

170 Street: 36 Av – Rabbit Hill Road SW, Edmonton

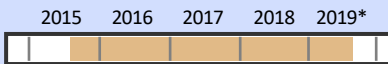
Stats:

LOCATION:
Edmonton, AB



CLIENT:
Cameron Corp.

PROJECT TIMELINE:



(*on-going)

OUR ROLE:
Prime Consultant

PROJECT TYPE: Preliminary & Detailed Design

PROJECT DESCRIPTION:

170 Street in the south west of Edmonton is proposed to ultimately be a 6-lane freeway with associated collector-distributor roadways. Scheffer Andrew prepared, and had approved by the City of Edmonton, the Preliminary plans for the collector-distributor roadway on the east side of the 170 St RoW. Following that approval, we were tasked to prepare the Detailed Designs for the C-D roadway, which consists of a 2-lane road with paved shoulders in specific locations and left and right turning bays where needed, as well as a shared use path. The design also had to accommodate transit vehicle movement. The detailed design approval process is ongoing.

SERVICES PROVIDED:

Scheffer Andrew provided the designs for the plan and profile of the proposed roadway and the associated storm water management. Due to downstream constraints, beyond the project scope, a temporary storm water retention pond was designed to accommodate on-site drainage. SAL provided design coordination for power, street lighting, landscaping and gas components of the project. Coordination was also required with the consultant for the adjacent landowner who is also developing property in the area. The quantity take-off and cost estimate were developed for the future construction of the project. Property line grading was another component of the design which required input from the Noise Study sub-consultant, ACI, to determine whether or not noise barrier berming would be required.

