



State of Alaska
Department of Fish and Game
Division of Sport Fish

Nomination Form
Anadromous Waters Catalog

PS *ME*

Region Southwest USGS Quad(s) Kodiak C-2 NW NE
 Anadromous Waters Catalog Number of Waterway 259-23-10010-2003
 Name of Waterway Slough Creek USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>130003</u>	<u>[Signature]</u> Fisheries Scientist	<u>8/27/13</u> Date
Revision Year: <u>2014</u>	<u>[Signature]</u> Habitat Operations Manager	<u>8/27/13</u> Date
Revision to: Atlas _____ Catalog _____ Both <u>X</u>	<u>[Signature]</u> AWC Project Biologist	<u>1/29/13</u> Date
Revision Code: <u>A-3, D-1</u>	<u>[Signature]</u> Cartographer	<u>9/13</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments
*Add local name "Slough CK" to dTB
 shorten stream, retain species*
 Nomination No. 09-705 for Felton Creek belongs with Stream No. 259-23-10010-2005.
 Reduce the specified reach to the perched 5-foot high culvert located on the Chiniak Highway.
 Add Slough Creek to stream name.

Name of Observer (please print): Will Frost, Habitat Biologist
 Signature: [Signature]
 Agency: ADF&G, Division of Habitat
 Address: 333 Raspberry Road
Anchorage, AK 99518

Date: 11/24/2012
ALASKA DEPT OF FISH & GAME
JAN 18 2013

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Anadromous Waters Catalog.

Signature of Area Biologist: _____ Date: _____ Revision 05/08
 Name of Area Biologist (please print): _____

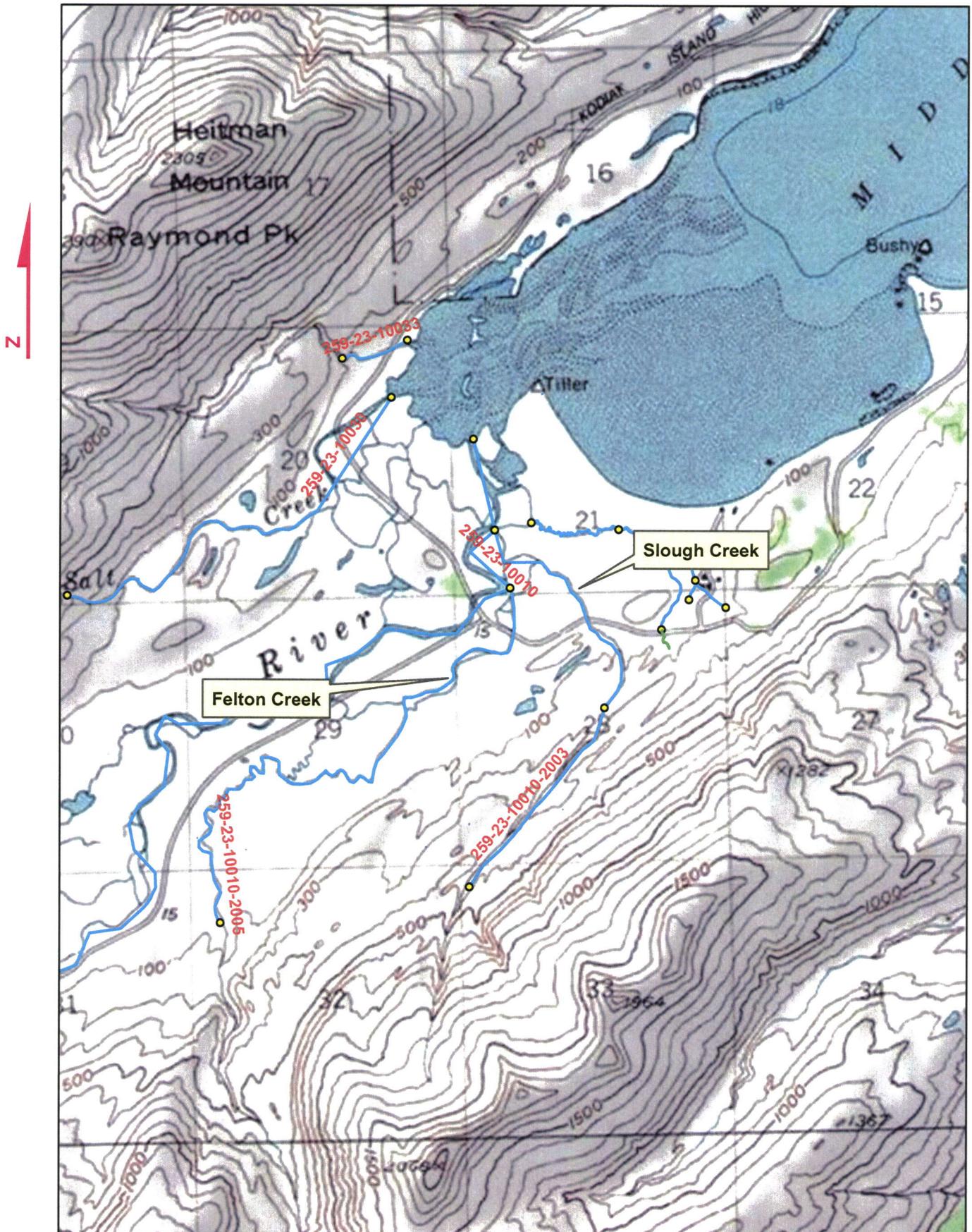
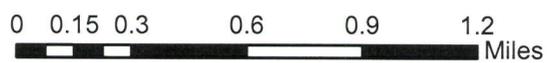


Figure 1



ADF&G

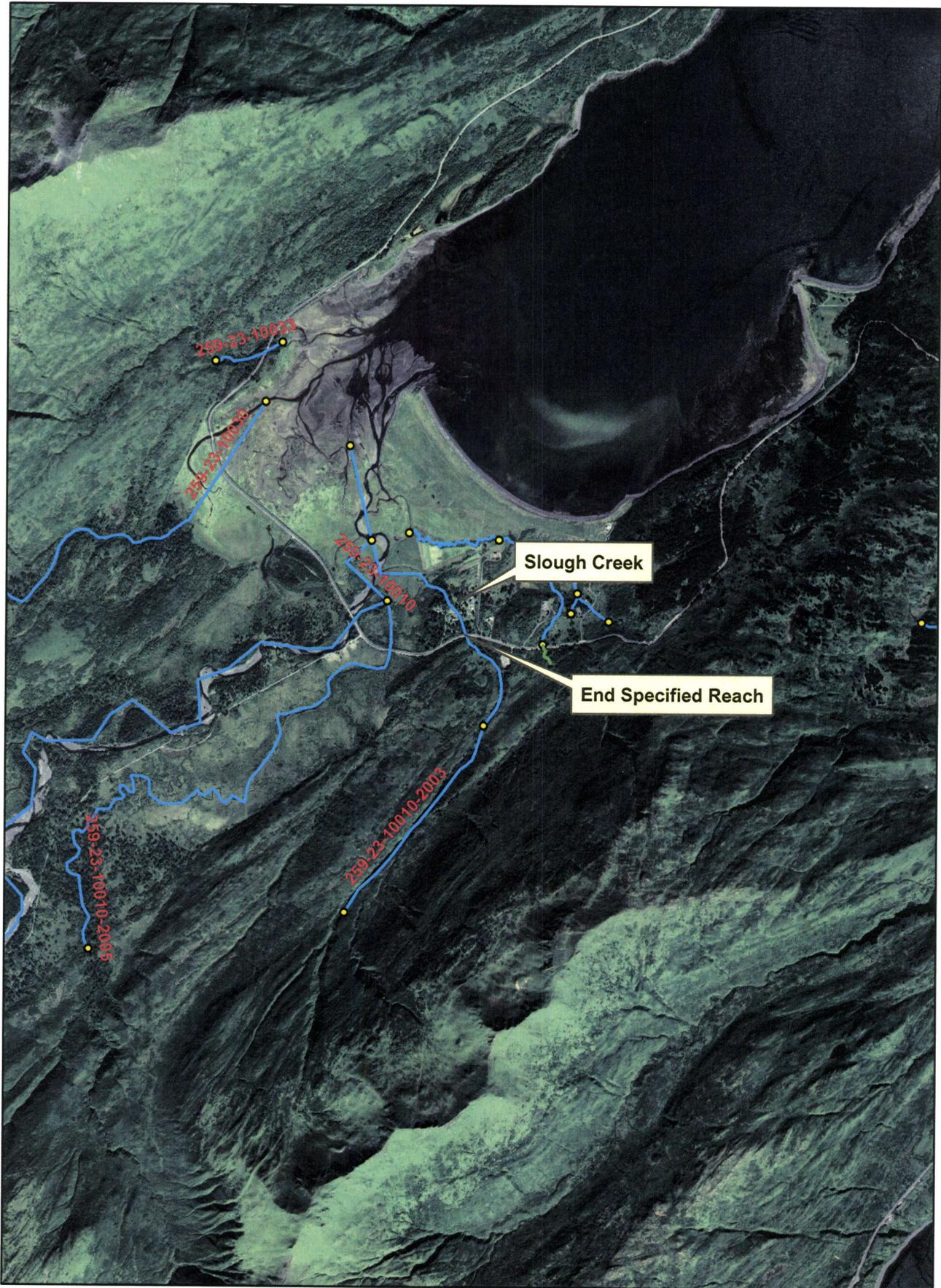
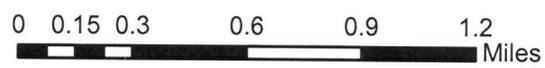


Figure 2



ADF&G

TO: Jerry Ruehle
Regional Environmental Coordinator
Alaska Department of Transportation

DATE: November 6, 2007

TELEPHONE: 269-6987
FAX: 269-5673

FROM: Scott Maclean 
Habitat Biologist
Office of Habitat Management and Permitting

SUBJECT: Chiniak Highway
MP 20.99

The Office of Habitat Management and Permitting (OHMP) has investigated the need for improving fish passage on an unnamed stream located on the Chiniak Highway at MP 20.99. The Alaska Department of Transportation and Public Facilities (ADOT&PF) is proposing to replace a culvert at this site as part of the Chiniak Highway Rehabilitation project. The unnamed stream is intermittent and seasonally flows subsurface. Residents in the area have informed us that the stream was historically discontinuous, prior to installation of the existing culvert. Aerial photos also depict a tapering and discontinuous stream channel downstream of the highway. Salmon spawning and rearing habitat above the Chiniak Highway is of limited and marginal quality. The OHMP has consulted with ADF&G, Kodiak Area Office and they concur with our determination that the new culvert will not need to be designed to provide for fish passage.

We appreciate your cooperation in working with OHMP staff. Please contact Will Frost, Habitat Biologist at 269-6995 if you have any questions.

cc: P. Janke, ADOT&PF
M. Costello, ADOT&PF

Date 11/9/07
2007

STATE OF ALASKA

SEAN PARNELL, Governor

DEPARTMENT OF FISH AND GAME

DIVISION OF HABITAT

333 RASPBERRY RD.
ANCHORAGE, ALASKA 99518
PHONE: (907) 267-2342
FAX: (907) 267-2499

FISH HABITAT PERMIT FH 11-II-0167

ISSUED: October 19, 2011
EXPIRES: December 31, 2012

Alaska Department of Transportation and Public Facilities
Attention: Ms. Renee Forque
P.O. Box 196900
Anchorage, AK 99519-6900

Dear Ms. Forque:

Re: Culvert Replacement – Unnamed Stream
Stream No. 259-23-10010-2003
Section 28, T. 29 S., R. 20 W., S.M.

Pursuant to AS 16.05.871(b), the Alaska Department of Fish and Game (ADF&G), Division of Habitat, has reviewed the Alaska Department of Transportation and Public Facilities (ADOT&PF) proposal to replace the existing 5-foot perched culvert in an unnamed stream located on the Chiniak Highway mile post 23.7.

Project Description

Two new 72-inch diameter culverts will be installed at the same location (Figures 1 and 2). The invert of the culverts will be embedded below the streambed a minimum of one foot and match the existing stream gradient of about 2.8 percent, to aid the conveyance of stream substrate. About 418 cubic yards of Class III riprap scour protection will be placed 50 feet beyond the culvert inlet and 40 feet beyond the culvert outlet extending to the edge of the thalweg. The culverts will be replaced by diverting the surface water flow into a temporary diversion channel while the old culvert is removed and the trench for two new culverts is being dug. The stream diversion will be accomplished by placing sandbags and geotextile fabric upstream of the project site to divert the water flow into the temporary channel. Once the two new culverts are installed, the water flow will be diverted into the new culverts and the temporary channel will be removed. Instream work will be conducted during low water conditions between May 15 and July 15, 2012.

The culverts have not been designed for fish passage for all water flow conditions. The geomorphology of the unnamed tributary above the culverts is a steep valley with limited fish habitat. The stream is intermittent and seasonally flows subsurface. In 2007, the Kodiak area sport fish biologist concurred the new culvert will not be required to be designed for fish passage.

Anadromous Fish Act

The unnamed stream has been specified as being important for the spawning, rearing, or migration of anadromous fish pursuant to AS 16.05.871(a). The unnamed stream supports chum and pink salmon.

In accordance with AS 16.05.871(d), project approval is hereby given subject to the project description above and the following stipulations:

1. Inwater activities shall be limited to that necessary to properly remove the culvert, install the new culverts, and provide embankment protection, when necessary.

2. During culvert installation activities, water shall bypass the work area and the natural channel downstream of the road shall be supplied with a constant flow of clean water to support the aquatic life found in the stream.

You are responsible for the actions of contractors, agents, or other persons who perform work to accomplish the approved project. For any activity that significantly deviates from the approved plan, you shall notify the Division of Habitat and obtain written approval in the form of a permit amendment before beginning the activity. Any action that increases the project's overall scope or that negates, alters, or minimizes the intent or effectiveness of any stipulation contained in this permit will be deemed a significant deviation from the approved plan. The final determination as to the significance of any deviation and the need for a permit amendment is the responsibility of the Division of Habitat. Therefore, it is recommended you consult the Division of Habitat immediately when a deviation from the approved plan is being considered.

For the purpose of inspecting or monitoring compliance with any condition of this permit, you shall give an authorized representative of the state free and unobstructed access, at safe and reasonable times, to the permit site. You shall furnish whatever assistance and information as the authorized representative reasonably requires for monitoring and inspection purposes.

This letter constitutes a permit issued under the authority of AS 16.05.871 and must be retained on site during project activities. Please be advised that this determination applies only to activities regulated by the Division of Habitat; other agencies also may have jurisdiction under their respective authorities. This determination does not relieve you of your responsibility to secure other permits; state, federal, or local. You are still required to comply with all other applicable laws.

In addition to the penalties provided by law, this permit may be terminated or revoked for failure to comply with its provisions or failure to comply with applicable statutes and regulations. The department reserves the right to require mitigation measures to correct disruption to fish and game created by the project and which was a direct result of the failure to comply with this permit or any applicable law.

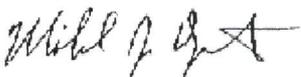
You shall indemnify, save harmless, and defend the department, its agents, and its employees from any and all claims, actions, or liabilities for injuries or damages sustained by any person or property arising directly or indirectly from permitted activities or your performance under this permit. However, this provision has no effect if, and only if, the sole proximate cause of the injury is the department's negligence.

This permit decision may be appealed in accordance with the provisions of AS 44.62.330-630.

Any questions or concerns about this permit may be directed to Habitat Biologist Will Frost at 907-267-2813 or emailed to william.frost@alaska.gov.

Sincerely,

Cora Campbell, Commissioner



By: Michael J. Daigneault
Regional Supervisor
Anchorage Area Office

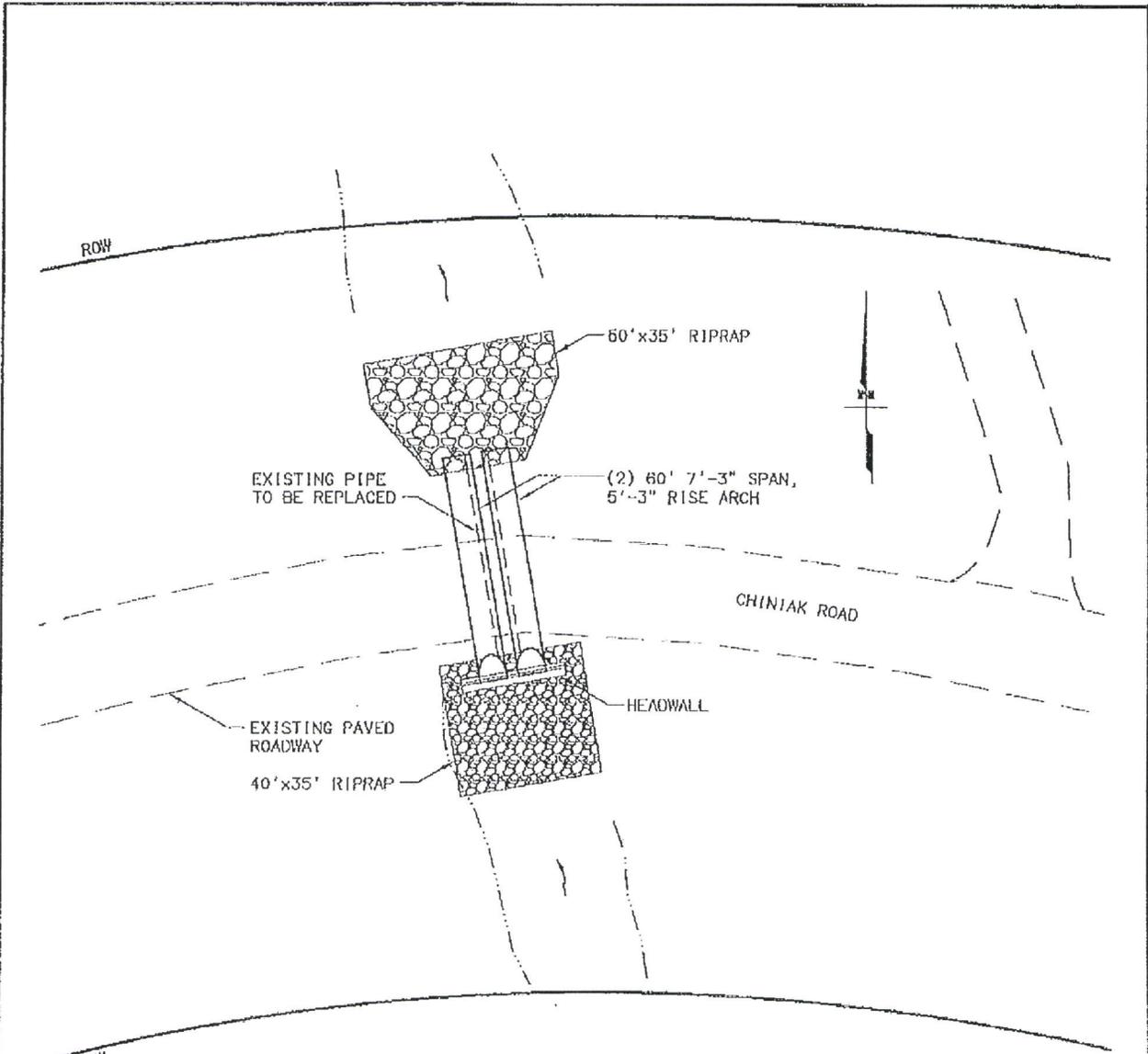
Enc: Figures 1 and 2

cc: AWT, Kodiak

ecc: L. Van Daele, ADF&G
B. Piorkowski, ADF&G
G. O'Doherty, ADF&G
D. Tracy, ADF&G
A. Ott, ADF&G
S. Schrof, ADF&G
B. Cassidy, KIB
USACE, Regulatory Branch

7/6/2011 11:19 AM

W:\Projects\Chiniak Rd MP 23.7 Improvements-58107\Civil\3D 2011\Permit\Drawings\COE\58107_502.dwg

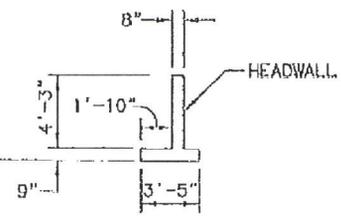
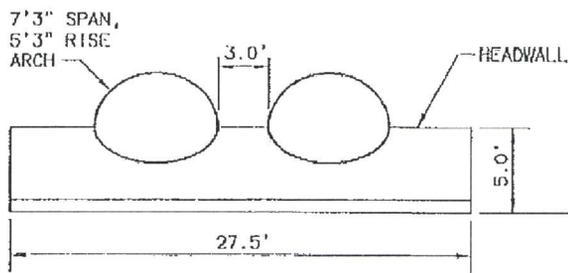
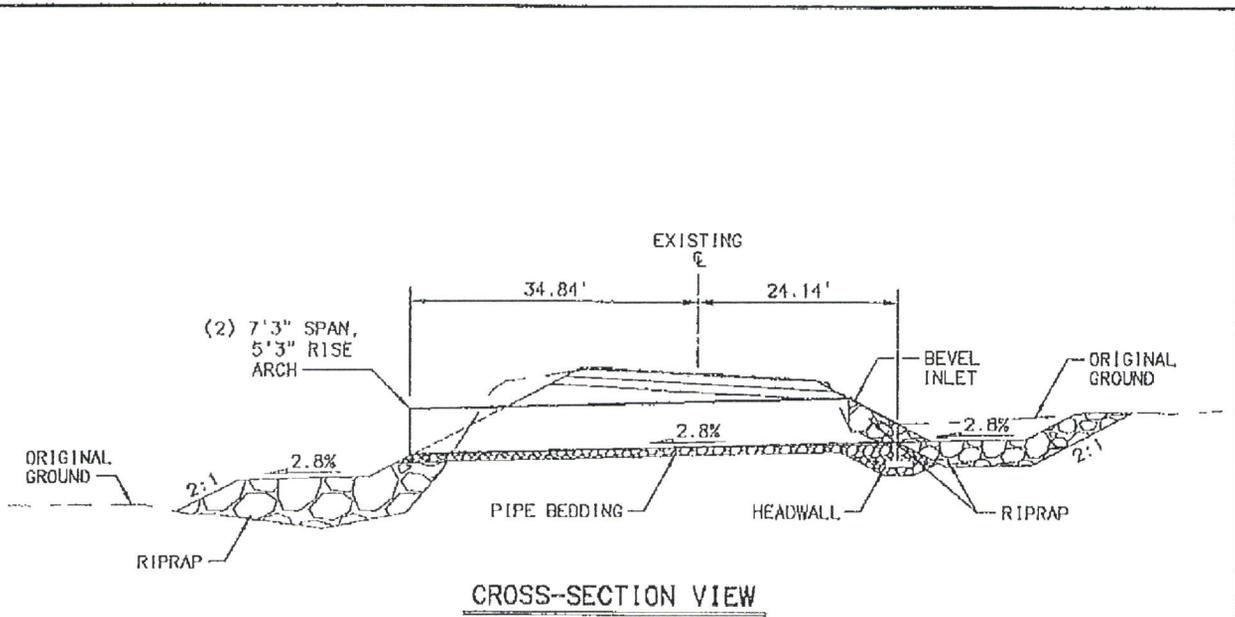


PLAN

COE PERMIT #
ADD&PF PROJECT # 58107
CHINIAC HIGHWAY, MP 23.7 REALIGNMENT
KODIAK, ALASKA
LOCATION: T29S, R20W, SEC. 23, S.M.
USGS: KODIAK C-2
LAT 57.632° N; LONG 152.183° W
WATERBODY: ADF&G STREAM //
259-23-10010-2003
PAGE 1 OF 3 DATE: 07/06/2011
MP 20.99 CULVERT PLAN VIEW

7/6/2011 11:19 AM

W:\Projects\Chiniok Rd MP 23.7 Improvements\66107\Civil\3D 2011\Permit Drawings\COE\BIB107_DBE.dwg



COE PERMIT #
ADOT&PF PROJECT # 58107
CHINIOK HIGHWAY, MP 23.7 REALIGNMENT
KODIAK, ALASKA
LOCATION: T29S, R20W, SEC. 23, S.M.
USGS: KODIAK C-2
LAT 57.632° N; LONG 152.183° W
WATERBODY: ADF&G STREAM #
259-23-10010-2003
PAGE 2 OF 3 DATE: 07/06/2011
MP 20.99 CULVERT DETAILS



State of Alaska
Department of Fish and Game
Division of Sport Fish

Nomination Form
Anadromous Waters Catalog

X
JB

Region Westward

USGS Quad(s) Afognak ~~A4~~ C-2

Anadromous Waters Catalog Number of Waterway unknown-259-23-10010-2003

Name of Waterway Felton Creek USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>09-705</u>	_____ Fisheries Scientist	_____ Date
Revision Year: <u>2010</u>	_____ Habitat Operations Manager	_____ Date
Revision to: Atlas _____ Catalog _____ Both _____	<u>[Signature]</u> AWC Project Biologist	<u>04/24/09</u> Date
Revision Code: <u>F-1</u>	_____ Cartographer	_____ Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
chum salmon	84,86,92,98,01	y	y	yes	<input checked="" type="checkbox"/>
coho salmon	81,84,86,98,99,01-07	y	y	yes	<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. **Attach a copy of a map showing location of mouth and observed upper extent of each species,** as well as other information such as: specific stream reaches observed as spawning or rearing habitat, locations, types, and heights of any barriers, etc.

Aerial surveys have been conducted on this system since the 1970's and observers have noted the presence of **chum and coho salmon**, which has been published in our ADF&G Annual Salmon Management Reports (AMR). Data can be found in RBASE.

Name of Observer (please print): on file; name and date is published in AMR
 Signature: _____ Date: _____
 Agency: Alaska Department of Fish & Game
 Address: 211 Mission Road
Kodiak, Alaska 99615

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Anadromous Waters Catalog.

Signature of Area Biologist: _____ Date: _____ Revision 02/08
 Name of Area Biologist (please print): Jeff Wadle, FBIII

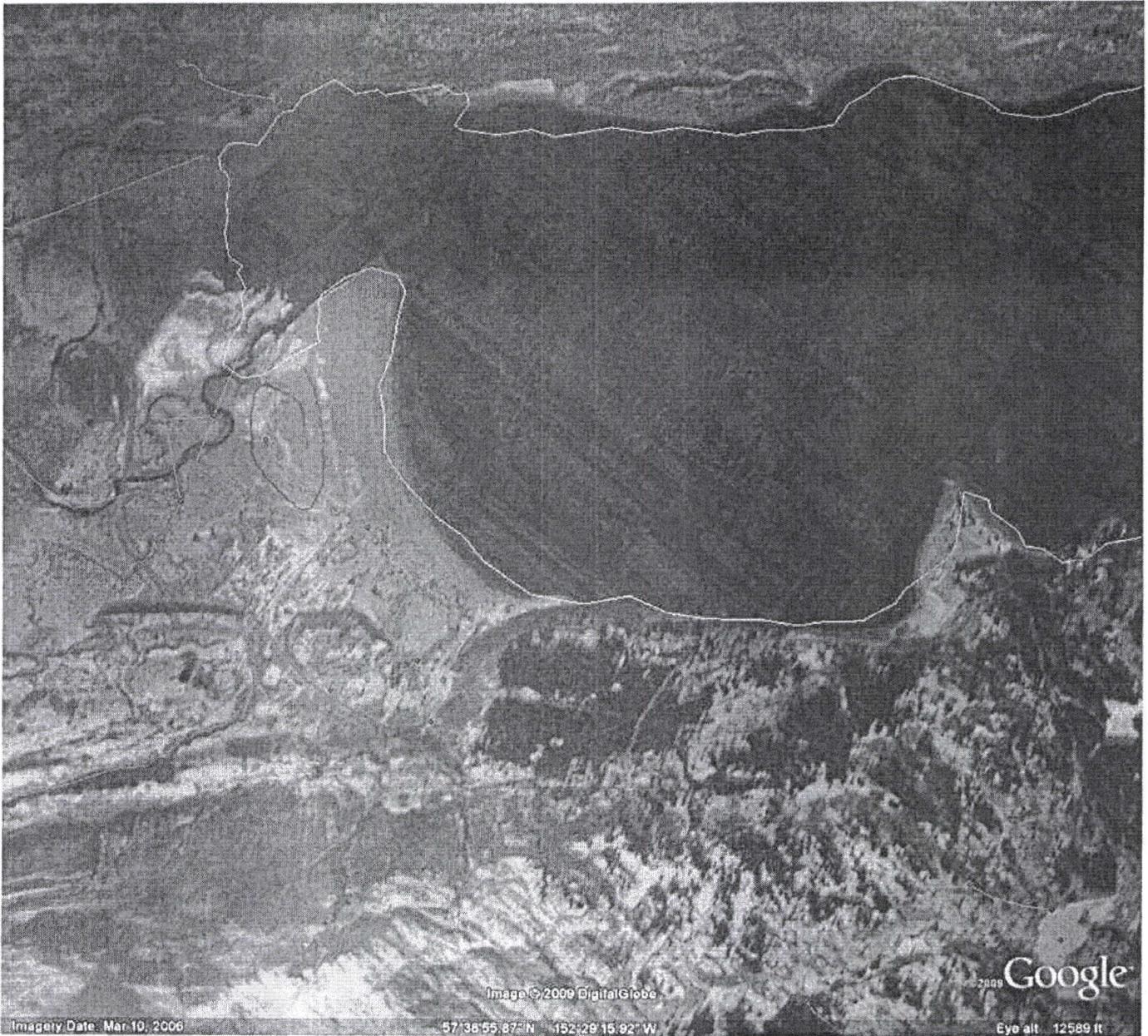


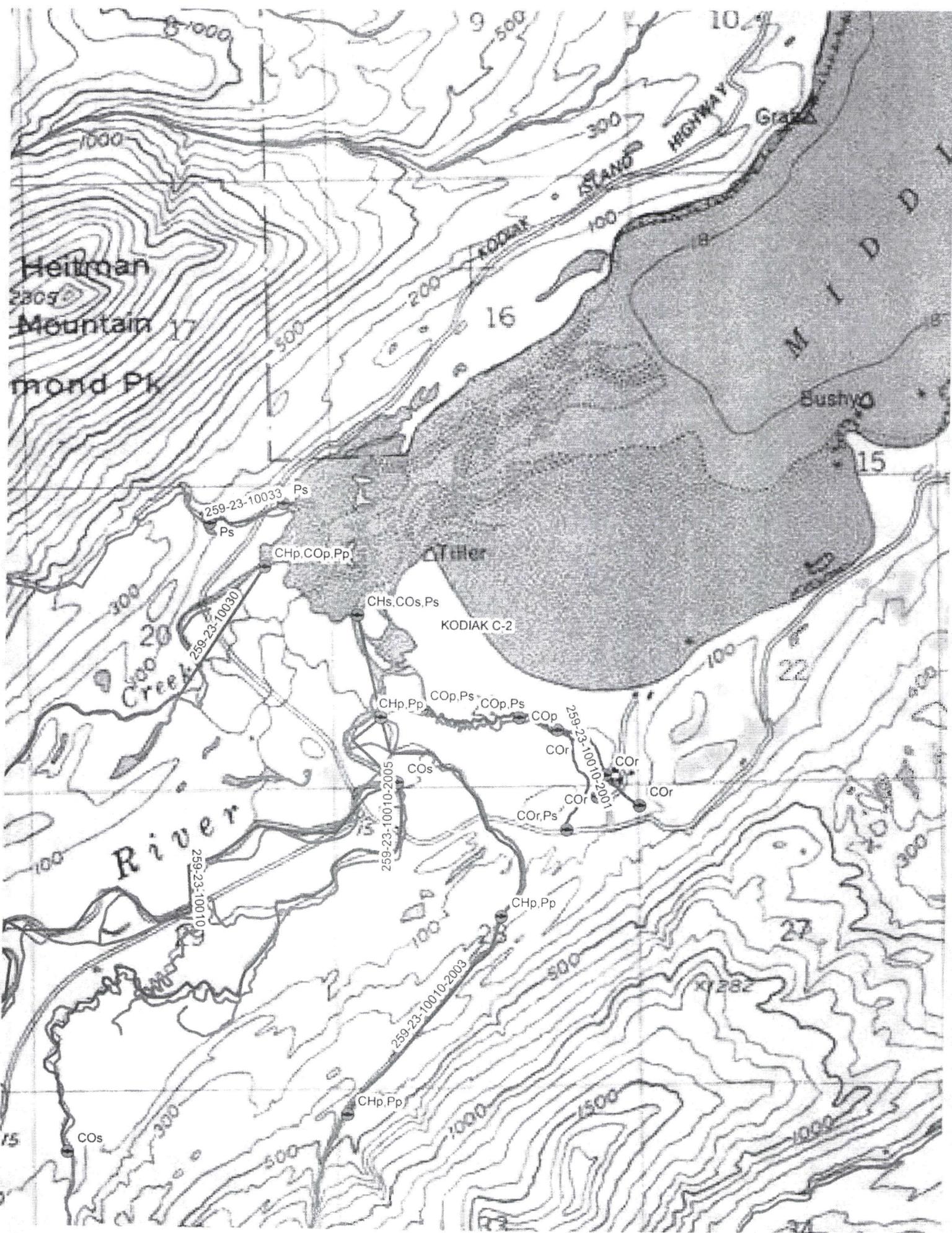
Image © 2009 DigitalGlobe

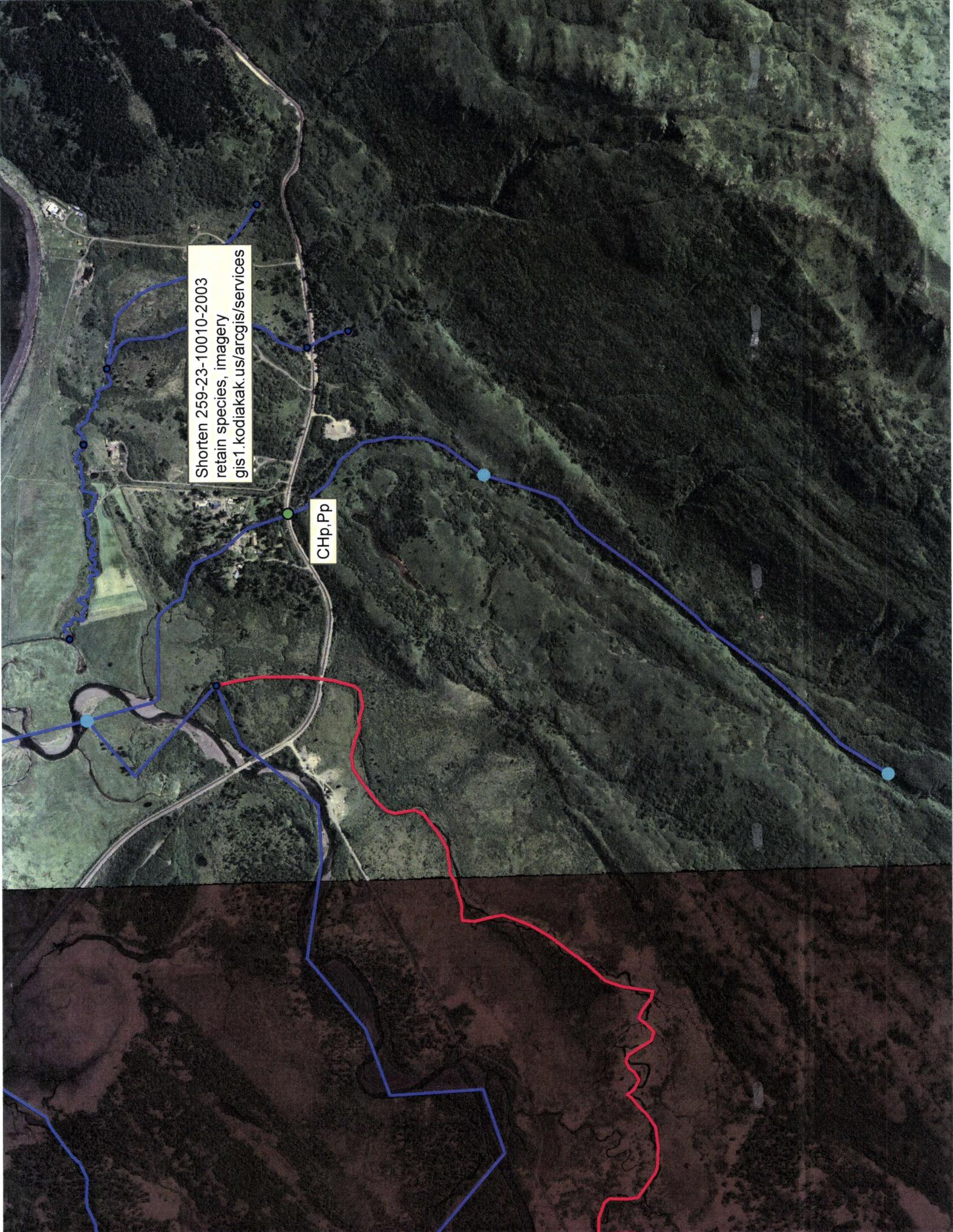
© 2009 Google

Imagery Date: Mar 10, 2006

57°38'55.87" N 152°29'15.92" W

Eye alt: 12589 ft





Shorten 259-23-10010-2003
retain species, imagery
gis1.kodiakak.us/larcgis/services

CHp, Pp