

**SENATE**  
**STATE OF MINNESOTA**  
**NINETY-THIRD SESSION**

**S.F. No. 4641**

(SENATE AUTHORS: MATHEWS)

DATE  
03/07/2024

D-PG  
12037

Introduction and first reading  
Referred to Transportation

OFFICIAL STATUS

- 1.1 A bill for an act
- 1.2 relating to transportation; modifying supplemental warning system requirements
- 1.3 on school buses; amending Minnesota Statutes 2022, section 169.4503, subdivision
- 1.4 31.
- 1.5 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF MINNESOTA:
- 1.6 Section 1. Minnesota Statutes 2022, section 169.4503, subdivision 31, is amended to read:
- 1.7 Subd. 31. **Supplemental warning system; temporary authority.** ~~(a) Prior to August~~
- 1.8 ~~1, 2022, the commissioner may approve a Type A, B, C, or D school bus to~~ buses may be
- 1.9 equipped with a supplemental warning system. On and after that date, a school bus may
- 1.10 continue to be equipped with a previously approved supplemental warning system.
- 1.11 ~~(b) To determine approval of a supplemental warning system, the commissioner must~~
- 1.12 ~~consider~~ A supplemental warning system must:
- 1.13 (1) use amber and red signal colors, which are limited to one or more of the colors white,
- 1.14 amber, and red;
- 1.15 (2) flashing patterns use supplemental amber warning lights activated only in conjunction
- 1.16 with activated overhead amber warning lights and supplemental red warning lights activated
- 1.17 only in conjunction with activated overhead red flashing lights;
- 1.18 ~~(3) vehicle mounting and placement;~~
- 1.19 ~~(4) supplemental warning system activation~~ (3) be wired so the supplemental warning
- 1.20 system is automatically activated in conjunction with activation of prewarning flashing
- 1.21 amber signals, stop-signal arm, and flashing red signals;
- 1.22 ~~(5) light intensity~~ (4) be programmed to flash either:

- 2.1 (i) using a randomized flash pattern; or
- 2.2 (ii) alternating with the corresponding overhead light at a rate of 60 to 120 flashes per
- 2.3 minute; and
- 2.4 ~~(6) permissible text, signage, and graphics, if any~~ (5) use lights installed in pairs and
- 2.5 mounted on the same level and placed as wide as practicable on the body above the bumper
- 2.6 level.
- 2.7 ~~(e) The commissioner must review relevant research findings and experience in other~~
- 2.8 ~~jurisdictions, and must consult with interested stakeholders, including but not limited to~~
- 2.9 ~~representatives from school district pupil transportation directors, private school bus~~
- 2.10 ~~operators, and pupil transportation and traffic safety associations.~~