City of Bellingham
Current Construction Project

2007 Sanitary Sewer Rehabilitation

The majority of our replacements are using technical methods such as Cured in Place Pipe (CIPP) technology:
Link to: http://www.insituform.com/content/190/how_insituform_cipp_is_installed.aspx
(for more information)

Project Bid No: 115B-2007

Project Number: EU-0134

Project Schedule
- Awarded 1/14/08
- Anticipated completion: April 30, 2008

Estimated Project Cost
- $2,149,934.06

Project Engineer
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Contractor
Ram Construction General Contractors, Inc.

Project Description
This project will replace existing manholes and restore sanitary sewers to near new condition through the use of trenchless technology and open cut methods in various neighborhoods (see vicinity maps p.2-7).

Open cut sewer rehabilitation is when the contractor digs through the pavement creating a trench where he lays new pipe to replace the old.

There are two methods of trenchless pipe replacement, pipe bursting and cured in place pipe (CIPP)

Pipe bursting replaces the existing pipe by pulling a high density poly ethylene (HDPE) pipe through the existing pipe by means of a chain or rod puller.

CIPP re-habilitates the existing sewer line by inserting a resin coated cloth liner with pressurized steam. The resin coated liner is then heated with the steam to activate the resin which then hardens and creates a pipe inside the existing pipe.