

ALABAMA DEPARTMENT OF TRANSPORTATION

General Application Special Provision

DATE: July 2, 2025

GASP No. 22-GA0049

EFFECTIVE DATE: August 1, 2025

SUBJECT: Construction Signs - Roll Up Signs and Temporary Sign Stands

Alabama Standard Specifications, 2022 Edition, SECTION 104 and SECTION 740, shall be amended as follows:

SECTION 104 SCOPE OF WORK

104.04 Maintenance of Traffic and Sequence of Construction.

Article 104.04 shall be replaced by the following:

(b) Signs and Warning Lights.

All signs, barricades, etc. used along the project shall be in accordance with the provisions of Part 6 of the MUTCD, the plan details and the following: Posts shall be appropriately sized for the sign of either timber (treated or painted) of not less than 4 inch by 4 inch {100 mm x 100 mm} (Nom.) cross section or metal (min. 2 lbs. {1 kg} "U" channel or equivalent) so spaced to rigidly support the sign. **When using sign stands for temporary construction signs, the system shall be selected from List IV-3, Work Zone Traffic Control Devices - Sign Stands.**

All signs, barricades, drums or other devices intended for use in controlling traffic shall be in accordance with the requirements of Part 6 of the MUTCD and the detailed plans, with reflectorization as noted therein. Reflectorization shall be accomplished using materials meeting the requirements of Article 880.02.

All barricades, drums, signs and other devices shall be kept clean, legible, and in their proper position at all times. Damaged, defaced or dirty barricades, drums, signs and other devices shall be repaired or replaced immediately. The Engineer will ensure compliance by periodic inspections and require replacements or repair as deemed necessary.

SECTION 740 TRAFFIC CONTROL DEVICES FOR CONSTRUCTION WORK ZONES

740.02 Materials.

Article 740.02 shall be replaced by the following:

(a) Approval of Devices.

All signs, barricades, markers, lights and other devices shall be approved for use in highway construction under the provisions of Section 32-5A-36 of the Alabama Code prior to their installation.

The Department has established List IV-3, Work Zone Traffic Control Devices **and List V-1, Reflective Sheeting for Traffic Control.** Devices shown on **these lists** and devices shown on the plans will be the only devices accepted for use. **These lists** are in the Department's MSDSAR manual

(MATERIAL, SOURCES AND DEVICES WITH SPECIAL ACCEPTANCE REQUIREMENTS). Information concerning these lists are given in Subarticle 106.01(f) and ALDOT-355.

Portable rumble strips shall be selected from the Department's List IV-4, Miscellaneous Traffic Control Devices. The list is in the Department's MSDSAR manual.

(b) Crashworthiness of Devices.

The Contractor shall be responsible for ensuring that all devices that are used for work zone traffic control meet "crashworthy" requirements given in the National Cooperative Highway Research Program (NCHRP) Report 350 or the Manual for Assessing Safety Hardware (MASH) for the appropriate category of device.

(c) Categories of Devices.

1. Category 1 Devices.

Category 1 Work Zone Devices are small, lightweight devices (including cones, plastic drums, flexible delineators, portable rumble strips, etc.) that are known to be crashworthy either by crash testing or by years of demonstrable safe performance.

2. Category 2 Devices.

Category 2 Work Zone Devices are small, lightweight devices (including barricades, sign supports, etc.) that will not produce significant velocity change when struck but may otherwise be potentially hazardous. All Category 2 devices shall be crashworthy as detailed in 740.02(b).

3. Category 3 Devices.

Category 3 Work Zone Devices are truck mounted impact attenuators, work zone impact attenuators, and portable concrete barriers. All impact attenuators shall be crashworthy.

Portable concrete barriers that were fabricated in accordance with the details shown on Sheet 1 of ALDOT Special Drawing PNJB-629 and have "ALDOT 350-TL" cast into the top of the rails are crashworthy and are acceptable for installation.

Other types of portable concrete barrier rails may be used with the written approval of the Construction Engineer.

4. Category 4 Devices.

Category 4 Work Zone Devices are large trailer mounted devices such as sequential arrow boards and changeable message signs. Standards for rating Category 4 devices as "crashworthy" have not been developed.

(d) Materials for Fabrication, Construction, and Installation.

Materials used in the fabrication, construction and installation of the construction signs, barricades and other devices shall conform to the requirements of Article 104.04, plan details, the MUTCD and the details noted in this Section:

Sign panels may be fabricated from one of the types of material shown below:

Material	Min. Panel Thickness	* Sign Face Area
Aluminum Flat Sheets	0.080 inches {2.00 mm}	All sizes
Aluminum Composite	0.080 inches {2.00 mm}	All sizes
**Roll Up Sign	N/A	All sizes

*NOTE: Any sign panel installation using Standard Mounting procedures, which in the opinion of the Engineer does not provide a reasonably rigid sign installation, shall be strengthened by the use of additional supports and/or backing stringers.

**NOTE: The Department has established List V-1, Reflective Sheeting for Traffic Control. Devices shown on this list and devices shown on the plans will be the only devices accepted for use. The list is in the Department's MSDSAR manual.

Sign background and messages shall be formed using materials noted for such in Articles 880.02 and 880.03. To permit visual verification of proper use, each type sheeting shall display an identifiable symbol, on the face of the sheeting, in a repeat pattern.

When no pre-requirements are specified for units, they shall comply with the manufacturer's specifications as approved by the Department under the provisions of Section 32-5-36 of the Alabama Code.

Items are not required to be new. Used items may be acceptable provided the following conditions are met:

- Units are in good repair, clean and structurally sound.
- Reflective sheeting on any unit is clean and in good repair.
- All legends and messages are sharp, clean and legible.
- Reflectivity of said units during the hours of darkness shall provide acceptable, clear and uniform delineation without dead spots.

No test reports are required, but the Engineer shall visually inspect all units and accessories for compliance with the various dimensional and material stipulations noted before approving their use in the work. The approval of any unit for use is subject to satisfactory field performance and does not preclude the Engineer ordering replacements of units; said replacements for these previously approved units shall be without additional compensation.

(e) Pilot Car, Flaggers, Flagging Equipment, and AFAD.

The pilot car, flaggers, flagging equipment, and AFAD shall meet the requirements of the MUTCD. The pilot car shall be a registered motor vehicle designed for use upon a highway. "Off-road" type vehicles will not be allowed.

Automatic Flagger Assistance Devices (AFAD) must be selected from List IV-3 of the Department's MSDSAR.

(f) Temporary Portable Sign Stand

The Department has established List IV-3, Work Zone Traffic Control Devices - Sign Stands. Devices shown on this list and devices shown on the plans will be the only devices accepted for use, except that temporary custom tube steel A-frame sign stands may be used behind temporary or permanent concrete barrier and steel beam guardrail. Temporary custom tube steel A-frame sign stands shall meet the height requirements specified in ALDOT Special Drawing - "Details for Traffic Channelization Devices". List IV-3 is in the Department's MSDSAR manual.