

SCOPE OF WORK

The general scope of work for this contract will include the following: Complete the structural strengthening improvements of three trolley beams at the Ross Headframe. These improvements are more fully detailed in the referenced and attached Albertson Engineering drawings, Ross Headframe Trolley Beam Strengthening.

The Ross Headframe is equipped with a trolley beam and 7.5 Ton hoist on the west side of the cage compartment. This is utilized for loading/unloading materials and supplies onto rail cars traveling underground. A previous inspection of this trolley beam derated it down to 9600 pounds. This project strengthens the trolley beam and supporting structure to regain the lost capacity. This will allow the hoist to lift up to a new 10T capacity.

Directly to the north of this trolley beam is an identical trolley beam aligned with the counterweight compartment. It will also be strengthened in a similar fashion to increase the capacity to 10T.

On the east side of the shaft is another trolley beam that hasn't been utilized in the past. It runs north south and is directly east, approximately three feet from an existing active trolley beam. It has been evaluated by Albertson Engineering to be put into service as an 8T trolley beam. This beam will require some minor improvements on the north end connection and support.