

SB

53

**SENATE COMMITTEE REPORT
First Committee of Referral**

DATE: 1/21/09

FURTHER: Finance

Date of 5-Day Notice: _____
(in accordance with Uniform Rule 23)

DATE TURNED
IN TO OFFICE: 3/10/09

Transportation Committee considered SENATE BILL NO. 53

SB 53 APPROP.: BRIDGES, SERVICE ROADS, TRAILS

"An Act making special appropriations for bridge repairs and construction and road construction; and providing for an effective date."

and recommends:

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

SENATE BILL:	
<input type="checkbox"/>	Same Title
<input type="checkbox"/>	New Title
<hr/>	
HOUSE BILL:	
<input type="checkbox"/>	Same Title
<input type="checkbox"/>	Technical Title Change
<input type="checkbox"/>	New Title w/ SCR # _____

NEW FISCAL NOTE(S):

PREVIOUS FISCAL NOTE(S):

Department	Date	Fiscal	Indet	Zero	FN#
DOT P/E	3/6/09			✓	

Department	Date	Fiscal	Indet	Zero	FN#

APPROPRIATION - no fiscal note

SIGNATURES AND RECOMMENDATIONS	PRINTED LAST NAME	DO PASS	DO NOT PASS	NO REC	AMEND
<i>Linda Menard</i>	Menard			X	
<i>Benny Davis</i>	Davis			X	
<i>Ke Meyer</i>	MEYER			X	
<i>Joe Pashavan</i>	PASHAVAN			X	
CHAIR <i>Clifford Koster</i>	Koster	X			

ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

STATEWIDE DESIGN & ENGINEERING SERVICES

BRIDGE STATUS REPORT – March 6, 2009

Contact: Roger Healy, P.E., Chief Engineer 465-6958

Project Development Timeline – Bridges

All projects take time to bring from concept through completion: federally funded projects take longer yet. It is not unusual for the project development process (funding authorization, preliminary design, permits, environmental clearances, final design, bidding, and award) to take multiple years. Bridge projects have further challenges in preconstruction and construction because of historic structure considerations, river hydraulics, wetland impacts, Coast Guard clearances, fish permit timeframes, traffic detours, temporary bridges, and seasonal construction windows.

Bridge Work Present and Future

The focus of the following lists is bridges owned and maintained by the DOT&PF. Future anticipated Project Costs are preliminary and will change. The following lists identify:

- Major Bridge work underway or completed in the 2008 construction season;
- Major Bridge work anticipated for construction in the 2009 construction season;
- Major Bridge design and construction work for Structurally Deficient bridges without complete funding through design and/or construction;
- Structurally deficient bridges of major significance that, subject to available funding, must be replaced or undergo rehabilitation in the future.

Major Bridge Construction Work in 2008

Bridge	Highway/Location	Project Cost or Bridge Component (BC) Cost	Notes
Hick's Creek	Glenn Highway	~\$4M (BC)	Open to Traffic
South Channel	Unalaska	~\$20M	Open to Traffic
North Pole Interchange	Richardson/North Pole	~\$2M (BC)	Open to Traffic
Susitna River Br. Rehab	Talkeetna	~\$5.5M(BC)	Open to Traffic
ADOT Maintenance Repairs	Statewide	~\$250K	Open to Traffic

Anticipated Bridge Construction Work 2009 – Funds Identified for Design/Construction

Bridge	Highway/Location	Project Cost or Bridge Component (BC) Cost	Notes
Tanana River	Alaska Highway	~\$40M	Bid on 2/26/2009
Gakona River	Tok	~\$5M	2009 Stimulus - Fast List
Shaw Creek	Richardson	~\$3M (BC)	GF Funded
Barnette Street	Chena River/Fairbanks	~\$4M	FMATS TIP
Tok River	Alaska	~\$380K	2008 G.O. Bonds for Future STIP Eligibility

On System Major Bridge Work – Planning and Design – Majority of Funds Identified

Bridge	Highway/Location	Project Cost or Bridge Component (BC) Cost	Notes	Proposed Funding Source
Snake River	Nome	~\$10M	Replacement	2008 G.O. Bonds
Wood River	Aleknagik	~\$20M	New Crossing	2008 G.O. Bonds
Ptarmigan Creek	Seward Highway	~\$2M	Emergency Temp. Repairs	2008 G.O. Bonds
Falls Creek	Seward Highway	~\$2.5M	Emergency Temp. Repairs	2008 G.O. Bonds
Trail River	Seward Highway	~\$6.5M	Emergency Temp. Repairs	2008 G.O. Bonds
Slana River	Tok	~\$6M	Replacement	2008 G.O. Bonds
Taiya River	Dyea/Skagway	~\$1.5M	Load Rated/Rehab	2008 G.O. Bonds
Tolsona Creek	Glenn	~\$1.5M	Replacement	2008 G.O. Bonds

FUTURE FUNDING

DOT&PF anticipate between \$20M to \$25M annually in federal Bridge Replacement monies for bridge replacement and rehabilitation. The limited federal Bridge Replacement (BR) funds will be prioritized based on needs for safety and transportation efficiency. Project costs are rough.

On System Bridge Work – Funds Not Secured – STIP Nominations for Federal Bridge Replacement Funds

Bridge	Highway/Location	Project Cost or Bridge Component (BC) Cost	Notes	Proposed Funding Source
Tok River	Alaska Highway	~\$10.0M	Replacement – Functionally Obsolete/Gas Line Support	2009 STIP Nomination for Design
Moose Creek RR Xing	Richardson	~\$14M	Replacement	2009 Stimulus – Contingent
Ketchikan Viaducts	Tongass	~\$7.15M	Rehabilitation	2009 Stimulus – Contingent
Livengood Creek	Old Elliot	~\$1.0M	Structurally Deficient - Replacement	2009 STIP -Potential Nomination for Design Funds
Phelan Creek	Richardson	~\$2.5M	Replacement Structurally Deficient - Replacement	2009 STIP -Potential Nomination for Design Funds
Ruby Creek	Richardson	~\$2.0M	Replacement - Structurally Deficient	2009 STIP -Potential Nomination for Design Funds
Snow River Center	Seward	~\$1.8M	Rehabilitation - Structurally Deficient	2009 STIP -Potential Nomination for Design Funds
Snow River West	Seward	~\$5M	Rehabilitation – Structurally Deficient	2009 STIP -Potential Nomination for Design Funds
S. Fork Anchor River	Sterling	~\$2.5M	Replacement – Structurally Deficient	2009 STIP -Potential Nomination for Design Funds
Ptarmigan Creek	Seward Highway	~\$4.0M	Permanent Replacement	2009 STIP
Falls Creek	Seward Highway	~\$3.0M	Permanent Replacement	2009 STIP
Trail River	Seward Highway	~\$8.5M	Permanent Replacement	2009 STIP
	TOTALS	~\$55M to \$65M		FHWA BR Funds

Structurally Deficient On-System Major Bridge Work – Future

Bridge	Highway/Location	Bridge Component Cost (est.)	Notes
Twenty Mile River	Seward Highway	~\$25M	Seward Hwy MP75 to 90 – STIP ID# 11925
Virgin Creek	Seward Highway	~\$7M	Seward Hwy MP75 to 90 – STIP ID# 11925
No Name Creek	Halibut Pt. Road	~\$3M	Future Fund Request
Mendenhall River	Glacier Highway	\$3.0M for Design	2010 Gov Budget for Design, Construction out-years
Portage Creek No. 1	Seward Highway	~\$10M	Seward Hwy MP75 to 90 – STIP ID# 11925
Portage Creek No. 2	Seward Highway	~\$12M	Seward Hwy MP75 to 90 – STIP ID# 11925
Peterson Creek	Seward Highway	~\$5M	Seward Hwy MP75 to 90 – STIP ID# 11925
Glacier Creek	Seward Highway	~\$15M	Seward Hwy MP75 to 90 – STIP ID# 11925
Placer River Main	Seward Highway	~\$20M	Seward Hwy MP75 to 90 – STIP ID# 11925
Placer River Overflow	Seward Highway	~\$13M	Seward Hwy MP75 to 90 – STIP ID# 11925
Gerstle River	Alaska Highway	~\$55M	Future Fund Request
O'Connor Creek	Goldstream Road	~\$1.5M	Future Fund Request
Klehini River	Porcupine River	~\$7M	Future Fund Request
	TOTALS	~\$160M to ~\$200M	

Alaska State Legislature

SENATOR
GENE THERRIAULT

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Senate

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SENATE DISTRICT F

Senator Gene Therriault

Sponsor Statement Senate Bill 53

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The intent of Senate Bill 53 is to once again provide a focus point for legislators to understand more clearly the structural integrity and corresponding repair needs of our current system of highway bridges.

The Department of Transportation will provide a list, photographs and a detailed report of the bridges it has deemed in need of critical repair. This first phase of this effort is underway with a portion of funding to work down the list of these deficient bridges.

As we prepare for the great loads of infrastructure needed for the gas line and other statewide projects, the need for bridge repairs and, or, replacements is more important than ever. Increasing both the number and weights of loads over these bridges demands the highest level of attention by those who design and maintain them. Senate Bill 53 brings this issue back before the legislature so policy makers can be made aware of the highest priority projects and what funding is needed to address them.

FISCAL NOTE

STATE OF ALASKA
2009 LEGISLATIVE SESSION

Fiscal Note Number: _____
Bill Version: SB 53
() Publish Date: _____

Identifier (file name): SB53 -DOT-DES-3-06-09
Title: Approp: Bridges, Service Roads, Trails
Sponsor: Sen. Theriault
Requester: S. TRA
Dept. Affected: DOT&PF
RDU: Design Engineering & Construction
Component: Statewide Design & Eng. Services
Component Number: 2357

Expenditures/Revenues (Thousands of Dollars)

Note: Amounts do not include inflation unless otherwise noted below.

	Appropriation Required	Information						
		FY 2010	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
OPERATING EXPENDITURES								
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	0.0	0.0

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

1002 Federal Receipts								
1003 GF Match								
1004 GF								
1005 GF/Program Receipts								
1037 GF/Mental Health								
Other Interagency Receipts								
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Estimate of any current year (FY2009) cost: _____

POSITIONS

Full-time								
Part-time								
Temporary								

ANALYSIS: (Attach a separate page if necessary)

No operating funds are necessary for implementing the funding in this appropriation bill.

Prepared by: Mary Siroky, Legislative Liaison
Division: Department of Transportation and Public Facilities
Approved by: Nancy Slagle, Admin Director
Department of Transportation and Public Facilities

Phone 465-4772
Date/Time 3/6/09 5:25 PM
Date 3/6/2009