



WEEKLY DEPARTMENTAL REPORT

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

PREPARED BY: Matthew S. Maederer, PE, Director of Public Works/Village Engineer

REPORT DATE: March 23rd, 2017

GENERAL: The Director & Engineering Technician attended the Village Board meeting on Monday, March 20th. A total of four (4) items were on the agenda for approval which came with recommendation from the Finance & Public Works Committee. Items included updates to the Driveway Approach Ordinance, updates to the Ditching Policy, the Cost Sharing Memorandum of Understanding (MOU) with the City of Milwaukee for the W. Bradley Road re-paving project (N. 76th Street to N. 66th Street), and the Agreement with Wachtel Tree Science & Service for the Urban Forestry Grant (UFG) activities. Additionally, the lead project engineer, Marc Hilliard, PE, was in attendance from Milwaukee County to present different options for the N. Teutonia Avenue/CTH D & W. Bradley Road intersection reconstruction. Two (2) of the options include roundabout alternatives (either a 3-leg or 4-leg). Other options include signal upgrades and geometry revisions with signal modifications. The County is planning to rehabilitate N. Teutonia Avenue/CTH D from W. Good Hope Road/CTH PP to W. Bradley Road in the summer of 2018. The intersection reconstruction will be a part of the overall project. Future Public Informational Meetings (PIMs) will be held this summer.

The Director, Engineering Technician, and Community Development Director met with the Water Utility Engineer and Fire Chief to discuss the County's plans for the N. Teutonia Avenue/CTH D & W. Bradley Road intersection reconstruction as it relates to utility relocations, fire access, and fire protection for Hanson Storage. Possible utility relocations will be investigated ahead of the County proceeding with a selected alternative. Any utility relocations would occur prior to roadway reconstruction in the spring of 2018.

CONSTRUCTION 2017 PROJECTS:

The Director and Engineering Technician finalizing project planning, plans production, and bid document preparation for the 2017 construction season. The 2017 construction projects are as follows:

Roadway Re-Paving Program

W. Donges Lane (from N. 67th Street to N. 60th Street)

W. Darnel Avenue (from N. Grandview Drive to N. 60th Street)

N. 51st Street (from W. Dean Road to W. Wahner Avenue)

- Project Plans & Bidding Documents are available at the AE Graphics online plan-room.
- Bid Opening has been moved to Thursday, April 13th.

Ditch Rehabilitation & Culvert Replacement Program

W. Donges Lane (from N. 67th Street to N. 60th Street)

W. Darnel Avenue (from N. Grandview Drive to N. 60th Street)

- Public Information Meeting (PIM) will be held in April
- Public Hearing will be held in May

2017 Water Main Relay

N. 51st Street (from W. Dean Road to W. Wahner Avenue)

- Project Plans & Bidding Documents are available at the AE Graphics online plan-room
- Bid Opening has been moved to Thursday, March 23rd.

2017 Sanitary Sewer CIPP Lining Project

Cured In-Place Pipe (CIPP) Lining/Rehabilitation at the following locations:

1. N. 51st Street (Dean to Brown Deer Road)
2. W. Brown Deer Road (N. 51st Street to N. Deerbrook Trail)
3. W. River Lane (N. Deerbrook Trail to N. 43rd Street)
4. N. 43rd Street (W. River Lane to the N. Deerwood Drive easement)
 - Project Plans & Bidding Documents will be available on Thursday, March 30th.
 - Bid Opening is on Thursday, April 13th.

Coordinated Project

W. Bradley Road (from N. 76th Street to N. 66th Street)

- Roadway Re-Paving
- Schedule TBD
- *in conjunction with the City of Milwaukee (lead agency)*

The above projects are subject to change after the bid openings. A final project list with plans and schedules will be posted to the DPW homepage in April.

Utility Project – Midwest Fiber Networks

CableCOM (contractor) has substantially completed a project bringing upgraded fiber optic facilities to FIS. **Project plans are available on the DPW home page at <http://www.browndeerwi.org/departments/public-work/>.** Restoration will occur during the spring months (April/May).

WINTER OPERATIONS: Crews washed trucks after the winter storm event last week. The mechanic started preparation of the trucks for spring/summer operations.

SANITARY SEWER: Visu-Sewer was in the Village on Monday and Tuesday (March 20th and March 21st) cleaning (jetting & vacuuming) the sanitary sewer main downstream of the Signicast plant on N. 55th Street, W. Beaver Creek Parkway, and N. 51st Street to remove excess solids build-up. The Director and MMSD staff continue reviewing the Compliance & Plan of Action from Signicast related to their process sewer discharge. The Sanitary Sewer Technician previously noticed a build-up of material from the Signicast plant in the sewerage collection system during routine televising in the month of February. Signicast is under an industrial wastewater discharge permit with MMSD.

The Director, Sanitary Sewer Technician, and Engineering Technician started working on specifications for the 2017 cured in-place pipe (CIPP) lining project. This year's project will rehab sewer at the following locations:

- N. 51st Street (Dean to Brown Deer Road)
- W. Brown Deer Road (N. 51st Street to N. Deerbrook Trail)
- W. River Lane (N. Deerbrook Trail to N. 43rd Street)
- N. 43rd Street (W. River Lane to the N. Deerwood Drive easement)

The Sanitary Sewer Technician continues working on entering historical data (i.e. manhole reports, pipe rating reports, photos, and inspection reports) to the Village's GIS.

STORMWATER: The Director dropped off a driveway and culvert replacement permit. **REMINDER:** all culvert replacements and driveway approach paving work requires a permit. Culvert replacements are completed in-house by DPW crews ahead of the residential driveway approach paving. Please contact the DPW office for more information.

The Administrative Assistant sent out the 2016 culvert assessment final invoices. Payment is due by October 15th, 2017.

BEAUTIFICATION/FORESTRY: Crews removed ash trees with EAB on N. 51st Street between W. Dean Road and W. Wahner Avenue. The removed trees will be replanted with a species other than ash (Chanticleer Pears) in the spring (after April 15th).

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.

STREETS & TRAFFIC: DPW crews filled potholes at various locations throughout the Village with cold patch asphalt during the week of March 20th.

REFUSE AND RECYCLING: The Recycling Center remains on winter hours during the month of March. The Recycling Center is open on **Saturdays from 10am to 5pm**. For further information regarding the recycling center please call the DPW office at 414.357.0120.

PARKS & RECREATION: DPW crews spread new playground mulch at the Fairy Chasm Park & Village Park playgrounds.