

**Administrative Control Board Meeting  
Box Elder and Perry Flood Control  
Special Service District  
Perry City Offices 3005 South 1200 West  
5:00 PM Wednesday, August 19, 2015**

**Members Present:** Chairman Greg Hansen, Board Member Boyd Hirschi, Board Member Maurice Roche (arrived at 5:10 pm), and Board Member Bryce Thurgood

Board Member Excused: Board Member Kevin Pebley

**Others Present:** Matt Robertson, Jones & Associates; Greg Westfall, Perry City Administrator; Chuck Palmer with Christensen, Palmer & Ambrose, 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.

**2. Approve July 15, 2015 Minutes**

**MOTION:** Board Member Thurgood moved to accept the minutes of July 15, 2015. Board Member Hirschi seconded the motion. All in favor.

**3. Public Comments**

There were no public comments.

**4. Preliminary Update and Cost Proposal from Jones & Associates regarding Mathias & Evans Debris Basin**

Matt Robertson with Jones & Associates passed out a map that summarized the site visit at the canyons, and a preliminary construction cost estimate. He said it is still fairly early to nail down all the specific costs. He stated that they went up to the fire break road and looked at the possibility of putting a basin up there. Matt stated that access is really difficult and heavily vegetated there. He said that they did not see a spot that would work really well without quite a bit of work. Matt explained when they went down lower, down by the existing diversion box. He said we need to get more information on that site. He said the idea is to go into that area and excavate down and create a debris basin that has storage that is primarily below grade and that way they don't have to create a large dam or structure that might be regulated by the State. Matt explained that it is a good flat area where they have room to come down with a gradual slope. It will have a small embankment that will catch back to the existing ground on the west side. Mr. Robertson stated at Mathias Canyon it would be in that area where the diversion box is and would most likely remove the existing diversion structure and create a new structure as part of this basin. Matt stated that we would have a structure that is similar to what it does now where it can pass through the basin and continue down to the west or have the ability to divert flows over toward Evans Canyon. Matt stated on the project location map they sketched in an access (attached is the location map). He said the fire break road is not a very good option for an access. Matt explained over in Evans Canyon the site is

slightly below the fire break road. He said there is a little bit of a bedrock out crop which is good for the construction of the debris basins. He said we may need to generate some extra material and may need to excavate down by the lower basin. He explained that an access road would need to be constructed. Matt said it is fairly steep there and will take a little bit of work to put an access road in and that will have to be approved by the Division of Wildlife. Matt stated that the next step would be to get a survey done. Matt explained that the cost estimate would be less than what the allocated amount would be through the Water Resources. He said they put a 10% contingency for construction and a line item for Engineering, survey and Geotechnical items. Chairman Hansen felt that the two new locations will better serve our needs and cut the cost down considerably. Matt stated that these basins are to capture debris and also help with heavy runoff. Greg stated that we will generate some material from Mathias to move over to Evans. Matt stated that we will have to work through with the State and Rebecca Weed property that will be the route for the access road over to Mathias. Greg asked Matt if he had the chance to talk to GeoStrata about their billing. Matt stated that he talked to them before the meeting he said they spent that much time. He said they told him that the \$10,500 was an estimated cost and Matt told them that time and materials and was not to exceed \$10,500. Matt said that Geostrata did not have good hydrology numbers and so they went and did another method and did quite a bit of work on the hydrology side. He said they did three different methods in their study to come up with what they felt good about on the volumes. He said GeoStrata went up and spent extra time and that is where the run over expense came from. Chairman Hansen stated that the total is \$12,675. He said we previously paid them \$4,657.50 to date. Chairman Hansen said that they submitted two bills one was for \$8,017.50 and the other one was for \$8,692.50. He said it was unclear as to which bill was the correct one. Chairman Hansen stated that they invoiced \$8,017.50 and we will go by that. Chairman Hansen said that they were \$2,175 over what their bid was. Matt stated that they have done a very good job and their work was very valuable. He said the extra methods did help bring the volume of what they are proposing down which will help keep construction costs down. Matt stated going forward we will need additional Geotechnical work as we design the debris basins. He explained that it is lumped into the 10%. Greg Westfall suggested to split the cost with them and then in the future ask them not to exceed if they know it is going to go that way then ask for permission. Chairman Hansen stated that we picked them over two other lower bids to begin with. Matt stated that GeoStrata has not done anything since the field trip last week. Board Member Thurgood felt that the board should split the cost with GeoStrata. Chairman Hansen stated that the board would pay them with the split amount of \$6,930.00. All board members were in consensus.

**5. Action regarding Jones & Associates to move forward with the design of Mathias & Evans Debris Basins**

Chairman Hansen stated that the proposal is for engineering, design, and geotechnical work 10% of the contract which is \$66,400.00, and 10% contingency for items that will come up. He explained that this is just an estimate. Chairman Hansen stated that he would like to have this go out to bid the first of the year.

**MOTION:** Board Member Roche moved to approve Jones & Associates to move forward with the design for the retention basins for Mathias Canyon and Evans Canyon. Board Member Thurgood seconded the motion. All in favor.

Matt asked if he should get another proposal from GeoStrata regarding the additional geotechnical work that needs to be done. Chairman Hansen stated that he would like another proposal that is a not to exceed figure. Matt stated that Jones & Associates will send it through to the Dam Safety Committee with the application for their review.

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

Chairman Hansen stated that there were 6 invoices to pay. He said the invoices are as follows: (1) GeoStrata for \$6,930.00, (2) Susan Obray \$92.50, (3) Jones & Associates for \$645.00, (4) Office Depot for \$20.10, (5) CE Butters for \$4,950, (6) Utah Local Governments Trust for \$115.00.

Chairman Hansen stated that CE Butters went down and did the debris removal, tree removal and channel cleaning above the Cherry Ridge Basin. He said they did about 800 feet of channel. He said there is a little bit more work that they need to do down there. Chairman Hansen asked for a break down on the hours that were spent doing this. He would like to hold off on paying them until they get the break down for what was done.

**MOTION:** Board Member Roche moved to approve payments to GeoStrata for \$6,930.00, Jones & Associates for \$645.00, Office Depot for \$20.10, ULGT \$115.00, Susan Obray \$92.50, and CE Butters \$4,950 provided they provide a breakdown of the work done. Board Member Thurgood seconded the motion. Roll call vote.

Board Member Thurgood yes  
Board Member Roche yes

Board Member Hirschi yes  
Chairman Hansen yes

**Motion approved:** 4 yes 0 no

Chairman Hansen stated that there was a section of the Cherry Ridge basin that couldn't be cleaned because it is on private property. He said there are three property owners that has bought land across the channel. Chairman Hansen said that one of them has a couple of trees laying across the channel and a ladder and other items. Another individual started landscaping. He said he was going to send them a certified letter telling them they are responsible for any blocking of the flood channel and that it is our recommendation that they remove all items from the channel or they could be liable for any potential flooding.

Chairman Hansen said that the next meeting will be held on October 21<sup>st</sup> and the September meeting will be canceled. Susan stated that at the next meeting they will have to have elections for Vice Chairman.

7. **Adjournment**

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