

VILLAGE OF ELM GROVE

13600 Juneau Boulevard
Elm Grove, WI 53122

PUBLIC WORKS UTILITIES COMMITTEE

Monday, June 20, 2016 * 6:30 PM * Park View Room

AGENDA

1. Call Meeting to Order

Documents: [PWUC Memo 6-20-16.pdf](#)

2. Review and act on minutes from April 18th, 2016

Documents: [PW41816md.pdf](#)

3. Update on Watertown Plank Road Bridge Replacement Project

4. Update on Underwood Interceptor Project

5. Update on Berkshire Pathway

6. Discussion and possible recommendation to divert monies from paving budget to cover traffic signal box repair/upgrade and related power needs

Documents: [RFQ Bob D Downtown Lighting and Signals 6-8-16.pdf](#)

7. Update on Public Works Projects

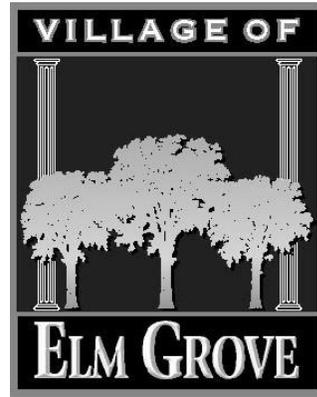
8. Other Business

9. Adjourn

Any person who has a qualifying disability as defined by the Americans with Disabilities Act who requires that the meeting or materials for the meeting has to be in an accessible location or format must contact the Village Clerk, Mary S. Stredni, at 262-782-6700 or 13600 Juneau Boulevard by 3:00 PM Friday prior to the meeting so that any necessary arrangements can be made to accommodate your request.

NOTICE: It is possible that members of, and possibly a quorum of, other governmental bodies of the Village may be in attendance at the above stated meeting to gather information. No action will be taken by any governmental body at the above stated meeting other than the governmental body

specifically referred to in the above notice.



Memo

To: Public Works/Utilities Committee
From: David De Angelis, Village Manager, Richard Paul Jr., Public Works Director
Date: June 20, 2016
Re: Public Works Agenda October Meeting

Item 3: Update Watertown Plank Road Bridge Project

As all are aware, the bridge project with road closure was scheduled to start 6/20/16, but has been pushed back to 6/27/16 the following week. That being said, all utilities have relocated their lines, or will have them to a phase of completion where agreed. There may be temporary traffic signal outage as temporary power is being supplied to the signals at Watertown Plank Rd and Elm Grove Rd. The Village will be setting up a Trucking/Bus Route to avoid tight turns and overloaded vehicles from using Elm Grove Rd north of WTPLK (Cave Rd). Additionally the railroad will look at starting their crossing reconstruction at some point during the week as well.

Item 4: Update on Underwood Interceptor Project

The interceptor installation and operation is complete. Restoration has been completed since early May, though Advanced Construction will be back to address some shouldering and drainage issues. The pathway will remain in stone until later this season when the City of Brookfield will incorporate that paving with their larger paving projects. Final wiring and work is underway by Outdoor Lighting and should be completed by the end of the week of 6/20/16 or sooner at which point all loops and detection should be back up and running.

Item 5: Update on Berkshire Pathway

Payne & Dolan is scheduled to begin pathway construction on or about June 23rd, 2016. Adjacent residents and the Pilgrim Park Middle School have been notified. Forestry and DPW have done final brushing as needed and installed the silt fence to protect the wetland designation.

Item 6: Discussion and possible recommendation to divert monies from paving budget to cover traffic signal box repair/upgrade and related power needs

As we have been preparing for the bridge replacement project, we have been finding deteriorated wiring and conduits in areas of the work site. Since the need to repair these items and internal components in the control boxes, it would be beneficial to do the work while the road is closed and construction is already under way. If we don't address this now there may be more costly repairs and inconveniences at inopportune times in the very near future. The specifications are attached as provided by TES. We are awaiting the quote for this work.

If you have any questions prior to Monday's meeting please do not hesitate to call.

**PUBLIC WORKS/UTILITIES (PWUC) COMMITTEE
MEETING MINUTES
Monday, April 18th, 2016 6:30 p.m., Park View Room**

1. Roll call.

Meeting was called to order at 6:33 pm by Mr. Kressin

Present: Mr. Kressin, Mr. Haas, Mr. Harley, Mr. Coons and Mr. Jacobsen.

Absent: Mr. Domaszek, Mr. Casperson

Also Present: Mr. De Angelis, Mr. Paul Jr

2. Review and act on Minutes from February 15th, 2016

Mr. Jacobsen moved and Mr. Coons seconded to approve the February 15th, 2016 minutes as written. Motion carried 5-0.

3. Update on Underwood Creek Interceptor Project

Mr. Paul informed the committee that the pipe has been installed and bypass pumping has been removed. The line is operational and restoration is soon to begin. Mr. Paul has been in meetings with Brookfield to discuss the pavement repair/replacement needs and there is a tentative meeting set up with Advanced Construction and Payne and Dolan the week of April 18th, 2016 to confer on the pavement restoration.

Additionally, due to the damage of the traffic signal loop west of the intersection, coordination is underway with Outdoor Lighting and the Payne & Dolan to make the repair.

4. Update on Watertown Plank Road Bridge Replacement Project

Mr. De Angelis updated the committee on the issues the Village has run into with ATT's fiber line that runs through the bridge. The Village's attorney and ATT's legal counsel have been in contact to resolve the issues with extra cost for the bridge contractor to complete the project. The complications arise with performing the project with the lines in place as opposed to the relocation which was expected. Currently the Village is awaiting a final schedule from the contractor once the details of the ATT fiber cable work is in place. Currently the engineering department and contractor agree to process, but the process is held up by the attorney discussion.

There has been a discussion to have 24/7 surveillance on the project utilizing a stationary camera mounted to an adjacent building.

The project is still tentatively scheduled with a start date in late June and wrap up by Sept. 1, 2016.

5. Discussion and possible action on adding language to Public Way Disturbance Permit specifically regarding directional boring.

Mr. Paul informed the committee that on Wednesday, April 6th, 2016 a directional boring contractor installed a conduit via a directional boring procedure. On Friday, April 8th, 2016, two sanitary sewer back-ups occurred along Elm Grove Rd due to damage to the sanitary main near the intersection of Watertown Plank Rd and Elm Grove Rd. DPW crews had to set up a bypass pump over the weekend and Mid City Plumbing made the repair on Monday. This could have been avoided had the contractor done a better job of locating the utilities and then checked the adjacent sewers after the installation was complete.

When Mid City was making the repair, they found the adjacent storm sewer to have a Time Warner Cable line punched through the pipe as well. As a result, the committee discussed the need for having language in the Public Way Disturbance Permit requiring contractors to televise any sanitary or storm sewers in their project area and submit a copy to DPW to ensure there are no compromised Village owned utilities both before and after their project is done.

After some discussion, Mr. Jacobsen moved to amend the current Public Way Disturbance Permit and application to include language on any contractor utilizing directional boring as a means to complete a project to televise and submit video to the Village prior to and after their work is complete to ensure no damage had been done to the Village's infrastructure. Mr. Coons seconded to approve and the motion was passed 5-0.

6. Update on Public Works Projects

Mr. Paul informed the committee that the DPW has hired Mike Eder for the DPW Laborer position and will be starting on May 3rd, 2016. He is currently employed by the City of Waukesha Forestry Department and also is a night time Village of Elm Grove Fire Fighter.

Mr. Paul also informed the committee that the Berkshire Pathway paving is still on hold due to weather and wet soil conditions but has been in contact with Payne and Dolan a couple weeks prior to get the work in queue.

Mr. De Angelis informed the committee that Asplundh (WE Energies forestry contractor) has been working on clearing around the Feeder line that comes from Brookfield into the western section of Elm Grove.

9. Other business

Mr., Kressin asked Mr. De Angelis about the status of the request from Dave Spano of the Annex Wealth Management Company to connect their parking lot to the South Facility lot to free up space in their lot which has caused some congestion since the DOT removed the existing cross over access for east bound Bluemound Rd traffic to access the South Facility parking lot. Mr. De Angelis is in process with this discussion.

10. Adjourn.

Mr. Jacobsen moved and Mr. Coons seconded to adjourn. Motion carried 5-0. Meeting adjourned at 7:04 pm.

Respectfully Submitted,

Richard Paul, Jr.
Public Works Director



**TRAFFIC
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SERVICES, INC.**

13545 Watertown Plank Road • Elm Grove, WI 53122 • (262) 797-9097 • Fax (262) 797-9098 • www.tes.info

May 20, 2016

June 8, 2016 **Revisions are in bold with deletions in strike-out.**

Bob Dlugopolski
Outdoor Lighting Construction Company, Inc.
8628 Calumet St
Milwaukee, WI 53224

RE: Village of Elm Grove Downton Watertown Plank Road

Your quotation for each of the following work is hereby requested:

The schedule is for work to be completed for electric service change over by June 20 anticipated bridge reconstruction start date.

1. Watertown Plank Rd and Elm Grove Rd New Electric service ordered by Village for traffic signals and street lighting Goal is for this service is to feed lighting west of railroad tracks **in new cabinet attached to west side of controller cabinet and provide new service for the controller cabinet.**

Furnish and install meter breaker pedestal with new cabinet attached on ~~north~~ **west** side of traffic signal controller cabinet with breakers, street lighting control panel with PEC, terminals, contactors and switch (auto/off/on), lighting and service required cable,. Extend **electric service** power to traffic signal cabinet. Disconnect existing electrical service cables **from Legion Dr cabinet**. Extend street lighting with conduit from new cabinet to pull box and cable. **This will establish lighting system west of the bridge. Also add two 30Amp circuit breakers in the lighting control cabinet to power the bridge out lets. Add a time clock to switch the two circuits. Extend one circuit with #10 XLP plus common and ground to each side of the bridge see #5.**

The existing cabinet has no visible short damage to the back panel. This cabinet was replaced after a vehicle struck it and will remain in service. Rick Kline was not aware of any backpanel damage so therefore no other work is required here.

2. Watertown Plank Rd and Legion Drive Replace existing cabinet **install with** Village furnished EPAC controller and contractor furnished "P" size cabinet. EVP equipment shall be moved to the new cabinet. New panel with equivalent new relay and terminals for preemption or move existing railroad preemption equipment to new cabinet. Provide Old cabinet is to **be picked up by the Village DPW staff or contractor retained. Provide a line item credit for contractor to keep cabinet.** Railroad will come to test the operation after you have completed it. Villager will coordinate. No other modifications are required by railroad. No vehicle detectors are required in new cabinet.

Two countdown 16" LED signals **and mounting hardware** are needed to add a crosswalk east of the railroad tracks. **A pedestrian signal on near right southbound and far right southbound poles as directed by DPW.** Cable may be needed to accomplish this on existing signal poles. **Lighting control panel in this cabinet is to be abandoned. Its function currently is to serve all street lights west of the railroad track.**

Three street lights will require power from the existing lighting control center on the northeast corner of Legion Drive and Watertown Plank Road; they are on westbound near right signal post, eastbound near right signal post and south side between bridge and railroad tracks



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3. Hard wire interconnect with twisted shielded cable minimum 7 conductor is desired to be pulled in place of current electric service cable from Legion Drive to Elm Grove Rd. This will require interconnect panel in each cabinet and Elm Grove road to be master unit for time of day coordination.
4. Add Luminaire at Legion Drive and Watertown Plank Rd The near right traffic signal for southbound traffic is the **location where unit was previously install** a Village furnished post top LED luminaire. Cable is required for service to **the pole. Previous power was terminated in the adjacent pull box and will now have to come** from the street lighting control center on northeast corner with the other lights noted in #2 above.
5. A new street light is to be installed on the north side of Watertown Plank Road just west of the bridge. There also are electrical outlets planned for in the columns on the bridge. Service to street light and outlets is needed. Install pull boxes in the terrace just west of the new bridge approach on Watertown Plank Road and extend 2" schedule 80 PVC between them with electric cable to serve outlets and new lighting unit. This is to be served from the street lighting control cabinet at Elm Grove Road through the old serve conduit along with interconnect cable.

~~There may be~~ **Any further** questions you have ~~and~~ Richard and I will be available to meet with you **in person or by phone**. We will also layout new equipment locations for you in the field.

Wayne R. Higgins 414 617-6800 or 262 797-9097 new office is at 13545 Watertown Plank Road
& Richard Paul, Jr 262 780-6643