

# Great Saltpetre Cave Preserve

Management Committee Meeting

October 9, 2104

Jerry Brandenburg's house 3707 Creek Road 45241

**Start: 7:34PM**

## **Committee Members present:**

Jerry Brandenburg

Scott Pavey

Tama Cassidy

## **Also present:**

Mark Skinner

Tammy Otten

Darlene Kisner

## **Committee Composition**

This was Jerry Brandenburg's first official meeting as Chair. Tama Cassidy will continue on committee. Jerry will contact Fred Ball to see if he would like to fill the other DUG seat. There were not enough members in attendance to make any changes or motions.

## **Motions still on table:**

Establishing a committee to resolve virtual meetings by November or December.

## **Treasurer's report**

Check email for report

## **Caretaker's Report**

The water pressure issues are still on table. Upper gate sign light good. Shower lights good. BC is working on PA system. He says we need to figure out how to keep people from playing with it.

Tama suggested labeling the system. JB suggested having two systems, one for PA and one for radio, with 2 sets of speakers. JB also suggested putting the PA system into a lockbox.

## **Old Business**

All October old Business still there, getting older.

All October new business is now old.

## **New Business**

-Driveway: Tama submitted information regarding water run off on drive into GSP. Proposal includes two different ideas to solve runoff problems. Refer to printout.

JB mentioned BC is looking into getting rid of the berm first to see what happens.

Suggested by Tammy Otten and Scott Pavey: look into getting a grant to repair drive.

-Suggested by Tammy Otten: Have a spring work weekend and invite scouts to come for service hours. Get age range of any interested and plan specific service appropriate to age. Have to scouts help with projects. Possibly start a badge project program for Scouts.

**Next meeting will be November 13, 2014**

## Existing conditions/problems

- steep slope
- Pavement failure from eroded subgrade
- runoff is high velocity due to slope & length  $\rightarrow$  increased the erosive power of runoff

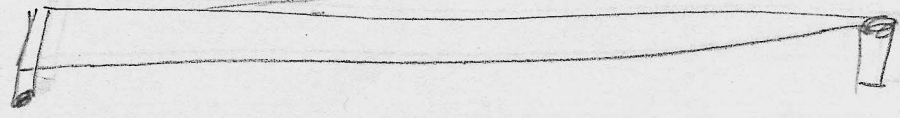
- Sizing of materials & design need to be calculated by an engineer.

## Needed

- repair considerations
- runoff needs to be slowed to decrease velocity & erosion power.
- convert runoff to structures that can slow down water & dissipate slowly.
- the whole driveway needs to be repaired and 2 ideas for new design are
  - ① • Crown road in the middle to divert runoff into parallel channels of rip rap
  - ② • make new driveway all gravel & install trough grates (zig zag down slope). Each trough discharges into pile of rip rap large enough to be a water still for a large rain.

1

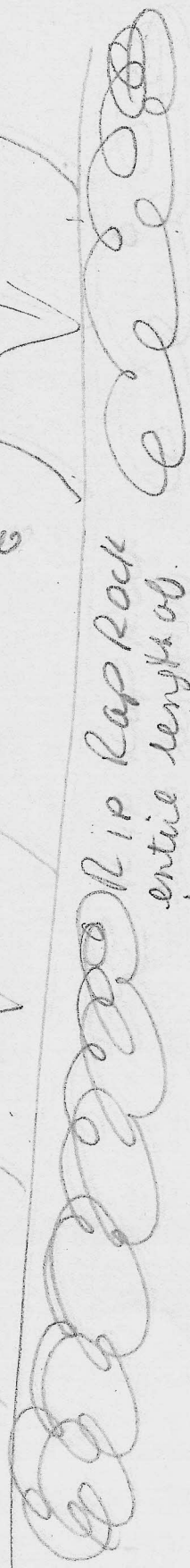
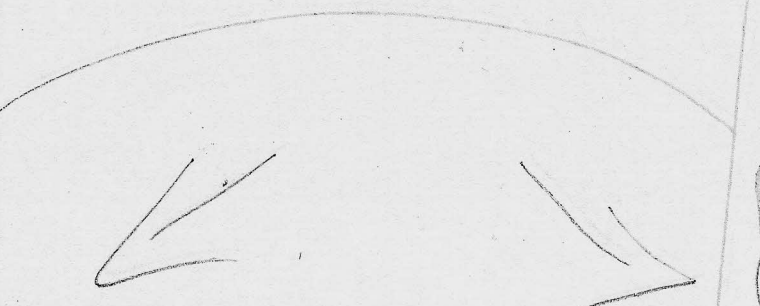
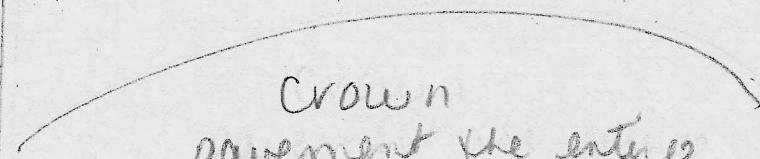
Gate



RIP RAP ROCK  
 First size or bigger



Crown  
 pavement the entire  
 length to convey  
 runoff to sides



RIP RAP ROCK  
 entire length of  
 driveway