

Pedestrian Safety Measures for Community Roads in Siheung-si

'Way to Sorae-San' is a typical community road, which locates at an old section of Siheung-si. Typical community road at an old part of city implies inferior and dangerous pedestrian environment due to mixed use with vehicles and prevailing illegal parkings.

In order to enhance pedestrian environment for the 'Way to Sorae-San, traffic calming strategies are decided to apply by the city government. To find out the most suitable and possible improvement plan, face to face survey for the residents has been executed. During the process of survey, the purpose and effect of this plan are explained for the resident to understand fully and to induce higher consent rate for this project.

The most highly consented plan by the resident is as follows: keeping two way traffic system as present, mixed use with vehicles as present, no sidewalks, and many parking lots as possible. The plan requested by the significant proposition of the resident is the one with the least change from the present condition. Only one conspicuous change is the stamp pavement instead of asphalt. This plan is a bit unsatisfactory but the realization of the plan is far easy and smooth because the consent rate of resident is the highest.

In spite of the plan which the most residents want, the best solution for 'Way to Sorae-San is still proposed with the hope that the city government persistently persuade and discuss with the resident for the best design in this neighborhood. The best solution suggests one way street with sidewalks. This is mainly because 'Way to Sorea-San' is a part of school zone walkway which needs exclusive pedestrian space for elementary school students. Furthermore another community road connecting to the 'Way to Sorae-San is already one way street with sidewalks.

Keyword Community Road, Walking Right, Way to Sorae-San