

STATE OF NEW HAMPSHIRE



Passenger Tramway Safety Board



Office: c/o N.H. State Fire Marshal's Office
110 Smokey Bear Blvd., Concord, NH
Mailing Address: 33 Hazen Drive, Concord, NH 03305
603-223-4289, FAX 603-223-4294

Table with 4 columns: Selden Hannah (Chairman), Mark Petrozzi (Member), Robert Hoyt (Member), Stanley Judge (Member)

NEW HAMPSHIRE PASSENGER TRAMWAY SAFETY BOARD MEETING MINUTES 10/11/2017 Final

Attendees:

Board Members: Selden Hannah, Chairman. Bob Hoyt Stanley Judge

NH DOS: Nancy Ettelson Scot Woolfenden Briggs Lockwood

Industry: Garrett Poole Jay Bristow Tim Smith Ross Stevens Rich Combs John Pendleton MND Group MND Group Waterville Valley Ski Area Stevens Engineering SkyTrans Mfg SkyTrans Mfg

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The meeting was called to order by Chairman Hannah at 9:10 am.

Agenda item #1:

The board reviewed the minutes of the previous meeting dated 9-22-2017

Motion was made by Stan Judge to accept the minutes

Second by Bob Hoyt.

No discussion

Motion passed unanimous.

Agenda item #2:

Waterville Valley presented the board with an application for construction of a new T-Bar on High Country. Jay Bristow passed out to the board the construction documents for the new T-Bar.

The board reviewed the information presented.

Ross Stevens will be the construction engineer.

Chairman Hannah questioned the tensioning of the grip. Garrett Poole and Jay Bristow explained how the grip functioned and the pretention of the cupped washers. Chairmen Hannah was concerned that the cup washers would not be crushed due to improper pretentioning.

Ross Stevens explained to the board that Bob Paul (RPE Electrical Services, Boyne City, MI) would be the electrical engineer for this project. He will be providing his own electrical drawings for the high and low voltage systems. These will be provided with the "as built" submittals.

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Briggs Lockwood asked if the AC drive had dynamic braking and how the service brake applied. Garrett Poole explained that the drive does have dynamic braking and the brake applies at zero speed and on a rollback.

Chairmen Hannah asked if the lift would require any braking according to the ANSI B77 rules. This information would have to be determined at the acceptance test and the braking adjusted accordingly.

Discussion continued concerning the use of the brake as a rollback device and a service brake. Due to the dynamic braking of the motor this did not seem to be an issue. Garrett Poole informed the board the rollback detection is an A/B sensor.

Chairman Hannah pointed out that there are several missing mechanical drawings, for example the gearbox. Garrett Poole explained that they were not complete at this time but would be included in the "as built" submittals.

Motion made by Stan Judge: to approve the application for construction of the High Country T-bar.

Second by Bob Hoyt.

Discussion:

Stan Judge pointed out the design clearances should be consistent between the application and the submitted drawings. He also asked that the use of the brake as a rollback device should be indicated somewhere in the documents.

Chairman Hannah reiterated the need for the submittals to be in English.

Motion Passed. Vote was unanimous.

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Agenda item #3:

Waterville Valley submitted two applications for construction of two conveyors (Upper pasture conveyor and Lower pasture conveyor) on the site of the recently removed J-bar.

The board reviewed the documents.

Briggs Lockwood pointed out the application for the Upper conveyor indicated only one attendant was necessary. ANSI B77.1 standards require that conveyors with a length greater than 400 ft. require two attendants.

Chairman Hannah asked about the transitional stop. Garrett Poole explained the operation of the stop to the board.

Stan Judge questioned the calculations on the lower conveyor. It appears there is a discrepancy on the application to the documents of the horse power required. Ross Stevens will investigate and clean up the documents as necessary.

Motion made by Bob Hoyt: To approve for construction the Lower pasture conveyor and upper pasture conveyor at Waterville Valley Ski area.

Second by Stan Judge.

No further discussion.

Motion passed. Vote was unanimous.

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Agenda item #4:

Whaleback ski area submitted documentation for the continued construction of a T-bar. They are asking the board for approval to erect the structural components of the lift only.

The board reviewed the documents provided.

Rich Combs gave the board an overview of the project to date. The concrete is completed and all foundations are backfilled. The towers and sheave assemblies are in the process of being refurbished. The new haul rope is onsite and will be spliced by Brian Lamay.

John Pendleton asked the board if they needed to provide construction documentation on the actual structural components seeing that many of them are being reused.

Chairman Hannah explained that this documentation is not necessary for the reused components but that a statement indicating the components are still viable would be required.

Chairman Hannah inquired about rollback protection. Rich Combs explained there would be a rollback dog that would act on the drive bullwheel and a service brake would be incorporated in the design.

Motion made by Bob Hoyt: To approve for construction the structural components of the T-bar contingent on receipt of a statement from the engineer that all existing structural components have been evaluated and are fit for continued use.

Second by Stan Judge.

No further discussion.

Motion passed. Vote was unanimous.

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The board tentatively set the next meeting date for November 6 or 7 at 9:00 am, 110 Smokey Bear Blvd..

The board thanked Mrs. Lockwood for the fabulous apple pie she provided for the meeting.

Motion made by Bob Hoyt: to adjourn.
Second by Stan Judge.
No discussion.
Motion passed. Vote was unanimous.

Meeting adjourned at 11:35 am.

Respectfully submitted,

Scot Woolfenden