



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 23rd, 2021

GENERAL: **The Bradley/Teutonia roundabout remains closed.** 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. The concrete curb & gutter will be poured/repared on Thursday, 06/24. The asphalt removal, fine grading, and paving will occur the following week, week of June 28th.

The traffic control remains in-place for the **N. Green Bay Road/STH 57 lane closure (NB, Lane 3)**. The lane closure is in-place because there was significant damage to the Beaver Creek bridge structure underneath the roadway during the utility project which occurred in December of 2020. The structural integrity was compromised, and we need to keep traffic off the east side for safety reasons. There was initially a question of liability which has since been resolved and WE-Energies has hired a civil engineering firm to redesign the structure. The engineering firm is working with the contractor Zenith Tech who will be completing the work this summer. The plans are in the hands of the State for final review/permitting and work should hopefully begin shortly thereafter. I have been receiving periodic updates from the engineering firm as the process moves forward. I understand the inconvenience, but the lane closure must remain in-place for the safety of the traveling public. Behind the scenes the engineering firm is working diligently to design a solution for the contractor to execute.

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.

WisDOT W. Brown Deer Road/STH 100 Project

The **N. 60th Street intersection** is planned to be open by Friday, 06/25 in all directions (weather dependent). The next intersection closure is **N. 66th Street** for the colored concrete work. The N. 66th Street intersection will follow the same process as the N. 51st Street and N. 60th intersections. However, the Park Plaza portion will be built in halves to maintain access. Asphalt paving and milling is occurring in the WB direction from Arbon to 91st. During the milling & paving operation the outside lane and center lane (lane 2 & 3) will be closed in the WB direction. Milling and paving will occur through the weekend. Next week milling and paving will occur in the EB direction.

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.
- **Current Work:**
 - Asphalt milling & paving in the EB direction (center lane and outside curb lane).
 - Curb, sidewalk, ped ramp installations at all intersections in the EB direction.
 - New concrete sidewalk from N. 60th Street to N. 56th Street.
 - Intersection concrete work at N. 60th Street.
- **Upcoming Work:**
 - New sidewalk from N. 68th to N. 64th Streets (prepping and base agg.)
 - Intersection concrete work at N. 66th Street.
 - Asphalt milling & paving in the WB direction (center lane and outside curb lane).

The 2021 water main relay project will start on Tuesday, July 5th. The contractor is Mid-City Plumbing, and the work will occur as part of the coordinated project on N. 50th Street from Churchill to Dean. The water main portion of the project is expected to be complete the week of July 26th.

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) – coordinated project
- 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 is now complete in the Bradley Estates subdivision! All the mainline sewer was CIPP lined, and all the sewer lateral connections were grouted. The project was phase 1 to help eliminate inflow/infiltration from the sewer collection system. Phase 2 will be to CIPP line all the lateral pipes and the work may start this fall of 2021. Stay tuned for more information.

The month of June is the Village's turn with the Sewer TV truck (shared with Mequon & Shorewood). However, technical issues arose, and the Director coordinated repair work with the vendor. Mequon and Shorewood were involved in the discussions. The camera was picked-up for service on Wednesday, 06/23.

The crew is sawcutting around manholes in the Meadowside subdivision. Sanitary sewer and storm sewer manholes will be repaired in the neighborhood this summer.

STORMWATER: The DPW crew installed an underdrain pipe on Cloverleaf to alleviate standing water in the concrete invert ditch line. The Crew also installed a residential driveway culvert on N. 46th Street.

The Director and Mechanic met with a vendor on Wednesday, June 23rd to go over pricing for a new street sweeper. 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 and rough-cut ditching for the 2021 ditch rehab and culvert replacement project on N. 50th Street from Churchill to Dean.

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 and mulched the entryway sign at the very east end of Brown Deer Road and weeded the planter bed at the on-ramp (NB) to Green Bay Road from Brown Deer Road. The crew will continue trimming around trees on Green Bay Road north to County Line Road and weed/mulch the planter beds on the County Line Road terrace to the frontage road. This week, week of June 21st the crew was trimming/weeding along the Churchill Basin, in Badger Meter Park and at the new Library. Last week the crew weeded the roundabout planter bed (middle) at Bradley & Teutonia. The crew will complete other planter bed maintenance throughout the Village.

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.

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 project is expected to start the week of August 2nd.

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: A DPW worker replaced/repared the threshold at the exit door to the Little White School House ahead of the 4th of July celebration.