

## NEW VIA RAIL WINDSOR TRAIN STATION

The new 1,025 sq. metre VIA Rail Station is designed with many sustainable and energy efficient features. The entire main floor of the station will have in-floor heating with a vertical loop geothermal system. The station's roof will consist of 23 metre long clear spanning curved aluminum trusses with multi-cell polycarbonate roofing panels that will flood the entire main level with diffused daylight. Occupancy sensors and daylight sensors will control the LED lighting. The entire south side of the curved roof will have solar panels that will generate 25 kw of power.

The station entrance will be easily identified by a 12 metre VIA signage tower. Travelers entering the new 7 metre high station through a large expanse of a "living wall" will be greeted by four ticket kiosks located directly opposite the entrance. The departure and arrival lounges, seating more than 125 people, will have wide expanses of glass walls along the platform side with uninterrupted views of arriving and departing trains.

The existing Boiler Plant will be refurbished to provide work space for the maintenance staff. The enlarged site will have parking for 110 cars with designated areas for short-term and long-term parking as well as reserved parking areas for taxis. Vehicular access will be from Walker Road and from Montreuil Street. The parking lots, illuminated with energy efficient LED lights, will be appropriately screened with tree planting. The site is being developed to allow for a future parkette for public art located near the station entrance.



Architect: Myk Wasylko – Wasylko Architect Inc.

Constructed by: Loaring Construction, Windsor, Ontario.

Completion date: End of 2011.

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