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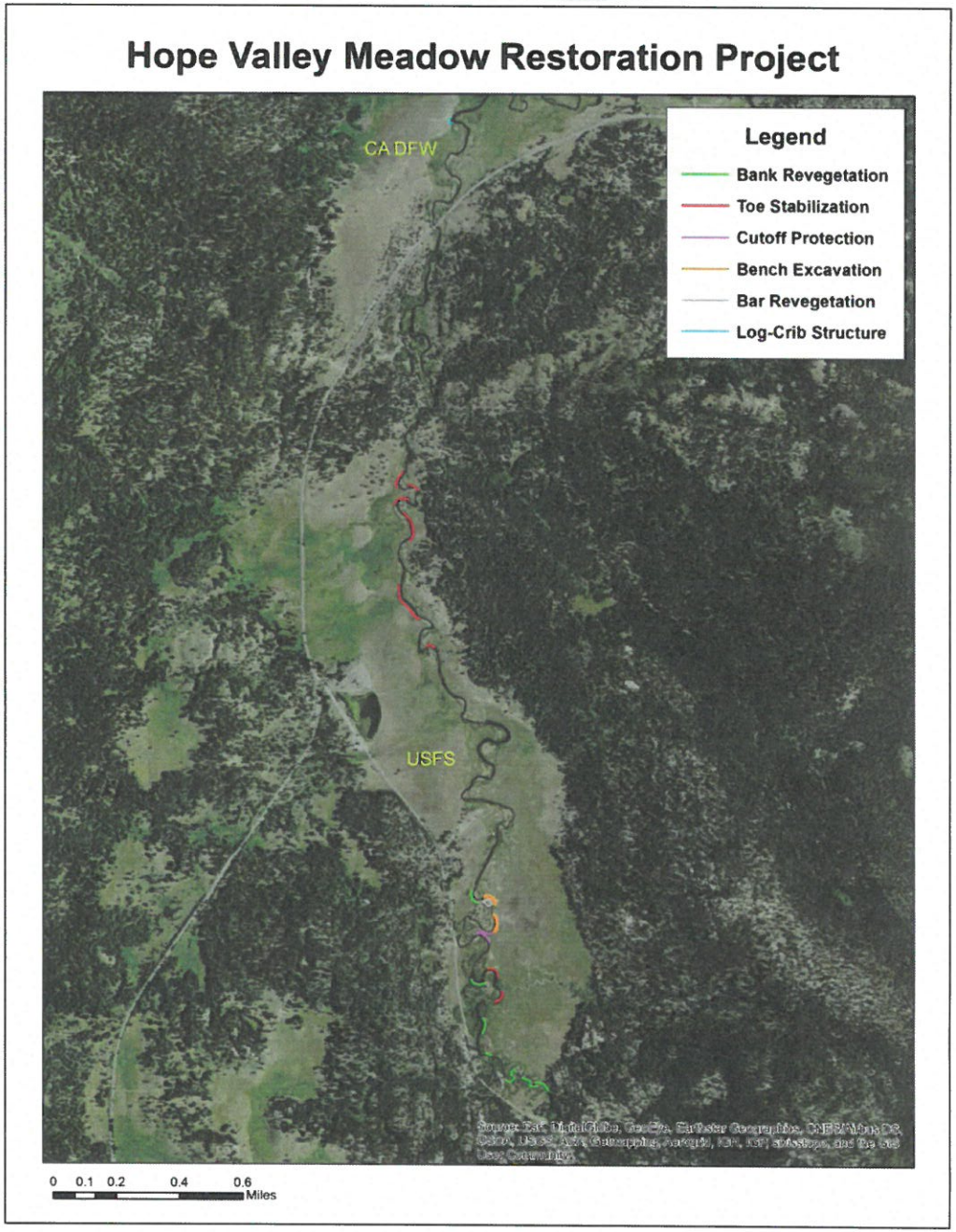
5 Primary Restoration Activities

1.Vegetative Stabilization
2. Stabilization of Streambank Toes
3. Meander Cutoff Protection
3. Floodplain Benches
5. Log crib bank stabilization
(CA DFW)
Hand Labor – headcut repair

Repaired approximately 1 mile of streambank

CDFW implemented 2015

USFS implemented 2016



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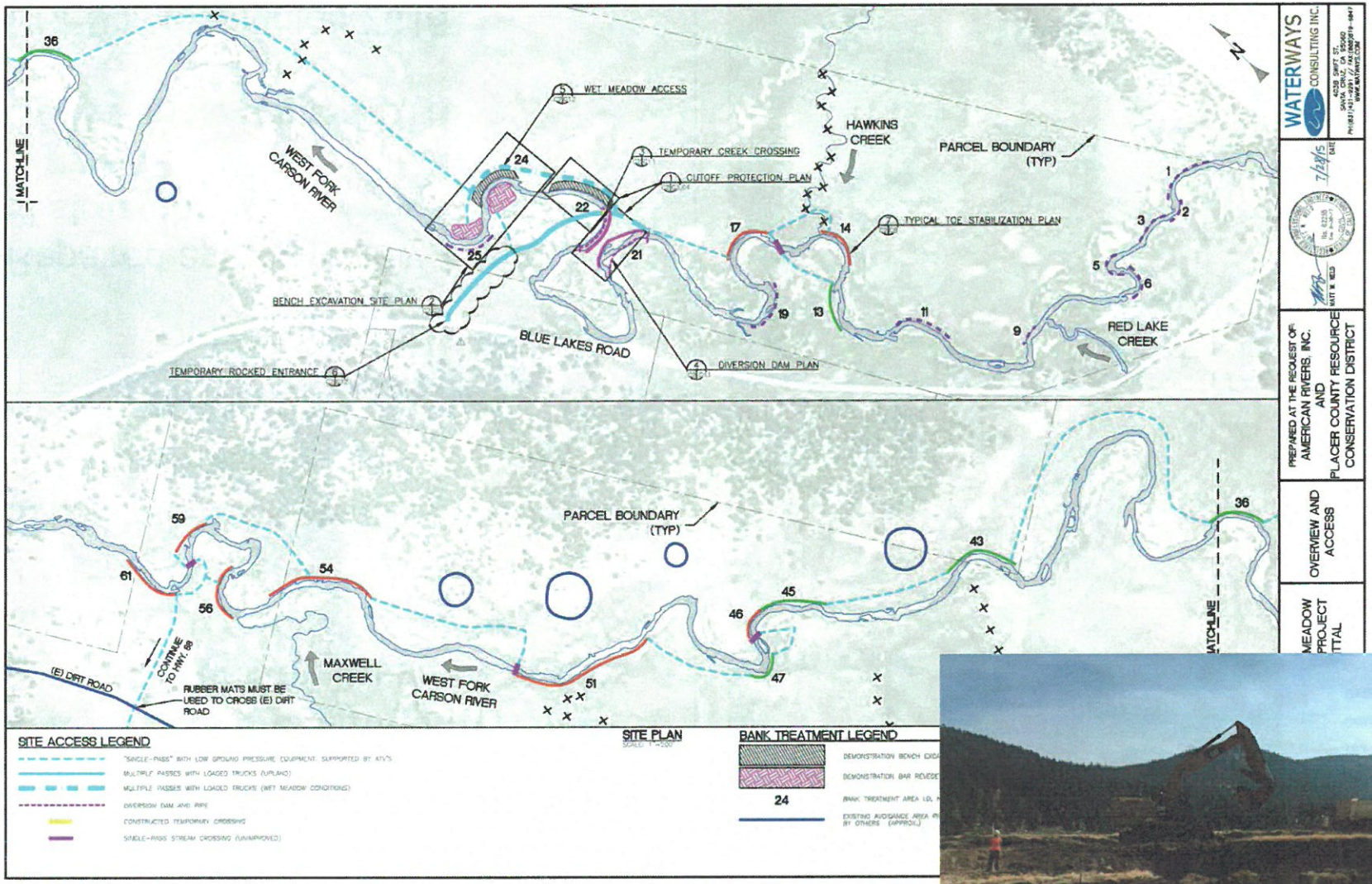
USFS Site - Implemented 2016



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Meander Cutoff Protection

Bank Protection to Prevent:
Channel shortening of 1500 ft, loss of 3 ft of profile grade

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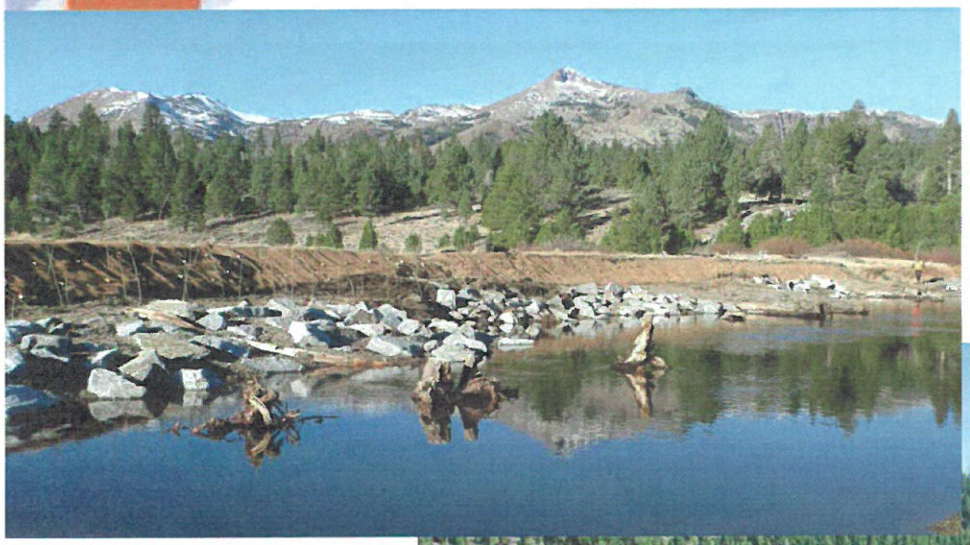
Meander Cutoff Protection



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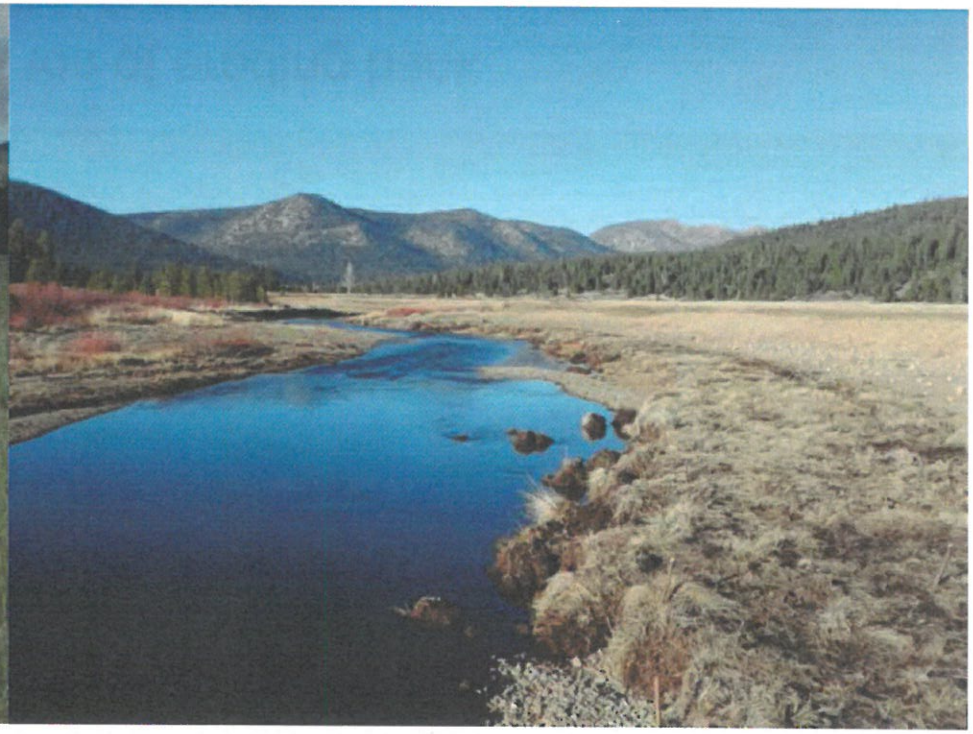
Floodplain Benches

(At Two Demonstration sites)



- Created stable inset floodplain where erosion is currently highly active (highest, most unstable banks)
- Favorable access site, monitor to inform future restoration work

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Stabilization of Streambank Toes

Sod block placed at toe of eroding bank
Mimics natural process

Completed high priority sites in 2016
Hopefully complete remaining sites in 2017

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Vegetative Stabilization

- Light-handed
- Low cost, low risk
- Increase riparian cover

Used along less impacted streambanks and to repair headcuts

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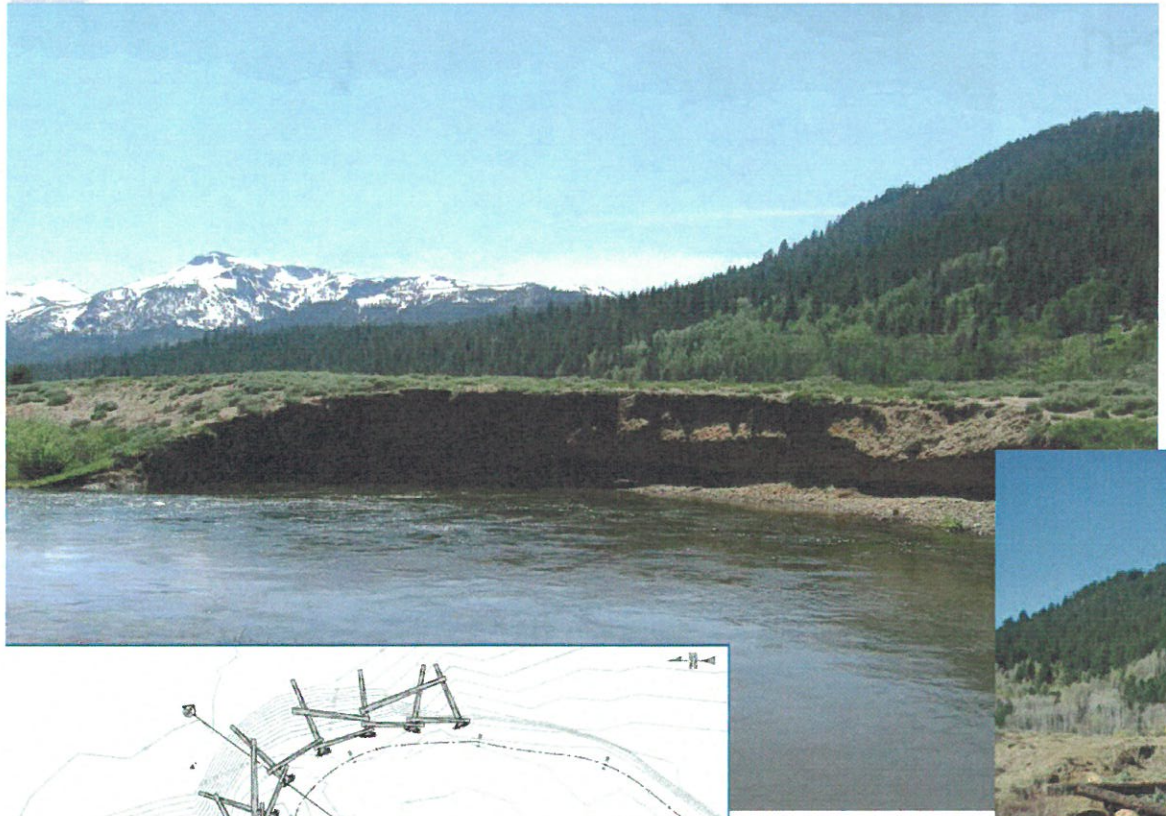
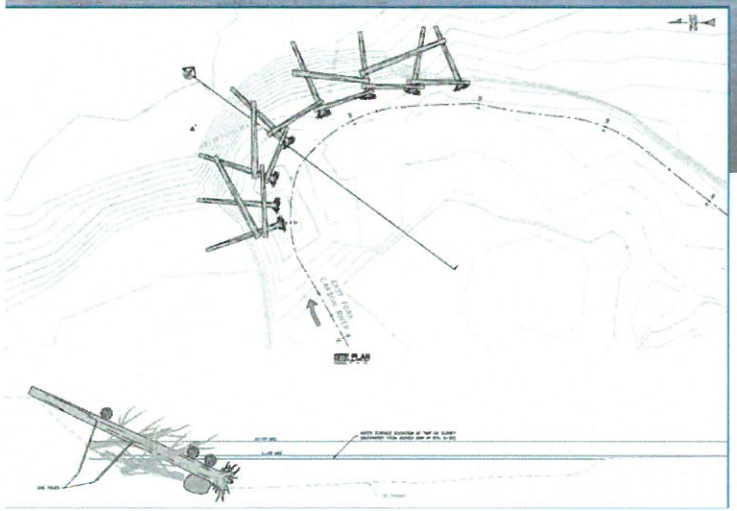
Log Crib Bank Stabilization Implemented 2015



Stabilize high, eroding bank using log-crib structure & willow plantings



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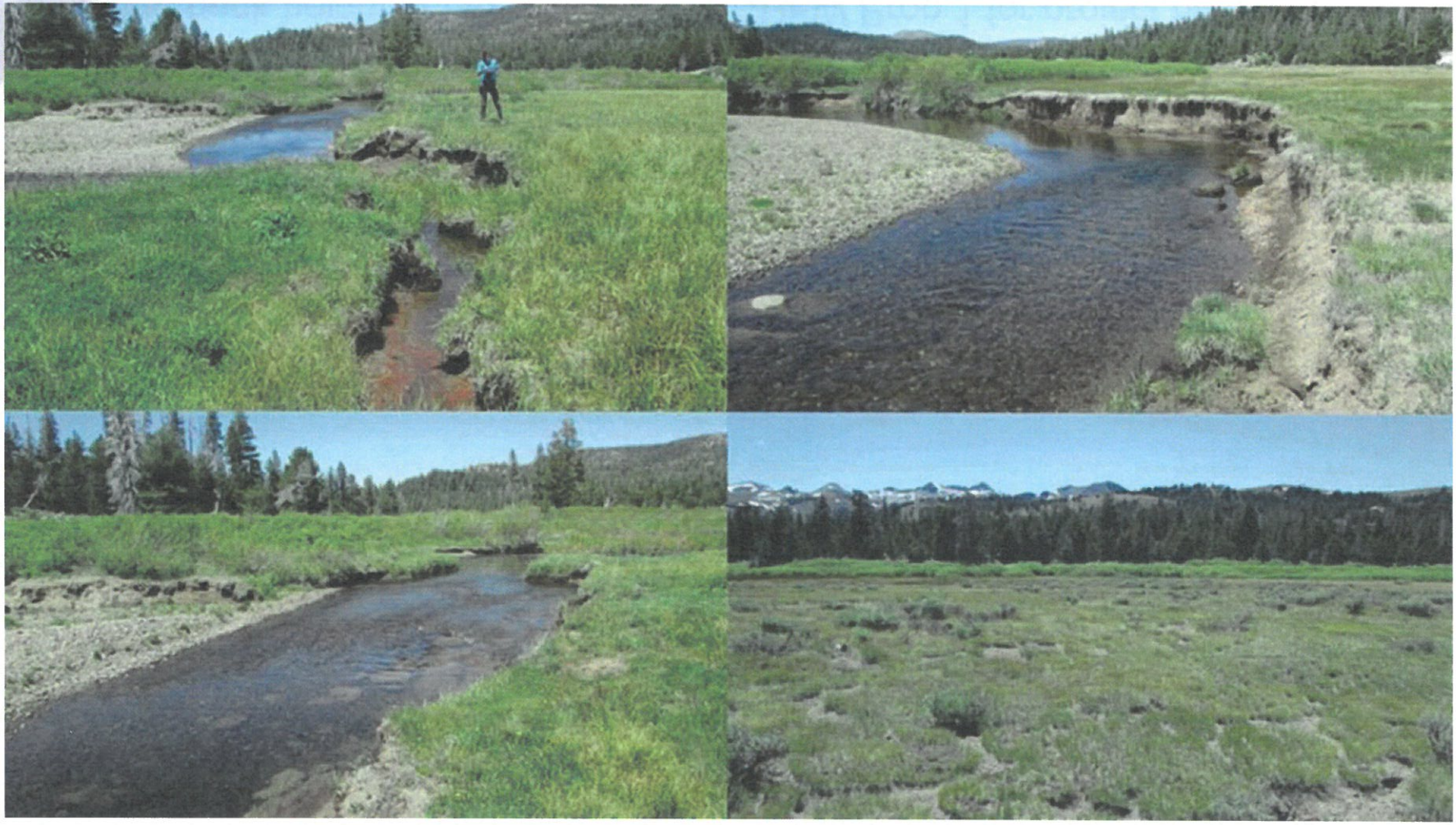
Faith Valley



Impacted bank height and stability, 2 headcuts, Yellow-legged frog critical habitat, recent willow flycatcher breeding site

National Fish and Wildlife Foundation and CDFW Prop 1 for project planning beginning this season

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Forestdale Meadow

Impacted bank height, 4 headcuts, Yellow-legged frog critical habitat, recent willow flycatcher breeding site,

CDFW Prop 1 for project planning beginning this season