



## WEEKLY DEPARTMENTAL REPORT

**COMMITTEE:** Village Manager/Board, Finance/Public Works, Traffic/Public Safety, Beautification

**PREPARED BY:** Matthew S. Maederer, P.E., Director of Public Works/Village Engineer

**REPORT DATE:** November 10<sup>th</sup>, 2016

**GENERAL:** The Director attended the American Public Works Association (APWA) conference in Janesville last week from Wednesday, November 2<sup>nd</sup> thru Friday, November 4<sup>th</sup>. Topics included new WDNR stormwater regulations relating to total maximum daily loads (TMDLs), roadway construction practices, and public communications.

The Director attended the Village Board meeting on Monday, November 7<sup>th</sup>. The lighting district annual assessments were approved. The Village is divided into six (6) separate lighting districts in which the electrical costs and maintenance costs are assessed to the properties located within each district.

The Director attended the Finance & Public Works Committee meeting on Wednesday, November 9<sup>th</sup>. The purchase of a new 5-YD plow truck was approved. The chassis will be a Western Star purchased from Truck Country and the truck package will be assembled by Burke Truck & Equipment.

The Director attended the Traffic & Public Safety Committee meeting on Thursday, November 10<sup>th</sup>. Discussion items included the W. Fairy Chasm Road & N. 60<sup>th</sup> Street intersection pedestrian crossing, Oak Leaf Trail crossing at N. Green Bay Road, and U-turn restriction at W. Brown Deer Road/STH 100 and N. 60<sup>th</sup> Street.

The Director, Village Attorney, Village Manager, and Community Services Director attended a meeting with "Mobilitie" in regards to a R/W permit request to install two (2) 75-ft cellular poles within Village R/W located along W. Schroeder Drive adjacent to the YMCA and Holiday Inn.

The Director attended a staff meeting on Tuesday, November 8<sup>th</sup> to discuss departmental and Village activities. The main topics were related to the 2017 budget.

The Director attended a meeting with the Village Manager and Village Treasurer to discuss the sewer fund and stormwater fund accounts. No rate increases are proposed for 2017.

The DPW crew assisted with the election. Crews set-up each of the three (3) polling stations and assisted with general tasks such as machine technical support the day of voting. The crew remained until all absentee/early voting ballots were fed through the machines. The crew also assisted with tear down and clean-up the day after voting.

The Director and Engineering Technician attended a pre-construction conference with Midwest Fiber Networks and CableCOM (contractor) who will be completing a project this fall/winter to bring upgraded fiber facilities to FIS. The project will run from N. 76<sup>th</sup> Street & W. Bradley Road to N. 60<sup>th</sup> Street in the Village, crossing W. Brown Deer Road/STH 100, traversing N. 55<sup>th</sup> Street & N. 51<sup>st</sup> Street with termination at the FIS building. The facility will be installed via direction drilling trenchless technology which will minimize restoration efforts in the spring. ***Project plans are available on the DPW home page.***

The Engineering Technician is continuing to work on closing-out all of the 2016 projects, measuring final quantities, and processing pay applications to the contractors.

**CONSTRUCTION UPDATES:** Follow the 2016 construction projects on the DPW homepage by following this link <http://www.browndeerwi.org/departments/public-work/>

**W. Fairy Chasm Road Reconstruction (N. 60<sup>th</sup> Street to N. 51<sup>st</sup> Street)**

The project is substantially complete. The final pay request has been issued with 5% retainage withheld until the punch-list items have been satisfied (spring 2017).

**Park Plaza Court Reconstruction & Stormwater Management Project**

The Park Plaza Court reconstruction and re-paving portion of the project is substantially complete. The contractor, All-Ways Construction, is completing the stormwater bioretention pond work and storm sewer installation. The stormwater management segment of the project is in conjunction with the Aldi & PAK Technologies development in the former American TV site. The stormwater management addition helps the Village meet its requirements set forth in the WDNR MS4 permit. The stormwater management area is located in southwest quadrant of the former American TV site, Lot 3, which is now a Village owned parcel. The stormwater work (including landscaping) should be substantially complete now by mid-November, weather dependent.

**2016 Road Re-Paving & Ditch Rehabilitation Program**

The 2016 road re-paving & ditch rehab program is substantially complete. This year's project area included the following streets:

- N. 56<sup>th</sup> Street (from W. Donna Drive to W. Wahner Avenue)
- W. Range Avenue (from N. 57<sup>th</sup> Street to N. 56<sup>th</sup> Street)
- N. 52<sup>nd</sup> Street (from W. Churchill Lane to W. Dean Road)
- N. 54<sup>th</sup> Street (from W. Bradley Road to N. 53<sup>rd</sup> Street/W. Willow Road)
- W. Goodrich Lane (from N. 54<sup>th</sup> Street to N. 51<sup>st</sup> Street)

DPW crews will continue to monitor the ditches for grass growth and re-topsoil/re-seed as necessary in the spring of 2017.

The Engineering Technician has completed finalizing the assessments. Adjacent property owners within the project area are assessed the cost of the asphalt driveway approach paving and culvert pipe installation. Bills will go out in mid-November with full payment due by October 15<sup>th</sup>, 2017.

**TID No. 2 Roadway Lighting Improvement Project**

The street lights (old green poles) located along Bradley Road, Sherman Blvd, and Teutonia Ave are scheduled for replacement with new decorative black anodized fiberglass LED poles/fixtures. The Director and Engineering Technician met with the contractor, Outdoor Lighting, on Wednesday, October 12<sup>th</sup> for a pre-construction conference. The replacement of all 100-street lights is expected to start the week of November 14<sup>th</sup> with a completion date of December 9<sup>th</sup>.

**2016 Water Main Relay**

Project completed in mid-June. Relay occurred on N. 52<sup>nd</sup> Street (from W. Churchill Lane to W. Dean Road), N. 54<sup>th</sup> Street (from W. Bradley Road to N. 53<sup>rd</sup> Street/W. Willow Road), and W. Goodrich Lane (from N. 54<sup>th</sup> Street to N. 51<sup>st</sup> Street).

**Roof Replacement – Police Dept.**

Project completed in mid-June.

**WINTER OPERATIONS:** Early fill salt was delivered on Tuesday, October 4<sup>th</sup>. A total of 200-tons was delivered and stockpiled in the salt dome at DPW. Salt is supplied by Compass Minerals through the State DOT contract. This year's salt price is \$60.09/ton which is a 2.56% decrease from last season's (2015/2016) bid pricing.

The mechanic is working on setting-up all six (6) 5-YD plow trucks for winter operations now that the summer ditching work is complete.

**SANITARY SEWER:** The Sanitary Sewer Technician and Director are continuing to work with Signicast and MMSD in regards to their industrial pre-treatment system. We monitored the Village sewer main immediately downstream of the Signicast lateral for debris build-up. Signicast changed their pretreatment operations to eliminate total suspended solids from entering the Village sewer. Staff will be meeting with Signicast & MMSD to discuss the pilot test results and hopefully resolve the issue sometime in mid-November.

**STORMWATER:** The Stormwater Technician continues sweeping activities. As per the Village's WDNR stormwater permit all roadways are swept with extra attention given to the curb & gutter areas especially during the fall season to clear leaves from the gutter section.

The Director & Engineering Technician finished evaluating ditches/culvert pipes in conjunction with roads scheduled for re-paving in 2017. The 2017 ditch rehab areas are W. Donges Lane (from N. 67<sup>th</sup> Street to N. 60<sup>th</sup> Street) and W. Darnel Avenue (from W. Grandview Road to N. 60<sup>th</sup> Street).

**BEAUTIFICATION/FORESTRY:** The ATC clearing project entered the Village limits (just south of County Line) on Monday, October 31<sup>st</sup>. This is a large brush clearing project from Port Washington in Ozaukee County well into Milwaukee County which obviously includes Brown Deer. The ATC high tension power lines run along the Village Bike Path and Oak Leaf Trail adjacent to the RR tracks. A crew is currently clearing brush around each of the high tension towers. In about 2-weeks (mid-November) a mower will be clearing a 100-ft path (50-ft on each side). During the mowing operation the bike path will need to be closed in segments. The ATC contractor will be providing the proper barricades and DPW will provide detour signage during the closures. Once the exact dates of the closure are determined the Village will communicate the detour via social media outlets. The contractor will also be notifying Milwaukee County in advance of any bike path closures. The contractor completing the work on behalf of ATC is Nelson Tree Service.

DPW crews have marked ash trees infected with Emerald Ash Borer (EAB) with pink ribbon along with other dead/damaged trees throughout the Village. All marked trees are scheduled for removal. Removals generally occur during the winter months. All trees removed will be replanted with a species other than ash.

DPW crews are mowing down natural areas (i.e. the hardwood savanna and drainage ditches) and clearing overgrown brush from select R/W areas throughout the Village.

The Director submitted an Urban Forestry Grant (UFG) to the WDNR. The grant was for \$40,000 (\$20,000 Village participation and \$20,000 WDNR participation) to conduct a Village wide tree inventory/assessment, create a GIS mapping layer, and to treat ash trees with trunk injection chemical treatments. We will find out if the grant was successful by the end of the year.

**STREETS & TRAFFIC:** Poblocki Paving was in the Village on Monday, October 31<sup>st</sup> completing hot-mix asphalt patching at water main break locations and curb replacement/catch basin locations.

DPW crews are filling potholes with cold-patch asphalt throughout the Village maintained roadways (focusing on mains and arterials).

The Director and Engineering Technician finished evaluating roads for the 2017 re-paving program. The 2017 street paving areas are W. Donges Lane (from N. 67<sup>th</sup> Street to N. 60<sup>th</sup> Street) and W. Darnel Avenue (from W. Grandview Road to N. 60<sup>th</sup> Street).

**REFUSE AND RECYCLING:** The Recycling Center is on fall hours for the month of November. The Recycling Center is open on **Tuesdays/Thursdays from 12pm to 6pm and Saturdays from 10am to 5pm.** For further information regarding the recycling center please call the DPW office at 414.357.0120.

The Director submitted the annual recycling grant to the WDNR. The State funds approximately \$40,000 to municipalities to help offset costs for the operating recycling programs.

**Reminder: mulch is FREE to residents for pick-up during the normal Recycling Center hours of operation. Mulch is also available for delivery every Friday. Mulch orders must be placed at Village Hall before business close (4:30pm) the preceding Wednesday. Mulch is delivered at \$55/3-yards or \$65/5-yards.**

**PARKS & RECREATION:** DPW crews completed winterizing the swimming pond (i.e. draining water supply pipes) in Village Park.