



# 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:** October 19<sup>th</sup>, 2016

**GENERAL:** The Director attended the Village Board meeting on Monday, October 17<sup>th</sup>. There were no items on the agenda pertaining to DPW operations.

The Director attended the Budget Workshop meeting on Tuesday, October 18<sup>th</sup>. The 2017 DPW budget was discussed. Expenditures are remaining at the same levels as 2016. DPW also manages three (3) enterprise funds; sanitary sewer, stormwater, and recycling. No rate increases are proposed for 2017.

The Director and Engineering Technician attended the TAPCO open house event on Wednesday, October 19<sup>th</sup>. TAPCO was celebrating their 60-year anniversary. Speakers from Milwaukee County, DOT, and Federal Highways gave presentations related to the transportation industry.

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. DPW crews are currently completing street sign installations.

**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, has started 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 should be substantially complete by October 28<sup>th</sup>. The Aldi store grand opening is October 27<sup>th</sup>.

**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.

The Engineering Technician is working on finalizing the assessments. Adjacent property owners with 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 on Monday, November 7<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.

**SANITARY SEWER:** The Sanitary Sewer Technician continues performing routine televising of sewer lines throughout the Village. The month of October is Brown Deer's turn with the TV truck. The TV truck is shared and rotated monthly between the communities of Shorewood and Mequon. The Sewer Technician rates the Village's sewer pipes and notes deficiencies for future repair projects.

The stormwater technician (in addition to street sweeping activities) completed switching out 55-total sanitary sewer manhole lids which have been identified as deficient throughout the Village.

The Sanitary Sewer Technician and Director are continuing to work with Signicast and MMSD this month (October) with regards to their industrial pre-treatment system. Currently the Village is noticing an excess build-up of solids material immediately downstream of the Signicast sewer lateral. Signicast is working on ways to limit the total suspended solids load and adjusting operations during the month of October.

The Director is finalizing bidding documents for the annual cured in-place pipe (CIPP) lining project which is a rehab method for old sewer lines.

**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.

DPW crews have completed hauling out excess ditch material unsuitable for topsoil screening from the summer ditch rehab project. Crews hauled the excess fill material to several tree nurseries in Mequon.

The Director & Engineering Technician are continuing to work on 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 Director and Administrative Assistant attended the Beautification Committee meeting on Tuesday, October 11<sup>th</sup>. The landscape plans for the new BP gas station (located immediately north of Fox 6 at Deerwood Drive & Green Bay Road). Mike Davis from InSite Landscape Design, Inc. presented the plans which were unanimously approved by the committee.

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.

LaRosa Landscaping completed the annual EAB trunk injection chemical treatments in August. Select ash trees are treated every 2-years to help limit EAB spread/infestation. This year's treatment area included N. Goldendale Drive, N. Maura Lane, W. Plaza Circle, N. Bethanne Drive, and N. 67<sup>th</sup> Street.

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:** DPW crews are finishing the top-lift of roadway shouldering on N. 52<sup>nd</sup> Street, W. Goodrich Lane, and N. 54<sup>th</sup> Street in the roadway re-paving program limits.

DPW crews finished installing new street signs throughout the street re-paving program areas (i.e. N. 56<sup>th</sup> Street, W. Range Avenue, N. 52<sup>nd</sup> Street, N. 54<sup>th</sup> Street, W. Goodrich Lane, and W. Fairy Chasm Road).

The Director and Engineering Technician are continuing to evaluate 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 has switched to fall hours for the month of October. 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 hours 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.