

## عنوان مقاله:

Application of an elastoplastic-viscoplastic constitutive model for time-dependent analysis of shallow tunnels

## محل انتشار:

نهمین کنگره بین المللی مهندسی عمران (سال: 1391)

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## خلاصه مقاله:

Application of an elastoplastic-viscoplastic constitutive model in shallow tunnel is presented in this paper. A section of Towheed tunnel situated in Tehran as a case study was selected and analyzed using FLAC code. In the first step, soil constitutive model parameters were identified using a back analysis process regarding to some of field data. Prediction of time-dependent behavior of tunnel was the purpose of second step of this work. The obtained results indicate the capacities of constitutive model in describing time-dependent behavior of selected tunnel in construction and life time phases

## کلمات کلیدی:

Back analysis, constitutive model, elastoplastic, viscoplastic, FLAC 2D

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/165439>

