ReDesign of betterment
Flexible pavement access point
Situbondo-Bajulmati-Ketapang
STA 256 +000 - STA 259 +000
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Abstrak

Access point-Bajulmati Situbondo-Ketapang is one lane Pantura Java. This road is a road to the port of Ketapang, where a variety of vehicles passing the road. Access point-Ketapang Bajulmati Situbondo-damaged physical condition and result in less convenient for road users and in terms of road capacity does not meet the limits Degree of Saturation (DS) = 0.75, so the line is necessary to improve road capacity by widening and overlay.

From the results of redesign access roads betterment Situbondo-Bajulmati-Ketapang are obtained the following results: geometric control to meet all of the vertical alignment, while the horizontal alignment to be changed because there are no qualified joint horizontal alignment. Carried out road widening from 6 meters (2/2UD) to 9m (2/2UD); thick pavement structure (new), namely the surface layer of the MS 744 with AC Laston MS744 of 5 cm and ATB Laston MS 590 of 6 cm thick, with a base of stone foundation a class split 25 cm thick, Subase sirtu Down with sand gravel mixture class A 27 cm thick. Overlay using MS 744 Laston material thickness of 5 cm. Drainase takes rectangle shape and the dimensions of the edge channels are used there are 2 types namely type I (0.9 x1) and type II (1.2 x1, 3). Plan budget for this project amounted to Rp. 5,407,450,600.00.

Keywords: Geometric Control, Capacity, Pavement, Overlay, Drainase, Budget