



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: June 16th, 2021

GENERAL: There was a large water main break in the NW quadrant of the Bradley/Teutonia roundabout at around 10pm on Monday, June 14th. The break was repaired during the day on Tuesday, June 15th. The incoming south leg and outgoing west legs of the roundabout will remain closed until the asphalt pavement is replaced. Due to the size of the break significant damage to the asphalt occurred. The Director coordinated with Milwaukee County for repairs and Payne & Dolan to complete the work. It is anticipated that the portions of the roundabout closure will remain in place for approximately 2-weeks until the asphalt is replaced.

As part of the WisDOT W. Brown Deer Road/STH 100 project the **N. 60th Street intersection** will be closed in both the NB & SB directions at Brown Deer Road starting Thursday, 06/17 at midnight through Thursday, 06/24 at midnight (or worst-case Friday, 06/25 morning 7am). In addition, W. Brown Deer Road will be down to 1-lane in both the EB & WB directions at N. 60th Street from Thursday, 06/17 at midnight through Tuesday, 06/22 at 10am. The reason for the closure and lane reductions is to partially complete the colored concrete intersection work. This is following the same process as the N. 51st Street intersection completed last week and this week. Advanced message board signs are in-place alerting drivers of the impending closure. WisDOT is also putting out press releases.

Mark your calendars! DPW will hold an electronics and appliance recycling event at Village Hall (front parking lot) on **Monday, September 13th 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. 91st 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 15th, 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. 66th Street, N. 64th Street, and N. 60th 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. **N. 51st Street intersection will be closed in the NB & SB directions starting Thursday, 06/10 at midnight through Thursday, 06/17 at midnight.**
- **Current Work:**
 - Curb lane catch basin rebuilding (WB & EB directions).
 - Curb, sidewalk, ped ramp removals/installations at all intersections (WB & EB).
 - Monotube signal base installations at N. 60th, N. 64th, and N. 66th.
 - New sidewalk from N. 60th Street to N. 56th Street (base agg.)
 - Intersection concrete work at N. 51st Street.

- **Upcoming Work:**

- (Cont.) Curb, sidewalk, ped ramp removals/installations at all intersections (WB & EB).
- (Cont.) Monotube signal base installations at N. 60th, N. 64th, and N. 66th.
- (Cont.) New sidewalk from N. 60th Street to N. 56th Street & N. 68th to N. 64th Streets
- Intersection concrete work at N. 60th Street.

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. Regular overnight closures are planned while the center lane base patching continues along with weekend closures (down to one lane WB & EB). **Starting Thursday, June 19th N. 60th Street will be closed in the NB & SB directions.**

On Tuesday, June 15th the Director met with a rep from Lee's Mechanical to go over annual maintenance for the DPW's HVAC system.

On Wednesday, June 16th Badger Meter conducted a clean-up event in Village Park along the lagoon and the N. 51st Street drainage-way adjacent to FIS.

On Thursday, June 10th the Director attended a preconstruction meeting with the Water Utility and Mid-City Plumbing ahead of the 2021 water main relay which will occur as part of the coordinated project on N. 50th Street from Churchill to Dean. The water main portion of the project is scheduled to start the week of June 28th and be complete the week of July 19th.

The 2021 roadway re-paving project low-bidder is Stark Pavement Corp. This year's streets list is:

- N. 50th Street (from W. Churchill Lane to W. Dean Road)
- N. Carlotta Lane (from W. Glenbrook Road to W. County Line Road)
- W. Woods Circle
- Oak Court
- Elm Court
- Hillside Court

The roadway paving project is expected to start in August. A public information meeting (PIM) will be scheduled with all impacted residents ahead of the work beginning.

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 10th). The contractor for the work is Visu-Sewer. Lateral grouting started on Monday, March 15th and will continue through the end of June (updated). 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 month of June is the Village's turn with the Sewer TV truck (shared with Mequon & Shorewood). The Sanitary Sewer Technician is inspecting the sewer main which runs under the N. Green Bay Road ramps (south of the bridge) ahead of the WisDOT STH 57 reconstruction project in 2022 which will remove the urban interchange. The plan is to CIPP line the main ahead of the project. **The Sanitary Sewer Technician is currently working on some technical issues with the TV truck software.**

Sawcutting around manholes on N. 50th Street is complete along with manhole inspections ahead of the 2021 water main relay project which will occur on N. 50th from Dean to Churchill.

STORMWATER: A new street sweeper demo was conducted with staff on Monday, June 14th. The Village is considering the purchase of a new street sweeper as part of the 2022 Capital Improvement Program (CIP). Several street sweepers from various vendors are being tested this summer.

The DPW crew completed all the driveway culvert installations for the 2021 ditch rehab and culvert replacement project on N. 50th Street from Churchill to Dean. The week of June 14th the crew started ditching between the driveways.

The Director is working with the design engineering consultant Ruckert-Mielke for the Beaver Creek streambank stabilization project from W. Brown Deer to N. 64th Street. There is an easement discrepancy that needs to be rectified with adjacent property owners. A field visit was conducted on Tuesday, March 30th 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 weeded the roundabout planter bed (middle) at Bradley & Teutonia. The crew will complete other planter bed maintenance throughout the Village next.

The DPW crew continues the mowing operation in-house (instead of contracting out) for the 2021 season and so far, so good! 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 mowed the ditch line along the south side of Calumet adjacent to Tripoli using the tractor.

STREETS & TRAFFIC: The Director is working on the contract documents and award to Stark Pavement Corp who is this year's contractor for the roadway re-paving.

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 2022 planning and cost estimates for the roadway re-paving program streets list 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. 43rd 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. 51st Street, and N. 60th Street.

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

PARKS & RECREATION: The DPW crew is mulching planter beds in Village Park and the Pond parking lot ahead of the 4th of July and Vibes concerts.