

HSIA Parking Garage

Halifax, Nova Scotia



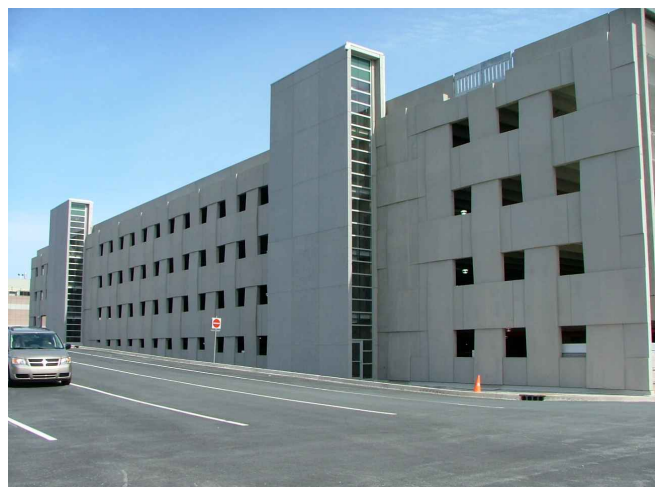
After more than 6 months of erection,

Strescon has installed the last precast component of the largest Precast Parking Garage they have ever undertaken.

In order to meet the fast paced schedule for erection, Strescon Bedford started fabrication in early January of 2008, and had completed the last of approximately 2,200 pieces by the end of September. The new Halifax Airport Parking Garage was finished by the end of February 2009.

Halifax's Robert L. Stanfield International Airport is Atlantic Canada's gateway to the world, providing passengers and cargo clients with access to markets across the country, the United States and Europe. It is also the only airport in Atlantic Canada to offer U.S. preclearance, and Canada Customs Services on a 24 hour, 7 day a week basis. The Airport welcomes almost 3.5 million passengers annually.

In order to improve the flow of passengers and vehicles, the Halifax International Airport Authority embarked on a \$82 million groundside redevelopment program which includes the reconfiguration of the airports roadways and underground services to make way for a proposed hotel plus a 2,300 space parking facility adjacent to the north end of the terminal building, including an over-road pedway for pedestrian safety and convenience. The parking structure will also be designed to house car rental counters and vehicles for the Halifax International Airport Authority. This parking garage is over 2 football fields in length and four stories high.



One of the unique aspects of the Airport project is its architectural design for the North and South Elevations. The load bearing Precast panels on these elevations are designed with a “basket-weave” look. Strescon was up to the challenge brought forward by Architect Rolfe Kaartinen, of NORR Limited Architects & Engineers. After many hours of consultation, Strescon came up with a cost effective plan for fabrication and installation of these intricate panels.

The garage was designed as an open concept, with the majority of the parking structure being supported by Precast Columns and Inverted Tee Beams. The floors are constructed of 10’ wide Double-Tee’s. The East and West elevations are also unique, with the slim look of the Precast Double-Tee being exposed to view. Precast strand, along with stainless steel mesh, protect the safety of the passengers and their vehicles on these elevations while providing the slim look the Architect was trying to achieve. The stainless steel mesh is framed with Precast Eyebrow panels capping off these elevations. Speed ramps near the North and South ends of the garage will give vehicles quick access and exit from the parking structure.



On December 19th, 2008 Strescon’s trades’ people celebrated the erection of the last component of Precast with a traditional “topping-off” ceremony in which the employee’s of Strescon working on the site sign the final piece before being hoisted into place. They also gather for a ceremonial picture.

A great deal of labor was put into creating this structure from the Architectural design and Structural engineering to fabrication of the precast components and installation of these large Precast blocks. Everyone involved in the structure’s creation takes great pride in seeing the last Precast component installed. The structure has been completed and is visible for everyone to admire their accomplishments.

Atlantic Canada’s largest Precast Parking Garage has really come together at the Halifax Stanfield International Airport.

Project: **HSIA Parking Garage - Enfield, Nova Scotia**
 Architects: **NORR Architects / Barrie & Langille Architects Ltd.- Halifax, Nova Scotia**
 Engineers: **BMR Structural Engineering- Halifax, Nova Scotia**
 General Contractor: **3C’s Contractors - Sackville, Nova Scotia**
 Precast Fabricator: **Strescon Limited - Bedford, Nova Scotia**



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Strescon is a member of the OSCO Construction Group