Roadway & Highway Sign Design

Efficiently plan & design safe roads

TRANSOFT SOLUTIONS

GUIDESIGN

Safety, Compliance and Efficiency

From sign projects for city roads and complete streets improvements, to road dieting and restriping projects for highways and roadways, the GuideSIGN® family of products enables you to plan and design traffic signage and pavement markings accurately.

With this comprehensive tool you'll get consistent results each time, in compliance with standards and local guidelines, with significant time savings for each of your projects.
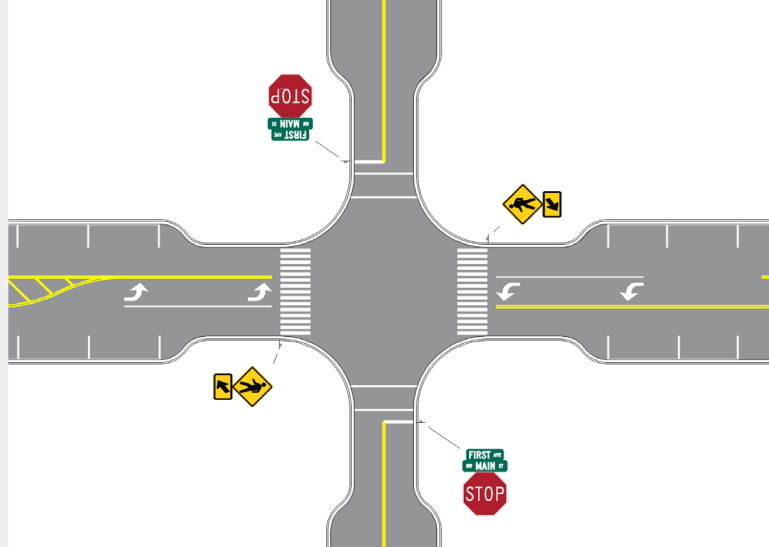
Design signs

Sign creation made easy with built-in rules to design panels to national standards like shields, arrows, text and symbols, with the flexibility to make custom content. Design signs for various needs, such as highways, streets, roundabouts, bicycle lanes, and electric vehicle (EV) infrastructure.

Ensure design compliance from the start

Completely updated to the latest requirements for the US (MUTCD 2023 with all supplements), Canada (TAC-ATC 2021) and Australia (AS 1744-2018).

Visualize the impact in 3D

Bring your design one step further to completion – display your signs and pavement markings in 3D to get a better understanding and a realistic view of the impact on your road and intersection environment.

Boost productivity

Configure sign assemblies from standard or custom sign faces, assign assembly properties. Then place them in a roadway corridor drawing, maintaining pre-set distances and offsets. Custom content can be easily drafted and added to the program, saving you time from having to create your own content.

Place signage and pavement markings

Use signs created from GuideSIGN or from our extensive library, now featuring a growing range of EV signage and other additions to the new MUTCD. Clearly plot, position and visualize your sign plan in 2D or 3D. Create sign groupings, mount signage on a variety of structures, and use the smart placement to automate the process.

Finish off the project with the customizable Annotations and Markers feature to create labels on the sign facing.

Draw a full range of pavement marking objects from rules and manuals, including markings for bicycles to make roads safer for all vulnerable users - for rural and urban areas, easily adjust and match your road geometry. Items such as dotted lines to crosswalks can be created quickly, and can be easily edited by adjusting grip points and changing values to meet any geometry.

Reporting is a breeze

To finish off your design, you can create comprehensive reports outlining all the signage details including schedules or facilitate database schema suitable for importing directly into existing asset management software.

The pavement marking tool automatically calculates and tabulates the quantities of each type of marking on a drawing and even provides an estimate cost, saving you hours over manual calculation methods.

Choose from 3 Modules:

Sign Design, Sign Planning and Pavement Marking, each with its own features that provide a tailored solution enhancing your workflow and taking your productivity further.

GUIDE**SIGN**

Sign Design

Create custom guide, warning or regulatory signs with preset MUTCD standards and templates.

Easily modify the panel, font, symbols, border radius, thickness and more, as needed.

GUIDE**SIGN**
SIGMA

Sign Planning & Pavement Marking

Without the need to create any sign from scratch, plan the signage along highways and roadways by choosing from a comprehensive library of MUTCD standard signs. Additionally, lay out your pavement marking without the hassle of tediously drafting each marking separately and performing a quantity take-off.

GUIDE**SIGN**
PLUS

Sign Design, Sign Planning & Pavement Marking

The best of GuideSIGN & SIGMA combined into one. The traffic control planning solution for sign design, traffic sign and pavement marking planning. Ensuring safety, efficiency, and accuracy for your road and highway designs.
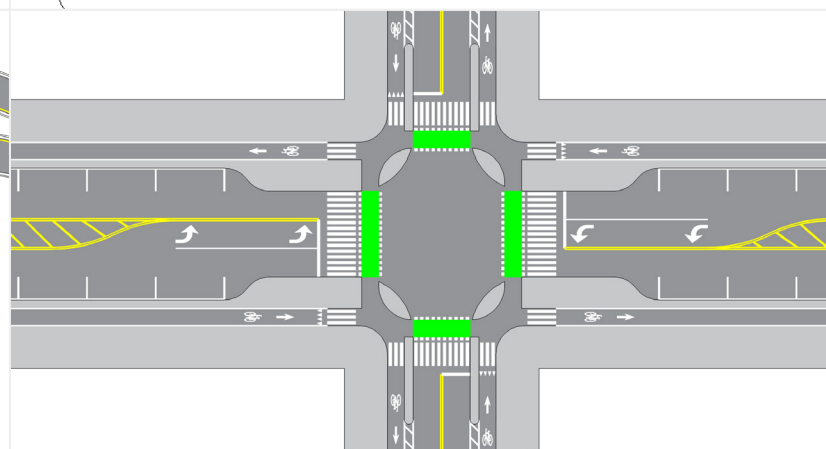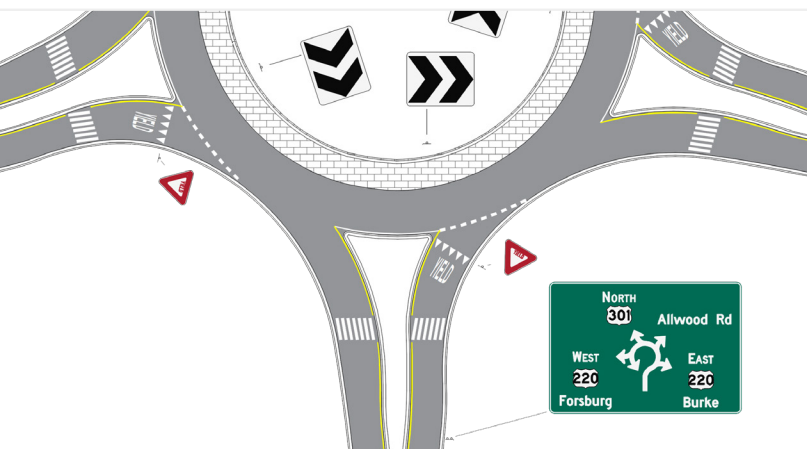
Platform & System Requirements

CAD Platform Compatibility
(64 bit, except Bentley V8i series):

This software is compatible with major CAD platforms, including Autodesk® AutoCAD®, Autodesk® Civil 3D®, Bentley® MicroStation®, Bentley® OpenRoads Designer, Bricsys® BricsCAD® and more.

For details on platform and system requirements, including the list of all supported versions, please visit the product compatibility section using the QR code below.

For illustration purposes only

TRANSOFT
SOLUTIONS

Phone (US & Canada)
1.888.244.8387

Email
sales@transoftsolutions.com

Web
www.transoftsolutions.com

Scan the code to learn more