



MONTHLY 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: August 26th, 2015

GENERAL: The Director has been involved with the major roadway construction projects (i.e. Bradley & 60th) along with the new Badger Meter River Park project.

The Director attended the Finance & Public Works Committee meeting on Wednesday, August 5th. Three (3) items were on the agenda for approval. The sanitary sewer CIPP lining project contract award to Terra Engineering & Construction Corp. was recommended to the board for approval along with the engineering contract amendments to Ayres Associates for professional design services for the W. Fairy Chasm Road reconstruction project and the Park Plaza/American TV (former) stormwater/road rehab project. Details concerning the W. Fairy Chasm Road reconstruction project will be available later in the year (2015).

The Director attended the Village Board meetings on Monday, August 3rd and Monday, August 17th. All of the Finance & Public Works items listed above were approved by the Board. Updates to the DPW feasibility study were also presented to the Board for information only.

The Director prepared the contracts for the CIPP lining project which was awarded to Terra Engineering & Construction Corp. The project will likely start in mid-to-late September. The contract ends in March of 2016.

Feasibility Study Update: A Public Information Meeting (PIM) will be held on Tuesday, August 26th from 5pm to 7pm at the Tom & Lois Dolan Community Center. Also, a DPW “open house” is scheduled for Saturday, September 12th from 10am to 5pm at the DPW complex in the Original Village. The open house hours mirror the Recycling Center hours of operation. Staff will be available to give guided tours during the open house.

The feasibility study outcome determined major facility deficiencies at the existing DPW complex in the Original Village. The options are either to invest money for repairs at the existing 1966 facility or relocate the DPW complex and build a new facility at vacant land adjacent to Village Hall. Residents are encouraged to come and find out more information at both the PIM and open house. Updates will also be presented to the Village Board at the regularly scheduled Monday Board meetings during the months of September and October.

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)

N. 60th Street is now OPEN to thru traffic! The asphalt was placed during the middle of August. All of the pavement markings and regulatory signage was also installed. DPW crews have completed all of the resident mailbox installations. The roadside ditches were topsoiled, seeded, and matted. The grass is starting to grow and residents are encouraged to water the newly seeded areas adjacent to their yards as needed. The Director walked the job-site with the WisDOT and on-site consulting engineers to develop a “punch list” or outstanding work list which needs to be completed by the contractor prior to closing out the job. The punch-list items include, but are not limited to, drainage

modifications/improvements adjacent to the Church, sidewalk and asphalt driveway approach paving in the SE quadrant of W. County Line & N. 60th Street, corner asphalt slope paving to prevent wash-outs at the cross culvert locations, etc. The punch-list items will be completed over the next several weeks.

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

Bradley Road asphalt paving will begin on Friday, August 8th (weather dependent). The binder course asphalt will be placed first. During the paving operation the intersection of N. Sherman Blvd/CTH G & Bradley will be milled. On Saturday, August 29th the Sherman intersection will be rubblized along with paving the remainder of the Bradley binder course. On Monday, August 31st into Tuesday, September 1st the final surface course asphalt pavement will be placed. The schedule noted is flexible based on weather and contractor delays. However, it is expected that the road will be OPEN to thru traffic by the end of the day on Tuesday, 09/01. During the paving and milling operations the intersection of N. Sherman Blvd/CTH G & Bradley will be CLOSED. Appropriate detour signage will be in-place prior to the closure directing traffic to Teutonia. Pavement marking will occur shortly after the paving operation is complete. The drainage ditch between Bradley & Willow has been topsoiled and seeded. The “armor flex” has also been installed at both the north and south inlet/outlet ends. Additional drainage ditch work includes rock ditch check installations. The Bradley Road punch list items will be developed and completed during the month of September. The construction contract ends September 30th.

Badger Meter River Park

The contractor, All-Ways Contractors, Inc., has completed the stone base for the new paths and parking lot within the park boundary. The contractor has also completed all of the new underground piping for the new stormwater management facility (i.e. bioretention device). General site grading and topsoil removal/stockpiling have been completed. All-Ways Contractors is installing the new park roadway connection to N. Kildeer Court. A new culvert pipe is being installed adjacent to N. Kildeer Court. Lemberg Electric is installing a new park “identification” sign along W. Brown Deer Road/STH 100 at about the mid-point of the park property. The contractor is spreading all of the salvaged topsoil on the site preparing the site for restoration (i.e. tree/shrub planting and seeding). Asphalt path and parking lot paving is expected to occur the week of August 31st into the week of September 7th. The new kayak launch is scheduled for installation the week of September 7th. Stay tuned for the “ribbon cutting” date/time/details! (expected mid-September)

WINTER OPERATIONS: The 2015/2016 road salt bid was received from the Wisconsin Department of Transportation (WisDOT). The salt unit price is \$61.36 per ton which is up from \$60.36 per ton for the 2014/2015 season. The Village was able to order less salt due to the “light” winter last year and due to the current salt dome reserves. The “early fill” salt was ordered prior to the August 14th deadline. 200-ton of salt was ordered which fills the remaining capacity in the salt dome.

SANITARY SEWER: The Sanitary Sewer Technician had an emergency basement back-up call on Monday, August 10th. The cause of the back-up was due to a recently installed WE-Energies power pole which damaged the adjacent sewer main pipeline. The Sanitary Sewer Technician responded to the call after hours and successfully relieved the blockage in the main. The Director coordinated with WE-Energies regarding the power pole placement and also scheduled an emergency repair which was completed by Visu-Sewer. The pipeline was lined using cured in-place pipe (CIPP) which repaired the damage caused by the adjacent power pole. The repaired line was located between the new Bradley Village apartments and W. Woodale Avenue. The repair work was completed on Friday, August 14th.

The contract was awarded for the CIPP lining project to Terra Engineering & Construction Corporation. CIPP lining (cured in-place pipe lining) is a trenchless sewer pipe rehabilitation which repairs leaky and structurally deficient sewer mains throughout the Village. The work will likely begin in mid-to-late September and extend through the fall and winter months. The contract ends in March of 2016.

DPW crews will begin manhole chimney repairs ahead of the 2016 roadway re-paving program. Crews will start rebuilding manholes in N. Arbron Drive between W. Green Brook Drive & W. Brown Deer Road. Crews will then move to N. 56th Street between W. Donna Drive & W. Betty Lane followed by W. Fairy Chasm Road between N. 60th Street & N. 51st Street.

STORMWATER: The Stormwater Technician continues street sweeping all roadways throughout the Village during the summer months. 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.

DPW crews will begin catch-basin and manhole repairs ahead of the 2016 roadway re-paving program. Crews will start rebuilding catch-basins and manholes in N. Arbron Drive between W. Green Brook Drive & W. Brown Deer Road. Crews will then move to N. 56th Street between W. Donna Drive & W. Betty Lane followed by W. Fairy Chasm Road between N. 60th Street & N. 51st Street.

DPW crews have installed twelve (12) 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.**

BEAUTIFICATION/FORESTRY: DPW said goodbye to the two (2) season summer works on Friday, August 17th as they were leaving for college. Both workers contributed greatly to keeping Brown Deer beautiful! The workers main areas of focus were debris/litter collection in the main thoroughfare medians along W. Brown Deer Road, N. Green Bay Road, N. Sherman Blvd, and N. Teutonia Avenue. The workers also assisted with weeding and grass cutting throughout the Village. We hope they return next year! Thanks Nolan and Aaron!

Fox Services, the Village's turf management contractor, is in the Village on a bi-weekly basis mowing grass & line-trimming all median and right-of-way areas maintained by the Village according to the official turf management maps. Fox Services has also been actively trimming and weeding median planter beds and bushes/shrubs.

Natural Landscapes, Inc. will be in the Village maintaining the "natural" areas (3rd round). 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

The Director and Administrative Assistant attended the Beautification Committee meeting on Tuesday, August 11th. The 3rd and final round of awards was determined so keep your eyes open for the sign in the winners' beautiful yards!

Please note that the end-of-season Beautification Awards Recognition banquet will take place on September 15th at the Tom & Lois Dolan Community Center from 7pm to 8:30pm. All are welcome to attend this event and see the beautiful yards in Brown Deer!

STREETS & TRAFFIC: The Village's concrete contractor, TP Concrete, Inc., was in the Village the week of August 17th repairing several deficient concrete sidewalk sections along with damaged concrete curb & gutter areas throughout the Village. DPW contracts with TP Concrete annually for repair work which corrects severe cracked slabs and or heaving which affects drainage conveyance in curb lines.

The Village's asphalt contractor, Rodriguez Construction, was in the Village the week of August 17th completing slope paving and corner paving in the areas of last year's (2015) re-paving program. Slope paving and corner paving is completed to prevent wash-outs and to hold/secure the cross culvert pipes. Rodriguez also completed some miscellaneous hot-patching throughout the Village.

Crowley Construction Corp. will be in the Village starting the week of August 31st into mid-September refreshing all of the existing roadway & Village owned parking lot pavement markings. Work will begin the "long-lines" and progress to stop-bars, crosswalks, parking stalls, etc. Pavement marking refreshing is completed annually during the summer months. All work will take place during the overnight hours (3rd shift) so as to limit traffic flow disturbance. Minor traffic control and lane closures may be present during the re-paving process.

REFUSE AND RECYCLING: The Recycling Center remains on summer hours for the months of August and September. The Recycling Center is open on **Tuesdays & Thursdays from 12pm to 8pm and on Saturdays from 10am to 5pm.** For further information regarding the recycling center hours please call the DPW office at 414.357.0120.

DPW has a fresh supply of mulch! The brush pile was mulched on Wednesday, August 26th. DPW tried out a new contractor with a larger and more efficient tub-grinder. The overall grinding process was cut in half (4-hours) which saved crew time and money. The end mulch product is high quality and similar to the existing mulch available at the Recycling Center. **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: Crews have assisted with the set-up and tear-down of the Community Vibes events throughout the summer. The last Vibes event was held on Wednesday, August 19th. DPW crews will also assist with the Pond closing tasks at the end of August.