

Swept Path Analysis Module

Available as an add-on toolset for SITEOPS

SITEOPS® users now have the option of adding a Swept Path Analysis module to realistically simulate vehicle movement, an essential function for determining the feasibility of site design. As this module is fully integrated, it may allow some land development designers to replace their current turn template software while additionally gaining the powerful conceptual site layout tools and optimization which SITEOPS provides.



The module comes preloaded with vehicle templates from AASHTO 2004 (USA), CALTRANS 2008 (USA), ILDOT (USA), TAC (CAN), AUSTRROADS (AU) and NEW ZEALAND 2007 (NZ), and gives you the ability to design custom, shareable vehicle templates.

The output is a DWG that contains the center, wheel paths, vehicle images, and sweep path, all on separate layers, allowing easy importation into CAD programs. SITEOPS outputs are CAD agnostic—these tools are used standalone and are not add-ons to a specific CAD program.

Highlights and benefits:

- Realistically simulate vehicle movements along a path
- Draw multiple vehicle locations and wheel paths
- View the swept path of vehicle movements
- Create customized vehicles and share templates
- Use the pre-populated library of AASHTO, CALTRANS, and other templates
- Accommodate articulated vehicles (e.g, semi-truck, articulated bus)