

Project Scope:

Since 1994, Great Northern Engineering has completed multiple projects across Alaska for Marathon Petroleum (formerly Andeavor and Tesoro Corporations).

Project Details:

- Completed process piping drawings and P&IDs for the 1994 Dolly Varden Platform modifications.
- Provided the IFC design for the new vertical LP separator foundations and steel in the Kenai Gas Field. The work included a soils report and geotechnical investigation.
- Provided the complete IFC design package for the new Whirly Scrubber at Kenai Gas Field Pad 41-7.
- Provided the design for Port of Alaska Terminal 2 warehouse modifications. Modifications included architectural and all engineering disciplines.
- Provided the design for the new truck staging lot at Andeavor Ocean Dock Terminal 3 at the Port of Alaska. The new truck staging lot included an expansion to the design a year later.
- Provide the tower lift design for three towers at the Kenai Refinery.
- Provided designs for approximately twenty Tesoro Stores and Gas Stations across Alaska. Designs included fueling systems, fuel storage, greenfield site evaluations, foundations, canopies, structures, store designs and layouts, car wash designs, remodels, mechanical, electrical, signage, and as-builts for new and existing systems.
- Provided the design for the Nikiski Pipeline to AIA relocation and subsequent performance specifications and defueling plans.
- Provided the design for the Ship Creek Pipeline relocation.
- Provided the design for the AFSC Pipeline 8-inch tie-in and branch fuel line to the Nikiski TAPC Pipeline.
- Provided the design for the Port of Anchorage Truck Loading Rack upgrades and modifications.
- Provided the design for the 40-foot Cellular Tower design for the Tesoro Building Complex.
- Provided design for the upgrades and modifications to the Tesoro Laboratory and Testing Facility.
- Provided hydrotest procedures, drawings, and documentation for multiple Tesoro pipelines across Alaska.
- Provided the design for the 60-foot and 120-foot Tesoro Industrial Building Foundation and battery limits in Kenai.
- Provided the design for the Tesoro Loading Rack in Kenai.
- Provided design and documentation for Nikiski pump remediation.

