

**STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION
- INTER-DEPARTMENT COMMUNICATION -**

DATE: June 17, 2019

(OFFICE) Traffic Bureau

FROM: Julie Mathews

SUBJECT: Guide Sign Material and Mounting Guidelines

TO: Engineering and Research Sections

Memorandum

This memo is intended to be used as a guideline for **guide sign material** and **mounting** on all projects. The following table will assist in identifying if a sign should be constructed of aluminum sheet (AL) or plank (P) as well as the type of sign support based on the sign dimensions. There are exceptions, but this table shall be followed as often as possible.

		W (in)								
		12	24	36	48	60	72	84	96	
		1	2	3	4	5	6	7	8	
H (in)	12	1	AL	AL	AL	AL	AL	AL	AL	P
	24	2	AL	AL	AL	AL	AL	AL	AL	P
	36	3	AL	AL	AL	AL	AL	AL	AL	P
	48	4	AL	AL	AL	AL	AL	AL	AL	P
	60	5	AL	AL	AL	AL	AL	AL	AL	P
	72	6	AL	AL	AL	AL	AL	P	P	P
	84	7	AL	AL	AL	AL	AL	P	P	P
	96	8	AL	AL	AL	AL	AL	P	P	P

Legend

	- 1 U-Channel
	- 2 U-Channels
	- 1 Tube
	- 2 Tubes
	- Steel
AL	- Aluminum
P	- Plank

Some Exceptions to the above guidelines

- ❑ Logo signs shall be plank and mounted on two tubes.
- ❑ Gore signs, which are 6' x 5', are aluminum sheet and mounted on two tubes with breakaway bases.
- ❑ Guide signs located at the end of ramps (in islands) are on tubes with breakaway bases even if a single tube. For example, a 2' X 4' "South 93 with arrow" should be mounted on a single tube with a breakaway base.

Some additional notes

- ❑ Avoid plank signs on conventional roads whenever possible.
- ❑ Try to avoid guide signs where $H > 4'$ so they can be mounted on U-channel on conventional roads.
- ❑ No splicing of aluminum sheets shall be permissible except under specific circumstances based on H or W. **No splicing of gore signs.**
- ❑ ~~H and W shall be in full foot increments not 6". This may mean increasing the height to next full foot and/or decreasing the width.~~