



IDR Sheet 1 of 6 Sheets

Contract C-8078 SR Nos. I-5 Day Monday Date 02-14-2011

Weather (See Instructions) AM COOL SHWR PM WARM SHWR

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-1. Remove 24" pile A-1 from location A-3 and install pile A-2 at location A-2. Perform structure survey on pile A-2. Perform dynamic pile testing on pile A-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
4	Furnishing and Driving Steel Test Pile	A-2 at location A-2	Yes	Yes	No	Yes
5	Install Confined Bubble Curtain System	Location A-2	Yes	Yes	No	Yes
9	Structure Survey	Location A-2	Yes	Yes	No	Yes
10	Pile Removal and Cleanup	A-1 at location A-3	No	No	No	Yes
11	Dynamic Pile Testing	A-1 & A2	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
	/	/	/	/	/	/	/	/				
	/	/	/	/	/	/	/	/				
	/	/	/	/	/	/	/	/				
	/	/	/	/	/	/	/	/				

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 2:30PM

Todd Nelson
 Inspector

Reviewed By



		IDR Sheet 2 of 6 Sheets		
Contract	Day	Date		
C8078	Monday	February 14, 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.

7:40AM On site on the barge. Mike Zenthoef(er)(Parametrix) is on site to coordinate between the David Evans and Associates, INC.(DEA) and the staff that is monitoring for sea lions. DEA is setting up monitoring equipment at 200, 400 and 800 meters downstream and 800 meters upstream.

8:00AM Andy(Robert Miner Dynamic Testing) puts sensors on pile A-1 in A-3 location for the 48HR restrrike.

8:25AM Have D19-42 pile driver in position on 24" pile A-1. I let Dave Gilchrist(American Construction/Pile-Buck Foreman) know that we need to wait until the noise monitoring equipment is set up.

8:55AM DEA has the hydrophone set up at 10 meters from the pile. Check with Mike and I am given the okay to begin restrrike. I let Dave know that it is clear to start. Begin restrrike. The pile is driven a total of 6" in 21 blows.

9:00AM Remove the sensors off of the pile.

9:10AM I talk with Laura Peterson(CRC) and she tells me that today with the confined bubble curtain we need to try and turn the top ring off and be at 490CFM or have both of the rings on and be between 220-320CFM and see what works the best.

9:45AM I get approval from Mark Degenhart(CRC) who says, "that pile A-1 can be removed and replaced in the A-2 location and the pile is to be vibed in until it is stable and then driven in the rest of the way with the confined bubble curtain system around the pile."

9:55AM Mike tells me that there cannot be any vibrating on the pile until 10:20AM so that the monitors have 1/2 an hour to check for any sea lions.

10:20AM I check with Mike and get the all clear to begin vibing pile A-1 out using King Kong model 400 vibrator.



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10:35AM The pile is out and moved back into the A-2 location. The pile is surveyed from shore by Vernon Uy (American Construction/Superintendent) and checked for plumb by the crew in the 16' workskiff. The pile depth is at 38'.

10:40AM The pile is vibrated in to a depth of 54'. Vernon calls me and tells me that there is 16' left for impact driving.

11:00AM The confined bubble curtain is placed on pile A-2.

11:25AM Vernon tells me that there is 16' of pile above the confined ring and the sensors for the dynamic testing are at 13'. He says that when they get close to the sensors they will have to stop driving and remove the sensors, remove the confined curtain, reattach the sensors and then continue driving the last 3' without the confined curtain. Vernon says that the sensors cannot get wet or they will be ruined. I call Mark Degenhart and let him know that the last 3' of driving will have to be without the confined curtain. I tell Mark that the sensors are needed for the dynamic testing and cost \$1200 each. Mark says that is fine to drive the last 3' without the confined curtain.

12:25PM The confined bubble curtain is in place and the top ring is turned off and the CFM is set at 490 for the bottom ring. The water does not flow over the top of the HDPE pipe. I talk with Ken Johnson(American Construction/Deck Engineer) and tell him that at the 65', 70' and 75' mark to turn off the bubble curtain for 30 seconds then turn it back on. I check with Mike and it is all clear to begin pile driving. Begin pile driving at 55'.

12:35PM Remove the pile driver.

12:45PM Take the sensors off of the pile at 68'.

1:05PM Remove the confined bubble curtain.

1:20PM Put the sensors back on the pile.

1:35PM Check with Mike and get the okay to continue pile driving. Resume pile driving at 68'.



Inspector's Daily Report

	IDR Sheet 4 of 6 Sheets		
Contract C8078	Day Monday	Date February 14, 2011	

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1:45PM Finished pile driving at 71.5'. The pile driver is removed and placed back on #805 barge.

1:55PM Lights are put on the pile.

2:30PM 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		

