At Canton Lake, the Government is constructing an auxiliary spillway adjacent to the right abutment of the existing spillway. This auxiliary spillway will be controlled by a weir and nine fuse gates. This auxiliary spillway will be located in the auxiliary channel which is 480 feet wide and has been partially excavated up to the auxiliary spillway location to final channel grade. Vertical diaphragm walls approximately 50 feet tall line the auxiliary channel.

**Scope of Work**

1. 3D model for
   - Intake Monolith
   - Intake Conduit
   - Weir
   - Wet Well
   - Upstream Apron
   - Downstream Apron
   - Fuse Gate

2. Lift Drawings from the 3D models

**Pinnacle’s Value Addition**

- Lift Drawing provided from 3D model.
- Concrete take-off generated.
- Reinforcement model and take-off provided.