REDESIGN OF FLEXIBLE PEVEMENT OF ACCESS ROAD OF SURABAYA-MADURA (SURAMADU) NATIONAL BRIDGE FROM MADURA SIDE STA. 8+000 – STA. 11+350 MADURA, EAST JAVA

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Abstract

Surabaya-Madura (Suramadu) National Bridge built to increase the Economic of East Java specially Madura. To assist the function of Suramadu Bridge, founded infrastructure is the Access Road of Suramadu Bridge. For the Final Project job the part of use is Access Road of Suramadu Bridge form Madura side Sta. 8+000 – Sta. 11+350.

Result of analize which have to be got result of that widely road 10 m got degree of saturation (DS) in the early old age with value 0.301 and by the end of plan age got value 0.36. The width of pavement with age plan is ten years got thick 5 cm for the coat of surface (Laston, MS=744KG, A=0.40), 20 cm for base course (Material "A", CBR=100%, A=0.14), and 20 cm for sub base (CBR=50%, A=0.12). Estimate of required expense in the plan a number of Rp Rp 17,413,042,100,- (Seventeen billion and four hundred and thirteen million and fourty two thousand and one handred rupias).

Key word: Access Road