

ABSTRACT

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Title : Terminal Lintas Lebak Bulus Design by Walkability Approach

Terminal Lintas Lebak Bulus is a temporary replacement for Terminal Lebak bulus which was demolished due to the construction of Depo MRT Lebak Bulus in 2014. However, this terminal has poor conditions because it only prioritizes functions without optimizing users' comfort. This Terminal Lintas is 400 meters away from other transportation mode stations without adequate access and connection. Also, its limited site area caused the mikrolet and DAMRI bus to operate outside the Terminal Lintas. Lebak Bulus is a Transit-Oriented Development (TOD) area that should concern walkability as the main factor in achieving the walking principle to support other TOD principles such as the transfer between public transportation modes (transit principle). As a bus terminal, it must use at least one provided bus terminal design guidelines and would be better if it integrated with other transportation mode stations. The researcher used a phenomenological qualitative method by many instruments such as distributing questionnaires, interviewing, and observing, then analyzing the results with the researcher's interpretation. The research found that designing with the 'urban valley' concept creates a bus and mikrolet lane in the middle of the terminal to drop and pick passengers up by the platforms. That concept made practical activities and circulation even though it stands on a limited site area. Creating a decent Terminal Lintas is also done by providing and maximizing facilities that prioritize the aspects of comfort and security for users. Aside from that, sufficient space and circulation are created for buses and mikrolet to operate. Designing wider, complete, safe, comfortable, humanist, and interconnected walking paths within buildings and site supports better walking activities. The provision of a pedestrian bridge from/to Lebak Bulus MRT Station and Transjakarta Stop supports the integration between transportation mode stations. With those solutions created, hope that people will be more motivated to walk and use public transportation. Also, Lebak Bulus can be a more optimal TOD area.

Keywords : Lebak Bulus, Terminal Lintas, walkability, bus, transportation