



IDR Sheet 1 of 5 Sheets

Contract C-8078 SR Nos. I-5 Day Tuesday Date 02-15-2011

Weather (See Instructions) AM COOL OCST RAIN 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. Perform 48HR restrike on pile A-3. Attempt to remove 48" pile A-3 from location A-4 but the pile will not come out. Install 48" pile A-4 in location A-1. Perform structure survey on pile A-4. Perform dynamic pile testing on pile A-3 and A-4.

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
4	Furnishing and Driving Steel Test Pile	A-4 at location A-1	Yes	Yes	No	Yes
5	Install Confined Bubble Curtain System	Location A-4	Yes	Yes	No	Yes
9	Structure Survey	Location A-4	Yes	Yes	No	Yes
11	Dynamic Pile Testing	A-3 & A-4	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	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 7:30AM
 To 3:45PM

Todd Nelson
 Inspector

Reviewed By



IDR Sheet 2 of 5 Sheets		
Contract	Day	Date
C8078	Tuesday	February 15, 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 David Evans and Associates, INC.(DEA) has monitoring set up 200, 400 and 800 meters downstream and 800 meters upstream.

7:50AM On the barge. Mike Zenthoefer(Parametrix) is on the barge to coordinate between DEA and the staff that is monitoring for sea lions. Bert Miner(Robert Miner Dynamic Testing) is on site to perform the 48 HR restrrike and the dynamic testing on the pile that is to be installed today. Bert begins to install the sensors on the pile.

8:20AM Sensors are installed on pile A-3 in location A-4.

8:40AM Check with Mike and it is clear to begin the restrrike. I let Dave Gilchrist(American Construction/Pile-Buck Foreman) know that they can begin the 48HR restrrike. Start pile driving using D80-42 pile driver. Restrike is 3" in 30 blows. 11, 10 and 9 blows in the 3".

9:25AM King Kong model 400 vibrator is set on pile A-3. Vernon Uy(American Construction/Superintendent) tells me that they will remove the pile and place it in location A-1. I check with Mike and it is clear to begin vibing the pile out. Begin vibing to remove the pile.

11:00AM Stop vibrating on the pile. The pile will not come out. Vernon tells me that they will put in the other 131' pile in location A-1.

11:30AM Have pile A-4 in location A-1. The pile is surveyed from shore by Vernon.

12:40PM I check with Mike and it is clear to begin vibing the pile in. The pile is vibrated in using King Kong model 400 vibrator.

12:50PM Finish vibrating in the pile at 96'.



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1:10PM Put the confined bubble curtain on. Have the top ring off and the bottom ring on to 220CFM and water begins to shoot out of the top of the HDPE pipe. I call Mark Degenhart(CRC) about the problem and he calls Laura Peterson(CRC) and lets her know of the problem. I am told to find the minimum CFM that doesn't cause the water feature effect.

1:15PM I talk with Ken Johnson(American Construction/Deck Engineer) to find the minimum CFM where the water doesn't shoot out. Ken begins to adjust the valves and at 125CFM the water bubbles to the top of the HDPE pipe and barely flows over. I tell Ken to turn the air off for 30 seconds when 110, 115 and 120' marks reach the HDPE pipe.

2:05PM Check with Mike and it is clear to begin pile driving. I let Dave know that they can start pile driving. The saximeter that I am using malfunctions as soon as I pass the first foot mark and resets to the main menu. Begin counting blows manually.

2:40PM Stop pile driving at 119'. Remove the sensors for the pile driving analyzer.

2:55PM Finished removing the sensors. DEA repositions their boat and sensors at location A-4.

3:00PM Resume pile driving.

3:10PM Finish pile driving at 121.5'. The last 1/2' the leads for the pile driver were on the HDPE ring.

3:15PM I show Bert Miner both of the saximeters that are being used on the project and he says that they are malfunctioning. He says that usually the only problem with the saximeter is with them being either too or not sensitive enough for the sound. One of the saximeters resets to the main menu when the AVG button is pushed and the other saximeter has incoherent working at any menu.

3:45PM Begin to put lights on pile A-4 at location A-1. 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		