CONSTRUCTION METHOD OF BOX CULVERT INSTALLATION AT DRAINAGE CHANNEL DEVELOPMENT PROJECT IN SEMOLOWARU CHANNEL OF SURABAYA CITY

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Abstract

Semolowaru areas highly susceptible to flooding during high rainfall. One of the sewers that are used to reduce the pool of water during the flood channel Semolowaru on Jl. Surabaya City Semolowaru, but rain water entering through this channel can cause bank erosion on the channel and the provision of land for traffic was also badly needed by the road users, given access to traffic on the road is very narrow and inadequate for two-way road access. To meet these needs requires Box Culvert materials able to withstand erosion and channel bank to support the weight of the vehicle, then on the surface do asphalting Box Culvert and channel provides a channel for household waste, so channel function Semolowaru Channel Box Culvert work optimally.

Box Culvert installation is done by the Implementation Method, Network Analysis and Planning. While the initial phase of work, precast sewer work, street work and sidewalk work and other related jobs. Jobs require a fee of Rp. 24,304,143,000.00 and takes time during the 84 calendar days (during working hours 1 day 8 hours)

Keyword : Floods, Erosion, Traffic, Box Culvert