

ABSTRAK

Muhammad Subhan Alamsyah **Analisa Kapasitas Penyeberangan Zebra Cross di Jalan Asia Afrika**. Skripsi. Program Studi Pendidikan Vokasional Teknik Bangunan Universitas Negeri Jakarta

Studi ini dilakukan bertujuan untuk memberikan evaluasi serta alternatif terkait fasilitas penyeberangan pejalan kaki di jalan Asia Afrika, Senayan, Jakarta berdasarkan standar dan ketentuan dari DPU Direktorat Jenderal Bina Marga.

Alternatif jenis fasilitas penyeberangan pejalan kaki didapatkan berdasarkan observasi langsung di lokasi mencakup karakteristik pejalan kaki serta kondisi geometri jalan dan fasilitas penyeberangan yang ada.

Survey wawancara pada 100 orang responden pejalan kaki juga dilakukan sebagai data pendukung terkait karakteristik pejalan kaki dan jenis fasilitas penyeberangan seperti apa yang mereka harapkan.

Hasil dari penelitian menunjukkan bahwa fasilitas yang ada di lokasi berupa *zebra cross* tidak mampu memberikan rasa aman dan nyaman bagi pejalan kaki. Hal ini berdasarkan hasil wawancara dan survey data volume lalu lintas yang kemudian dihitung berdasarkan standar MKJI 2007 menyatakan bahwa di lokasi penelitian yaitu di jalan Asia Afrika Senayan Jakarta khususnya di depan Mall Senayan City seharusnya berbentuk fasilitas penyeberangan tidak sebidang, baik berupa jembatan maupun terowongan.

Keywords: pedestrian facility, traffic, pedestrian, crossing bridge, crossing tunnel, zebra cross

ABSTRACT

Muhammad Subhan Alamsyah ***Capacity Analysis of Pedestrian Crossing Facility on Asia Afrika Street*** . Essay. Vocational Education of Building Engineering, Faculty of Engineering, State University of Jakarta

The purpose of this study is to provide an evaluation on pedestrian crossing facility on Asia Afrika street, Senayan Jakarta based on requirement on Directorate General of Transportation and also provided a new suggestion for an alternative pedestrian crossing facility on Asia Afrika street especially in front of Senayan City.

The alternative of pedestrian facility obtained by observation on site of the location by observing the traffic of pedestrian whose crossed the street of Asia Afrika and the traffic of all vehicle that crossed the street at peak hours.

The observation also included a geometric condition of the street and pedestrian facility on site. As additional study, a survey on 100 pedestrians also being held to determine the characteristic of pedestrian.

The result of this study found that the available pedestrian crossing facility on site which is a zebra cross is not capable of providing comfort and safety to pedestrian. Because based of all calculation requirement on MKJI 2007 the Asia Afrika street should provide a pedestrian crossing bridge or a pedestrian crossing tunnel for pedestrian crossing facility which is safer and more comfortable.

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