



Dynamic Message Signs:

GoSigns — Command Every Message on the Road



GoSigns gives traffic operators complete, standards-based control over their dynamic message sign network. Built on the NTCIP 1203 standard, GoSigns posts, activates, blanks, and confirms messages on character-matrix, line-matrix, and full-matrix DMS hardware from a single console — and reads each message back from the sign after every activation to confirm what drivers actually see.

Authoring is fast and safe. Operators compose multi-page messages with control over fonts, colors, flashing, justification, beacons, and embedded graphics, then validate them against the sign's real display size before they go live. Approved-word and blocked-word lists enforce agency messaging policy, while MUTCD-style FHWA templates and a smart fitting engine shape alerts that fit the board the first time.

Every sign carries its own priority-ordered message queue, reusable message libraries tailored to each display type, and sign plans that push coordinated messages to many signs at once. A built-in scheduler activates plans at the right time, and message logs and status records give operators a verifiable history of what was displayed, when, and by whom.

GoSigns also keeps the hardware healthy. It runs pixel, lamp, and fan diagnostics, captures fault conditions from door, power, temperature, and controller errors, manages on-sign fonts and graphics, and provides direct device-level diagnostics — so field issues are caught and corrected from the operations center rather than the roadside.

Dynamic Message Signs Feature Highlights:

- NTCIP 1203
- Message Validation
- Sign Plans

PROTOCOL & DISPLAY

DMS PROTOCOL	NTCIP 1203, SNMP v1/v2c/v3
MATRIX TYPES	Character, line, full matrix

MESSAGE AUTHORIZING

MULTI-PAGE	Page timing, fonts, colors, flash, justify
FHWA TEMPLATES	MUTCD templates, smart message fitting

GOVERNANCE & OPERATIONS

VALIDATION	Display-size & word-policy checks pre-post
WORD POLICY	Approved & blocked word lists, toggleable
SIGN PLANS	Multi-sign plans: active, inactive, scheduled

DIAGNOSTICS & MAINTENANCE

HARDWARE TESTS	Pixel, lamp, fan diagnostics; fault capture
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** Sign capabilities scale to the connected DMS hardware and its supported NTCIP objects.*