

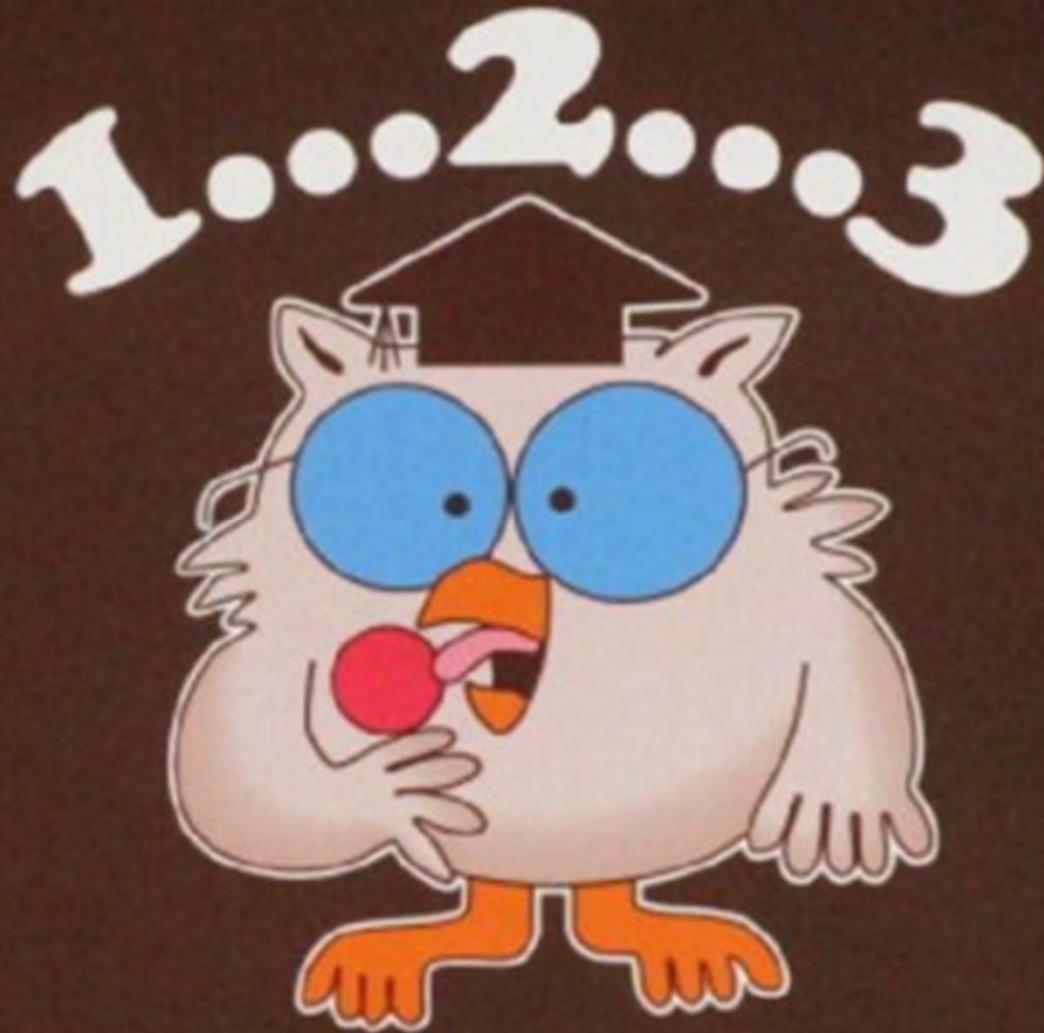


GUARDRAIL 2020

Dawn Bickford
Atlee Mousseau

RATINGS OVERVIEW

- 1 – Fully functional
- 2 – Some deficiencies
- 3 – Nonfunctional



VERTICAL CHALLENGES



A FEW WERE...

A little too low



OR

A little too high



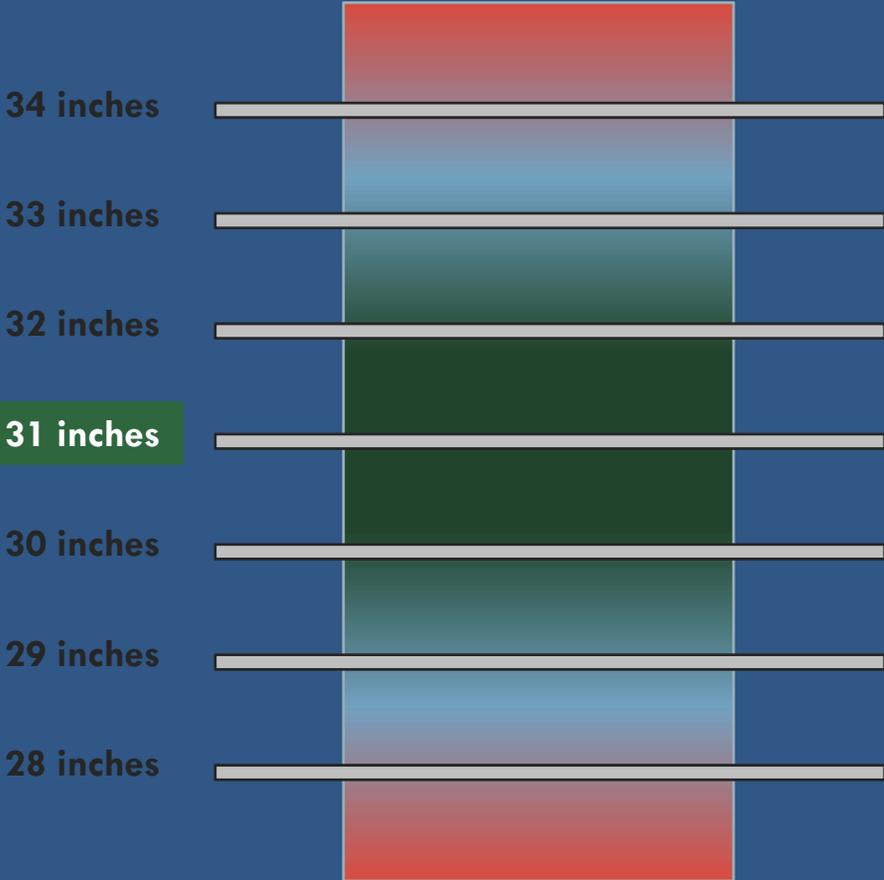
EARS AND THE 4 INCH RULE

The lower portion of the posts, “the ears”, should not protrude more than 4 inches from the ground.



HEIGHT TOLERANCES

31 inches
(+/- 1 in.)



CABLES

Guardrail cables play an important role in how the guardrail performs!



This
or
this



FILL-IN THE HOLES



SLOPING AND GRADING



DISHONORABLE MENTIONS

Post not plumb



Wrong bolt



Rails 1&2 lapped wrong



Curved rail



Rail is bolted at post 3



Missing retainer tie



ANY QUESTIONS?

Contact Us:

- Dawn.Bickford@maine.gov
 - (207) 624-3268
- Ulrich.Amousso-Gueno@maine.gov
 - (207) 624-3277
- Dale.Peabody@maine.gov