

**OFFICIAL COORDINATION REQUEST FOR  
NON-ROUTINE OPERATIONS AND MAINTENANCE**

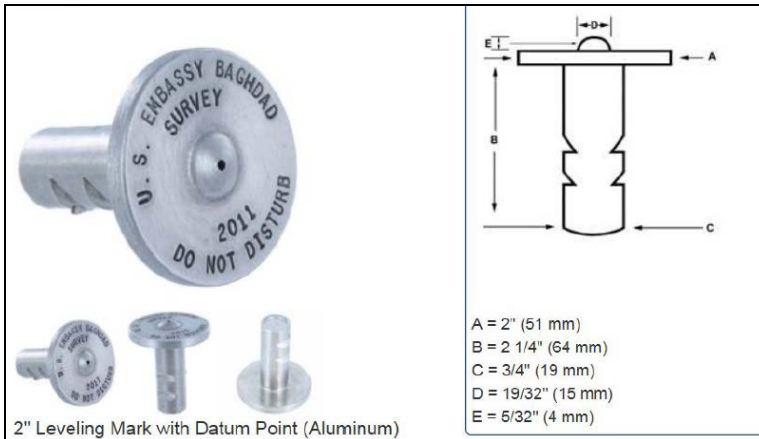
**COORDINATION TITLE-** 16BON31 – Cascades Island fishway survey markers

**COORDINATION DATE-** 6/9/16

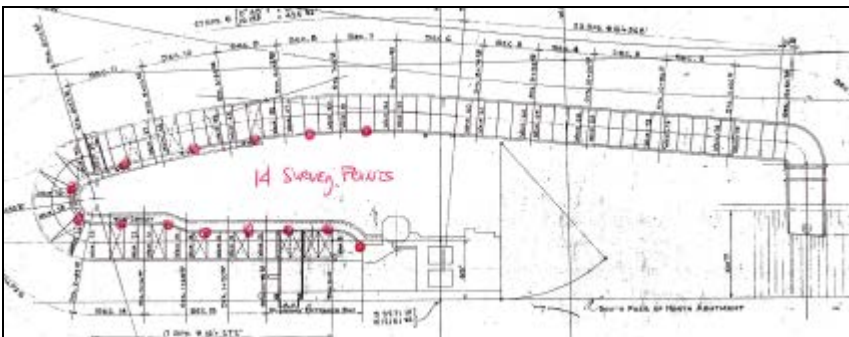
**PROJECT-** BON

**RESPONSE DATE-** 20 June 2016. *This had been talked about at FPOM with general concurrence.*

**Description of the problem** – BON Project will be placing 14 survey markers like those shown in Figure 1 along the tailrace parking area of Cascades Island (CI), around the perimeter of the subsidence area. The markers will be hammered into the top of the fishway wall at specific locations (Figure 2). These markers will be utilized to determine any movement of the fishway, from the current as-built drawings and as monitoring continues into the future. Placing the markers will require the use of a hammer drill, and take a few minutes per marker. Total hammering is expected to take approximately an hour.



**Figure 1.** Example of the type of survey marker to be imbedded in the CI fishway.



**Figure 2.** Locations of the survey markers (red dots) being placed along the Cascades Island fishway.

**Type of outage required** – None.

**Impact on facility operation** – None.

**Dates of impacts/repairs** – One day between 14 and 24 June.

**Length of time for repairs** – One hour in the afternoon, as requested by FPOM.

**Expected impacts on fish passage** – There will be some noise associated with hammering the markers, but impacts are expected to be minimal.

**Comments from agencies** –

June 2016 FPOM – No issues with the hammering, but do it ASAP and late in the day.

CRITFC - -----Original Message-----

From: Tom Lorz [mailto:lorz@critfc.org]

Sent: Thursday, June 16, 2016 11:23 AM

To: Mackey, Tammy M NWP <Tammy.M.Mackey@usace.army.mil>

Subject: [EXTERNAL] Re: FPOM: Official Coordination - 16BON31 survey markers at CI

ok with it but agree sooner rather than later and later in the day.

thanks

PM-E (Griff) phone call on 15 June 2016 – this will need to be coordinated in accordance with NHPA. Consultation will take at least 10 days and could take longer.

-----Original Message-----

From: Oliver, Elizabeth A NWP

Sent: Thursday, June 16, 2016 3:47 PM

To: Griffith, David W NWP <David.W.Griffith@usace.army.mil>; Hodgson, Ann B NWP <Ann.B.Hodgson@usace.army.mil>

Subject: RE: FPOM: Official Coordination - 16BON31 survey markers at CI

After reviewing the MOA, my interpretation is that we either only have to do one letter with a 10-day consultation period, or possibly no consultation at all. There is a clause in there about minor work and repairs that don't require consultation.

Because the language is from the 1980s, and different then we would use today, I sent an email to DAHP asking for their interpretation of the MOA, and do they think we need to consult. Fingers crossed they say no, but even if they do...10 days is not a big deal.

Liz

**Final results** – The survey markers will be installed after PM-E has an opportunity to consult since the fishway is a historic structure. This will be kept as an Update on the FPOM agenda until installation is complete.

Please email or call with questions or concerns.

Thank you,

Tammy

Tammy Mackey

NWP Operations Division Fishery Section

Columbia River Coordination Biologist

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