



Wastequip Crane Retrofit

Albany, Oregon



Project Type:

Building strengthening for bridge crane installation

Building Tenant:

Wastequip, Albany, OR

Contractor:

Bob Grant Construction

Pillar's Responsibilities:

Structural Engineering

After installing a new bridge crane, it was discovered that the crane was causing excessive deflection in this pre-engineered metal building, which was leading to roof leaks.

Pillar Consulting group came in and retrofitted the existing building to handle the new loads. Two methods were used to strengthen the building and reduce deflections. At locations where work flow allowed, column were added at the center of the building to reduce frame loads. At locations where columns were not feasible, the frames were strengthened for the new loads.

Structural Engineering

for more information contact John Evans, P.E. at 541-752-9202 x. 114



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