



Constructing the permanent 30' wide by 3' deep channel downstream of the culverts and the bankfull bench on the left limit of the channel.

In July 2003, the Ingrid Road crossing of Piledriver Slough was washed out when water from the Tanana River inundated the slough. The subdivision was accessible only by foot for several days.



Piledriver Slough at Ingrid Road crossing

In October 2003, the 3-36" diameter culverts at the Ingrid Road crossing of Piledriver Slough were removed and replaced with a 70' long steel bridge (old weigh station scales). The agencies involved and the contractor agreed to go with the longer bridge in case the Tanana River ever flooded this section of Piledriver Slough again. Funding was obtained from the USFWS, a State grant, and in-kind work performed by the residents of the subdivision.



Before



After

In August 2004, an old (unsafe) bridge with abutments in the stream bed was removed and replaced with a free-span 40' long steel bridge (flatbed railcar) at the Bradbury Road crossing of Piledriver Slough. The residents had created a low water crossing in the stream immediately downstream of the old bridge. The new bridge was purchased and installed using USFWS grant monies.



Old bridge on left, new bridge on right (over the top of the low water crossing)

In August 2004, one 36” diameter perched culvert was removed from Twentythree Mile Slough. This culverted crossing completely blocked the upstream and downstream passage of fish for 15 years. The ADNR-OHMP, ADNR Lands and US COE had all issued notices of violation and requested that this culvert be removed. This crossing provided access to a private agriculture lot. Once the culverted crossing was removed, a free-span 40’ long steel bridge (flatbed railcar) was installed downstream from this site. Funding for the installation of the bridge was provided by the USFWS and the property owner.



Before



After



New bridge downstream from original crossing

For mitigation, the property owner removed an old earthen/grown-over/beaver dam located approximately 200 feet upstream of his original culverted crossing.



Before



After