

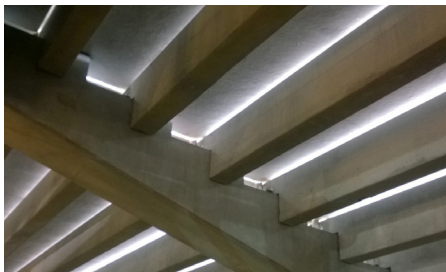
WHY PRECAST STADIA?

If you have attended sporting events or concerts, you most likely have been seated on precast stadia and didn't know it.

As the architectural engineering and building trades have advanced, so have the structures that house these multipurpose facilities. Stadiums must possess a variety of attributes including an attractive look, family friendly interior, including ease of ingress and egress, design flexibility and the ability to comfortably and safely house the attendees. The almost universal answer for modern sports venues has been precast concrete components.

Traditional precast concrete products for stadiums include stadia riser sections, raker beams, columns, a variety of structural wall panels, and hollowcore planking. These components can provide many options for architects and engineers.

Using precast stadia sections and other precast components, including stairs and intermediate steps, will provide many advantages:



*Underside of Stadia Located at CHS Field-Lowertown Ballpark, St. Paul, MN
(Precaster: Wells Concrete)*



*CHS Field-Lowertown Ballpark, St. Paul, MN
(Precaster: Wells Concrete)*

- A platform for all trades to work from early in the schedule.
- Precast stairs can be utilized at the same time to provide immediate access between floors
- Longer spans to allow for more flexibility in the areas underneath.
- Flexibility of design to allow varying rise and run.
- Cost efficiency due to the rapid installation.
- Excellent fire-resistant properties.
- Superior sound and vibration control characteristics.
- Long term durability along with low maintenance.
- Quality controlled production in a stable environment.
- Year-round manufacturing and erection.

Early discussions with the precaster should be an integral part of the design process to maximize the benefits of the use of precast concrete in a modern stadium.

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