## SUBSTITUTE FOR HOUSE BILL NO. 4054

A bill to amend 1990 PA 187, entitled "The pupil transportation act,"

(MCL 257.1801 to 257.1877) by adding section 12.

## THE PEOPLE OF THE STATE OF MICHIGAN ENACT:

- 1 SEC. 12. (1) IN ADDITION TO ANY OTHER WARNING SIGNALS REQUIRED
- 2 BY THIS ACT, A SCHOOL BUS MAY BE EQUIPPED WITH A FLASHING ADVISORY
- 3 SIGN FOR THE PURPOSE OF WARNING THE OPERATORS OF OTHER VEHICLES OF
- 4 THE PRESENCE OF A TRAFFIC HAZARD REQUIRING THE USE OF UNUSUAL CARE
- 5 IN APPROACHING, OVERTAKING, OR PASSING. A FLASHING ADVISORY SIGN
- 6 DESCRIBED IN THIS SUBSECTION SHALL MEET ALL OF THE FOLLOWING
- 7 REQUIREMENTS:
- 8 (A) THE SIGN SHALL BE MOUNTED ON THE REAR OF THE SCHOOL BUS IN
- 9 AN AREA THAT DOES NOT INTERFERE WITH COMPLIANCE WITH THE
- 10 REQUIREMENTS OF SECTION 19 OR 33.

- 1 (B) THE SIGN SHALL DISPLAY WARNING MESSAGES TO MOTORISTS IN
- 2 ACCORDANCE WITH ALL OF THE FOLLOWING:
- 3 (i) THE SIGN SHALL BE SEALED AND WEATHERTIGHT, AND SHALL BE
- 4 23.5 BY 8.75 BY 1.5 INCHES IN SIZE.
- 5 (ii) THE SIGN SHALL BE CONNECTED TO THE SCHOOL BUS SAFETY
- 6 LIGHTS.
- 7 (iii) THE SIGN SHALL ALTERNATELY FLASH THE WORD MESSAGES
- 8 "CAUTION" AND "STOPPING" WHEN THE AMBER SCHOOL BUS SAFETY LIGHTS
- 9 ARE ACTIVATED. THE LETTERS IN THE WORD MESSAGES DESCRIBED IN THIS
- 10 SUBPARAGRAPH SHALL BE AMBER AND SHALL BE AT LEAST 1.5 INCHES TALL.
- 11 THE WORD MESSAGES DESCRIBED IN THIS SUBPARAGRAPH MAY BE CONTROLLED
- 12 BY THE HAZARD LIGHTS OR SCHOOL BUS SAFETY LIGHT FLASHERS.
- 13 (iv) THE SIGN SHALL FLASH THE WORD MESSAGE "STOP" OR "DO NOT
- 14 PASS" WHEN THE RED SCHOOL BUS SAFETY LIGHTS ARE ACTIVATED. THE
- 15 LETTERS IN THE WORD MESSAGES DESCRIBED IN THIS SUBPARAGRAPH SHALL
- 16 BE RED AND SHALL BE AT LEAST 1.5 INCHES TALL. THE WORD MESSAGES
- 17 DESCRIBED IN THIS SUBPARAGRAPH MAY BE CONTROLLED BY THE HAZARD
- 18 LIGHTS OR SCHOOL BUS SAFETY LIGHT FLASHERS.
- 19 (v) THE SIGN SHALL FLASH THE WORD MESSAGE "CAUTION" OR
- 20 "CAUTION STOPPING" WHEN THE HAZARD LIGHTS ARE ACTIVATED. THE
- 21 LETTERS IN THE WORD MESSAGES DESCRIBED IN THIS SUBPARAGRAPH SHALL
- 22 BE AMBER AND SHALL BE AT LEAST 1.5 INCHES TALL. THE WORD MESSAGES
- 23 DESCRIBED IN THIS SUBPARAGRAPH MAY BE CONTROLLED BY THE HAZARD
- 24 LIGHTS OR SCHOOL BUS SAFETY LIGHT FLASHERS.
- 25 (vi) THE SIGN SHALL FLASH THE WORD MESSAGE "CAUTION" WHEN THE
- 26 BACK-UP LIGHTS ARE ACTIVATED. THE LETTERS IN THE WORD MESSAGE
- 27 DESCRIBED IN THIS SUBPARAGRAPH SHALL BE AMBER AND SHALL BE AT LEAST

- 1 1.5 INCHES TALL. THE WORD MESSAGES DESCRIBED IN THIS SUBPARAGRAPH
- 2 MAY BE CONTROLLED BY THE HAZARD LIGHTS OR SCHOOL BUS SAFETY LIGHT
- 3 FLASHERS.
- 4 (vii) THE SIGN SHALL HAVE A MINIMUM VIEWING ANGLE OF 15
- 5 DEGREES ON EACH SIDE OF THE PERPENDICULAR AXIS.
- 6 (viii) THE WORD MESSAGES DESCRIBED IN SUBPARAGRAPHS (iii) TO
- 7 (vi) SHALL BE CLEARLY VISIBLE IN DIRECT SUNLIGHT FROM A DISTANCE OF
- 8 500 FEET ALONG THE AXIS OF THE SCHOOL BUS.
- 9 (ix) REGARDLESS OF THE TYPE OF LIGHTING USED FOR ILLUMINATION,
- 10 EACH WARNING MESSAGE DISPLAYED BY THE SIGN SHALL INCLUDE A COMPLETE
- 11 LIGHT QUALITY ARRANGEMENT TO FULLY AND CLEARLY CONVEY THE INTENDED
- 12 WARNING MESSAGE TO APPROACHING MOTORISTS.
- 13 (2) AN ELECTRONIC SIGN THAT DISPLAYS WARNING MESSAGES TO
- 14 MOTORISTS MAY BE PLACED ON THE FRONT OF A SCHOOL BUS IF ALL OF THE
- 15 FOLLOWING ARE SATISFIED:
- 16 (A) A FLASHING ADVISORY SIGN HAS BEEN MOUNTED ON THE REAR OF
- 17 THE SCHOOL BUS AS PROVIDED IN SUBSECTION (1) (A).
- 18 (B) THE SIGN IS WIRED ONLY TO THE AMBER AND RED SCHOOL BUS
- 19 SAFETY LIGHTS.
- 20 (C) THE SIGN IS MOUNTED BELOW THE WINDSHIELD, VERTICALLY
- 21 CENTERED, AND DOES NOT CREATE A VISION OBSTRUCTION FOR THE DRIVER
- 22 OF THE SCHOOL BUS.
- 23 (3) A SIGN DESCRIBED IN SUBSECTIONS (1) AND (2) SHALL COMPLY
- 24 WITH ALL OF THE FOLLOWING:
- 25 (A) THE SIGN SHALL BE UNIFORM IN DESIGN AND IN OPERATION, AND
- 26 EACH SIGN PLACED ON A SCHOOL BUS AS PROVIDED IN THIS SECTION SHALL
- 27 DISPLAY THE SAME ADVISORY WARNINGS.

- (B) THE SIGN SHALL AUTOMATICALLY ENERGIZE WHEN THE SCHOOL 1
- 2 BUS'S HAZARD LIGHTS ARE ACTIVATED, SHALL COMPLY WITH SECTION 19(3),
- AND SHALL AUTOMATICALLY DE-ENERGIZE WHEN THE SCHOOL BUS SERVICE 3
- DOOR IS CLOSED.
- 5 (C) THE SIGN SHALL BE PROPERLY MAINTAINED AND OPERATED AS
- DESIGNED BY THE MANUFACTURER.
- 7 (4) THIS SECTION MAY BE REFERRED TO AS THE "PRIVACKY LAW".