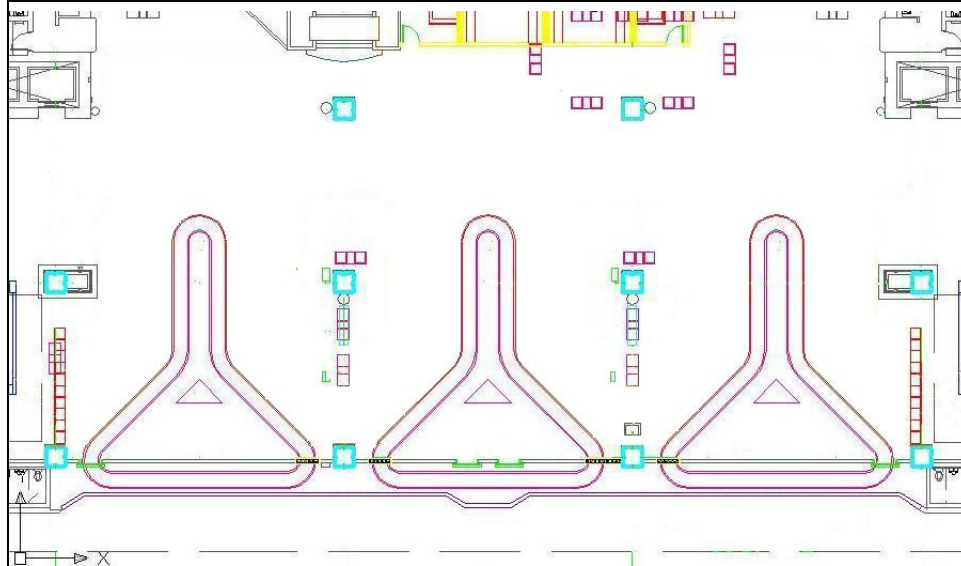




## Domestic Baggage Claim Redevelopment Tampa International Airport



*Existing Red Baggage Claim Hall*

**Client Name:** Gresham, Smith and Partners

**Date Started:** August 2008

**Date Completed:** December 2008

Tampa International Airport (TPA) is in the process of updating their landside baggage claim halls. The update is comprised of both replacing the baggage claim devices and adding additional space to the baggage claim halls.

As part of the planning for this effort, Gresham, Smith and Partners asked TransSolutions to perform simulation analyses of a selected section of a baggage claim hall to identify the benefits provided by the proposed layouts and to determine the Level of Service provided to passengers at a future planning-day demand level.

TransSolutions developed passenger and baggage forecasts for current and future demand levels and developed simulation models of the current and proposed layouts of the selected baggage claim hall area to perform operational and design analyses. Three overall scenarios were reviewed incorporating different combinations of the designs and demand levels.

Analyses included estimating passenger and baggage arrivals to the selected bag claim hall section, passenger travel to the claim devices, use of baggage carts, greeters meeting with passengers, and cross flows of nearby claim areas in addition to passengers waiting at the claim devices to capture the overall benefits of the proposed design.