

행정중심복합도시 보행환경 진단 및 향후 조성방향 제안

Future Directions for Pedestrian Environment in Multi-functional Administrative City, Korea

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The Multi-functional Administrative City (MA City) construction plan has been receiving great attention as a large-scale new development project led by the national government in Korea. In particular, The MA City was planned with a big emphasis on the construction of transit-oriented urban transportation networks and pedestrian accesses to them. Therefore, the role of the walking environment is important for realizing the planning concepts of the MA City. Against this backdrop, this study aims to diagnose the walking environment of the completed areas and to propose future directions for the rest areas.

This study suggests the following. First, in order to enhance the safety of pedestrians on the sidewalk, it is necessary to separate walking and bicycle passage routes. Second, it is necessary to improve design of roundabout areas, to adopt curb extensions, to install pedestrian islands, and to introduce pedestrian-oriented traffic signal system as measures to ensure the safety and convenience of pedestrian crossing. Third, to improve the attractiveness and vitality of the street, it is necessary to construct a commercial street-side Parklet, to install street landscape and benches, to improve the building façade and street-level design, and to operate the street activation programs. Fourth, ‘road diet’ can be considered as a way to secure pedestrian spaces necessary for the above

measures, but gradual application is necessary considering the opinions of the residents. Finally, as a planning direction for implementing the above-mentioned proposals comprehensively, it is possible to consider the composition of the ‘Complete Street’, and it is necessary to prepare a design guide for this.

It is expected that the proposals of this study will be useful for the improvement of the walking environment in the constructed areas and future plans for the rest areas, thereby leading to successful realization of the planning concept of the MA city. In addition, it is expected that it will contribute to improving residents’ walking behavior and satisfaction of the walking environment in the MA City.

Keywords: Multi-functional Administrative City, Pedestrian Environment, Pedestrian Behavior, Diagnosis