

# Longyear Drive (MR89) at Edison Road Roadway Realignment and Intersection Improvements

## *Project Highlights*

- Realign the intersection of Longyear Drive (MR89) and Edison Road by introducing a roundabout, eliminating the left-hand turn.
- Close a section of Longyear Drive (MR89) eliminating the “s-curve”
- Landscape the closed section of Longyear Drive (MR89) and introduce a dedicated wildlife habitat for birds and other species.

## *What is a Roundabout?*

- A roundabout is an intersection where two or more roads meet. Traffic circulates counterclockwise, to the right of a centre island. All entering vehicles must yield to traffic already in a roundabout.

## *The Benefits of a Roundabout*

- By changing the intersection from a left-hand turn on an “S-Curve” to a roundabout, injury collisions will be reduced because there are fewer points of conflict.
- Traffic enters a roundabout at a slower speed, keeping traffic moving and reducing unnecessary stopping, idling and air pollution.
- A paved shoulder will be added on both sides of Edison Road with a pedestrian crossing connecting each side for enhanced pedestrian safety.
- Trees and shrubs will be planted in the centre of the roundabout. This eliminates headlight glare from on-coming traffic at nighttime and remove the perception of traffic lanes coming straight through. This enhances driver safety.

## *What is happening to the snowmobile crossing at Longyear Drive (MR89)?*

- The City’s project team has communicated the details of the realignment and intersection improvements at Longyear Drive (MR89) and Edison Rd with the Sudbury Trail Plan Association. Through a review by both parties, it was determined that the section of Trail 74 along Longyear Drive (MR89), and the roadway crossing will be closed in favour of an alternative location in the future. The details of this relocation have not been determined at this time and will be reviewed by the Association once the roundabout has been constructed.
- For further questions regarding this topic please contact the Sudbury Trail Plan Association at [manager@sudburytrailplan.ca](mailto:manager@sudburytrailplan.ca)
- Please visit <https://www.ofsc.on.ca/trail-maps/> for an Interactive Trail Guide.

## *Traffic Impacts and Construction Schedule*

- Clearing of the area for the roundabout construction will occur in April, 2022.
- Construction of the roundabout and the connections to Longyear Drive (MR89) and Edison Road, including the landscaping work on the closed section of Longyear Drive (MR89) will be completed between May to November 2022.
- Edison Road from Longyear Drive (MR89) to Lindsley Street will be closed during the construction of the roundabout.
- There will be lane closures on Longyear Drive (MR89) when construction the connections of the roundabout to the roadway.
- There is a proposed speed limit reduction on Longyear Drive (MR89) from the roundabout into Falconbridge, slowing the speed of the traffic entering the community.