



1105 West Peachtree Complex

Ready Mix USA is in the process of providing an estimated 80,000 cubic yards of concrete for the construction of 1105 West Peachtree, a new office, hotel and residential complex in midtown Atlanta.

When complete, the innovative 3.5-acre development will feature three buildings: a 31-story, 660,000-square-foot office tower, a 64-unit condo tower and a 178-room hotel.

The three-tower complex of 1105 West Peachtree is expected to take up an entire city block and stand above a mass-transit rail station, requiring a unique foundation design with an innovative concrete mixture and pour conditions. The foundation required nearly 20 transfer girders built using ultra-strong 8,000 psi mass concrete, poured at temperatures below 58 degrees Fahrenheit. Ready Mix USA set up two liquid nitrogen stations at its Midtown Armour Plant (bottom right photo, above) to chill the ready-mix concrete to meet the stringent specifications and deliver each load at the correct temperature.

Location: Atlanta, GA
Category: Commercial
Cubic Yardage: 80,000+
Project Value: \$530 Million
Date: 2019-2020



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