

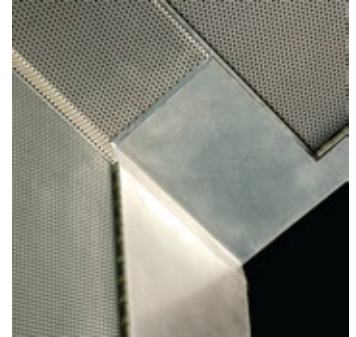


The City of Toronto - Dufferin Jog Elimination - Portal Cladding

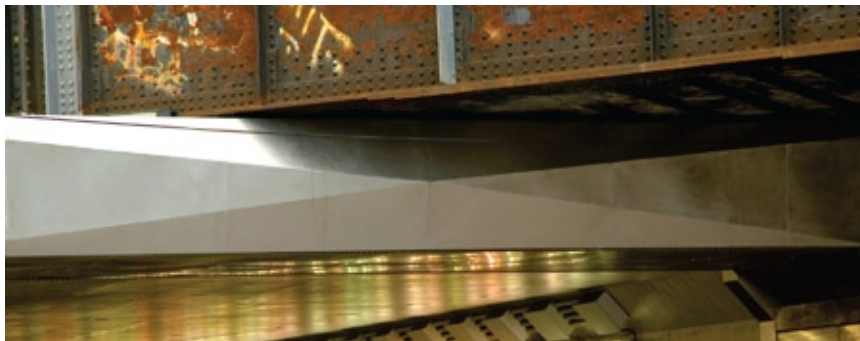
Location Toronto, Ontario
Designer/Architect City of Toronto - Technical Services
Duration Apr 2009 - Jun 2011

Scope - Soheil Mosun Limited was contracted to design, fabricate and install the cladding support system and the stainless steel portal cladding at the Dufferin Street Jog Elimination project in downtown Toronto.

Highlights - The supporting structure beneath the cladding is comprised of galvanized steel angle tube clamped without drilling or welding to the existing bridge structure. All hardware fastening is stainless steel. The exterior cladding is alloy 316 exterior high grade 16 Gauge stainless steel with a non-directional orbital finish. Cladding is mechanically fastened and welded to the underlying framework with no visible fasteners. The cladding is formed in a diamond shaped angular shape in both concave and convex formation. Perforated access panels wrap to the inside of the underpass and elegantly hide the various mechanical necessities while allowing for water drainage.



Detail of a perforated top cladding access panel



Stainless steel cladding made with convex forming.



Concave forming of the cladding



The Dufferin Street Jog portal with stainless steel portal cladding.