

DATE: September 5, 2023

TO: Downtown Committee

FROM: Toni Eguilos, Assistant Engineer

SUBJECT: **Annual Sewer Main Replacements – Castro Street and Wild Cherry Lane Construction Impacts**

BACKGROUND

The City's Annual Water & Sewer Main Replacements, Projects 19-21 and 19-22, is a project that replaces water & sewer mains (and their associated appurtenances) throughout the City. The sewer main on El Camino Real and Castro Street was televised in 2020 and found to be in poor shape.

CONSTRUCTION IMPACTS

The City awarded the construction contract to KJ Woods and construction started in mid-August. KJ Woods has provided a baseline schedule with more specific construction timing. Currently, they are working on the sewer main replacements and repairs on El Camino Real between Shoreline Boulevard and Ehrhorn Avenue. Sewer main replacement in the downtown area is scheduled to start the week of September 25, 2023 after the Art and Wine Festival.

Tentative Order of Work

1. Week of September 25
 - Replacement of sewer main at the intersection of El Camino Real and Castro Street via open trench.
 - Replacement of sewer main, laterals, and cleanouts on Castro Street from City Hall to California Street with pipe bursting (trenchless construction).

2. Week of October 9
 - Spot repairs of the sewer main from on Castro Street from El Camino Real to Church Street with traditional open trench construction.
 - Replacement of sewer main, laterals, and cleanouts on Wild Cherry Lane between Villa Street and W. Evelyn Avenue with a combination of open trench and pipe bursting.

Castro Street – El Camino Real to Church Street (see Figure 1)

The open trench replacement of the sewer main at the intersection of El Camino Real and Castro Street will be phased such that only one lane is closed in each direction along El Camino Real. The construction within the intersection is projected to span approximately seven work days. Open trench spot repair is expected to be completed within two days for the two locations on Castro Street.

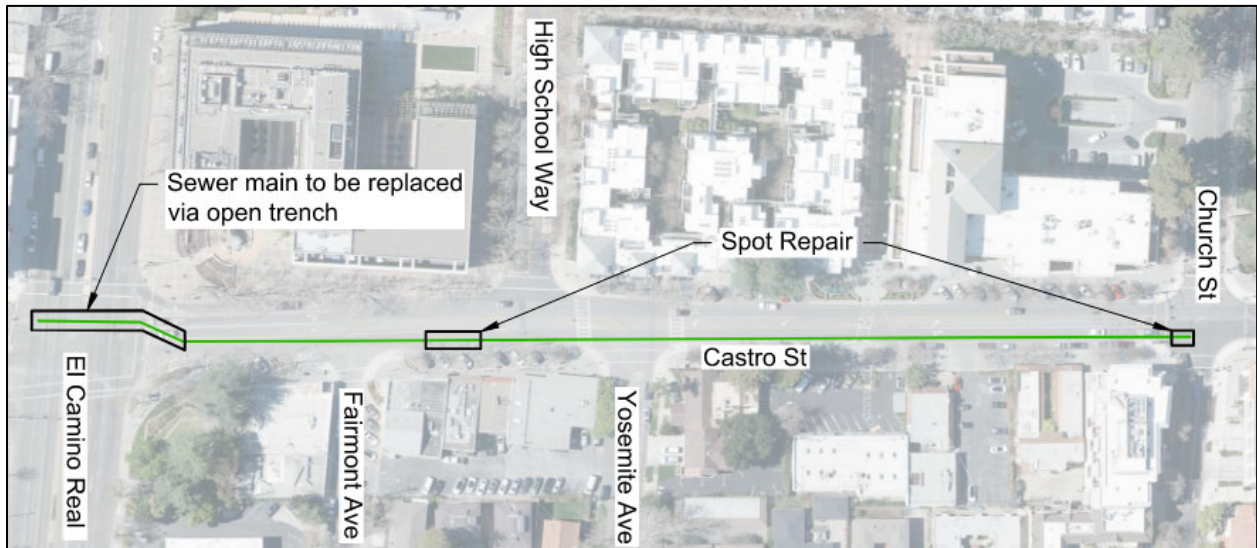


Figure 1: Castro Street – El Camino Real to Church Street

Castro Street - City Hall to California Street

Trenchless sewer pipeline replacement on Castro Street from California Street to City Hall will generally take place in the medians without lane closure until the lateral installation phase begin. During lateral installation, sections of Castro Street will be closed one direction at a time, progressing one block at a time. This phase of work is anticipated to take place primarily during nighttime hours with detours setup. In the event daytime work is necessary, it will be performed from 7:00 AM to 4:00 PM. Additionally, should daytime work be implemented, sidewalk closures and pedestrian detours on one side of the street may be in place from 7:30 AM to 11:30 AM and 1:30 PM to 4:00 PM.

The pipe busting work is estimated to be completed in three days, and the lateral installation work is projected to require two additional days. If necessary, a sewer bypass may be utilized to redirect flow away from the work area temporarily.

Considering the various phases, the overall construction timeline for the sewer main replacement on Castro Street is approximately fourteen workdays.

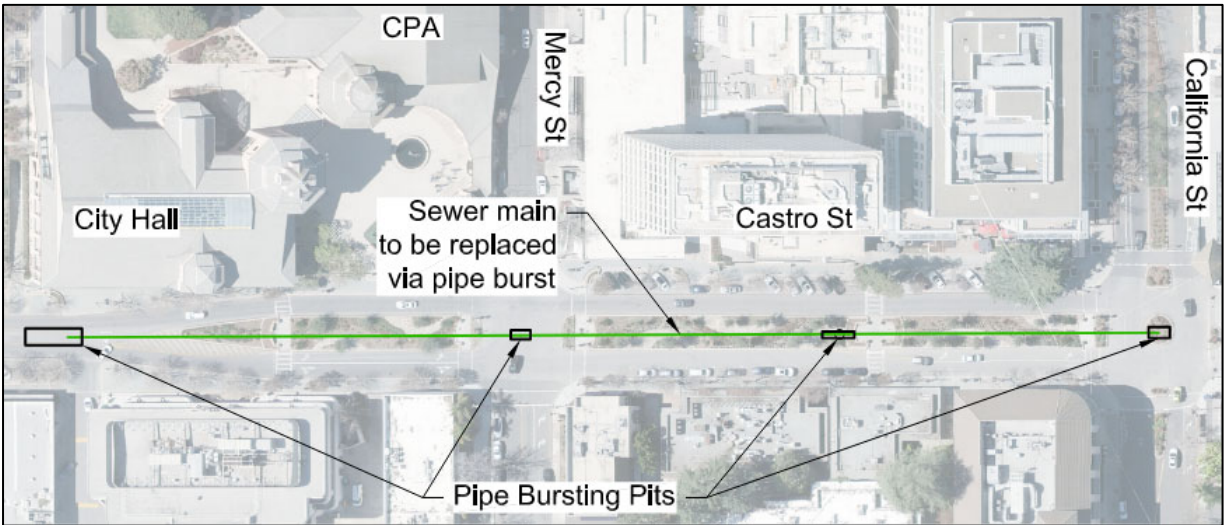


Figure 2: Castro Street - City Hall to California Street

Wild Cherry Lane from Villa Street to W Evelyn Avenue

Due to site constraints at Wild Cherry Lane, the contractor will utilize both open trench and trenchless (pipe bursting) construction methods. Sewer main replacement is anticipated to be completed in five days with an additional three days needed to complete lateral installation. In total, construction activities on Wild Cherry Lane are expected to extend over two weeks. The majority of these construction activities are scheduled during nighttime to reduce impact on businesses along the west side of the 100 block of Castro Street since most businesses use Wild Cherry Lane for their daytime deliveries.

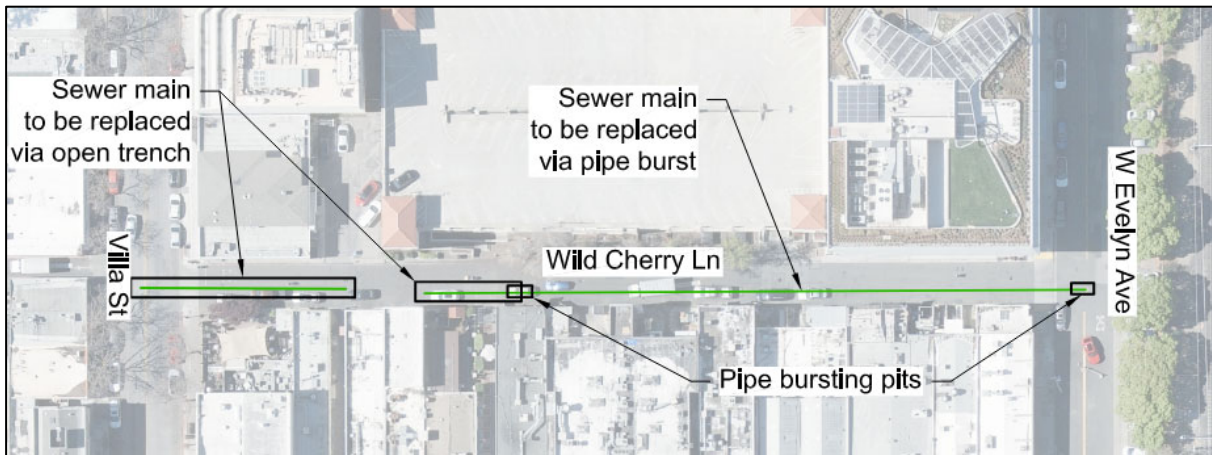


Figure 3: Wild Cherry Lane - Villa Street to W Evelyn Avenue

Construction notifications for surrounding businesses and residents will be as follows: the contractor will notify businesses and residents 1 week prior to construction activities, then “no parking” signs with dates will be posted adjacent to construction locations, and finally the contractor will notify again 48 hour prior to construction beginning.

Construction activities in these areas are projected to be completed by the end of October. If you have any questions, please contact me at 650-903-6329.