

DESIGN OF THICKNESS
BY USING THE DESIGN MANUAL METHOD
ROAD RESTRICTIONS / NO 02 / M / BM / 2017
(Study Case : Simpang Ayam Street of Simpang Ayam village)

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ABSTRACT

The road is the main means of transportation that connects from one place to another, especially for the Bengkalis district chicken intersection, the current road access is the one and only way to get to the Bengkalis State Polytechnic campus in the maritime direction and also access to the beach at the intersection. chicken. For now, the beach is increasingly known among the people around Bengkalis and outside Bengkalis because it has characteristics that make visitors curious to visit it, so it is necessary to repair roads to support the economy of the local community.

Seeing the damaged road conditions vary, therefore it is necessary to re-plan the flexible pavement on the chicken intersection, in order to support the economy and also facilitate access for the local community in developing the Chicken Simpang Desa. For this research, the method of the Revised Road Pavement Design Manual September 2017 Number 02 / M / BM / 2017 is used and the budget plan is based on the 2016 Work Unit Price Analysis.

Based on the calculation of pavement thickness obtained from the Revised Road Pavement Design Manual method of September 2017 Number 02 / M / BM / 2017 of IDR 20,195,950.00 (Twenty billion one hundred ninety-five million nine hundred and fifty thousand rupiah)

Keywords: Pavement Design Manual 2017, Budget Plan, Flexible pavement.