

CLUC Minutes 10/19/2015

Attendees: Jeanne Rynne, Rich Davis, Mark Kormondy, David McAvity, Andrew Beattie, Alex Shields, David McAvity

Guests: Meredith Inocencio, Jaren Tangan, Connor Tibke, Alexis Cariello,

Recorder: Bianca Janssen-Timmen

Meeting started at 3:10pm

Minutes from 08/17/2015 were approved as presented.

Introductions

ADA Parking Spaces – David McAvity

Last summer, David McAcity and Susie Seip were approached by a faculty member about the number of ADA parking spaces. Susie couldn't be at the meeting so Meredith agreed to be at there as knowledgeable professional for potential questions regarding ADA rules and regulations.

Susie also sent an explanatory email prior to the meeting, in which she stated that the College has more than the required ADA parking spaces; 62 vs. 31 as required by federal standard.

Discussing this issue, the CLUC noticed that while we have enough ADA parking spaces, they are not located in the most appropriate areas with the shortest distance to the main buildings.

Rich had a follow-up conversation with Susie and in this discussion they determined that six (6) additional spaces would suffice for now and the near future, if located strategically.

Ideally those six new parking spaces would be behind the Library but as Facilities already determined, the cost for installing a ADA appropriate door would be almost \$90,000 and those funds are just not available at this time.

In the following discussion, it was determined that the closest parking spaces and truly ADA accessible route to the Library would be on C-lot, following the path past the Com Building to the Library.

So the CLUC decided to make some efforts to keep the three (3) current temporary ADA parking spaces in the last row of Lot C (with close access to the Child Care Center and the Com) and creating three (3) more, plus one (1) van accessible space, just across from this location, once funds are available.

The Evergreen Conservation Corps (TECC)-Work Plan for SY 2015/16 – Jaren Tangan

The group indicated that the entire work plan for the 2015/16 school year hasn't been completed, yet, but they would like to get started on a high risk erosion area on one of the trails. The trail is entered from the south-west entrance on F-lot and the group's concern is that the path and a bridge on that trail won't be save anymore once winter comes around. They would like to make two (2) repairs to the stretch of the trail, located approximately 200 yards down the beach trail:

1. At the end of the bridge that spans over Barking Dog Creek an approximately 5.5 x 1.6 ft. erosion occurs. To remedy this erosion, the TECC suggested building a retaining wall to support the erosion area. They would like to install a water bar approx. 20ft above the bridge, which will help to divert water to the side of the trail during high precipitation events and extend the longevity of the retaining wall. For construction details, please see attachment.
2. The other concern is a channel, undercutting the bridge. The TECC would like to fill in the sides (when looking downstream) of the bridge with rubble/river rock fill that will break up the eddy that is forming at the edges under the bridge, causing the channel that undercuts the bridge. Again, for details see attachment.

In regards to risk assessment, TECC went with their plans to Mark Kormondy, Mark Lacina and Student Activities and they all approved the plans. Mark Kormondy or one of his Grounds staff will also be available should the group have any additional questions or face any unforeseen challenges. Funding for this project will be coming out of the TECC budget and will be completed by RAD and TECC volunteers. The group is planning on one month installation time and would like to be done by the end of November 2015.

The CLUC is in favor of this project and will recommend it to John Hurley for approval.

TECC also proposed to have their own tool shed. As for now, they store their tools in a RAD storage shed but over the summer some of their tools went missing. They talked to Mark Lacina and he would be willing to supply a space for the new shed and it would be funded through a special initiative fund by Student Activities.

The group at this point, was not sure if they would build or purchase the shed and doesn't have details about the location, so the CLUC asked them, to come back with more information about the location and details around the shed.

Andrew suggested approaching the Outdoor Program, who are pursuing a similar project and maybe partner up with them to share the cost and space resources.

Other

Jeanne and David gave an update on the smoking shelters, especially the one down at the CUP that will be altered to make it safer.

The meeting ended at 3:50pm.

The next meeting will be November 16, 2015

Project Title: Erosion Reduction and Repair

DATE OF PROJECT: N/A

Summary of Project:

The Evergreen Conservation Corps has assessed a high risk erosion area that we would like to provide relief for. This area is located in the north side of The Evergreen State college woods. Entering the south west entrance of the trail head at F-lot, the area is due west at approximately 200 yards down the trail on the beach trail. The area is the bridge that spans barking dog creek. At the end of the bridge approximately 2 x 1 ft of erosion is occurring. The total area that we surveyed is 80 sq ft. (13 ft X 4 ft) . **AS OF 0930 hrs on October 19, 2015 erosion has increased to 5 ½ ft x 1.6 ft. a total area at risk of washing out is 9 sq ft.**

Edge of trail when walking west toward the beach erosion is occurring at an alarming rate; From our surveying in the spring of 2014-2015 academic year we have seen less than 1 ft, as we returned from summer and surveyed the area it is greater than 1 ft (almost 1 ½ ft). This area sees high traffic during any time of the year and is a part of the main trail. This area presents a hazard for all who recreationally use The Evergreen State College Woods. We also ran into a couple that was enjoying our woods and stopped to talk to them about this problem. Their greatest concern was the washing out of the trail and the bridge. We have observed a canopy opening with minimal interception from rain. It falls directly on the up slope of the hill that is approximately 15-20 ft above the bridge when heading west toward beach.

The other concern that we have is the channel is undercutting the bridge. We have observed and conducted a small project to fill in the bottom right side of the bridge when looking downstream. It has proven to be successful in breaking up the eddie that has form under that side of bridge causing the channel to undercut the bridge. We are still concerned about the left side of the bridge by the area that has erosion occurring.

Suggested forms of relief:

For the Erosion we suggest building a retaining wall to support the erosion area. We have seen that directly above the bridge and erosion the area has good canopy interception for rain. We suggest that we install a water bar approximately 20 ft above bridge. This will help divert water to the side of the trail during high precipitation events and extend the longevity of the retaining wall. After construction of the retaining wall a layer of stone rubble/river rocks will be applied around the base of the new retaining wall. This layer of stone is a very old and reliable technique to mitigate the undermining effects of stream currents around the bridge foundation. The only

serious concern in the execution at this stage is maintaining the structural integrity of the bridge while we have workers around it. To support the weight we would suggest using cinder blocks as a hard base to wedge 2x4 stilts on beneath the bridge.

Costs of the Proposal:

This project would entail very little financial cost. The lumber required for the project could be easily harvested from numerous locations in the forest to minimize our footprint in any one place where material is removed.. Alternatively wood could be harvested to complete the project from a single mature alder tree, or immature conifer so long as the tree sports approximately 40-50 of material no less than 6 inches in diameter. We intend to purchase any fasteners or nails required for this project; an expense of no more than \$30 which will be absorbed by TECC's budget. This project should not require any new tool purchases on the part of the College, and manpower could be provided from R.A.D services or TECC's volunteers.

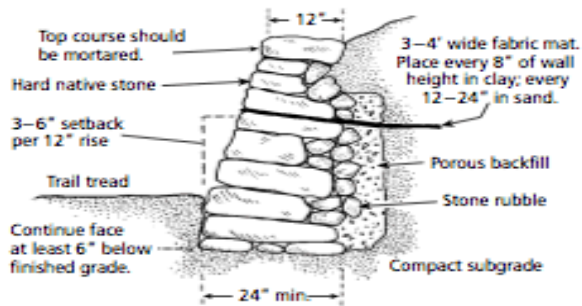
Project Legacy

We anticipate that our proposal to improve/replace the original retaining wall design will extend the life of the bridge by at least 5-10 years with minimal maintenance to account for gradual changes in water flow. The installation of water-bar/s at appropriate locations to mitigate rainwater runoff should significantly reduce the risk of further trail degradation. The bridge will have heavily reinforced support structures, and the trail will be protected from further erosion at both ends of the bridge.

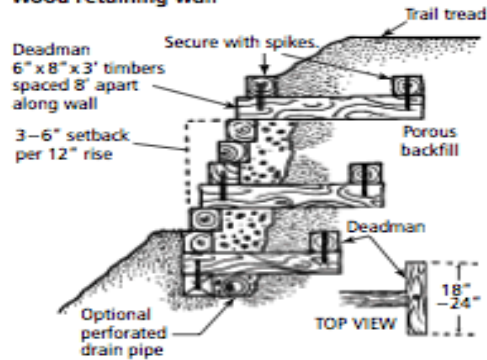
Diversion of Traffic

We plan to divert traffic 10-15 ft upstream from the bridge. It is a relatively low risk crossing; it has a Douglas fir tree that has fallen. We plan to notch this log to provide a more stable area for patrons to climb over. We will also tie a rope across this minor crossing to provide an area where people can grab onto while crossing. This area is not a high flow area; it is a sand bar with a minor channel on the far bank that is less than 1 ft deep and 1 ½ ft wide. The crossing will be marker with pink surveying tape. We also plan to mark off the work area with caution tape.

Stone retaining wall



Wood retaining wall



Timber Retaining Wall

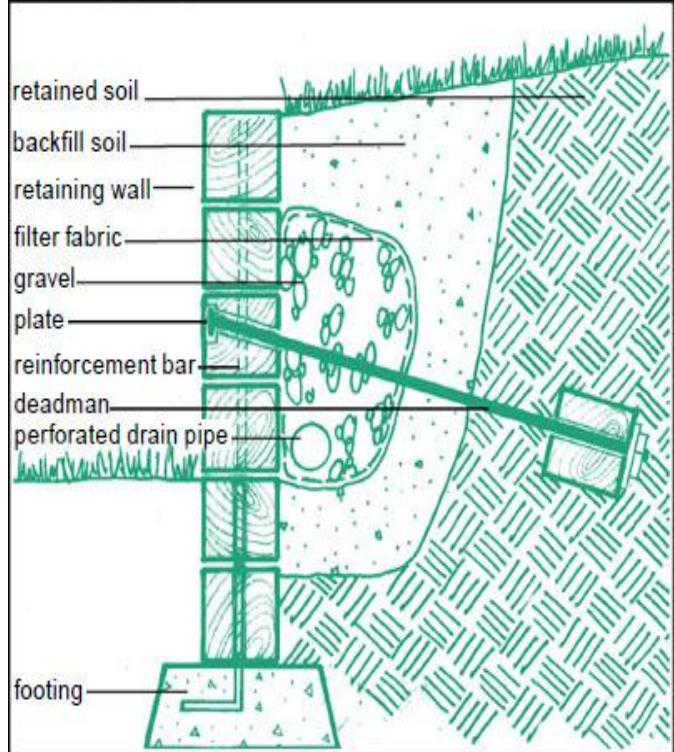
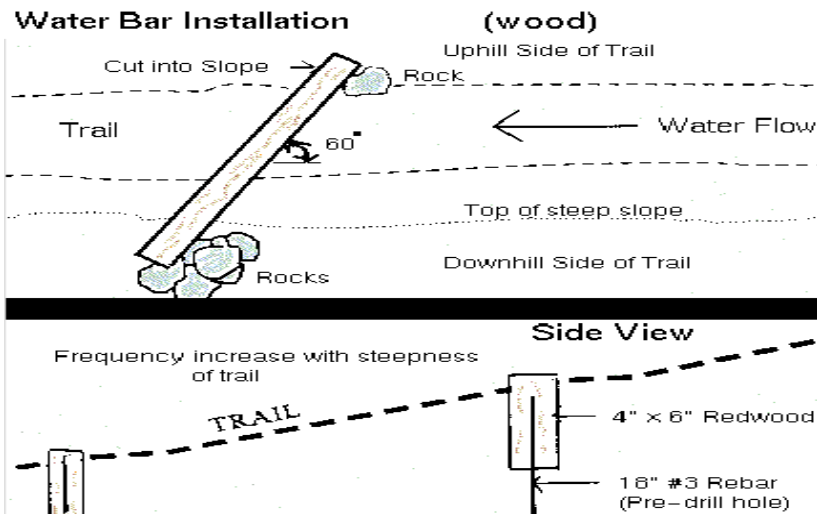


Figure 13-8. On steep slopes use walls to support the backslope or the tread.





A picture from the area that we are trying to provide relief for, this picture was taken on October 3, 2015.



This is the downward slope that the water runs onto and runs into the spot above. We have observed that there is little interception for precipitation due to a canopy opening above this area. (Taken on October 03, 2015)