



Southcoast Region

Director's Quarterly

Alaska Department of Transportation & Public Facilities

Fall Edition

October 2016

DIRECTOR'S MESSAGE



Michael J. Coffey

Southcoast Region director, is a degreed engineer from Humboldt State University & has over 30 years of maintenance, operations, design & construction experience with the Alaska Department of Transportation & Public Facilities (DOT&PF).

Winter came a bit early to Southcoast Region this year with Juneau seeing snow before Fairbanks for the first time in over 70 years. It wasn't a problem though, our highly dedicated maintenance crews were ready.

At the Alaska Department of Transportation & Public Facilities (ADOT&PF) summer maintenance equipment such as brush cutting tools & pot-hole patching equipment are cleaned & stored. The department's trucks have been converted back into snow plows & equipped with plows on the front, blades underneath, & storage for either sand or anti-icing materials in the bed. Our innovative, highly efficient Tow-Plows are also prepared & ready to go.

The department's State Equipment Fleet has also taken the time to check each vehicle's condition. From tire pressure & fluid levels to belts, hoses & filters, the department's equipment operators know that a well-maintained vehicle is critical to safe winter travel.

Here are a few tips so you too can be ready for winter driving.

Start by making sure your vehicle is properly equipped for winter driving conditions. Consider studded tires, which are now legal to use across the state.

It is also wise to read the owner's manual of your vehicle & check the following:		Additionally, anyone traveling in Alaska during winter should also carry extra items such as	
• tire pressure	• antifreeze	• flares & candles • blankets • food & water • shovel	
• defroster & heater	• belts & hoses		
• battery & lights	• brakes & brake fluid		
• motor oil & filters	• wiper blades & washer fluid.		

When driving, follow these four tips to a safer winter commute:

- 1) Give yourself extra time
- 2) Clear all snow & ice from the outside of your vehicle
- 3) Use your headlights
- 4) Allow more room between you & the vehicle in front of you.

If roads are impassable, consider staying home until maintenance crews clear the road or conditions improve. In most communities across Southcoast Region the maintenance crews are responsible for both the airport & state roads. This requires the crew on shift to bounce between clearing runways for commercial flights & plowing roads, often multiple times per day. During a winter storm, response times to clear state roads may vary. Storms vary widely in their characteristics & winter maintenance activities must adjust based upon the timing, intensity, duration of the storm, temperature, humidity, wind conditions & the nature of the precipitation.

While winter storms may at times temporarily overtake snow & ice control operations, our maintenance crews will continue to strive to provide the highest level of service possible for the communities where they call home.

Your safety is our priority at ADOT&PF. By working together we can all look forward to a safer winter on Alaska's roads & highways.

CONSTRUCTION

Juneau - Mendenhall Valley Adaptive Traffic Signal Control System

The new Mendenhall Valley adaptive traffic signal control system project has been completed. It will operate weekdays between 7:00 a.m. & 7:00 p.m. at five traffic signals comprising the Valley network (Riverside & Egan, Riverside & Mall Road, Loop & Mall Road, Loop & Egan, & "McNugget").

The adaptive feature will adjust traffic signal green times to keep traffic moving as volumes fluctuate, with the goal of maximizing throughput to mainline traffic without excessive adverse impact (delay) to side streets.

During weekends & on weekdays between 7:00 p.m. & 7:00 a.m., the five signals in the Valley network will not be in coordination & will "run free", i.e., signal timing will be based on vehicle detection.



The adaptive project includes installation of pan-tilt-zoom cameras at the intersections comprising the Valley traffic signal network. This enables traffic operations managers to monitor their performance & take proactive measures to respond to problems. No video will be recorded.

NOTE:

The system is running in test mode for up to two weeks as traffic operations personnel monitor the system to ensure its stability.

PROJECT AWARDS & FUNDING

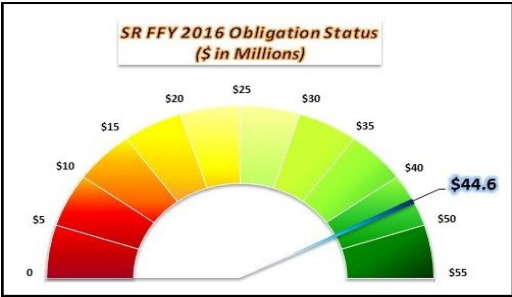
Fiscal Year 2016 Project Funding

Total funds SR obligated to date

\$44,599,966.93

Of which: AMHS = **\$3,431,618.37**

Currently no funds are pending approval.



Project Awards

For FY16, the Southcoast Region advertised 31 construction projects, & awarded 30 projects totaling \$131,837,088. Those projects included improvements to highways, airports, bridges, harbors, AMHS terminals & ferries. For the start of FY17, the Region awarded 4 additional projects valued at \$19,272,031, and we currently have two more advertising.

No projects were awarded in October.

Project Name	Award Date	Winning Bidder	# of Bidders	Awarded	Bid Amount in \$
KTN: Trollers Creek Bridge Replacement	8/17/16	Orion Marine Contractors	7	Yes	\$1,549,850
Cold Bay Airport Improvements	8/22/16	Knik Construction	3	Yes	\$13,242,749
KTN: North Tongass Hwy Illumination	8/23/16	Swanson General Construction	3	Yes	\$4,163,270
JNU: Glacier Highway Safety Improvements	8/26/16	Glacier State Contractors	1	Yes	\$316,162
SGY: Replace Captain William Henry Moore Bridge	Currently Advertising				
Yakutat Highway Fish Passage Improvements	Currently Advertising				
Total Projects Awarded for FY17			4		\$19,272,031

IMPORTANT LINKS

- Alaska Navigator for Southcoast Region
- Subscribe to receive news & updates via email
- Access department news & updates on Facebook & Twitter
- Get the scoop on Southcoast Region projects

alaskanavigator.org
public.govdelivery.com/accounts/AKDOT/subscriber/new?
[@AlaskaDOTPF](https://www.facebook.com/AlaskaDOTPF)
<http://dot.alaska.gov/projects-status/>

PRECONSTRUCTION

Ketchikan to Shelter Cove Road, Stage 2

The Shelter Cove road project will extend the Ketchikan road system from the end of Revilla Road near Harriet Hunt Lake to Shelter Cove on Carroll Inlet. The Project will provide public access to the existing Shelter Cove area logging road system, thereby expanding Ketchikan’s recreational & subsistence activities.

In May of 2016, a contract to construct Shelter Cove road was awarded to Miller Construction of Juneau, Alaska in the amount of \$11,473,390. Construction of approximately 7.5 miles of new 14 ft wide single lane road was begun in July 2016.

As of Oct 21, the project status is: Starting from the Ketchikan side, the Contractor has completed 2.5 miles of clearing, 2.0 miles of grubbing & 1.5 miles of pioneer road. Culvert installation work is expected to begin very soon The prime contractor is working on an agreement with a subcontractor to begin construction of pioneer road starting from the Shelter Cove side of the project. 1.17 miles of the roadway corridor has been cleared from the Shelter Cove side.

Weather permitting; the current schedule is to work until December 17, 2016 with a short recess during the Thanksgiving Holiday. Miller Construction is scheduled to remobilize to the site in February of 2017 & complete the project on-time by October 31, 2017.



Shelter Cove Road – Pioneer road construction in progress

CONSTRUCTION PROJECTS

Projects through Final Inspection

- PSG Nordic Dr. Refurb. (Haugen - Ferry Terminal)
- PSG Haugen Dr. Bike Path Improvement
- POW Hydaburg Rd Pavement Rehabilitation

Projects in Construction

- Angoon Ferry Terminal Passenger Facility
- Baranof Warm Springs Harbor Improvement
- Chignik Public Dock
- Cold Bay Airport Improvement
- JNU Egan Drive 10th - Loop Pavement Rehabilitation
- JNU Egan & Salmon Creek Intersection Safety Improvement
- JNU Glacier Highway Safety Improvement
- JNU Mendenhall Valley Adaptive Traffic Signal Control System
- Kake Ferry Term. Passenger Facility
- KTN Airport ARFF Buildings
- KTN Gravina Mill Access Road
- KTN N. Tongass Illumination
- KTN Shelter Cove Road (stage 2)
- KTN Troller’s Creek Bridge Replacement.
- KTN Water St. Trestle Replacement



Shelter Cove Rd slope failure after over 2.5 inches of rain in 12 hours.



KTN Water St : preparing for the 1st girder launch

MEET THE SOUTHCOAST REGION

Garrett Paul

Garrett Paul was promoted to Southcoast Region Construction Project Manager (ENG II) on October 3, 2016. Please welcome Garrett home to Juneau.

Garrett is a 2003 graduate of Juneau-Douglas High School. He received a Bachelor of Science Degree in Civil Engineering from the Oregon Institute of Technology, Klamath Falls OR in June 2009 & was awarded his Alaska Professional Engineering license in June 2014.

He started with AK DOT&PF in 2009 & worked his way through the Engineer in Training Program (EA I/II/III). Prior to his latest promotion, Garrett was an Engineer I in Central Region’s Preliminary Design & Environmental Section.

We are very excited to have Garrett on our team.



MAINTENANCE & OPERATIONS

American Airlines Flight 288 Diverted to Cold Bay

On October 12, 2016, at approx. 8:12 a.m., Cold Bay Airport Manager Harold (Hap) Kramer received a call from Cold Bay Radio reporting that inbound American Airlines (AA) flight 288 was coming to Cold Bay for an emergency landing. At 8:18 a.m. John Mathews from AA called in the emergency inbound Boeing 787-8 with right engine failure, 100 passengers, 14 crew & ETA of 1 hour 20 minutes.



Cold Bay Airport Manager Harold (Hap) Kremer & SEF David Lyons respond to AA Flight 288 emergency landing

The Cold Bay M&O crew started preparing for the aircraft by making calls to City of Cold Bay to request that they set up a recovery center & clinic, & for Izembeck Refuge to act as Security / Transportation. Additionally, State Equipment Fleet Mechanic David Lyons prepared Engine 26 for the inbound emergency. Hap also contacted Tina Bergam, State DOT project engineer to assume the position of emergency information desk contact, in which she provided much needed help.

At 9:39 a.m. AA 288 landed without incident. Shortly thereafter the Aircraft Rescue & Fire Fighting (ARFF) crew, David Lyons, Bill King, & Hap responded to the aircraft to complete the drive-by inspection. Seeing no physical damage to the aircraft, PenAir helped by placing the emergency stairs. In coordination with the flight crew, the ARFF crew completed a walk around inspection of the aircraft. After which the pilot announced that the passengers could get off the plane & stretch their legs. The Coast Guard hanger was utilized as a staging area.

At approximately 6:22 p.m. an Alaska Airlines charter arrived to transport the passengers & their luggage to Anchorage. The DOT&PF Cold Bay staff did an excellent job along with the community in responding & assisting passengers until an alternative aircraft was able to provide transportation to Anchorage.

A Message from American Airlines Rep Raj Sidhum, Manger Customer Care – International Chicago, O'Hare to Hap:

“Warm greetings from Chicago .Even though there are not enough words to say thanks to you but still I would like to say thanks from the bottom of my heart to you & your team in all the assistance & support you provided on October 12 when our flight AA 288 diverted to your airport. You were a God sent angel to us. All the communication means you provided us helped us to plan & take care of our customers. Looking back at it I can confidently say there could not have been better airport for us to divert. I feel happy & blessed to meet such a great helpful people. Anything we can do will be our pleasure. Once again please accept our thanks & we look forward to meet with you under better & relaxed conditions.”