



# City of Homer

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

## Office of the City Manager

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### MANAGERS REPORT

August 12, 2013

**TO:** MAYOR WYTHER / HOMER CITY COUNCIL

**FROM:** WALT WREDE

UPDATES / FOLLOW-UP

#### Capital Projects

On August 12, the Council will have a 4 PM work session on the City's CIP List. This work session will provide a foundation and good starting point for the larger CIP planning exercise that will occur on Saturday, August 17. As part of the preparation for these discussions, I thought it would be a good idea to devote this report to capital projects. Attached is a copy of the City Capital Project Update which you received at the last meeting. We did not have time to discuss it in any detail and I expect that you might have questions. I also attached project descriptions of DOT/PF projects for this year and next for your information. These handouts were available at the DOT/PF Open House which occurred on the 5<sup>th</sup>. Hopefully all of this will contribute to the broader discussion about future CIP priorities.

As you know, the DOT/PF Commissioner was here as part of the Governor's picnic. We took him on a tour of City infrastructure. The Commissioner needs to get his draft budget for next year to the Governor by the end of this month. Apparently, the Governor has moved his budget schedule up a bit. Therefore, in order to have a chance to have any projects in the Commissioner's draft budget, we must get our "asks" in almost immediately. We will do so by letter and we will emphasize Main Street upgrades, intersection improvements and including the Deep Water Dock in the bill if there is any talk about a statewide port and harbor bond sale. We can discuss all of this in more detail at the meeting.

#### ATTACHMENTS

1. August Employee Anniversaries
2. Current City Capital Projects
3. DOT/PF Capital Projects



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## Memorandum

TO: MAYOR WYTHE AND CITY COUNCIL  
FROM: Walt Wrede  
DATE: August 8, 2013  
SUBJECT: August Employee Anniversaries

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I would like to take the time to thank the following employees for the dedication, commitment and service they have provided the City and taxpayers of Homer over the years.

<b>Rusty Cheney,</b>	<b>Public Works</b>	<b>30 Years</b>
<b>Dan Gardner,</b>	<b>Public Works</b>	<b>22 Years</b>
<b>Carey Meyer,</b>	<b>Public Works</b>	<b>14 Years</b>
<b>Bob Kosiorek,</b>	<b>Public Works</b>	<b>11 Years</b>
<b>Dotti Harness,</b>	<b>Planning</b>	<b>8 Years</b>
<b>Dale Bothell,</b>	<b>Public Works</b>	<b>3 Years</b>
<b>Joe Inglis,</b>	<b>Public Works</b>	<b>2 Years</b>
<b>Eve Dickmann,</b>	<b>Police</b>	<b>1 Year</b>

# STATUS REPORT - CAPITAL PROJECTS

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City of Homer - Public Works Department - July 2013

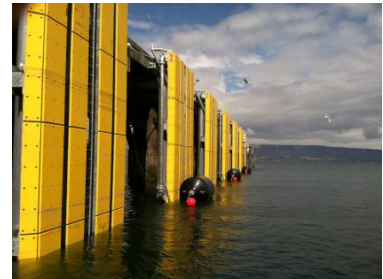
The following projects have been completed this year or are under construction:

**Homer Natural Gas Trunk Line Extension** – The gas trunk line from Anchor Point through Homer is more than 50% complete. The trunk line is expected to be complete this year.

**Homer Natural Gas Main Extensions** – The first year's construction of the gas mains in the "core" area has begun. The work is progressing generally from west to east, with service lines being install as mains are being completed. All core area gas main are expected to be complete this year.

**City Building Conversions to Natural Gas** – Cost estimates and funding has been established by the City Council to convert key City facilities that will have access to natural gas this year. These facilities include the sewer treatment plant, public works, animal shelter, library, city hall, and airport terminal. Conversion should be completed this winter.

**Deep Water Dock Fender Replacement** – New heavy-duty fenders and floating camels were installed on the face of the Deep Water Dock by Jay-Brant General Contractors. This work is funded by cruise ship passenger head tax revenues.



**Downtown Restrooms** – Foundation work has begun on the restroom at the intersection of Pioneer Avenue and Bartlett Street. Construction on the restroom planned for WKFL Park will begin in the next few weeks. This work is funded by cruise ship passenger head tax revenues. The work is being competed by Steiner's North Star Construction.

**Spit Restrooms** – The restroom at the approach to the Deep Water Dock has begun with the foundation and utility services complete. This facility will also include a guard shack and a shelter for cruise ship passengers. The foundation for a second restroom at the End of the Road Park is also underway. This work is funded by cruise ship passenger head tax revenues. The work is being competed by Steiner's North Star Construction.



**DWD Trail/Cruise Ship Bus Staging Area** – The construction contract for this project has been awarded to North Star Paving and Construction. Work will start after Labor Day to minimize impacts to summer activities on the Spit. The Staging area will be paved this summer, with the trail being completed early next summer. This work is funded by cruise ship passenger head tax revenues.

**Spit Trail Extension** – The construction contract for this project has also been awarded to North Star Paving and Construction. Work will start after Labor Day to minimize impacts to summer activities on the Spit. The paving of the End of the Road Park parking improvements will be completed this summer, with the trail being completed early next summer. This work is funded by cruise ship passenger head tax revenues provided through ADOT.

**Spit Trail Boardwalk Replacement Project** – The construction contract for this project has been awarded to Puffin Electric. Work will start after Labor Day to minimize impacts to summer activities on the Spit. The improvements will be completed this summer. This work is funded by cruise ship passenger head tax revenues provided through ADOT.

## STATUS REPORT - CAPITAL PROJECTS

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**Harbor Entrance Shore Protection Improvements** – Bids for the construction of this project will be opened this month. Work will start after Labor Day to minimize impacts to summer activities on the Spit. This shore protection will solve shore erosion problem and allow for the Coal Point Trail to be constructed (providing access from the proposed Spit Trail to Coal Point Park. This work is funded by cruise ship passenger head tax revenues provided through ADOT.



**City Beautification Project** – The Parks and Recreation Department has again provided thousands of plants for City flower beds and local business barrels and planting areas. The crews at Parks and Recreation will also be planting 200 peony bushes around town - donated by a local commercial grower. Weeding and watering of these beds will continue throughout the summer.

**2013 Street Repaving Project** – Due to very wet weather at the end of the 2012 construction season, this project was postponed until this year. Various local streets were repaved, including portions of Soundview, Fish Dock Road, Ice Dock Road, Smokey Bay Way, Klondike Avenue, W. Fairview, town Heights Lane, Greatland Street, and FAA Drive.

**Karen Hornaday Park Picnic Shelter Improvement** – The last item of Phase I of the Karen Hornaday Park Improvements is the construction of a new picnic shelter. With the Help of the Karen Hornaday Park Committee, Public Works is bidding the construction of this facility. The shelter will be constructed after Labor Day.

**Beluga Slough Trail Improvement** – This project was constructed in 2012, the only remaining work is to install interpretive signing. The U.S. Fish and Wildlife Service is assisting in the design this signage and they should be installed before the end of the summer.



**Small Boat Harbor System 5 Electrical Improvements** – This project will be constructed this Fall. The project is funded 50% by State grant; 50% by City bond proceeds. The work will provide improved water and electrical service to the large commercial vessels that moor at this facility.

**Small Boat Harbor Float Replacement** – This project will be constructed next year. Design is almost complete; bidding will be initiated in August. The project is funded 50% by State grant; 50% by City bond proceeds. The work will provide improved floats in the Small Boat Harbor, including A, J, R, and S float replacement; and utility improvements.

**Small Boat Harbor Ramp 3 Replacement** – This project will be constructed next year. Design is almost complete; bidding will be initiated in August. The project is funded 50% by State grant; 50% by City bond proceeds. The work will consist of the removal of the existing approach trestle and ramp and construction of a new shorted trestle and longer covered ramp.

**Crittenden Road/Waddell Street Paving Project** – This project was approved by a majority of benefiting property owners. The work consists of improving road and drainage to Urban road standards. The project is funded by property owner assessments and contributions from the Homer Accelerated Road and Trail Program (HART)

## STATUS REPORT - CAPITAL PROJECTS

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**Redwood Tank Demolition** – Although the identification of asbestos in the roof of this facility has complicated its removal, this 40 year old wood tank is scheduled for demolition this year.

**Sewer Treatment Plant Headworks Intake Screen Replacement** – The original treatment plant headworks (screening and solids removal at the beginning of the sewer treatment process) is being upgraded to facilitate better treatment.

**Library Vestibule Improvements** – Improvements have been made to the library vestibule to reduce noise and increase energy efficiency at the library. The improvements included sealing the partition between the hallway and the arctic entry and creating soffits over the beams that extended through the partition.

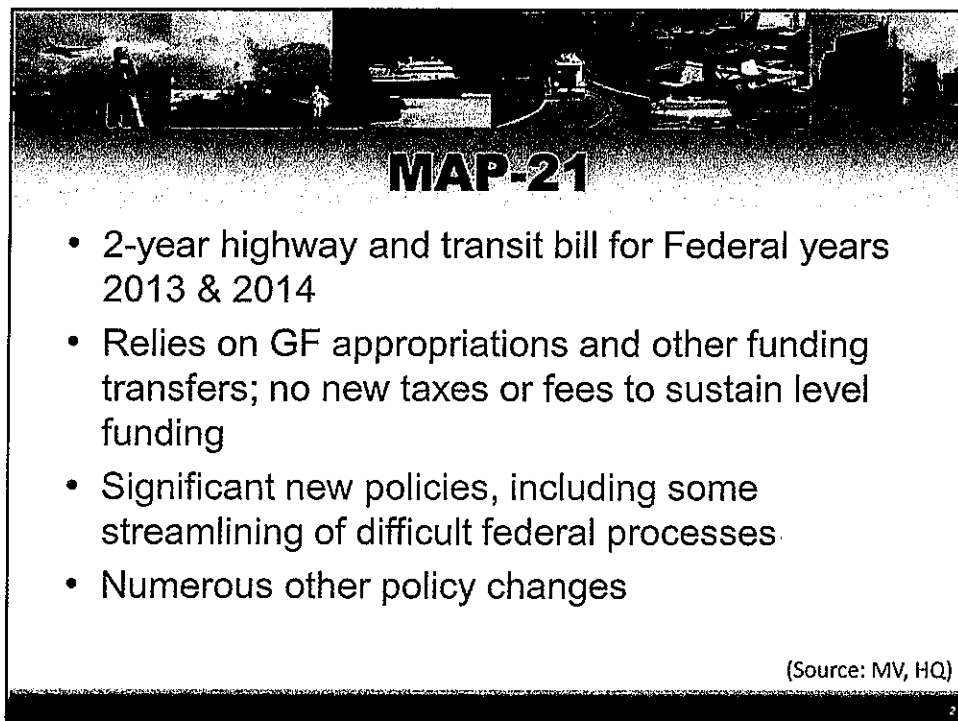
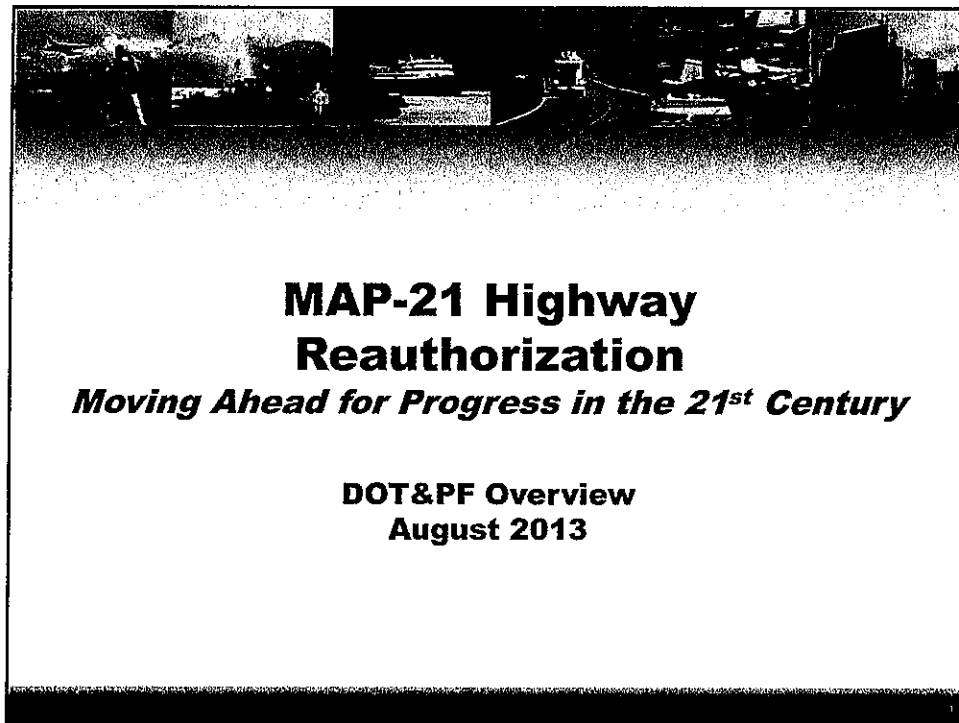



**The following projects are in the process of being designed:**

- New Water Storage Tank
- Shellfish Water Main Extension
- Kachemak Drive (Phase III) Water Main Extension
- Homer Spit Cast Iron Water Main Replacement

**The design of the following projects is anticipated to begin soon:**


- New Harbormaster's Office Building
- New Satellite Fire Station at the Water Treatment Plant
- Feasibility Study – Deep Water Dock Expansion
- Homer Spit Barge Haul Out Facility
- Chip Pad Runoff Water Quality Improvements
- Old Town Pedestrian Improvements





### **MAP-21 – National Goals**

- Safety
- Infrastructure Condition
- Congestion Reduction on NHS
- System Reliability
- Freight Movement and Economic Vitality
- Environmental Sustainability
- Reduced Project Delivery Delays



### **MAP-21 Redefines Federal Interest**

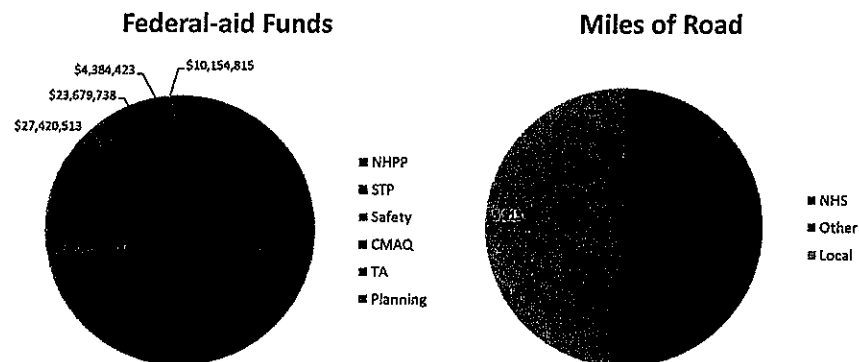
- Federal-Aid System narrowed to just the Interstate and Nat'l Highway routes.
  - NHS broadened to include all Principal Arterials.
  - Added 90 miles (~4%) to Alaska NHS
- 57% of funding focused on the NHS (49% pre-MAP-21)
- 27% of funding focused on lower-tier roads (39% pre-MAP-21)
- 7% of funding directed to safety (+5% sanctions)
- 9% to several other minor categories



## MAP-21 Funding

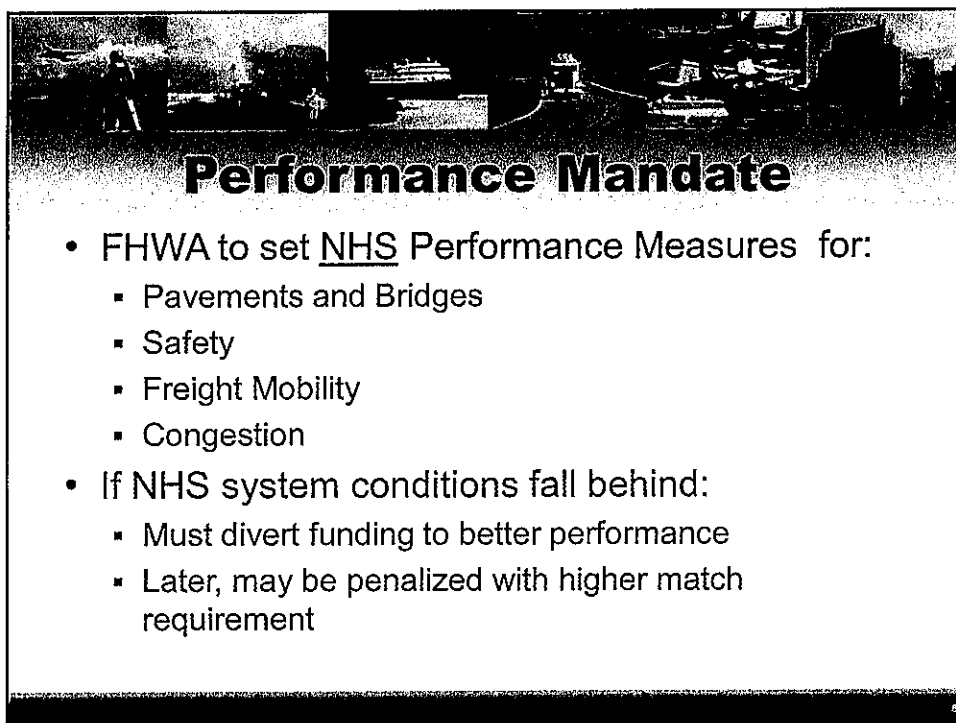
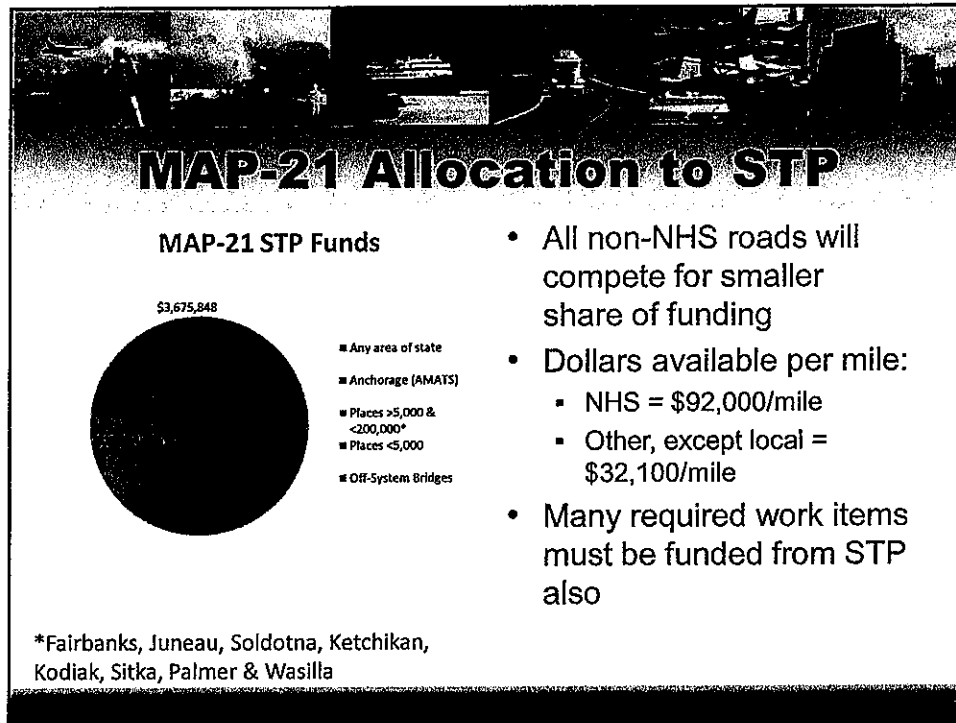
- Highway funding down from \$520 M to \$485 M
  - Similar reduction felt in all other states
- Significant streamlining of funding categories
- New federal priorities:
  - National Highway System (expanded)
  - Highway Safety
  - Meeting performance standards on NHS
  - Urban areas > 200,000 population (Anchorage Only)


## MAP-21 Emphasis is to NHS



18% of Road Miles Garners 57% of Federal-aid Funding








## **MAP-21 Redefines Federal Interest**

- Federal-Aid System narrowed to just the Interstate and Nat'l Highway routes.
  - NHS broadened to include all Principal Arterials
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## **Performance Mandate**

- FHWA to set NHS Performance Measures for:
  - Pavement and Bridges
  - Safety
  - Freight Mobility
  - Congestion
- If NHS system conditions fall behind:
  - Must divert funding to better performance
  - Later, penalized with higher match requirement

## Road projects in the Kenai Peninsula

July 2013

Homer: East End Road MP 3.75-5.5

Federal Funds

DOT&PF Project Manager: Cynthia Ferguson 269-0589

**Scope:** Rehab East End Road from Kachemak to Waterman. Work includes horizontal and vertical curve modification, slope correction, guardrail, striping and signage. Project will also construct pedestrian pathway

**Status:** Appraisal and acquisition 90% complete. Some condemnations anticipated. Construction expected 2014

**Funding/Schedule:**

<u>Year</u>	<u>Phase</u>	<u>Amount (1000's)</u>	<u>Funding Source</u>
FFY 2013	Construction and Utilities	\$8100	STIP 2013-2015

Homer: East End Road MP 12.5-19.6

Federal Funds

DOT&PF Project Manager: Cynthia Ferguson 269-0589

**Scope:** Resurface East End road approx. 7.1 miles. Resurface Old East End road approx. 1.9 miles. Project includes guardrail, digouts, drainage, striping and signage

**Status:** In design. Construction expected 2014

**Funding/Schedule:**

<u>Year</u>	<u>Phase</u>	<u>Amount (1000's)</u>	<u>Funding Source</u>
FFY 2013	All Phases	\$8030	STIP 2013-2015

Homer: Lake Street Rehab

Federal Funds

DOT&PF Project Manager: Sean Baski 269-0547

**Scope:** Rehabilitate pavement of approximately 2,599 feet, construct sidewalks on both sides and provide drainage improvements

**Status:** In design. Public meeting planned August 5, 2013

**Funding/Schedule:**

<u>Year</u>	<u>Phase</u>	<u>Amount (1000's)</u>	<u>Funding Source</u>
FFY 2014	ROW	\$331	STIP 2013-2015
FFY 2015	Construction and Utilities	\$5500	STIP 2013-2015

Kalifornsky Beach Road: MP 16-22.2 Resurfacing/Signalization

Federal Funds

DOT&PF Project Manager: Cynthia Ferguson 269-0589

**Scope:** Repave Kalifornsky Beach road with signals installed at Gaswell and Ciechanski . Improve or replace guardrail, signage, striping and provide upgrades to ADA pedestrian facilities to ensure compliance.

**Status:** Surveying and traffic counts ongoing. In design. Construction expected in 2014

**Funding/Schedule:**

<u>Year</u>	<u>Phase</u>	<u>Amount (1000's)</u>	<u>Funding Source</u>
FFY 2014	Design	\$366	STIP 2013-2015
Kalifornsky Beach Road Pedestrian Pathway			General Funds

DOT&PF Project Manager: Cynthia Ferguson 269-0589

**Scope:** Construct Pedestrian Pathway along the north side of Kalifornsky Beach Road from Cannery Road to the existing pathway, approx. 1.9 miles

**Status:** Project is advertised.

**Funding/Schedule:**

<u>Year</u>	<u>Phase</u>	<u>Amount (1000's)</u>	<u>Funding Source</u>
FFY 2013	All Phases	\$2800	STIP 2013-2015
Kenai Spur Highway Rehabilitation			GO Bonds

DOT&PF Project Manager: Gerald Welsh 269-0550

**Scope:** Rehabilitate 6 miles of the Kenai Spur Highway from Soldotna to Kenai.

**Status:** Developing cost estimates and fact sheets for area legislators for each alternative. \$20,000,000 available for entire project

Kenai Spur Highway: MP 0-3			Federal Funds
DOT&PF Project Manager: Sean Baski 269-0547			

**Scope:** Preventative maintenance project for resurfacing Kenai Spur Highway from Soldotna Wye, 3 miles towards Kenai. Will also include some guardrail, drainage, curb ramps, traffic loops, signs and striping

**Status:** Advertised in June, Construction ongoing through summer 2013

**Funding/Schedule:**

<u>Year</u>	<u>Phase</u>	<u>Amount (1000's)</u>	<u>Funding Source</u>
FFY 2013	Construction	\$4375.5	STIP 2013-2015
Ninilchik Village Bridge Replacement			Federal Funds

DOT&PF Project Manager: Sean Holland 269-0670

**Scope:** Construct new bridge and provide new approaches and embankment protection.

**Status:** ROW is acquiring parcels and easements

**Funding/Schedule:**

<u>Year</u>	<u>Phase</u>	<u>Amount (1000's)</u>	<u>Funding Source</u>
FFY 2013	All Phases	\$2800	STIP 2013-2015

**Seward Highway Corridor Plan**

**Federal TCSP Grant**

DOT&PF Project Manager: David Post 269-0512

**Scope:** Develop a clear departmental vision for the corridor to guide capital project selection and scoping, aid in management decisions and preserve critical NHS corridor. MP 0-90 and will involve the entire corridor, its current use and likely development. The study will examine land use, alternatives, local and regional plans with significant public involvement.

**Seward Highway : MP 90-117 Route Development Plan**

**Federal Grant**

DOT&PF Project Manager: Thom Schmid 269-0543

**Scope:** Project will document DOT&PF long term vision for the Seward Highway from Girdwood to Anchorage. The final document will define improvements such as those that may be needed to address long term development , traffic growth, safety concerns and includes potential access management strategies.

**Status:** RFP for consultant services advertised in July. Approx 1.5 million available

**Seward Highway: MP17.5-22.5 Pavement Preservation**

**Federal Funds**

DOT&PF Project Manager: Sean Baski 269-0547

**Scope:** Resurface pavement as preventative maintenance project

**Status:** Construction Summer 2013

**Seward Highway: MP17.5-22.5 Reconstruction**

**Federal Funds**

DOT&PF Project Manager: Sean Baski 269-0547

**Scope:** Replace bridge at Victor Creek, rehabilitate 2 bridges over Snow River and will widen shoulders, construct passing lanes where feasible

**Status:** Preparing environmental document. \$20,800,000 needed after 2015 for construction and utilities. Construction anticipated 2017

**Funding/Schedule:**

<u>Year</u>	<u>Phase</u>	<u>Amount (1000's)</u>	<u>Funding Source</u>
FFY 2013	Design	\$1500	STIP 2013-2015

FFY 2014

ROW

\$500

STIP 2013-2015

**Seward Hwy: Avalanche Detection Project MP 21**

Federal Funds

DOT&amp;PF Project Manager: Carla Smith 269-0544

**Scope:** Design, purchase and install infrasonic detection system near mile 21 of the Seward Highway where annual avalanches currently close the highway. This will improve response time and information.

**Status:** In Design. Working out MOA with Alaska Railroad regarding M&O. Construction anticipated 2015

**Funding/Schedule:**

<u>Year</u>	<u>Phase</u>	<u>Amount (1000's)</u>	<u>Funding Source</u>
FFY 2013	Construction and Utilities	\$825	STIP 2013-2015

**Seward Highway Bridges: Trail River, Falls Creek and Ptarmigan Creek**

Federal Funds

DOT&amp;PF Project Manager: Tal Maxwell, Project Manager 288-2204

**Scope:** Replace 3 deficient bridges on the Seward Highway at Trail River, Ptarmigan Creek and Falls Creek.

**Status:** Construction for the replacement of the Seward Highway bridges will be complete July 2013. Live webcam links of the project available at <http://serviceelectric.workzonecam.com/>

**Seward Hwy: MP 25.5-36 Moose Pass to Sterling Wye**

Federal Funds

DOT&amp;PF Project Manager: Cynthia Ferguson 269-0589

**Scope:** Rehabilitate and upgrade as needed, to include passing lanes

**Status:** In Design Construction in 2017 for \$20,000,000, pending funding

**Funding/Schedule:**

<u>Year</u>	<u>Phase</u>	<u>Amount (1000's)</u>	<u>Funding Source</u>
FFY 2014	Design	\$2000	STIP 2013-15
FFY 2015	ROW	\$731	STIP 2013-2015

**Seward Hwy: MP 37-45**

Federal Funds

DOT&amp;PF Project Manager: Sean Combs, Project Manager, 269-0454

**Scope:** Mill and pave approx. 8 miles of Seward Highway as a pavement preservation project

**Status:** Construction Summer 2013

**Soldotna: Funny River Road**

Federal Funds

DOT&PF Project Manager: Cynthia Ferguson 269-0589

**Scope:** Rehabilitate pavement of approx. 4000 feet. Provide shoulders and drainage improvements

**Status:** In design. Public meeting planned August 5, 2013

**Funding/Schedule:**

<u>Year</u>	<u>Phase</u>	<u>Amount (1000's)</u>	<u>Funding Source</u>
FFY 2013	ROW	\$281	STIP 2013-2015

**Soldotna: Beaver Loop Road and Ped Improvements**

Federal Funds

DOT&PF Project Manager: Tom Schmid 269-0543

**Scope:** Resurface existing Beaver Loop Roadway, add paved 4 foot shoulders and separated pathway. Length is approx. 3.75 miles.

**Status:** In environmental phase, waiting on additional project information

**Funding/Schedule:**

<u>Year</u>	<u>Phase</u>	<u>Amount (1000's)</u>	<u>Funding Source</u>
FFY 2014	Design	\$1400	STIP 2013-2015

**Sterling Highway: MP 45-60 Sunrise to Skilak Lake Road**

Federal Funds

DOT&PF Project Manager: Kelly Petersen 269-0546

**Scope:** Rehabilitate/reconstruct Sterling Highway from MP 45 to MP 60. Includes re-alignment of 11 miles to the new Juneau Creek alignment.

**Status:** Draft SEIS available for public review anticipated January 2014

**Funding/Schedule:**

<u>Year</u>	<u>Phase</u>	<u>Amount (1000's)</u>	<u>Funding Source</u>
FFY 2015	Design	\$22,000	STIP 2013-2015
After 2015		\$237,000	

**Sterling Highway: MP 45-58 Pavement Preservation**

Federal Funds

DOT&PF Project Manager: Sean Combs, Project Manager, 269-0454

**Scope:** Resurface and repair a 13 mile stretch of Sterling Highway

**Status:** In Construction Summer 2013

**Funding/Schedule:**

<u>Year</u>	<u>Phase</u>	<u>Amount (1000's)</u>	<u>Funding Source</u>
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FFY 2013

Construction

\$9,957

STIP 2013-2015

**Sterling Highway: MP 60-79, Skilak Lake-Sterling Rehab and Passing Lanes**

**Federal Funds**

DOT&PF Project Manager: Cynthia Ferguson 269-0589

**Scope:** Rehabilitate Sterling Highway from MP 60 near Skilak Lake Road to MP 79 near Sterling. Improvements include resurfacing, widening shoulders and adding passing lanes where applicable.

**Status:** Construction anticipated summer 2015

**Funding/Schedule:**

<u>Year</u>	<u>Phase</u>	<u>Amount (1000's)</u>	<u>Funding Source</u>
FFY 2015	Construction	\$2,300	STIP 2013-2015
FFY 2015	Utilities	\$100	STIP 2013-2015

**Sterling Highway Safety Corridor Study : Sterling to Soldotna**

**General Funds**

DOT&PF Project Manager: Cynthia Ferguson 269-0589

**Scope:** Study options to improve safety in designated safety corridor. A 4-lane divided highway provides the greatest safety benefit by physically separating opposing lanes of traffic and is the preferred solution, although other solutions will be considered.

**Status:** Contract award to HDL, study is underway

**Funding/Schedule:**

<u>Year</u>	<u>Phase</u>	<u>Amount (1000's)</u>	<u>Funding Source</u>
FFY 2013	Planning	\$1,730	STIP 2013-2015

**Sterling Highway: MP 79-82.5**

**Federal Funds**

DOT&PF Project Manager: Cynthia Ferguson 269-0589

**Scope:** Mill and resurface Sterling Highway from MP 79 at Kenai Keys to MP 82.5 at Barbara Street

**Status:** In Design

**Sterling Highway Erosion Response: MP 150-157**

**Federal Funds**

DOT&PF Project Manager: Jim Amundsen 269-0595

**Scope:** Implement solution to bluff erosion feature located at Sterling Highway MP 153.5 Remove unstable material, place drainage material, construct embankment and re-establish vegetation at repair site.

**Status:** ROW acquisition underway with construction anticipated 2015

**Funding/Schedule:**

<u>Year</u>	<u>Phase</u>	<u>Amount (1000's)</u>	<u>Funding Source</u>
FFY 2013	Design and ROW	\$800	STIP 2013-2015
FFY 2014	Construction	\$4,000	STIP 2013-2015

**Sterling Highway : MP 150-173 Pavement Preservation**

**Federal Funds**

DOT&PF Project Manager: Bob Lundell, 269-0448

**Scope:** Resurface Sterling Highway for approx. 23 miles

**Status:** In Construction Summer 2013

**Sterling Highway Recon : MP 157-169**

**Federal Funds**

DOT&PF Project Manager: Thom Schmid 269-0543

**Scope:** Reconstruct and upgrade 12 miles of Sterling Highway along existing alignment. Upgrades include widening, construction of passing lanes, resurfacing, scenic turnouts, drainage improvements and rehab/replace bridges at North Fork Anchor River and Anchor River Bridges,

**Status:** In Design Phase

\$ 23,000,000 needed for construction in 2017

**Funding/Schedule:**

<u>Year</u>	<u>Phase</u>	<u>Amount (1000's)</u>	<u>Funding Source</u>
FFY 2014	Design	\$1,500	STIP 2013-2015
FFY 2015	ROW	\$2,531	STIP 2013-2015

**Sterling Highway : MP 173-174 Pavement Preservation**

**Federal Funds**

DOT&PF Project Manager: Sean Baski 269-0547

**Scope:** Resurface Sterling Highway from Pioneer Ave to Lake Street in Homer

**Status:** In Design Phase

\$ 2,000,000 for construction in 2014

**Sterling Highway : MP 174-179 Pavement Preservation**

**Federal Funds**

DOT&PF Project Manager: Sean Baski 269-0547

**Scope:** Resurface Sterling Highway from Lake Street to the end of the Homer Spit

**Status:** In Design Phase

\$ 5,000,000 for construction in 2014

**Sterling Highway: Traffic Signal at Birch Street in Soldotna**

**Federal Funds**

DOT&PF Project Manager: Carla Smith 269-0544

**Scope:** Add a traffic signal, including flashing yellow arrows and widen Birch Street for turn pockets.

**Status:** Construction and utilities in 2014

\$1,460,000 in Construction

**Funding/Schedule:**

<u>Year</u>	<u>Phase</u>	<u>Amount (1000's)</u>	<u>Funding Source</u>
FFY 2013	ROW	\$275	STIP 2013-2015
FFY 2014	Construction	\$1,545	STIP 2013-2015

**HSIP: Sterling Highway: Overhead Beacon at North Fork Road**

**Federal Funds**

DOT&PF Project Manager: Carla Smith 269-0544

**Scope:** Install overhead flashing beacon as part of a safety project

**Status:** Survey and design field work to be completed by end of June. DOWL is the contractor.  
Construction expected 2014

**Sterling Highway: Soldotna Homer Hill Slow Vehicle Turnouts**

**Federal Funds**

DOT&PF Project Manager: Kevin Jackson 269-0641

**Scope:** Design and construct a safety project with slow vehicle turnouts from Soldotna to Homer Hill along the Sterling Highway

**Status:** Geotechnical survey underway; ROW phase and environmental permitting on-going.  
Construction expected 2015

**HSIP: Sterling Highway and Main Street Intersection Improvements (Homer)**

**Federal Funds**

DOT&PF Project Manager: Carla Smith 269-0544

**Scope:** Intersection will be upgraded to a signal or roundabout

**Status:** In Design, anticipate ROW 2015 and construction 2015

**Cooper Landing Walkable Community**

**General Funds**

DOT&PF Project Manager: Bob Lundell 269 0448

**Scope:** Improve safety for non-motorized travelers within Cooper Landing area of Sterling Highway

**Status:** Refining scope with community. Bridge Pathway work will be top priority

GF \$550,000 available



# ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

## FACT SHEET

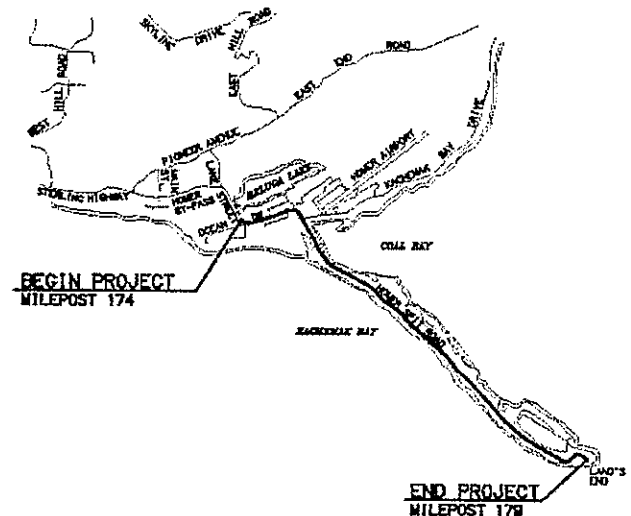
**Sterling Highway MP 174-179  
Pavement Preservation  
Project No: NH-0211 (059)/55260**



### Project Scope

The Alaska Department of Transportation and Public Facilities (DOT&PF), in cooperation with the Federal Highway Administration (FHWA), is proposing to rehabilitate Sterling Highway between Beluga Lake and Land's End on the Homer Spit Road. The purpose of this proposed project is to rehabilitate the roadway pavement, improve pedestrian facilities, and improve drainage. Specific improvements may include:

- Rehabilitate 5-miles of pavement.
- Repair shoulder failures due to erosion.
- Add a pedestrian crossing near Lake Street and improve existing crossing at Kachemak Drive.
- Re-establish existing ditches.
- Improve drainage through existing culverts.
- Replace signing and guardrail ends



### Current Status

Design is 98% complete and we are preparing to request funding from FHWA for construction.

### Schedule

Construction is expected to begin in 2014 with the adjacent Sterling Highway MP 173-174 Pavement Preservation project.

### For more information contact:

**Sean Baski, P.E.**  
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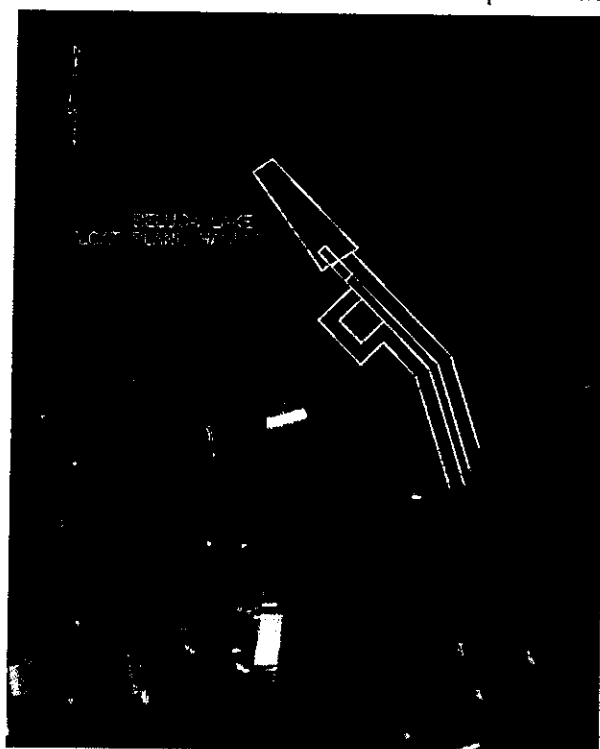
Updated 8/02/13

# FACT SHEET

## Project Scope

Currently there is no public access from the Homer Airport directly to Beluga Lake. Operators haul their airplanes on trailers from Beluga Lake along Lake Street (Sterling Highway) to Ocean Drive, down Homer Spit Road, and along Kachemak Drive to the airport general aviation tie down and hangar areas. This requires a permit to close the highway using police to stop traffic on public roads when the airplanes are in transit between the lake and the airport.

The purpose of the project is to provide a more direct access between Beluga Lake and the Homer Airport to support float plane and emergency boat access between the two facilities. The project includes the design of a new access road between the airport and the lake, a turnaround area, and a ramp into the lake. An environmental document will also be completed as part of the project.



## Schedule

Activity	Duration
Design	Aug 2013 – Sep 2014
Property Rights	Sep 2013 – Aug 2014
Construction	May 2015 – Sep 2015

## For more information

**Contact** the Homer Beluga Improvements project team with questions, concerns, or comments.

## Project Team

**Aaron Hughes, P.E.**  
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**Brian Hanson, P.E.**  
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bhanson@dowlhkm.com

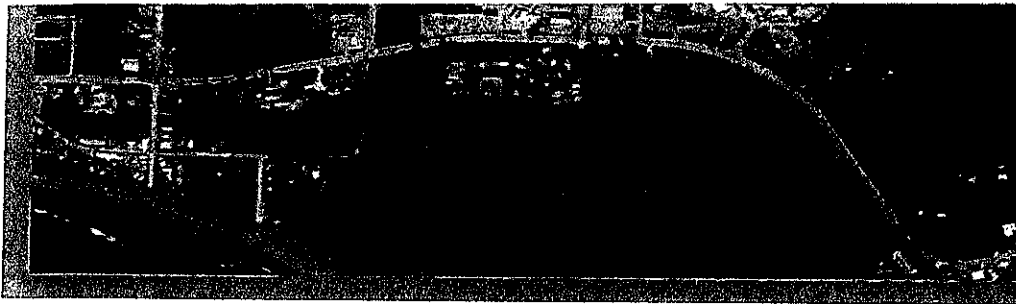
**HSIP: STERLING HWY & MAIN ST (HOMER)**  
**INTERSECTION IMPROVEMENTS**  
**AKSAS 55984**

**Project Scope:** The intersection will be upgraded to include a roundabout or signal.

**Project Purpose:** The purpose for this project is to increase intersection safety and reduce traffic congestion by installing a traffic roundabout or signal.

**Project Schedule:** Field studies are being conducted this fall. The environmental document is to be completed in 2014. Construction is anticipated for the summer 2015-2016 depending on impacts.

**Project Contact:** Carla Smith, P.E., ADOT&PF Traffic Project Manager, 269-0544, 4111 Aviation Avenue, Anchorage, AK 99502 or [carla.smith@alaska.gov](mailto:carla.smith@alaska.gov)



**Sterling Highway**

**MP 173-174**

**Pavement Preservation**

The Alaska Department of Transportation and Public Facilities (DOT&PF), in cooperation with the Federal Highway Administration (FHWA), plans to repave the Sterling Highway from MP 173 to 174 in Homer, Alaska. This 1-mile long section of roadway has failing pavement and is in need of repairs.

Preventive maintenance, such as milling and repaving, is necessary to ensure proper performance of transportation infrastructure. When properly used, preventive maintenance is a cost-effective way of extending the service life of a roadway.

## **Project Schedule**

Survey work is complete and the project team is preparing the environmental document and design plans. This project is anticipated to be constructed in 2014, but may extend to 2015.

This project may be constructed with the Sterling Hwy MP 174-179 Pavement Preservation project, which meets up with this project and extends to the end of the Homer Spit.

## **Frequently Asked Questions**

***Q: Will the road look any different after the project is complete?***

**A:** The road corridor will essentially look the same. Preventive maintenance projects focus on improving the functional condition of the roadway. This work could include pavement reconditioning and guardrail, drainage, ADA improvements, signage, and striping upgrades. Preventive maintenance is a cost-effective way to extend and preserve the life of highway infrastructure by addressing the roadway corridor before a major rehabilitation or reconstruction is needed.

***Q: Will you have to acquire private property to make these improvements?***

**A:** No, all work is anticipated to occur within the existing right-of-way.

***Q: Will there be changes to the traffic patterns during construction?***

**A:** Most Alaskans are accustomed to summer road construction impacting their travel plans, and the same should be expected when we repave this segment of the Sterling Highway. The traveling public should anticipate minor delays and reduced speeds while the road improvements are being performed.

### **To learn more about the project, contact one of the team members:**

Kelly Kilpatrick, P.E.  
Project Manager  
DOWL HKM  
907-562-2000  
[kkilpatrick@dowlhkm.com](mailto:kkilpatrick@dowlhkm.com)

Lesley Lepley  
Public Involvement Planner  
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Sean Baski, P.E.  
Project Manager  
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# Sterling Hwy MP 150 to 173, Pavement Preservation

NH-0211(057)/54140 & NH-0211(058)/54130



## Project Update

8.05.2013

The scope of the project is to resurface the Sterling Highway from Tall Tree Avenue (Milepost 150) to Pioneer Avenue (Milepost 173). The scope also includes installing ADA ramps, signs, and inlaid striping.



Echelon Paving

The Project is approximately 50% complete. So far this season, 251,000 Square Yards of existing roadway has been planed or pulverized and 28,750 tons of asphalt has been paved.

### Homer Area

- Paving in Homer is complete.
- Striping is scheduled to begin the week of August 12<sup>TH</sup>.

### Anchor Pt to Homer

- Pulverizing of the existing asphalt and grading are scheduled to be complete this week.
- Paving is scheduled to be complete mid next week.

### North of Anchor Point

- Pulverizing and paving operations will begin here, once they are complete from Anchor Pt to Homer.



Pavement Planing



Mainline Paving

[www.alaskanavigator.org](http://www.alaskanavigator.org)

### Contacts

**Mike Fizette**  
QAP, Project Manager  
522-2211, QAP Main Office

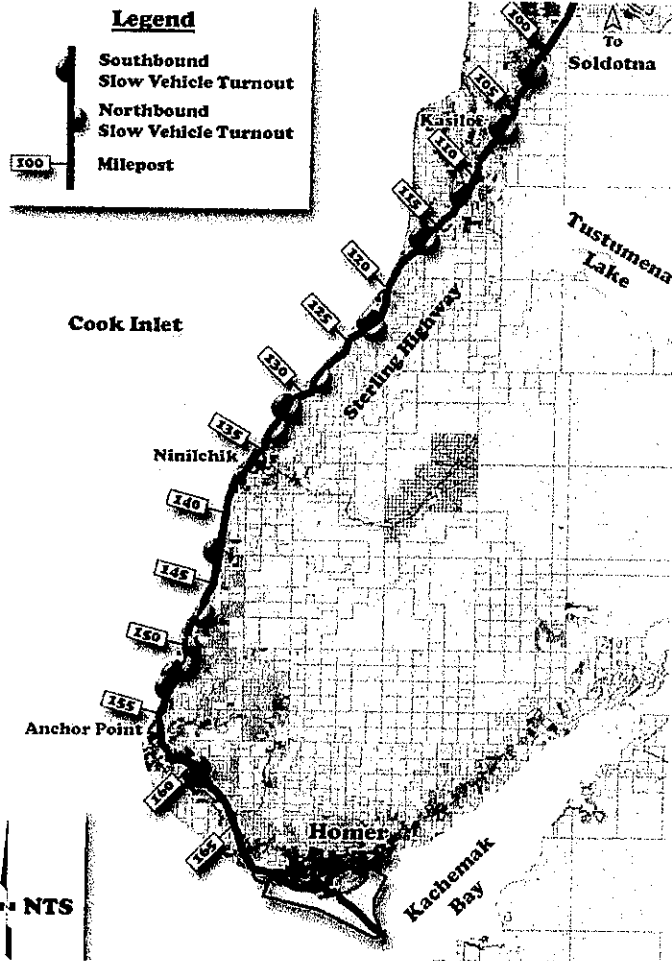
**Jonathan Tague**  
AKDOT Project Engineer  
226-2310, Project Office

Hours of operation are 24 hours per day, 2100 on Sunday to 1200 on Friday, and Friday night from 2200 to 0800 on Saturday.

While traveling through the project, be alert for flagger and pilot car operations, as well as the reduced speed limit. Expect delays.

The project is anticipated to be complete on September 15<sup>TH</sup>.

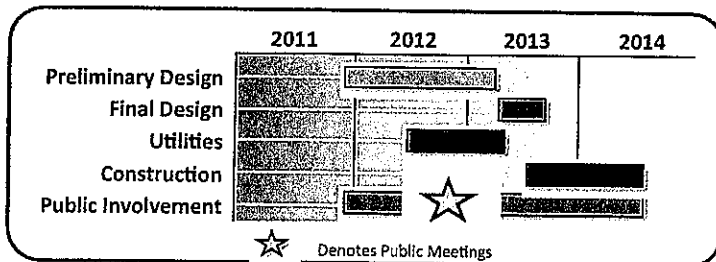
## PROJECT FACT SHEET



The Alaska Department of Transportation and Public Facilities (DOT&PF), in cooperation with the Federal Highway Administration (FHWA), is planning to add 22 slow vehicle turnout (SVT) lanes on the Sterling Highway between Seldotna (near Milepost (MP) 102.7) and Homer (near MP 160.3). Slow vehicle turnouts are pull out areas designed for use by slow-moving vehicles, enabling them to pull over safely and allow faster traffic to pass. The purpose of the project is to mitigate the number of head-on and rear-end crashes that occur near the selected turnout sites.

Slow Vehicle Turnouts Proposed Locations	
Approx. Milepost	Direction
102.7	Northbound and Southbound
105.4/105.8	Northbound and Southbound
112.2	Southbound
116.5/116.4	Northbound and Southbound
123.5	Northbound and Southbound
128.3	Northbound
131.4	Northbound and Southbound
132.7	Northbound
142.6	Southbound
146.8	Northbound
149.6	Northbound
151.5	Northbound and Southbound
152.8	Southbound
159.0	Northbound
160.3	Northbound and Southbound

### Project Schedule



### CONTACT INFORMATION

Kevin Jackson, PE  
DOT&PF Project Manager  
kevin.jackson@alaska.gov  
(907) 269-0641



# Homer East End Road MP 12.5 to 19.6 and Old East End Road MP 0.0 to 1.9 Pavement Preservation

Alaska Department of  
Transportation & Public  
Facilities

August 2013

## What is planned?

The Homer East End Road Pavement Preservation project proposes to repave East End Road from the intersection of Old East End Road and East End Road (MP 12.5) to the end of pavement (MP 19.5), and repave the entire length of Old East End Road. Minor structural repairs will be made to the roadway. Also included in the project are new signs and new pavement markings.

## What is happening now?

Highway Design staff at the Alaska Department of Transportation & Public Facilities (the Department) have completed design of the Project and anticipate advertising the project for competitive construction bids in fall, 2013.

## When will construction begin?

The construction date is anticipated to begin summer 2014.

### For more information contact:

Cynthia Ferguson, PE  
Cynthia.Ferguson@alaska.gov  
(907) 269-0589

## What is the estimated project cost?

The latest estimated costs are as follow:

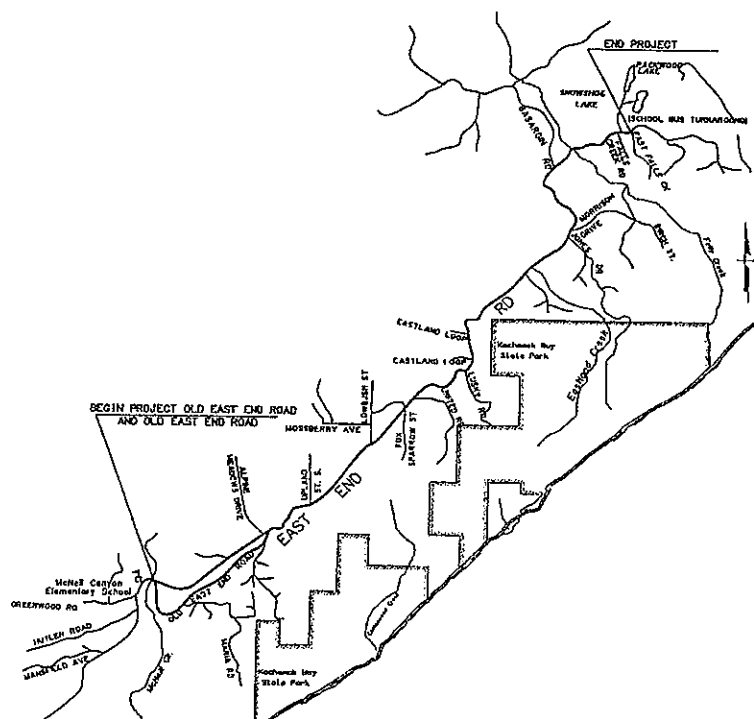
Utility Relocation	\$20,000
Construction	\$6,000,000
Total	\$6,020,000

## Key Project Elements:

- New Pavement for East End Road MP 12.5 to 19.6
- New Pavement for Old East End Road

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(NOT TO SCALE)

# Homer East End Road, MP 3.75-5.5

Kachemak Drive  
to Waterman Road

August 2013

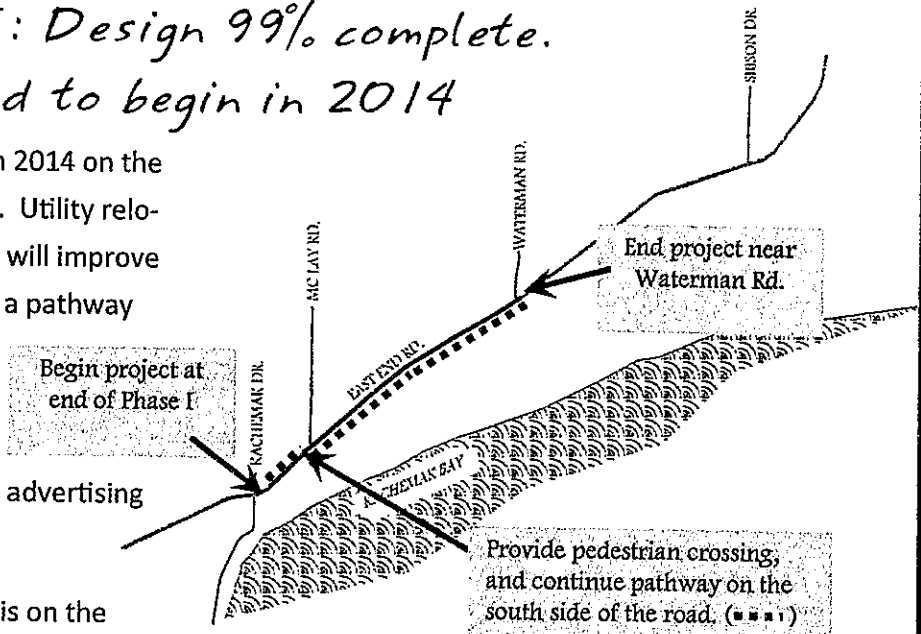
## PROJECT UPDATE: Design 99% complete. Construction scheduled to begin in 2014

Road construction is anticipated to begin in 2014 on the Homer East End Road, MP 3.75-5.5 project. Utility relocation may begin in late 2013. This project will improve the road, add four-foot shoulders, and add a pathway from Kachemak Drive to Waterman Road. Right-of-Way acquisition is in the final stages, and project design documents are being finalized for project approval and advertising for construction.

As shown in the figure below, the pathway is on the north side of East End Road between Kachemak Drive and near McLay Road. At that point, a pedestrian crossing will be provided and the path will continue on the south side of East End Road to Waterman Road, where the current project will terminate.

Improving East End Road beyond this point will be dependent upon obtaining additional funding for the project.

Thank you for your interest in this project!



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## Project Contacts

### DOT&PF Project Manager:

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DOT&PF Highway Design  
P.O. Box 196900  
Anchorage, Alaska 99519  
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F: 907-243-4409  
cynthia.ferguson@alaska.gov

### WHPacific Project Manager:

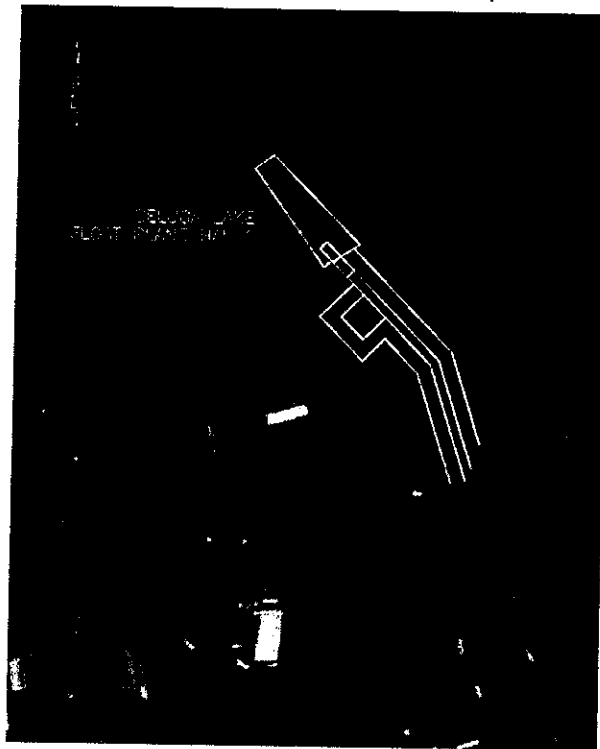
Louis Bassler, P.E.  
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# FACT SHEET

## Project Scope

Currently there is no public access from the Homer Airport directly to Beluga Lake. Operators haul their airplanes on trailers from Beluga Lake along Lake Street (Sterling Highway) to Ocean Drive, down Homer Spit Road, and along Kachemak Drive to the airport general aviation tie down and hangar areas. This requires a permit to close the highway using police to stop traffic on public roads when the airplanes are in transit between the lake and the airport.

The purpose of the project is to provide a more direct access between Beluga Lake and the Homer Airport to support float plane and emergency boat access between the two facilities. The project includes the design of a new access road between the airport and the lake, a turnaround area, and a ramp into the lake. An environmental document will also be completed as part of the project.



## Schedule

Activity	Duration
Design	Aug 2013 – Sep 2014
Property Rights	Sep 2013 – Aug 2014
Construction	May 2015 – Sep 2015

## For more information

**Contact** the Homer Beluga Improvements project team with questions, concerns, or comments.

## Project Team

**Aaron Hughes, P.E.**  
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# ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

## FACT SHEET

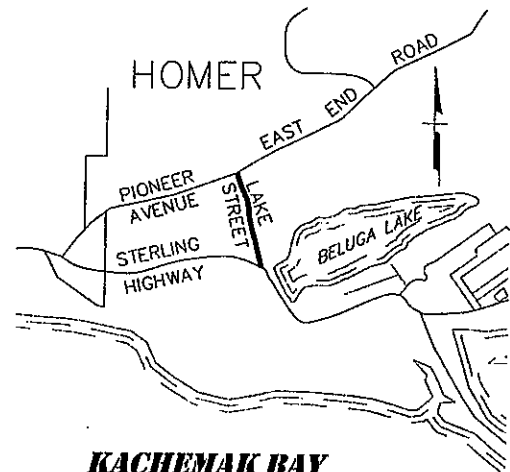


### Homer Lake Street Rehabilitation Project No: EBL-MGS-MGE-0001 (422)/52461

#### Project Scope

The Alaska Department of Transportation and Public Facilities (DOT&PF), in cooperation with the Federal Highway Administration (FHWA), is proposing to rehabilitate Lake Street between the Sterling Highway and Pioneer Avenue/East End Road. The purpose of this proposed project is to rehabilitate the roadway pavement, improve pedestrian facilities on the west side of the road, and improve drainage. The proposed work may include:

- Rehabilitate 2,500 feet of failing pavement
- Add a bike lane to the west side. Impacts for a bike lane for the east side are being investigated.
- Re-establish existing ditches
- Improve drainage on the west side of Lake St.
- Replace existing cross-culverts, as needed
- Relocate utilities, as needed



#### Current Status

The geotechnical exploration, ground survey, and Right-of-Way survey are complete. The environmental document is underway, with an estimated completion of fall 2013. Once the environmental document is approved then final design efforts for the project will begin.

#### Schedule/Budget

Construction is expected to begin 2016, but is dependent upon completion of Right-of-Way Acquisition and other factors.

#### For more information contact:

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DOT&PF, Highway Design Section  
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**Breanna Mahoney**, Environmental Impact Analyst  
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Updated 7/15/13

**HSIP: PIONEER AVE & MAIN ST OH BEACON**  
**AKSAS 55889**

**Project Scope:** Install overhead all-way stop, flashing beacon at Pioneer Ave and Main Street intersection. This project will also upgrade stop control at the intersection.

**Project Purpose:**

- 1.) Beacons provide a strong visual cue to traffic when approaching an intersection.
- 2.) Overhead beacons reduce the overall crash rate by 30% based on historical studies.
- 3.) There is enough evidence that OH beacons reduce collisions and are a good interim step in comparison to doing nothing until a much larger project makes improvements.

**Project Schedule:** The combined plan review will occur in the fall 2013 and the project will be advertised in 2014. Construction is anticipated in 2014 or 2015.

**Project Contact:** Carla Smith, P.E., ADOT&PF Traffic Project Manager, 269-0544, 4111 Aviation Avenue, Anchorage, AK 99502 or [carla.smith@alaska.gov](mailto:carla.smith@alaska.gov)





Alaska Department of

Transportation & Public Facilities

**HSIP: STERLING HWY & MAIN ST (HOMER)**  
**INTERSECTION IMPROVEMENTS**  
**AKSAS 55984**

**Project Scope:** The intersection will be upgraded to include a roundabout or signal.

**Project Purpose:** The purpose for this project is to increase intersection safety and reduce traffic congestion by installing a traffic roundabout or signal.

**Project Schedule:** Field studies are being conducted this fall. The environmental document is to be completed in 2014. Construction is anticipated for the summer 2015-2016 depending on impacts.

**Project Contact:** Carla Smith, P.E., ADOT&PF Traffic Project Manager, 269-0544, 4111 Aviation Avenue, Anchorage, AK 99502 or [carla.smith@alaska.gov](mailto:carla.smith@alaska.gov)