

**Agency: Commerce, Community and Economic Development**

**Grants to Municipalities (AS 37.05.315)**

**Grant Recipient: Thorne Bay**

**Project Title:**

**Project Type: Maintenance and Repairs**

# Thorne Bay - Community Roads Repair and Resurface

**State Funding Requested: \$150,000**  
One-Time Need

**House District: 1 / A**

**Brief Project Description:**

Funding for road improvements in Thorne Bay.

**Funding Plan:**

**Total Cost of Project: \$750,000**

	<u>Funding Secured</u>		<u>Other Pending Requests</u>		<u>Anticipated Future Need</u>	
	<i>Amount</i>	<i>FY</i>	<i>Amount</i>	<i>FY</i>	<i>Amount</i>	<i>FY</i>
State Funds	\$191,000	FY08			\$337,602	FY11 ADOTPF
Other Funds	\$71,397	FY09				
<b>Total</b>	<b>\$262,397</b>				<b>\$337,602</b>	

*Explanation of Other Funds:*

*\$71,397.58 FY09 Legislative re-appropriation from Medivac Helipad Construction*

**Detailed Project Description and Justification:**

South Thorne Bay roads were originally constructed as logging roads and have been recently converted to residential use. These roads are dangerous to travel, inadequate to provide safe, reliable access to Thorne Bay's residents and businesses, and extremely difficult to maintain. Road reconstruction is needed to improve reliability of travel and access to the economic resources of the main townsite and to improve adequate Fire and EMS response time within the subdivisions.

Numerous roads within the City remain in poor condition, are unpaved and are difficult to maintain. Eleven (11) North Thorne Bay roads remain unpaved and in poor condition, most importantly, ~600 LF in front of the Thorne Bay School – an extensively used travel corridor for students 9 months out of the year. The objective of the Roads Safety Improvements is to decrease hazards associated with vehicular and pedestrian traffic along City roadways.

The 28 miles of roads within the South Thorne Bay, Steep Road and Goose Creek Subdivisions are logging roads that were recently (less than 15 years) converted to residential access roads. These roads were not designed with residential access in mind. Thus, most are steep, twisty, single lanes with little drainage or surfacing material.

The City spread the initial \$191,000.00 to all parts of the South Thorne Bay Subdivision to clear, brush, ditch, widen and re-establish failing grades to improve vehicle and passenger safety. The \$71,397.50 Legislative Re-appropriation is being utilized to improve access to and from the Choker Setter Circle Road and design (i.e. cost estimate) the other town core areas of focus.

FY10 funding request of \$150,000.00 will be utilized to complete a minor number of projects within the South TB Subdivision

*For use by Co-chair Staff Only:*

**\$150,000  
Approved**

Total Project Snapshot Report

FY 2011 Capital Budget

TPS Report 53242v1

and both scopes of work within Steep Road and Goose Creek Subdivisions. The Goose Creek Industrial Subdivision is home to ~6 sawmills that are the heart of the Thorne Bay economy, while the others are strictly residential in nature. Thus, we are developing funding strategies to highlight the economic benefit of these necessary road improvements.

**TOTAL PROJECT COST:**

- Phase I South Thorne Bay Subdivision Construction - \$191,000.00 +\$71,397.58 (partial)
- Phase II Goose Creek and Steep Road Subdivision Design, Engineering and Reconstruction - \$150,000.00
- Phase III Additional Improvements and Application of Suitable Topping Material on all 3 Subdivisions and limited paving of remaining municipal roads ~\$350,000.00

FY10 Legislative Funds will be used in conjunction with remaining FY09 Re-appropriation funds to reconstruct Goose Creek and Steep Road Subdivision roads to Best Management Practices and adequate road safety standards and may be applied to various paving projects within the municipality.

**Project Timeline:**

Project Timeline not allowed in existing format. See above for details.

**Entity Responsible for the Ongoing Operation and Maintenance of this Project:**

City of Thorne Bay

**Grant Recipient Contact Information:**

Name: Justin Sornsins, City Administrator  
Address: PO Box 19110  
Thorne Bay, AK 99919  
Phone Number: (907)828-3380  
Email: administrator@thornebay-ak.gov

Has this project been through a public review process at the local level and is it a community priority?  Yes  No

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6:28 PM 5/4/2010

# THORNE BAY ROADS

**Problem:** Narrow and hazardous roads throughout the South Thorne Bay Subdivision and Goose Creek Industrial area.

**Solution:**

- Brushing, widening and ditching of roads
- Replacing failed culverts
- Increasing visibility
- Fixing failed slopes and steep inclines
- Improve road bed with topping

**Funding Needed:**  
**\$150,000.00**

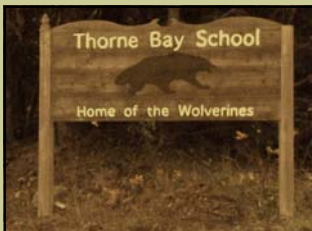
**Opportunity:** Improved safety, quicker emergency response, reduced commute time to town, improved maintenance capacity.

**Primary Focus Areas:**

- Goose Creek Industrial Area
- Southside Subdivision
- Topping for all Southside Roads



## THORNE BAY SCHOOL ROAD PROJECT



**Problem:** 600' feet of unpaved road accessing the Thorne Bay School.

**Solution:** Work with USFS-Thorne Bay Ranger District to pave.

**Funding Needed:**  
**\$50,000**

**Opportunity:** Eliminate road erosion and maintenance problem on the busiest road in town.



# City of Thorne Bay Project Priority # 3

## Funding Request: \$150,000.00

### Improve Thorne Bay Road Safety

*Thorne Bay Road Safety Improvements*

*City of Thorne Bay, Alaska*

*EIN: 92-0088485*

Project is listed as #2 Transportation project on the City's FY10 Strategic Plan.

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A - Total Project Cost	<b>\$750,000</b>	<p><b>Phase I</b> Fully Funded - South Thorne Bay roads brushing, ditching, widening roads, culvert installation, eliminating hazardous / narrow roadways, creating turnouts on one lane roadways, etc.</p> <p><b>Phase II</b> Unfunded - road improvements within the Steep Road and Goose Creek Subdivisions.</p> <p><b>Phase III</b> Unfunded - Drilling, blasting, crushing, hauling and spreading of ~20,000 cubic yards of surfacing material and / or paving of remaining municipal roads</p>
B - Secured Funding	<b>\$262,397.58</b>	<ul style="list-style-type: none"> <li>• FY08 Legislative Grant - \$191,000.00</li> <li>• FY09 Legislative Re-appropriation - \$71,397.58</li> </ul>
C - SOA Funding Request	<b>\$150,000.00</b>	
D - Other Funding Sources		Project did not make it through the SE AK STIP process for ADOT&F inclusion during FY10.
E - Unsecured Funding	<b>\$337,602.42</b>	

**Potential Additional State Funding Requests:**

The City of Thorne Bay may be requesting additional funding requests during FY11 and FY12 depending on the success of additional grant funding applications.

**Top Level Project Timeline:**

**FY09 / FY10** (Fall 2008 – Fall 2009) Phase I roads improved within the South Thorne Bay Subdivision including widening, decreasing steep grades, improving site distances, partial construction of Choker Setter Circle Rd and significant road improvements surrounding Davidson Landing Harbor.

**FY10** (Fall / Winter 2009) – securing of additional funding through SOA Legislative and ADOT&PF.

**FY10** (Spring / Summer 2010) – Preliminary design of construction improvements for the Steep Road and Goose Creek Subdivisions through FY09 Legislative re-appropriation funds.

**FY10** (Summer / Fall 2010) Preliminary construction improvements for Steep Road and Goose Creek utilizing remaining re-appropriated funds. If additional funding is secured, drilling / blasting / hauling / spreading or suitable surfacing materials will occur at this stage as well as will limited paving projects.

**Detailed Project Funding Data:**

\$191,000.00 - Legislative Appropriation (no administrative cost or matching cost share involved)

\$71,397.58 - Legislative Re-appropriation from construction of the Thorne Bay Medevac Helipad (FY07 Leg)

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**Primary Contact:**

Justin Sornsins, City Administrator

[administrator@thornebay-ak.gov](mailto:administrator@thornebay-ak.gov), (907) 254-0007