



IDR Sheet 1 of 5 Sheets

Contract C-8078	SR Nos. I-5	Day Wednesday	Date 02-16-2011
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Weather (See Instructions) **AM** COOL PCLD SNOW **PM** COOL PCLD

Prime Contractor A. American Construction Company, INC.	Representative / Title Vernon Uy/Superintendent
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Subcontractor or Lower Tier Sub	Appr'd	DBE	Representative / Title
B. _____			
C. _____			
D. _____			
E. _____			

**Work Activity Summary**

Description and Location  
A. Install pile B-2 in B-2 location. Install confined bubble curtain on pile B-2. Perform structure survey on pile B-2. Perform dynamic pile testing on pile B-2.

**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	Y/N
4	Furnishing and Driving Steel Test Pile	B-2	Yes	Yes	No	Yes
5	Install Confined Bubble Curtain System	B-2	Yes	Yes	No	Yes
9	Structure Survey	B-2	Yes	Yes	No	Yes
11	Dynamic Pile Testing	B-2	No	No	No	Yes
			No	No	No	Yes

**Contractor's Equipment**

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

**Contractor's Workforce**

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

**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	7:30AM
To	1:30PM

Todd Nelson  
Inspector

Reviewed By \_\_\_\_\_



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Contract	Day	Date
C8078	Wednesday	February 16, 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.

7:00AM On site at the Vancouver Boat Landing.

7:30AM American Construction is mobing from site A to site B using a Tidewater Barge tugboat to move them. Once the barge is in position it spuds in and is anchored into position.

8:30AM Have 48" pile B-2 in the water. The pile is in at a depth of 40'. David Evans and Associates, INC. begins to set their hydroacoustic monitoring equipment at 200, 400 and 800 meters upstream and 800 meters downstream.

8:45AM On board the barge. Mike Zenthoefer(Parametrix) is on site to coordinate between (DEA) acoustic monitoring and the staff that is monitoring for sea lions. Bert Miner(Robert Miner Dynamic Testing) is on site to perform the dynamic testing on the pile today.

9:00AM The pile is surveyed into position from shore by Vernon Uy(American Construction/Supervisor). The pile is checked for plumb and held into position by the crew on the 16' workskiff. King Kong model 400 vibrator is set onto the pile. Mike says that we cannot begin to vibrate in the pile until 9:25AM since the monitoring didn't start until 8:45AM. I let Dave Gilchrist(American Construction/Pile Buck Foreman) know that we cannot begin until 9:25AM or until DEA has all of their equipment set up.

9:50AM DEA is finished setting up their hydrophone up at 10 meters. I check with Mike and it is clear to begin vibing in the pile. I let Dave know that they can begin. Start vibing in pile B-2 in planned location.

9:55AM Finish vibrating in the pile. The pile is at 67'. Vernon lets me know that there is 20' of driving.

10:05AM Mark Degenhart(CRC) lets me know that the first half of the pile the air to the confined bubble curtain is to be off and the second half both the top and the bottom ring are to be turned on with just enough air to not have the fountain effect.

10:30AM Vernon tells me that the confined curtain is close to the dynamic testing sensors and that the last 3-4' will have to be driven without the curtain so the sensors do not get wet. I call Mark and let him know that the last 3-4' will be driven without the bubble curtain. Mark says that is fine.



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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.

11:00AM Talk with Ken Johnson(American Construction/Deck Engineer) and let him know what we are going to do today with the air pressure. I let him know that the air is to be off for the first half of the pile driving and that he is to have both the top and the bottom rings on just enough to not create a fountain. I tell Ken to turn the air on and off when the 85' and 90' marks reach the top of the HDPE ring. I check with Mike and it is all clear to begin pile driving. Start pile driving using D80-42.

11:10AM Stop pile driving at 84.5' so that the dynamic testing sensors can be removed. Ken tells me that the air was set at 100CFM.

11:40AM Remove the confined bubble curtain.

11:55AM Sensors are reattached. I check with Mike and it is all clear to begin pile driving. Continue pile driving using D80-42.

12:00PM Finish driving pile B-2 at 87.5'. I ask Dave what his plans are. Dave says that they are going to take lunch and then start on pile B-1.

1:00PM Vernon calls and tells me that they are done for the day. Vernon says that they still need to move the crane back and they need to change the heads on the King Kong. Lights are put on pile B-2.

1:30PM 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		
Mike Moen	Pile-Buck		
Steve Bauer	Pile Buck		