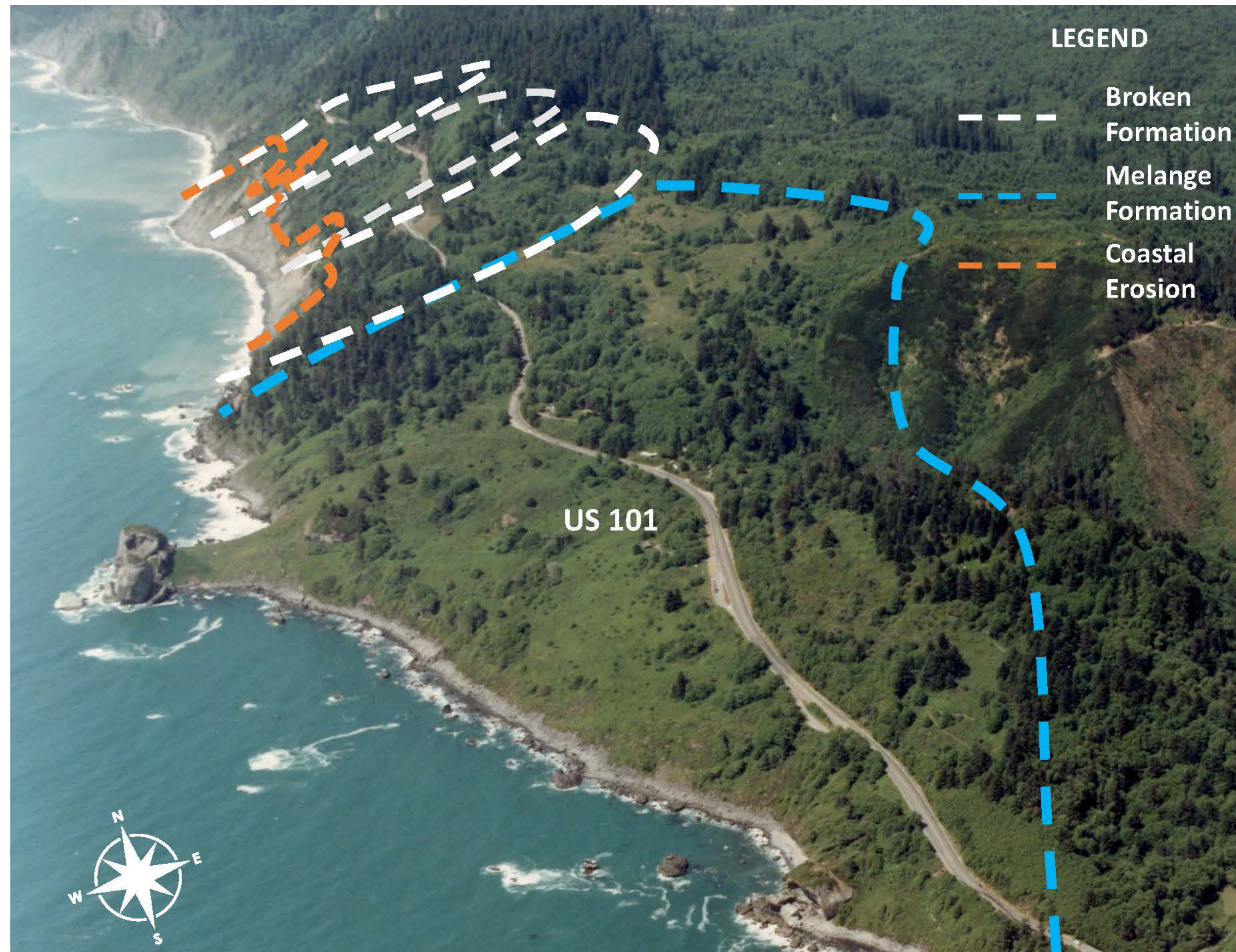


Geotechnical Considerations and Next Steps

Last Chance Grade traverses an area with several active landslides.

Managing these landslides to keep U.S. 101 open has proven to be a costly and time-consuming endeavor.

Location of Landslides



- Last Chance Grade is located within a complex of landslides
- The landslide complex is comprised of slides of varying depths
- The cliffs at the base of the slope are experiencing increasing coastal erosion
- The dashed lines in photo are the approximate landslide boundaries

Geotechnical Investigations



While Caltrans has completed geotechnical borings in the area to learn more about the landslides, both Alternatives X and F require additional geotechnical investigation. The photo shows an example of drilling equipment used, set on a platform that helps keep impacts minimal.

For Alternative X, additional geotechnical investigation is required to further develop the design of the proposed underground drainage system and retaining walls.

For Alternative F, additional geotechnical investigation is required to develop the design of the proposed tunnel and structures located near the north and south portals.