

MEETING MINUTES PUBLIC WORKS / PUBLIC UTILITIES COMMITTEE

Coronado Center – August 17, 2017

Meeting Summary:

- The utility rate engineering study is complete.
- Pump failure at Pineda lift station has been backed up.
- To date the Perin water supply has earned the village \$11K.
- The Masero Way ball tank rehab is complete.
- The waste water plant maintenance bid is within budget at \$704K.
- The rehab of 20 culverts at \$354K has been approved.
- The 2017 village road inspections by the committee is scheduled for Sept. - Oct.
- PW has safety concerns for a trail crossing of DeSoto at Ponce.
- An issue of speed on neighborhood streets are a concern.

Reminders and Calendar:

- 9/14/17 @ 8:00 AM Next committee working meeting
- 9/21/17 @ 9:30 AM Next committee public meeting

Meeting Minutes

Committee Members: Present: Leonard Binstock, David Childs, Murray Claassen, Don Draper, Jim Mahan, Philip Matone, Duane Ninke, Jim Patton, George Roser, John Sowers, Roland White

POA Board Members: Present: Marcie Mermel; Excused: Bob Cunningham;

POA Staff: Bill Staggs, Director of Public Works; Jason Temple, Director of Public Utilities; Kate Chagnon, Director of Communications

Press:

Guests: Maxine Klein

Meeting Called to Order in Coronado Center, Room 3 by Chairperson Leonard Binstock at 9:30 AM.

- The agenda was accepted as provided by the chairperson Leonard Binstock.
- A motion was made by Bill to approve the meeting minutes for the July 20, 2017 Public Works / Public Utilities Meeting as provided by Secretary Don Draper. Second by Roland; motion carried.

Chairman's Report by Leonard Binstock:

- The Transportation sub-committee has had four meetings to build a strategic plan. With one or two more meetings, a draft should be ready for review by the whole committee by September 14.
- A traffic count for the Barcellona – DeSoto intersection is in the planning cycle. This survey will be compared to the 2007 traffic study performed for the POA.
- Both the draft of the 2018 POA budget and Leslie's report to the Board emphasized the urgency for repairs to the culvert infrastructure.
- Jason Temple introduced Kate Chagnon, the new Director of Communications for the POA.

POA Board Liaison Report by Marcie Mermel:

- Marcie provided a summary of the POA Board meeting that took place on Wednesday morning.

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- The waste water plant improvement project which is financed by the bond issue was approved by the board.
- Duane Ninke was approved by the board as a new member of the PW-PU committee.

Refer to the POA Board meeting records for details.

Public Utilities Report by Jason Temple:

- In reference to the particulate matter in the water reported last month by Carol Spars, PU visited the home site and pulled the meter. Some particulate matter was found in the meter. Both the meter and the line were flushed. When PU revisited the site, the customer indicated the particulate matter problem had been solved. A note from the customer to PU was received thanking them for resolving the problem. Jason advised that they were still evaluating particulate matter on faucets that oxidize manganese or iron oxide in the water. PU can control the water treatment process at the plant. This is not a health problem, but a nuisance item. If issues are noted, they need to be reported to PU.
- The manhole rehab was completed in the spring. Storm water inflow has been reduced. No overflow has occurred at the waste water plants due to this repair and the plant process changes. Next spring should verify the results. Jason went on to explain the extent of the detailed engineering study that was undertaken to determine where the maximum reduction in storm water inflow could be achieved for the dollar spent. This resulted in the tier one manhole rehab as the first project to be undertaken. There are other items that were highlighted in this engineering study but these are at a higher cost for a lower return in reduction of storm water inflow. There are other manholes and lines that need repair. This tier two stuff will be reviewed in 2018 for a possible repair in 2019. Deterioration may elevate some of this due to the increased potential for failure.
- The utility rate study is complete. The PU budget and plans were input into this study. PU needs to raise enough money to pay \$500K per year for the next five years to reimburse reserve funds for the water plant cost that was in excess of the original plan. Also PU must build and maintain a PU reserve fund equal to the depreciation rate over the next five years. This is \$326K per year for a total of \$826K to reserves. The budget also includes four more staff: one for maintenance, one for the water plant, one for the waste water plants and one licensed electrician for the Construction and Electrical Control Group. A third line maintenance crew will allow PU to start doing some proactive maintenance instead of struggling to keep up with the average of three water or sewer leaks per day that occur in the village. For example on West Vallena, they were setting up to repair a leak with a notice to the public for water interruption and detours around the area, only to have the line fail just after a lightening storm. The crew had to make the repair ahead of plan, but it was done quickly and before night fall since the crew was already gathering the equipment and supplies for the job.
- The matrix of 66 lift station with two or more pumps has been reduced from 14 at 100% operational effectiveness to 13 at 100%. There is a target to achieve 100% effectiveness on all stations in 2018. A pump in the Pineda lift station failed. It will take two months to receive a new 88 hp pump from Sweden. In the meantime a standby diesel powered backup bypass pump for the station must be rented at a cost of \$8K per month for two months. The replacement pump will cost \$42K. Since the Pineda lift station is near Lake Coronado, we can not risk an overflow. PU may be able to justify purchase of a backup pump that can be used anywhere in the village. Right now PU's pump truck can back up the small lift stations and a new pump truck is in the budget for next year. The new pump for the Pineda lift station is very flexible. Even if the Pineda

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lift station is redesigned to a submersible wet well in the future, this pump can be taken out of the current dry well and used in the wet well.

- Water connections outside the Village:
 - As of mid year, the village has sold \$11K of water to Perin through the 2" line connection at the east gate.
 - On the interconnection with North Garland county at the Balboa Gate, the current plan is to design the connection in 2018 and execute in 2019 for the first step in access to MAWA's Lake Ouachita water.
- The tank rehab project: The Mesero Way ball tank rehab has been completed. It has been filled and is in the disinfection process. Once it passes bacterial tests it will be brought on line. There is one more stand pipe tank just off Peral Way to rehab in October. There is one more year to complete all tank rehab work, then we will start all over again with tank inspections.
- Leonard questioned whether Hot Springs desire to defer MAWA payments is beneficial for the Village since until the water is drawn, the electrical utilities can still use the water to generate electricity. Jason noted that the contract is to own water storage whether or not it is used.
- The waste water plant maintenance bids are in and look good at \$704K. There is \$733K left in the bond issue. This maintenance is a partial catch up step in maintaining our waste water plant capacity. We will still have ongoing expensive maintenance plus things that must be done to improve our affluence. This is not a one time and its done fix. These expenses will be financed from ongoing cash flows within the department.
- The Utility Sub-committee will hear a presentation from Entegrity on August 29. This company is a electrical power energy conservation consultant. The presentation will cover lighting, water, energy services and solar power opportunities. The full committee is invited to attend. Leonard noted that the electrical power bill budget for 2018 was \$1,500K+ for the village for which \$500K was for the Utility department.

Public Works Report: by Bill Staggs

- The board approved a culvert rehab project for \$354K. This is for 1,400 feet or 20 culverts. This is not all since we have culverts at Minorca and DeSoto and shoulder and culverts at Ponce near the golf course that need attention. This work is scheduled to begin October 2 and be completed by December 31, 2017.
- Bids have been received on a crack seal project on Baleric and Balboa for \$32K. This is a test case to determine coverage versus cost for the 2018 repairs.
- \$28K in pavement markings is now under contract.
- Bids for a paving RFQ are scheduled to be received this week for neighborhood streets to repair damage by trucks. Estimated cost for this work is \$45K. Part of the fee from building permits goes back into repairs for the streets at construction sites. The accumulation for one year is about \$45K.
- Paving of a golf facility parking lot and chip seal of the parking area at Grove Park are also on the agenda.
- Group discussion emphasized a need to collect fees from truckers and contractors for road damage while accessing the village. This also needs to include right of way use and repair. Requirements for landscapers is needed as

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well. The Hot Springs web site was suggested as a source for a workable approach to this issue.

- Remaining expenditure this year:
 - Ice and snow removal at \$15K to \$20K
 - Placement of warning and safety signs for curves, intersections, regulated speeds at intersections such as Jaradilla and Cortez as well as thermoplastic bubble strips to warn driver of the hazard.
 - There is less than \$200K remaining for some DeSoto milling and overlay in areas that need to be built up.
- The church yellow warning signs are in the road right of way to warn drivers of unexpected traffic coming into the roadway on Sunday due to a nearby church that is not visible. Signs for location of a church are under review. Availability of maps and growth of GPS affect the determination. The sign issue includes mowing, driver distraction and community norms and aesthetics.
- Updating of the gate access technology is in process with a few delays. A schedule should be issued this week. Once started, the project will progress at one gate per week.

Committee Member Comments:

- In response to Roland's question, Leonard advised that the road inspection assignments would be handed out at the next committee working meeting. The results are to be turned in by the October working meeting.
- In response to Jim M. question, Marcie advised that the POA news releases went to KVRE, the Voice, the Democrat Gazette and the Sentinel Record. Releases are prioritized, so all releases are not published at all outlets.
- Phil advised that the traffic survey of DeSoto at Barcelona would proceed next Tuesday with the volunteers. On a preliminary assessment, Phil noted that there was not a strong traffic peak, but the hours of 6:30 to 9:00 AM would be the morning survey and 3:30 to 6:00 would be the evening survey. The maximum traffic appears to have increased since the 2007 survey with about 190 vehicles in a 15 minute period in the morning and 245+ vehicles in a 15 minute period in the evening. Phil observed only one semi. Traffic moved very well with less than 30 seconds delay for a left turn. Bill said he would get out the counters on Monday. The police chief confirmed to Bill that they had two sets of tubes and one static scale.

Work Group Reports:

- No meetings have been scheduled. Awaiting completion of the strategic plan.

Old Business:

- Bill advised there has been activity on the DeSoto trail near Ponce. The owner of a commercial property has requested the trail be move away from his property and hikers stop walking across the commercial lots. The exact implications of this change are not known. There is a safety concern with senior drivers and this intersection is the #2 intersection for accidents. Bill noted that the Trails

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committee had been advised that safety and PW were not comfortable with a crosswalk on DeSoto at Ponce. Alternates have been suggested. Bill will speak with the Director of Recreation.

New Business:

- Marcie asked if there was a way for a neighborhood to request a lower speed limit where the street was narrow and most of the older residents walked the streets with or without dogs. Fast moving traffic was forcing them off the roadway which provided a trip or fall hazard. They would like to add something to their speed limit sign similar to the “No Wake Zone” used with boats emphasizing the need to conform. Bill noted that he had the same thing on his desk with Promesa where traffic was cutting through a neighborhood from Ponce to DeSoto to avoid the intersection. A suggestion was to use temporary speed bumps. Arkansas has outlawed certain types of temporary speed bumps since some flip up and cause damage or injury. Leonard suggested Marcie write the committee a letter and we would investigate the matter and make a recommendation.

Public Questions and Comment:

- No comments.

Leonard noted there would be no Strategic Planning sub-committee meeting next Monday and that he would like to request the Directors consider inviting HR to the November or December committee working meeting.

Meeting Adjourned at 11:35 AM.

The next PW/PU Committee Working Meeting will be held at the Police Academy on Thursday, September 14. The attendance of the fleet manager at this meeting will be requested.

- 8:00 AM Public Works
- 10:00 AM Public Utilities

The Public Utilities Sub Committee will meet at Jason Temple's Office on the last Tuesday of the month at 9:00 am.

The next PW/PU Committee Public Meeting will be Thursday, September 21, 2017 at 9:30 am at the Coronado Center, room 3. This meeting is open to the public.

Submitted by: Don Draper, Committee Secretary