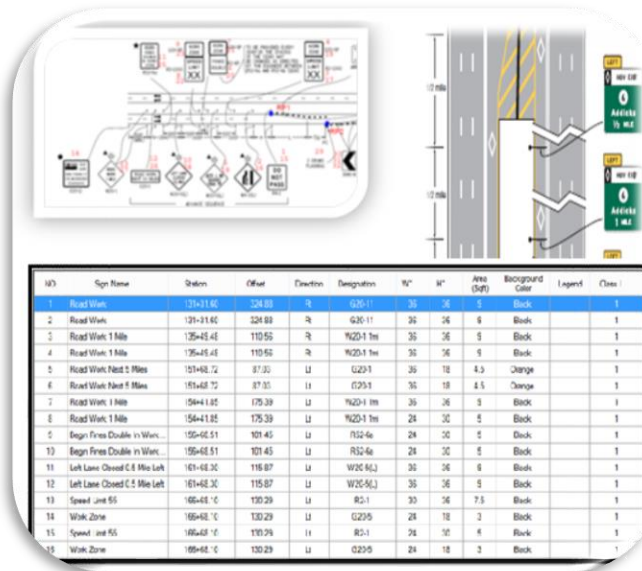Traffic Control Signs Placement (TCSP) can be used not only manage all signs in MUTCD, but also to generate Traffic Control Plans automatically in Microstation. It is created according to different typical applications, either listed in MUTCD or generated by user, while quantity takeoff and cost estimation are also generated automatically. TCSP can also adjust the location and angle of signs and validate locations of signs according to whether they meet the criteria or standards.

No matter the size of the project, all tasks can be completed in a few minutes, improving efficiency significantly.

Additionally, signs in the design are synchronized with the database, and are tracked and updated automatically if/when any signs are revised.

TCSP Software is an effective and sophisticated tool for some of the most tedious and time-consuming temporary traffic control or new signs installation tasks that are being performed regularly by engineering professionals in both public and private sectors.

Main Features

✓ **Plug and Play** – When users install the software, they can use it immediately. CESS LLC provides almost all information including signs, cell libraries, templates, etc.

✓ **Once-For-All** - If additional templates are needed by the user, all data of additional signs, cell libraries, templates, reference books, etc. are registered once and all information is stored in the database. This can then be used for all projects, and without a time restriction.

✓ **Easy Use and Fully Automatic** - User simply needs to select templates, set alignments, and choose a Reference Point; generation of a traffic control plan, validating signs, updating signs, quantity takeoff, cost estimation, etc. are then completed automatically.

✓ **Efficient and Not Time-Consuming** - No matter how large the project, all tasks can be finished in minutes.

✓ **Fully Integrated with CAD Platforms** All operations are in Microstation.

✓ **Accurate** - All signs are placed in the exact location, and precisely angled along the sign path. Quantity takeoff reports summarize into three different categories.

✓ **C/S Architecture** - Client and Server architecture is applied in TCSP, and the application is installed directly onto the client's computer. The database is stored in the CESS server and maintained by CESS LLC.