

Regional Road 25

LEA was retained by the Regional Municipality of Halton to prepare detailed design drawings and construction contract for the rehabilitation of Regional Road 25 from north of Highway 401, northerly 7.3 km.

A detailed survey was completed using a 9 point cross section (centre line, edge of pavement, edge of partially paved shoulder, edge of shoulder and bottom of ditch). All topographic details within the right of way were updated. Top of grate elevations for all catchbasins and manholes were obtained. All guiderail was surveyed and elevation of the top of rail and top of post was obtained.

The detailed design included rehabilitation of the two-lane highway by milling 50-mm asphalt, removing all the steel slag, crack sealing and completing the patch repair of the underlying pavement



distresses. The roadway was then resurfaced with 50 mm of HL 1. As part of the project a thorough review of the roadside safety details was undertaken. Adjustments were made to the 3-cable guiderail, clean out of ditches to maintain the integrity of the drainage system and the replacement of traffic loop detectors at Regional Road 11.

LEA also provided full contract administration and field inspection during construction.



PROJECT SUMMARY

Client:
Regional Municipality of Halton

Location:
Regional Municipality of Halton

Services Provided:
**Survey, Detail Design, and
Contract Administration**

Completion Date:
1999