

RCUD 11/21/08

# CITY OF THORNE BAY



*Thorne Bay Prince of Wales Island - Alaska*



*Photo by Pat Rochester*

## “MOVING FORWARD”

The City of Thorne Bay has developed a proactive strategic plan to identify opportunities to increase its population and tax base, encourage and promote sustainable economic development projects and continue upgrading its infrastructure to move our community forward.

Our Overall Economic Development Plan (OEDP) lists 20-25 economic and community development projects identified through the public process. During the last year, many of these projects have been completed; including construction of a new harbor shack and public restroom, installation of a dock hoist for commercial and residential harbor users, upgrades to our harbor electrical system, and construction of a medivac helipad landing site.

The City is currently moving forward on three major Capital Improvement Projects:

- Upgrades to the Thorne Bay Water Treatment System \$620,500
- Construction of Davidson Landing Harbor in South Thorne Bay \$250,000 to 500,000
- Upgrades to the South Thorne Bay Subdivision Roads \$100,000

The City has set a benchmark for project completion and success over the previous 2 years by outlining realistic and sustainable goals, administratively and financially each project, and accurately fulfilling grant requirements.

The following pages outline past successes, current projects and future opportunities the City will be focusing on in the forthcoming years to achieve our goal of ...“MOVING FORWARD.”

# PAST SUCCESS

## MEDEVAC HELIPAD



**Problem:** Limited emergency medical evacuation access for N. POW Island communities.

**Solution:** Helipad provides year round landing site for emergency transport, Coast Guard training, commercial and personal use. Funding provided through a 2004 SOA Legislative Grant. Project complete spring 2008.

**Opportunity:** Partnership with Guardian Flight for improved emergency services in Thorne Bay.

Re-appropriate remaining project funds (\$70,000) to road safety improvements in South Thorne Bay Subdivision.

## HARBOR SHACK & PUBLIC RESTROOM



**Problem:** No public restroom, no public shower and an inadequate harbor master facility.

**Solution:** Utilizing a 2006 and a 2007 SOA Legislative grant, the City constructed an ADA accessible public restroom and shower facility.

- Concrete block
- Stainless Steel fixtures
- Local-hewn red cedar deck

**Opportunity:** Improved sanitation for all harbor users.



## NEWS

Thorne Bay's harbor is now a WiFi Hotspot for wireless internet!

## DOCK HOIST



A 2-ton jib crane was installed at the harbor through a 2008 SOA Legislative grant. Project complete fall 2008.

## HARBOR ELECTRIC



Using a 2006 SOA Legislative grant, the City replaced all of the power distribution pedestals at the harbor. Upgrade allows the City to convey metered power distribution to Alaska Power and Telephone, Co. Project complete fall 2008.

# WATER TREATMENT

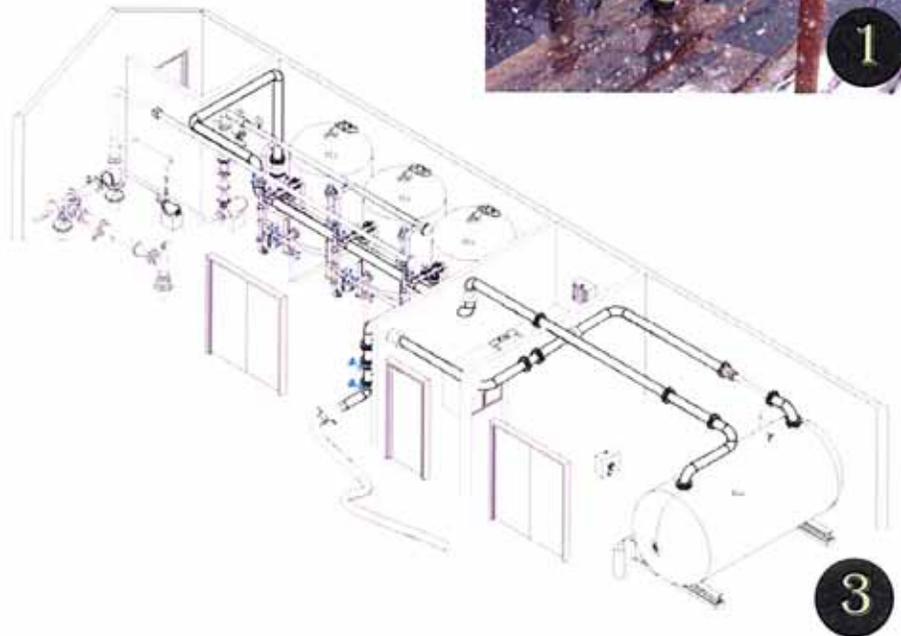
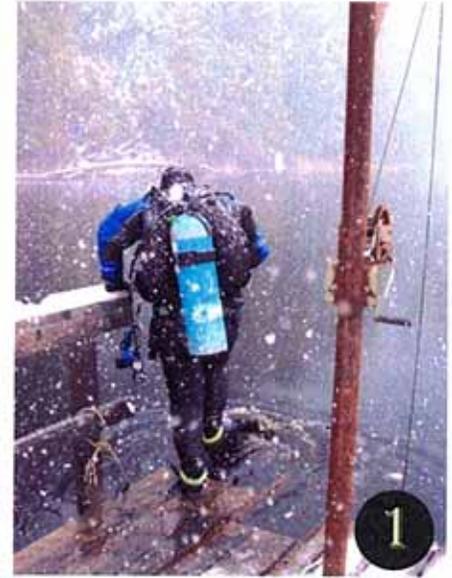


**Problem:** High levels of organic matter passing through water treatment filtration processes affecting water quality.

**Solution:** Using a \$626,500 Village Safe Water grant to address five areas of improving water quality and public health.

1. Restructure source water intake to limit entry of organics
2. Purge water transmission line to eliminate existing organics
3. Install modern filtration equipment
4. Clean storage tank and purge distribution and service lines
5. Install back-up power generator for emergencies

**Opportunity:** Fulfill FY08 OEDP #1 Community Development project. Provide clean and safe potable water to improve public health.



**Participants:**

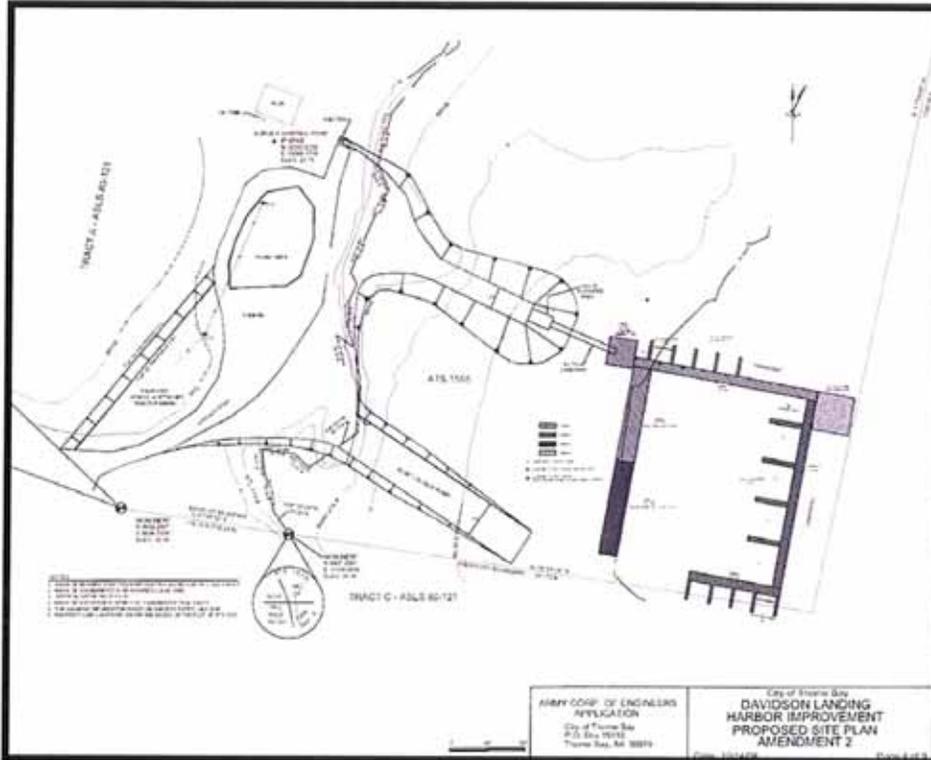
- Alaska Village Safe Water Program
- CE2 Engineers, Inc.
- DEC Remote Maintenance Worker Program
- DCCED Rural Business Advisor Program

**Status:** 60% complete

Water tank cleaning scheduled for December 2008.

Phase II Construction scheduled February / March 2009.

# DAVIDSON LANDING



**Current Funding Sources:**  
SOA Legislative—\$73,000

AK DOTPF—\$166,000  
City Match—\$166,000

Denali Commission—\$100,000  
City Match—\$168,000

**TOTAL: \$673,000**

**Problem:** Unsafe, inadequate harbor facility in South Thorne Bay.

**Solution:** The City began construction Phases I and II of a new 48-slip facility in September 2008.

**Major Improvements:**

- 24' x 250' rock-fill approach
- 25' x 10' wood pier
- 6' x 75' aluminum gangway
- 200' x 25' wooden skiff haul-out float
- 500' of main walkway floats
- Finger floats to accommodate vessels between 17' and 50'+ in length

**Opportunity:** Provide a safe harbor facility and increase revenue.

**Phase III & IV Funding Needed:**  
**\$250,000—\$500,000**



## NEWS

For the latest project updates, employee listings, Council agendas and community links visit:

[www.thornebay-ak.gov](http://www.thornebay-ak.gov)



# THORNE BAY ROADS

## SOUTH THORNE BAY SUBDIVISION

**Problem:** 10 miles of narrow and hazardous roads throughout the South Thorne Bay Subdivision.

**Solution:** 2008 SOA Legislative grant used for:

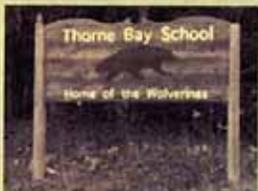
- Brushing, widening and ditching of roads
- Replacing failed culverts
- Increasing visibility
- Fixing failed slopes and steep inclines

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



### Funding Needed:

- Reallocation of remaining helipad grant funds to road project
- Additional \$100,000 for D1 topping material



## 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.

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



**Funding Needed:**  
**\$35,000**

# SOLID WASTE SITE



Existing cell reaching fill capacity.

## Communities Served :

Thorne Bay, South Thorne Bay, City of Kasaan  
City of Coffman Cove, Whale Pass, Naukati,

**Problem:** Need to close existing cell and open new cell in the next 2 years.

**Solution:** Purchase excavator for in-house earth moving.

## Opportunity:

- Cost-savings vs. rental or private contractor
- Continue providing only in-ground landfill on POW
- Reduce solid waste transportation costs for surrounding communities
- Improve recycling efforts on POW
- New cell = 30+ years of landfill capacity



## Funding Needed:

- \$125,000 Excavator purchase
- \$50,000 survey and design



## Excavator Comparison Options (1000 hours of use):

- Purchase excavator @ \$125,000 with absorbed fuel, labor and maintenance overhead  
\*Equipment sold or retained after project completion
- Contractor @ \$140 / hour = \$140,000 with no additional overhead  
\*No equipment retained after project completion
- Excavator rental @ \$94.50/ hour = \$94,500 with absorbed fuel, labor and maintenance overhead  
\*No equipment retained after project completion



# DOWNTOWN DEVELOPMENT



**Problem:** Population is decreasing and small businesses are closing. The downtown area is severely underutilized.

**Solution:** Revitalize this section of town. Sell or use 8 ocean-front lots and the former KPC building. Increase sales tax revenue, provide employment for residents and offer an area for growth along Thorne Bay's waterfront—its greatest asset.

**Opportunity:** Businesses could include container repair, a regional vocational education training facility, warehouse / storage units, restaurant, lodge, fish processing / cold storage, or an expanded commercial docking facility. The possibilities are infinite.

## FORMER KPC BUILDING



- 14,231 square foot building on .9 acre lot

### Upgrades Required:

- Roof Repair
- Mechanical Systems
  1. Fire suppression
  2. Energy efficiency
- Exterior Siding

**Funding Needed: \$200,000**



Panoramic view from downtown.

# OCEANVIEW SUBDIVISION



**Problem:** Limited residential property available.

**Solution:** Purchase 50+ acres of DNR land. Develop plan for roads and utilities. Sell 30 view and ocean front lots.

**Opportunity:** Increase utility base, provide high value property for sale and increase population.



**City Funding: \$270,000 Land Purchase**

**Funding Needed: \$250,000 Design and Engineering**



# MULTI-USE FACILITY

**Problem:** Several aging facilities with numerous mechanical problems have separate operation, maintenance and overhead costs. All facilities in need of major repair or replacement.

**Solution:** Construct a new multi-use facility to accommodate:

1. City Hall
2. Clinic
3. Community Building
4. Library

**Opportunity:**

- Build on City owned property (*pictured below*)
- Improve energy efficiency
- Decrease annual operations costs
- Better management of limited resources for many community needs

**Funding Needed:**

- \$25,000 Conceptual Design
- \$75,000 Design and Engineering



## OTHER PROJECTS “MOVING FORWARD”

- Comprehensive Land Management Plan
  1. Water Front Master Plan
  2. Comprehensive Sanitation Plan
  3. Review of Zoning Regulation
- City Revenue Policy Review
- Woody Biomass Industry Development
- Sortyard Development
- Vocational Education Development
- Goose Creek Subdivision Road and Telephone Service Improvements
- Tolstoi Deep Water Port and Regional Solid Waste Facility

