

# SMU CAMPUS ACTIVE TRANSPORTATION PLAN

## PROJECT PURPOSE

The purpose of the Campus Active Transportation Plan is to develop an accessible, sustainable, and fit for all ages and abilities (AAA) multi-modal transportation network within and connecting to the campus grounds. The plan will build upon previous and ongoing relevant plans within and surrounding the area.

## WHY ARE WE HERE?

Public engagement can help increase the accountability and transparency of research and ensure that the project goals respond to campus issues and needs. Through engagement, SMU staff, students, faculty, and Homburg users can become informed about, participate in, and influence SMU Campus decisions.

## OBSERVATIONS

### Accessibility issues relating to pedestrian ramps

- » missing pedestrian ramps
- » missing tactile walking surface indicators

### Noncompliant accessible parking

- » existing accessible parking spaces too narrow
- » associated access aisles too narrow
- » no signage designating the spot as accessible

### Requirement for Additional Marked Crosswalk

- » indicate to drivers the presence of a pedestrian route
- » highlight an accessible route

### Desired Paths

- » indicates that the built environment does not accommodate the routes that are most convenient

### No Dedicated Bike Infrastructure Within or Connecting to Campus

### Not Enough Secure Bike Parking

- » only five secure bike parking opportunities

### No Place to Clean Micromobility Devices

### Undesirable Activity in Wooded Area of the Oaks Property

- » tenting, bonfires, and other undesirable activities within the mainly undeveloped land of the Oaks property

### E-Scooters Usage Throughout Campus

- » increase in the number and popularity of e-scooters
- » left throughout campus in undesirable locations, such as the middle of pedestrian pathways

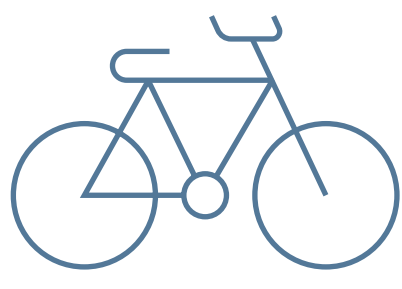
### Demand for Electirc Vehicle (EV) Charging

- » only one EV charging station (Level 2) on campus

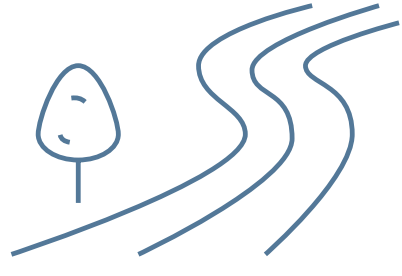


## PROJECT GOAL

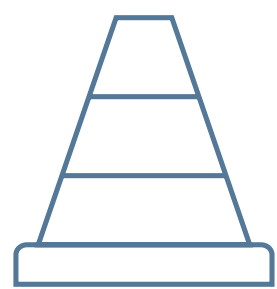
From the beginning, Saint Mary's has supported the philosophy that physical health is a strong foundation for a productive mind and spirit. The primary goal of this project is to develop an accessible, sustainable, and fit for all ages and abilities (AAA) multi-modal transportation network within and connecting to the campus grounds.



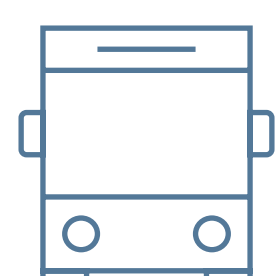
Active Transportation Infrastructure



Aesthetics of the Corridor by Incorporating Green Space Enhancements



Safety for all Road Users



Transit Infrastructure and Operations

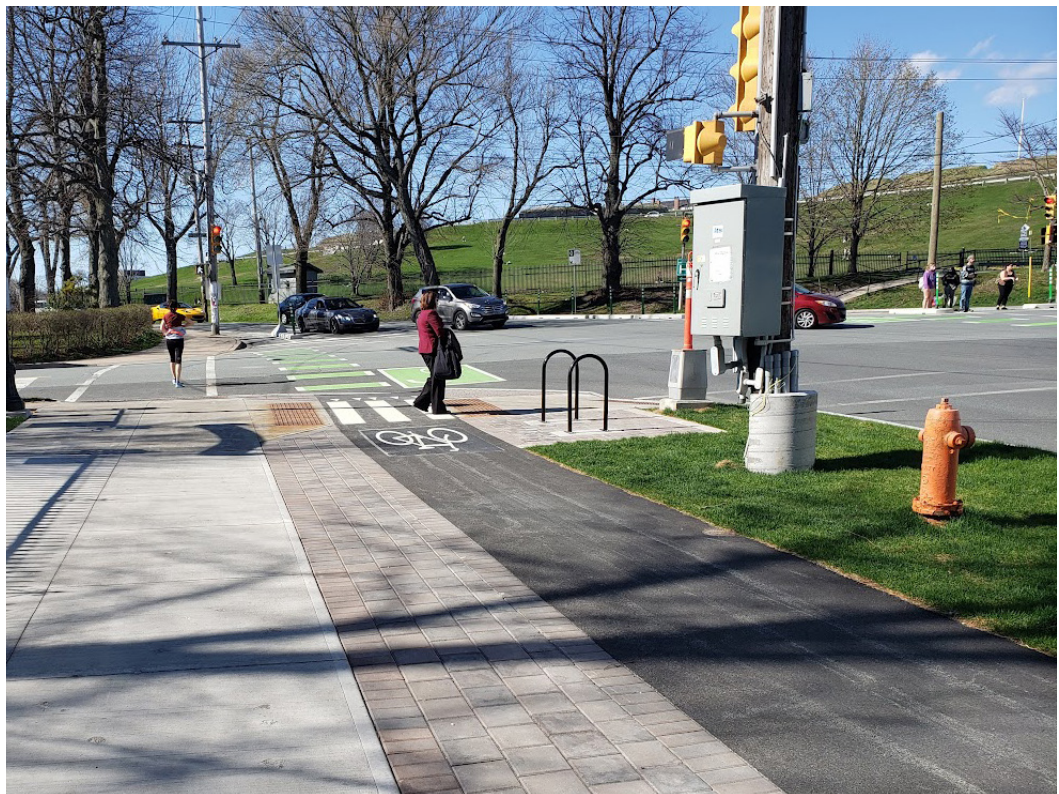
## PEDESTRIAN INFRASTRUCTURE

Sidewalks and ramps should consider all ages and be designed and maintained to accommodate people with a variety of physical abilities.



## CYCLING FACILITIES

Being within the urban core of the Halifax Peninsula, there are a number of existing and proposed bikeways in close proximity to campus. A cycling network with active transportation amenities should be developed throughout SMU campus based on existing plans and behavior of cyclists.



## TRANSIT OPERATIONS

Halifax Regional Municipality's Rapid Transit Strategy proposes to build a bus rapid transit (BRT) network by 2030, which includes a route (Green Line) connecting to Saint Mary's University. The premise is to improve service for riders by providing all-day, frequent, and reliable service by implementing transit priority treatments (e.g. bus lanes) along congested corridors and reducing the number of transit stops along the route.



## PARKING

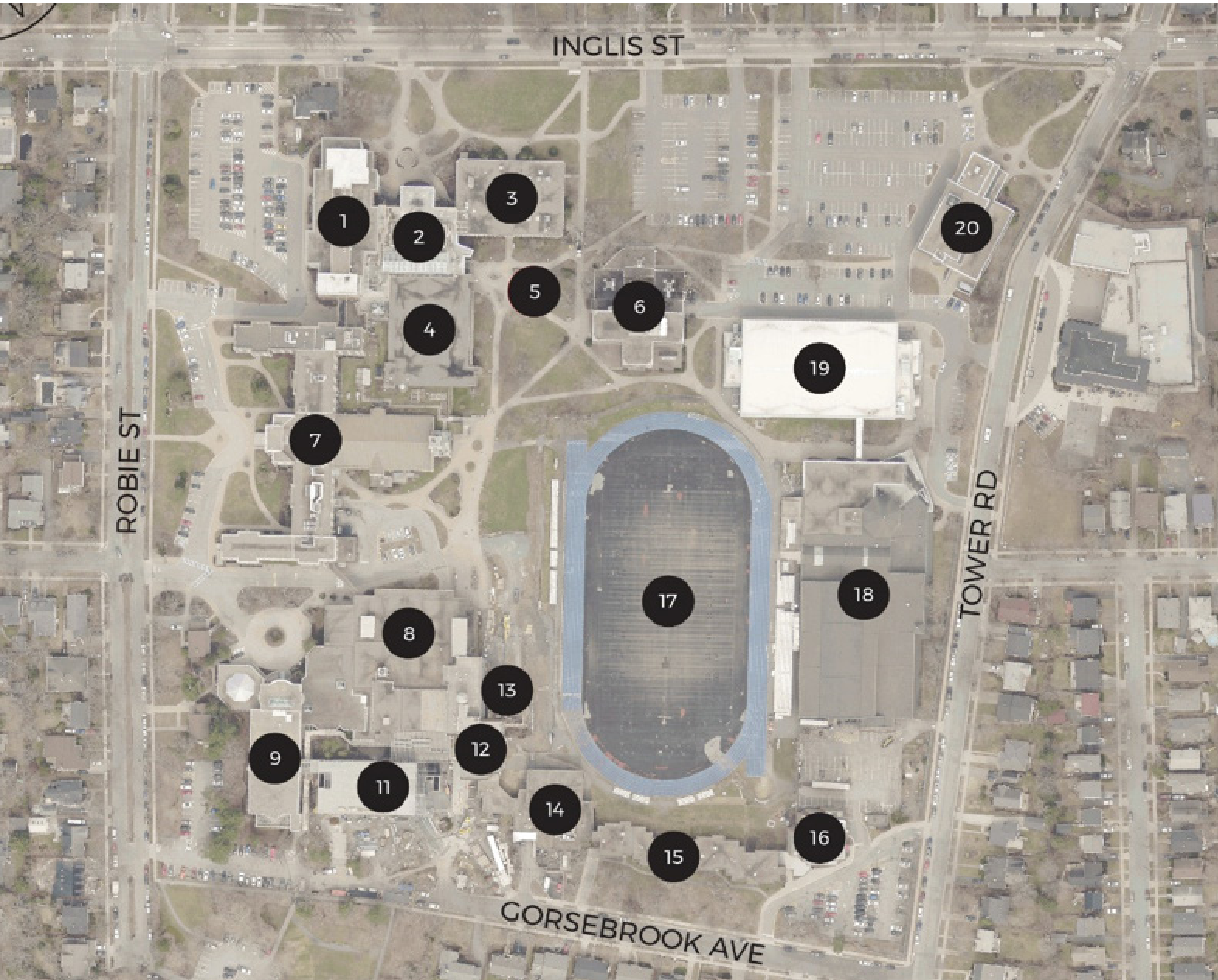
There are currently 710 parking spots, 17 of which are designated accessible and should comply with regulations.



## EV CHARGING

There is currently one parking spot which has access to an EV charging station. Sustainable EV charging stations should be considered for vehicles and micro-mobility devices.

## SAINT MARY'S UNIVERSITY CAMPUS



### LEGEND

- 1 Science Building
- 2 Atrium
- 3 Burke Building
- 4 Patrick Power Library
- 5 Main Quad
- 6 O'Donnell Hennessey Student Centre
- 7 McNally Building
- 8 Loyola Academic Complex
- 9 Sobey Building
- 10 The Oaks
- 11 Sobeys Inspiration Building
- 12 Loyola Residence
- 13 The Exchange
- 14 Wellness Link Building
- 15 Vanier Residence
- 16 Rice Residence
- 17 Husky Stadium
- 18 Homburg Centre for Health and Wellness
- 19 The Dauphinee Centre
- 20 The Language Centre