ABSTRACT

The impact of speed hump against speed decreasing and traffic noise (case study: Bintaro Utama Street)

Prayang Anandita [1)] , Fredy Jhon Philip S, S.T., M.T [2)] , Rizka Arbaningrum S.T., M.T [2)]

[1)] *Student Of Civil Engineering Department, Pembangunan Jaya University*

[2)] *Lecturer Of Civil Engineering Department, Pembangunan Jaya University*

Speed hump is part of the vertical, which is used to affect motorized vehicles. Speed hump is a profile in a semicircular, parabolic or sinusioidal form. This model is the best model for conditions with the desired speed is very low but has an impact on increasing noise pollution.

This research was carried out by measuring the dimensions of speed that had been installed on the road studied including: the shape, size, and material of manufacture. Data about the speed of vehicles (motorbikes and light vehicles) that cross the road to be studied include: normal speed (before passing the speed hump) and speed after braking (after passing the speed hump)

The speed of the hump affects speed and noise, so it is evident that the speed number before passing speed is different from the speed after passing the hump speed. Likewise with different noise levels before passing the speed hump with speed after passing the hump of speed.

Keywords: speed hump, noise.

Libraries : 12
Pubication Years : 2002 - 2018