

CHAPTER V

CONCLUSIONS AND SUGGESTIONS

5.1 Conclusions

Based on the data analysis and discussions, the author obtained conclusions that can be drawn from the study of The Potential of Implementation Transit-Oriented Development (TOD) on Padang – Kayu Tanam Railroad Corridor that Padang – Kayu Tanam railroad corridor, in general, is still not potentially to implement the concept of TOD (3 out of 8 stations have not fulfilled the TOD concept), and Padang Station is the most potential station to implement the TOD concept.

Stations that have not been potentially in the implementation of this TOD concept are Tabing Station, Duku Station, Lubuk Alung Station, Sicincin Station, and Kayu Tanam Station. For Tabing Station, Sicincin Station, and Kayu Tanam Station, to make this TOD concept can be implemented later, the recommendation of the author is to fix the concept of pedestrians. The recommendation for Duku Station, besides fixing the concept of pedestrian, is to build a hospital around the area. The recommendation for Lubuk Alung, should also improve the concept of pedestrians, and because around the station area is a market then according to the author, the market should be merged into one vertical building so that the remaining land can be used as parking lot vehicles.

In general, the highest score is on the availability of public transport to the station (c7), the availability of residential area around the station (c10), the availability of office area (c11), the availability of

recreational facilities around the station (c12), and the availability of school around the station (c15), and most stations are still lacking in pedestrian concepts (c1, c2, c3, and c4), cycling concepts (c5 and c6), and priority line for public transportation components (c8).

Recommendations that authors provide for each station to implement the TOD concept for Padang Station is to the improvement of pedestrian concept, development for the cycling concept, and priority line development for public transportation. The recommendation for Alai Shelter is to develop for the cycling concept and development of the parking area for a private vehicle. Air Tawar Shelter is an improvement of pedestrian concept, development for the cycling concept, priority line development for public transportation, and development of the parking area for a private vehicle. On Tabing Station the recommendation is development for the cycling concept, priority line development for public transportation, and development for the availability of traffic calming. Duku Station's recommendation is development for the cycling concept, development for the availability of shelter, development for the availability of hospital, and development for the availability of traffic calming. For Lubuk Alung Station is development for the cycling concept, development of the parking area for a private vehicle, development for the availability of shelter, and development for the availability of traffic calming. On Sicincin Station is development for the cycling concept, development of the parking area for a private vehicle, and development for the availability of shelter. Kayu Tanam Station recommendations are developed for the cycling

concept, development for the availability of shelter, and development for the availability of traffic calming.

So, to implement this TOD concept later, each station must complete the recommended TOD components that are given.

5.2 Suggestions

As for some suggestions that can be given in this study are below:

1. For readers, the results of this study are expected to increase the reader's insight about the components of TOD that must be fulfilled to implement the TOD concept. Especially for those who want to do some research on the implementation of this TOD concept, should be able to share a questionnaire to see if the users of transit mode agree with the implementation of this concept or not.
2. To the Government, the results of this research can be a reference for the government in determining components that are still lacking and will be built to implement the concept of TOD.

