

Deweyville Trail Head
To Neck Lake Road
AK PFH 43(10)

Tongass National Forest
Prince Of Wales Island
Alaska

Involved Agencies

- FHWA, State of Alaska & Forest Service

Visitors

AKDOT

Kasandra Rice Jeffery Ottesen Andrew Hughes

Mike Vigue Pat Carroll Al Clough Bruce Burnett

AKF&G

Mark Minnillo

Visitors

FHWA

Joyce Curtis Clara Conner Bob Lale Rich Barrows

David Miller Jane Traffalis Chuck Dissen Chris Conrad

Corrie Veenstra Neal Christenson Dianne Moorehouse

USFS

Sam Carlson Larry Dunham James Baichtal

Project History

- FHWA has done a lot of work in this area in the past.
- 1991-1996; 5 Phases of road work on North Prince of Wales Island totaling \$17.2 Million
- 1998-2003; 3 Phases of road work on Big Salt Lake Road totaling \$21.5 Million
- 2005-2008; 3 Phases of road work on Coffman Cove Road totaling \$45.7 Million

Special Conditions

- Karst formations
- Peat Overlay thru Muskeg
- Engineered Study conducted in 2004 and 2012 which included 330 test pits, 39 hand dug test pits, 59 test borings, rock coring, peat probing and seismic refraction profiling

Project Staff

- COE: Chuck Dissen
- Project Engineer / Manager: Bill Welton
- CMPM / Assistant: Clint Pittman
- CI's: Alfred Stites
Robert Miller
Matthew DuPont
- Coop: Jason Van Dyke

Project Stats

- 2 Year Project, 1 Year remaining
- Award Amount: Appx \$ 41,600,000 -Design Build
- 11 Miles of Forest Service Gravel Roads Into 2 lanes of SuperPave Asphalt
- Structures: 2- 50' Bridges (Concrete pre-cast Girders)
- 483,975 cy Waste Excavation
- 287,925 cy of Embankment
- 308,332 cy of Rock Blasted 11,117 cy of Pre-Split
- 102 Blasts to Date
- 100+ Personnel at Peak of Production, 103,000 Man hrs
- 22 Hour Work Days- Day and Night Shifts
- 9,244 ft of Culverts 1 ¾ Miles!
- 18 Fish Pipes

Contractor

- Kiewit Infrastructure West Co.
2000 W. International Airport Road #C
Anchorage, AK 99502
- Project Manager: Robert Faulk
- Superintendents: Clint lane
Gary Inman

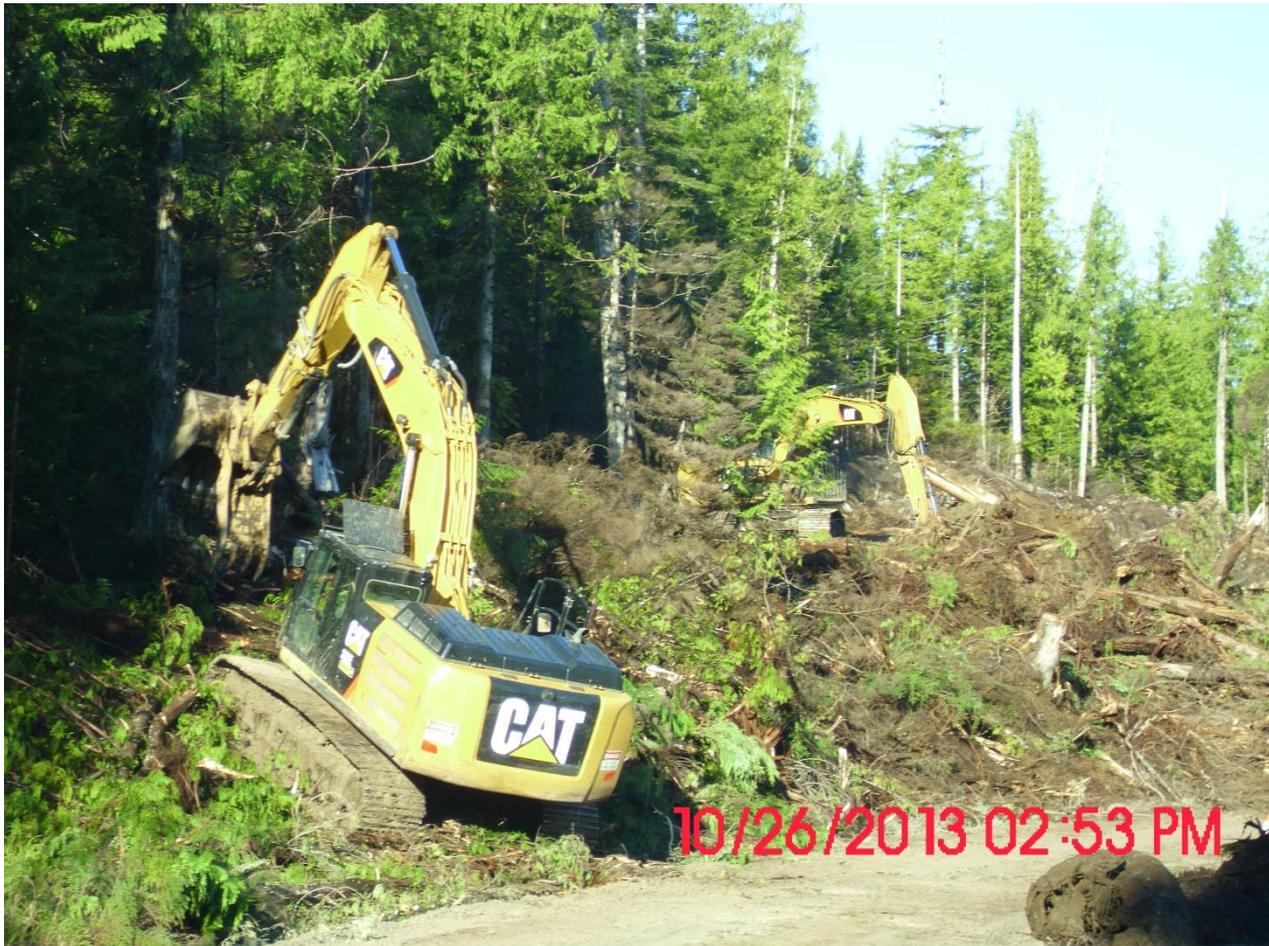
Road Work Ahead



SWPPP



Pioneering



Excavating New Boundaries



New Alignment Prep



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New Alignment Preparation



Drilling of Rock Structures



Blast Preparation



Rock Quarry



Existing Road Cross Section



Excavating Unsuitable material



Water Everywhere



...Everywhere



Peat Removal 20' Deep



Peat Depth Probing



Peat Overlay Settlement Monitor



Backfill Activities



Stabilizing New Road



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Geo-Grid Stabilization



Sloping & Fill Placement



Moving Rock on an Industrial Level



Mass Grading for 2 Lanes



Installation of Fish Pipes at Night



Compacting Pipe Backfill at Night



Soil Density Testing



Conveyed Stream bed Material



Original Bridge



Beginning of Bridge Work



Bridge Abutment Reinforcing Steel



Concrete Abutment Placement



Quality Control Testing



Wing Wall Curing Tents & Heat



Batch Plant Cold Weather Accommodations



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Pre-Cast Bridge Girder Placement



Variable Weather Conditions



Now 2 lanes of Travel



Finished Realignment Area



2 Lanes of Travel



Old Road and New Road

