



IDR Sheet 1 of 3 Sheets

Contract C-8078 SR Nos. I-5 Day Friday Date 02-11-2011

Weather (See Instructions) AM COOL OCST PM COOL OCST

Prime Contractor A. American Construction Company, INC. Representative / Title Vernon Uy/Superintendent

Subcontractor or Lower Tier Sub	Appr'd	DBE	Representative / Title
B.			
C.			
D.			
E.			

Work Activity Summary

Description and Location
A. Mobe to site A in Oregon. Install 24" test pile A-1 at location A-3. Install unconfined bubble curtain on pile A-1. Perform structure survey on test pile A-1. Perform dynamic pile testing on pile A-1.

Pay Note Made Today?
 No - Work not complete. Will complete Paynote on completion or at estimate cutoff.
 No - LS Item. Work is not completed. Will complete paynote on completion or percentage at estimate cutoff.
NOTE: Any "No" below will be explained in Diary.

Required Backup Samples Taken

Matls Documentation Approved

Matls Source Approved

Item, Description, and Location of Work (NOTE: Any "NO" is to be explained in Diary)

Item No.	Contract Item Description	Location	Y/N	Y/N	Y/N	Y/N
1	Mobilization	Site A	No	No	No	Yes
4	Furnishing and Driving Steel Test Pile	A-1 at location A-3	Yes	Yes	No	Yes
6	Install Unconfined Bubble Curtain System	Location A-3	Yes	Yes	No	Yes
9	Structure Survey	Location A-3	No	No	No	Yes
11	Dynamic Pile Testing	A-1	No	No	No	Yes

Contractor's Equipment

Operating Contractor's ID (A-E, see above)		No.	Equipment - ID No. and Description	Opr	Stdbby	Down	Idle
			SEE ATTACHED EQUIPMENT LIST & LABOR LIST				

Contractor's Workforce

Operating Contractor's ID (A-E, see above)		Number / Total Hours							Number				
		Laborers	Carpenters	Operators	Teamsters	Ironworkers	Masons	Flaggers	Electricians	Male	Female	Appr	Trnee
		/	/	/	/	/	/	/	/				
		/	/	/	/	/	/	/	/				
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		/	/	/	/	/	/	/	/				

Traffic Control

Was Traffic Control Required Today? Yes No Was WZTC according to approved TCP? Yes No

Photos/Videos taken Today? Yes No Do all Flaggers and Spotters have current flagging card? Yes No

Inspector's On Site Hours
 From 9:00AM
 To 5:30PM

Todd Nelson
 Inspector

Reviewed By



		IDR Sheet 2 of 3 Sheets		
Contract	Day	Date		
C8078	Friday	February 11, 2011		

DIARY - Including but not limited to: a report of the day's operations, time log (if applicable), orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.

8:00AM American Construction mobilizes from Tidewater Barge location to location A with a tugboat from Tidewater Barge moving the barges upstream. Once the American Construction barge is in place it spuds in and anchors into position.

9:00AM Vernon Uy(American Construction/Superintendent) surveys in the pile locations from shore using existing CRC control points near the Red Lion Inn at the Quay.

10:00AM on site on the Patriot floating crane with Daniel Teran(CRC) and Michael Zenthoefer(Parametrix). Michael is on site for coordination between David Evans and Associates, INC.(DEA) and the staff that is monitoring for sea lions. Before any pile driving Michael will notify the inspection team if it is clear to begin.

10:45AM DEA is on site. DEA is setting equipment on rafts 200, 400 and 800 meters downstream, 800 meters upstream and a hydrophone at 10meters from the pile. Nick Lesnikowski(DEA) tells me that they are about an hour behind due to glitches in their equipment.

11:15AM 24" pile A-1 is placed in the A-3 position and is ready to be vibrated in. I tell Dave Gilchrist (American Construction/Pile-Buck Foreman) that they need to wait before they can begin to install the pile since the DEA acoustic monitoring people are not ready yet.

12:20PM DEA has their hydracoustic equipment in place and ready to go and American Construction begins to vibrate in the pile at a depth of 34' using King Kong Model 400 vibrator. The pile is checked for plumb and held in place by the crew in the 16' workskiff. The pile is vibrated in to a depth of 64'.

12:30PM American Construction stops for lunch.

12:35PM Harbor seal is spotted but no pile driving work is going on so there is no delay for American Construction since it is lunch break.

1:40PM Place the confined bubble curtain on the 24" pile.



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DIARY - Including but not limited to: a report of the day's operations, time log (if applicable), orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.

1:49PM Another harbor seal is spotted but no pile driving work is going on so there is no delay for American Construction since they are hooking up the air lines for the confined bubble curtain.

2:10PM begin to test the confined bubble curtain. The air pressure on the bottom and top ring is set at the required 490CFM and the water shoots out of the top of the HDPE pipe that is 42' tall. The system is shut down. I call Mark Degenhart(CRC) and let him know what is happening with the confined bubble curtain system.

2:45PM Mark lets me know that the contractor is to use the unconfined bubble curtain system on the pile so that we can get the pile finished.

3:20PM Place the unconfined bubble curtain system on the pile. Attach bouy balls onto the unconfined bubble curtain system to hold the system in place while the crane gets hooked up to the impact hammer.

4:00PM Hook up the D19-42 pile driver to the crane.

4:30PM Turn on the air to the unconfined system and 2 rings are at the required 700CFM and the other 3 are between 620 and 680CFM. I call Mark Degenhart and let him know that we are not reaching the required CFM. Mark says that he would let the bridge office know of the issue but to continue driving the pile.

4:45PM Check with Mike Zenthoefter and it is all clear to begin pile driving. Begin driving pile A-1 in the A-3 location. Daniel Teran lets Dave Gilchrist know that the cut off time for work today is at 5:01PM. The pile driving begins with the pile depth at 64'. Bert Miner(Robert Miner Dynamic Testing) is on site to perform the dynamic pile testing. Sensors are attached to the top of the pile and run to the Pile Driving Analyzer.

4:55PM Finished driving the pile at a depth of 71'.

5:40PM Off the barge.

C-8078 COLUMBIA RIVER BRIDGE TEMPORARY PILE TEST PROGRAM

AMERICAN CONSTRUCTION COMPANY, INC.

WORKER'S NAME	TITLE	CELL PHONE #	OFFICE PHONE #
Kevin Culbert	Project Manager	425-870-3211	253-254-0118
Vernon Uy	Superintendent	425-870-3217	
Howard Sullivan	Crane Operator		
Ken Johnson	Deck Engineer		
Tim Mastola	Deck Hand/Engineer		
Dave Gilchrist	Pile-Buck Foreman		
George Twardus	Pile-Buck		
Steve Bauer	Pile Buck		