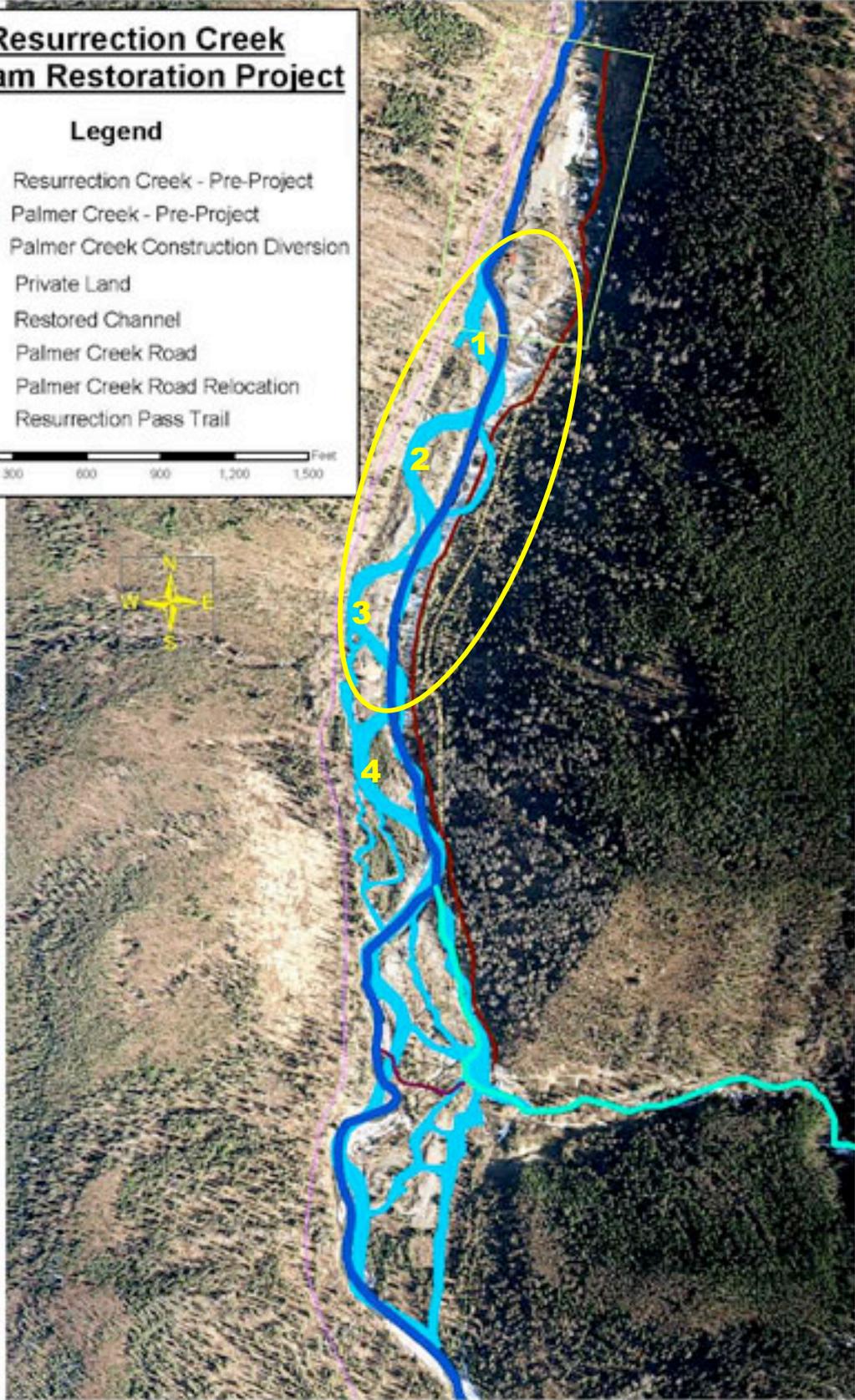


Resurrection Creek Stream Restoration Project

Legend

- Resurrection Creek - Pre-Project
- Palmer Creek - Pre-Project
- Palmer Creek Construction Diversion
- Private Land
- Restored Channel
- Palmer Creek Road
- Palmer Creek Road Relocation
- Resurrection Pass Trail

0 150 300 600 900 1,200 1,500 Feet



Resurrection Creek Stream Restoration Project – 6/6/05 Progress Report

As of Monday, June 6, 2005, much of the rough out work has been done on the lower (northern) three channel meanders. Water is flowing in all three meanders. Work is currently proceeding on the inside bend (east side) of meander #3 to level out the floodplain and develop a spawning/rearing side slough down the east side of the meander. Initial excavation work and floodplain development is in progress on meander #4 “in the dry”.

Large wood/log jam structures are being placed in several locations on the main stem channel and are showing excellent success in creating in-channel pool habitat. Side sloughs are functioning very well but will likely require some adjustment.

Meander placement has reduced stream channel gradient and greatly increased pools and glides within the main stem. Channel gradients are stabilized using cross channel boulder ribs, set in at the level of the channel bed. The greatly widened floodplain provides a relief valve for high velocity peak flood flows.

The road to Palmer Creek which is located on floodplain for part of its length has been covered with gravel/cobble both to set floodplain elevations and to reduce any potential sedimentation by heavy equipment. An upper road along the terrace to the east of the floodplain has also been graveled and is an alternate access up Resurrection Creek. The lower road will be closed off and incorporated into the floodplain as the project progresses.

We met on Friday with the private land owner, and discussed the final layout for meander #1. At present, this meander is only partially completed, and additional channel excavation will take place in the dry to complete the upper portion of this meander where it enters onto private land.

Channel work for the week of June 6, 2005 will focus on side channel slough development on meander #3, and main channel excavation on meanders #4 and 1. We are extremely pleased with the quality of the habitat being developed by the project, and the rate of construction progress being made.