



GUIDESIGN PLUS™

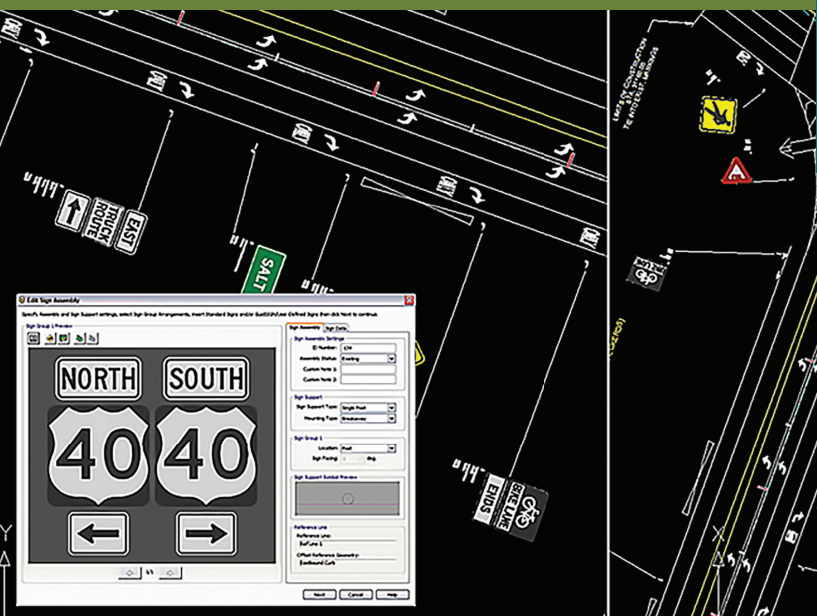
Design signs and layout traffic plans easily and efficiently



GuideSIGN Plus is an end-to-end CAD-based solution for the highway and roadway sign design and traffic sign planning process. The software has easy-to-use tools, extensive content libraries, active design management, and drafting detail capabilities. Plus, users have the ability to lay out intelligent traffic signing plans using sign faces from high-quality standard sign libraries that can then be instantly reported on for quantities, statuses and locations.

Other design tools feature sign design and traffic sign planning processes that can be overly complicated and inflexible. GuideSIGN Plus users gain the advantage of intuitive, intelligent, highly adaptive CAD-based tools for sign design and traffic sign planning. Engineers can freely design signs knowing that guideline conformity is actively managed in real time, and that traffic signs can be accurately placed/located allowing generation of detailed schedules and reports. Users can also use their custom-developed content in the software.

BENEFITS



Sign assembly creation and placement in traffic sign plan.

GuideSIGN Plus, an industry leading cost-effective software, provides a tailored solution for sign design and traffic sign planning needs that will enhance your workflow and take your productivity further with its features. **For sign design**, GuideSIGN Plus includes the latest MUTCD symbols and panels, FHWA highway font libraries, intelligent object dimensioning, and an innovative sign template creation tool for designing traffic and highway signs that are industry standard and ready for production in minutes. **For traffic sign planning**, GuideSIGN Plus allows users to configure sign assemblies from standard or custom sign faces, assign assembly properties, and place them in a roadway corridor drawing maintaining preset distances and offsets, and use flexible reporting to generate schedules or facilitate database schema suitable for importing directly into existing asset management software.

SOLUTIONS

- Design signs and traffic sign plans
- Precise and flexible, intuitive design approach
- Active design conformity management and feedback
- Minimal training necessary
- Tools for drafting details and reporting
- Fabrication ready output

THE COMPLETE CAD-BASED SIGN AND TRAFFIC SIGN PLANNING SOFTWARE FOR SIGN DESIGNERS TO:

Design signs and traffic sign plans

Accomplish even more with one software. Not only does GuideSIGN Plus give users the right tools and content to design even the most complex signs, it also offers a functionality that automates traffic sign plan layout and reporting.

Precise and flexible, intuitive design approach

Make work quick and easy with the intuitive 'drag-and-drop' design approach of GuideSIGN Plus. Snapping options speed up precise object placement in the sign design process, while the three methods for exact sign assembly placement along corridor reference lines ensure that locations can be quickly reported on in planning. Placement settings can always be adjusted when the situation calls for flexibility.

Active design conformity management and feedback

Spend less time worrying about meticulously adhering to guidelines for a given sign design or sign plan. With the 'rules' built into the sign panels, GuideSIGN Plus actively manages design conformity ensuring panel properties, text font and height and all objects are sized and spaced correctly. For traffic sign planning, offset reference geometry can be generated to ensure minimum clearances, and/or horizontal clearance feedback can be set ad hoc to help users visually maintain distances during assembly placement.

Minimal training necessary

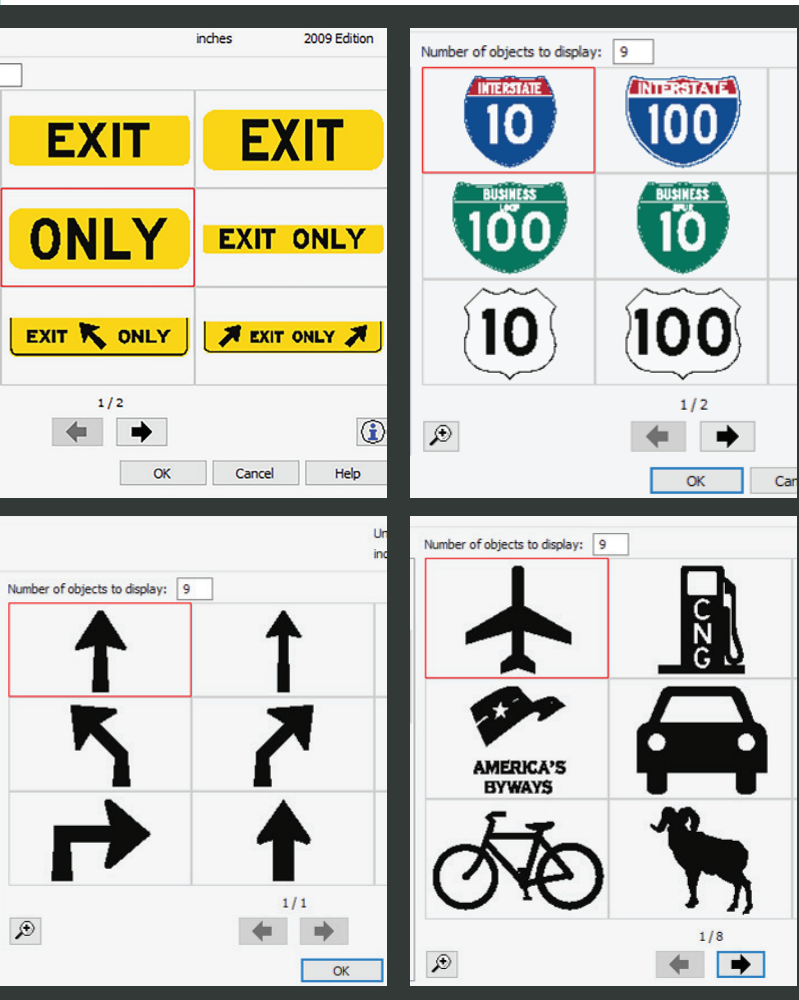
It takes very little time and effort to become savvy and productive with GuideSIGN Plus. With straight forward workflows, easy-to-use tools, and built-in training tutorials, learning a new software has never been easier.

Tools for drafting details and reporting

Put the finishing touches on drawing submissions. GuideSIGN Plus also provides the tools to apply the drafting details to sign designs – automatically generate dimensioning and annotations, place a drawing border, and generate a design report. Also convert from full color to black and white, or outline for final plotting.

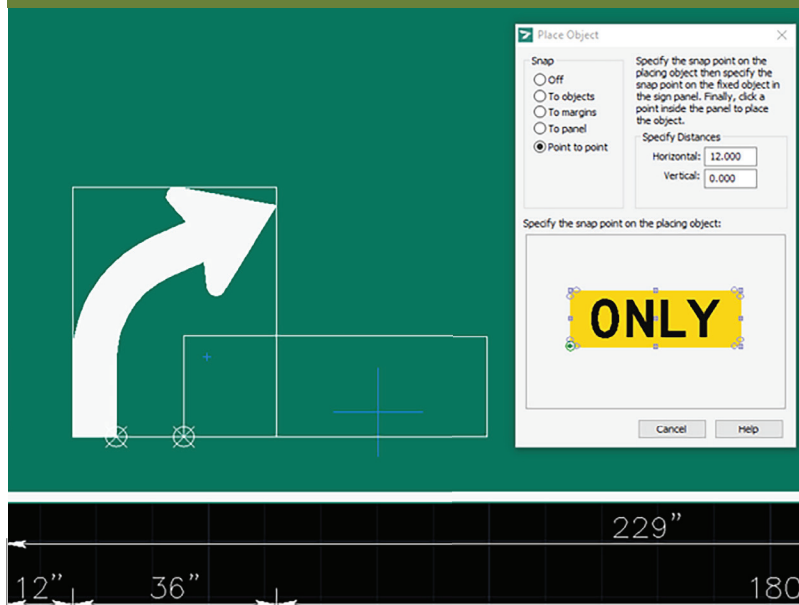
Fabrication ready output

Give sign shops all they need to build the signs correctly. Besides being able to generate production drawings for fabricators to follow, GuideSIGN Plus can also output sign designs in .dxf format which can be imported directly into sign cutting applications.



Clockwise from top left: exit panels, shields, symbols and standard arrows.

FEATURES



Point-to-point place object snap option.

DESIGN TOOLS

Panel Styles – The Easy Way to Maintain Conformity

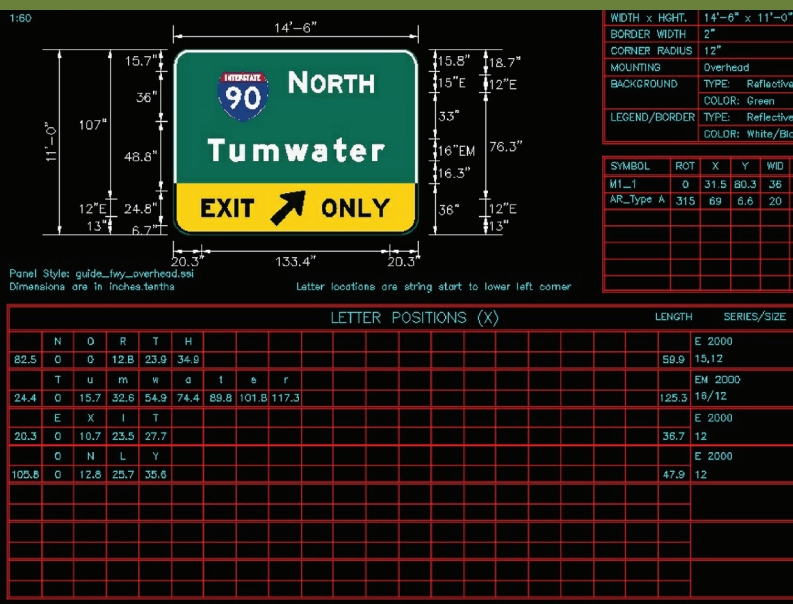
- The library of panel styles is based on the 2009 MUTCD and the 2004 SHSM 2012 supplement.
- They contain rules for the given sign application, i.e. shape, color, panel dimensions, border specifications, margins, text height and font, symbol and arrow dimensions and object-to-object spacing.
- GuideSIGN Plus actively manages these rules as users drag-and-drop objects onto the panel, and optimizes that panel area in the background.

Place/Edit Highway Text – Always Have Full Control

- Users can easily change text height, font and spacing during text placement if the situation dictates.
- Users can also force a text string length to use a specific value by adjusting spacing between letters or word gap.

Object Placement – Precise and Flexible

- Place objects to honor margins and inter-object vertical/horizontal spacing.
- The point-to-point snap option allows for object placement relative to selected object features.
- Users can manually override panel style object-to-object spacing.



Sign design detailed with dimensioning, drawing sheet and report.

Content Libraries – User-Developed Custom Content

- The software comes with libraries containing arrows, shields, symbols, and exit panels, all of which are based on 2009 MUTCD and the 2004 SHSM 2012 supplement.
- Users can also create custom content that can be placed using GuideSIGN Plus.

Sign Templates – Ensure Consistency and Boost Efficiency

With GuideSIGN Plus, users can quickly create a sign by editing the template content and can use the Text Edit and Object Move features to further refine the template-generated sign.

PLANNING TOOLS

Sign Libraries

- Users can use their own standard sign block or cell libraries in GuideSIGN Plus. Libraries contain searchable indexes for all signs including sign name, reference codes, sizing, classifications and descriptions.
- Current sign libraries available in GuideSIGN Plus includes: US Federal MUTCD 2003, California 2010, Colorado Supplement 2006, Florida SHS, Illinois Supplement 2004, New York 2007, North California 2004 and Virginia Supplement.

Arrangements

Choose from a library of pre-set sign group arrangements which users can further edit to adjust relative positions.

Sign Plan Placement

- Place assemblies precisely by datum, alignment stationing or based on relative distance from a mile post marker.
- Flexible sign face placement, orientation, annotation and leadering.
- Color-coded sign and assembly status indication.
- Copy previously placed sign assemblies to a new location along the roadway – copied assemblies are automatically assigned a new unique ID number and can be edited to change status, mounting, sign facings and rotation.

Reporting

Produce sign schedules using GuideSIGN Plus to generate reports on sign code, quantity, location, status and more.

ABOUT TRANSOFT SOLUTIONS

Transoft Solutions, Inc. develops innovative and easy to use software for transportation professionals. Since 1991, civil engineers and technologists, architects, and city planners across federal agencies, State DOTs, airport authorities, cities, ports, and infrastructure consultants have come to rely on Transoft's field-researched design solutions. Transoft engineers work closely with the world's leading agencies including AASHTO, ITE, TRB, TAC, Austroads, and CROW to develop highly specialized applications serving over 30,000 users across 120 countries.

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