

# HOUSE BILL No. 4013

January 11, 1989, Introduced by Reps. Van Regenmorter, Hertel, Dunaskiss, Kosteva, Randall, Brown, Gnodtke, Hoekman, Gubow, Honigman, Niederstadt, DeBeaussaert, Munsell and Martin and referred to the Committee on Transportation.

A bill to prohibit the use of salt on the roads and highways of this state under certain circumstances; to enhance the environmental quality of this state and the safety of the roads and highways of this state; to require studies of the environmental impact of salt and certain replacements for salt; to reduce the deterioration of roads, highways, and bridges of this state and the vehicles operating on, and structures located near, the roads, highways, and bridges of this state; to prescribe the powers and duties of certain state departments and agencies; and to create a temporary commission and prescribe its powers and duties.

## THE PEOPLE OF THE STATE OF MICHIGAN ENACT:

1       Sec. 1. This act shall be known and may be cited as the  
2 "environmental road safety act".

1       Sec. 2. (1) As used in this act, "salt" means any of the  
2 following:

- 3       (a) Sodium chloride.
- 4       (b) Calcium chloride.
- 5       (c) Potassium chloride.
- 6       (d) Magnesium chloride.
- 7       (e) Sodium sulphate.
- 8       (f) Calcium sulphate.
- 9       (g) Potassium sulphate.
- 10      (h) Magnesium sulphate.

11      (2) Beginning August 1, 1991, salt shall not be used for the  
12 removal of snow and ice from the roads and highways of this state  
13 if a replacement would provide safety and long-term cost effec-  
14 tiveness as determined by the studies conducted in section 3.

15      Sec. 3. (1) Calcium magnesium acetate (CMA), other less  
16 environmentally damaging or less corrosive materials, or combina-  
17 tions of those materials, referred to in this act as replace-  
18 ments, shall be considered in the studies required under subsec-  
19 tion (2) as supersedents for the use of salt. The following  
20 studies shall be made within the times prescribed by subsection  
21 (2) with respect to the use of replacements versus salt:

22      (a) The toxic substance control commission, in conjunction  
23 with the department of natural resources, shall conduct a study  
24 of the short- and long-term environmental impact of implementing  
25 the use of replacements versus the continued use of salt on the  
26 roads and highways of this state. In the study, the commission  
27 shall also consider any environmental impact, such as groundwater

1 contamination, associated with the storage of salt versus the  
2 storage of replacements for salt.

3 (b) The department of commerce shall conduct a study of the  
4 potential for production of replacements by Michigan businesses  
5 and whether economic incentives to encourage production are nec-  
6 essary and desirable.

7 (c) The state transportation department shall conduct a  
8 study of the safety and effectiveness of replacements on the  
9 roads and highways of this state. In the study, the state trans-  
10 portation department shall also consider the effect of salt and  
11 replacements with respect to corrosion or deterioration of the  
12 roads, highways, and bridges of this state, and the vehicles  
13 operating on, and structures located near, those roads, highways,  
14 and bridges.

15 (d) The department of management and budget shall conduct a  
16 study of the long-term cost effectiveness of using replacements  
17 instead of salt on the roads and highways of this state. The  
18 department shall estimate the total cost or savings over a period  
19 of 10 years of the environmental impact, corrosion, and economic  
20 potential reflected by the studies conducted pursuant to subdivi-  
21 sions (a) to (c). These estimated costs or savings shall be  
22 incorporated into an annual cost per Michigan registered vehicle  
23 comparing salt and replacements. In the study, the department  
24 shall also consider the financial impact on, and investigate and  
25 recommend ways to avert the impact of expenses on, local units of  
26 government for using replacements for salt.

1       (2) The studies required under subsection (1)(a), (b), and  
2 (c) shall be completed, with copies to the department of  
3 management and budget and the commission for environmental road  
4 safety, by May 1, 1990. The study required under subsection  
5 (1)(d) shall be completed, with a copy to the commission for  
6 environmental road safety, by September 30, 1990.

7       Sec. 4. (1) The commission for environmental road safety  
8 shall be created not later than May 1, 1990 for the specific pur-  
9 pose of evaluating the studies submitted to it pursuant to  
10 section 3 and to make recommendations in the form of a report to  
11 the legislature based on those studies relative to the use of  
12 replacements for salt on the roads and highways of this state.  
13 The commission shall complete its evaluation and make its report  
14 to the legislature by January 1, 1991.

15       (2) The commission shall consist of 7 members appointed by  
16 the governor within 90 days after the effective date of this act  
17 with the advice and consent of the senate for terms of 2 years  
18 from the following areas:

- 19       (a) One member shall represent local units of government.
- 20       (b) One member shall be an economist.
- 21       (c) One member shall represent environmental interests.
- 22       (d) One member shall represent business.
- 23       (e) One member shall be a highway engineer.
- 24       (f) One member shall represent public health interests.
- 25       (g) One member shall represent the general public.