ABSTRACTION

REDESIGN OF BETTERMENT
LEGUNDI – BUNDER ROAD
STA 22+000 – 25+000
GRESIK REGENCY
EAST JAVA PROVINCE

Composed By :
Student I : Nani Mufasiroh
NRP : 3107.030.085
Major : D3 Civil Engineering FTSP - ITS

Student II : Rinta Anggraini
NRP : 3107.030.146
Major : D3 Civil Engineering FTSP - ITS

Counsellor Lecturer : Ir.Agung Budipriyanto, MEng., PhD.
NIP : 19620328.198803.1.001

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 Legundi – Pertigaan Bunder.

The planning raising of thin road including road capacity analysis by “Manual Kapasitan Jalan Indonesia” (MKJI) 1997, planning of thick layer (Overlay) using instruction planning of thick hardening flexible road by component analysis feel of unit price.

To increase the comfortable of people who use this road by construction enlargement from 5 m become 7 m. And thick for the enlargement of as high as 10 cm (Laston MS 744), 36 cm crushed stone class A, 36 cm sand stone class B. While the calculation of overlay got result 3 cm (Laston MS 744). For the
planning of drainage, worn is square. The estimate of expense for the planning of improvement this road is Rp.3,973,630,000.00 (three billion nine hundred seventy three million six hundred thirty thousand rupiah).