

Dundas Street West Resurfacing and Sidewalk Replacement

Design was required for the replacement of curb and sidewalk on Dundas Street West from Quebec Avenue to Runnymede Road. Design and supervision of construction for the resurfacing of the entire roadway was also included. There was a lot of street furniture including large tree planters, garbage and recycling bins, light poles, bus stops and many other features, some of which had to be temporarily relocated and others had to be incorporated into the sidewalk resurfacing.

One of the key issues with a project such as this is to get the local community on-side by informing them and including them in the design and construction process. LEA Consulting met with City staff and representatives from the Toronto Junction Business Community Improvement Association and other stakeholders, and one of the main issues was the complete redevelopment of a small parkette at the intersection of Dundas and St. Johns Road. When considering sidewalk reconstruction, curb and gutter and road resurfacing, one of the most serious issues was the achievement of sufficient crossfall and longitudinal grade to eliminate ponding problems and to ensure positive drainage across walkways and sidewalk areas.

Following approval of detailed design, contract documents were prepared, tenders were invited, evaluated, and the contract was awarded to the



successful tenderer. Supervision of construction involved more liaison with stakeholders, information concerning when and where construction would take place, and ensuring safe and visible signing for pedestrians to avoid areas where construction was taking place. Traffic detours were worked out during design stage and implemented with input from the contractor during the construction. Two lanes were maintained on Dundas Street at all times. Accommodation was made for TTC buses and parking had to be eliminated in certain areas during construction. Part of the design and construction also involved incorporating the design of signals at intersections, as prepared by City of Toronto Traffic Operations staff.

Despite many additional streetscaping requirements, water supply and drainage to the parkette and other additional design features requested by the Business Association, the project was finished on time and on budget, and without serious disruption to traffic and businesses on Dundas Street.



PROJECT SUMMARY

Client:
City of Toronto

Location:
Toronto, Ontario

Services Provided:
**Preliminary Design,
Consultation with
Stakeholders, Permits and
Approvals, Detailed Design,
Contract Documents,
Tendering Services, Contract
Administration and
Supervision**