



Memorandum

Date: August 4, 2022

Subject: Clean Water State Revolving Fund – Sanitary Sewer Improvement Project HRC Job No. 20201050
Frequently Asked Questions

The primary purpose of this project is to perform sanitary sewer pipe and manhole rehabilitations to remove sources of infiltration/inflow (I/I). Rain water and groundwater that infiltrates or inflows into the sanitary sewer system ultimately must be treated at the City's wastewater treatment plant (WWTP). This excess flow results in an increase in treatment costs and affects the City's ability to meet their National Pollutant Discharge Elimination System (NPDES) permit. This sanitary sewer improvement project includes repairs identified as cost-effective as well as any repair with a National Association of Sewer Service Companies (NASSCO) Pipe (or Manhole) Assessment Certification Program (PACP/MACP) structural rating of 4 or 5. Repairs will be addressed using various techniques. Where possible, trenchless methods will be used to seal/line manholes and pipes. Pipes that have structural failures that cannot be addressed using trenchless methods will be repaired via open cut or fully replaced via pipe bursting or open cut. All of these rehabilitation techniques will improve the structural reliability and/or reduce excess flows from the sanitary sewer system thereby reducing wastewater treatment costs for the City and its residents, and allowing the City to meet their NPDES permit.

As the sanitary sewer improvements are located throughout the City, an open house meeting took place on July 28, 2022 at Marysville City Hall. The purpose of the meeting was to discuss the construction schedule, procedures, and expectations prior to beginning the Sanitary Sewer Improvements project. Notification of the meeting was mailed on July 13, 2022 to all businesses and residences that will be affected by the construction. The following are the most frequently asked questions and the answers from the open house.

Frequently Asked Questions

Q: *What if you have a sprinkler system in the way of the area that will be dug?*

A: Any irrigation lines/sprinklers that are damaged will be replaced/fixed by the contractor prior to restoration.

Q: *Why are they doing this project before the roads are fixed?*

A: If new roads were to be constructed before conducting this project, then the brand-new roads would have to be removed to perform some of this work. By conducting this project before the roads are restored, it will ensure that new roads can be poured once instead of twice.

Q: *What is the lifetime of the grout used in the manhole lining?*

A: The grout will last as long as the manhole does. The two-part resin creates a seal that will last as long as the existing manhole lasts.

Q: *Will cars affect the manhole that received new grout?*

A: No, the manholes are built to withstand the weight of vehicles.

Q: *If you have a manhole in your backyard, will the contractor's trucks have to drive through the yard?*

A: Yes, the trucks will be required to be onsite with the construction site for supplies.

Q: *If the backyard is destroyed while a manhole/pipe are being rehabbed, will the City restore it?*

A: Yes, the contractor will be required to restore all disturbed areas back to existing conditions.

Q: *Will anyone need to enter the home?*

A: No, this is all external work therefore entering a home for the project is not necessary.

Q: *How long will sanitary-use-restriction last?*

A: Each aspect of this project differs in repair time; at times the work can take up to half of a day per site (i.e. up to 12 hours).

Q: *During the pipe curing process, how long might the resin smell linger within the house?*

A: For all the drains that are not used regularly within the house, a gallon of water should be poured down the drain in order to keep water in the pipe trap. As long as there is water in the pipe trap, there should not be a smell that comes up the drains.

Q: *Should water be poured down a crawl space drain?*

A: Yes, if accessible, this will help reduce any smell of the pipe liner or sewage odor from entering the home.

Q: *How long will it take to finish this project?*

A: This project will start in mid-August 2022 and is planned to be finished by October of 2023.

Q: *Is there a general idea of when the work at the school will take place?*

A: This location will start in September. It will take approximately one week to complete the bore work and one week for the open cut work.

Q: *What is the cost of this project and how long is the loan term?*

A: The project cost is 4.8 million dollars with a 20-year loan term.

Q: *Does this project affect the sewer separation of the overflow tanks in the park and the plant?*

A: Yes, this project will ultimately reduce the amount of rainwater and ground water that enters the sewer system which can overflow into the storage tanks.

Q: *What seals the house lateral to the main pipe?*

A: Epoxy is used on the liner to seal it to the existing pipe and the lateral. Then once the pipe is in place a hole is then cut in the liner where laterals are located.