

CASE STUDY



PROJECT DETAILS

Project Name:

The Massey

Location:

Hudson, WI

Key Products:

Hollowcore Plank, Solid Slab, Columns and Beams

Architect and Engineer:

Nelson-Rudie & Associates

Contractor:

Royal Construction

Erector:

Zachman Precast

Owner:

Mayer Road Ventures, LLC

Product Manufacturer:

County Prestress

County Prestress' Hollowcore Promotes Efficient, Cost-Effective Concrete Podium Construction

Solutions: Partnership with erector accelerates construction of prestressed podium for multifamily complex

Located just 20 minutes outside of St. Paul, the city of Hudson, WI offers both the charm of a riverside town and the convenience of urban living. The Massey, an 85-unit luxury apartment complex, was built to attract residents searching for more affordable housing options than they could find in the Twin Cities.

Hollowcore planks, solid slabs, and columns and beams manufactured by County Prestress were specified to construct the building's podium. Project developers chose hollowcore for its high load capacity, which requires fewer support columns across wider spans than alternative materials. Its prestressed fabrication contributes to high fire and Sound Transmission Class (STC) ratings that enhance occupant safety and comfort.

Continued on page 2.





Ready-to-install prestressed components offer significant time and cost savings. County Prestress' Hollowcore and Columns and Beams are made to specification during production and arrive on site ready for installation. This process eliminates additional preparatory work, which reduces labor costs and site disturbance. With enhanced thermal properties, hollowcore provides high energy efficiency, leading to lower heating and cooling costs over its prolonged service life.

County Prestress' delivery team worked closely with the erector, Zachman Precast, to coordinate efficient delivery and erection schedules, leading to a timely completion of this project.



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Project leaders relied on hollowcore's ease and speed of installation and County Prestress' comprehensive service approach to aid in the timely completion of this project.

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