|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Project Name** | **Applicant Name** | **Amount Requested** | **Matching Funds** | **Total Project Cost** | **Project Location****(Zone)** |
| Cub River Habitat Restoration | Trout Unlimited | $52,800 | $5,000 | $57,800 | 3 |

Executive Summary

This project proposes the planning and design of a stream and riparian habitat restoration project on a 39-acre Idaho Transportation Department (ITD) property along the Cub River in Franklin County, Idaho. The site includes historically straightened and incised channel segments with disconnected floodplain and degraded riparian and wetland habitats. The project seeks to address these impairments through a restoration design that restores ecological function, improves habitat quality, and supports long-term resilience for native fish and wildlife species.

Trout Unlimited will contract a qualified design firm to complete geomorphic and hydraulic assessments, wetland and vegetation surveys, and restoration designs that reestablish natural channel alignment, expand wetland extent, and promote native riparian vegetation. The final design will include drawings, cost estimates, and implementation guidance compatible with ITD’s mitigation objectives and be coordinated with the Parkinson Road bridge replacement.

The desired future condition is a reconnected floodplain with a stable, meandering stream channel, complex in-stream habitat, and a diverse riparian corridor supporting native plants and improved water quality. This restoration will provide habitat for migratory Cutthroat Trout, including summer rearing, and overwintering, as well as improve conditions for other native fish, amphibians, migratory birds, and wetland-dependent wildlife.

The project directly supports multiple conservation planning documents, including the Idaho State Wildlife Action Plan and the Bear River Watershed Conservation Area Plan. It will deliver long-term ecological benefits to the Bear River watershed by enhancing landscape connectivity, improving habitat processes, and preparing the site for future implementation funding. Monitoring during the design phase will document existing conditions and model projected outcomes, and all final deliverables will be shared with project partners and land managers.

By improving the functionality of this mitigation site and integrating transportation and conservation goals, the project represents a collaborative and strategic approach to restoring habitat in a high-value landscape for fish and wildlife.