In July 2005, one 36” diameter culvert and all the related fill material was removed from a crossing of Piledriver Slough. A 40’ long, single span (flatbed railcar) steel bridge was installed at this private property driveway. Funding for the installation of the bridge was provided by the USFWS and the property owner.

Before

After

In July 2005, one 4’ diameter culvert and all the related fill material was removed from a crossing of Piledriver Slough. A 40’ long, single span (flatbed railcar) steel bridge was installed across this private property driveway. Funding for the installation of the bridge was provided by the USFWS and the property owner.

Before

After

Summary:

Culverts, beaver dams, poorly installed utility lines and illegally placed fill material are acting as barriers for free flowing water and the movement ("flushing") of ice and vegetation and unwanted nutrients in many of the sloughs in the FNSB. To achieve agency and community goals, maintain fish habitat and passage, and maintain or increase recreational use of the sloughs, the continued removal of these barriers is necessary.

Figure 1. Agencies represented in the Chena Slough Technical Committee.

Alaska Department of Environmental Conservation (ADEC)
Alaska Department of Natural Resources (ADNR),
Office of Habitat Management and Permitting (OHMP) and
Division of Mining, Land and Water (DMLW)
Alaska Department of Transportation and Public Facilities (ADOT/PF),
Planning Division
Chena Slough Neighborhood Committee (CSNC),
Chairman
Fairbanks North Star Borough (FNSB),
Planning Department
Fairbanks Soil and Water Conservation District (FSWCD)
Mayor of North Pole – Jeff Jacobson
Natural Resources Conservation Services (NRCS)
University of Alaska-Fairbanks (UAF)
Fisheries
U.S. Army Corps of Engineers (COE),
Regulatory Branch
U.S. Fish and Wildlife Service (USFWS),
Habitat Restoration Division
U.S. Geologic Survey (USGS),
Water Resource Division

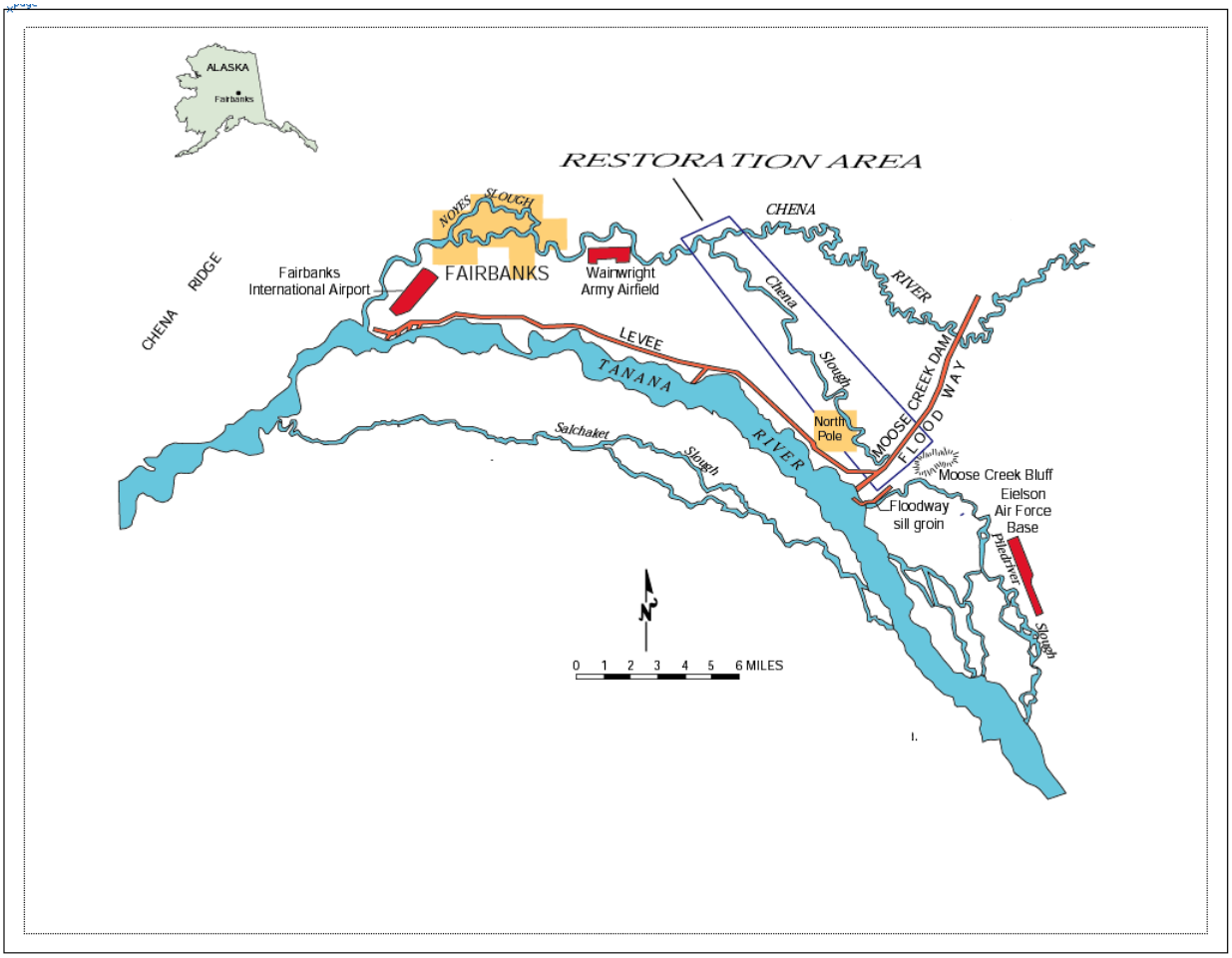

Figure 2. – Location of sloughs and the Chena River Flood Control Project dam, floodway and levee (figure provided by Ben Kennedy, USGS Water Resource Division).