

PUBLIC SAFETY AND TRANSPORTATION COMMITTEE

9:05 a.m. - Thursday, September 23, 2010

Roughrider Room, State Capitol

North Dakota Department of Transportation

Francis G. Ziegler, P.E., Director

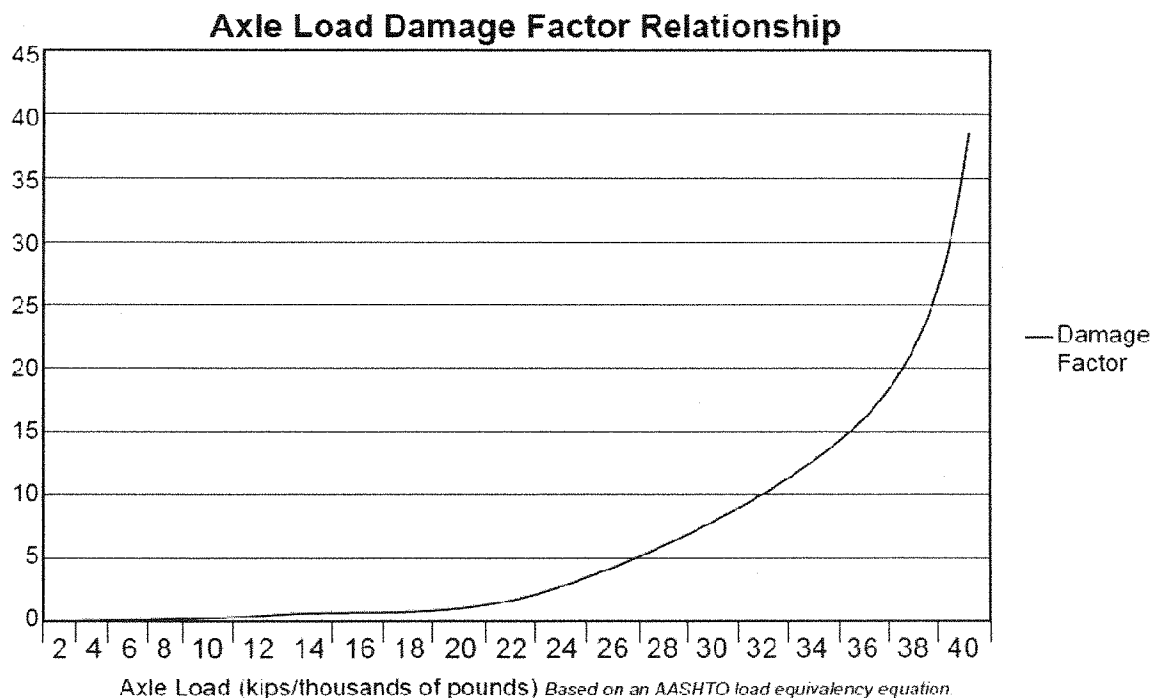
Good morning, Mr. Chairman and members of the committee. I'm Francis Ziegler, Director of the North Dakota Department of Transportation (NDDOT). Today we will discuss the following as requested by the committee:

1. Overweight vehicle damage and permit fees
2. Utilization of Funding pursuant to Section 11 of 2009 Senate Bill 2012.

Overweight vehicle damage

North Dakota has a huge investment in its transportation system. To adequately protect our investment, we must ensure that traffic adheres to the state's weight restrictions.

As the weight per axle increases, the damage to the highway is exponential. For example, a 36,000 pound axle weight does 24 times as much damage as a 18,000-pound axle weight. A legal 20,000 pound truck axle consumes a thousand times as much pavement life as a 2,000 pound automobile axle. The graph below illustrates how the damage grows as the weight increases.



As a result, it is essential that we enforce weight restrictions and have a fee system in place that protects the transportation system.

Permit Fees

The fee process allows overweight trucks to travel our roadways through permits issued by the highway patrol. Attachment 1 provides information about routine permit fees collected in North Dakota and adjacent states. A couple of permit fee examples are shown below:

LOAD #1 (Non- reducible load less than 150,000 pounds)

Assumptions: 1. 5 axle typical semi
2. 100 mile trip
3. 103,200 # GVW(13.2K/1 axle, 45k/2 axles, 45k/2 axles)
4. Not applicable during spring load restrictions.

ND Permit Fee:\$20 single trip permit- (Not distance dependent)

Total \$20

SD Permit Fee:\$25 single trip permit

Ton Mile fee: \$20(\$0.02/ ton/mile fee when overweight)

Total: \$45

LOAD #2 (Excessive Non-reducible load greater than 150,000 pounds)

Assumptions: 1. Tractor trailer with 8 axles
2. 100 mile trip
3. 160,000 # GVW(14k/1axle, 60k/3 axles, 43k/2 axles, 43K/2 axles)
4. Not applicable during spring load restrictions.

ND Permit Fee:\$30 single trip permit (Not distance dependant)

Eng fee: \$25

Total: \$55

SD Permit Fee:\$25 single trip permit

Ton Mile fee: \$66 (\$0.02/ ton/mile fee when overweight)

Total: \$91

Fines or ND Extraordinary road use fees

Extraordinary road use fees typically do not cover state road damage costs from overweight trucks. Attachment 2 provides information about fees/fines charged for trucks not permitted and in excess of the legal load limit. For example, in North Dakota a truck traveling without a permit with a load exceeding the legal gross vehicle weight by 10,000 pounds will be assessed a fee of \$655, in South Dakota it would cost \$3,750.

Utilization of Funding pursuant to Section 11 of 2009 Senate Bill 2012

Adjutant General Sprynczynatyk testified before the Budget Committee yesterday detailing how Section 11 of Senate Bill 2012 funding was utilized. We concur with the DES report.

This concludes my testimony, thank you for the opportunity to appear before the committee today.

Attachment 1

State Overweight Permit Fee Information

<p>North Dakota Permit Fee: \$20 single trip Permit fee ranges from \$30 to \$70 for overweight Citation: \$20 or \$100</p>	<p>South Dakota Permit Fee: \$25 single trip plus \$.02 per ton/mile fee when overweight Citation: \$170</p>																				
<p>Minnesota Permit Fee: \$15 single trip plus damage assessment fee (if overweight) Citation: Overwidth \$185 Overheight - \$125 Overlength - \$125 Overweight (schedule below) Minnesota's fee schedule is assessed at a single rate for the highest weight violation. (*This is also their citation for excess weight) Criminal (MSS 169.823-827) (will subtract fee from civil penalty fee)</p> <table> <tr><td>1000-1999 lbs over</td><td>185.00</td></tr> <tr><td>2000-2999 lbs over</td><td>285.00</td></tr> <tr><td>3000-3999 lbs over</td><td>385.00</td></tr> <tr><td>4000-4999 lbs over</td><td>485.00</td></tr> <tr><td>5000-5999 lbs over</td><td>585.00</td></tr> <tr><td>6000-6999 lbs over</td><td>685.00</td></tr> <tr><td>7000-7999 lbs over</td><td>785.00</td></tr> <tr><td>8000-8999 lbs over</td><td>885.00</td></tr> <tr><td>9000-9999 lbs over</td><td>985.00</td></tr> <tr><td>10,000 or above</td><td>1,085.00</td></tr> </table>	1000-1999 lbs over	185.00	2000-2999 lbs over	285.00	3000-3999 lbs over	385.00	4000-4999 lbs over	485.00	5000-5999 lbs over	585.00	6000-6999 lbs over	685.00	7000-7999 lbs over	785.00	8000-8999 lbs over	885.00	9000-9999 lbs over	985.00	10,000 or above	1,085.00	<p>Montana Permit Fee: \$10 single trip plus (\$3.50/5,000 total excess axle weight/ 25 miles when overweight Citation: Overweight penalty ranges from \$30 to \$100 plus fee from schedule Overdimensional penalty ranges from \$25 to \$500</p>
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	<p>Wisconsin Overlength only - \$15 Overwidth or Overheight (may include overlength) \$20 Overwidth or Overheight (may include overlength) \$25 Overweight (includes any oversize) 0-90,000 lbs = \$20 90,001-100,000 lbs = \$35 100,001-110,000 lbs = \$45 110,000 -120,000 lbs = \$55 120,001 and up = #65 plus \$10 per 10,000 lbs or fraction thereof.</p>																				
<p>Oklahoma \$20 oversize single trip base fee \$20 overweight single trip base fee Overweight fee - \$5/1000 lbs over 100,000 lbs.</p>	<p>Colorado Permit Fee: \$30 single trip \$10/axle on the ground when overweight \$250 single trip permit fee >200,000 lbs GVW</p>																				

Attachment 2

Extraordinary road use fees (Overload Fines)				
ND Extraordinary road use fees 39-12-17	ND Fees	SD Fines	MN Fees	MT Fees
1,000 pounds	\$20	\$50	\$10	\$30
2,000 pounds	\$40	\$100	\$60	\$30
3,000 pounds	\$60	\$150	\$110	\$75
4,000 pounds	\$140	\$600	\$210	\$75
5,000 pounds	\$220	\$1,125	\$310	\$125
6,000 pounds	\$305	\$2,250	\$460	\$125
7,000 pounds	\$380	\$2,625	\$610	\$175
8,000 pounds	\$495	\$3,000	\$810	\$175
9,000 pounds	\$575	\$3,375	\$1,010	\$250
10,000 pounds	\$655	\$3,750	\$1,210	\$250
11,000 pounds	\$1,100	\$8,250	\$1,410	\$275
12,000 pounds	\$1,200	\$9,000	\$1,610	\$275
13,000 pounds	\$1,300	\$9,750	\$1,810	\$300
14,000 pounds	\$1,680	\$10,500	\$2,010	\$300
15,000 pounds	\$1,800	\$11,250	\$2,210	\$400
16,000 pounds	\$1,920	\$12,000	\$2,410	\$400
17,000 pounds	\$2,550	\$12,750	\$2,610	\$500
18,000 pounds	\$2,700	\$13,500	\$2,810	\$500
19,000 pounds	\$2,850	\$14,250	\$3,010	\$600
20,000 pounds	\$3,000	\$15,000	\$3,210	\$600
21,000 pounds	\$4,200	\$15,750	\$3,410	\$1,000
22,000 pounds	\$4,400	\$16,500	\$3,610	\$1,000
23,000 pounds	\$4,600	\$17,250	\$3,810	\$1,000
24,000 pounds	\$4,800	\$18,000	\$4,010	\$1,000
25,000 pounds	\$5,000	\$18,750	\$4,210	\$1,000
26,000 pounds	\$5,200	\$19,500	\$4,410	\$2,000
27,000 pounds	\$5,400	\$20,250	\$4,610	\$2,000
28,000 pounds	\$5,600	\$21,000	\$4,810	\$2,000
29,000 pounds	\$5,800	\$21,750	\$5,010	\$2,000
30,000 pounds	\$6,000	\$22,500	\$5,210	\$2,000
ND - An additional charge of \$200 for every 1,000-pound increase over 30,000 pounds consistent with the above formula			\$10,000 Maximum	MT - Flat Fees