

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

DATE: March 26, 2020

FROM: William R. Lambert, P.E.
Traffic Engineer/Administrator
Bureau of Traffic

WR Lambert
01 APR 20

SUBJECT: Guide Sign Material and Mounting

TO: Julie L. Mathews, P.E.
Traffic Operations Engineer

Memorandum

This memo is intended to be used 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 is to be followed as often as possible.

		W (in)							
		12	24	36	48	60	72	84	96
H (in)	12	AL	AL	AL	AL	AL	AL	AL	P
	24	AL	AL	AL	AL	AL	AL	AL	P
	36	AL	AL	AL	AL	AL	AL	AL	P
	48	AL	AL	AL	AL	AL	AL	AL	P
	60	AL	AL	AL	AL	AL	AL	AL	P
	72	AL	AL	AL	AL	AL	P	P	P
	84	AL	AL	AL	AL	AL	P	P	P
	96	AL	AL	AL	AL	AL	P	P	P

Legend

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

Exceptions to the above table:

- ❑ 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 along or at the end of ramps 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.

Additional notes:

- ❑ Avoid plank signs on conventional roads whenever possible.
- ❑ Avoid guide signs where $H > 4'$ so they can be mounted on U-channel on conventional roads.
- ❑ No splicing of aluminum sheets.
- ❑ Plank height and width shall be in 6" increments.