



BUILDING & MECHANICAL DESIGN SERVICES

U.S. FOREST SERVICE

Council Bluff – Mark Twain National Forest

The Mark Twain National Forest employed Integrity Engineering, Inc. for engineering and architectural design services for the renovation of an existing bathhouse, the drinking water system, and the wastewater treatment system at the Council Bluff Recreation Area of the Potosi/Fredericktown Ranger District, Mark Twain National Forest in Iron County. The bathhouse was totally renovated, including finishing of additional areas, adding new plumbing fixtures, adding full ADA compliance, installing new concrete patios, and increasing energy efficiency.



Water system improvements included designing a new well house, complete with separate chlorination room and full liquid chlorination system for the park water system. Other water system improvements included a new pressure tank and storage tank to provide adequate detention time for the chlorination.

Wastewater system improvements included new controls for the bathhouse lift station, installation of a new synthetic liner in the irrigation storage pond, installation of a new solid set impact sprinkler system and new time based controls for the operation of the sprinkler system.

