FINAL PROJECT

PLANNING NORMALIZATION NGASINAN RIVER
STA 31 +550 - 32 +600 STA TRENGGALEK DISTRICT EAST JAVA PROVINCE

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Abstract

Kali is a branch Ngasinan proselytizer times the Brantas disgorge in Trenggalek and ended in time ngrowo Tulungagung. Conditions ngasinan times that can not function properly causing the flood when the rain with a high intensity.

With the problem then needs to be done to control flooding of the road with the normalization. Conducted a review and then make a calculation of hydrological analysis begins with the analysis of rain plan, analysis of rainfall intensity, flood analysis debit plan, hydraulics analysis, and analysis of embankment stability.

From the results of the calculation didapatkandebit flood Q25 = 473.32 m3/dtk. With High and planning dimensions of the channel width 4 m and 25 m.

Keywords: Flood, normalization