

GLENBROOK HIGH SCHOOLS

TO: Dr. Mike Riggle
Hillary Siena

FROM: Kimberly L. Ptak

DATE: SEPTEMBER 26, 2011

RE: DISCUSSION/ACTION: CATWALK FALL ARREST SYSTEM – GBN & GBS

Recommendation

It is recommended that the Board of Education approve the installation of a lifeline, harness system on the GBN catwalk in the amount of \$14,500 and the GBS catwalk in the amount of \$5,800.

Background

As discussed at the September 12, 2011 board meeting, Glenbrook North has a three tier catwalk system for lighting in its Center for Performing Arts. When the catwalk system was originally built, it was installed with a fall arrest system consisting of a lifeline and a waist harness system. The waist harnesses have since been outlawed as they do not meet OSHA code.

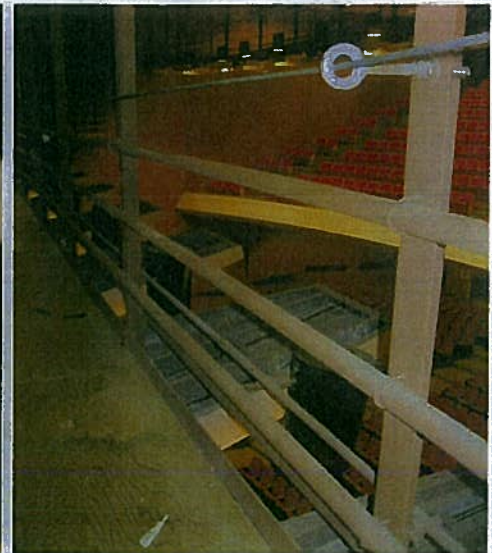
Over the last couple of months, we have been reviewing the safety of our catwalk system with our SSCRMP risk manager and reviewing many options. The option that is proving the most viable is to install a new lifeline which would support a full body harness system. This option is estimated to cost \$14,500. The existing lifeline has been recently tested by a structural engineer and is not structurally equipped to support the necessary loads.

Below are pictures showing the existing catwalk. Photos 1 and 2 show the 36" opening which is necessary to hang the various stage lights. Photo 3 shows the existing lifeline that we are recommending be replaced.

In addition, Glenbrook South has a smaller catwalk system that needs a similar lifeline, harness system. The cost is \$5,800. This expense will be covered by discretionary funds included in the budget.



Picture 1- View of Railing

Picture 2- Opening
36" openingPicture 3- Intermediate Rails
* existing lifeline
system