Lower South Fork McKenzie River Floodplain Enhancement Project

Reviving a Biological Hotspot

FOREST SERVICE U.S. DEPARTMENT OF AGRICULTURE

McKenzie Watershed Council

OREGON WATERSHED ENHANCEMENT BOARD OWEB

US Army Corps of Engineers®

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U.S. FISH & WILDLIFE SERVICE

OREGON Fish & Wildlife

UNIVERSITY OF OREGON

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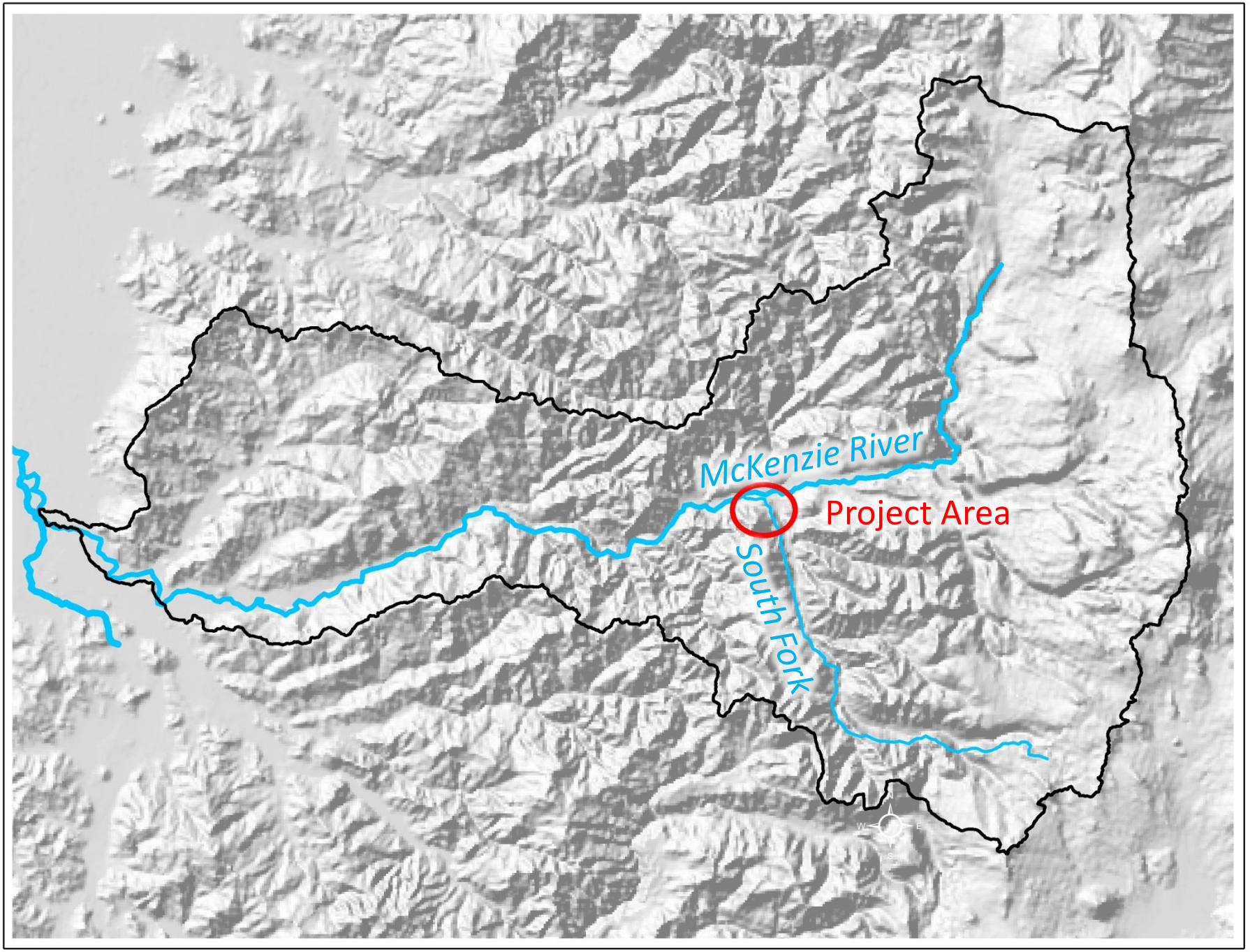
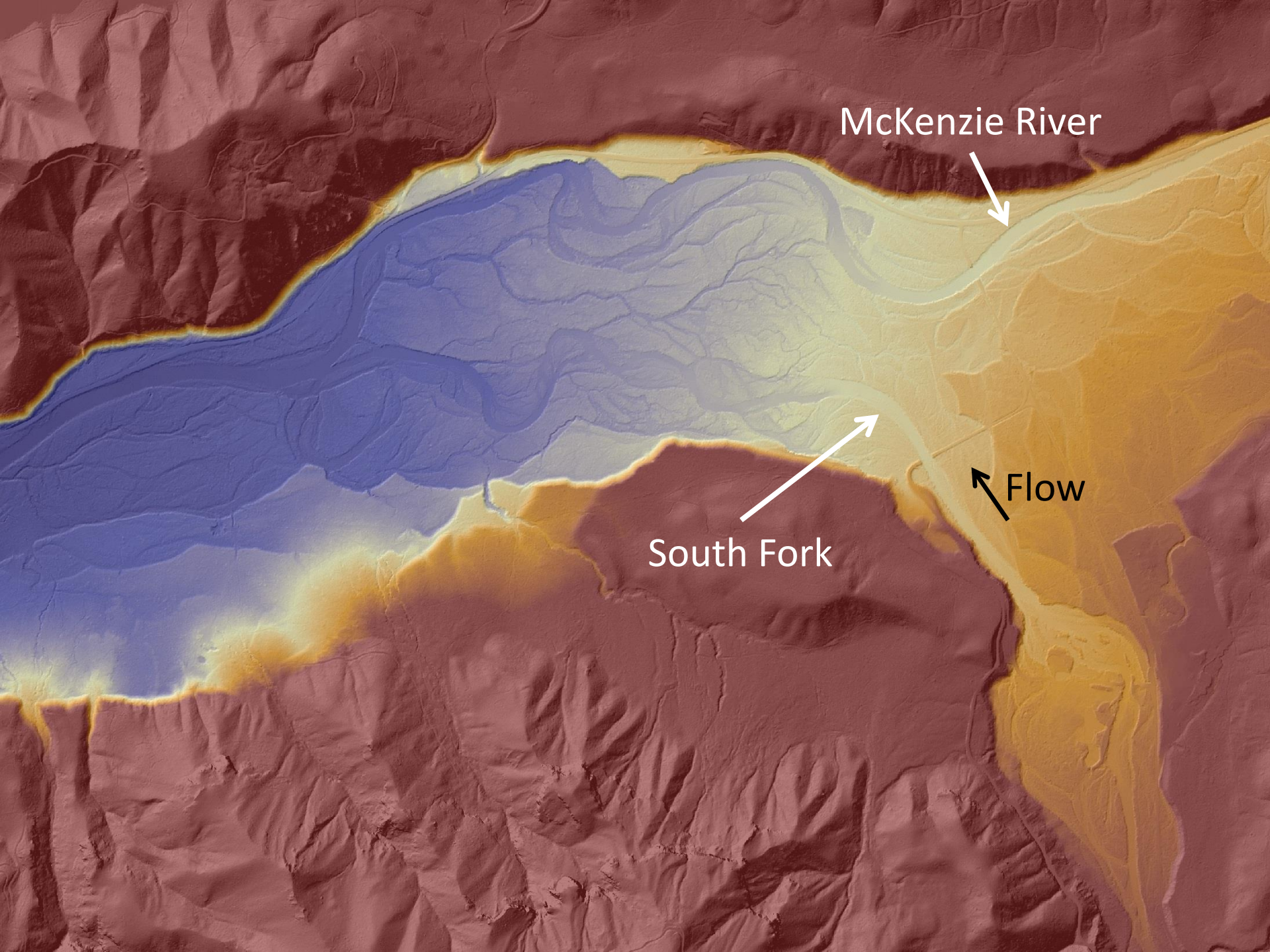
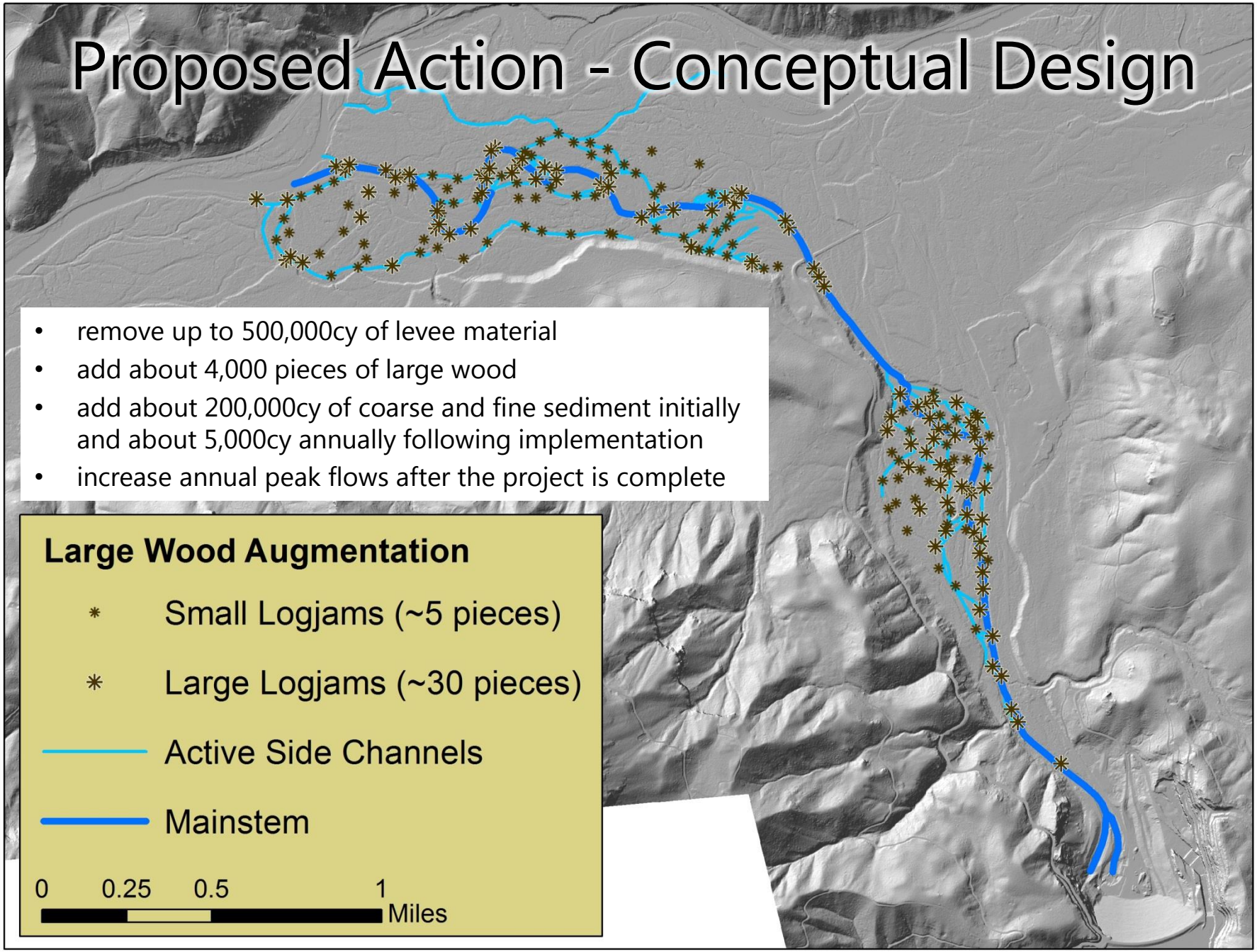
TROUT UNLIMITED


McKenzie River
Project Area
South Fork

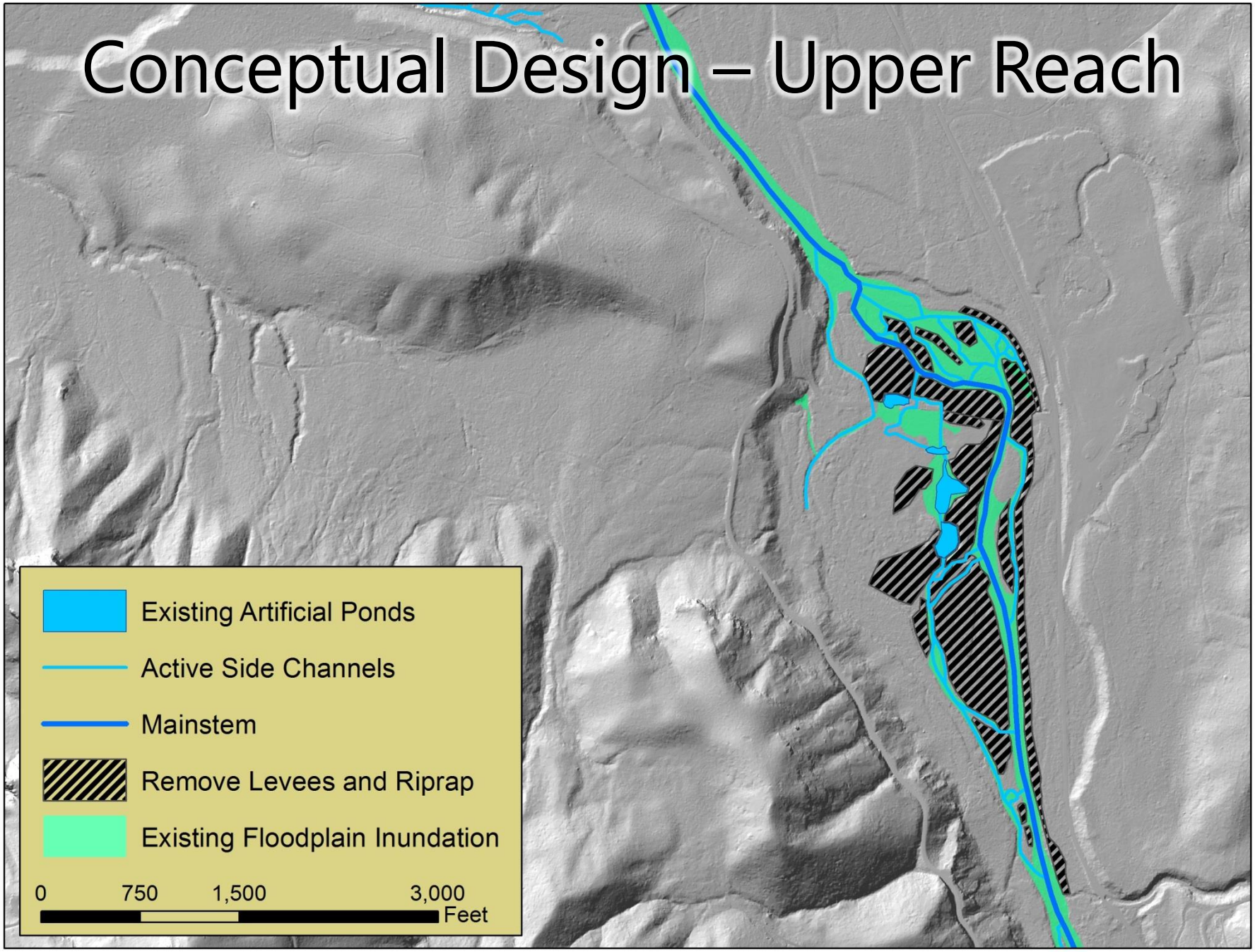

McKenzie River
Flow
South Fork

Proposed Action - Conceptual Design

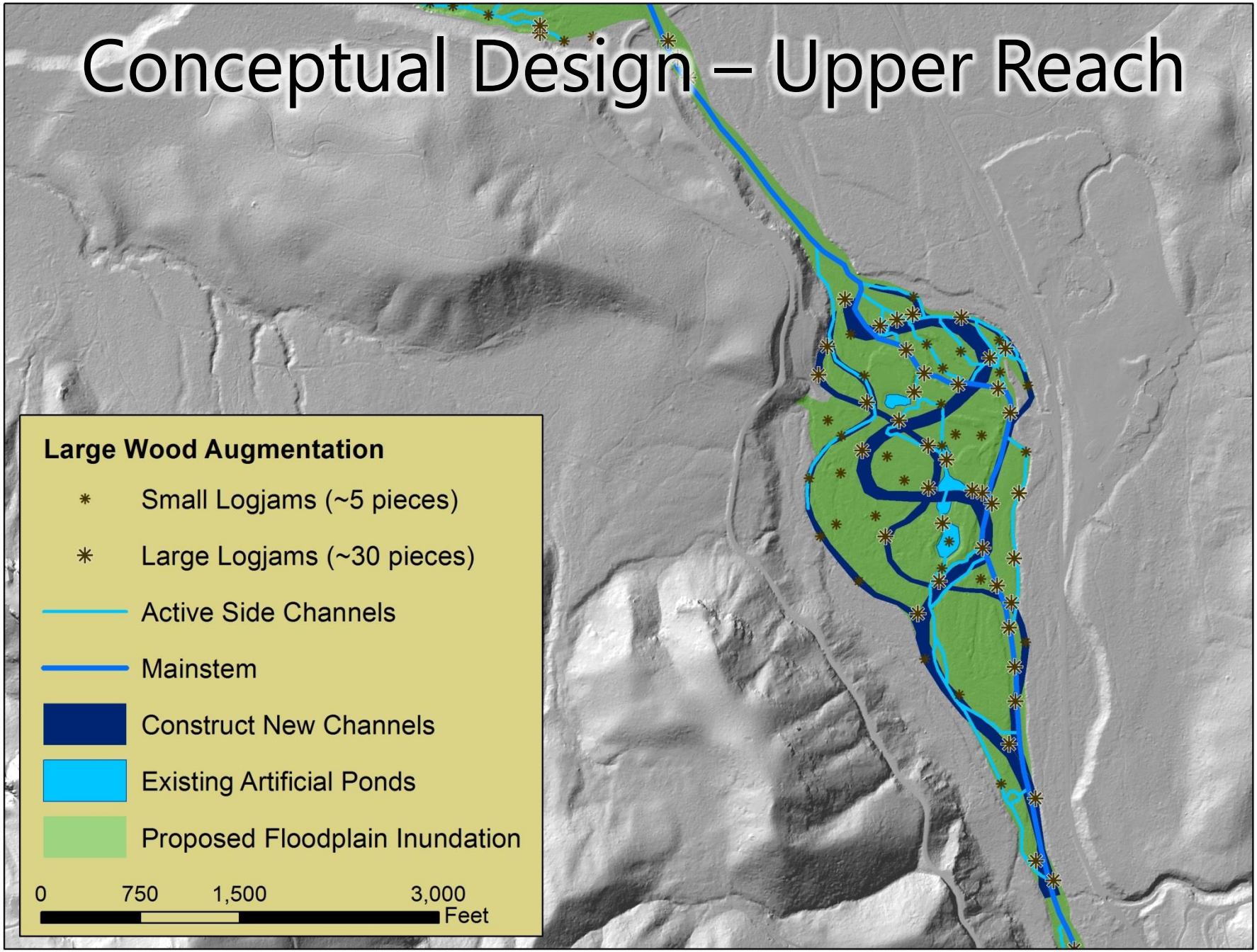
- remove up to 500,000cy of levee material
- add about 4,000 pieces of large wood
- add about 200,000cy of coarse and fine sediment initially and about 5,000cy annually following implementation
- increase annual peak flows after the project is complete



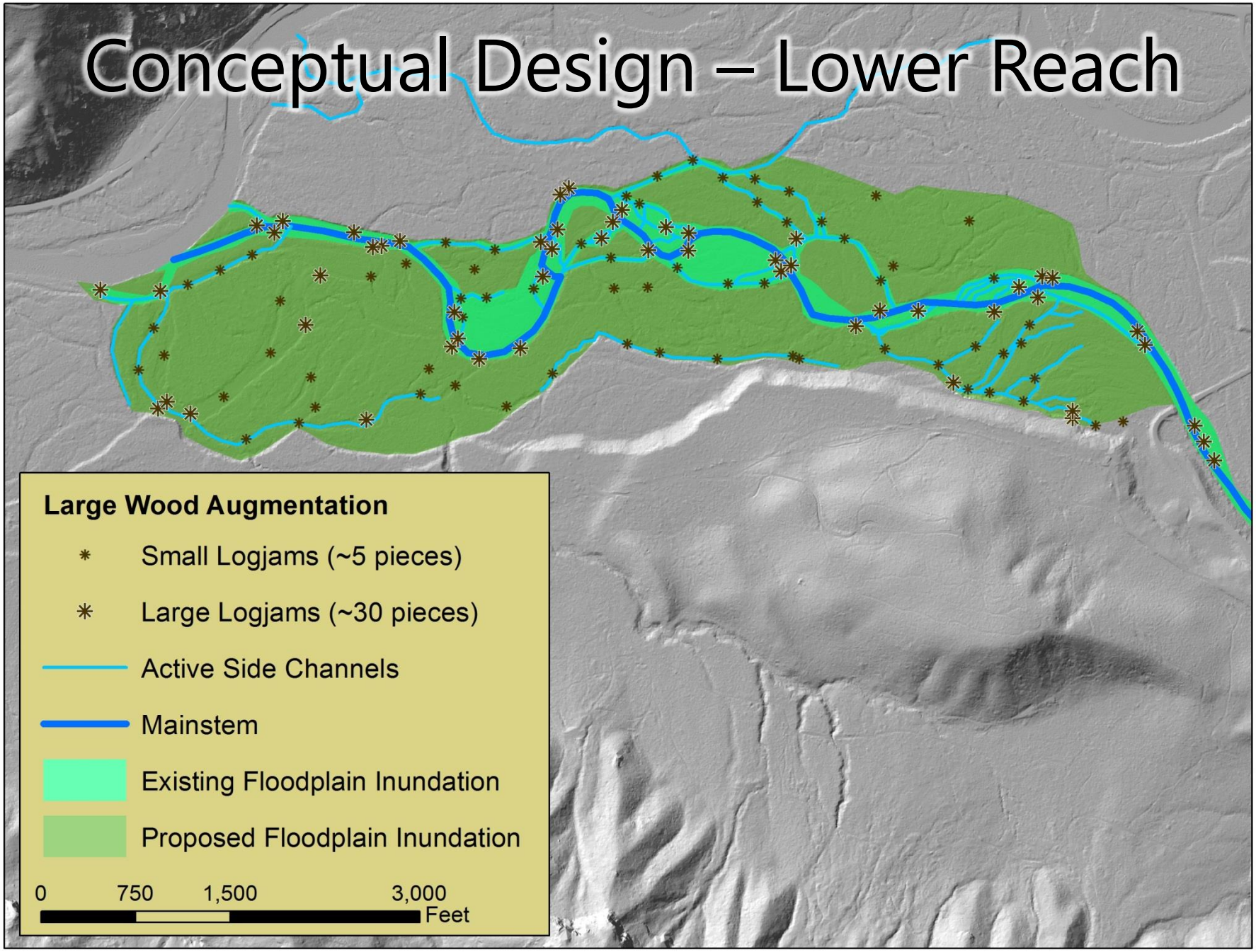
Conceptual Design – Upper Reach



Conceptual Design – Upper Reach



Conceptual Design – Lower Reach



Reference logjam within project area

Reference wood loading in nearby, undammed stream