

**Client Contact:**

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**Services Provided:**

- **Rock Slope Stability Analysis**

**Project Summary:**

Cesare, Inc. (Cesare) conducted a rock slope stability analysis of Bobtail Road at Station 25+00. Cesare was asked to determine whether it was feasible to cut back the slope to a 1:1 slope and apply shotcrete rather than bench the slope and retain the slope with soil nails which was recommended by Cesare during a previous study. Cesare analyzed the slope through on-site evaluations and observations of the local geology, and using rock slope analysis software (GeoStudio 2004/SLOPE/W). Through use of computer analysis programming and geologic engineering experience, Cesare was

able to determine that a 1:1 slope with shotcrete was feasible for that section of wall along Bobtail Road.

