

## **ANOTHER GTFC-WEST AGGREGATE PIER PROJECT**

**PROJECT: CANBY POLICE FACILITY  
CANBY, OREGON**

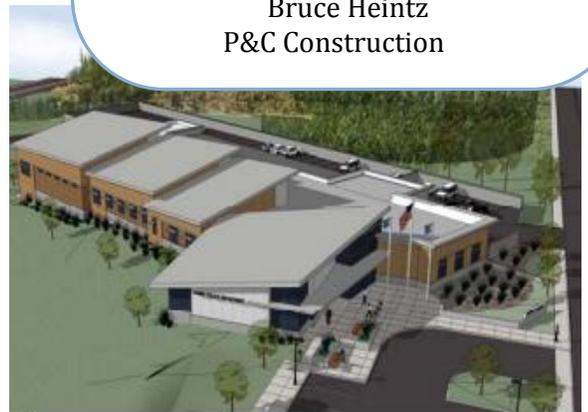
**DESIGN TEAM: GROUP MAKENZIE - ARCHITECT  
GROUP MACKENZIE - STRUCTURAL ENGINEER  
GEOCON NORTHWEST - GEOTECHNICAL ENGINEER**

**CONTRACTOR: P&C CONSTRUCTION**



*The professionalism that GTFC-West exhibited throughout the project, from budgeting and design, coordination and quality of on-site installation, and close out of the project was nothing less than what was promised or anticipated. A trouble free and efficient start to a project is always beneficial for what remains, GTFC-West definitely provided that start for this project.*

Bruce Heintz  
P&C Construction



### **CONSTRUCTION NOTES:**

Total Engineered Aggregate Piers installed: 418  
Expected Days on Site: 8  
Number of Days on Site: 8 (includes additional field piers)

### **SOIL PROFILE & SUMMARY:**

This highly variable site is the location of a closed municipal landfill with over 20' of grading relief, requiring substantial cutting and filling. The site soils consisted of non-organic landfill debris in a soft soil matrix, soft to medium stiff alluvial silt and clay strata, and a daylight basement founded primarily within native dense, coarse sand and gravel. Once on site, the extent and nature of the landfill debris proved wider than anticipated; however, our engineers worked with the design team throughout the design and construction phases on value-engineering foundation options.

The GeoRam Engineered Aggregate Pier system provided uniformity for the foundation system and flexibility to account for unforeseen conditions, eliminating differential settlement concerns. The system also provided for reduced footing sizes via high allowable bearing pressures.