

Addendum No. 2
Fleish Flume Replacement Project, Phase 2
Contract No. 0809-007
PWP #WA-2008-382

July 8, 2008

The following Clarifications and answers to questions are by reference incorporated into the bid document for the above referenced project.

1. In regards to FF-24 what is the size of the footing? Is it 2' deep by 5' x 14'6". If that is the size and considering the slopes you could be 2' deep one side and 8' deep on the other. Impossible to calculate volume without using unknown factor.

The sizes of footings are shown on the drawing. Bent post lengths are the same as shown on FF-23. The foundation may need to be excavated to provide a level foundation.

2. Can footing be split into two separate footings at different elevations.

Probably not because the posts are only 10 ft- 6 in apart. The size of footing required for each post would be too big to have any separation between footings.

3. Can concrete be calculated at a determined size say 2' foot deep by ? x ? and the unknown factor T&M. Otherwise estimated cost will exceed actual cost.

The estimated quantity of concrete should be based on what is shown on the drawings.

4. Addendum #1 FF-9 includes Detail 2 FF-7 showing Bents with anchor lengths at Lower Flume. Is there a similar schedule for upper flume.

The type of anchors shown on FF-9 are not anticipated for the Upper Flume and therefore an anchor schedule has not been provided for this flume section.

5. What are the restrictions for clearing brush and trees in order to gain access. It seems we are no longer just pouring pads for posts but now have a major concrete job requiring a road capable of supporting large trucks. Concrete trucks, concrete pump trucks, crane and large cages of steel.

Access Roads are controlled and maintained by TMWA. If the bidding contractor deems that improvements are required (clearing of brush, vegetation, trees and installation of additional road base material) to access roads, then he should reflect that in his bid. TMWA will secure whatever environmental approvals are required to improve the access roads.

6. Is there a map or topo of the flume for the areas of construction? If so, how do we acquire one?

A map and associated topo for the Flume sections to be rebuilt does not currently exist. The sections of flume to be replaced were specified in the pre-bid job site walk through.

7. Is there any information regarding the load capacity of the existing flume? If so, how do we acquire that info?

TMWA has not conducted a formal load capacity analysis of the existing flume. Bidding contractors will need to estimate existing loads. In any event, loading on the existing flume during construction should not exceed the current water loading on the flume, estimated to be 5000 lb/ft. Contractor should take precautions relative to applied concentrated loads on the existing 2 in. x 12 in. floor boards.

End of Addendum No. 2