ABSTRACT

ANALYZING CAPACITY OF BAKAUHENI PORT AFTER PIER VI CONSTRUCTION

Oleh

Galuh pramita

Bakauheni port located in Lampung Province has a very important role for the growth and development of Lampung Province. Bakauheni port - Merak is one of busy ferry ports. Bakauheni port - Merak separated by the Sunda Straits which has a distance of 16 miles (25.75 km) can be reached with 120 minutes, but if it was an increase in passenger flow travel time can be increased to 3 hours for dock not available well.

Amount of pier in the port of Bakauheni to meet the needs of the crossing, causing a queue of vehicles, especially if it's going peak. Therefore, it is necessary to increase the dock in the port of Bakauheni in order to reduce queues of vehicles wanting to cross over to the island of Java.

The calculations were performed by analyzing the capacity of the Port Bakauheni existing conditions, analyzing Bakauheni Port capacity after construction of piers VI and analyze the capacity of the Port of Bakauheni in 2020. The results
obtained Bakauheni Port at this point the mixture can take across 11,891 vehicles during peak, port capacity after Pier VI is as much a mixture of 13,066 vehicles in one day and amount of vehicles in the Port Bakauheni are blends of 15,144 vehicles at peak flow in 2020.

Key words: Port Capacity, crossing