

PUBLIC WORKS & HIGHWAY COMMITTEE MEETING MINUTES

November 5, 2013
Village Hall Board Room

CALL: Chm. Ewert called the meeting to order at 5:00 p.m.

ROLL CALL: Chm. Ewert, Trustee Members Zabel, Vanderheiden, and Kaminski. Also present were Dir. Ludwig, Engr. Bischke, and Secretary Wick.

PREVIOUS MINUTES:

MOTION made by Kaminski, seconded by Zabel to approve the minutes of October 1, 2013.

Motion carried unanimously.

PUBLIC COMMENT: None.

SHALLOW WELL INVESTIGATION - UPDATE: Greg Bolin, Water Supply Engineering Manager of Foth Infrastructure & Environment, LLC, updated the Committee on the Shallow Well Investigation. The exploration program approved by Village Board at its April 16, 2013 meeting included identifying and locating sites that had the best potential for a productive municipal well in the sand and gravel aquifer, or in the upper limestone aquifer. Advantages included economic, water quality, and long term cost and operation maintenance. Mr. Bolin further explained the exploration program consisted of two phases. The first phase was a geologic reconnaissance and contaminant source inventory and has been completed. The second phase is surface geophysical surveys. The first phase results identified three potential locations which appeared favorable for additional exploration under Phase 2 of the exploration program. General locations identified included:

1. Northwest of the intersection of Lovers Land and Mary Buth Lane;
2. Lannon Road, between Appleton Avenue and 1,500 feet to the northeast;
3. Lands northeast of the intersection of Lannon Road and Highway Q;

Committee discussion included:

- A water main sits approximately ½ mile from the lands northeast of the Lannon/Highway Q intersection;
- Wouldn't it be better to have the shallow well in a location where future development was more likely? Mr. Bolin stated it wasn't always the case. Best sites hydro-geologically and environmentally are not always next to future development;
- If the Village was looking for a Well site 25-50 years from now, it would be in the Village's best interest to get the rights to the potential property;
- All property in the northwest corner and southwest corner of the Lannon Road Park and Ride lot was owned by the WDOT;
- In the process of this project even if you don't need a Well now, sites should be proven and acquired and well head protected so you have them when you need them.

In closing, Mr. Bolin recommended proceeding with Phase 2 of the program. This included surface geophysical survey work which would pinpoint optimum locations for drilling a test well in the upper limestone aquifer. This work would be weather dependent.

SYLVAN CIRCLE STORMWATER RELIEF: Dir. Ludwig provided additional information to the Committee regarding stormwater relief along Sylvan Circle where localized flooding had occurred since the 1980's. An aerial site map showed the location of the existing storm sewer as it cut diagonally across the parking lot of the affected property on Sylvan Circle. Staff had excavated an area on top of the existing pipe which showed the pipe in fairly good condition. The interior of the pipe was full of water. In order to get equipment in the area, the pipe was dewatered continually for hours and water continued to flow. Next, staff will go to the outlet of the pipe and try to put a modified plastic pipe between the outlet of the existing system and the inlet of the next system 20'-30' to the southeast. A visual inspection would then be done from the cleanout area back to the inlets. A proposed improvement would be to abandon the southerly 180' of pipe and relay 240' to the east side of the old Fond du Lac right of way or to the retention basin's banks. A cleanout manhole would be placed in the lawn area where a new pipe connected to an existing pipe.

The opinion of the Village Attorney noted if either a storm sewer drained a Village roadway, or was located in the Village right of way, it was then the Village's utility.

Improvement costs would be available at a future Public Works meeting. Funding the utility repair could be achieved through Village funds, Special Assessment to all parties receiving benefits from the improvement, or a combination of both.

FULL WATER RATE STUDY - DISCUSSION: Dir. Ludwig stated the Public Works Committee recommended Baker Tilly to provide a Full Water Rate Study. The Committee had questions regarding the scope of Baker Tilly's contract in which Dir. Ludwig provided a summary of comments. The PSC encouraged the utility to use conservation rates for all customer classes. The PSC would not approve an inclining rate for the Commercial and Industrial customer class. A cost of service study would yield how much could be charged to each class. Raising rates for irrigation for all customer classes was also suggested by the PSC to encourage water conservation.

Comments

- Deep aquifers are not recovering;
- A second meter should be required on the exterior of a home for outside watering; This separation would allow for a decrease in sewer charges and allow an irrigation rate strictly for watering;
- Residents can request a second meter if they choose;
- The Village is obligated to provide high users water, however the PSC states only a "reasonable" increase in water. The Village would need to research those high users and find out their future intentions. The Village should then have an agreement in place which would allow the Village to financially prepare for the future.

RELEASE OF LETTER OF CREDIT - SAWGRASS COVE: Public sanitary sewer and water main improvements have been inspected and accepted by staff.

MOTION made by Zabel, seconded by Vanderheiden authorizing staff to release the Sawgrass Cove Letter of Credit in the amount of \$10,100 effective November 5, 2013.

Motion carried unanimously.

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RELEASE RETAINER - FRANCESSE/SYLVAN WATERMAIN: Improvements were accepted October 2, 2012. Staff inspected the project in late October, 2013 and found everything in acceptable condition.

MOTION made by Vanderheiden, seconded by Kaminski authorizing staff to release the Francese/Sylvan Watermain retainer in the amount of \$4,837.63 to Wanasek Corp.

Motion carried unanimously.

DONGES BAY ROAD PROJECT - UPDATE: Engr. Bischke informed the Committee that on Oct. 4th, 2013, SEWRPC's Advisory Committee on Transportation System Planning and Programming for the Milwaukee Urbanized Area voted against SEWRPC's staff's recommendation to include Germantown's Donges Bay Road project in the funding cycle. The Motion placed Germantown's project on a standby waiting list in the event other projects would be dropped. As a result, staff immediately suspended the preliminary engineering contract with R.A. Smith National. The Committee was provided with the following details;

- Percentages and costs in the event the Donges Bay Road project had been funded;
- Status of STP Preliminary Engineering Contract;
- Estimated Construction Cost using Municipal/MMSD Standards;
- Range of Total Village Costs resulting from SEWRPC TIP decision;
- Range of Additional Village costs resulting from SEWRPC TIP decision;
- Engineering & Construction Scheduling;

Committee discussion included;

- The Engineering Firm has stated they have completed 58% of their contract and the WDOT states 38% of the engineering contract has been completed due to the milestones;
- The Village will need to decide at some point whether to pay the Engineering firm the 58%, 38% or somewhere in between; The WDOT will assure the 38% gets paid and any costs above and beyond is the Village's decision;
- Further information will be obtained on whether the Village has rights to the 33% completed design plans once the Engineering firm is paid the 38% or 58% of costs.
- Engr. Bischke applied for a \$250,000 Grant for the intersection of Donges Bay Road and Pilgrim Road requiring it to be built to FDM (Facilities Development Manual) Standards;
- Bike paths do not have to be on both sides of the road. Engr. Bischke noted one side bike paths violate planning principal because you are now promoting cross traffic;

- Committee preferred reconstruction without a 5' paved shoulder for bikes/pedestrians;
- Staff stated a shoulder area would still be installed;
- The Donges Bay Road Advisory Committee has been suspended. Engr. Bischke stated he would need funding directives *for the road project* before the Advisory Committee can reconvene.
- Donges Bay Road sidewalk and bike design should be addressed before the Plan Commission and the Park and Rec Committee and report back to the Public Works Committee with their findings;
- Could the required 2-3 foot paved shoulder at the edge of the road be extended to five feet to address the pedestrian facility? Engr. Bischke stated the 3 foot paved shoulder was restricting not only to bikes and pedestrians but drivers who wandered toward the

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shoulder while driving; R.A. Smith proposed the five foot shoulder and was considered best practice in the FDM design;

Bridget Poetzl, N104 W15447 Donges Bay Road, is a volunteer on the Donges Bay Road Advisory Committee. Half of the residents on the Committee were in favor of getting Donges Bay Road repaired maintaining a rural design. The other half of the Committee wanted to see a separated safety improvement for a pedestrian traffic. She recognized the balance for safety and accommodating the park on the north side of the road but wanted the reconstruction to maintain a minimal amount of invasion to the current properties along Donges Bay Road. A safety lane should also be considered on the north side of the road. Ms. Petzel believed a sidewalk and five foot bike lane was excessive. Also noted was the safety lane that accommodates the stretch of roadway from Pilgrim Road to Division Road. Ms. Poetzl wasn't sure it was necessary to make the safety lanes consistent and uniform but recognized the popularity of the Park and wanted to see a balance between the cost, safety and completing the project as soon as possible.

It was the recommendation of Village staff to have the Committee commission a Village Board resolution protesting the SEWRPC TIP decision for the submittal to SEWRPC, WDOT, FHWA, Sen. Darling, and Rep. Knodl.

MOTION made by Zabel, seconded by Kaminski authorizing Village staff to work with the Village Attorney to draft a Resolution to SEWRPC, WDOT, FHWA, Sen. Darling, and Rep. Knodl noting the hardship to our community and present the draft Resolution directly to the Village Board .

Motion carried unanimously.

ANNOUNCEMENTS:

The next regular Public Works Committee Meeting will be held Tuesday, December 3rd, 2013 at 5:00 p.m.

ADJOURNMENT: There being no further business, the meeting was adjourned at 6:33 p.m.

Janice Wick, Recording Secretary