

# DICK ROSHER PLUMBING Since 1977

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May 28, 2018 Report / invoice 197573

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## Sewer Camera Inspection Services

A sewer camera investigation was initiated for the laundry fixture group at this property by the homeowners because recent water damage is visually apparent. The horizontal underground cast iron sanitary drain piping is leaking raw sewage underneath the laundry area fixture group. Sewer gas emissions were also detected. This branch of the drain system is not presently in proper functioning condition. Although our team recommends replacing all underground horizontal cast iron sanitary pipes. To address this drain obstruction crisis at this juncture, we recommend an exterior reroute. Camera footage shows root intrusion. The inside of this pipe is carpeted with roots. This pipe is not viable for use. The following is the solution:

- 1.) Frequency location of underground cast iron tee servicing laundry.
- 2.) Cut concrete floor and excavate to access this cast iron sanitary tee.
- 3.) Remove existing underground cast iron sanitary tee servicing laundry fixture group.
- 4.) Sectional repair of main line following removal of the above described cast iron tee.
- 5.) Excavate trench from garage to septic tank inlet for new bypass pipe.
- 6.) Furnish and install PVC – re-route from laundry fixture group around front yard.
- 7.) Remove and reinstall plumbing fixtures as required.
- 8.) Concrete, paint, finish and trim work is not included herein.
- 9.) End of each day; Daily debris disposal and clean up included.

Total Estimated provisional repair:

Total Estimated complete cast iron replacement cost:

Other peripheral floor repair costs to be quantified following this repair.

Sewer Camera Inspection Fee: PAID IN FULL (Thank you!!)

The factual reports provided are prepared with balanced fairness and consideration for all interested parties. We thank you for working with our team.

PREPARED BY DICK ROSHER PLUMBING

STEPHEN L DAVIS, PROPRIETOR