

Project Information Sheet

Port of Grays Harbor Rail Improvement Plan · Aberdeen, Washington

Description: The Port of Grays Harbor (PGH) Rail Improvement Plan adds 36,000 feet of new rail capacity to the existing system in the Port Industrial Area with a project budget of \$18 Million. PGH selected RailPros, Inc. to design the project and Berglund, Schmidt & Associates, Inc. (BSA) provided the Land Surveying.

BS&A role: Following meetings with the RailPros, Inc. team, a route was identified and survey limits were established. BSA then performed the following tasks:

- Provided a project specific itemized vertical control network tied to existing PGH survey control
- Requested one-call utility locates and a private locate as needed
- Reviewed and checked utility markings with available record utility drawings
- Performed field mapping for the topographic survey
- All field work was transferred to the computer, checked, and was then drafted using AutoCAD Civil 3D 2009
- Once the drafting was checked in the field, it was emailed to RailPros, Inc. for design
- Additional tasks were:
 - Coordinating with on-going construction activities at the Port
 - Assisting RailPros, Inc. with ensuring the adjoining WSDOT SR520 Pontoon Construction Site design work was compatible with the rail design.



Some of the challenges we encountered were:

- Log yard truck traffic for the unloading and log stacker traffic
- Rail traffic throughout the project required having all staff involved take an additional rail safety training class for Certification from Puget Sound and Pacific RR / RailAmerica personnel and daily calls to the PSAP dispatch.

Having worked in the Port Industrial Area for the last 25 years and being located several minutes away from the site, BSA was able to meet the timelines and budget.

We are currently performing the construction staking on Phase 2 for the contractor Rognlin's, Inc. of Aberdeen.

Berglund, Schmidt and Associates, Inc. is a civil engineering and land surveying firm serving Grays Harbor, Pacific, Mason, and Jefferson Counties since 1956. Our firm provides the skills and services necessary to meet the engineering needs of industry, business and government of local communities. These needs vary from initial feasibility and environmental studies, through permitting and design phases, to construction and project development. Call us today if you need our help.