

# ANOTHER GTFC-West AGGREGATE PIER PROJECT



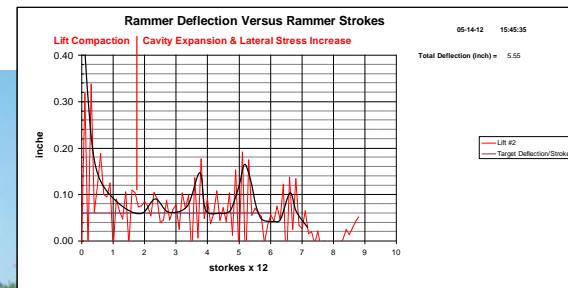
**PROJECT:** Sheridan College – New Academic Center (Whitney Building Addition)

**LOCATION:** Sheridan, Wyoming

**DESIGN TEAM:** *Architect:* CTA Architects & Engineers : Billings, MT  
*Structural Engineer:* CTA Architects & Engineers : Billings, MT  
*Geotechnical Engineer:* Ground Engineering Consultants, Inc : Casper, WY

**CONTRACTOR:** KWN Construction : Sheridan, WY

**OWNER:** Sheridan College : Sheridan, WY



## DESCRIPTION:

- 2-story structure with slab on-grade
- Up to 3' of new structural fill placed to establish floor grade after pier installation
- Aggregate piers used to support foundations as well as the slab on-grade
- Soft CLAY to 19'-22', with groundwater at 12'
- Allowable bearing pressure = 5000 pounds per square foot for aggregate piers
- This project required State of Wyoming Resident Contactor status

**REFERENCES:** Brian Bolton, Project Manager  
KWN Construction

Carl Henderson, P.E.  
Ground Engineering Consultants