching in the outside curb lane (lane 3) in the EB direction
  - Curb lanes catch basin rebuilding
  - Curb, sidewalk, ped ramp removals at Arbon & N. 51<sup>st</sup> & N. 55th
  - Continue temp signals at N. 66<sup>th</sup> St.
  - **Overnight closure is planned for Friday, 05/21 through Saturday 05/23 while the middle lane (lane 2) WB direction is closed for base patching.**

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. Traffic control and lane closures were coordinated with the various sub-contractors on the project. **Starting this weekend (May 22<sup>nd</sup>) regular overnight work is planned so the center lane concrete base patching can be completed.**

On Monday, May 10<sup>th</sup> and Wednesday May 19<sup>th</sup> the Director conducted a tour of the DPW facility with the Director from the Village of Pewaukee and City of Franklin. Pewaukee and Franklin are both building their own facilities and wanted to tour our new complex for design ideas. We always love showing off our facility!

On Tuesday, May 11<sup>th</sup> at 10:30am the Director attended a virtual meeting with WisDOT engineers to discuss temporary accommodations on the north side of Brown Deer Road while the pedestrian ramps are removed at the intersections and sidewalk repairs completed.

On Wednesday, May 12<sup>th</sup> at 12pm the Director attended a virtual meeting to discuss the annual American Public Works Association (APWA) Wisconsin Chapter summer outing. The summer outing will be held at the Bog Golf Course and raises money for the scholarship fund.

On Thursday, May 13<sup>th</sup> at 11am the Director attended a virtual meeting with the consulting engineering firm Ayres Associates to discuss the annual roadway ratings using PASER (Pavement Surface Evaluation & Rating) system. Ayres will be driving the Village streets and rating all the roadways. These ratings are submitted to WisDOT and are used for State funding distributions.

On Wednesday, May 19<sup>th</sup> the Director attended the WisDOT Local Road Improvement Program (LRIP) funding symposium which was held virtually.

**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 the month of 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 was cleaning sewer pipes in Basin 4 on W. Beaver Creek Parkway and N. 51<sup>st</sup>. Cleaning also occurred in Basin 7 on Calumet and Spring Lane and in Basin 8 on Bradley Road between Green Bay Road and Teutonia.

Sawcutting around manholes on N. 50<sup>th</sup> Street started, 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 Director 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. DPW started marking and sawcutting the driveways for culvert replacements the week of May 17<sup>th</sup>.

The DPW crew completed two (2) residential driveway culvert replacements and a cross culvert replacement at 65<sup>th</sup> & Floral after a hole was discovered in the pipe causing a sinkhole in the roadway. The crew also completed a driveway culvert replacement on Cloverleaf which needed repair after a water main break occurred this past winter.

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.

**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 has assumed the turf mowing responsibilities for the 2021 season. 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 removed dead ash trees along the south side of Calumet adjacent to Tripoli and completed some brush clearing along the fence line.

The 2021 Arbor Day event was held on Friday, May 7<sup>th</sup>. Members of the Beautification Committee and DPW planted a tree (Ginkgo) adjacent to Village Hall and the new monument sign. Photos have been uploaded to the Village's and Beautification Committee's Facebook page. This year's tree was a Ginkgo Tree and was donated by ATC!

The Director and Administrative Assistant attended the Beautification Committee meeting on Tuesday, May 11<sup>th</sup>. The Emerald Ash Borer (EAB) action plan was discussed with the committee. A representative from Wahctel Tree Science was in attendance. The committee directed staff to develop the plan based on the current strategy of treatment in the Park Plaza neighborhood (west of 60<sup>th</sup> Street) and removal of ash elsewhere. The final plan will be presented to the committee at the June meeting.

**STREETS & TRAFFIC:** The Village's paving contractor was in on Wednesday, May 10<sup>th</sup> to asphalt pave all the water main break locations. The DPW prepped each location ahead of time.

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.

**REFUSE AND RECYCLING:** The Village received notification of award for the annual recycling grant program from the WDNR. The Village was awarded \$43,835.08 to help offset the costs of our recycling program. On average we receive \$43,000/yr.

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.