



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 1st, 2020

GENERAL: The DPW crew is working on a stockpile storage area at the Village owned outlot located in the NW quadrant of N. 55th Street and W. Beaver Creek Parkway. The crew is grading the area with stone and our asphalt contract will pave. Concrete block will be used to create formal bins and some landscaping berms will be created for screening the area. The DPW has used this location for excess mulch storage, trees, and spoils from water main breaks.

The Director is working on the State Municipal Agreements (SMAs) and the State Municipal Maintenance Agreements (SMMAs) for the two (2) WisDOT projects scheduled in 2021 and 2022, respectively. The STH 100 (W. Brown Deer Road) project is scheduled for 2021 and includes streetscaping elements (colored concrete at intersections and median plantings). The STH 57 reconstruction project is scheduled for 2022 and also includes streetscaping (colored concrete and median plantings) along with a stormwater facility located at the former Glendale Clinic.

The Director is working with the engineering consultant Ruckert-Mielke to develop a scope of services for the next phase of Beaver Creek streambank stabilization from N. 68th Street to N. 64th Street. The scope of services will be presented at the October Finance & Public Works Committee.

The Director is working with our street light maintenance contractor, Outdoor Lighting, on a 4-year contract renewal/extension to maintain the six (6) Village owned street lighting systems. The contract renewal will be presented at the October Finance & Public Works Committee.

The week of September 28th Fahrner Asphalt Sealers will be completing infrared asphalt patching around 20-total manholes throughout the Village. The DPW crew identified problematic manholes that would conflict with winter operations. The infrared asphalt patching ensures a smooth surface.

The week of September 21st the Village's concrete contractor was here working on various curb replacements, sidewalk replacements, etc. Concrete work occurred in the Brown Deer business park adjacent to catch basins that were repaired, the Original Village where a previous water main break was and on Maura/Silver Brook where a water main break occurred.

The week ending September 25th the Village's asphalt paving contractor, MJ Construction, was in the Village completing asphalt patching at various locations. Patching occurred in the Brown Deer business park adjacent to the catch basin repairs and at several water main break locations.

Work continues on W. Bradley Road between N. 60th Street and N. 51st Street. The project is joint with the City of Milwaukee. Milwaukee General Contractors is completing concrete curb, sidewalk, and ped ramp removals and replacements. The center concrete median on Bradley immediately east of 60th Street will be completely removed. Payne & Dolan is scheduled for milling (2-inch depth) and asphalt paving during mid-October.

The Water Utility water main relay along N. Sherman Blvd (south of Bradley to Calumet) is ongoing. The Utility is replacing fire hydrants, directional drilling new water services, replacing valves and abandoning redundant mains.

The demolition of the old DPW building continues. The sewer and water utilities have been abandoned and the main building structure razed. Demolition and site-work will continue this fall. The F-Street project will add apartments at the property and will be complete by fall of 2021.

On Tuesday, September 29th the Director attending a conference call with MMSD and SEWRPC to discuss some revised Beaver Creek floodplain modeling and alternatives analysis due to the naturalization of Beaver Creek from Village Park to N. Green Bay Road. The naturalization (change from concrete) resulted in a change in the floodplain modeling results.

On Thursday, October 1st the Director attended a conference call with the F-Street Group and Rinka Architects to discuss site lighting as part of the old DPW development in the Original Village.

WINTER OPERATIONS: The Director and Operations Supervisor met with a rep from Roman Electric to go over some work needed to install a new calcium chloride 3-phase, 5-HP pump near the salt dome. The pump will be used to fill trucks with calcium chloride which is used for pre-wetting the road-salt. The calcium chloride tank is 6,000 gallons and was installed this summer.

The 2020-2021 salt bid was received by WisDOT. The Village ordered 1,000-tons if guaranteed fill salt for the season with 200-tons of salt on reserve. This season's price is \$73.32/ton (last season's price was \$72.59). DPW has a reserve of 900-tons in the dome currently. We use on average 1,000 tons of salt per season.

SANITARY SEWER: A pipe fracture was discovered on Cedarburg Road after a resident reported a sinkhole. The pipe will be CIPP lined and the sinkhole filled with slurry before asphalt paving.

The Director is working on the 2020 Cured In-Place Pipe (CIPP) lining project which will take place in the Bradley Estates subdivision later this fall. All the sewer mains will be lined, and some pipes are being analyzed for capacity. The bid opening is scheduled for October 28th and the work will occur throughout the winter ending in spring of 2021.

The Sanitary Sewer Technician is currently cleaning sewer lines in Basin No. 4003 (Donges Woods Subdivision) on Carlotta.

STORMWATER: The street sweeper is running every day during the fall months on the curb and gutter roadways as per the Village's stormwater MS4 permit with the WDNR along with Village owned parking lots and porous asphalt.

The DPW crew finished catch basin repairs in the Brown Deer Business Park along Deerwood Drive and Deerbrook Trail and some catch basins in the Meadowside subdivision.

REMINDER: All culvert replacements and driveway approach paving work require 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 Village crews mowed grass at the DPW, Library, Bradley Road and Badger Meter River Park. The Village's grass mowing contractor, Fox Services, completed a full median mowing and weekly mowing at Village Hall, Fairy Chasm, and the Library.

STREETS & TRAFFIC: The Engineering Technician is working on the 2020 roadway re-paving program bidding documents and 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.

The DPW crew is filling potholes as time allows.

REFUSE AND RECYCLING: The Director submitted the annual recycling grant application to the WDNR. The Village receives approximately \$43,000 annually to help offset recycling services costs. The Village's annual recycling expenditures budget is approx. \$400,000. Recycling services include residential collection (contracted through Advanced Disposal) and the resident drop-off site located at the new DPW off of Arbon Drive. Revenue is generated through the annual \$80 recycling charge.

The DPW crew was out picking litter in the public right-of-way the week of September 21st ahead of the weekly grass mowing. Special attention was given to the main highways (i.e. Brown Deer Road, Green Bay Road, Teutonia, and Sherman).

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: No Update.