



Moonshine Creek Fish Passage Planning and Design Professional Engineering Services

RFP NO. 2025-07/444-025

Response to Requests for Clarification:

1. Is the water pipe buried?

Answer: The pipe is above the streambed where it crosses these streams and underground in the fields. We are only removing the sections within the stream channel, cap/fill, re-bury the ends. We are not proposing to excavate pipe from upland areas.

2. What are the sizes of the culverts?

Answer: The culverts are 40 ft long. The unnamed tributary is 2.5 ft and Moonshine Cr is 3.5 ft diameter.

The road surface is about 12 ft higher than the top of the culvert.

3. What is the bank full width near the road crossings? Answers.

- Unnamed tributary is 10 ft bankfull, and about 25 ft over-bank channel
- Moonshine Cr is 20 ft bankfull and about 30+ ft over-bank channel
- The pipeline removal sections are about 30 ft long in channel.

4. What is your budget?

Answer: Consistent with “FAR Subpart 36.605, Government cost estimate for architect-engineer work.” The overall amount of the Government’s estimate shall not be disclosed. Similarly, the CTUIR will not disclose the budget.

5. Who will perform cultural surveys/permitting?

Answer: CTUIR Cultural Resources will conduct surveys and 106 consultation.

6. Are you expecting to perform geotech?

Answer: The engineer can determine the need or timing for geotech. We recommend for price comparison purposes that costs are estimated by line item. For example, survey type, extent, etc.

7. What hydrologic event are you seeking to design for capacity?

Answer: The design will need to meet the NMFS, FWS and State fish passage standards, road crossing guidelines, and meet the HIP IV review standards – and any other applicable standard (such as ODOT, County Road, etc.).

Sizing is site specific and will be addressed during design. A project design on a similar-sized stream has bottom span of about 21-22 ft.

The CTUIR fisheries passage project aims to pass all native species and life stages of fish present in a watershed.

8. How will permitting be accomplished?

Answer: The design engineer would be involved in the BPA HIP IV process during the design iterations which initiate the federal and state permitting processes (NEPA, ESA, 106). The contractor would assist in populating values in the US CoE/State Joint Permit Application and CTUIR stream alteration permit (available at: [stream-zone-alteration-application-08_2025.pdf](#)) regarding the proposed project and design elements.

Much of the permitting closes after the final design and would be finalized by CTUIR. It is possible that a question or clarification may be needed during the permit process.

9. Is cost part of your contractor selection?

Answer: Yes, see PART III – Selection Criteria, III. Cost, in the RFP.

10. Do you have an engineering firm in mind for this project?

Answer: No, we seek to acquire A&E services through a competitive process.

11. Do you want to include a property boundary survey?

Answer: A boundary survey is not necessary with this project.

12. How to estimate construction observation?

Answer: Construction oversight tasks we seek include:

- engineer onsite at critical periods of construction, or as needed;
- design adjustments/change orders;
- specification approvals from contractor (such as purchased items);
- questions/clarification during construction;
- pre-construction stake out;

- final walk through;
- as-built drawings.

For proposal packages, please identify quantity of hours and rate for staff needed (for example, engineer, support staff, surveyor, geologist, etc. and associated travel).

Culvert replacements will need to be implemented sequentially to allow driveway access for the residence in between the channels.

13. Do you expect the County to request alterations to the road during the project?

Answer: No. The County has been involved in commenting on similar projects and has not made any changes to the roads or alignments.

14. Does CTUIR maintain any established survey control monuments or benchmarks near Cayuse Road or within the Moonshine Creek project area that contractors should tie into? If so, could you please provide reference information or coordinates?

Answer: There are known corner monuments for the PLSS system across the reservation. We desire for all surveys to start from a known monument which are often corner monuments on the PLSS system. We cannot guarantee a monument or previous control can be identified in the field. Identifying these would be in the early part of the proposal when information and data are compiled and determining if a control can be located. Marathon has a petroleum pipeline across the field (running parallel to the tributary) to the east of the unnamed tributary. There may be a benchmark or control in their ROW.

15. Attachment B §1.1.2 specifies a “minimum level of accuracy for all survey work (1/100 ft).” Could CTUIR confirm whether this requirement refers to:

- a. a closure ratio (e.g., 1:10,000)
- b. coordinate precision of deliverables (two-decimal-place output), or
- c. a field accuracy tolerance (e.g., ± 0.01 ft horizontal / ± 0.1 ft vertical)?

Answer: Survey data are required to meet Oregon survey standards. [Oregon Department of Transportation : Surveying : Engineering Automation : State of Oregon](#)

16. Can you provide photos of the culverts?

Photo 1. Unnamed tributary upstream side of culvert, April 2, 2025.



Photo 2. Unnamed tributary downstream side of culvert, April 2, 2025.



Photo 3. Moonshine Creek upstream side of culvert, April 2, 2025.



Photo 4. Moonshine Creek culvert looking downstream, August 7, 2025.



Photo 5. Moonshine Creek culvert upstream side, August 7, 2025.



Additional site photos

Photo 6. Road at Moonshine Creek. Proposed staging area is to the left of the pick-up truck and on far side of the creek.



Photo 7. Proposed staging area for culvert replacement work. Moonshine Creek is in the vegetation along the left side of the photo.



Photo 8. River Road from Moonshine Creek looking toward unnamed tributary.



Photo 9. River Road looking toward Unnamed Tributary, located after the mailbox on the right side of the road.



Photo 10. View from Cayuse Road looking northwest along the pipeline route. Unnamed tributary is in the vegetation in the foreground, and Moonshine Creek is in the vegetation in

the background. The barn and house located between the creeks are shown on the right side of the photo.



Responses compiled by Dana Sheedy, CTUIR Fisheries