

INVEST IN ASSET PRESERVATION & ENERGY EFFICIENCY

HASTINGS CIVIC ARENA



ABOUT THE HASTINGS ARENA

The Hastings Civic Arena is among the top arenas to play within the State of Minnesota. The arena is widely known for its history and vintage-style design and consists of two ice rinks, locker rooms, concessions, and more. The Civic Arena's East rink with the wooden roof was originally constructed in 1974 and the West rink with the flat roof and the expanded lobby were built in 1998 through a joint effort with the Hastings School District. It is widely used by youth and adults for ice skating, lessons and hockey tournaments. More than 125,000 people visit the arena annually. Several Hastings youth spent their formative years on Hastings' ice and have gone on to play in the National Hockey League.

PRESERVATION & ENERGY EFFICIENCY NEEDS: \$2.9 M

The arena is a regional asset for skating and hockey tournaments. However, the R-22 freon refrigeration system used in the arena can no longer be produced or imported under federal law and needs to be converted to an ammonia-based system, which requires building modifications. This is also an asset preservation project. The current 23-year-old roof covering the West rink is flat and continues to leak, even though it has been repaired multiple times, with the most recent repair three years ago. A study identified that the best course of action is to construct a built-up roof with solar panels that will protect the building from water intrusion, use an alternative energy source and be energy efficient.

50/50 Cost Share

State Request: \$1.45 M + City Expenses: \$1.45 M

Details:

- Design Fees \$182 K
- Construction \$2.5 M
- Inflationary Adjustment \$239 K (estimated)



CURRENT REFRIGERATION SYSTEM



CURRENT ROOF

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HASTINGS CIVIC CENTER ARENA



LOCAL & REGIONAL SIGNIFICANCE

The Hastings Civic Arena is a public facility that is used by individuals, the Hastings High School boys' and girls' hockey teams, youth boys' and girls' teams through the Hastings Hockey Association, Riverblades skating school, adult hockey leagues, and summer hockey and figure skating camps, as well as teams from Cottage Grove, Red Wing, Rosemount, Farmington and elsewhere in the region. During non-winter months, the facility hosts a variety of dry-floor recreational and public events, including the Hastings High School graduation party. Also during non-winter months, professional box lacrosse teams, Hastings Youth Baseball and Hastings Soccer teams use the facility.



ENVIRONMENTALLY FRIENDLY

The City of Hastings Civic Arena uses an R-22 freon refrigeration system, which can no longer be produced or imported under EPA guidelines. The age of the system requires maintenance and upkeep, with the R-22 increasingly difficult and expensive to obtain. Without converting to an alternate refrigeration system, the Civic Arena could be required to close. A 2017 study by Apex Efficiency Systems, as well as a 2021 update, recommended an ammonia-based refrigeration system, which requires building modifications.



ASSET PRESERVATION & ENERGY EFFICIENCY

With the Apex study, the City also looked at options for adding roof-top solar panels. A 160 kW array on the West rink roof was recommended, after replacing the roof with a modified built-up roofing system. The roof has been repaired on multiple occasions, but water continues to infiltrate the building through the roof. A new roof will improve water drainage, eliminate water intrusion and protect the building and its systems for years to come, as well as allow the best roof for the solar panel array. The project will enable the continued maintenance and use of the existing facility and invest in clean energy.

