

## **ABSTRACT**

### **Effect Of The Use Of Dry Port To Coal In Charge Conveyances At Way**

**Kanan District**

**Hadyan Arifin Bustam**

**1015011050**

**(Faculty of Engineering, Majoring Civil Engineering Program)**

*Lampung province of Sumatra island as the gate has a port called Port of Long managed by PT. Pelabuhan Indonesia II (Persero). Currently the length of the port has plans to develop container terminal which can be located inland namely the Dry Port. In this case, the District Waykanan considered as an ideal area to build the Dry Port in terms of geography as a boundary between the provinces of Lampung and South Sumatra.*

*From the analysis of the calculation of the transport of coal used modes of transport trucks and transport modes rail, then showed the following results: First Selection of the mode of transport of coal on each company affected by the location of the mine and stockpile of each company, so that the chosen mode of the most efficient and economical and can reduce damage to the road infrastructure of transport cost comparison result that the cost of rail freight transport modes is more economical than the mode of transport trucks with freight costs Rp.428, - per ton / km and the train Rp. 608, - per ton / km for trucks. Second, the results of the research showed that combining transport modes between trucks and trains more economical than using only one mode of transportation. For the third private company constrained mode of transport for the increased production. The company supports the program PT. KAI to create new paths and create double track, because if the new path that has access to the mine and stockpile the company will increase the capacity of existing traffic. Lastly With the construction Dryport as land ports to facilitate the transport of coal via rail transport modes that are more economical and efficient.*

*Keywords: Dry Port, Transport Costs, Coal Way Kanan District*