

### Spruce Creek Trail Maintenance Log

Date	Location	Safety Status	Comments
4/5/18	SC4	2	Trail between Trail Head Ln. and Cumberland Valley TH. This section of trail has many badly eroded areas. The area just west of the CVTH where there is a big hill is to be tier off into elevations that are more horse friendly. The use of our Hemlock Timber will be essential to complete this task. This with the use of switch back will allow us to complete this task and control the water that has been eroding this hill.
4/5/18	SC3	2	Trail between Taft Story Rd and Trail Head Ln. Area to the west of Trail Head Ln. needs large rock removed from the trail because under leaves and grass are a danger to horses. Area just west of this is a muddy eroded spot that we want to put in a board walk/ bridge. The use of our hemlock timbers, telephone poles and true 2 inch rough sawed oak planks will be needed to build this structure. During construction a by pass will be needed to allow normal horse traffic. Area for said by pass has already been laid out. Expected cost \$4,000.00 to \$4500.00
4/5/18	SC2	2	Area between Indian Rock Trl. And Taft Story Rd. Needs much re grading. Culvert to the west of Taft Story Rd approx 500ft needs to be re worked as water and horse traffic has eroded the banks to a near dangerous level
4/5/18	SC1	2	Area between Teepee loop trail and Indian Rock Trl Rd. Needs re grading in numerous spots. Area on Roger and Joyce's property needs to be re routed, have spoken to owner and he(Roger) feels it will be no problem. Areas on trail that have Rip rap and large rocks are to be removed for use else where.
4/5/18	SCD1	3	Area just to the north of Spruce Creek needs re-grading. Needs all the large rock and Rip rap picked up off trail. The rip rap can be used in areas that are being eroded by water. New ditches are needed to be dug in an effort to redirect the water flow down the hill on Spruce Creek Drive just above(north) of Spruce Creek.
4/5/18	SCD1	2	First driveway approach to the east leading from 297 on Spruce Creek Drive has eroded by horse traffic, water and traffic. Area needs to be dug up, and re-graded, a culvert is needed. Use of an old piece of gas pipe given to us by Ricky Rains will work good as culvert.

4/5/18	T4	1 Safety	Trail at Spruce Creek Dr. And Walking Horse Ln. Culvert on trail needs replacing due to a hole that has been worn through. Currently there is a piece of wood over the hole to stop any one/horse from stepping through. Needs fixing or replacing immediately.
4/5/18	E	2	Trail starting at 297 needs re-grading. A number of WB (Water Bars) need cleaning out to allow water to run off trail. New water bars are needed as you get closer to the area of the proposed re-route. Large crevice at the top of hill needs to be filled and reclaimed back to natures use. In the middle of crevice a 4 x4 timbers to be placed and fence boards are to be placed across to stop anyone who might try to use this part of the trail. All rip rap on the surface of the Trail to be removed and either used as needed to stop erosion or taken back to pavilion for use else where.
4/5/18	E	2	
4/5/18	E	2	(3//28/18 Work day) Work crew of 5 people/ 1 one on a tractor. Culvert was dug out to allow water to run unencumbered, also water catch basin was dug in to allow water to run in a controlled manner. Entrance of trail at Evergreen In. was re graded in the hopes of controlling the water that runs off Evergreen Ln. Rip Rap was placed in to line the catch basin area. Rip Rap was rock that was reclaimed from areas on this trail it had become unsafe for horses to cross over it. Also Rip Rap was used to line the outer edges of the entrance at Evergreen Ln.
4/5/18	E	1	Evergreen trail re-route AT the top of hill where re-route begins tread is to be dug in approx.24" to 36" wide. After the removal of all over burden from tread area. Tread angle must between 5 to 7 degrees down slope. All trees and brush are to be removed from tread area by Danny Hatcher. Brush and trees will be put in old trails tread area in a effort to reclaim it back to nature, and stop anyone from trying to use the old trail.
4/5/18	E	2	Trail south end at Evergreen In. Entrance needs to be re graded. Approx . 100' into the Trail is a culvert that needs digging out and water control basin made. Trail from entrance out about 200 ft needs re grading plus a culvert placed in trail to keep water from road off our trail.
4/4/2018	E	1	Hill just south of 297 needs re-routing. Hill has eroded beyond repair. Owners have agreed to re-route. Waiting on survey to be completed and signing of lease.
4/4/2018	W2	1	Area of trail north of creek crossing and east of rock that needs to be roughed up. Re-grading of trail is needed to keep water from going down on

4/4/2018	W2	1	Trail just to the north of creek crossing needs big rock roughed up to increase traction for horses crossing over. Need to use a Jack hammer to rough up. Generator needed.
4/4/2018	W2	Priority 1	Creek Crossing washed out after hard rain. Crossing needs hemlock timber to be re-attached to river bed with Hilti anchors. Bricks to be layed in to area to the north approx 15 ft by 15 ft.. New timber to be added in place of old RR tie.
4/01/18	W2	1	Bob Hawkins Joe & Lorrain Coriaggio & Craig Fletcher worked on north side of creek crossing (Hatfield Creek Installed one 14.7' x12" x1w" hemlock timber along the outside edge (waters edge) of the north side of the crossing. Timber was anchored down to creek bed with Hilti anchors and 14" x 1/2" all thread rod. Capped off with washers and two hex nuts. 2 tractor bucket loads of #4 rocks were put in between them new timber and an existing RR tie approx a 10' x 12' area. Rocks were smoothed in and stamped. Also 3 tractor bucket loads of crushed run stone was placed on top of the #4's raked out and hand tamped very hard
4/01/18	TP4	1	Total re-grade of trail of section better known as the closed trail. Trail has many different sink holes. Bob & Pam Atwell allowed us to use their excavators, also they furnished 3 culverts. In the area of all the sink holes the ground was completely dug down to the stone foundation. One culvert was used to extended an existing culvert. Two culvert were put in to take care of the water flow problems this trail had been plagued with. Approx 150 hours were required to complete this project, including 3 workdays. Other work and tractor work furnished by Jim Prey. Trail was reopened on Dec. 16 <sup>th</sup> , 2017
3/28/18	W3	1	South side of creek crossing at Hatfield Creek. Rock that is currently the leading edge going into the creek needs to be changed. We have been directed to use a Jack hammer and create steps up and out of the creek. Steps must be wide and long enough to accommodate a horse. Going to need a Jack hammer, Hilti hammer drill and generator. If first step cannot be made using the stone, we will Use Another Hemlock Timber As our Leading Edge Into The Creek.
3/28/18	T2	1	North side of the Crockett Creek Crossing. Trail needs major re grading. Move or take out a number of the larger rock leading from the crossings edge. Approx.250 ft to the north of the crossing a new water bar timber is needed in a effort to direct water off the trail. There are a number if spots that Geo cloth is showing through and is bunched up.



Location Key	Location Description
E	Evergreen trail
H	Horse trail between Saddle Drive and Deer Haven Trail
J	Johnson Place trail
P	Pavilion trail
SC1	Spruce Creek trail from the Teepee intersection Indian Rock Trail road
SC2	Spruce Creek trail from Indian Rock Trail road to Taft Story road
SC3	Spruce Creek trail from Taft Story road to Trails End road
SC4	Spruce Creek trail from Trails End road to the Cumberland Valley trailhead
T1	Teepee loop from pavilion to the Spruce Creek trail intersection
T2	Teepee loop from the Spruce Creek trail intersection to Proctor Ridge trail
T3	Teepee loop from the Proctor Ridge trail, along Spruce creek drive to intersection with the Wild Cat Den trail
T4	Teepee loop from the Wild Cat Den trail intersection to the Pavilion
TW	Trail from Spruce Creek road to Tanglewood Subdivision
W1	Wild Cat Den trail from Spruce Creek road to Wild Cat Den road
W2	Wild Cat Den trail from Wild Cat Den road to Hatfield creek
W3	Wild Cat Den trail from Hatfield creek to BSF boundary
SCDT1	Trail starts at 297 continues to Spruce Creek creek.
SCDT2	Trail continues from Spruce Creek creek to the pavilion.
WL1	Trail from Wildcat Trl. Outward Tanglewood Blvd.

Safety Status	Description
Priority 1	Unsafe. Needs immediate attention.
Priority 2	Needs attention soon.
Priority 3	Can be worked in on any given work day