



Contract Number 8078		Contract Title COLUMBIA RIVER BRIDGE TEMPORARY PILE TEST			
Review Date 7/13 & 7/14/11		Contract Amount \$ 811,204.00	Start Date 2/10/2011	Reviewed By WAYNE HOPPEN	
Project Engineer FRANK GREEN		% Complete 100	Federal Aid Number STATE PROJECT		
Preconstruction Information (1-2.1C)		Yes	No		
Minutes or notes from preconstruction communications kept in project files.		<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Traffic Control (1-2.3) [1-10.2]					
Contractor has adopted TCP		N/A	<input type="checkbox"/>	<input type="checkbox"/>	
Contractor has designated TCS		N/A	<input type="checkbox"/>	<input type="checkbox"/>	
Change Orders (1-2.4C) [1-04.4]					
Verbal approval received to begin work before change order is executed		<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Change order executed before work starts		<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Change Order is executed before payment is made		<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Force Account (1-2.4D) [1-09.6]					
Labor list is provided, is current & is monitored		<input type="checkbox"/>	<input type="checkbox"/>		
Materials costs evidence by vendor invoices or contractor affidavits		N/A	<input type="checkbox"/>	<input type="checkbox"/>	
Daily FA sheet signed by inspector & contractor		<input type="checkbox"/>	<input type="checkbox"/>		
Subcontractor/service markups correctly applied		<input type="checkbox"/>	<input type="checkbox"/>		
Subcontracting (1-2.4G) [1.08.1]					
Requests to sublet approved prior to starting work		<input type="checkbox"/>	<input type="checkbox"/>		
Required Federal Aid Provision Certification received prior to starting work		<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>	
Progress Schedule (1-2.5A) [1-08.3]					
Preliminary progress schedule received		<input type="checkbox"/>	<input type="checkbox"/>		
Provided as required by the contract		<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Approved by the project engineer		<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Schedule maintained with updates		N/A	<input type="checkbox"/>	<input type="checkbox"/>	
Weekly Statement of Working Days complete		<input checked="" type="checkbox"/>	<input type="checkbox"/>		
State Wage Compliance - Statement of Intent to Pay Prevailing Wages (1-2.6B) [1-07.9(5)]					
On file for prime contractor and each subcontractor		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Received prior to first payment for each subcontractors work		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Federal Wage Compliance - Certified Payrolls for Prime and Each Subcontractor (1-2.6C(3)) [1-07.9(5)]					
First payrolls checked and initialed		<input type="checkbox"/>	<input type="checkbox"/>		
All other payrolls checked 10%		<input type="checkbox"/>	<input type="checkbox"/>		
Check for the following items		N/A			
Contract #, Payroll #, Payroll period		N/A	<input type="checkbox"/>	<input type="checkbox"/>	
Labor classifications are noted correct		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Minimum prevailing wages are met or exceeded		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Overtime is shown separately		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Travel Pay is shown separately		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Proof of apprentice registration		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Employees address and SSN shown		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Remarks (Use back for remarks)					



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Project Engineer FRANK GREEN	% Complete 100	Federal Aid Number STATE PROJECT	

Traffic Control (1-2.3) [1-10.2]	Yes	No	DBE On-Site Reviews (1-2.7F(5)) Special Provision	Yes	No
TCS reports in project files	<input type="checkbox"/>	<input type="checkbox"/>	Condition of award DBE subs on job	<input type="checkbox"/>	<input type="checkbox"/>
Change Orders (1-2.4C) [1-04.4]			Reviews completed and submitted to OEO	<input type="checkbox"/>	<input type="checkbox"/>
Change order executed before work starts	<input type="checkbox"/>	<input type="checkbox"/>	Training (1-2.7G) Special Provision		
Verbal approval received to begin work before change order is executed	<input type="checkbox"/>	<input type="checkbox"/>	Training program is approved	<input type="checkbox"/>	<input type="checkbox"/>
Change order executed before payment is made	<input type="checkbox"/>	<input type="checkbox"/>	Revisions to the program approved	<input type="checkbox"/>	<input type="checkbox"/>
Force Account (1-2.4D) [1-09.6]			Program outline follows requirements	<input type="checkbox"/>	<input type="checkbox"/>
Labor list is provided, is current & is monitored	<input type="checkbox"/>	<input type="checkbox"/>	Trainees submitted for approval	<input type="checkbox"/>	<input type="checkbox"/>
Materials costs evidenced by vendor invoices or contractor affidavits	<input type="checkbox"/>	<input type="checkbox"/>	"Good Faith Effort" documentation provided if non protected group used	<input type="checkbox"/>	<input type="checkbox"/>
Daily FA sheet signed by inspector & contractor	<input type="checkbox"/>	<input type="checkbox"/>	Diary Records (10-3.6)		
Subcontractor/Service mark ups correctly applied	<input type="checkbox"/>	<input type="checkbox"/>	Project diary kept current, entries signed	<input type="checkbox"/>	<input type="checkbox"/>
Subcontracting (1-2.4G) 1-08.1]			IDR's are maintained and are complete	<input type="checkbox"/>	<input type="checkbox"/>
Requests to Sublet approved prior to starting work	<input type="checkbox"/>	<input type="checkbox"/>	Item Checks (Procedures)		
Required Federal Aid Provision Certification recieved prior to starting work	<input type="checkbox"/>	<input type="checkbox"/>	Item <u>2</u> Description _____		
Progress Schedule (1-2.5A) [1-08.3]			Ledger vs source document	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Schedule maintained with updates	<input type="checkbox"/>	<input type="checkbox"/>	Field Note Record complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Updates approved by Project Engineer	<input type="checkbox"/>	<input type="checkbox"/>	Item Quantity Tickets complete	<input type="checkbox"/>	<input type="checkbox"/>
Weekly Statement of Working Days complete	<input type="checkbox"/>	<input type="checkbox"/>	Scale Cert. & Scaleman's Daily Rpt.	<input type="checkbox"/>	<input type="checkbox"/>
State Wage Compliance - Statement of Intent to Pay Prevailing Wages (1-2.6B) [1-07.9(5)]			Work noted on Inspector's Daily Report	<input checked="" type="checkbox"/>	<input type="checkbox"/>
On file for prime contractor and each subcontractor	<input type="checkbox"/>	<input type="checkbox"/>	Material source approved	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Recieved prior to first payment for each subcontractors work	<input type="checkbox"/>	<input type="checkbox"/>	Material acceptance documentation complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Federal Wage Compliance - Certified Payrolls for Prime and Each Subcontractor (1-2.6C) [1-07.9(5)]			Item <u>4</u> Description _____		
First payrolls checked and initialed	<input type="checkbox"/>	<input type="checkbox"/>	Ledger vs source document	<input checked="" type="checkbox"/>	<input type="checkbox"/>
All other subsequent payrolls checked at 10%	<input type="checkbox"/>	<input type="checkbox"/>	Field Note Record complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Check for the following items			Item Quantity tickets complete	<input type="checkbox"/>	<input type="checkbox"/>
Contract #, Payroll #, Payroll period	<input type="checkbox"/>	<input type="checkbox"/>	Scale Cert. & Scaleman's Daily Rpt.	<input type="checkbox"/>	<input type="checkbox"/>
Labor classification are noted correctly	<input type="checkbox"/>	<input type="checkbox"/>	Work noted on Inspector's Daily Report	<input type="checkbox"/>	<input type="checkbox"/>
Minimum prevailing wages are met or exceeded	<input type="checkbox"/>	<input type="checkbox"/>	Material source approved	<input type="checkbox"/>	<input type="checkbox"/>
Overtime shown separately	<input type="checkbox"/>	<input type="checkbox"/>	Material acceptance documentation complete	<input type="checkbox"/>	<input type="checkbox"/>
Travel Pay shown separately	<input type="checkbox"/>	<input type="checkbox"/>	Item _____ Description _____		
Proof of apprentice registration	<input type="checkbox"/>	<input type="checkbox"/>	Ledger vs source document	<input type="checkbox"/>	<input type="checkbox"/>
Employees address and SSN shown	<input type="checkbox"/>	<input type="checkbox"/>	Field Note Record complete	<input type="checkbox"/>	<input type="checkbox"/>
Employee Interviews on Federal Projects (1-2.6C(3)) [1-07.9]			Item Quantity tickets complete	<input type="checkbox"/>	<input type="checkbox"/>
On file for prime contractor	<input type="checkbox"/>	<input type="checkbox"/>	Scale Cert. & Scaleman's Daily Rpt.	<input type="checkbox"/>	<input type="checkbox"/>
On file for each subcontractor over 30%	<input type="checkbox"/>	<input type="checkbox"/>	Work noted on Inspector's Daily Report	<input type="checkbox"/>	<input type="checkbox"/>
Remarks (Use back for additional remarks)			Material source approved	<input type="checkbox"/>	<input type="checkbox"/>
			Material acceptance documentation complete	<input type="checkbox"/>	<input type="checkbox"/>

Remarks

① NO STATEMENT OF INTENT OR AFFIDAVIT OF WAGES PAID FOR COATINGS UNLIMITED

② * NO APPROVAL FROM HDQTRS FOR MATERIAL SUBSTITUTION.

PRICE JUSTIFICATION IS INCOMPLETE.

* Provided approval to Wayne Hoppen after review.
See attached.

K. Daly



Examination Sheet For Contract Items

Contract No. 8078		F.A. No. STATE PROJECT		Active NO	Complete YES
Item No. 4	Description FURNISH & DRIVE STEEL TEST PILE			Unit EACH	Price/Unit 44000
Plan Quantity 6	Present Quantity 6	Final Quantity 6	Added Item	C.O. No.	

Quantities Examined

Entry #	Date	Location	Grp. #	Est. #	Recorded Qty	Examined Qty	Source
9	2/13/11		1	1	1	1	Manufacturer
10	2/14/11		1	1	2	2	"
16	2/14/11		1	1	2	2	"
17	2/14/11		2	1	2	2	"
Total							%

Documentation Practices Examined

- 1. Selected representative samples
- 2. Inspection Reports (IDR) maintained
- 3. Change Orders approved prior to start of work
- 4. Ledger quantity checked to source documents
- 5. Field Notes current and computations complete
- 6. Field Notes filled out and properly signed
- 7. Materials furnished from approved source
- 8. Proper tests for quality acceptability
- 9. Operations for Pour and Piling observed and documented
- 10. Scales Certification date: _____
- 11. Tare weights properly recorded
- 12. Force Account documented and confirmed with Contractor

Type of Supporting Records Examined

- Project Ledger
- Field Note Records
- Inspectors Daily Reports
- EDP Input/Output Sheets
- Pile Books
- Scalemans Daily Report
- Delivery Tickets
- Truck Measurements
- Invoices
- Force Account Reports
- Materials Lab Reports
- Manufacturers Cert/Cat Cuts

Review Results

The examination shows this item was measured in accordance with the Contract and the Standard Specifications. 1-09.1
 The documentation practices were in accordance with the requirements of the Construction Manual. 9-4638

Comments and Recommendations

~~MANUFACTURERS CERT OF COMPLIANCE SUBMITTED TO IDRT FOR APPROVAL - NO RESPONSE~~
 FIELD NOTE DOES NOT INCLUDE A DRAWING SPECIFYING THE LOCATION OF THIS WORK

Project Engineer F. GREEN
 DOT Form 421-014 EF
 Revised 1/97

Examiner Wayne Hopper

Date 7/14/11



Examination Sheet For Contract Items

Contract No. 8078		F.A. No. STATE PROJECT		Active NO	Complete YES	
Item No. 2	Description FURNISH CONFINED BUBBLE CURTAIN SYSTEM				Unit L.S.	Price/Unit 50000
Plan Quantity L.S.	Present Quantity \$50000	Final Quantity \$50000	Added Item		C.O. No.	

Quantities Examined

Entry #	Date	Location	Grp. #	Est. #	Recorded Qty	Examined Qty	Source
5	2/15/11		1	1	18750	18750	Field Note
6	2/17/11		2	1	18750	18750	Field Note
28	3/30/11		1	2	6250	6250	F.A.
29	3/30/11		2	2	6250	6250	F.A.
					Total \$50,000 100%		

Documentation Practices Examined

- 1. Selected representative samples
- 2. Inspection Reports (IDR) maintained
- 3. Change Orders approved prior to start of work
- 4. Ledger quantity checked to source documents
- 5. Field Notes current and computations complete
- 6. Field Notes filled out and properly signed
- 7. Materials furnished from approved source
- 8. Proper tests for quality acceptability
- 9. Operations for Pour and Piling observed and documented
- 10. Scales Certification date: _____
- 11. Tare weights properly recorded
- 12. Force Account documented and confirmed with Contractor

Type of Supporting Records Examined

- Project Ledger
- Field Note Records
- Inspectors Daily Reports
- EDP Input/Output Sheets
- Pile Books
- Scalemans Daily Report
- Delivery Tickets
- Truck Measurements
- Invoices
- Force Account Reports
- Materials Lab Reports
- Manufacturers Cert/Cat Cuts

Review Results

The examination shows this item was measured in accordance with the Contract and the Standard Specifications. 1-09.1
 The documentation practices were in accordance with the requirements of the Construction Manual. 2-6.4

Comments and Recommendations

~~THIS HAS SOME COMPONENTS OF THIS ITEM WERE SUBMITTED TO THE CONTRACTOR AND NO RESPONSE.~~

Project Engineer F. GREEN
 DOT Form 421-014 EF
 Revised 1/97

Examiner WAYNE HOPPEN Date 7/14/11

Daly, Keith

HQ Construction Office Approval

From: Beaver, Jesse [BeaverJ@wsdot.wa.gov]
Sent: Monday, January 24, 2011 10:56 AM
To: Daly, Keith; Beaver, Jesse
Cc: Green, Frank
Subject: C8078 I5 Columbia River Bridges - Temporary Pile Test Program
Attachments: RFI 001.pdf; RE: Bubble ring roller RFI# 001

Keith,

Based on response from the designer (James Schufreider, WSF), the 'softer' neoprene is a preferred material based on potential of marginally superior sound mitigation. Nonetheless, if the neoprene rollers cannot be manufactured in the available timeline (and we have no indication that they can be), the bubble ring is contractually unconstructible. With that in mind, we can either (1) allow more time, or (2) allow the proposed change. Given the urgency of the project schedule, I recommend approval of the Contractor's proposed material substitution at no cost or credit to the state. This does not in any way appear to be a windfall item for the Contractor.

Please call if questions.

Jesse L. Beaver, PE

Assistant State Construction Engineer
Washington State Department of Transportation
360.705.7825
360.791.2855 (cell)

From: Daly, Keith [<mailto:dalyk@columbiarivercrossing.com>]
Sent: Wednesday, January 19, 2011 5:00 PM
To: Beaver, Jesse
Cc: Green, Frank
Subject: Contract 8078, I-5 Columbia River Bridges Temporary Pile Test Program

Jesse,

I assume you are our point of contact at the HQ Construction Office for change order approval on the above referenced contract. Contract 8078 hasn't been executed yet but with our tight construction schedule I'm trying to get a jump on things. This contract is being administered out of the Columbia River Crossing (CRC) Project office in the SW Region. Frank Green is the Project Engineer for the contract and I will be doing all Office Engineering duties. Our preconstruction meeting with American Construction Co., Inc. is scheduled for this Friday, January 21st at the CRC office. The contract special provisions require working day charges to begin 2/7/2011 with 15 working days assigned to contract and all work shall be completed by 2/28/2011 when our in-water work window expires. The contract requires for the fabrication of a Bubble Curtain which WSDOT will take possession of at the end of the contract. I am contacting you for change order approval of a material or product substitution submitted by American Construction in RFI #1. James Schufreider with the Department of Ferries designed the Bubble Curtain in this contract and I have attached an email from him with his comments related to the rollers being fabricated out of ultra high molecular weight polyethylene (UHMW) as proposed by American Construction versus rollers fabricated from AASHTO Grade 60 Neoprene required by the contract. I will be available from 8:00 to 4:30 tomorrow if you need additional information or if you would like to discuss further.

Thank you,

Keith Daly