

PROJECT DESCRIPTION

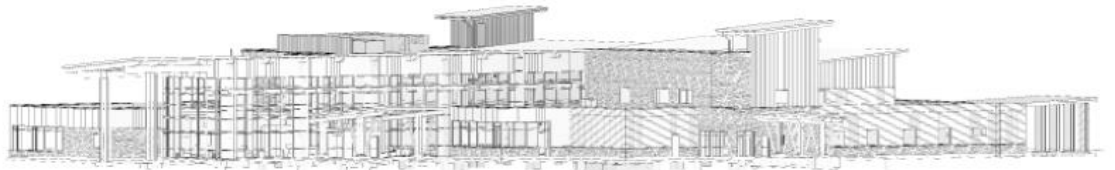
PROJECT: St. Charles Hospital

LOCATION: Prineville, Oregon

DESIGN TEAM: *Architect:* Neenan Archistruction : Ft. Collins, CO
Structural Engineer: Walker Structural Engineering : Bend, OR
Geotechnical Engineer: Wallace Group : Bend, OR

CONTRACTOR: Neenan Company : Fort Collins, CO

OWNER: St Charles Health Systems Inc : Bend, OR



“Our team really appreciated the crew that we received from you guys. The work was done quickly and cleanly and the time frame is evidence of a great game plan.”
(Jake Coutts, Neenan Company)

DESCRIPTION:

- New 2-story, steel frame hospital building (approximately 40,000 square foot footprint)
- 2'-5' of newly compacted granular fill underlain by up to about 10' of variable, old granular fill
- Beneath the fills were alluvial deposits of clayey SILT, silty CLAY and silty SAND with highly variable density and consistency, all underlain by sand and gravel
- Groundwater at 10' ± below grade
- GTFC-W Aggregate Piers increased the allowable bearing capacity from 2500 psf to **6000 psf**

REFERENCES:

Jake Coutts Neenan Company	Joe Ashcraft Neenan Company
Jon L. Walker Walker Engineering	Mark Herbert P.E. Wallace Group