PROJECT OVERVIEW AND CHALLENGES

Bradshaw Construction was contracted to hand mine a 48 inch by 48 inch wood box tunnel to house a 10 inch polyvinyl chloride pipe and an 18 inch ductile iron pipe. Unanticipated rock was encountered during mining and was removed with pneumatic chisels and hammers. The tunnel was performed due to the close proximity of existing buildings and structures which did not allow for open cut techniques.