REDESIGN OF BETTERMENT
BANGKALAN – Bts.SAMPANG ROAD
STA 23+000 - STA 26+000
MADURA, EAST JAVA PROVINCE

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Road is a device of land communication having important role for fasting of activity of economics and result generalization development. One effort to embody it is widening of joint way Bangkalan-Sampang. By doing widening, improvement, drainage making.

The planning consists of road planning of pavement thick by using guiding the pavement thick of road flexible with component analysis method, capacity analysis by using manual capacity of indonesia street (MKJI) 1997, planning of pavement thick by using guiding the pavement thick road flexible with Component Analysis Method, planning of overlay by Road Pavement Examination Manual with Benkelman Beam instrument, drainage planning with using SNI 03-3424-1994 method, the planning geometric of the road with using manual capacity of Indoneisa street (MKJI) 1997, and cost budget plan by using unit Cost of Main Activity (HSPK).

Of the Planning Result of Widening Bangkalan-Sampang Highway was gained the construction result is widening from 5m become 14m and the widening of the road side was planned 1m, also construction likes thickness of pavement to widening height 19 cm Laston MS 744, 20 cm crockery stone A class (CBR 100%),
10 cm class A sirtu (CBR 70%). While overlay calculation was obtained result 3 cm Laston MS 744. Ditch construction use square shape width 1 m and high 1m , that use masonry material. The cost budget plan for the road planning Bangkalan – Bts.Kab Sampang of pavement is Rp 7,245,683,000,00 (Seven billion two hundred fourty five million and six hundred eighty three thousand rupiahs)