



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 15th, 2020

GENERAL: The DPW crew is working on the final ditch restoration at locations where residential driveway culverts were replaced (topsoil and hydroseed) for the year. Ditch work will conclude for the year at the end of October.

The Director completed the project specifications and bidding documents for the demolition of the former Glendale Clinic building. Bids will be opened on Wednesday, October 28th at 2pm. The Village purchased the property with funding through MMSD. MMSD is also fully funding the building demolition. The building was in the floodplain for Beaver Creek. After removal the site will be used as a stormwater wet detention basin as part of the WisDOT STH 57 reconstruction project.

The Village's stormwater proprietary structures and outfalls are being inspected by the engineering firm Ruekert Mielke who is also completing the update to the Village's stormwater management plan. Annual inspections occur to ensure contaminants are not entering the receiving waters (i.e. Beaver Creek & Southbranch Creek). This is a requirement as part of the Village's stormwater permit with the WDNR.

The Director attended a virtual videoconference via ZOOM with the other Directors from the North Shore Communities to discuss the fall 2021 American Public Works Association (APWA) Wisconsin Chapter fall conference. The conference will be held in Brown Deer and throughout the North Shore! Lots of planning will occur throughout the year. Public Works staff throughout the State will attend.

The Director is working on the DPW budget for 2021.

The Bradley Road re-paving project between N. 60th Street & N. 51st Street is substantially complete. The asphalt paving was completed week ending October 9th. Final restoration along the concrete sidewalks and ped ramps will occur before the end of October.

The Water Utility water main relay along N. Sherman Blvd (south of Bradley to Calumet) is substantially complete. All underground utility work is finished. Final concrete restoration will occur the week of October 26th. The Utility replaced fire hydrants, directional drilled new water services, replaced valves and abandoned redundant mains.

The "F-Street" apartment complex project at the old DPW site in the Original Village 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 substantially complete by fall of 2021.

WINTER OPERATIONS: The Mechanic started servicing the 5-yd trucks and setting the trucks up for winter operations. Two (2) five-yard trucks will be used for the remaining fall ditch work and set-up at the end of the month for winter.

The Director and Operations Supervisor signed a proposal from Roman Electric to complete 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 of 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 signed a contract with Visu-Sewer for the pipe lining and the work will take place the week of October 26th.

Bidding documents for the 2020 Cured In-Place Pipe (CIPP) lining project have been completed and are open to contractors as of Wednesday, October 14th. The project will CIPP line all of the sewer mainlines in the Bradley Estates subdivision during the late fall and winter months. Bids are due and will be opened on Wednesday, October 28th at 2pm.

The Sanitary Sewer Technician is currently cleaning sewer lines in Basin No. 4004 (Bradley Estates Subdivision) on N. 67th Street between Dean and Bradley.

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 is working on cleaning out the stormwater water quality proprietary devices. These structures collect debris/sediment from stormwater runoff prior to discharge into receiving waters (i.e. Beaver Creek & Southbranch Creek).

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 DPW crew is trimming bushes and completing fall clean-up in planter beds in the Original Village adjacent to the new Library, Fire Station, Seat Wall, and Zi's.

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: Payne & Dolan will be completing some hot asphalt patching (1.5" overlay) on Bradley Road between N. Cedarburg Road & N. 37th Street the week of October 26th.

The Engineering Technician continues 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 signed a proposal with Payne & Dolan to complete asphalt paving at the stockpile site located in the NW quadrant of N. 55th Street & W. Beaver Creek Parkway. The DPW created a storage pad and bins for excess mulch from the Recycling Center.

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 October 12th 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: The DPW crew repaired a damaged fence rail along the bike path adjacent to the lagoon in Village Park.