

**CLACKAMAS RIVER WATER
WORK SESSION
SUMMARY OF MEETING
October 30, 2017
6:00pm**

COMMISSIONERS PRESENT:

Naomi Angier, Bill Blanas, Hugh Kalani, Dave McNeel, Larry Sowa

STAFF PRESENT:

General Manager, Todd Heidgerken; Principal Engineer, Adam Bjornstedt; Chief Financial Officer; Carol Bryck; Chief Engineer Bob George; Executive Assistant to the Board, Karin Holzgang; IT Manager, Kham Keobounnam

VISITORS PRESENT: Jude Grounds, Matt Huang, Gary Kerr

Call to Order

The meeting was called to order at **6:00**

1. Water System Master Plan Progress Update (presented by Consultants from Carollo)

There were a plan that was prepared in 1998 and updated in 2005. A new water master plan is due since a plan is only good for 10 years. Oregon Health Authority requires a water master plan meets certain OAR requirements, to incorporate resilience plans guidelines, CRW will have two separate documents one representing the North and one representing the South side distribution (also once the backbone is complete the CRW system will be viewed as one) but staff will be asking OHA to combine the two into one.

The water master plan will be looking at a planning area for the next 20 years. The consultant will develop a range of projected water demands with a focus on the mid-range of projections. Consultant will look to identify what the transmission capacity, the treatment plant capacity and how that looks with the projected daily demands.

The Supply analysis conducted by the consultant will confirm ability to serve

- CRW will provide water to neighboring agencies
- CRW will have emergency interconnections
- All facilities should have backup power
- CRW will meet or exceed water quality regulations
- CRW desires water loss of less than 10%
- As good stewards of its resources, CRW values water use efficiency

The system analysis will confirm system capacity

- Hydraulic model will be used to evaluate- fire flow, pressures, and transmission for backbone system

The analysis will confirm replacement or rehabilitation of

- Pipelines, infrastructure at what point of its life use, identify other opportunities for improvements

The analysis will identify seismic resilience- (assisting with proper planning, seismic improvements and updated design standards) this will assist in meeting the 50-year Oregon Resilience Plan goals

All of the work of the master plan will result in a comprehensive CIP list (supply transmission needs, system deficiencies, replacement and rehabilitation and seismic resilience)

Time Line

- Project began in July 2017
- First Board presentation in November 2017
- Second Board presentations in April 2018
- Draft report in May of 2018
- Report submitted to OHA in June 2018
- Final Board approval/adoption in July 2018

2. Backbone Project Update

Staff is providing an overview of the budgeted projects in the current biennium (phase 1 projects of the original backbone plan)

Mr. Bjornstedt provided a look at where the schedule is for each of the phase one projects vs. the original projected schedule. One key point is that the Carver Bridge/Springwater Rd transmission main project have been combined into one project since the Springwater Rd. project had the permits held up by the County until the Carver Bridge project was resolved. 152nd Reservoir project ran into additional issues with land use and how to deal with the spoils the project so it was decided to delay actual construction to work better with the weather. The Redland Reservoir project experienced some additional land use requirements that caused changes in the design location of the tank causing a delay to the timeline. Another challenge to the schedule has been property negotiations for purchases and or easements. In addition is that waterline projects are coming in less than the budgeted amounts providing for a situation where there are more dollars that will need to be spent to meet the requirements of the bond.

Accomplishments

- Butterfield transmission project completed
- Land use approvals for Redland and 152nd Reservoirs
- Public outreach

Current Design status

- Redland Reservoir at 60%
- 152nd Reservoir at 90%
- Hattan PS and transmission at 30%
- Springwater transmission main at 85%

Background for Backbone spending

- Bonded \$19,790,000 in March 2016
- Received a premium of \$3,442,246
- Total received is \$23,242,246
- Requirements – met the original 5% spend obligation of \$1,161,612 by September 2016 and working to spend 85% (\$19,747,409) by March 2019- working towards this.

Options that can be utilized if there is concern that the spend requirements are not going to be spent- can move phase 2 projects forwards and can also move other CIP projects that fulfill the spend requirements.

As of 9/30/17 \$4,995,279 or 17.2% of the bond have been spend. Some items influencing the rate of spend are – schedule challenges, share the cost of the 152nd Reservoir with SWA and some projects coming in under budget.

Some Strategies for meeting the spend requirements:

- Move other budgeted CIP projects that are related to the Backbone but not part of the phases
- Will have a better sense of spend once the 152nd Reservoir and Redland Reservoirs are bid for construction (looking like the project will cost more than the original budgeted amount with unforeseen costs like deeper vaults and rehabbing of the 2nd reservoir at Redland)
- Move phase 2 projects forward (Bradley Pump Station and transmission main)

Impacts of meeting the spend rate

- Staff workload demands (utilizing consultants but still requires staff monitoring)
- Budget adjustments may be possible
- Increased tracking of the budget
- Timing and coordination of linked projects
- External mandates- permitting, land use, etc.

3. Commissioner Communications- The time is provided for Commissioners to talk openly in a public meeting about information that they would like to get from staff and also a time to assist in determining future topics for agendas for both work sessions and board meeting.

4. General Manager Update

December Changes (and other meeting date changes)–

1. Proposed to move Board meeting from December 14th to December 7th
2. Propose holding a Board work session after the CRWSC meeting on December 11th and start that meeting a little earlier at 5:30 pm with food provided at 5 pm (after the CRWSC meeting)

3. So to summarize, we would hold a Regular Board meeting on Thursday, December 7th and then follow it up with a work session on Monday, December 11th. That would be the meetings for December
4. February Board Meeting – conflicts with the SDAO Annual Conference that will be held in Seaside. Propose moving from Thursday, February 8th to TUESDAY, February 6th.

Todd provided a copy of the revised Employee Emergency handbook that staff had just been presented.

During the recent SWA meeting their Board was given the opportunity to consider if they would be interested in transferring a service area near our HWY 224 line (Windswept area), this would not occur until the CRW transmission main project is complete.

Work Session on November 20th – budget update; Discuss a draft of Board goals for the GM;
Review of the Board Practices Assessment

Adjourned at 7:51 pm