Route 11/15 Rock Slope Safety Project Project Purpose and Need

Need:

• Implement measures to control loose rock and debris as it erodes from the rock cuts exposed in the late 1930s

• Rock faces have become unstable due to vegetation growth and the seasonal freeze/thaw cycles

• Rock and debris make their way downslope towards the Route 11/15 roadway and endanger the traveling public

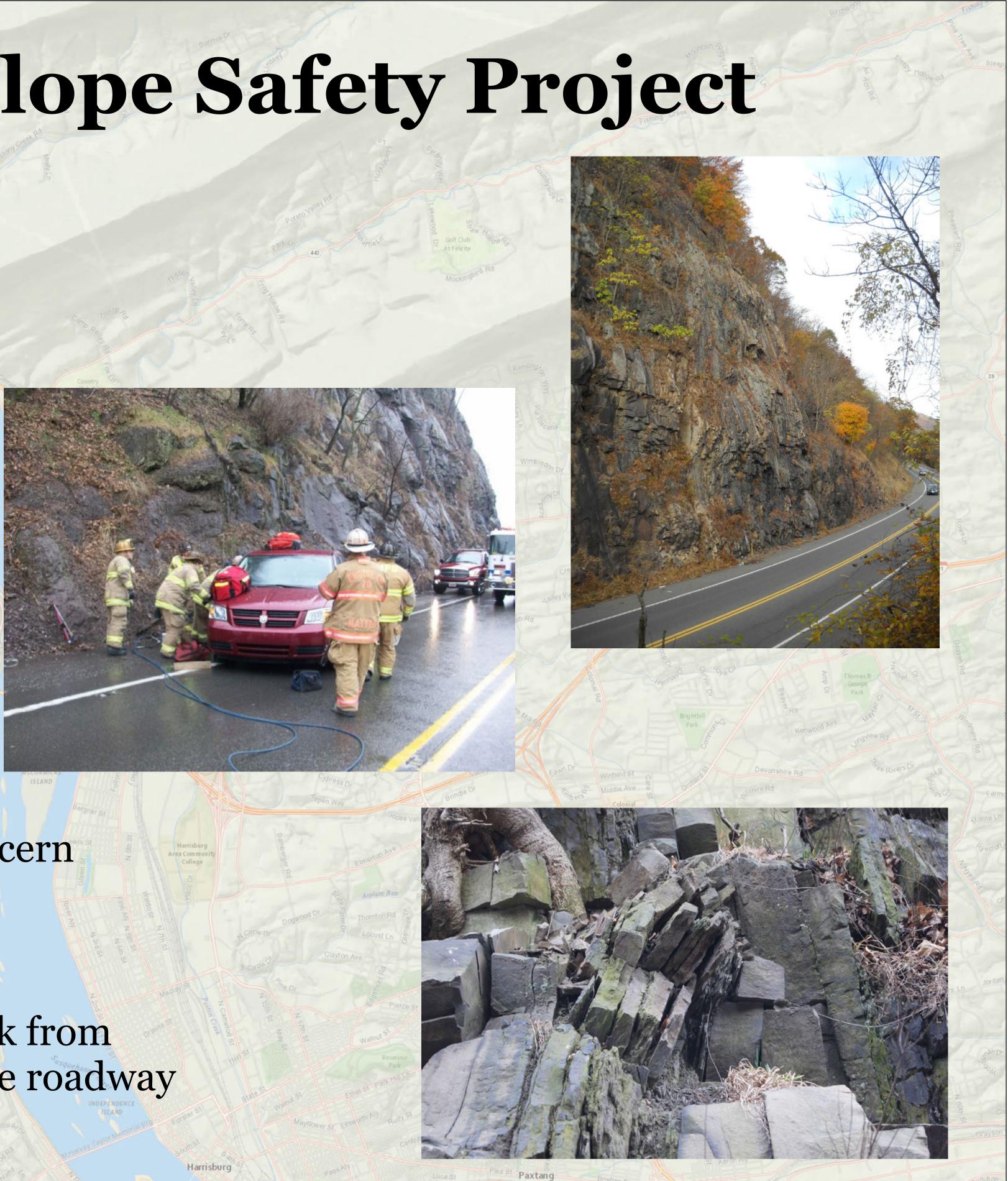
Rockfall is both a maintenance and safety concern

Purpose:

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Design a treatment that will prevent loose rock from falling from the various rock cut areas onto the roadway of Route 11/15

• Reducing the safety hazard







pennsylvania

National Geographic Esri, Del orme, NAVTEO, UNEP-WCMC, USGS, NASA, ESA, METL NRCAN, GEBCO, NOAA