

**THE EVALUATION AND DETERMINATIONS OF THE ALIGNMENT
HORIZONTAL
(Case Study : Tanjung Kapal – Darul Aman Street, Rupert District, Bengkalis
Regency)**

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ABSTRACT

The geometric road design is part of the road design which focuses on the body of road that can be used implemented to traffic quickly, safely, comfortably, and efficiently.

The purpose of planning to find alignment horizontal, sight distance, and widening of roads are required by using Geometric Planning Procedures For Inter – City Roads in 1997 method.

The result obtained are: (1) 15 alignment horizontal with 11 Spiral – Circle – Spiral and 4 Full Circle (2) The stopping visibility and the visibility to prepare at the point of intersections of the spiral – Spiral and Full Circle from the calculation results obtained 51,35 and 421,95 meter, (3) point of intersections widening is only done at the point of intersections 2 so that the vehicle can maintain its trajectory in the provided lane.

Keywords : Geometric Evaluation, Horizontal Alignment, TPGJAK 1997