

# LOG YARD MODIFICATION

**CLIENT:** Seneca Sawmill  
**LOCATION:** Eugene, Oregon

The purpose of this project was to install a large and small log high recovery merchandising system and a whole log chipping system. The systems support both a random length sawmill and a stud mill. The systems include large log, small log, and chip log infeed decks; log processing optimization; residual conveying, chip production; and chip screening and storage systems.

Evergreen's project scope included civil, structural, and mechanical design and drafting for the log optimization area, chip log infeed deck, chip log handling system, and residual conveying system for the optimization and chip log area. Miscellaneous foundations and structures, such as foundations for a gantry crane and pneumatic conveyor support structures, were also included.

Major areas of work:

- Optimizing building layouts and foundations
- Optimizing building equipment foundations
- Optimizing building mezzanine floor structural steel and concrete
- Optimizing building residual conveyors design and detail
- Chipping system infeed decks
- Chipping system equipment foundations design and detail
- Chipping system residual conveyors design and detail
- Chipping system foundation design and detail
- Chipping building foundation design and detail

