

# Royal Oaks Traffic Calming - East Vistas

## Stats:

**LOCATION:**

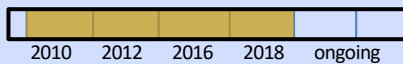
Nisku, AB



**CLIENT:**

Cancom Developments Ltd

**PROJECT TIMELINE:**



**OUR ROLE:**

Prime Consultant

**PROJECT TYPE: Traffic Calming**

**PROJECT DESCRIPTION:**

Scheffer Andrew Ltd designed and managed the construction of a 40m roundabout in the urban neighbourhood of Royal Oaks in Leduc County. This roundabout is located at the intersection of 59th AVE NE & 30 St NE, which is the main entryway to the ongoing 80-acre residential development, and future access route to subsequent 160-acre development. Given its busy location, this roundabout was a critical element of our critical traffic calming strategy. In our conceptual and preliminary designs, we have identified and implemented several geometric features aimed at traffic calming, including channelization of traffic, raised medians and islands, signage, and strategic landscaping, while maintaining appropriate sightlines and turning movements for trucks, buses, and fire trucks. In addition to geometric design features, we also incorporated important “lessons learned” into our design, which included best design practices for the grading and drainage of the roundabout which helped the municipality use their existing maintenance equipment and helped manage winter conditions at the roundabout.

