

Suchart Wongwanasorn 2012: Guidelines for Improving Walkway at PhongPhet Intersection.
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This research aims to study the factors affecting walkway at Phong Phet Intersection, the study also investigate all characteristic and physical conditions using the walkway that affects on the pattern of people behavior and propose appropriate walkway improvement guidelines that relevant to walkway behaviors and needs at Phong Phet Intersection to provide a maximum benefit for the walkway in the area.

From the questionnaires on the factors affecting on walkway usage within the study area of eight routes, found that the most important factor is the physical factor, which has a high average impact level of 3.74, while the other factors, such as street furniture, socioeconomic and environmental factors have a medium average impact level. As for the opinion on the improvements, the features of the walkway that need to be improved are the physical elements, which has an average impact of 3.90 while policies and regulations for walkway have less impact.

Therefore, the guideline for improving walkway is to improve the physical conditions of the walkway. The first route that needs to be improved is route number 4, which is the route from Phong Phet Intersection to pedestrian bridge at Soi Chaiyakiat 1 (pass through Grand Home Mart). Overall, the surface of the walkway is in need of repair and the walkway system need to be connected to public transportation nodes.

Student's signature

Thesis Advisor's signature