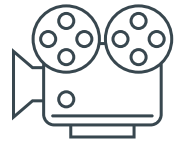


SITUATION

With Proof of Concept delivered on our first 3DCP 8,000 SF addition in Athens, TN, Walmart requested a second build at its Supercenter in Owens Cross Roads, AL. To meet consumer demand for online pickup and delivery, we 3D concrete printed walls for the 5,000 SF OPD addition in record time. Proof of performance for 3DCP has been delivered.

- 5,000 SF
- 75 print hours
- 11 days onsite; 7 print days
- 5-person crew
- 2 RIC Robots
- Built in 2025

[SEE THE VIDEO HERE](#)



RESULTS

FMGI adapted traditional construction processes to incorporate this new technology and industry specs are evolving to standardize 3DCP as a component of construction. 3DCP infuses efficiency, consistency, precision and sustainability into new builds, renovations, remodels and additions. Building cheaper, faster and safer are just a few of the benefits realized by 3DCP.



3DCP COMPARED TO A TRADITIONAL CMU STRUCTURE

3DCP	CMU
40-60% less labor required (5-man crew)	8-12-man crew
75% less time onsite (11 days total)	onsite 28 days total
55% less waste (4.5% waste factor)	10% waste factor
350% stronger (7000 psi breaking point)	2000 psi breaking point



TEAM **FMGI TEAM:**
Cory Clevenger, Project Manager
Danielle Zinn, Assistant Project Manager
Nick Pulley, Superintendent

TECHNOLOGY:
[Alquist 3D](#)

SPECIALISTS:
Southern Trades
Sika