



Carmel Area Wastewater District Santa Rita and Guadalupe Sewer Main Replacement Project

Critical Infrastructure Renewal, Investing in the Future of Carmel

Carmel Area Wastewater District

Serving our community since 1908



Early History

- In 1908 we were responsible for maintaining community cesspools. Eventually that led to a “treatment plant” on the beach at Carmel River Beach
- In 1930 an Ordinance required all houses to be connected to Carmel Sanitary District sewer pipes
- In 1937 the District began building the central treatment plant at its current location along with build out of pipes to convey sewage to the plant.



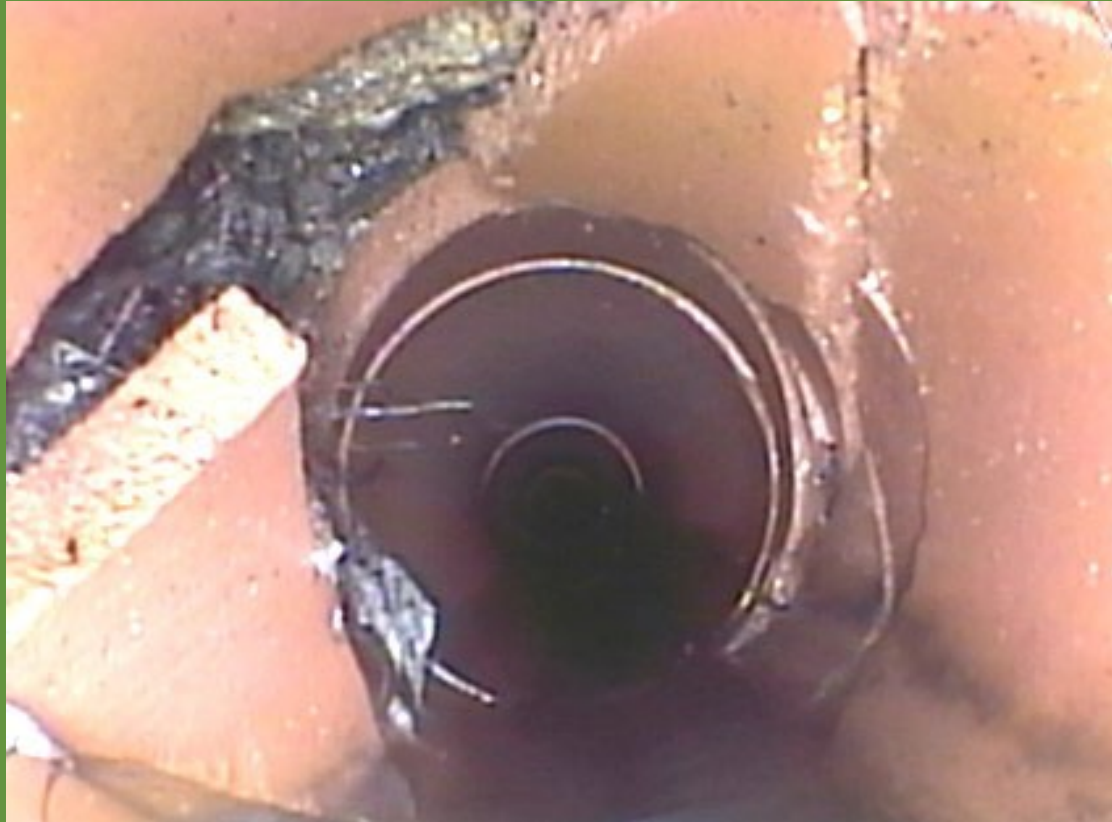
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- Today our Sewers are deteriorating.
- Sewers are 75 to 85 years old.
- Pipes are made of vitrified clay that is prone to cracking.
- Cracks in pipes allow roots to grow into pipes causing blockages and spills.
- Cracked pipes eventually fail which can lead to sink holes.
- Manhole structures are cracked and allow groundwater to infiltrate into sewers.

Clay Pipe is Prone to Fracturing



Sewer Inspection Video



Santa Rita and Guadalupe Pipe Replacement Project

1.6 Miles of Aging Clay Sewers

- Santa Rita St
- Guadalupe St
- Cabrillo St
- Pico Ave
- 1st Ave
- 3rd Ave
- 5th Ave
- 6th Ave



Why is this work necessary?



- This project is a critical piece of the Carmel Area Wastewater District's efforts to replace aging infrastructure and invest in the future of our residents.
- The sewer mains in the project were built in the late 1930's through the 1940's and are 75 to 85 years old and are made of vitrified clay.
- Replacement of the sewer mains greatly improves the long-term reliability of the system.
- Replacement piping will be High Density Polyethylene.

How long will my street be disturbed?



- The disturbance will be temporary. A typical city block will be impacted for about 1 to 2 weeks as the project will keep moving down the streets.
- Work will be during the day only, and therefore evenings will be quiet as usual.
- Roads will be open in the evening after work stops for the day.

Will access to my home be impacted?



- The project will cause road closures to non-resident traffic.
- Residents will be allowed in and out of driveways (although it may take longer to get in/out thru construction area).
- Streets will be open to all traffic at the end of the workday.
- No street parking will be allowed (day or night) in areas of construction.
- Resurfacing of the street will occur at the end of the project and will require a 24-hr road closure to all vehicle traffic (residents included)

Will emergency services be impacted?



- No.
- Emergency services (fire, ambulance, police) will have priority over the construction activities. There will be no reduction in the capacity for emergency response.
- Emergency services will be kept informed of the project so they are prepared for changing road conditions.

Will this impact Carmel's special events?



- No. We are working closely with the City of Carmel and the County of Monterey to minimize everyday impacts and we will not be working during special events like Car Week or the AT&T Pro-Am.
- No work will occur on weekends.



Will construction impact trash pickup?



- No.
- Construction activities will be scheduled around trash pickup so there is no lapse in trash collection.



Will my sewer service be impacted?



- There will be an ~8-hour period when we are connecting house laterals to the new pipe.
- We will request that you don't use your sewer during this short period.
- However, you will still be able to use your facilities during this time if needed and we will deal with it on the other end of the pipe.



How will trees be protected?



- Pipe Bursting reduces the amount of digging.
- A certified arborist developed a detailed tree protection plan that is included in the project.
- Tree roots will be protected from excavation by hand digging or hydro-excavation.
- Tree barricades will be installed around trees as needed.
- Any work that could impact tree health will be reviewed by a certified arborist.

Will my rates increase due to these projects?



- These projects are currently fully funded and do not require additional revenue to finance.
- We will not be raising rates this fiscal year.
- In fact, we lowered our residential rates in 2023-2024 due to the District's healthy financial position.

When will construction begin?



- Construction will occur in 2025.



How can I stay informed?



- CAWD will be conducting extensive public outreach to help inform residents and visitors of this critical infrastructure project.
- We will communicate by utilizing the CAWD website (cawd.org), direct mailing to residents on affected streets, presentations to community groups, public meetings, and project signage.
- There will be a project “hotline” phone number posted on signs for contacting the project team during construction.

Questions?



Patrick Treanor, P.E.
District Engineer
(831) 624-1248
treanor@cawd.org

