

SB

241

SFIN

FILE

FISCAL NOTE

STATE OF ALASKA
1996 LEGISLATIVE SESSION

BILL NO. SB 241

Revision Date: 2/15/95 Dept. Affected: DOT&PF
 Title: An Act relating to the use of studded tires on the BRU: Central Region
Sterling Highway Component: Design and Construction
 Sponsor: Torgerson
 Requester: Transportation COMPONENT SERIAL NO. 561

Expenditures/Revenues (Thousands of Dollars)

OPERATING EXPENDITURES	FY 97	FY 98	FY 99	FY 00	FY 01	FY 02
PERSONAL SERVICES						
TRAVEL						
CONTRACTUAL						
SUPPLIES						
EQUIPMENT						
LAND & STRUCTURES						
GRANTS, CLAIMS						
MISCELLANEOUS						
TOTAL OPERATING	0.0	0.0	0.0	0.0	0.0	0.0

CAPITAL EXPENDITURES	0.0	0.0	0.0	0.0	0.0	0.0
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CHANGE IN REVENUES ()	0.0	0.0	0.0	0.0	0.0	0.0
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FUND SOURCE (Thousands of Dollars)

1002 Federal Receipts						
1003 GF Match						
1004 GF						
1005 GF/Program Receipts						
1006 GF/MHTIA						
Other						
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0

Estimate of any current year (FY98) cost: \$ 0.0

POSITIONS

FULL-TIME	0	0	0	0	0	0
PART-TIME	0	0	0	0	0	0
TEMPORARY	0	0	0	0	0	0

ANALYSIS: (Attach a separate page if necessary)

Additional costs associated with incorporating the use of studded tires on the Sterling Highway will be in the form of a capital project occurring earlier than originally scheduled. Presently, the area has mixed enforcement. This will help improve enforcement by providing a consistent period that studded tires are banned. In general, studded tire damage is increasing every year. To quantify that cost is difficult and actual increased damage over the present rate of wear will not be significant.

Prepared by: Sam Kito III

Phone: 465-3900

Special Assistant

Division: Office of the Commissioner

Date: _____

Approved by: *Joseph L. Torgerson*

Date: 2/20/96

Commissioner

Agency: Department of Transportation and Public Facilities

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FISCAL NOTE

No. 2

STATE OF ALASKA
1996 LEGISLATIVE SESSION

BILL

Bill Version: SB 241

(S) Publish Date: 2/14/96

Revision Date: _____ Dept. Affected: Public Safety
 Title: Studded tires on the Sterling Hwy BRU: Alaska State Troopers
 _____ Component: Detachments
 Sponsor: Senator Torgerson
 Requestor: Senate Transportation COMPONENT SERIAL NO. 0799

EXPENDITURES/REVENUES: (Thousands of Dollars) (inflation not included)

	FY 97	FY 98	FY 99	FY 00	FY 01	FY 02
OPERATING						
PERSONAL SERVICES						
TRAVEL						
CONTRACTUAL						
SUPPLIES						
EQUIPMENT						
LAND & STRUCTURES						
GRANTS, CLAIMS						
MISCELLANEOUS						
TOTAL OPERATING	-0-	-0-	-0-	-0-	-0-	-0-
CAPITAL	-0-	-0-	-0-	-0-	-0-	-0-
CHANGE IN REVENUES () Revenue Code	-0-	-0-	-0-	-0-	-0-	-0-

FUNDING: (Thousands of Dollars)

1002 Federal Receipts						
1003 GF Match						
1004 GF						
1005 GF Program						
1006 GF/MHTIA						
Other						
TOTAL	-0-	-0-	-0-	-0-	-0-	-0-

Estimate of current year (FY 95) impact: \$ _____

POSITIONS:

FULL-TIME	0	0	0	0	0	0
PART-TIME	0	0	0	0	0	0
TEMPORARY	0	0	0	0	0	0

ANALYSIS: (Attach a separate page if necessary.)

This bill will not have a fiscal impact on the Division of Alaska State Troopers.

Prepared By: Lt. Dan Lowden Phone: 465-5505
 Division: Alaska State Troopers Date: February 12, 1996
 Approved by Commissioner: *Ronald L. Otte* Date: 2/12/96
 Agency: Ronald L. Otte, Department of Public Safety

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FISCAL NOTE

2/13/96 #2

STATE OF ALASKA
1996 LEGISLATIVE SESSION

BILL NO: SB 241

Revision Date: _____ Dept. Affected: Public Safety
 Title: Studded tires on the Sterling Hwy. BRU: Alaska State Troopers
 Component: Detachments
 Sponsor: Senator Torgerson
 Requestor: Senate Transportation COMPONENT SERIAL NO. 0799

EXPENDITURES/REVENUES: (Thousands of Dollars) (inflation not included)

	FY 97	FY 98	FY 99	FY 00	FY 01	FY 02
OPERATING						
PERSONAL SERVICES						
TRAVEL						
CONTRACTUAL						
SUPPLIES						
EQUIPMENT						
LAND & STRUCTURES						
GRANTS, CLAIMS						
MISCELLANEOUS						
TOTAL OPERATING	-0-	-0-	-0-	-0-	-0-	-0-
CAPITAL	-0-	-0-	-0-	-0-	-0-	-0-
CHANGE IN REVENUES () Revenue Code	-0-	-0-	-0-	-0-	-0-	-0-

FUNDING: (Thousands of Dollars)

1002 Federal Receipts						
1003 GF Match						
1004 GF						
1005 GF/Program						
1006 GF/MHTIA						
Other						
TOTAL	-0-	-0-	-0-	-0-	-0-	-0-

Estimate of current year (FY 95) impact: \$ _____

POSITIONS:

FULL-TIME	0	0	0	0	0	0
PART-TIME	0	0	0	0	0	0
TEMPORARY	0	0	0	0	0	0

ANALYSIS: (Attach a separate page if necessary.)

This bill will not have a fiscal impact on the Division of Alaska State Troopers.

Prepared By: Lt. Dan Lowden Phone: 465-5505
 Division: Alaska State Troopers Date: February 12, 1996
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FISCAL NOTE

Bill Version: SB 241
 (S) Publish Date: 2/14/96

STATE OF ALASKA
 1996 LEGISLATIVE SESSION

Revision Date: 2/9/96 Dept. Affected: DOT&PF
 Title: An Act relating to the use of studded tires on BRU: Central Region
the Sterling Highway Component: Design and Construction
 Sponsor: Torgerson
 Requester: Transportation COMPONENT SERIAL NO. 561

Expenditures/Revenues

(Thousands of Dollars)

OPERATING EXPENDITURES	FY 97	FY 98	FY 99	FY 00	FY 01	FY 02
PERSONAL SERVICES						
TRAVEL						
CONTRACTUAL						
SUPPLIES						
EQUIPMENT						
LAND & STRUCTURES						
GRANTS, CLAIMS						
MISCELLANEOUS						
TOTAL OPERATING	0.0	0.0	0.0	0.0	0.0	0.0

CAPITAL EXPENDITURES	60.0	63.0	66.5	70.0	73.5	77.5
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CHANGE IN REVENUES ()	0.0	0.0	0.0	0.0	0.0	0.0
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FUND SOURCE

(Thousands of Dollars)

	FY 97	FY 98	FY 99	FY 00	FY 01	FY 02
1002 Federal Receipts	54.0	56.7	59.8	63.0	66.1	69.7
1003 GF Match	6.0	6.3	6.7	7.0	7.4	7.8
1004 GF						
1005 GF/Program Receipts						
1006 GF/MHTIA						
Other						
TOTAL	60.0	63.0	66.5	70.0	73.5	77.5

Estimate of any current year (FY96) cost: \$ 0.0

POSITIONS

	FY 97	FY 98	FY 99	FY 00	FY 01	FY 02
FULL-TIME	0	0	0	0	0	0
PART-TIME	0	0	0	0	0	0
TEMPORARY	0	0	0	0	0	0

ANALYSIS: (Attach a separate page if necessary)

Lengthened studded tire use season will increase wear on pavement, leading to more frequent pavement replacement (overlay) projects. The cost of this additional work was estimated as shown on the attached page. Some increase in road maintenance needs is also likely, but the cost will probably be small compared to capital costs and was not estimated.

Prepared by: Matthew Reckard Phone: 465-6956
 Division: Engineering and Operations Date: 2/9/96
 Approved by: Joseph L. Perkins Date: 2/9/96
 Joseph L. Perkins, Commissioner
 Agency: Department of Transportation and Public Facilities

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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND
PUBLIC FACILITIES

Computations

Project No.

Bridge No.

Calc. by H.V. REICHAID Date 9 FEB 96

Checked by Date

For FISCAL NOTE ON SB 241

ROUGH ESTIMATE - STUDDED TIRE DAMAGE, STERLING HWY.

- DATA FROM RECENT STUDY OF EGAN EXPRESSWAY (EGAN & RANGSTAD STAFF REPORT JAN '96) INDICATED STUO WEAR COSTS ARE APPROX. \$3,900/LA-MI-YR
- AVG. TRAFFIC ON STERLING IN '94 WAS 3,303 VPD - MOSTLY 2 LANE
 EGAN IN '94 " = 22,500 VPD - 4 LANES
 SO STERLING TRAFFIC PER LANE (AVERAGE) IS ABOUT $\frac{3303/2}{22,500/4} = 29.4\%$ AS MUCH
- ASSUME STUDDED TIRE DAMAGE IS PROPORTIONAL TO TRAFFIC VOLUME, THEN
DAMAGE ON THE STERLING HWY IS $(.294) (\$3,900/LA-MI-YR) (\text{APPROX } 292 \text{ LA-MI.})$
 → \$335,000/YEAR (IN '94)
- LEGISLATION WOULD INCREASE 'STUD SEASON' FROM 6 1/2 TO 7 1/2 MONTHS/YR;
 OR 15.4%. ASSUMING STUDDED TIRE TRAFFIC INCREASED THE SAME
 AMOUNT, THIS INCREASE IS $(154) (\$335,000/YR) = \$51,600/YR$ (IN '94)
- STERLING HWY AVG ANNUAL INCREASE:

'92: 2936 VPD	}	'92 TO '94 AVERAGED 5.2% INCREASE/YR (COMPOUNDED)
'93: 3195 "		
'94: 3303 "		
- ASSUMING TRAFFIC INCREASES AT THIS RATE (5.2%/YR) IN FUTURE, AND STUDDED
 TIRE DAMAGE WITH IT, THE COST DUE TO LENGTHENED STUD SEASON
 ON STERLING HWYWAY IS $(\$51,600/YR) (1.052)^{(\text{YEAR}-1994)}$

OR, FOR 1997:	≈	\$60,000
98	≈	\$63,000
99	≈	\$66,500
2000	≈	\$70,000
2001	≈	\$73,500
2002	≈	\$77,500

FISCAL NOTE

STATE OF ALASKA
1996 LEGISLATIVE SESSION

BILL NO. SB 241

Revision Date: 2/9/96 Dept. Affected: DOT&PF
 Title: An Act relating to the use of studded tires on BRU: Central Region
the Sterling Highway Component: Design and Construction
 Sponsor: Torgerson
 Requester: Transportation COMPONENT SERIAL NO. 581

Expenditures/Revenues (Thousands of Dollars)

OPERATING EXPENDITURES	FY 97	FY 98	FY 99	FY 00	FY 01	FY 02
PERSONAL SERVICES						
TRAVEL						
CONTRACTUAL						
SUPPLIES						
EQUIPMENT						
LAND & STRUCTURES						
GRANTS, CL'IMS						
MISCELLANEOUS						
TOTAL OPERATING	0.0	0.0	0.0	0.0	0.0	0.0

CAPITAL EXPENDITURES	60.0	63.0	66.5	70.0	73.5	77.5
-----------------------------	-------------	-------------	-------------	-------------	-------------	-------------

CHANGE IN REVENUES ()	0.0	0.0	0.0	0.0	0.0	0.0
-------------------------------	------------	------------	------------	------------	------------	------------

FUND SOURCE (Thousands of Dollars)

1002 Federal Receipts	54.0	56.7	59.8	63.0	66.1	69.7
1003 GF Match	6.0	6.3	6.7	7.0	7.4	7.8
1004 GF						
1005 GF/Program Receipts						
1006 GF/MHTIA						
Other						
TOTAL	60.0	63.0	66.5	70.0	73.5	77.5

Estimate of any current year (FY96) cost: \$ 0.0

POSITIONS

FULL-TIME	0	0	0	0	0	0
PART-TIME	0	0	0	0	0	0
TEMPORARY	0	0	0	0	0	0

ANALYSIS: (Attach a separate page if necessary)

Lengthened studded tire use season will increase wear on pavement, leading to more frequent pavement replacement (overlay) projects. The cost of this additional work was estimated as shown on the attached page. Some increase in road maintenance needs is also likely, but the cost will probably be small compared to capital costs and was not estimated.

Prepared by: Matthew Reckard Phone: 465-6956
 Division: Engineering and Operations Date: 2/9/96
 Approved by: Joseph L. Perkins Date: 2/9/96
 Joseph L. Perkins, Commissioner
 Agency: Department of Transportation and Public Facilities

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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND
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Computations

Project No.
Bridge No.
Calc. by H. V. REICARD Date 9 FEB 86
Checked by Date

For FISCAL NOTE ON SB 241

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→ \$335,000/YEAR (IN '94)
- LEGISLATION WOULD INCREASE 'STUD SEASON' FROM 6½ TO 7½ MONTHS/YR,
OR 15.4%. ASSUMING STUDDED TIRE TRAFFIC INCREASED THE SAME
AMOUNT, THIS INCREASE IS $(.154) (\$335,000/YR) = \$51,600/YR$ (IN '94)
- STERLING HWY HAS NOT INCREASE:

'92	2936 VPD	}	'92 to '94 AVERAGE 5.2% INCREASE/YR (COMPOUNDED)
'93	3195 "		
'94	3303 "		
- ASSUMING TRAFFIC INCREASES AT THIS RATE (5.2%/YR) IN FUTURE, AND STUDDED
TIRE DAMAGE WITH IT, THE COST DUE TO LENGTHENED STUD SEASON
ON STERLING HIGHWAY IS $(\$51,600/YR) (1.052)^{\text{(YEAR-1994)}}$

OR FOR 1997	≈ \$60,000
98	≈ \$63,000
99	≈ \$66,500
2000	≈ \$70,000
2001	≈ \$73,500
2002	≈ \$77,500

SENATE FINANCE COMMITTEE REPORT

DATE: 2/14/96 DATE TURNED INTO OFFICE: 3/7/96

The Finance Committee considered SB 241

Relating to the use of studded tires on the Sterling Highway.

and recommends:

- be replaced with _____ CS _____
- adopt previous _____ CS _____
- attached amendment(s)
- adopt Letter of Intent by _____ Committee
- further referral to the _____ Committee

- Senate Bill:
- same title
 - new title
- House Bill:
- same title
 - technical change
 - new: SCR _____

SIGNING DO PASS	DP	OTHER RECOMMENDATIONS	NR	DNP	AM
<i>Steve King</i>	✓				
<i>Carl P. Orr</i>	✓				
<i>Deborah Daniels</i>	✓				
<i>Edith Stoddard</i>	✓				
<i>Bob Young</i>	✓				
Co-Chair: <i>[Signature]</i>	✓	Co-Chair:			
Co-Chair: <i>Kirk Helford</i>	✓	Co-Chair:			

NEW FISCAL NOTE(S):

Department Date Zero Fiscal

Department	Date	Zero	Fiscal
<i>DOT/PF</i>	<i>2/20/96</i>	0	

PREVIOUS FISCAL NOTE(S):*

Department Date Zero Fiscal

Department	Date	Zero	Fiscal
<i>#2 DP5</i>	<i>2/2/96</i>	0	

APPROPRIATION -- no fiscal note

*include fiscal notes accompanying Governor's bill

SENATE COMMITTEE REPORT
First Committee of Referral

DATE: 1/26/96

FURTHER:

Jim Adley

Date of 5-Day Notice: 2/8/96
 (in accordance with Uniform Rule 23)

DATE TURNED INTO OFFICE: 2-13-96

The Transportation Committee considered SB 241

Relating to the use of studded tires on the Sterling Highway.

FN + PFN

and recommends:

- be replaced with _____ CS _____ (_____)
- adopt previous _____ CS _____ (_____)
- attached amendment(s)
- adopt Letter of Intent by _____ Committee
- further referral to the _____ Committee

- Senate Bill:
 - same title
 - new title
- House Bill:
 - same title
 - technical title
 - new: SCR# _____

SIGNING DO PASS	DP	OTHER RECOMMENDATIONS	NR	DNP	AM
<i>Lyda Green</i>	<input checked="" type="checkbox"/>	<i>see notes</i>	<input checked="" type="checkbox"/>		
CHAIR: <i>Steve King</i>	<input checked="" type="checkbox"/>				

NEW FISCAL NOTE(S):

Department	Date	Zero	Fiscal
<i>DOT/PF</i>	<i>2/9/96</i>		<input checked="" type="checkbox"/>
<i>Public Safety</i>	<i>2/12/96</i>	<input checked="" type="checkbox"/>	

PREVIOUS FISCAL NOTE(S):*

Department	Date	Zero	Fiscal

APPROPRIATION - no fiscal note

*include fiscal notes accompanying Governor's bill