

**Administrative Control Board Meeting
Box Elder and Perry Flood Control
Special Service District
Perry City Offices 3005 South 1200 West
5:00 PM Wednesday, July 15, 2015**

Members Present: Chairman Greg Hansen, Board Member Boyd Hirschi, Board Member Maurice Roche, Board Member Kevin Pebley, and Board Member Bryce Thurgood

Others Present: Brett Jones, Jones & Associates; Greg Westfall, Perry City Administrator; and Susan K. Obray, Board Clerk

1. Welcome & Call to Order

Chairman Hansen welcomed and called to order the Box Elder and Perry Flood Control meeting. Chairman Hansen welcomed Bryce Thurgood as the new board member.

2. Approve June 17, 2015 Minutes

MOTION: Board Member Roche moved to accept the minutes of June 17, 2015. Board Member Thurgood seconded the motion. All in favor.

3. Public Comments

There were no public comments.

4. Report by Chairman Greg Hansen on the Board of Water Resources Loan

Approval

Chairman Hansen stated that they had a meeting with the Board of Water Resources on June 18th in the Brigham City Council Chambers. He said that Kevin Pebley, Matt Robertson with Jones & Associate, and himself attended the meeting. Chairman Hansen stated that Mr. Hadley presented their case to the Water Resource board members. He said the first thing they asked was that no one has applied for a loan for a basin but that it meets their criteria. Chairman Hansen stated that they asked several questions such as what have they done in the past, what the plans are in the future, and if we had any concerns on paying off the debt. He said after answering all the questions Mr. Holmgren from the Board made a motion to approve the loan for \$660,000 at 3% interest.

Chairman Hansen stated that the board is not obligated to that amount but it is a nice amount to go along with the \$340,000 that the Flood Control will put in. Chairman Hansen stated that they are going to rely on what Jones & Associates came back with in regards to the a true and accurate cost. He said we have been approved for \$660,000 but the bond will be whatever amount we use to build the basins. Brett Jones with Jones & Associates asked if we can get it bid out before we commit to that number. Chairman Hansen stated that was the way he understood it. He said that we have already paid for the study and we will pay for the engineering. Brett Jones stated when we bid it we will have a two month waiting period for the award. Greg Westfall, Perry City Administrator said you can't officially award the bid until you close the bond.

5. Update on the Proposed East Bench Detention Basins

Chairman Hansen stated that we got the final report for GeoStrata. He said Susan e-mailed the board the DRAFT PDF of the report. Brett Jones with Jones & Associates stated GeoStrata looked at building the basins three different ways. He said they looked at it hydraulically, they looked for potential slope failure, and they looked at three different ways of sizing the basins. He explained that GeoStrata said that both basins could be sized the same. Brett stated that the minimum that they would recommend is 15 acre feet. He said that they had the basins sized at 31 and 39 acre feet. He stated that the minimum size is 15 acre feet.

Mr. Jones stated that they would like to get a decision from the board if they are comfortable with the the minimum size and moving forward. He stated that he is comfortable in sizing the basins at 15 acre feet each. Brett said that this size would take a huge dent out of the debris flow. Board Member Thurgood stated that in the subdivision world the detention ponds are for 100 year storm, and asked if these debris basins are based on 100 year storm.

Brett stated that debris basins are a little bit different but the concept is similar. He explained that debris basins have debris and water coming out of the canyon. Brett said that it typically gets saturated and then it slides with trees, dirt, and rocks. He said they are sized for what you would expect in 100 years. Brett stated with the debris flow that is a little different, with rain you can predict based on rain fall events how often it is going to happen and how big it is going to be. He said with debris flow it is a little more scientific, you can look at how much slope, dirt, and how much area is contributing to it and that goes into play more than just the water that comes down. Mr. Jones stated that the 15 acre feet that they are recommending is adequate, he would not feel comfortable going smaller. Chairman Hansen stated one of the reasons the board went with GeoStrata was that they felt they would come back with a report that would give them a better design criteria instead of over designing them. He said they have given them better design criteria. Chairman Hansen stated that the ponds are half the size of what was originally proposed. He said that he would like to stick with what GeoStrata has recommended as a minimum. Greg stated if it leaves a little bit more money, than below the basins they can look at building a couple of detention basins as well. He said there is one in Evans Canyon and Mathias Canyon has nothing. Chairman Hansen said they could increase the basin in Evans Canyon and build one for Mathias Canyon. He explained if the board would have went with the less expensive study they would have had a basin that would have been the same as RBG and would have spent more money on the basins. Brett stated that the best bidding time is November through February. Board Member Roche asked Brett Jones how long it would take them to draw up the plans. Brett stated that they would be able to do it fairly quickly. He said it would be around 3 months and they would still need to work with GeoStrata a little bit. Brett stated that GeoStrata will probably do some of the construction management and make sure they are building the basins correctly. Brett explained when they do their design they will take a rough cut at it

and have them review it and make sure the slopes won't mess up the geology. Chairman Hansen asked Brett if they would be able to supply the board with a cost estimate. Brett stated that would be their next goal is do enough design to guess a lot closer on costs.

Chairman Hansen stated that GeoStrata recommended that the detention ponds are put above the upper road. Brett stated one thing that can add time to the process is Division of Dam Safety will regulate these if they have any sort of embankment on them. He said it is likely if we use the road for the embankment then they will get involved.

Board Member Thurgood asked if they could go on a road trip to see where the basins will be constructed. Brett stated that it would be good to involve Matt Robertson with Jones & Associates and GeoStrata on the field trip. Chairman Hansen asked Brett to have Matt arrange a field trip with GeoStrata within the next three weeks. Chairman Hansen stated that this will be an action item on the next agenda to award Jones & Associates to start on the design of the debris basins.

6. Payment Approval (if any, roll call vote)

Chairman Hansen stated that there are three invoices to be paid. The first invoice is for Jones & Associates in the amount of \$1,038.50, the second invoice is for Crane, Christensen, and Ambrose in the amount of \$800.00, and the third invoice is for Susan Obray in the amount of \$100.00.

MOTION: Board Member Thurgood moved to approve the invoices for Jones & Associates in the amount of \$1,038.50, Crane, Christensen, & Ambrose invoice in the amount of \$800.00, and the invoice for Susan Obray in the amount of \$100.00. Board Member Hirschi seconded the motion. Roll call vote.

Board Member Hirschi	yes	Board Member Thurgood	yes
Board Member Roche	yes	Chairman Hansen	yes
Board Member Pebley	yes		

Motion Approved: 5 Yes 0 No

The field trip was tentatively set for August 12th at 3:00 pm.

7. Adjournment

MOTION: Board Member Roche moved to adjourn. Board Member Hirschi seconded the motion. All in favor.