

I. Call to order.

Chairman Ziegler called the meeting to order at 5:30 p.m.

In attendance were Jon Ziegler, Karen Schmutzler, Mark Porlier, John Jensen, and Colin Hintz. Also present were DPW Keith Donner, Administrator Dean Zuelger, Finance Director John Jacobs, Jessica Trautman, Hooshang Zeyghami, and Donna Van Swol.

- II. Discussion and/or action Capital Improvement Program (CIP) Planning.** Donner reported it has been a number of years since the Public Works Committee has met in a working session. With some new committee members coming on board this year he thought we should take some time to discuss our capital improvement plan. Donner said it was the time of year that staff tries to look 3 – 5 years into the future and speculate as best we can on what our needs will be and the direction we should take as far as capital expenses and projects. Materials e-mailed to the committee in advance of the meeting included his memo and meeting outline, map of roads needing reconstruction by priority, PASER manual, list of capital improvement projects for the utilities, street construction candidate list, proposed 2011 capital projects, and map of asbestos water main. Donner presented an updated list of equipment and improvements that he would like to be considered for the utilities. There was also an updated candidate list of streets to be considered for reconstruction with priority ranking by the street maintenance staff. Donner distributed a map to the Committee members with the streets rated based on the PASER (Pavement Surface Evaluation and Rating) system that we submit for updating WISLR (Wisconsin Information Service for Local Roads). Donner explained the PASER rating system of street surfaces (1 = worst and 10 = perfect). We are required to rate our roads every two years to qualify the village for state road aids. The higher rated streets 7 – 10 will receive street maintenance treatment of crack sealing and chip sealing to extend the life of the pavement and we need to devote maintenance dollars to keep those streets in good repair. Streets rated 5 – 6 we do maintenance chip sealing or an overlay to extend the life of the road (even though it is not necessarily recommended). Streets rated 4 and lower are in a state that the road needs to be reconstructed. It is considered a capital improvement when we need to reconstruct the street base (a special assessment project). The street maintenance staff has prioritized the streets in the order they feel they should be reconstructed. Donner explained the urban classified system for streets determines whether a street is a collector, arterial, or connector street depending on how it connects to adjoining communities (not just traffic counts or local significance).

Donner distributed a copy of a portion of the 2009 – 2013 Village CIP. The street projects include most of those on our current candidate list but with no priority order. It is evident we included more streets than could possibly be completed in a year because it is cost prohibitive.

Zuleger stated we budget \$250,000 - \$400,000 per year for maintenance of streets.

Hintz questioned if this was a reactive program and if we have a preventive program listing the expected life of the pavement. Hintz asked what happens when we have a large area such as Sandy Meadows when it needs to have street reconstruction all at the same time.

Donner added we could use more money each year for street maintenance to keep pace with what actually should be completed each year. We had the few years of intense construction in Sandy Meadows (and development throughout the Village) and we will have a significant amount of streets needing maintenance at the same time. The WISLR system does have software that you can enter your maintenance dollars into this program and it looks at the street's PASER ratings and it tells you how to allocate your money i.e. chip sealing, crack sealing, etc., blindly of other factors though.

In reviewing the PASER ratings map, Donner pointed out that it was created at the end of last year. Ross Avenue would now have a rating of 9 – 10 since it was resurfaced. There are also roads that received maintenance treatments last year e.g. Ferge Street that would now have a higher PASER rating.

Zuleger commented we like to maximize our federal and state dollars and use them on our collector and arterial streets (the major streets). We have \$900K to help upgrade Schofield Avenue east of Ryan Street in 2011. County funds will be used next year to upgrade County Road X (Camp Phillips Road). Zuleger added there is a portion of Alderson Street north of Ross Avenue that will be cost shared with Schofield and a section of Alderson Street south of Weston Avenue that will be cost shared with Rothschild.

Donner commented another thing that comes into play for street conditions and street life is our drainage challenges in some areas. A good example is Crestwood Acres (Kirk Street, Rodney Street area). Ditching is limited in the area. Ditches have been filled in over the course of time which creates problems by allowing water to stay underneath the sub-grade causing frost/heave conditions. Donner explained a number of years ago we looked favorably on installing curb and gutter so we took the stand to install curb and gutter in all reconstruction areas and in new development. This corrected drainage in flat areas and also had an added benefit of protecting the edge of the road and lengthening the life of the street. Since the Clean Water Act was reauthorized the DNR has changed their philosophy to stay away from installing curb and gutter and stay with ditches in existing neighborhoods. Now with the Clean Water Act they have targeted non-point sources (storm sewer discharges) to reduce suspended solids discharge from these sources. Weston already meets the (40%) suspended solids reduction targets for 2013. A major factor in this has been that we have required developers to put in detention basins over the last 10 – 15 years. Staying with a ditching system you have some retention capabilities and capture of suspended solids (that storm sewer does not provide). Donner added for new subdivisions we can consider curb and gutter where they have the ability to install detention ponds to comply with the suspended solids requirements.

Donner included with the meeting materials a map of streets that have asbestos cement water main. There isn't a requirement that we replace the AC pipe and it does not pose a public health risk but it is more susceptible to breakage. Donner added when we are reconstructing a street that has asbestos cement water main we take the opportunity to replace the water main. Donner added we also have sanitary sewer that is questionable in some areas, when we reconstruct a road we take the opportunity to replace the sanitary sewer main if necessary also.

Discussion shifted to the list of utility projects and capital equipment. Donner stated at some date in time we will need to evaluate whether or not we want to install iron and

manganese removal at the Bloedel well and probably also the Alta Verde well. We have noted recently that the manganese levels are higher than what they have been historically. Iron and manganese are secondary standards (non-health standards, aesthetic) of the Safe Drinking Water Act. For iron it is 0.3 parts per million and for manganese it is 0.05 parts per million. Donner added we add polyphosphate to the water to suspend the iron and manganese so it stays in solution and does not turn into a particulate. Iron can leave a reddish color and manganese a blackish color staining on plumbing fixtures. That is one reason we flush water mains twice a year. We would probably be looking at spending \$1M to construct an iron/manganese removal system at each well site. We just reached the secondary levels for manganese at the Bloedel well but at this point it is not regulated. The committee thought it was not a priority item at \$1M per well site for aesthetic issues. Donner added he just wanted to make the committee aware the concern is out there and we do get a number of calls each year from customers on this issue (black stained plumbing).

Donner reported the SCADA water distribution system software and some hardware is outdated and we may be replacing it yet this year at a cost of about \$25,000. We are at a point where we need this equipment upgraded (to maintain reliability).

Donner reported automated meter reading equipment in the past had a cost of about \$100 per meter. The estimated cost of about \$500,000 is probably a little low because there is other software we would also need to purchase. Donner added if we get to a point where we do monthly meter reading it might be justified upgrading to this technology. Monthly meter reading from the perspective of landlords would be desirable because it would be easier to stay on top tenants with delinquent utility bills. It would also be helpful to have monthly billing in identifying when a customer has a potential water leak.

Donner reported the sewer vac truck is 5 years old. The optimal time to trade in the sewer vac truck is 5 years. The estimated cost for a new vac truck is \$300,000.

Donner thought we should update our water master plan. Right now we only have one river crossing for water main. We would like to have another river crossing for water main it would give us more redundancy. We currently have water down Ryan Street north of Schofield Avenue we would extend water under the river to the Edgewood Estates Subdivision creating a loop in the water system.

Donner reported we are currently looking for a new well site on the west side of Camp Phillips Road. There is a 40 acre parcel south of Yellow Banks Park which the park department would be interested in purchasing to expand the park. In addition to the utility's interest in well sites.

Donner reported we would like to purchase equipment for sewer televising at a cost of about \$50,000. Our current equipment is outdated. It would also give us the ability to televise larger diameter pipes and storm sewer pipe. We wouldn't need to bring in a contractor every time we have larger pipe to televise.

Donner reported at some point we should have an infiltration and inflow study for the sanitary sewer. We have instances where sump pumps are discharging into the sanitary sewer system. There are some areas in Weston and Rothschild we suspect are more

prevalent with sump pump discharge to the sanitary sewer system. This ends up costing us more at the wastewater treatment plant.

Jacobs reported the village collectively should stay under \$10M in a calendar year for borrowing this will get us a small issuer exemption. Staying under the \$10M in a calendar years allows the village to stay "Bank Qualified." By remaining "Bank Qualified" this allows the village to stay at a lower set of interest rates. If we borrowed more than the \$10M in a calendar year we would not automatically be bank qualified we would potentially have to buy bond insurance and the interest rates would be at least 0.1% higher.

Zuleger added the 2011 Capital Improvements spreadsheet didn't include the money we are getting for the Schofield Avenue project (\$900K) and the pedestrian bridge (\$1.4M). Zuleger thought there was enough money for 2011 to get all of Park Ridge Drive area done. Zuleger is working with Congressman Obey on possibly getting more funding for the Schofield Avenue street reconstruction project.

Donner thought the Village crew could potentially do a portion of the Park Ridge Drive project or we could hire an outside contractor. The committee thought the entire Park Ridge Drive area should be done in 2011. Donner added with Camp Phillips Road being closed in 2011 the Alderson Street section north of Ross Avenue he thought it should be done in 2012. Zuleger added the section on Alderson Street from Weston Avenue to Shorey Avenue also needs to be reconstructed. Donner added on the section of Alderson Street between Shorey Avenue and Howland the properties on the east side of Alderson Street are fed off the interior streets in the Crane Meadows and Sandhill Meadows Subdivisions. Donner thought we may have a difficult time justifying special assessments in this area and this may be a good area to use our own forces to save some money. The committee thought the Kirk Street and Douglas Drive area should be completed in 2012. Donner added with utilities needing to be replaced in this area it would need to be a contracted project.

Donner added Zuleger recently did a community survey to a select number of participants and they responded that they liked having trails and bicycle paths in Weston. We might want to consider installing a bicycle/pedestrian path along Alderson Street from Shorey Avenue to Weston Avenue.

Porlier questioned how much money we have to spend in 2011 - 2012 so it can be determined what projects should be completed. Porlier asked if staff could come back with the estimated cost of the projects so the committee can determine what projects should be completed in a given year.

Donner asked how the committee felt about special assessing in this economic climate. The committee agreed we would special assess for the upcoming reconstruction projects. Donner was going to review the list of streets prioritized by the street crew. He thought some of the streets on the list from the maintenance staff would be maintenance rather than reconstruction and could be removed from the list (e.g. Ross Avenue). Donner would like to have some decisions made on what projects to do by the second meeting in September.

III. Adjourn.

****M/S/P Porlier/Schmutzler: to adjourn at 7:40 p.m.***

Submitted by,

Donna Van Swol
Utility Clerk