

Legacy Regional Park

City of Lethbridge, 2016 – 2019

Legacy Regional Park is a newly constructed 30-hectare park located on the north side of Lethbridge. The park is a unique blend of landscape features that are both urban and natural, contemporary and historical, which include a baseball diamond, soccer field, skate park, playground, tennis courts, basketball court, toboggan hill and garden area with many trails and sitting areas.

As part of the project team Ion were retained by the City of Lethbridge to complete all aspects of the park, including preliminary design, detailed design, site irrigation design, grading design, tendering services and technical assistance of the construction management.

Ion has been involved in this project in various capacities since 2012. As designers for Legacy Park, Ion continues to consult by helping the City complete the Construction Completion via contract administration and inspection services. Recently, Ion was contracted as irrigation consultants on this project to design and administer the installation of a 'temporary' irrigation & pumping system.

It is the firm's understanding that the park's irrigation will be the largest landscape park irrigation system installed in Western Canada since Ion's inception in 2001. The irrigation system is designed with approximately 2,100 sprinklers, 250 hydro-zones and 28,000m of non-standard high-density polyethylene (HDPE) pipe with a total construction cost of approximately \$1,700,000. The park is designed to use 'non-potable' water for the irrigation system from two connected onsite ponds. The installed pumpstation provides water for irrigation at approximately 1300 gpm.

