

Pedro Point Sewer Collection System Rehabilitation and Replacement Project (C031A) DRAFT Frequently Asked Questions

1. Why is this Project needed?

Due to inappropriate connections, defective pipe joints, and broken pipes, there is currently an increased amount of flow (inflow and infiltration) being sent to and treated by the wastewater treatment plant during a storm event. This results in a higher risk of sanitary sewer overflows, as well as increased costs to pump and treat the sewage. In addition, recent water conservation efforts have reduced the flow in some areas of the system, causing solids to build up and clog the sewers.

This Project is part of the City's overall sewer improvements that are identified in the City's Sewer Master Plan.

2. What work is being done?

The Project will consist of replacing approximately 16,000 lineal feet of the existing 6-inch and 10-inch diameter sanitary sewer mains (“mains”) located in both public right-of-way and public utility easements (which are mostly in the backyards of residences) with new 8-inch and 12-inch diameter mains respectively. A map of the proposed sanitary sewer improvements (indicating proposed improvements through residential backyards) can be found on the Project webpage. The increase in main size will help minimize the likelihood of sanitary sewer overflows, prevent the buildup of solids and, facilitate easier cleaning and maintenance of the pipes.

3. Were Project Meetings conducted for this Project?

The first community meeting took place on Thursday November 2, 2017 from 6-7pm at the Pedro Point Firehouse (1227 Danmann Avenue). The second community meeting took place on Thursday March 1, 2018 from 6-7pm at the Pedro Point Firehouse. Presentations for both meetings can be found on the Project webpage.

4. How is this Project going to be constructed?

To reduce the impact on the surrounding neighborhood, the Project will primarily involve replacing the pipes using the pipe bursting method. Pipe bursting allows for trenchless installation, reducing the amount of disturbed area. Small excavations will be necessary on one or both sides of existing manholes to begin and end the pipe bursting process. Small open excavations will also be necessary to re-connect each existing sewer lateral to the associated new main. Rehabilitation and replacement of sanitary sewer manholes will be completed as necessary.

5. Please elaborate on the optional lateral replacement part of the Project.

5.1 When am I required to replace my lateral?

A portion of your lateral will be replaced as part of this Project, at no cost to the Home Owner, to facilitate connecting your lateral to the new sewer. The remainder of the lateral is the Home Owner's responsibility.

You are required by City of Pacifica's Municipal Code, Ordinance No. 784 C.S. Chapter 6-13 to receive a Lateral Compliance Certificate from the City of Pacifica when any of the following occur:

- Transfer of property
- Remodel or addition that costs \$50,000 or more
- Adding any plumbing fixtures
- Change in water service is requested (addition of a meter)

If you already have a Lateral Compliance Certificate, then replacement is not required. If you are not sure if you have a Lateral Compliance Certificate, please contact:

Brian Martinez, City of Pacifica, Collection System Manager at:
650-738-4660 or martinezb@ci.pacifica.ca.us

5.2 How do I decide if my lateral needs to be replaced?

If you are experiencing sewer backups, this is a sign that there is a blockage in your lateral. If you are not sure if you should replace your lateral and would like more information on the condition of your lateral, we encourage you to have a television survey (CCTV or Closed-circuit Television) performed by a plumber. A list of CCTV service providers, with whom the City has previously worked, can be found on the City's website for your convenience. Of course, you may want to identify and contact a plumber not on the list who can provide this service. Please keep in mind, the CCTV survey will need to be performed in time to support your replacement decision. The Contractor will only perform this work when they are on your street for main replacement.

5.3 How would the lateral replacement contract work?

The pricing has been established as part of the Project Bid (see example in question below). Resident contacts with Pacific Trenchless directly. If you would like your lateral replaced:

- Resident signs a contract with Pacific Trenchless
- Pacific Trenchless obtains resident signature for encroachment permit & gives to City
- New lateral installed; City inspects.

5.4 What are the cost savings by replacing my lateral now?

The toughest work is already being done to replace the main, which includes: the deepest excavation, mobilization cost, and the encroachment permit is being waived by the City (over \$600). Below is an example cost to replace a lateral:

For a 42-foot lateral with one cleanout (pricing based on the Project Bid):

- Typical plumber cost is about \$6,000.

- Pacific Trenchless (the contractor who was selected for this work) is offering a minimum price of \$3,755, which, accounts for replacing up to about 42 feet of pipe and one cleanout. For greater than 42 feet of lateral to replace, the contractor's unit pricing is used to calculate the price. Two examples are presented below: a 42 feet lateral replacement and a 50 feet lateral replacement. Note that each example assumes one cleanout.
 - Example 1: 42 feet of lateral to replace
 - Cost to pipeburst lateral: \$75 per foot (Unit price established in the Project Bid)
 - For 42 feet of pipeburst lateral: \$3,150
 - Cleanout: \$555 per cleanout
 - Total (lateral + cleanout): \$3,705
 - Since minimum price for lateral replacement + 1 cleanout is \$3,755, the price is \$3,755
 - Example 2: 50 feet of lateral to replace
 - Cost to pipeburst lateral: \$75 per foot (Unit price established in the Project Bid)
 - For 50 feet of pipeburst lateral: \$3,750
 - Cleanout: \$555 per cleanout
 - Total (lateral + cleanout): \$4,305
 - Since there is over 42 feet of pipe bursting, the unit prices are used to calculate the price.
- If your lateral replacement requires the replacement of more than one cleanout and over 42 feet of pipe, the total cost will be determined using the unit cost per foot of pipe (\$75/ft) and cost per cleanout (\$555/cleanout)

5.5 When do I need to decide if I want to replace by lateral?

Contractor will need a signed contract one to two weeks prior to being on your street. If you are considering a lateral inspection (CCTV), you will need the results to inform your decision in time to notify Contractor.

6. What is the general timeline for construction and when will the Contractor be on my street?

Construction will begin mid-April and is anticipated to end early October.

A map of the proposed sanitary sewer improvements (indicating proposed improvements through residential backyards) can be found by clicking the link at the bottom of the page. This map will be updated weekly during Project construction.

7. Who do I contact if I have questions about the Project?

Project Questions:

Nelson Schlater, EKI, City's Consultant Construction Manager, 650-292-9100, nschlater@ekiconsult.com

Lateral Questions, Not Contractual:

Brian Martinez, City of Pacifica, Collection System Manager, 650-738-4660, martinezb@ci.pacifica.ca.us

Lateral Questions, Contractual:

David King, Pacific Trenchless, General Contractor, Project Manager 415-748-0773,
david.king.pti@gmail.com