



**Build
Faster**

COLORADO DEPARTMENT OF TRANSPORTATION

**VAIL PASS
SAND STORAGE
FACILITY**



Your salt and sand storage solution, engineered and manufactured by Sprung Structures



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About The Project

THE CLIENT

The Colorado Department of Transportation (CDOT) administers state government transportation responsibilities throughout all of Colorado, ensuring the state has a safe and efficient highway system by building and maintaining interstates, U.S. highways and state highways. Among CDOT's primary responsibilities and services are snow and ice operations, roadway preservation and construction management.

www.codot.gov

THE ASK

In 2001, members of CDOT identified a need for a sand storage facility along Interstate 70's Vail Pass, a 10,662-foot-high mountain pass in the Rocky Mountains of central Colorado. Often treacherously icy in the wintertime, Vail Pass requires frequent applications of traction sand throughout the season to ensure safer travel for drivers. CDOT wanted a durable, spacious facility to store this sand in order to keep it dry and easily accessible for use along the pass. The department turned to Sprung for a fast, cost-effective and reliable solution.



2001



2024



2024





2024

HOW SPRUNG DELIVERED

Sprung designed and delivered a 120' x 130' sand-storage structure engineered to meet—and exceed—international building codes for snow and wind loads. Sitting atop a concrete foundation, the structure, nicknamed the Sand Box by CDOT workers, holds 9,500 tons of sand, which is easily accessible to highway maintenance trucks via a 20' x 30' rolling service door.

Built in 2001, the Sand Box remains in excellent condition more than 20 years later and continues to play an important role in keeping the I-70 safe for drivers along Vail Pass. Thanks to this Sprung structure, CDOT has been able to protect its sand supply from the elements, which, in turn, helps the department reduce its sand use and wastage each winter season.

THE SPECS

120' wide x 130' long | Concrete wall foundation
20' wide x 30' high rolling service door



2001



CLICK HERE TO WATCH
SPRUNG' PUBLIC WORKS VIDEO





2001

Sprung Knows Public Works

We have a proven track record with numerous structures around the world. See Sprung in action at:



To learn more visit:
www.sprung.com/publicworks



2001



2001

The Sprung Difference

► SPRUNG CARES

Our teams work in some of the most vulnerable environments and harshest conditions. At Sprung, we are deeply committed to positively impacting the communities we serve, and applying our innovative ideas to help solve complex problems.

► UNMATCHED REPUTATION

Invest in the world's most reliable, versatile and technically advanced structures; Sprung has erected 12,000 structures in more than 100 countries.

► ENGINEERED FOR EXTREME CLIMATES

Sprung structures are engineered to withstand extreme weather conditions.

► IMMEDIATE DELIVERY FROM INVENTORY

Complete projects in a much shorter time frame than conventional construction.

► CUSTOMIZABLE

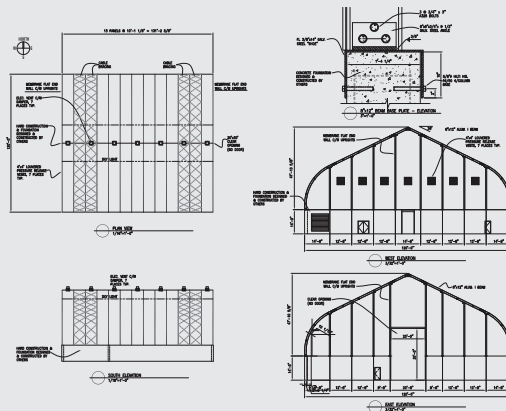
Customizations include performance insulation packages for superior indoor climate control, peak integrated daylight panels, doors and entryways for every application, and countless accessories.

► LIMITED FOUNDATION REQUIREMENTS

Save on foundation costs where appropriate soil conditions exist. Concrete foundations are not required for Sprung structures up to 160 ft. in width, saving time and cost for installation.

► COST-EFFECTIVE, COMPACT SHIPPING

Enjoy the convenience and cost savings of shipping up to 15,000 sq. ft. in a single, standard ISO container or flatbed truck.





About Sprung

Sprung Structures provides rapid-response buildings to a wide range of leading businesses and organizations including global armed forces, the natural resources industry, the manufacturing, commercial gaming and education sectors, disaster recovery, healthcare and aviation, as well as to the sports and recreation industry. Our patented tensioned membrane technology outperforms other building alternatives with a faster, better build.

Sprung has designed and patented tensioned membrane technology that outperforms other building alternatives and offers a faster, better build.

You can trust us to design and manufacture your facility with speed and quality that will exceed your expectations. Our clients demand it, our history proves it. In business since 1887, Sprung has completed over 12,000 structures in more than 100 countries.



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