



DARASCO (DARAGA RAILWAY STATION COMPLEX): A ROADWAY HUB THROUGH EXPERIENTIAL ARCHITECTURE

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ABSTRACT

Railway have been an integral part of our history for the last few decades and one of the modes of travel that have contributed to the economy. The old railway station at Daraga, Albay, on the South Main Line, is no longer in use. The underlying cause was these informal settlers and natural disasters that caused serious damage for the network, bridges and tracks, causing Manila – Albay routes and railroad stations to suspend operations.

The proposed DARASCO (Daraga Railway Station Complex): A Roadway Hub Through Experimental Architecture provides a railway station in Daraga along with the completion of DOTr and PNR Project – South Long Haul Project Contract Package 1 (Banlic – Daraga). It offers a brand-new, effective transportation system for the advancement and development. The railway will link cities and economic areas, enabling quicker freight and passenger transportation.

The proposed project provides a variety of convenient amenities to satisfy users comfort and community needs. It also provides adequate accommodations for the disabled, as well as biggest passenger assistance. The design is in accordance with the laws and ordinances guided by the Environmental Impact Statement (EIS) for Philippine National Railways South Long Haul (SLH) Project Contract Package 1 (Banlic to Daraga), The National Building Code of the Philippines, and the Fire Code of the Philippines and Accessibility Law. The project incorporates the experimental approach which shapes the experience of the users as well as promoting the culture of the Region. Thus, designing a gateway with the consideration of the passenger's convenience and environment.

Keywords: Railway station, Experimental architecture, Transportation infrastructure, Philippine National Railways, Accessibility, Sustainable design, Passenger convenience

Sustainable Development Goals: 9 Industry, Innovation, and Infrastructure