



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 5th, 2016

GENERAL: The Director attended the Village Board meeting on Monday, October 3rd. The Director is working on developing a request for proposal for 2017 project engineering work.

The Director is reviewing the stormwater management plan (SWMP) for the new gas station development located on the parcel north of Fox 6. The SWMP must meet rules/regulations set forth by the Village, MMSD, and WDNR in terms of water quantity and quality mitigation.

The Engineering Technician is working 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. 60th Street to N. 51st Street)

The project is substantially complete. Final landscaping will occur through the rest of the week (week ending October 7th). The final remaining items include, but are not limited to, tree mulch rings, erosion control removals, miscellaneous seeding/topsoiling, mailbox reinstallation, and street sign installation.

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, will be starting the stormwater bioretention pond work and storm sewer work the week of October 10th. 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 28th. The Aldi store is expected to open on October 20th.

2016 Road Re-Paving & Ditch Rehabilitation Program

The 2016 road re-paving & ditch rehab program included the following streets:

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

All of the driveway culverts have been replaced, ditches cleaned-out, topsoiled, and hydro-seeded. DPW crews will continue to monitor the ditches for grass growth and re-topsoil/re-seed as necessary. The paving contractor, Stark Asphalt, has completed surface paving on N. 56th Street and W. Range Avenue. Binder paving is complete on N. 52nd Street, N. 54th Street, and W. Goodrich Lane. The final surface paving is scheduled for the week of October 10th.

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 will be meeting with the contractor, Outdoor Lighting, next week on Wednesday, October 12th for a pre-construction conference. The replacement of all 100-street lights will be completed before the end of the year.

2016 Water Main Relay

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

Roof Replacement – Police Dept.

Project Completed in mid-June.

WINTER OPERATIONS: Early fill salt was delivered on Tuesday, October 4th. 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 is 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 Sanitary Sewer Technician and Director are working with Signicast and MMSD 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.

The Director is working on developing 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 and construction zone areas.

Driveway permit requests must be received by DPW prior to commencing work. **REMINDER: Please contact DPW if you plan to re-pave your driveway so that an inspection of your culvert pipe can be completed.**

The Director & Engineering Technician are working on evaluating ditches/culvert pipes in conjunction with roads scheduled for re-paving in 2017.

BEAUTIFICATION/FORESTRY: 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 has completed the annual EAB trunk injection chemical treatments. 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. 67th 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 installing new street signs throughout the street re-paving program areas (i.e. N. 56th Street, W. Range Avenue, N. 52nd Street, N. 54th Street, W. Goodrich Lane, and W. Fairy Chasm Road).

The Director and Engineering Technician are evaluating roads for the 2017 re-paving program.

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: No Update.