

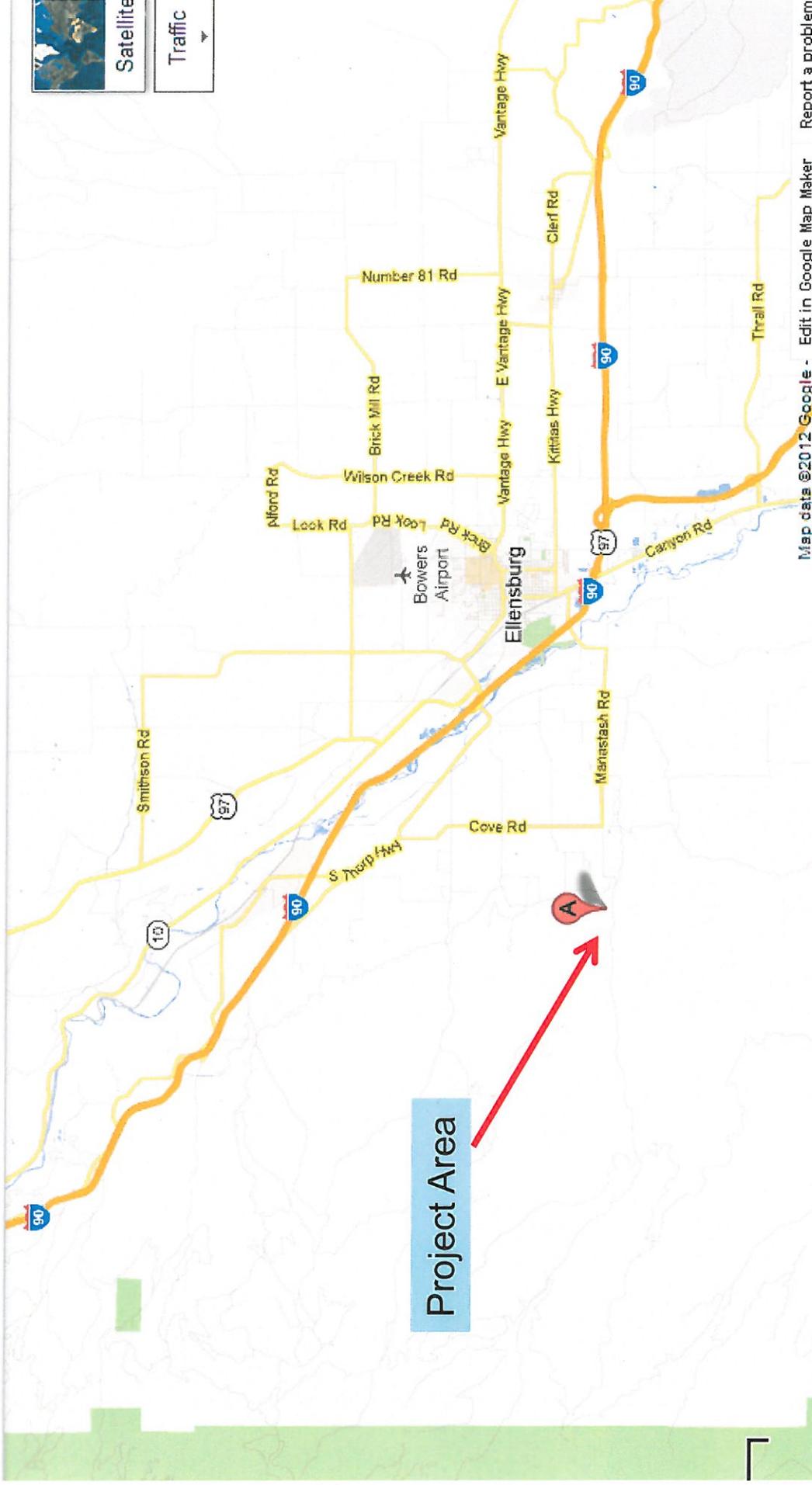
Project Narrative – Manastash Creek Modification of Secondary Channels on Berger Property

The proposed project will remove gravel bar plugs from the entrances of three secondary channels. This action will direct a substantial portion of high flows through these channels and reduce flooding of adjacent property. The work will be done with a trackhoe during the low flow period and will be isolated from the flowing water of the creek with sand bag dams. The excavated gravel plug material will be dispersed in the adjacent shoreline in a manner that does not limit flood flow access to the floodplain.

Background: There are several secondary channels of Manastash Creek on the Berger property. Major flooding occurred in 2011 and caused changes in the flow path of Manastash Creek and significant channel aggradation on the Berger property. At normal spring conditions the creek now flows out of the channel into the floodplain, flowing across the yard near the house and across neighboring properties. Approximately 10 cubic yards of gravel was removed from the entrances of each of three secondary channels in 2011 but this did not significantly change the distribution of flow in the channels. The current proposal will remove most of the remaining gravel bar at each secondary channel entrance.



8771 Manastash Road, Ellensburg, WA



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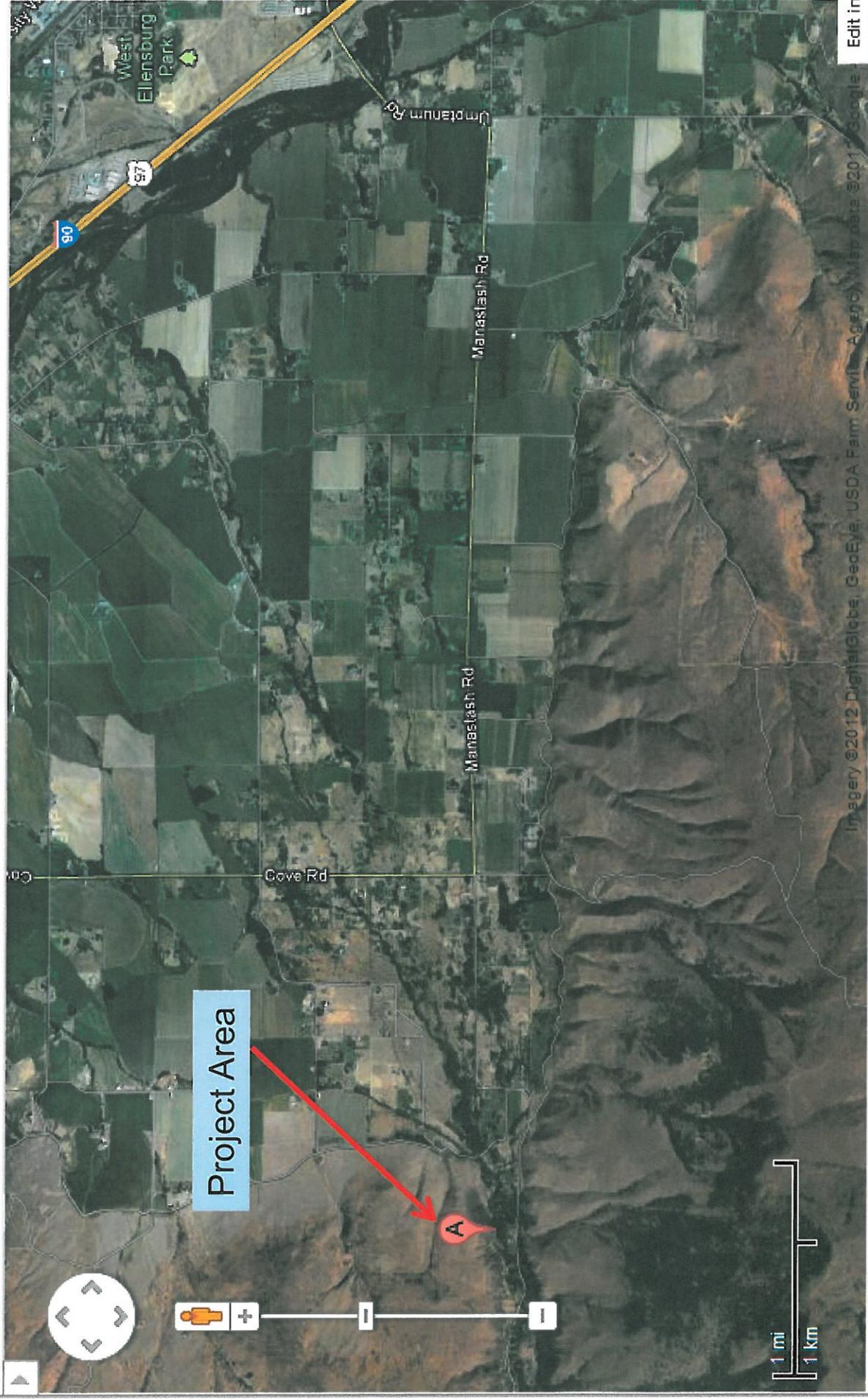
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View looking south during May 15-16 flood

Project Area

Berger Residence

