

Design update – Summer 2019

# Lower Berryessa Creek Flood Protection Project Phase 2 - Lower Calera Creek



## Lower Calera Creek and the Lower Berryessa Creek Flood Protection Project

The Santa Clara Valley Water District (Valley Water) is dedicated to keeping residents and businesses safe through its flood protection programs. Construction on Lower Calera Creek is part of a larger collection of flood protection improvements under the Lower Berryessa Creek Flood Protection Project. When completed, the Lower Berryessa Creek Flood Protection Project will provide new floodwalls, improved levees, and widened creek channels to accommodate high water flows. This is in addition to enhanced and enlarged tidal and freshwater wetlands and riparian habitat. These improvements will provide 100-year flood protection to more than 1,820 homes, schools and businesses in Milpitas.

To learn more about the Lower Berryessa Creek Flood Protection Project, please visit: <http://delivr.com/2bee8>.

## Construction of Lower Calera Creek improvements

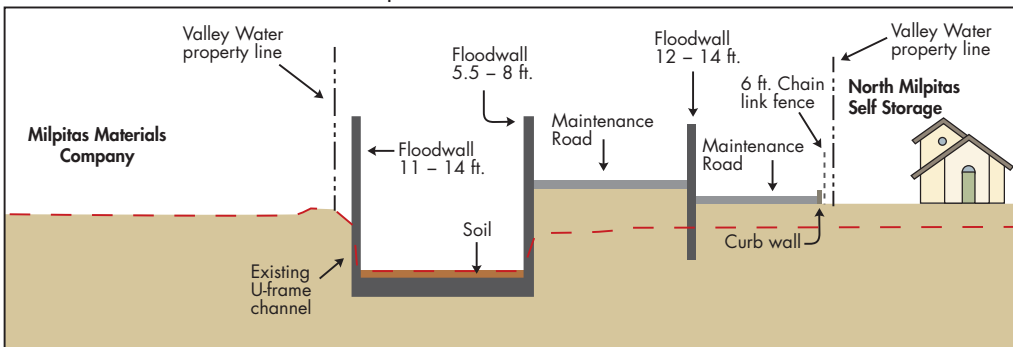
Lower Calera Creek stretches from the Lower Berryessa Creek confluence to Milpitas High School (see map). The flood protection improvements include a reconstructed concrete U-frame channel downstream of N. Milpitas Boulevard and concrete floodwalls on top of both banks upstream of N. Milpitas Boulevard. Improved wetland habitat areas will also be included within the creek channel.

Construction on this portion of the project is expected to take two years. It's currently in design, but an update will be provided as the project approaches the beginning of construction later this fall or next spring.

## Flood protection improvements along Lower Calera Creek

### Cross section 1:

VTA/BART Railroad to North Milpitas Boulevard



### Contact Information

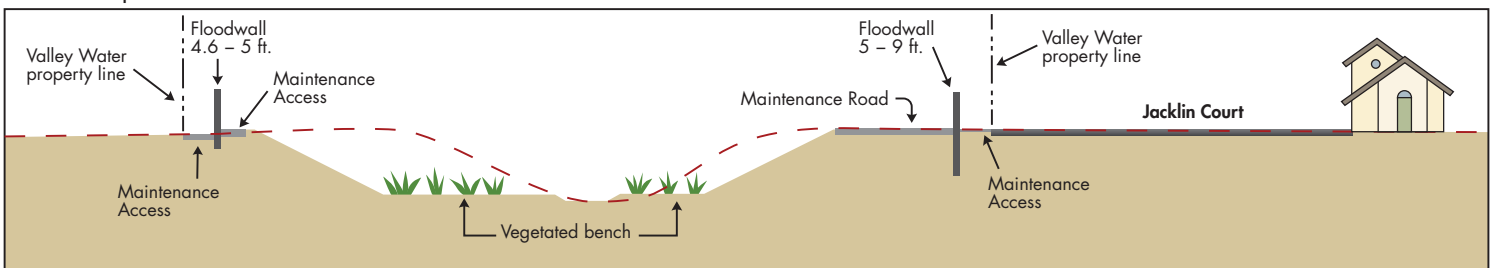
If you have questions about this project, please contact Albert Le at (408) 630-2860 or [albertle@valleywater.org](mailto:albertle@valleywater.org)



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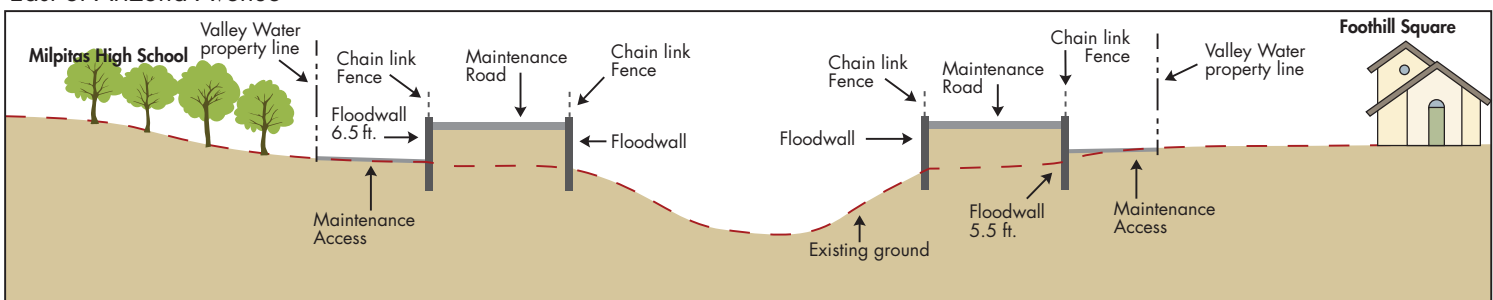
### Cross section 2:

North Milpitas Boulevard to Arizona Avenue



### Cross section 3:

East of Arizona Avenue

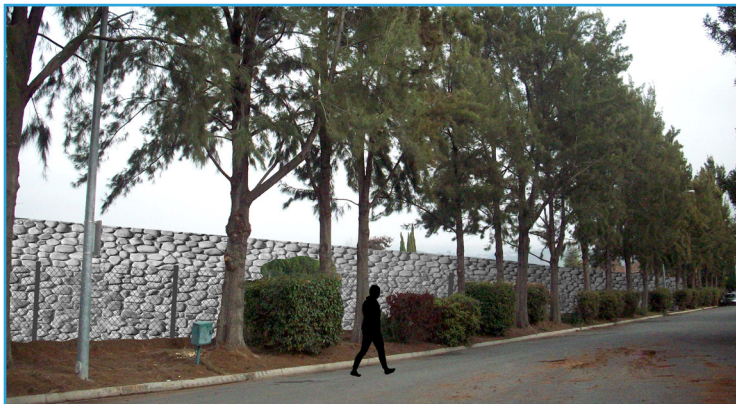


## Project Design Update

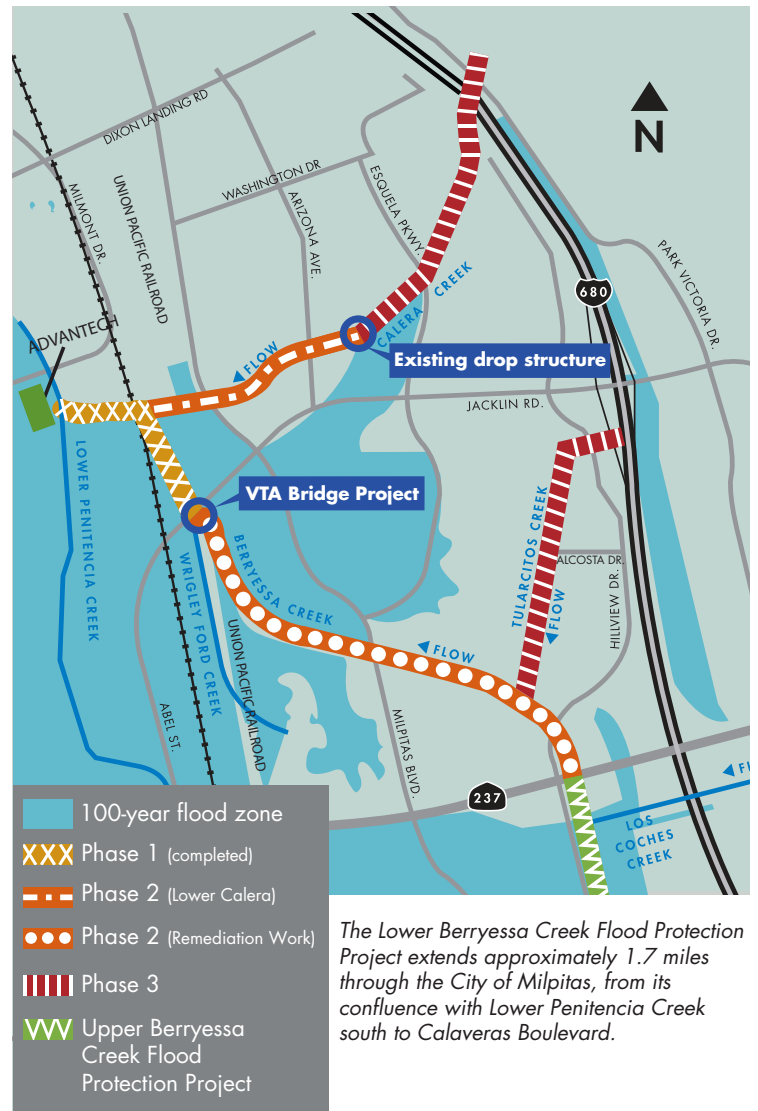
The project design was updated since the Environmental Impact Report was originally approved in 2011. These changes include:

- Demolishing the existing concrete U-frame structure downstream of N. Milpitas Boulevard and replacing it with a taller U-frame structure.
- Widening the maintenance ramp adjacent to the U-frame structure to allow for better access to the creek channel.
- Increasing the height of the concrete floodwalls located upstream of N. Milpitas Boulevard to accommodate the updated hydraulic models to provide flood protection in a 100-year flood event.
  - These walls will now range from four to nine feet in height from the levee ground surface.
  - The tallest flood wall (nine feet in height) will be located just upstream of N. Milpitas Boulevard.

## Rendering of future floodwall along Jacklin Court



## Lower Berryessa Creek Flood Protection Project map with Lower Calera Creek highlighted



The Lower Berryessa Creek Flood Protection Project extends approximately 1.7 miles through the City of Milpitas, from its confluence with Lower Penitencia Creek south to Calaveras Boulevard.

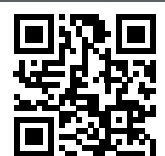
Si habla español y tiene preguntas sobre el contenido de este mensaje por favor de comunicarse con José Villarreal al [JVillarreal@ValleyWater.org](mailto:JVillarreal@ValleyWater.org) o (408) 630-2879.

Nếu bạn nói tiếng Việt và có thắc mắc về nội dung của thông báo này, xin vui lòng liên hệ với Ngọc Nguyen tại [NNguyen@ValleyWater.org](mailto:NNguyen@ValleyWater.org) hoặc (408) 630-2632.

如果你說中文並對上述訊息有疑問，請聯繫 Sarah Young, 電郵 [SYoung@valleywater.org](mailto:SYoung@valleywater.org), 或者電話: (408) 630-2468.

## CONTACT US

For more information, contact Albert Le at **(408) 630-2860** or by email at [albertle@valleywater.org](mailto:albertle@valleywater.org). Or use our **Access Valley Water** customer request and information system at <https://delivr.com/2yukx> to find out the latest information on Valley Water projects or to submit questions, complaints or compliments directly to a Valley Water staff person.



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