

Transportation Plan for Taejeon Region, Gwangju City

The planned population of Taejeon region is 19,869 people, and the area is 965,756 m². Large scale housing complexes without transportation measures result to traffic difficulties. The purpose of this study is to solve the traffic inconveniences for Taejeon residents by establishing comprehensive transportation measures considering short-term and long-term alternatives.

The transportation measures for Taejeon region are road expansion plan, railway expansion plan, and traffic system improvement plan. The road expansion plan examined nine short-term projects and five mid- and long-term projects. As a way to expand railway facilities, the feasibility study for Wirye-Sinsa Line extension was reviewed. Traffic system improvement plan requires the upgradement of roundabout under Taejeon Overbridge, Opo Intersection, and Opo IC on Sejong-Pocheon Highway.

In this study, the following five policies are suggested. First, use special accounting for metropolitan transportation facilities by applying metropolitan railway system. Second, pursue the national highway bypass project. Third, suggest to the Ministry of Land, Infrastructure and Transport that the expansion of Gobul road and Route 43 connected to Sejong-Pocheon Expressway should be classified as central government project. Fourth, establish a comprehensive plan so that part of the road project connecting Taejeon Overbridge to Gwangju Station are covered by the responsible development project operators. Last, promote the Gwangju city public transportation improvement of operating a bus route that directly connects from Samdong Station to Gwangju Station in Taejeon region as Gwangju reestablishment project.

Keyword

Gwangju City, Taejeon Region, National Highway Bypass, Wirye-Sinsa Line Extension, Special Accounting for Metropolitan Transportation Facilities