

Cyclescapes: Revolutionizing Biking Facilities towards Inclusive Mobility

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ABSTRACT

The emergence of the COVID-19 pandemic not just exposed the traffic situation in the Philippines, but also paved the way to consider cycling as a means of transportation. In the light of the campaign to encourage the use of bicycles as alternative transportation and provide health security for people during and even after the pandemic, Cyclescapes Project Design was developed to promote an effective bike network. The project design was based on the design toolkit provided by the Department of Health, analysis of the gathered data from the preferences of cyclists and the tourism department of the local government of San Pablo City, as well as from the inputs of experts and professionals. The project design was composed of the bench, bike racks, and rainwater collection system to harvest rainwater for use in the toilet, and an air pump for bicycle tires. The respondents evaluated the project design and viewed it highly acceptable in terms of aesthetics, layout, concept, appropriateness, value, and safety. The proposed Bike Stop Plan and Cycling Routes were also highly acceptable as perceived by them. This was a manifestation that the project design has met the objectives and requirements for the establishment of a cycling facility. Thus, it is highly recommended by the local government in San Pablo City to materialize the proposed project design. Provisions for streetscape plans as well as mapping of potential bike routes may be considered to revolutionize biking facilities and promote inclusive mobility.

Keywords: biking facilities, cyclescapes, inclusive mobility, streetscapes, bike stop plan

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