

PASIG CITY TRANSIT SYSTEM

PASIG CITY, METRO MANILA

- TRAFFIC DEMAND ANALYSIS
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Pasig City

Pasig City, located in the National Capital Region (NCR) of the Philippines, is one of the highly urbanized cities in the country and home to several prominent developments, most notably Ortigas Center, a premier central business district in the region. Its geography is a natural inter-city connection, being surrounded by other urbanized cities of the NCR in almost all directions.

The Challenge

Due to extreme traffic congestion in Pasig City and the lack of public transport infrastructure to cater to the increasing demand of passengers traveling via the City’s corridors, the need and potential for transport development is undeniable. One of Pasig City’s major development goals is to establish an environmentally sustainable mass transport by “strengthening intra-city and inter-city connectivity that is vital to long-term growth”¹.

SYSTRA's Role

In 2018, the Pasig City Government commissioned the services of the consultant (a joint venture composed of SYSTRA Philippines Incorporated and Engineering and Development Corporation of the Philippines) to conduct a Feasibility Study (FS), taking off from an existing pre-feasibility study conducted in January 2017.

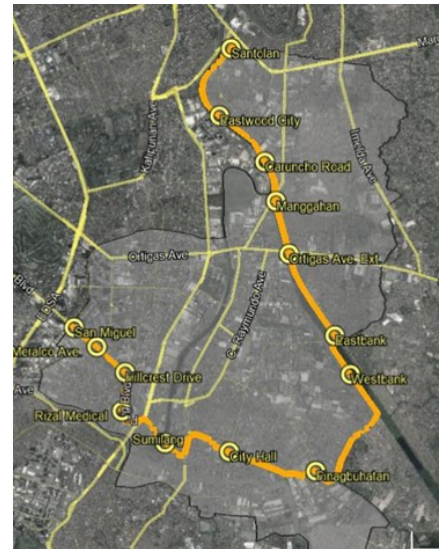
The overarching goal of the FS was to provide a rational and integrated public transport system that will ensure increased mobility and accessibility. The specific objectives are as follows:

1. To prepare an FS, cognizant of other urban transport projects of the national government and connectivity to the major mass transit services;
2. To consider and recommend the best institutional set-up that will provide support to the operations and maintenance of the system; and,
3. To prepare the implementation strategy for the transport system, including the direct involvement of the City in public transport development and operations.

The Project

The proposed mass transit system has the following goals :

- Provide a safe, affordable, modern, reliable, sustainable and integrated public transport system;
- Establish north-south and east-west links whilst ensuring connectivity with other mass transit services within and around Pasig City;
- Improve passenger movement within Pasig City by providing an alternative means to travel with comfortable passenger inter-modal transfer facilities;
- Alleviate traffic congestion along Pasig City’s corridors; and,
- Improve the quality of life and support the world-wide shift to cleaner energy by reducing air and noise pollution caused by vehicular emission.



FACTS AND FIGURES

Length:	16.35 km
No. of stations:	14
Loop Time (two-way):	approximately 1 hour
Technology:	Monorail
Passenger capacity (Max.):	300 pax (6 pax sqm)

¹Pasig City Comprehensive Land and Water Use Plan