

RECOMMENDATION OF THE OBLIQUE APPROACHBOOTH DESIGN STANDARDIZATION USING A DESIGN THINKING

ABSTRACT

The Oblique Approach Booth (OAB) is an innovation in the field of infrastructure that is very important because it can solve the problem of overquotas during busy times such as the Lebaran homecoming season. Along with the increasing need for oblique approach booths (OAB), a standard is needed in the construction of oblique approach booths (OAB). This research aims to standardize the construction of the Oblique Approach Booth (OAB). There are several problems experienced by 10 Oblique Approach Booth (OAB) users. Five driver complained that the width of the toll booth was not wide enough, and three drivers complained that the position of the engine in the Oblique Approach Booth (OAB) was uncomfortable. Two drivers complained about the slope of the Oblique Approach Booth (OAB) not being standardized. The process of standardizing the Oblique Approach Booth (OAB) design can use the Design Thinking framework. The results of this research are expected to be used in all Oblique Approach Booths (OAB) on Indonesian toll roads.

Keywords : Oblique Approach Booth, Standardization, Design Thinking, Toll Gate, Design