



WEEKLY DEPARTMENTAL REPORT

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

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REPORT DATE: June 22nd, 2015

GENERAL: DPW has two (2) summer seasonal workers as of June 10th. Aaron Weichart recently graduated from Brown Deer High School and Nolan Wallenkamp is the son of the Water Utility Technician Hank Wallenkamp. Both boys will be assisting with trash pick-up within median areas and weeding planter beds throughout the Village along with data entry tasks in the Village's GIS mapping service. If you see Aaron or Nolan around please wave and/or say hi!

The Director is working on capital improvement planning (CIP) for the 2016 to 2017 borrowing cycle. Planning for the roadway improvement projects along with facility maintenance projects will be included with the budget.

CONSTRUCTION UPDATES: Follow the 2015 construction projects on the DPW homepage by following this link <http://www.browndeerwi.org/departments/public-work/>

N. 60th Street (W. Fairy Chasm Road to W. County Line Road)

Now that the utility work has been completed the roadway contractor, Michels Corporation, is mobilizing. The roadway work will include asphalt pavement pulverization, re-grading, concrete sidewalk installation, asphalt re-paving, driveway approach re-paving, and re-ditching with driveway culvert replacement. The on-site engineer for the project is Dan Pederson from SEH. The field office for the project is located 4933 W. County Line Road (Stanges). The work should be completed within 30-working days.

W. Bradley Road (N. 51st Street to N. Sherman Blvd/CTH G)

The W. Bradley Road reconstruction project is making very good progress. All the underground storm sewer work has been completed. The contractor is crushing the existing concrete pavement on-site and recycling the material for use as base aggregate. The stretch from N. 47th Street to N. Sherman Blvd. has been excavated and backfilled. The contractor is currently working between N. 47th Street and N. 51st Street. Next week the concrete curb & gutter crew should be on-site string-lining for curb alignment. The project is currently on schedule for completion at the end of August. The road remains closed to thru traffic. Please follow the detour signage and business access signage around the construction work zone. Please drive with caution when traveling through the work zone for your safety and the safety of the workers!

Badger Meter River Park

A preconstruction meeting for the project was held on Thursday, June 4th. The contractor is All-Ways construction and the construction staking is being completed by JSD professional services. The topsoil stripping should be completed this week along with herbicide/pesticide application to remove unwanted growth. Site grading should take place during the month of August with paving occurring in August. The project should be substantially complete prior to Labor Day.

WINTER OPERATIONS: The Director submitted the 2015-2016 salt bid to the Wisconsin Department of Transportation (WisDOT). Communities within Milwaukee County submit requests for road salt to WisDOT who solicits bids from various vendors. Due to the mild winter and current salt dome reserve quantity DPW was able to order less material.

SANITARY SEWER: The Sanitary Sewer Technician continues cleaning (jetting) sewer mains throughout the Village this week as per the Village's wastewater discharge permit with the WDNR. The Village operates approximately 53-miles of sanitary sewer and routine cleaning is critical to prevent blockages which lead to basement back-ups.

The new Utility Technician is busy entering in past historical data into the Village's GIS mapping software. The data helps the Director analyze past system performance and plan for future rehab projects.

The Director is working on compiling information and preparing the Capacity Management Operation Maintenance (CMOM) report to the Milwaukee Metropolitan Sewerage District (MMSD) which is due on June 30th. Also, the Village is submitting the 5-year audit plan to MMSD for review. As part of the CMOM program the Village is mandated to clean, televise, rehab, and repair the sanitary sewer collection system which is mainly funded through user fees.

Private Property Inflow/Infiltration (PPI/I) Study:

The Village's sanitary sewer private property inflow/infiltration (PPI/I) **Phase II** study started on Tuesday, May 5th and ended on Friday, June 5th. DPW received funding through the Milwaukee Metropolitan Sewerage District (MMSD) to conduct a study within the Village's sanitary sewer collection system for the purpose of locating leaks, particularly leaks in sanitary lateral pipes. As part of the study adjacent roadside ditches were flooded with green dye water and cameras were placed in the sewer collection system for the purpose of visually determining the leak locations (i.e. presence of green dye water). The location of the Phase II study area was the neighborhood bounded by N. 59th Street, N. 56th Street, W. Betty Lane, and W. Ester Place. A secondary study area was located in the neighborhood bounded by N. Cedarburg Road, W. Bradley Road, N. 37th Street, and W. Kirchoff Avenue. The contractor who completed the work was Visu-Sewer and the on-site engineer was from RA Smith National. The study was an important undertaking so that we can identify sources of inflow and infiltration and eventually plan to reduce unnecessary water from entering the sanitary sewer collection system which ultimately will prevent sanitary sewer overflows and more importantly basement back-ups. The results of the study will be presented to the Finance & Public Works Committee at future regularly scheduled meetings. The Phase I study has been posted to the DPW homepage at <http://www.browndeerwi.org/departments/public-work/>

STORMWATER: The Stormwater Technician continues street sweeping all roadways throughout the Village. All Village roadways will be swept at least once throughout the month of June. As per the Village's WDNR stormwater permit all roadways are swept with extra attention given to the curb & gutter areas.

The Director submitted the Village's annual stormwater report as per the Village's NR 216 stormwater permit with the Wisconsin Department of Natural Resources. Because the Village is an owner & operator of a MS4 system an annual report is required to be submitted to the WDNR before April 30th each year. Also, the Director submitted the Village's annual stormwater report to the Milwaukee Metropolitan Sewerage District (MMSD) as required by the District's Chapter 13 rules & regulations. Because the Village is within MMSD's service area an annual stormwater report is required to be submitted in addition to the annual WDNR NR 216 stormwater report.

DPW crews have installed ten (10) new driveway culverts to-date for various residents who pulled driveway & culvert permits. DPW crews remove & replace aging culvert pipes prior to residential driveway paving. **Please contact DPW if you plan to re-pave your driveway so that an inspection of your culvert pipe can be completed.**

DPW crews are working on completing the re-ditching project on W. Glenbrook Road (from N. 67th Street to N. 65th Street) and on W. Carolann Drive (from N. 67th Street to N. Bethanne Drive). Brown Deer Lawn Service personnel are assisting DPW with the topsoil placement/spreading.

BEAUTIFICATION/FORESTRY: DPW summer workers (2-total) are working on picking debris/litter from median areas along with weeding & spreading mulch in planter beds throughout the Village.

Fox Services was in the Village last week mowing grass & line-trimming all median and right-of-way areas maintained by the Village according to the official turf management maps.

Natural Landscapes, Inc. was in the Village maintaining the “natural” areas. Natural areas include:

- Rain gardens in the parking lot at Village Hall
- N. 51st Street drainage way
- Beaver Creek between W. Brown Deer Road & N. 60th Street
- W. Floral Lane rain gardens
- Original Village detention ponds
- Library stormwater basin

STREETS & TRAFFIC: DPW assisted the Water Dept. with roadway patching in the locations of the winter water main breaks. Additionally, the Operations Supervisor marked out roadway areas throughout the Village for hot mix asphalt overlay patching. The Village contracts with Rodriguez Construction for hot mix asphalt repairs. Hot mix is used in lieu of cold patch for large surface asphalt repairs.

The Operations Supervisor marked out concrete curb & gutter replacement areas along with select sidewalk replacement areas throughout the Village. DPW contracts with TP concrete for repair work which corrects sever cracked slabs and or heaving which affects drainage conveyance in curb lines. This year concrete repairs are expected to occur during the month of June.

REFUSE AND RECYCLING: The Director met with a representative from the Wisconsin Department of Natural Resources (WDNR) to discuss the Village’s recycling program annual audit. The Village’s recycling program and recycling drop-off center were reviewed to ensure WDNR requirements are met in order for the Village to continue receiving grant funding. The Village received very good scores for the recycling center operation!

The DPW recycling center has new and fresh mulch! The tub-grinder was grinding brush and making mulch on Monday, June 30th. Two (2) DPW works assisted with the tub-grinding operation using the front-end loader and excavator.

The Recycling Center remains on summer hours for the months of June, July, August, and September. The Recycling Center is open on **Tuesdays & Thursdays from 12pm to 8pm and on Saturdays from 10am to 5pm. Please note that the Recycling Center will be closed on Saturday, July 4th due to the holiday.** For further information regarding the recycling center hours please call the DPW office at 414.357.0120.

PARKS & RECREATION: Crews assisted with the opening preparation work at the Village swimming pond. DPW crews assisted with the set-up for the Community Vibes concert and will also be assisting with the July 4th celebration set-up at Village Park.