

**1999 DRAFTING REQUEST**

**Bill**

Received: 12/9/98

Received By: nilsepe

Wanted: As time permits

Identical to LRB:

For: Thomas Ourada (608) 266-7694

By/Representing:

This file may be shown to any legislator: NO

Drafter: nilsepe

May Contact:

Alt. Drafters:

Subject: **Transportation - motor vehicles**

Extra Copies: **TNF**

**Topic:**

Septic tank pump trucks exempt from weight limits

**Instructions:**

See Attached

**Drafting History:**

<u>Vers.</u>	<u>Drafted</u>	<u>Reviewed</u>	<u>Typed</u>	<u>Proofed</u>	<u>Submitted</u>	<u>Jacketed</u>	<u>Required</u>
/?	nilsepe 12/9/98	ptellez 12/10/98		_____			S&L Vehicle
/1	nilsepe 01/12/99	ptellez 01/13/99	hhagen 12/11/98	_____	lrb_docadmin 12/11/98	lrb_docadminS&L 12/21/98	Vehicle
/2	nilsepe 01/15/99	ygeller 01/15/99	lpaasch 01/14/99	_____	lrb_docadmin 01/14/99	lrb_docadminS&L 01/14/99	Vehicle
/3			ismith 01/15/99	_____	lrb_docadmin 01/15/99	lrb_docadmin 01/15/99 lrb_docadmin 02/2/99	

FE Sent For: .

G 03-10-99

Re-Jacketed for Senate

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/2		13 1/5 JLG	lpaasch 01/14/99	_____	lrb_docadmin 01/14/99	lrb_docadmin 01/14/99	

FE Sent For: .

IS  
1/5/99

IS/HP  
1/5/99

Jacket / 3  
-PEW

<END>

**SUBMITTAL  
FORM**

**LEGISLATIVE REFERENCE BUREAU  
Legal Section Telephone: 266-3561  
5th Floor, 100 N. Hamilton Street**

The attached draft is submitted for your inspection. Please check each part carefully, proofread each word, and sign on the appropriate line(s) below.

**Date:** 12/11/98

**To:** Representative Ourada

**Relating to LRB drafting number:** LRB-1194

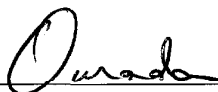
**Topic**

Septic tank pump trucks exempt from weight limits

**Subject(s)**

Transportation - motor vehicles

1. **JACKET** the draft for introduction \_\_\_\_\_



in the **Senate** \_\_\_\_ or the **Assembly** \_\_\_\_ (check only one). Only the requester under whose name the drafting request is entered in the LRB's drafting records may authorize the draft to be submitted. Please allow one day for the preparation of the required copies.

2. **REDRAFT.** See the changes indicated or attached \_\_\_\_\_

A revised draft will be submitted for your approval with changes incorporated.

3. Obtain **FISCAL ESTIMATE NOW**, prior to introduction \_\_\_\_\_

If the analysis indicates that a fiscal estimate is required because the proposal makes an appropriation or increases or decreases existing appropriations or state or general local government fiscal liability or revenues, you have the option to request the fiscal estimate prior to introduction. If you choose to introduce the proposal without the fiscal estimate, the fiscal estimate will be requested automatically upon introduction. It takes about 10 days to obtain a fiscal estimate. Requesting the fiscal estimate prior to introduction retains your flexibility for possible redrafting of the proposal.

If you have any questions regarding the above procedures, please call 266-3561. If you have any questions relating to the attached draft, please feel free to call me.

Paul E. Nilsen, Legislative Attorney  
Telephone: (608) 261-6926

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By/Representing:

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May Contact:

Alt. Drafters:

Subject: **Transportation - motor vehicles**

Extra Copies: **TNF**

**Topic:**

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**Instructions:**

See Attached

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<END>

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/1		1/2 pt 4/13/99 12 jg 1/13	hhagen 12/11/98	_____	lrb_docadmin 12/11/98	lrb_docadmin 12/21/98	

FE Sent For: *12/22/98*

*LP1-14*  
*LP 1-14*  
*<END>*

**1999 DRAFTING REQUEST**

**Bill**

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Received By: **nilsepe**

Wanted: **As time permits**

Identical to LRB:

For: **Thomas Ourada (608) 266-7694**

By/Representing:

This file may be shown to any legislator: **NO**

Drafter: **nilsepe**

May Contact:

Alt. Drafters:

Subject: **Transportation - motor vehicles**

Extra Copies: **TNF**

**Topic:**

Septic tank pump trucks exempt from weight limits

**Instructions:**

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/?	nilsepe 12/9/98	ptellez 12/10/98		_____			S&L Vehicle
/1			hhagen 12/11/98	_____	lrb_docadmin 12/11/98		

FE Sent For:

<END>

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Wanted: As time permits

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For: Thomas Ourada (608) 266-7694

By/Representing:

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Drafter: nilsepe

May Contact:

Alt. Drafters:

Subject: **Transportation - motor vehicles**

Extra Copies: **TNF**

**Topic:**

Septic tank pump trucks exempt from weight limits

**Instructions:**

See Attached

**Drafting History:**

<u>Vers.</u>	<u>Drafted</u>	<u>Reviewed</u>	<u>Typed</u>	<u>Proofed</u>	<u>Submitted</u>	<u>Jacketed</u>	<u>Required</u>
1?	nilsepe	1 Post 12/10/98					
		1 12/10 JLG #12/11					


FE Sent For:

<END>





**Thomas D. Ourada**  
Wisconsin State Representative  
35th Assembly District

- In response to your request.
- I thought you might be interested in the enclosed material.

*Paul -*

*Call if you  
have questions.*

*Thomas*

P.O. Box 8953 • Madison, Wisconsin 53708-8953  
(608) 266-7694 • Fax: (608) 266-7038  
Toll-Free Legislative Hotline: 1 (800) 362-9472

**LEGISLATIVE REFERENCE BUREAU****BILL REQUEST FORM**

Legal Section, 5<sup>th</sup> Floor, 100 N. Hamilton St.  
 (608) 266-3561

- 1194

Use of this form is optional. It is often helpful to talk directly with the LRB attorney who will draft the bill.  
 Use this form only for **BILL** drafts. Attach more pages if necessary.

Date of request: <i>12-9-98</i>	Legislator or agency requesting this draft: <i>OURADA</i>
Name/phone number of person submitting request: <i>LONNI Sawija 266-7695</i>	
Persons to contact for questions about this draft (names and phone numbers please): <i>LONNI</i>	
Describe the problem, including any helpful examples. How do you want to solve the problem? <i>Please redraft this sub amend from last session as a new bill with changes as noted.</i>	
If you know of any statute sections that might be affected, please list them or provide a marked (not re-typed) copy.	

Please attach a copy of any correspondence or material that may help us. You may also attach a marked (not re-typed) copy of any LRB draft, or provide its number (e.g., 1997 LRB-2345/1 or 1995 AB-67):

**Requests are confidential unless stated otherwise.**

May we tell others that we are working on this for you?  YES  NO

If yes, anyone who asks?  YES  NO

Any legislator?  YES  NO  ONLY the following persons:

Do you consider this urgent?  YES  NO If yes, please indicate why:

Is this request of higher priority than other pending request(s) you have made?

YES  NO If yes, please sign your name here:



State of Wisconsin  
1997 - 1998 LEGISLATURE

LRBs0342/1  
PEN:kmg:km

*Paul Milson  
1-6-98*

ASSEMBLY SUBSTITUTE AMENDMENT 1,  
TO 1997 ASSEMBLY BILL 592

December 4, 1997 - Offered by Representative OURADA.

1 AN ACT to create 348.17 (5) of the statutes; relating to: exempting certain  
2 vehicles from special or seasonal weight limitations.

*The people of the state of Wisconsin, represented in senate and assembly, do enact as follows:*

3 SECTION 1. 348.17 (5) of the statutes is created to read:

4 348.17 (5) The following vehicles are exempt from special or seasonal weight  
5 limitations imposed under s. 349.16 (1) (a):

6 ~~(a) A vehicle moving only household furniture, appliances and other personal~~  
7 ~~effects to or from a residence. A vehicle moving household furniture, appliances or~~  
8 ~~other items by or under the direction of a retailer of these items is not exempt under~~  
9 ~~this paragraph.~~

10 (b) A vehicle transporting material pumped from a septic or holding tank if,  
11 because of health concerns, the material needed to be removed from the septic or  
12 holding tank within 24 hours after the vehicle owner or operator is notified. Within

1       7 days after operating a vehicle that exceeded a special or seasonal weight limitation  
2       but that was exempted under this paragraph, the owner or operator of the vehicle  
3       shall notify the authority in charge of the maintenance of the highway over which  
4       the vehicle was operated.

5

(END)



State of Wisconsin  
1999 - 2000 LEGISLATURE

LRB-11947  
PEN. REG. I...

*Handwritten initials and a circled number 1*

1999 BILL

~~PRELIMINARY DRAFT - NOT READY FOR INTRODUCTION~~

*D-note*

*gen cat*

1

AN ACT relating to:

*exempting certain vehicles transporting material pumped from a septic or holding tank from special or seasonal weight limitations imposed by local highway authorities.*

**Analysis by the Legislative Reference Bureau**

Under current law, local highway authorities may impose special or seasonal weight limitations on highways which, because of deterioration or climatic conditions, would likely be seriously damaged or destroyed if such limitations were not imposed. For vehicles carrying certain commodities or being used to perform certain services, including services related to pumping waste from septic or holding tanks, local highway authorities may set different weight limitations or exempt such vehicles from the special or seasonal weight limitations if an exemption or limitation is in the interest of public health, safety and welfare.

This bill provides that any special or seasonal weight limitations imposed by a highway authority do not apply to vehicles being used to transport material pumped from a septic or holding tank if, because of health concerns, the material needed to be removed from the septic or holding tank within 24 hours after the vehicle owner or operator is notified. The bill requires the vehicle owner or operator to notify local highway authorities within <sup>seven</sup> days after operating such a vehicle in excess of the special or seasonal weight limitations.

Because this bill concerns an exception to the vehicle weight limits specified in ch. 348, stats., the department of transportation, as required by law, will prepare a report to be printed as an appendix to this bill.

For further information see the *state and local* fiscal estimate, which will be printed as an appendix to this bill.

delete  
EXTRA  
SPACE

*The people of the state of Wisconsin, represented in senate and assembly, do enact as follows:*

SECTION 1. 349.16 (3) of the statutes is amended to read:

349.16 (3) The authority in charge of the maintenance of the highway may exempt vehicles carrying certain commodities specified by the authority or which are used to perform certain services specified by the authority, including but not limited to pumping septic or holding tanks, from the special weight limitations which are imposed under sub. (1) (a), or may set different weight limitations than those imposed under sub. (1) (a) for vehicles carrying those commodities or which are used to perform those services, if such exemption or limitation is reasonable and necessary to promote the public health, safety and welfare. The authority in charge of the maintenance of the highway shall exempt from the special or seasonal weight limitations imposed under sub. (1) (a) any vehicle that is transporting material pumped from a septic or holding tank if, because of health concerns, the material needed to be removed from the septic or holding tank within 24 hours after the vehicle owner or operator is notified. Within 7 days after operating a vehicle that transported material pumped from a septic or holding tank and that exceeded special or seasonal weight limitations as authorized by this subsection, the owner or operator of the vehicle shall notify the authority in charge of maintenance of the highways over which the vehicle was operated.

Fix  
component  
19

History: 1975 c. 141; 1977 c. 29 s. 1654 (b) (a); 1977 c. 435; 1983 a. 307.

Initial applicability. (B)  
SECTION 2. Nonstatutory provisions



**DRAFTER'S NOTE  
FROM THE  
LEGISLATIVE REFERENCE BUREAU**

LRB-1194/2<sup>an</sup>  
PEN. ~~pgt...~~

December 2, 1998 [WPS:  
change  
DATE]

JLG  
1/16

**Representative Ourada:**

This draft applies to any material pumped from any holding tank (milk, gasoline, etc.) as long as immediate pumping is required for health reasons. Also, the exemption applies to any motor carrier, even if <sup>info.</sup> vehicles were available to divide the overweight load.

Paul E. Nilsen  
Legislative Attorney  
261-6926



**DRAFTER'S NOTE  
FROM THE  
LEGISLATIVE REFERENCE BUREAU**

LRB-1194/1dn  
PEN:pgt&jlg:hmh

Friday, December 11, 1998

**Representative Ourada:**

This draft applies to any material pumped from any holding tank (milk, gasoline, etc.) as long as immediate pumping is required for health reasons. Also, the exemption applies to any motor carrier, even if two vehicles were available to divide the overweight load.

Paul E. Nilsen  
Legislative Attorney  
261-6926



State of Wisconsin  
1999 - 2000 LEGISLATURE

LRB-1194/1  
PEN:pgt&jlg:hmb  
rt

1999 BILL

gen. cat.

1 **AN ACT to amend** 349.16 (3) of the statutes; **relating to:** exempting certain  
2 vehicles transporting material pumped from a septic or holding tank from  
3 special or seasonal weight limitations imposed by local highway authorities.

***Analysis by the Legislative Reference Bureau***

Under current law, local highway authorities may impose special or seasonal weight limitations on highways which, because of deterioration or climatic conditions, would likely be seriously damaged or destroyed if such limitations were not imposed. For vehicles carrying certain commodities or being used to perform certain services, including services related to pumping waste from septic or holding tanks, local highway authorities may set different weight limitations or exempt such vehicles from the special or seasonal weight limitations if an exemption or limitation is in the interest of public health, safety and welfare.

This bill provides that any special or seasonal weight limitations imposed by a highway authority do not apply to vehicles being used to transport material pumped from a septic or holding tank if, because of health concerns, the material needed to be removed from the septic or holding tank within 24 hours after the vehicle owner or operator is notified. The bill requires the vehicle owner or operator to notify local highway authorities within seven days after operating such a vehicle in excess of the special or seasonal weight limitations.

Because this bill concerns an exception to the vehicle weight limits specified in ch. 348, stats., the department of transportation, as required by law, will prepare a report to be printed as an appendix to this bill.

**BILL**

For further information see the *state and local* fiscal estimate, which will be printed as an appendix to this bill.

*The people of the state of Wisconsin, represented in senate and assembly, do enact as follows:*

1           **SECTION 1.** 349.16 (3) of the statutes is amended to read:

2           349.16 (3) The authority in charge of the maintenance of the highway may  
3 exempt vehicles carrying certain commodities specified by the authority or which are  
4 used to perform certain services specified by the authority, ~~including but not limited~~  
5 ~~to pumping septic or holding tanks~~, from the special weight limitations which are  
6 imposed under sub. (1) (a), or may set different weight limitations than those  
7 imposed under sub. (1) (a) for vehicles carrying those commodities or which are used  
8 to perform those services, if such exemption or limitation is reasonable and necessary  
9 to promote the public health, safety and welfare. The authority in charge of the  
10 maintenance of the highway shall exempt from the special or seasonal weight  
11 limitations imposed under sub. (1) (a) any vehicle that is transporting material  
12 pumped from a septic or holding tank if, because of health concerns, the material  
13 needed to be removed from the septic or holding tank within 24 hours after the  
14 vehicle owner or operator is notified. Within ~~72 hours~~ after operating a vehicle that  
15 transported material pumped from a septic or holding tank and that exceeded special  
16 or seasonal weight limitations as authorized by this subsection, the owner or  
17 operator of the vehicle shall notify the authority in charge of maintenance of the  
18 highways over which the vehicle was operated.

19           **SECTION 2. Initial applicability.**

and if the vehicle is travelling  
on the most direct route  
between the septic or holding tank  
and the location where the vehicle's contents  
are to be unloaded

72 hours ✓



-1194/2dn  
pen: pat:  
jlg

Representative Ourada:

¶ This draft makes changes recommended by Mr. Tony Stutz, representing the liquid waste carriers.

¶ The draft requires overweight vehicles to travel on the most direct route between the septic or holding tank and the place where the vehicle is emptied.

¶ The draft ~~now~~ requires the driver to notify authorities of the vehicle's route within 72 hours after operation, instead of within seven days.

¶ Although the term "holding tank" is not defined, it appears that ~~the~~ both the statutes and the administrative code limit "holding tank" to tanks containing sewage; and that this draft will not apply to exempt vehicles transporting other liquids, gas ~~in waste~~ I suggested in an earlier ~~draft~~ note. drafters -PEN

**DRAFTER'S NOTE  
FROM THE  
LEGISLATIVE REFERENCE BUREAU**

LRB-1194/2dn  
PEN:pgt&jlg:lp

January 14, 1999

Representative Ourada:

This draft makes changes recommended by Mr. Tony Stutt, representing the liquid waste carriers.

The draft requires overweight vehicles to travel on the most direct route between the septic or holding tank and the place where the vehicle is emptied.

The draft requires the driver to notify authorities of the vehicle's route within 72 hours after operation, instead of within seven days.

Although the term "holding tank" is not defined, it appears that both the statutes and the administrative code limit "holding tank" to tanks containing sewage, and that this draft will not apply to exempt vehicles transporting other liquids, as I suggested in an earlier drafter's note.

Paul E. Nilsen  
Legislative Attorney  
261-6926



State of Wisconsin  
1999 - 2000 LEGISLATURE

LRB-1194/4  
PEN:pgt&jlg:lp

Today 1/15/99

3

1999 ASSEMBLY BILL

Regen

- 1 AN ACT to amend 349.16 (3) of the statutes; relating to: exempting certain
- 2 vehicles transporting material pumped from a septic or holding tank from
- 3 special or seasonal weight limitations imposed by local highway authorities.

**Analysis by the Legislative Reference Bureau**

Under current law, local highway authorities may impose special or seasonal weight limitations on highways which, because of deterioration or climatic conditions, would likely be seriously damaged or destroyed if such limitations were not imposed. For vehicles carrying certain commodities or being used to perform certain services, including services related to pumping waste from septic or holding tanks, local highway authorities may set different weight limitations or exempt such vehicles from the special or seasonal weight limitations if an exemption or limitation is in the interest of public health, safety and welfare.

This bill provides that any special or seasonal weight limitations imposed by a highway authority do not apply to ~~vehicles~~ <sup>any vehicle</sup> used to transport material pumped from a septic or holding tank if, because of health concerns, the material needed to be removed from the septic or holding tank within 24 hours after the vehicle owner or operator is notified. The bill requires the vehicle owner or operator to notify local highway authorities within ~~24 hours~~ after operating such a vehicle in excess of the special or seasonal weight limitations.

Because this bill concerns an exception to the vehicle weight limits specified in ch. 348, stats., the department of transportation, as required by law, will prepare a report to be printed as an appendix to this bill.

and the vehicle is operated on the most direct route

72 hours

**ASSEMBLY BILL**

For further information see the *state and local* fiscal estimate, which will be printed as an appendix to this bill.

---

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2           349.16 (3) The authority in charge of the maintenance of the highway may  
3 exempt vehicles carrying certain commodities specified by the authority or which are  
4 used to perform certain services specified by the authority, ~~including but not limited~~  
5 ~~to pumping septic or holding tanks~~, from the special weight limitations which are  
6 imposed under sub. (1) (a), or may set different weight limitations than those  
7 imposed under sub. (1) (a) for vehicles carrying those commodities or which are used  
8 to perform those services, if such exemption or limitation is reasonable and necessary  
9 to promote the public health, safety and welfare. The authority in charge of the  
10 maintenance of the highway shall exempt from the special or seasonal weight  
11 limitations imposed under sub. (1) (a) any vehicle that is transporting material  
12 pumped from a septic or holding tank if, because of health concerns, the material  
13 needed to be removed from the septic or holding tank within 24 hours after the  
14 vehicle owner or operator is notified and if the vehicle is travelling on the most direct  
15 route between the septic or holding tank and the location where the vehicle's contents  
16 are to be unloaded. Within <sup>✓</sup>72 hours after operating a vehicle that transported  
17 material pumped from a septic or holding tank and that exceeded special or seasonal  
18 weight limitations as authorized by this subsection, the owner or operator of the  
19 vehicle shall notify the authority in charge of maintenance of the highways over  
20 which the vehicle was operated.

21           **SECTION 2. Initial applicability.**





Mike -

Assm Jacket  
for -119413  
Returned  
& Destroyed

If possible,  
please convert LRB-1194,  
jacketed for Assembly, to  
a Senate Bill, send  
jacket + copies to Sen Breske.

Thanks!

Paul

p.s. If it turns into a headache,  
let me know + I'll create  
new #.



# State of Wisconsin

## LEGISLATIVE REFERENCE BUREAU

100 NORTH HAMILTON STREET  
P. O. BOX 2037  
MADISON, WI 53701-2037

LEGAL SECTION: (608) 266-3561  
REFERENCE SECTION: (608) 266-0341  
FAX: (608) 266-5648

STEPHEN R. MILLER  
CHIEF

LRB  
/2

April 19, 1999

## MEMORANDUM

**To:** Senator Breske

Paul E. Nilsen, Legislative Attorney, (608) 261-6926

**Subject:** Technical Memorandum to **1999 SB 77** (LRB 99-1194/3)

---

We received the attached technical memorandum relating to your bill. This copy is for your information and your file. If you wish to discuss this memorandum or the necessity of revising your bill or preparing an amendment, please contact me.

**Thiel, Jim**

---

**From:** Thiel, Jim  
**Sent:** Friday, April 16, 1999 8:58 AM  
**To:** Nilsen, Paul  
**Cc:** Morrison, Mark; Buckmaster, Carol  
**Subject:** AB 188/ SB 77 TECHNICAL MEMO

1. These companion bills require the vehicle to travel "on the most direct route between the septic or holding tank and the location where the vehicle's contents are to be unloaded." That provision might result in the vehicle traveling for a longer distance on the road posted for lower weight limits during the Spring thaw and causing more damage. WISDOT suggests that the language be amended to require the most direct route and shortest distance on the posted road. Once its off the posted road, it will be subject to normal weight limits and not a problem. NOTE: Bill Ford apparently is also suggesting some sort of start to finish rather than pumping to dumping amendment on the Senate version of the bill. Perhaps these can be combined into one amendment.

2. We think the companion bills still require the operator to obtain a permit, but it could/would be a multiple trip permit, so shouldn't be that inconvenient to obtain before the Spring thaw period. See 348.17(1), Stats. Maybe that's o.k. as long as everyone understands that permit will still be required. If not, probably need an amendment.

ASSEMBLY BILL 188/SENATE BILL 77  
WISCONSIN DEPARTMENT OF TRANSPORTATION  
APRIL 15, 1999

LRB  
/

1. Background

This report complies with Wisconsin Statutes 13.096 which imposes a responsibility upon the Department of Transportation to fully examine the impact of the proposed weight exception.

2. Exceptions Proposed in AB 188/SB 77

Requires that highway maintaining authorities exempt septic haulers in specific instances from *special or seasonal weight limitations on highways*. This exemption does not apply to weight limits on bridges and culverts. The specific instances are when, because of health concerns, the septic material needs to be hauled out within 24 hours after the septic hauler is contacted. Currently, maintaining authorities may exempt septic haulers but are not required to exempt. The roads that are used must be the most direct route from septic or holding tank to where the contents will be unloaded. The septic hauler must also notify the maintaining authority within 72 hours over which highways the move occurred.

3. Findings

Roadway and Bridge Impacts

The pavements analysis takes into account that these type of trucks have twice the impact on roadways during the spring thaw postings than they do in the remainder of the year. The state only has 315 miles of highways that are subject to special or seasonal weight limits. The rest of the state system has pavements built to standards that allow for normal 80,000 pound weight limits to be carried year round. It is estimated that if over 300 trips per year are generated on the State Trunk Highway System, the cost is \$210,000 per year in reduction to the pavements service life. If less than 300 trips per year are generated, then the impact would be negligible. (See Appendix 1 for more information)

Based on the above, the impact of the septic haulers will be negligible on the state trunk highway system if less than 300 trips and \$210,000 per year if greater than 300 trips per year. The greatest impact would occur on town and other local roads which are built to lesser standards. There are many more miles of local roads that are subject to special and seasonal weight limitations (posted roads).

This bill does not exempt septic haulers from bridge postings. As such there are no bridge impacts.

## Safety and Environmental Impacts

This bill deals with exemptions for truck weights that are normally legal. The vehicles would not be carrying any more weight than they would normally carry. For this reason, no safety or operational impact is anticipated.

Adoption of this bill would have a minimal reduction in the number of truck trips required. This would slightly reduce fuel usage and the resultant emissions.

### 4. Hardship and Cost Caused by Current Weight Limits

In certain instances, the weight of the empty truck exceeds or is very close to the posted seasonal or special weight limit. This has the effect of either not allowing the truck to even get to where the material needs to be pumped from or allows them to haul only a very small amount of material necessitating several trips. The other issue is that exemptions can be granted from the maintaining authority, but it is not also able to obtain the exemption in a timely manner. This can be especially true at night or on weekends when a septic system backs up. During business hours, finding the correct official to obtain permission from can often be hard. This is especially true with townships, where most septic systems and holding tanks are located.

### 5. Other Efforts to Resolve Problem

1997 AB 592 also dealt with exempting septic haulers and household goods movers from seasonal weight limits. This bill differs from 1997 AB 592 in that it only deals with the septic haulers along with language to apply only when there are health concerns and that the material needs to be removed within 24 hours. This bill also addresses concerns raised by local authorities with regard to 1997 AB 592 of potential abuse by septic haulers. This has been addressed by requiring septic haulers to notify the highway authority within 72 hours after they have made a haul over posted roads.

### 6. Motor Carriers Degree of Control Over Weight

The septic hauler has a good degree of control over their weight. As listed in the safety section, this bill deals with weights that are otherwise legal. Due to this, control over the weight is not at the heart of this issue. Rather, the exemption is to allow a truck to haul out septic material in limited instances.

### 7. Laws in other States

**Minnesota** has no exemptions.

**Michigan** has an exemption for milk haulers.

**Iowa** DOT does not post for below the legal limit. Locals have the same authority as current Wisconsin law.

**Illinois** DOT does not post for below the legal limit. No exemptions on local roads.

**CORRESPONDENCE/MEMORANDUM** \_\_\_\_\_ *State of Wisconsin*

**DATE:** April 14, 1999

**TO:** Mark Morrison, P.E.  
Traffic Safety Engineer

**FROM:** Scot M. Schwandt, P.E.  
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**SUBJECT:** AB 188/SB 77 Impact to Highway Pavement Structures

Here is a brief overview of the highway pavement structures impact analysis of AB188/SB77.

**IMPACT ASSUMPTIONS:**

- 315 miles of pavement are affected by this bill.
- The pavement structure involved is a 4" AC surface over 10" CABC.
- The subgrade has an  $E = 13,000$  psi during the summer and an  $E = 5,000$  psi during the "spring thaw".
- The average age of these pavements is 10 years.
- The designed yearly ESALs = 14,600.
- The critical loading is a 35 kip tandem dual tire axle ( $q=80$  psi) of a gross 80 kip vehicle.

**PAVEMENT STRUCTURE ANALYSIS:**

Normal Condition:

$k_1 = 20$        $k_2 = 2$        $H = 0.4$        $A = 0.8$   
calculated tensile strain in AC = 384  
calculated allowable repetitions = 137,102

Spring Thaw:

$k_1 = 20$        $k_2 = 5$        $H = 0.4$        $A = 0.8$   
calculated tensile strain in AC = 480  
calculated allowable repetitions = 65,783

∴ During spring thaw, these vehicles have twice the impact to the pavement structure compared to summer conditions. During the summer, this truck is equivalent to 2.88 ESALs. During the spring thaw, this truck is equivalent to 5.76 ESALs.

**CONCLUSIONS/RECOMMENDATIONS:**

<u># of Trucks during Spring Thaw</u>	<u>ESALs</u>	<u>% of Yearly Design ESALs</u>
100	576	4
200	1152	8
300	1720	12
400	2304	16
500	2880	20

The impact of less than 300 truck trips a year is considered negligible. If this bill produces more than 300 truck trips a year, the impact would be reflected in reduction of service life. The economic reflection of this would be a cost of \$211,680 for each year with more than 300 truck trips.