

**Agency: Commerce, Community and Economic Development****Grants to Municipalities (AS 37.05.315)****Grant Recipient: Thorne Bay****Federal Tax ID: 92-0088485****Project Title:****Project Type:** Remodel, Reconstruction and Upgrades

# Thorne Bay - Sandy Beach Road Repair & Improvements

**State Funding Requested: \$273,000****House District: 1 / A**

Future Funding May Be Requested

**Brief Project Description:**

Funding will be utilized to improve existing roads inside Thorne Bay to improve site distances, surfacing, grade, etc.

**Funding Plan:**

Total Project Cost: \$273,000

Funding Already Secured: (\$0)

FY2013 State Funding Request: (\$273,000)

Project Deficit: \$0

*Funding Details:*

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

\$150,000 Legislative Grant for road improvements

**Detailed Project Description and Justification:**

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.

South Thorne Bay roads were originally constructed as logging roads and were converted to residential use when the State platted the lots now in South Thorne Bay. They were roads were platted as public roads but never constructed to any standard prior to sale of lots by the State of Alaska. The City of Thorne Bay has been trying to make upgrades as funding has become available through outside sources such as the State grants. 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. In the last year the City of Thorne Bay has been successful in creating partnerships with some of the landowners to assist with the improvements helping stretch the dollars.

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 FY12 grant request of \$273,000 is for funding to complete work on the section of road adjacent to the Thorne Bay School (Sandy Beach Road). Plans and Specifications have been completed for the Sandy Beach Road by the Forest Service as part of the Sandy Beach Road upgrade. However this project has dropped in priority leaving road improvements unfinished. Due to the school facility and the high use of Sandy Beach road (logging trucks, etc) the roadway adjacent to the school has become an extremely dangerous area. The City has tried in recent years to make minor upgrades but has no financial means to make the major improvements provided for on the plans which include widening, constructing a retaining wall, utility re-locations and paving. All work is within the existing right-of-way.

The City is also going to be seeking \$100,000 in funding through the Safe Routes to School to assist with providing a sidewalk along the school side of the roadway which will connect with the City basketball courts and ballfield.

In both funding requests the City will be partnering with the contractors to provide some material, labor and equipment.

FY13 funding would be used specifically for construction based off the plans and specifications completed for this section of roadway.

Bidding would be Summer/Fall of 2012 with construction commencing Spring and Summer of 2012 with project completion prior to start of school in Fall of 2013.

The City will continue to seek additional funding to assist with road improvement that will provide for a safe and secure transportation system.

**Scope of Project:**

Phase I \$273,000 estimate cost for construction Spring and Summer of 2013 (Legislative funding dependent)

Phase II \$100,000 estimate cost for construction of sidewalks (Legislative or other funding dependent)

Both estimates are based on ADOT-PF road construction costs and utility re-locations.

**Project Timeline:**

FY13 Legislative funding Summer/Fall 2012 Bidding and selection of contractor

FY13 Legislative Funding Expenditures will occur Spring/Summer 2013 for construction with completion of project in the fall of 2013

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

City

**Grant Recipient Contact Information:**

Name: Wayne Benner  
Title: City Administrator  
Address: PO Box 19110  
Thorne Bay, Alaska 99919  
Phone Number: (907)828-3380  
Email: administrator@thornebay-ak.gov

## Total Project Snapshot Report

2012 Legislature

TPS Report 53242v1

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

# 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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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.

A - Total Project Cost	<b>\$750,000</b>	<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.  <b>Phase II</b> Unfunded - road improvements within the Steep Road and Goose Creek Subdivisions.  <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
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)

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 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.

**Primary Contact:**

Justin Sornsins, City Administrator

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

# 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**

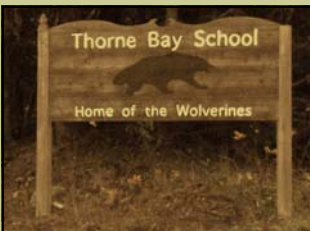
**Opportunity:** Improved safety, quicker emergency response, reduced commute time to town, improved maintenance capacity.

**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.

