

Country Music Hall of Fame & Museum

Nashville, TN

Location: Nashville, TN

Designer: Tuck, Hinton Architects, PLC

Contractor: AM Constructors

Owner: Country Music Foundation



Lightweight concrete made with STALITE lightweight aggregate was an important component of the new country Music Hall of Fame and Museum in Nashville, TN. The 130,000 square foot structure cost \$37 million to construct, and has a unique design that is a beautiful addition to the burgeoning Downtown Nashville area. Spanning an entire city block, the structure features an 11,000 square foot conservatory, a 214 seat theater, 2 large galleries and state of the art features like sound proof booths and high tech audio video equipment.

Lightweight concrete was part of the 14,000 total cubic yards of concrete used in the museum in elevated floor slabs supported on metal decking and steel beams. Lightweight concrete on metal decking is one of the most common uses for STALITE lightweight aggregate. The benefits include reduced dead loads to the steel structure, and greatly improved fire ratings.

The concrete supplier was Metro Ready-Mix, which has nine plants in the Nashville area. The architect was Seab Tuck of Tuck Hinton Architects. American Constructors served as general contractor. Altogether there were 13 engineering/consulting firms, 62 major subcontractors and suppliers and 310 subcontractors and sub-suppliers involved with this project. The country Music Hall of Fame is a stunning addition to downtown Nashville's character and skyline, as well as a good example of how STALITE lightweight aggregate can be used to improve the structural properties of unique structures.

Built with

