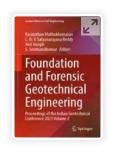
SPRINGER LINK



= Menu

Q Search

Cart



Indian Geotechnical Conference

IGC 2021: **Foundation and Forensic Geotechnical Engineering** pp 139–146

Home > Foundation and Forensic Geotechnical Engineering > Conference paper

Effect of Slope Inclination on V-H and

V-M Canacity Envelope of Strip

Ayushi Goyal

Department of Civil Engineering, MNIT Jaipur, Jaipur, Rajasthan, 302017, India

View author publications

You can also search for this author in PubMed | Google Scholar

(LNCE, volume 295)

Abstract

In this article, a numerical study is presented to estimate the capacity of the strip foundations located on undrained clay slopes and subjected to the combined action of *V-H* or *V-M* loadings. A series of 'Probe' analyses is performed using OptumG2 (a finite element limit analysis package) for 2D plane-strain soil slope models with different inclinations, to develop the *V-H* and *V-M* capacity