

Memo

To: Grayson Bottom, City Manager
From: Arnold Adams, Water Superintendent
Date: 03/14/2008
Re: Boring Machine Purchase

We budgeted \$40,000 in this years budget to purchase a boring machine. This machine would allow for repairs to be made underground to avoid tearing up the roads. In addition, when the NE Quadrant Water Line project begins, it will pay for itself on that project alone.

In the last calendar year we spent \$10,615 with local vendors to do the boring for us on several different projects. The upcoming NE Quadrant project involves 140 taps that will require boring under the roadway to the individual meters. Each of these bores would be about 32 feet in length. At \$5 per foot, this would cost approximately \$22,500. In addition, the preliminary plans that we have call for 2,673' of larger 6" bores. These are usually about \$30 per foot, which would result in a cost of \$80,190 for boring.

As you can see, not only would we be saving money by having a machine of our own, but we would also be able to make repairs and new taps with minimal damage to roads and yards.

I have found a couple of used boring machines that I will be going to take a look at. I would like authorization to spend up to \$40,000 to purchase a machine if I find one that meets our specifications.