



PROJECT:

Gallis Levee Rehabilitation – Green River

As the prime contractor, Cherokee Construction Services was required the complete reconstruction of 1,110 linear feet of levee along the Green River in Auburn, Washington.

The depth of excavation for reconstruction was around 18 feet, a depth which placed us at 3 feet below water level at low flow.

Access for reconstruction of this portion of levee had to be built through 2 separate city parks. These parks had to remain open to the public throughout construction. The proximity of homes and finished yards, often encroaching into the easement, meant there was no room for stockpiles. Additionally, major underground and overhead utilities had to be either relocated or preserved and protected. All excavation was required to be offhauled and disposed of and all embankment, rip-rap, filter media, topsoil and other rock products had to be imported. This necessitated careful planning of daily operations to prevent bottlenecks. Cleaning of the streets was a daily requirement in order to comply with local ordinances and the neighbor's desire to not have their neighborhood look like a construction project.

Contract award and subsequent NTP were not issued until early summer, after the in-water work window had already commenced. This effectively shortened the duration available for physical work since the in-water work window and the official flood season remained fixed. This project finished well ahead of schedule.

Project Highlights:

- 1,110 LF of Levee
- 12,100 CY of Excavation
- 5,100 CY Embankment
- 9,100 CY Rip-Rap & Filter Blanket
- Limited Access
- In-Water Work Window

Project Vitals:

- **Client:** US Army Corps of Engineers, Seattle District
- **Location:** Auburn, Washington
- **Contract Amount:** \$2,320,651.74
- **Duration:** July 2008 – September 2008
- **Contract #:** W912DW-08-D-1010 #0001
- **Amount Self-Performed:** 31%
- **NAICS Code:** 237990

