



IDR Sheet 1 of Sheets	
Contract C-8078	SR Nos. I-5
Day Saturday	Date 02-12-2011
Weather (See Instructions) AM COOL OCST PM COOL OCST	
Prime Contractor A. American Construction Company, INC.	Representative / Title Vernon Uy/Superintendent
<b>Subcontractor or Lower Tier Sub</b>	<b>Appr'd DBE Representative / Title</b>
B. _____	
C. _____	
D. _____	
E. _____	

**Work Activity Summary**

Description and Location  
 A. install 48" test pile A-3 at location A-4. Install unconfined bubble curtain on pile A-3.  
 Perform structure survey on test pile A-3. Perform dynamic pile testing on pile A-3.

**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.

<b>Required Backup Samples Taken</b>	Y/N	Y/N	Y/N	Y/N
<b>Matls Documentation Approved</b>				
<b>Matls Source Approved</b>				

**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-3 at location A-4	Yes	Yes	No	Yes
6	Install Unconfined Bubble Curtain System	Location A-4	Yes	Yes	No	Yes
9	Structure Survey	Location A-4	No	No	No	Yes
11	Dynamic Pile Testing	A-3	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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Was WZTC according to approved TCP?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Photos/Videos taken Today?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Do all Flaggers and Spotters have current flagging card?	<input type="checkbox"/> Yes <input type="checkbox"/> No

Inspector's On Site Hours

From	7:00AM
To	2:00PM

Todd Nelson  
Inspector

Reviewed By



		IDR Sheet    2    of    3    Sheets		
Contract	Day	Date		
C8078	Saturday	February 12, 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 with Daniel Teran(CRC).

7:25AM On site on the barge. American Construction crew is readying 48" pile to be set into position.

8:00AM David Evans and Associates begins setting up noise monitoring equipment 800 meters upstream.

8:10AM Cyrus Bullock(Parametrix) is on the barge to coordinate between the staff searching for sea lions and the DEA noise monitoring crew. American Construction crew picks the 48" pile A-3 in A-4 location and swings the pile into the water. The pile is surveyed from shore by Vernon Uy(American Construction/Superintendent) and checked for plumb by the crew in the 16' workskiff. I let Dave Gilchrist(American Construction/Pile-Buck Foreman) know that they cannot start vibing in the pile until the noise monitoring equipment is set up.

9:10AM DEA has the hydrophone set up at 10 meters from the pile. That is the last of the noise monitoring equipment to set up.

9:40AM Check with DEA and Cyrus is it is all clear to begin. We are told that we are good to start. Begin to start vibing in pile A-3 in location A-4 using King Kong model 400 vibratory hammer. The pile is set in at 35' at the river bottom.

9:50AM Finish vibing in the pile at a depth of 96'. Begin to change the arms on the unconfined bubble curtain from the 24" to the 48"

10:35AM Place the unconfined bubble curtain onto the pile. The pile is to have the confined bubble curtain but we still do not have an answer yet on how to keep the water from overflowing the top of the confined bubble curtain. We were given approval from Steve Morrow(CRC) to let the contractor use the unconfined bubble curtain.

11:00AM Bert Miner with Robert Miner Dynamic Testing is attaching sensors onto the pile for the dynamic testing.



# Inspector's Daily Report

		IDR Sheet      3      of      3      Sheets		
Contract	Day	Date		
C8078	Saturday	February 12, 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.

11:30AM Begin to test the unconfined system. The air is set at 700CFM for 2 rings and the other 3 rings are at 620-680CFM. I call Mark Degenhart(CRC) and let him know that we are not getting the required CFM and Mark says to let American Construction continue driving the pile.

12:25PM American Construction has the D80-42 single acting diesel impact hammer in place on the pile.

1:00PM Check with DEA and with Parametrix and are given the all clear to start driving the pile. Begin to drive the pile. Pile depth is at 96'. I talk with Ken Johnson(American Construction/Engineer) and tell him to shut the air off to the unconfined bubble system at the 100', 110' and the 120' mark for 30 seconds and then turn it back on.

1:40PM Finished driving the pile at 121'. Begin to remove the hammer.

1:55PM Remove the unconfined bubble curtain off of pile A-3. American Construction is done working for the day. They need to change the the teeth on the vibratory hammer and move back into position for the next 2 piles. Lights are also put on the pile.

2:00PM Returned to the Vancouver Boat Landing.

# C-8078 Columbia River Bridge Temporary Test Pile Program

## AMERICAN CONSTRUCTION COMPANY, INC.

#	CONTRACTOR'S EQUIPMENT	OPR	STDBY	DOWN	IDLE
	"Patriot" 180 ton floating crane on 70' X 140' X 13.5' barge	9.0	0	0	0.0
805	Flat deck 40' X 197' X 15' barge	9.0	0	0	0.0
	King Kong Model 400 vibratory driver/extractor	1.0	0	0	8.0
	APE Model 150 Power Unit	1.0	0	0	8.0
	D80-42 single-acting diesel impact hammer	1.0	0	0	8.0
	D19-42 single-acting diesel impact hammer	0.0	0	0	9.0
RP09-072AC	Ingersoll Rand IQ System HP 1600CFM air compressor	1.5	0	0	7.5
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RP09-074AC	Ingersoll Rand IQ System HP 1600CFM air compressor	1.5	0	0	7.5
W10032RC	Ingersoll Rand IQ System HP 1600CFM air compressor	1.5	0	0	7.5
	200 CFM air compressor	1.0	0	0	8.0
	Crewboat "Courage"	1.0	0	0	8.0
	16' workskiff with 25HP outboard motor	1.0	0	0	8.0
	Ford F-150 XLT Triton V8 truck	0.5	0	0	8.5
	Ford F-250 truck	0.5	0	0	8.5

### CONTRACTOR'S WORKFORCE

PILE-BUCK	OPERATOR	SUPERINTENDENT	MALE	FEMALE	APP	TRNEE
3 / 27	3 / 27	1 / 9	7	0	0	0

# 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		