Tramonto Landslide

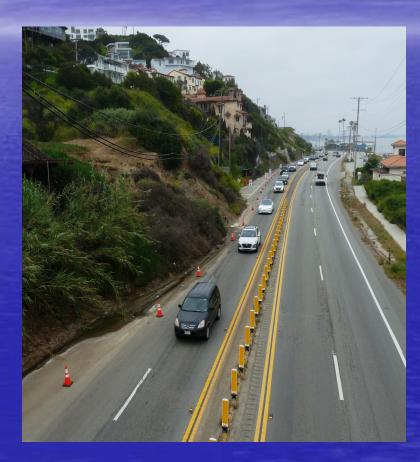
Disaster waiting to Happen

What we see on PCH



Before and After Recent Rain





November 2023

May 9 2024

Tramonto Slide Overview



Yellow rectangle is approximate location of proposed 4 houses

Cracks in Castellammare Dr









Cracks in Posetano Dr





Red Tagged House on Posetano





Landslide That Damaged House



This slide is about 50 feet West of the boundaries of the main Tramonto slide

Top of Tramonto Slide





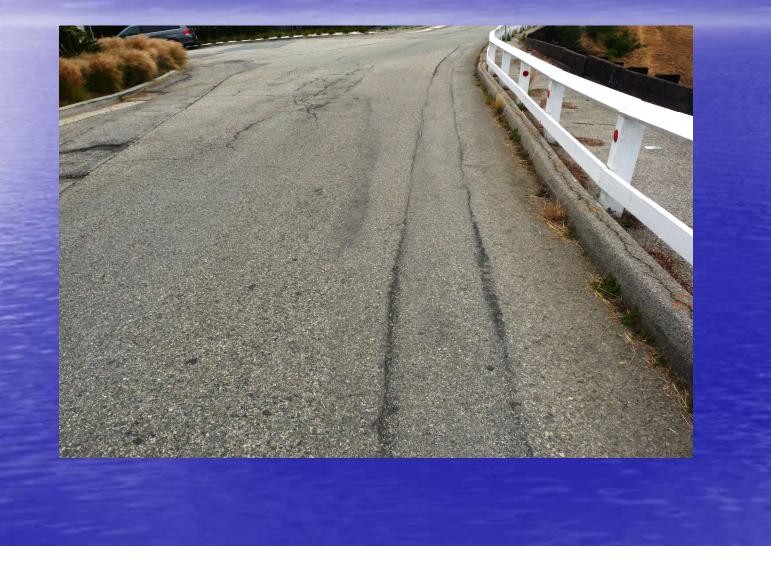
Reinforcement added in 1990s





About 35 foot drop

Cracks in Tramonto



Revello, east side of slide, Cracks





18 foot wide "Revello Chokepoint"





Possible Solution

- Report commissioned by City and Caltrans in 2010
- Methodology to stabilize entire slide
- Estimated Cost in 2010, \$25 mil
 Shelved



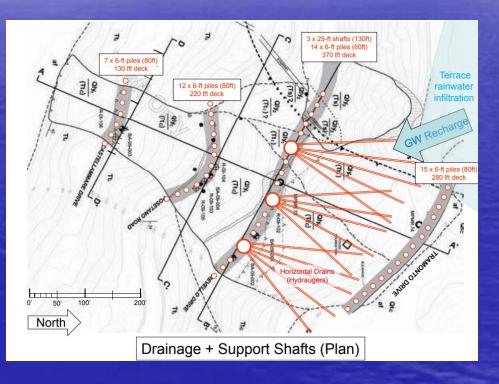
USACE-ISC_2011, Atlanta, GA, June 14-16

URS

Conflict with proposed development

 URS plan relies on horizontal and vertical drainage shafts illustrated.

 Proposed houses are in same location.



Typical Hillside Construction

