DEWATERING SYSTEM OF CONSTRUCTION
BOX CULVERT INSTALLATION
AT GUNUNGSARI DRAINAGE P.87
(SUKOMANUNGGAL-RAYA TANDES)
OF SURABAYA CITY

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Abstract
The area of Sukomanunggal-Raya Tandes Surabaya easily floods when rain comes with high intensity, therefore it results traffic jams around the area. One of spill ways used to reduce capacity of flood debit is Gunungsari drainage on Banyuurip street Surabaya. Besides it need of the spaces for traffic ways are very necessary for any road users, especially drivers and motorists. In fact the access of traffic ways on that way is very narrow and insufficient for a two-way access.

To overcome the problem of flood that occurred in the area, it’s needed the Hydrologic analysis calculation and the Dewatering system calculation. As a result of the flooding problems is a traffic jam. To solve it and also provide spaces for traffic ways to two-way access in Sukomanunggal-Raya TandesSurabaya must be installed the Box Culvert.

Key words : Flood, Dewatering, Box Culverts
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