ABSTRACT

Joints way at Sidoarjo-Krian, is a kolektor that connecting between Sidoarjo City with Sub-Provence of Krian at East Java. The road become the alternative ways that connect those two town. This space road have a bad situation, and because of that it can make the user not confident, As the road that hold the characteristic of joints at Sidoarjo – Krian still hold on some problem of transportation, that are: traffic rising that caused by the mount of vehicle and bad condition of that road (phasing and cracking) on some location in that joints road.

In this final project, it is planned the increasing level of road with rigid pavement joints at Sidoarjo-Krian STA 6+000 – STA 9+000 with 3 km length.


From result of calculation planning joints way at Sidoarjo-Krian obtained wide of total road 18 m with shoulder walke 1,5 m with type walke 4/2 UD. For thick planning road ossifying with plan 20 year obtained thick totalize 42 cm with detail of...
foundation coat under using Lean Mix Concrete thickly 15 cm, and endue surface use Concrete ossifying continue with bone (K-400) thickly 27 cm. Planning of edge channel dimension (drainage) in form of square with made materials of stone multiply with finishing obtained dimension of b=1m, d=0.5m, and w=0.5m. needed to Fund conduct development of this project is equal to **Rp 19.621.121.000,00** - (Spelled Out Members Nineteen Billion Sixty Twenty One Million One Hundred Twenty One Thousand Dollars).

**Keyword : Thick of pavement, Dimension Channel, Drainage.**