Sanitary Sewer Rehabilitation

Using economic stimulus funding, the City is rehabilitating 13,500 linear feet of old sanitary sewer.

The rehabilitation consists of slip-lining 8”, 10” and 12” sewer main (mostly within the central business district). A flexible liner will be pulled through the sewer mains in Bunnell Street, Ocean Drive, Bartlett Street, Heath Street, Main Street, Lake Street, Sterling Highway, Pioneer Avenue, and Crittenden Street, and inflated to conform to the inside of each pipe section.

A ultra-violet light is then being pulled through the lined pipe section, which cures and hardens the liner. The new liner will be as strong as the existing pipe was when it was installed, provide a smooth inner surface, and reinforce weak portions of the old pipe section. This method of rehabilitation eliminates the need to excavate pavement and minimizes impacts to the traveling public.

The work began early in 2010 and is expected to be complete by July 2011.

The cost of this work is $1,800,000. A loan has been secured through the Alaska Department of Environmental Conservation for the cost of the design and construction of this project; 90% of which will be forgiven once the project is complete. The remaining 10% is funded by the Homer Accelerated Water and Sewer Program (HAWSP), which has been established by the community to fund water and sewer improvements through the implementation of a ¾ cent sales tax.

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