ANALYSIS METHOD BASED ON FITTING BRIDGE GIRDER ASPECTS OF DEVELOPMENT COSTS AND TIME BRIDGE BUNGUR DISTRICT MUNJUNGAN TRENGGALEK

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Abstract
One part of the development and transport development is the construction of the bridge. The bridge is located in the village of Bungur Munjungan sub District District of Trenggalek. The bridge was designed by using a composite bridge structure. The length of the bridge is 84 meters with a width of 7 meters, equipped with sidewalks on either side of the bridge. The bridge consists of 6 span. 2 span with a span of 12 meters and 4 span to span 15 meters. Used is a steel girder WF 700. 300.

The method has been implemented is the method of excavators, while the comparator is used as the launch of the manual method. Moreover, it also counted how many times the cost of implementation and the amount needed to finish building the bridge Bungur.

From the analysis and comparison of the two methods are in accordance with the parameters of existing testers, it was concluded that, in order to finish building the bridge Bungur with excavator method takes 121 days at a cost of Rp 3.287.286.919,19. While the launch of the manual method takes 139 days at a cost of Rp 3.228.751.749,17.

Keywords : Bridge Lagerstroemia, Excavators, Launch Manual
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