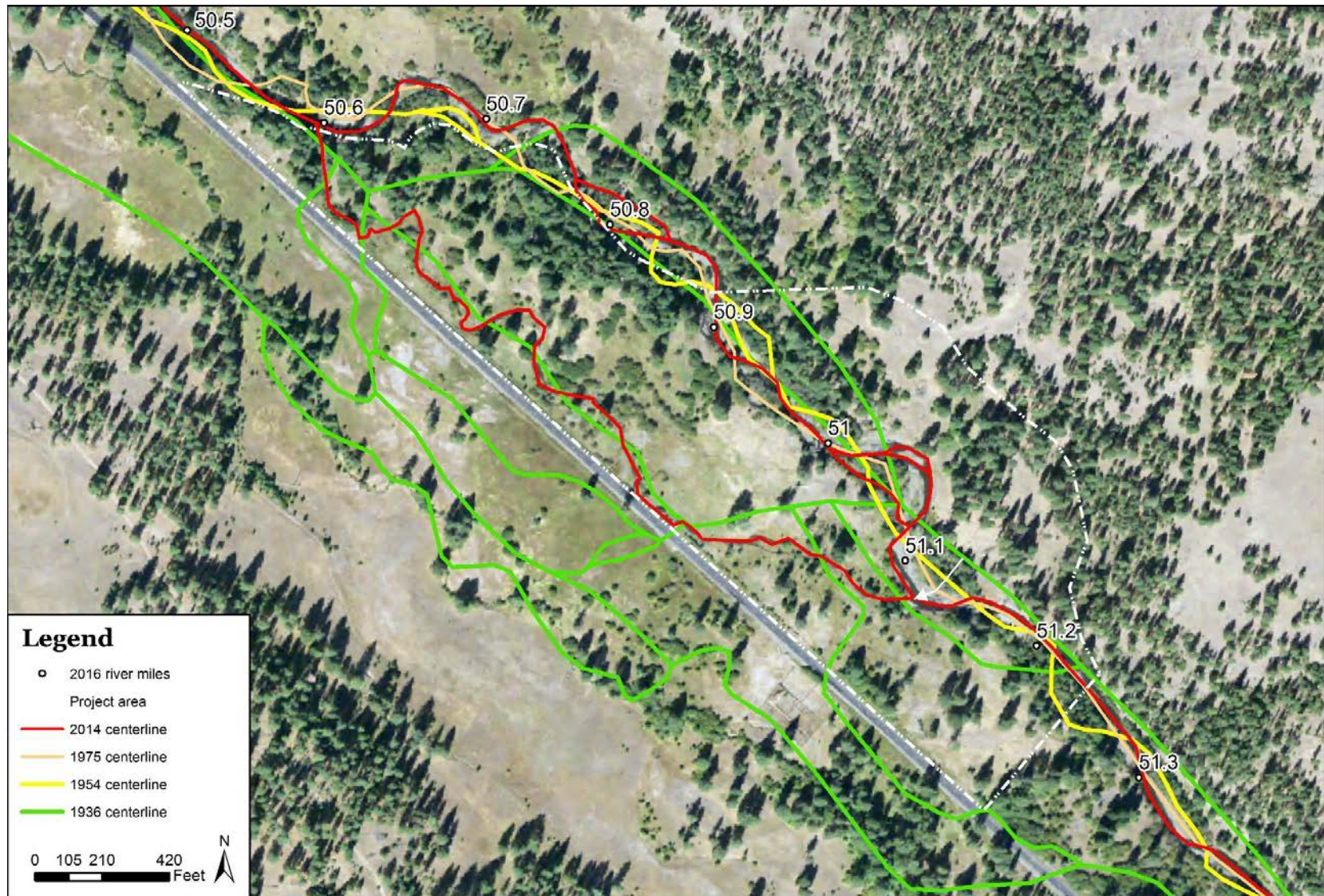
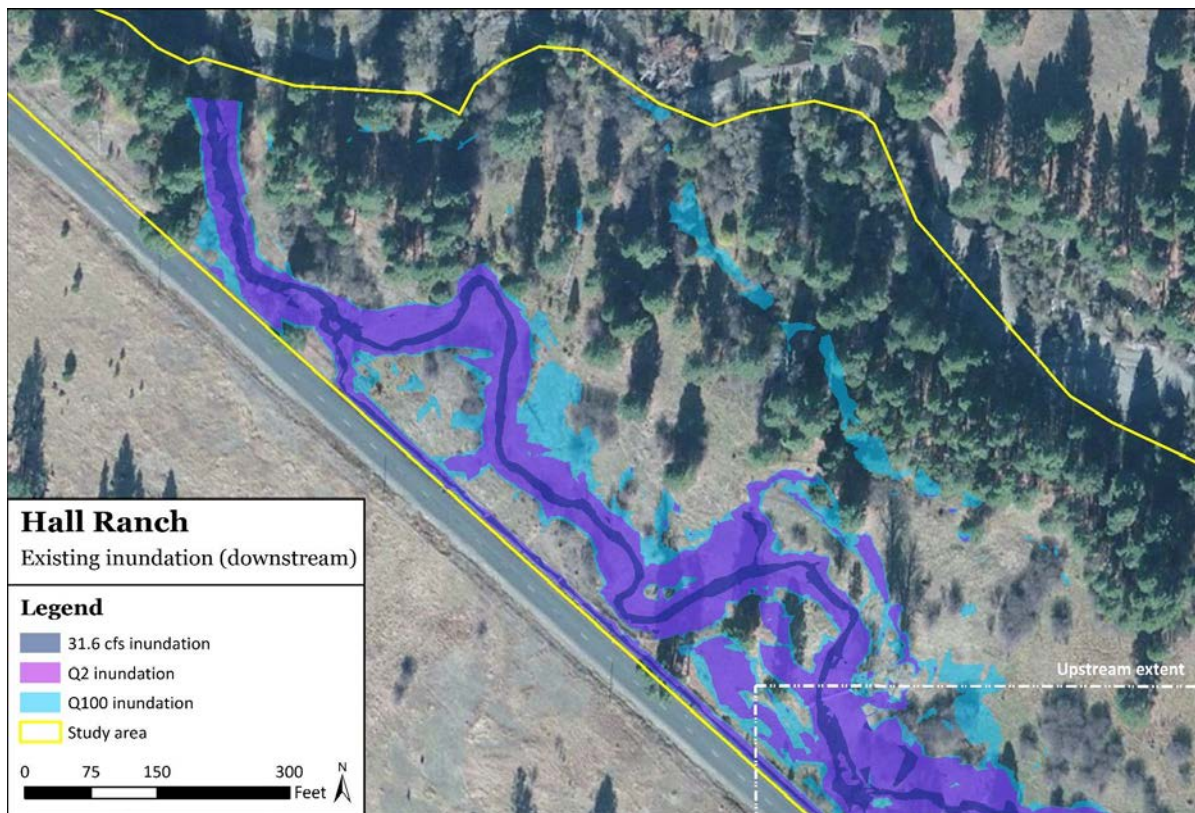
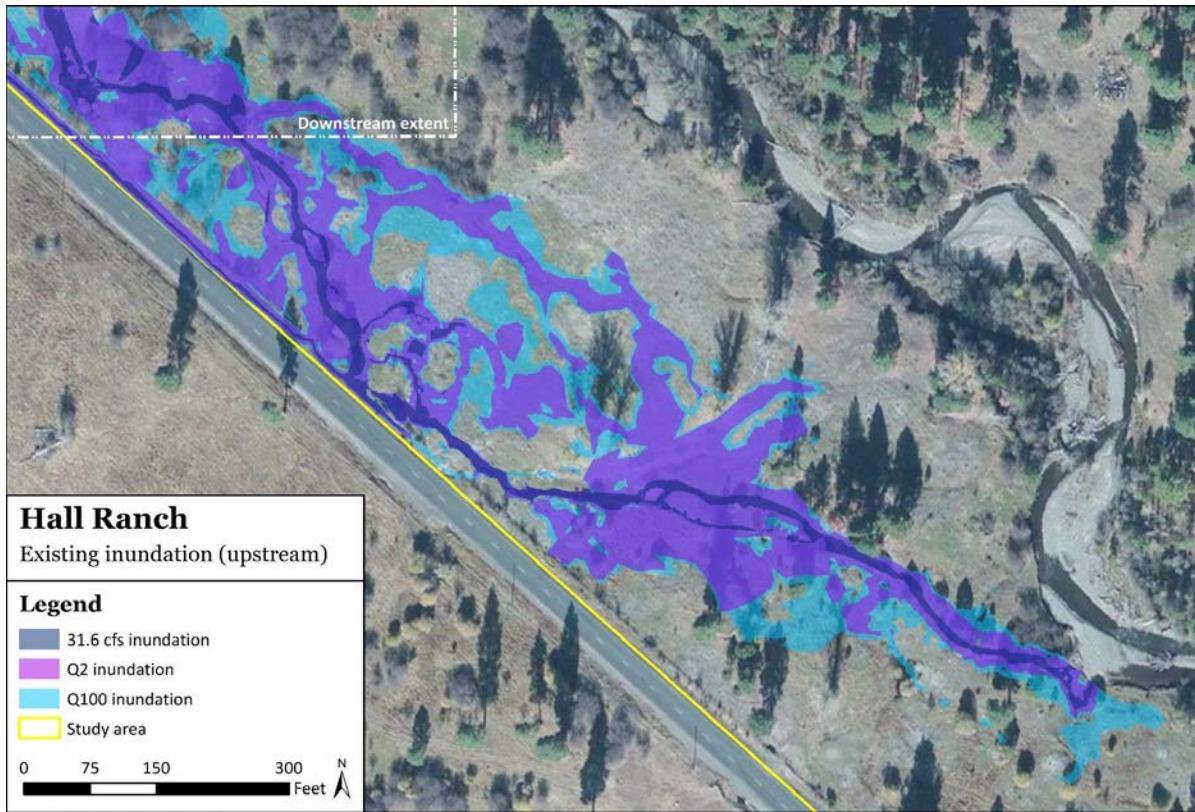


**Figure 3.** Historical imagery and centerlines of Catherine Creek in the project area vicinity, 1936 and 1954. The Study area encompasses Phase 1 of the Hall Ranch project. Phase 2 encompasses the entire Hall Ranch.



**Figure 4.** All historical centerlines of Catherine Creek on a 2014 image. White arrow shows area of consistent southwest channel migration since 1936.



**Figure 5.** Modeled Inundation under Existing Conditions for the upstream and downstream portions of the side channel complex on the Hall Ranch property.