2020 Calendar Year - AF000 Transportation Research Circulars

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Committee reports, including interim research findings and research problem statements, considered to be of immediate interest but not necessarily of permanent reference value.

AKG10

Standing Committee on Engineering Geology and the Standing Committee on Geotechnical Site Characterization



Managing Highway Rock Slope Scaling

January 2020

Scaling loose rocks from slopes adjacent to highways is a simple and effective measure for temporarily reducing the risk of rockfall potential on naturally occurring bedrock outcrops and highway

rock-soil cuts.

However, the current practice in estimating scope of work and contracting rock scaling projects are inconsistent from agency to agency. Many owners and transportation agencies conduct scaling work on a reactionary basis because of continued or prolonged rockfall activity.

Transportation Research Circular E-C260: Managing Highway Rock Slope Scaling includes a synopsis of 11 presentations from the workshop "Managing Highway Rock Slope Scaling: Design and Construction State of the Practice" held at the 97th Annual Meeting of the Transportation Research Board.