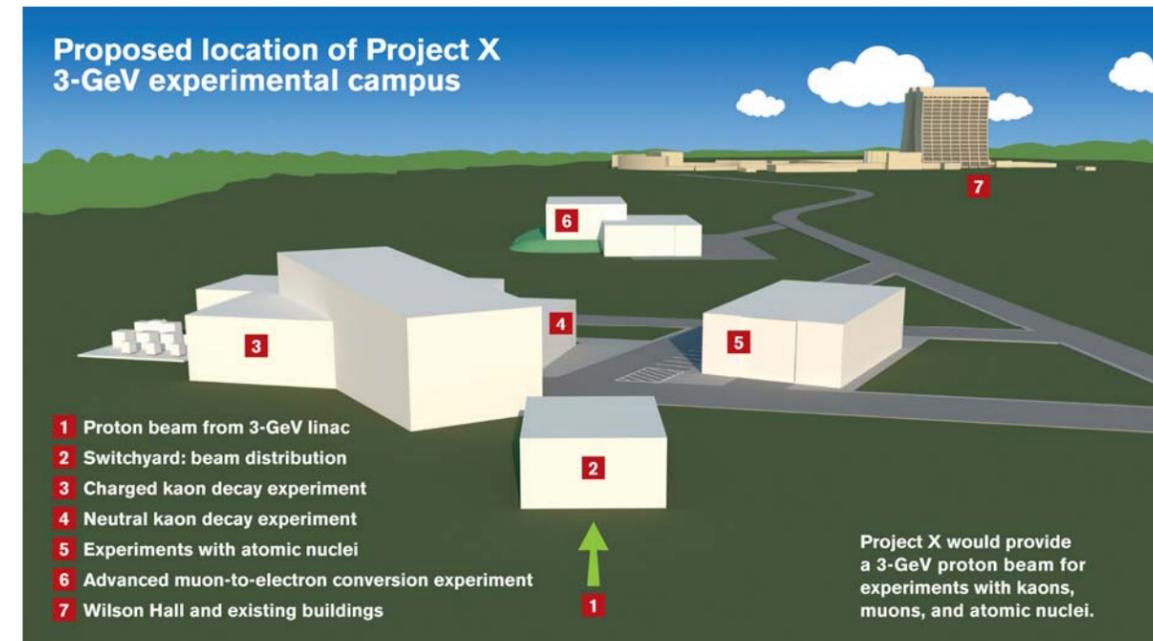


## The Project X campus

Project X is a proposed intense proton source that would provide beam for a variety of future physics projects. The proposed accelerator would consist of a superconducting linear accelerator that would inject charged hydrogen atoms into existing parts of the Fermilab accelerator complex, where they would be stripped of their electrons. The remaining protons could be accelerated for use in very long baseline neutrino oscillation experiments, such as NOvA and LBNE. Simultaneously, Project X could supply protons to kaon and muon-based precision experiments. The accelerator would contain superconducting radio-frequency components similar to those designed for another proposed accelerator, the International Linear Collider.

The Project X surface construction would consist of upwards of 12 buildings, along with road relocation, additional roadways and access from the Central Campus and site configurations to accommodate the new facilities.





legend

- 1 High Power Spallation Campus
- 2 3-8 GeV Pulsed Linac
- 3 1-3 GeV CW Linac
- 4 0-1 GeV CW Linac
- 5 High Power Muon and Kaon Campus

Project X Campus Key Plan

