

# Springdale Public Works

Springdale, Ark.



**Challenge** – Greater salt storage capacity

**Solution** – Hercules Truss Arch Building

**Size** – 50' wide x 84' long

**Application** – Salt storage

The Springdale Public Works Department manages and maintains over 900 lane-miles of roadway throughout the city of Springdale; the fourth largest city in Arkansas, which is nestled in the northwest corner of the state. The department is lead by Public Works Director Sam Goade, whose job is to ensure that his team has adequate equipment and materials to keep the city's roads safe during winter weather events.



Springdale and the surrounding area suffered a dramatic ice storm during the winter of 2013, and at that time the Public Works Department was storing their salt in open-top concrete bins that had to be covered with tarps and could only accommodate 50 tons of road salt. Goade said, "After the 2013 ice storm, the department decided it was time to ramp up our winter weather program, which included increasing our salt storage."

Goade began doing research, as well as visiting several local facilities, but each type of building he visited had a history of issues both big and small. Goade said, "Our research lead us to a truss-fabric structure, and ClearSpan was the obvious choice because of their track record with salt storage and the quality of their design and materials." The Springdale Public Works department went on to purchase a 50' wide by 84' long ClearSpan fabric structure with 7' tall concrete sidewalls, and the structure had the ability to hold 1,000 tons of dry salt.

Since the purchase in 2014 the building has made life easier for the Springdale Public Works Department. Goade said, "The building has been in service for two winters and it has made a remarkable difference in our ability to efficiently administer our winter weather program." The new ClearSpan building has allowed the Public Works Department to pretreat roadways with 200 lb/lane miles, because of the adequate salt storage the building has provided. Goade said, "The ClearSpan structure enables us to order salt in the offseason in much larger quantities at a much lower per-ton price."

Goade enjoys the natural light the building provides claiming, "No interior lighting is necessary during the day, even on a rainy day." The Springdale ClearSpan building contains two doors at the front entrance allowing any type of heavy machinery to enter the building with plenty of room to maneuver safely.

"ClearSpan was a pleasure to work with on this project," said Goade, "From the customer service and assistance from first inquiry to final inspection, ClearSpan was always there every step of the way."

