

INTISARI

Stasiun Yogyakarta merupakan gerbang masuk Kota Yogyakarta bagi pengguna kereta api. Setiap penumpang menggunakan moda pendukung untuk datang ke stasiun maupun sebaliknya. Fasilitas *kiss-and-ride* dan *park-and-ride* merupakan fasilitas antarmoda yang mengakomodasi perpindahan penumpang tersebut. Setiap tahun, volume penumpang yang menggunakan Stasiun Yogyakarta semakin bertambah sehingga diperlukan redesign fasilitas *kiss-and-ride* dan *park-and-ride* untuk meningkatkan pelayanan bagi penumpang dan pengantar/ penjemput. Selain itu, disediakan fasilitas parkir pegawai yang terpisah dari fasilitas *kiss-and-ride* dan *park-and-ride*.

Dilakukan survei *counting* penumpang yang dijemput, pola pergerakan penumpang, dan parkir untuk mengetahui penggunaan fasilitas *kiss-and-ride* dan *park-and-ride* eksisting sedangkan penggunaan parkir pegawai eksisting diketahui berdasarkan pembagian *shift* dan waktu dinas. Setelah itu, dapat diketahui permasalahan yang timbul akibat penggunaan eksisting lalu ditentukan solusi permasalahannya.

Hasil redesign fasilitas *kiss-and-ride* dan *park-and-ride* yaitu pola pergerakan penumpang, sirkulasi kendaraan, ruang parkir, dan ruang tunggu penumpang yang baru. Disediakan ruang parkir : mobil 39 SRP, taksi 17 SRP, sepeda motor 16 SRP, *shuttle* 2 SRP, becak 14 SRP, dan bus pariwisata 5 SRP dan ruang tunggu seluas 1529 m² pada fasilitas *kiss-and-ride* sedangkan ruang parkir : mobil 137 SRP ,dan sepeda motor 1131 SRP pada fasilitas *park-and-ride* tanpa ruang tunggu. Parkir pegawai perlu ditambah ruang parkir sepeda motor sebanyak 5 SRP.

Kata kunci: *kiss-and-ride*, *park-and-ride*, parkir pegawai, pola pergerakan penumpang, ruang parkir

ABSTRACT

Yogyakarta Railway Station is the entrance gate of the Yogyakarta City for train users. Each passenger using feeder mode to come to the station or vice versa. Kiss-and-ride and park-and-ride facilities are intermodal facilities that accommodate the passenger movement. Every year the volume of passenger that use the Yogyakarta Railway Station is increasing so required to redesign kiss-and-ride and park-and-ride facilities that can improve passenger and pick-up/drop-off user service. Besides that, employee parking facilities which separated from kiss-and-ride and park-and-ride facilities is provided.

The counting survey for passenger that picked-up, pattern of the passenger movement survey, and parking survey have done to find out the existing kiss-and-ride and park-and-ride facilities operation and usage while the existing employee parking operation and usage is known based on the working time. After that, it can be known the problems arising due to the existing operation and usage then determined the solution of the problem.

The result of the redesigning kiss-and-ride and park-and-ride facilities that are new pattern of the passenger movement, vehicle circulation, parking space, and passenger waiting area. Parking spaces are provided for passenger car 39 parking spaces, taxi 17 parking spaces, motorcycle 16 parking spaces, shuttle 2 parking spaces, pedicab 14 parking spaces, and tourist bus 5 parking spaces and passenger waiting area 1529 m² at kiss-and-ride facilities while parking spaces are provided for passenger car 137 parking spaces and motorcycle 1131 parking spaces at park-and-ride facilities without passenger waiting area. Employee parking facilities necessary added 5 parking spaces for motorcycle.

Keywords: kiss-and-ride, park-and-ride, employee parking, pattern of the passenger movement, parking space