BETTERMANT DESIGN OF ROAD
AT PANDAN ARUM – PACET LINK (056)
STA 57+000 – 60+050
MOJKERTO REGENCY
EAST JAVA PROVINCE

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Abstraction

Road is an infrastructure of land transportation having role vital important to accelerate economics activity and generalization of development result. One of effort realizing mentioned hence executed by improving of road at Pandan Arum-Pacet.

The planning raising of this road including road capacity analysis by “Manual Kapasitas jalan indonesiа” (MKJI) 1997, planning of thick hardening using the instruction planning of thick hardening flexible road by component analysis method, planning of additional thick layer (overlay) using instruction planing of thick hardening flexible road by component analysis method, planning of drainese by SNI-03-3424-1994 method, and calculation planning using instruction book technical analysis feel of unit price.

Improvement or road Pandan Arum-Pacet planned will be executed in 2020th. Because in the year of the internode unable again accommodate traffic volume. From result of planning of improvement segmen Pandan Arum-Pacet obtained by result of construction enlargement from 5 m become 7 m and thick ossifying for the enlargement of as high as 8 cm (Laston MS 744), 20 cm crushed stone class A (CBR 90%), 15 cm sand stone class B (CBR 50%). While calculation of overlay got result 4 cm
(Laston MS 744). For the planning drainage, weared is square. Estimate of expense for the planning of improvement segment Pandan Arum-Pacet is Rp 3,475,695,550.00 (three milliard four hundred seventy five million six hundred ninety five thousands five hundred fifteen rupiah).