

**Welcome!**

# 102 Avenue over Groat Road Bridge Replacement (B2)



# Environmental Impact Assessment

## What is an EIA?

An Environmental Impact Assessment (EIA) looks at all of the environmental and public concerns related to the bridge replacement and determines ways to minimize impacts to the public, wildlife, plants, and the ecosystem.

## Why are we doing one for this project?

An EIA is required because the work is being done in the North Saskatchewan River Valley System (City of Edmonton North Saskatchewan River Valley Bylaw 7188)

## What are we looking for?

Does the removal of the existing bridge and the installation of the new bridge affect:

- Noise, odor, and visual Impacts
- Historic resources (archeological)
- Land use
- Hydrology & hydrogeology (water)
- Aquatic resources (rivers and creeks)
- Soils and geology (erosion and contamination)
- Vegetation (replacement strategies)
- Socioeconomic impacts (bridge lifespan)

## What have we done to date?

Investigated all of the above, but specifically

- A historic resources survey
- A hydrology study
- A geotechnical study
- Soil contaminant testing
- Two rare plant assessments and a vegetation (common plants) assessment
- A winter snow tracking survey, a bat survey, a nocturnal owl survey, a songbird survey, and incidental wildlife sightings
- Permitting for the project

No issues have been discovered that need special treatment or remediation.

## What is left to do?

Include the public meeting in the final draft of the EIA and make recommendations to the City based on the concerns of the area stakeholders.

