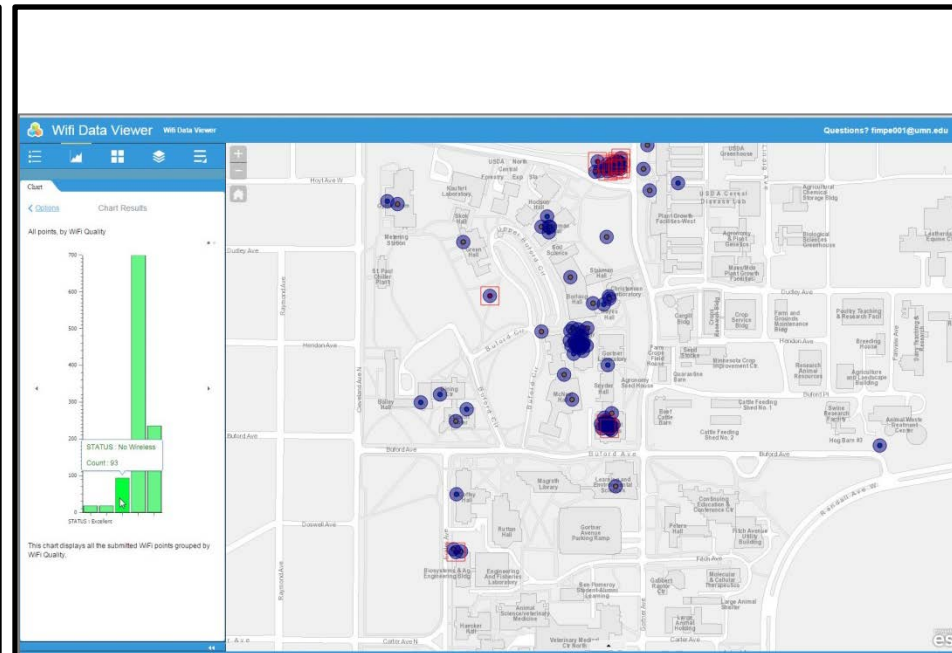
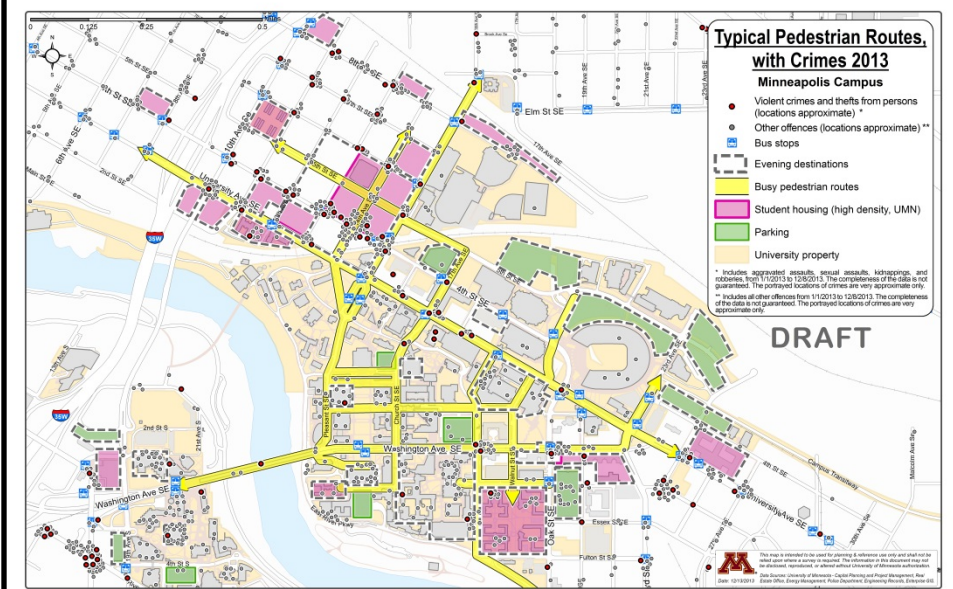


University of Minnesota Enterprise GIS – Providing GIS Support for Administrative Units

Reporting/Visualization

To better understand **campus crime** and communicate it's geography related to other factors a project team including police officers, planners, and engineers used a series of illustrative maps made with GIS software.

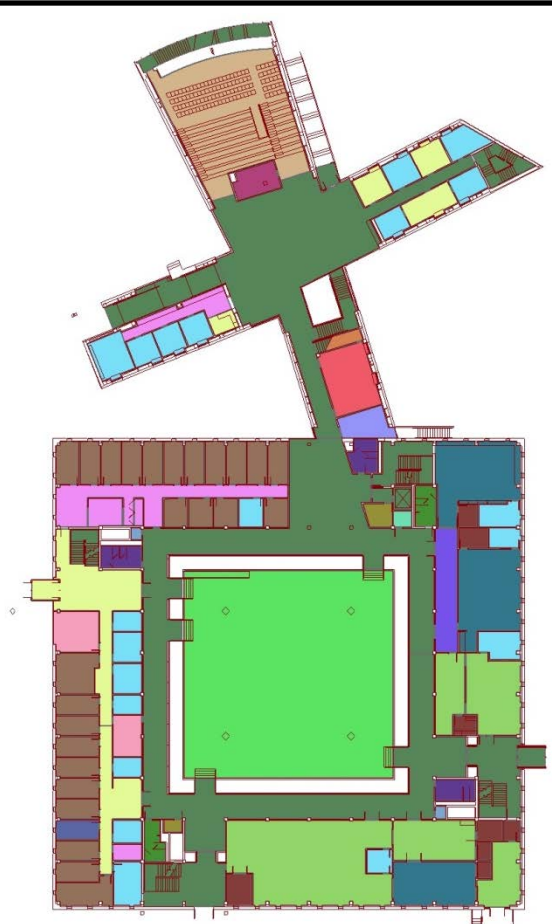


This web-based GIS application allows OIT network engineers to query, visualize, and export **wifi data** submitted by the public.

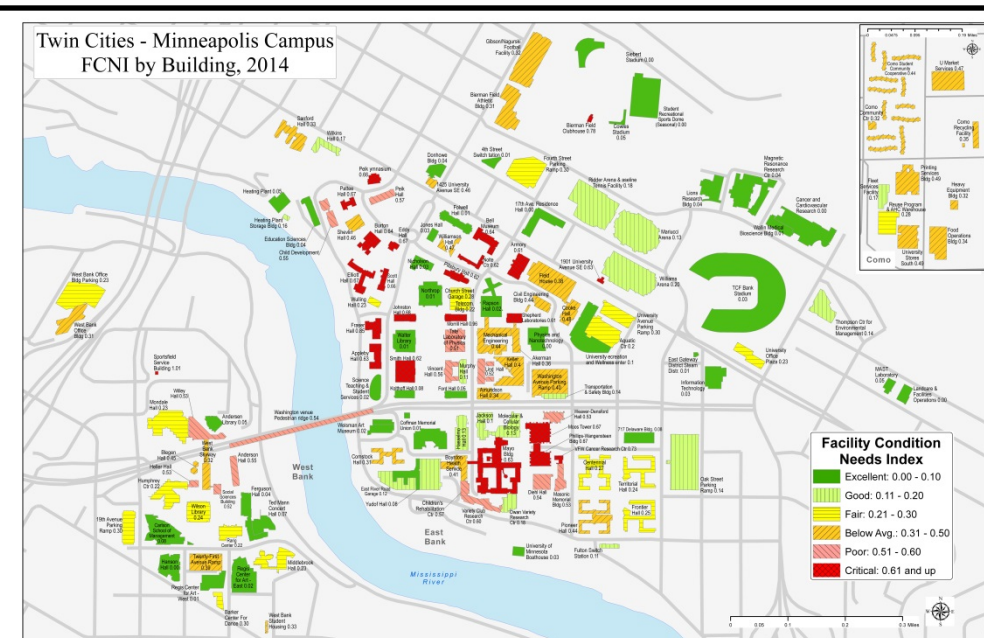


The University of Minnesota Real Estate Office uses GIS to help manage the University's far-spread **land holdings**.

Space planners use GIS to visualize thousands of **floor plans** in countless ways: the image to the right shows Rapson Hall floor 1 color coded by room use.

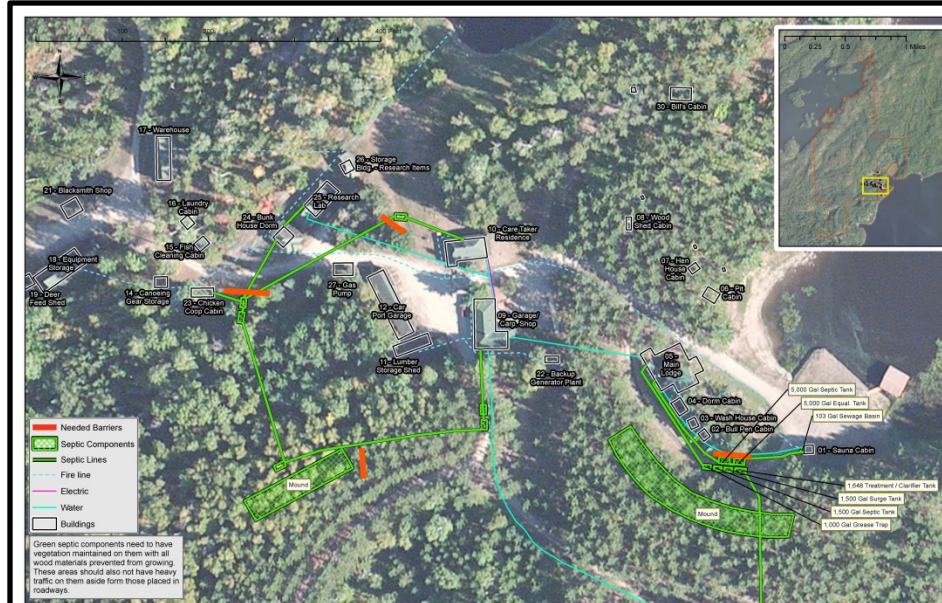


In **presentations to University leadership** maps are used to convey data. The map on the left shown buildings on the St. Paul campus color coded by tax status. The map above shows buildings on the Minneapolis campus color coded by their Facilities Condition Need Index (Repair/Replacement cost).

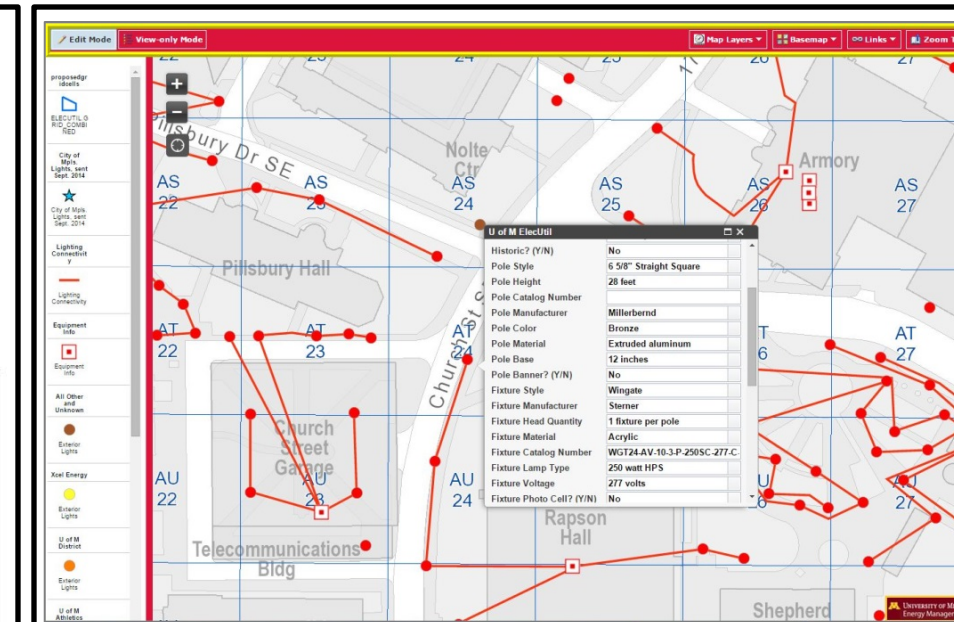


Asset Management

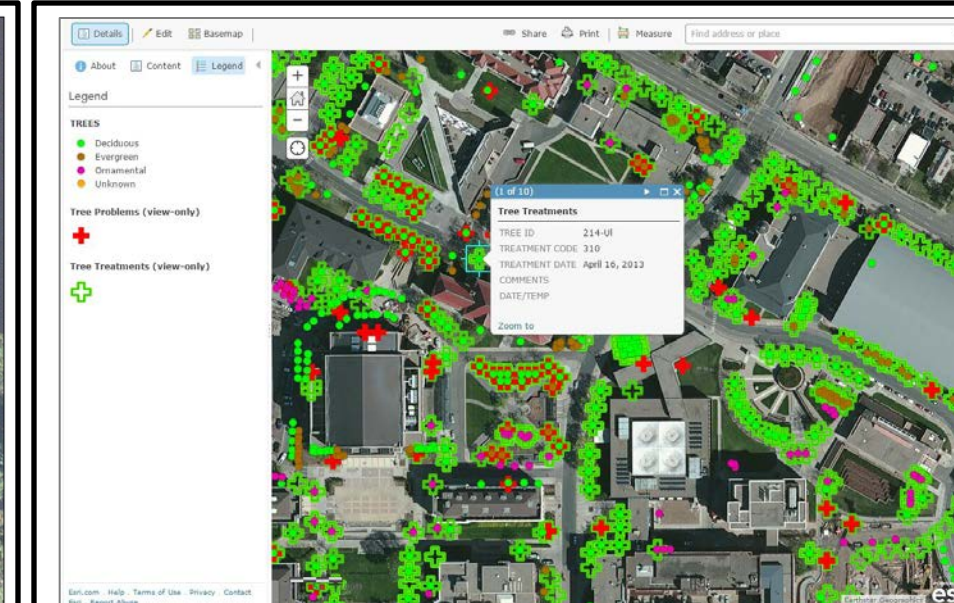
To keep University **sidewalks** maintained and usable for all, any issues and repairs are tracked via GIS.



The University has land holdings across the state. Information about a variety of assets such as **septic tanks** and other infrastructure components is stored and disseminated using GIS technology.

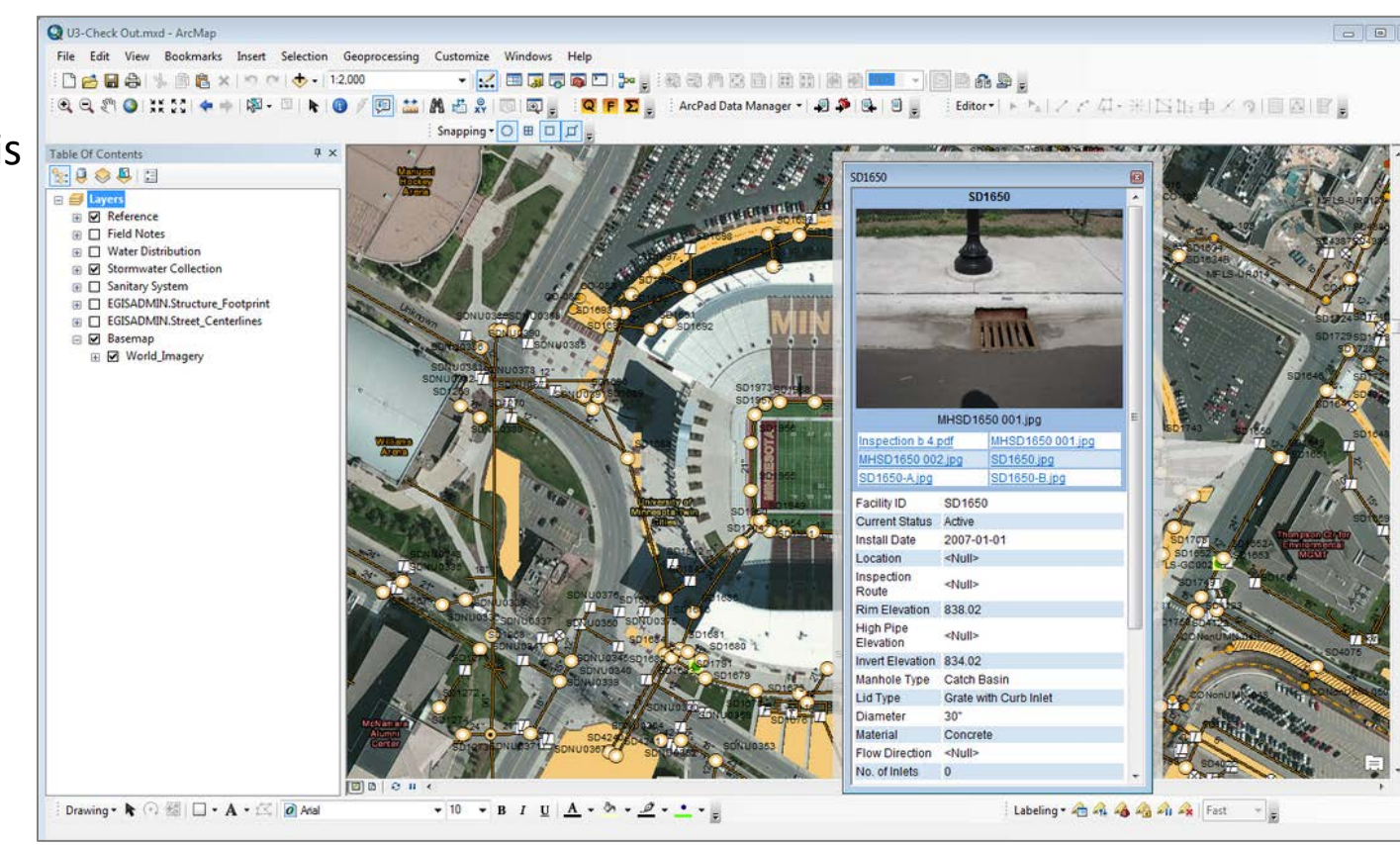


More than 3,000 **street lights** are required to light up the University's Minneapolis and St. Paul campus. University engineers use GIS to manage and maintain exterior lights and related infrastructure components.



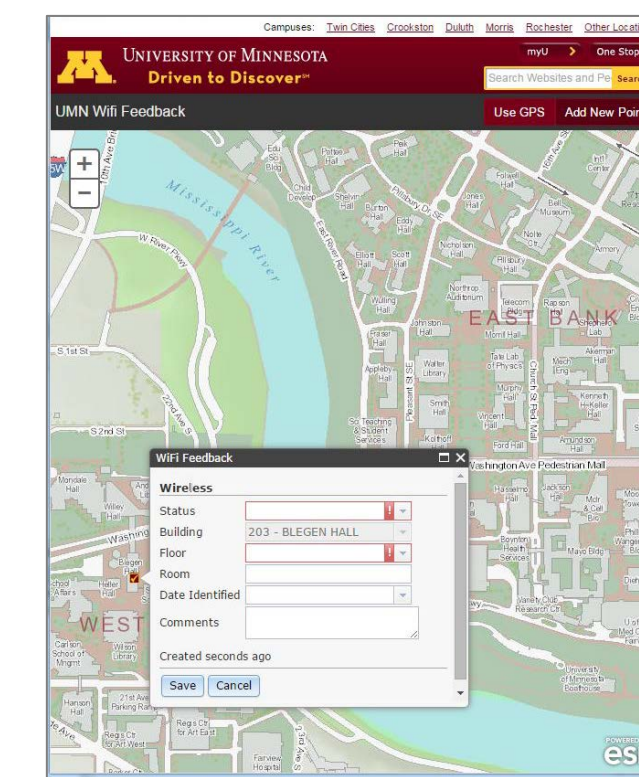
More than 5,000 existing trees as well as 10,000 removed trees are managed using GIS. The web map shown above allows personnel to view and edit this data using desktop computers or mobile devices.

The vast system of **water, sewer, and stormwater** related infrastructure components on the University's Minneapolis and St. Paul campus is managed by civil engineers using GIS technology.

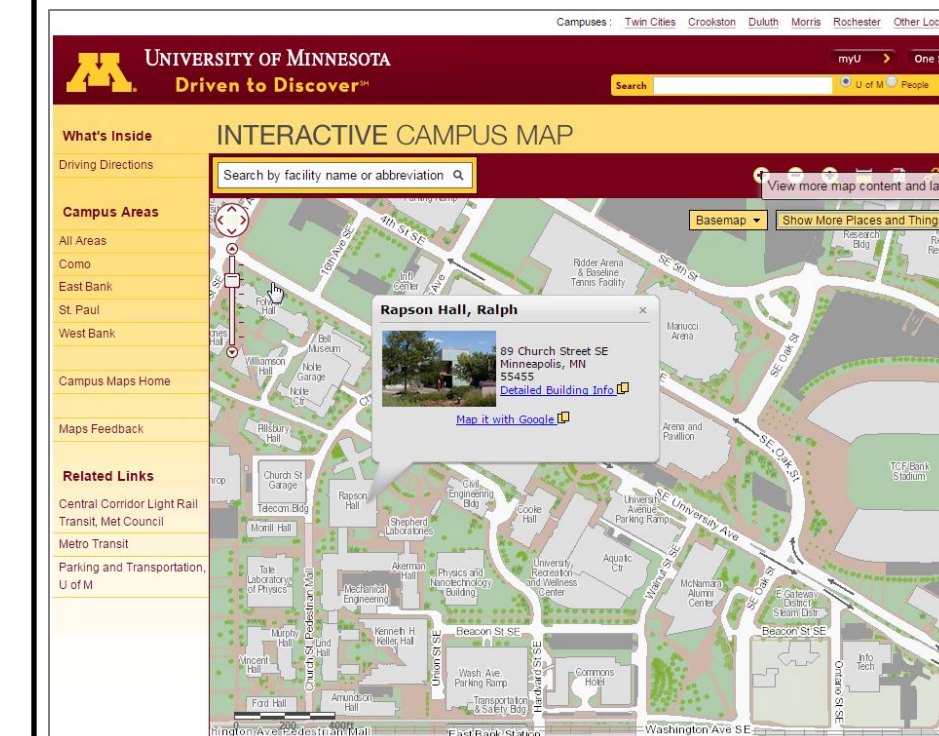


Public Information

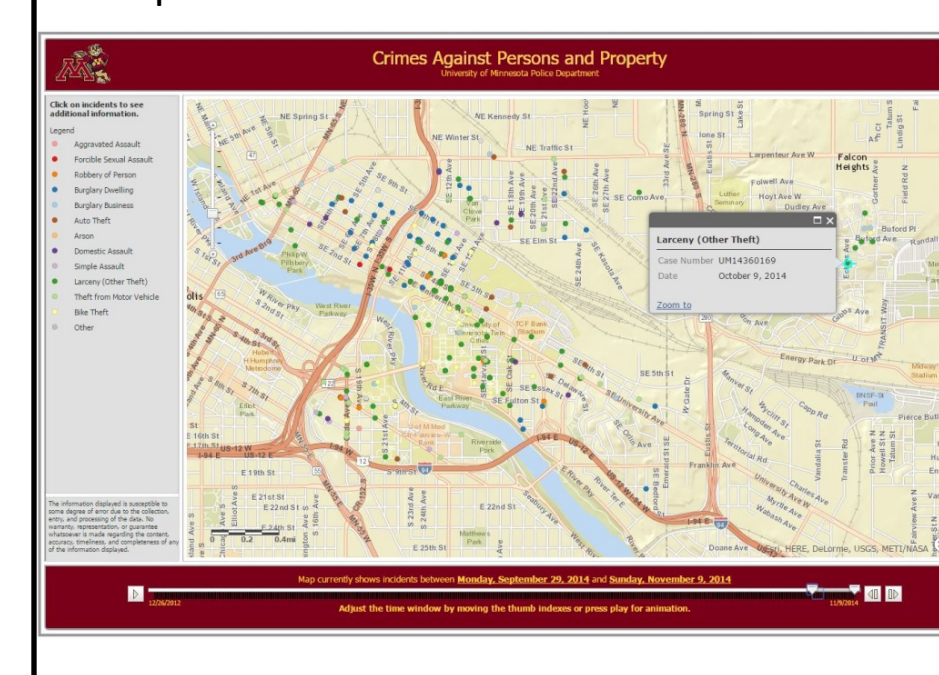
The public can **submit wifi issues** to network engineers using this GIS application.



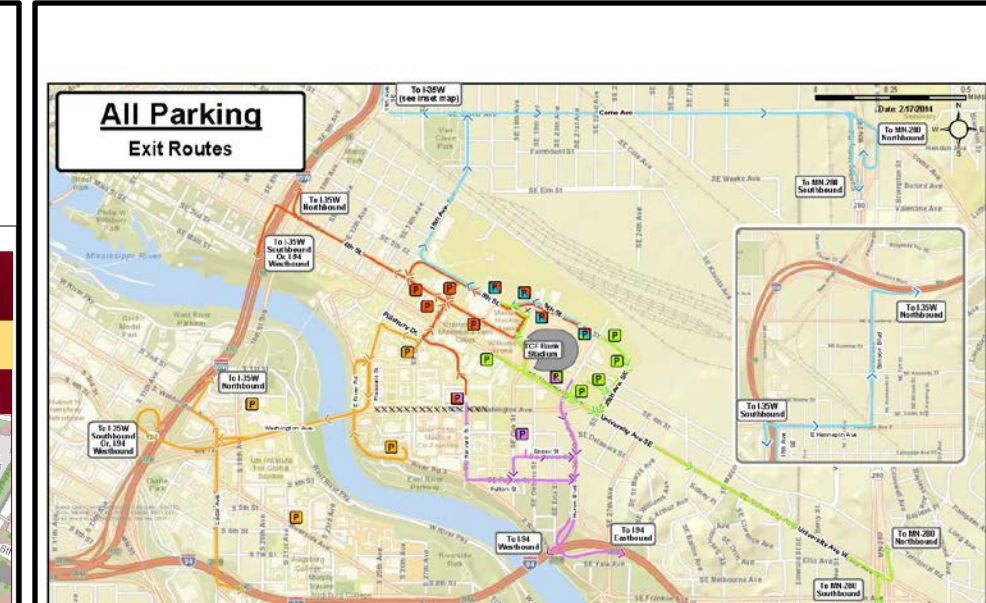
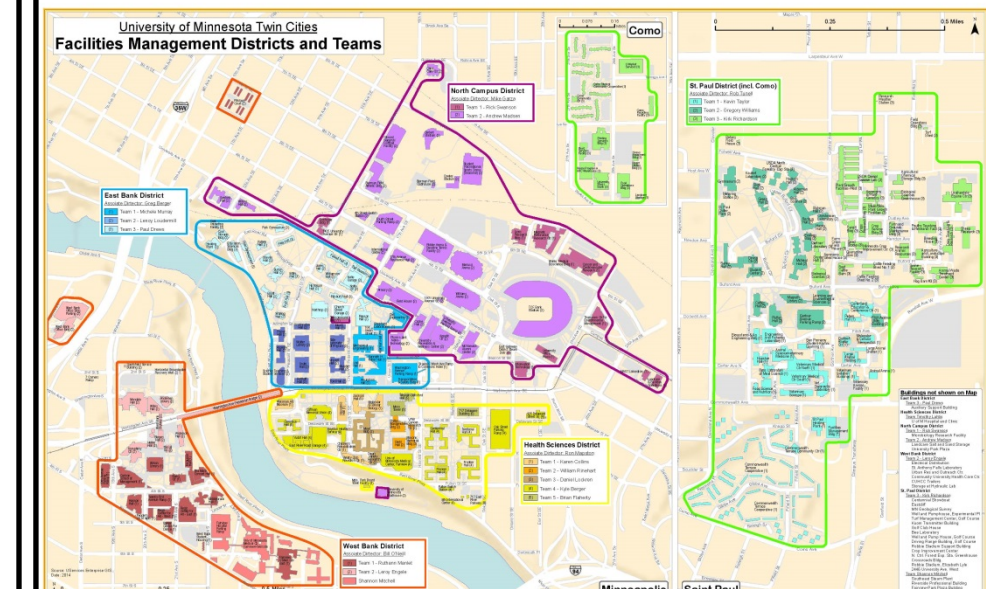
Each University of Minnesota campus has an **interactive campus map** available on its website.



This online map allows the public to view the locations of past **crime** incidents that occurred on or nearby the Twin Cities campus.



The more than 300 buildings on the University's Twin Cities campus are grouped into **facilities management districts** and teams. Maps are an intuitive way to communicate such information.



For game days and other large scale events the University communicates **access and exit routes** to campus visitors using maps created with GIS software.

Living lab locations, **sustainability** sites, and areas eligible for future living lab projects are shown on this web application.

