



East Harbour Transit Hub

Toronto, Canada / 2024-2028

Structural type	Reinforced concrete
Characteristics	Two levels above grade formed by concrete columns, beams and slabs
Owner	MetroInx
Client	Hatch
Constructor	AtkinsRéalis + Bird Construction JV
Architect	Hatch



The East Harbour Transit Hub is a new interchange station serving the Riverdale, Riverside and Leslieville communities, located immediately east of the Don Valley Parkway and south of Eastern Avenue.

Connecting to the Lakeshore East and Stouffville GO lines, as well as the future Ontario Line subway, this transformative project will provide access to GO trains and TTC services all in one location.

The Entrance and Ancillary building consist of two sections -East and West- serving as access to the OL and GO transit line.

The building's structural system is composed of reinforced concrete, with two levels above grade. The lateral stability of the structure is provided by moment-resisting frames, achieved through the robust connections between the beams and columns. The flooring consists of reinforced concrete slabs with a thickness of 40 cm, which are supported by deep beams that link all columns, ensuring an integrated load distribution.

The foundation is designed using caissons that are anchored into the underlying bedrock, with diameters of 88 cm and 100 cm. To enhance structural integrity and absorb any possible deviations during construction, all caissons are interconnected by grade beams oriented in different directions.



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