

Norris Canyon Road Safety Barrier

PROJECT # 24023

Norris Canyon Road is a narrow rural road that winds through the hills of Bollinger Canyon along the banks of San Catanio Creek. The existing road width is 20 feet, with 10 foot wide travel lanes and limited to non-existent road shoulders. At several locations, severe incision of San Catanio Creek has resulted in a steep creek bank immediately adjacent to the rural road. During the last decade, two run-off-the-road collisions resulted in fatalities as the adjacent creek drops approximately twenty feet or more below the roadway. The proposed safety barrier is intended to keep motorists from leaving the roadway to minimize injury as a result of collisions.

Did You Know?

When rural roads are located adjacent to creek banks, a “battered” wall design can minimize permanent impact to the adjacent creek habitat.



Scope

Installation of a guard rail is warranted on Norris Canyon Road west of Ashbourne Drive where the roadway is immediately adjacent to San Catanio Creek. To minimize environmental impact and avoid filling the creek bank to construct road shoulders, the proposed safety project includes construction of a battered retaining wall to allow for road shoulders that meet County standard and support a safety rail to keep motorists from leaving the roadway. The project includes installation of a safety rail/guard rail for approximately 800 feet between 200 to 1000 feet west of Ashbourne Drive on Norris Canyon Road. For approximately 250' of the project length, safety rail installation will require construction of the battered retaining wall to support the railing.

Additional improvements are proposed to include pavement widening to provide standard lanes and road shoulders from Ashbourne Drive to the Contra Costa County limits.

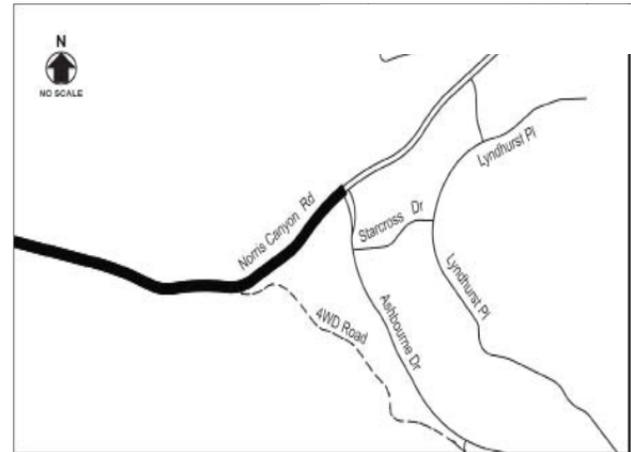
Status

- Project is in the preliminary design phase.

Issues/Areas of Concern

- None.

Location



Schedule

	<i>Dates</i>
Preliminary Studies/Planning	2015-2017
Environmental Clearance	2017-2018
Design	2017-2018
Right of Way and Utilities	—
Construction	2018-2019
Landscaping	—

Funding by Source (\$ 000s)

	<i>Amount</i>
Measure J	\$1,430
Local Road Funds	400
Total	\$1,830