

งานวิจัยศึกษาและออกแบบระบบผิวจราจรไร้รอยต่อ (Jointless pavement system)

Expressway and Rapid Transit Authority of Thailand has an aim to investigate new jointless pavement system in order to replace for the current joint system of Chaloem Mahanakorn Expressway. Appropriateness of the system, system design, procedures of system improvement , recurring cost and return on investment for changing the system are mainly considered. Result of the study confirms that using the jointless pavement system has not any impact on strength of the infrastructure of the expressway. The pattern of joint changing consists of half joint and full joint replacement. Estimation of return on investment for half joint changing averages 14.7 years and 18.2 years for full joint replacement.



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