

## AGENTS MONTHLY REPORT To 21/12/10



**PROJECT NO:** R0941

**PROJECT:** Forth Road Bridge Main Expansion Joint under Deck Access

**PERIOD ENDING:** Tuesday 21st December 2010

**Issued by:** Graham MacAlpine

## **SECTION 1 - SAFETY**

### **1.1 Accidents in Period**

No Accidents in period

### **1.2 Near Misses / Incidents**

1 No. Fractured / worn hose on blow torch for encapsulation. Escaping gas ignited and was extinguished immediately in line with our hot works procedures and permit.

Possible root cause wear on hose coupled with cold temperature making material more brittle.

### **1.3 Training in Period**

1No. operative on 1st aid refresher.

### **1.4 Safety Initiatives**

No New safety initiatives

### **1.5 Safety Advisor**

Iain Hyslop

### **1.6 Safety Advisors Visits & Reports**

1 Visits in period.

### **1.7 Safety Intervention Cards / Take Care**

Several incident cards raised but most relating to the adverse weather and the conditions under foot. Incident card raised for gas leak as described in section 1.2

## **SECTION 2 – PROJECT DATA**

	<b>Project</b>	<b>Contract Programme</b>
<b>Start Date</b>	12/11/09	12/11/09
<b>Duration</b>	56 weeks	61 weeks
<b>Completion Date</b>	9/12/10	<b>14/01/11</b>

## SECTION 3 – METHOD STATEMENTS & APPROVALS – UNCHANGED FROM PERVIOUS

Method Statement & RA subject	Date required	Approved	Date for review	Comments
Site Establishment	25/1/10	22/1/10	N/A	
Scaffolding	25/1/10	22/1/10	N/A	
Emergency recover procedures ( Scaffolding )	25/1/10	22/1/10	N/A	
Inertia reel inspection ( Scaffolding )	25/1/10	22/1/10	N/A	
Site Survey works	15/2/10	15/2/10	N/A	
Encapsulation	15/3/10	15/3/10	N/A	
Surface preparation	15/3/10	15/3/10	N/A	
On site painting	3/5/10	3/5/10	N/A	
Installation remote access points	15/4/10	15/4/10	N/A	
Installation South Demag Joint	15/4/10	15/4/10	N/A	
Weld repairs to damage	24/08/10		Approved	
GENERAL NOTE. ALL MS & RA REVIEWED ON A 8 WEEK BASIS. CURRENT REVIEW IS DUE TO RESEQUENCING OF WORK.				

## SECTION 4– PROGRAMME AND PROGRESS

### Progress is being reported against Clause 31 programme Rev 09

ACTIVITY	+/- Weeks	Comments
<b>South Tower</b>		
South Overall	Complete	Minor Snagging ongoing along with CE work and alterations
<b>North Tower</b>		
Main Span Remote	Complete	Snagging only
Side Span Remote	Complete	Snagging only
Demag Upper installation	- 7wks	
Demag Lower installation	- 7 weeks	
North Overall	- 5 weeks	
<b>Overall Progress</b>	<b>+ 5 weeks</b>	Adverse weather delaying project and now Christmas shut done.

## Overall Status:

With only 1 days work to allow scaffold strip and the subsequent substantial completion we experienced a sharp fall in temperature prohibiting the painting. We attempted to work the weekend to overcome this but were beaten. This cold spell then developed in a cycle of extreme low temperatures and snow resulting in the closure of the structure for 2 weeks.

Once access to the site was again possible we were faced with a site which was covered in grit, traffic film and salts.

At this stage cleaning was abortive due to the thaw causing large amounts of run off with further contamination cascading over the works.

The decision was taken to install additional encapsulation to allow the external heaters a chance of bringing the ambient temperature to within specification once the air temperature rose. During this stage we also pressure washed the works at the areas which were critical for painting.

The encapsulation work proved successful and the required top coat was applied last week.

Scaffold strip commenced on Friday 17th December and was due for completion Tuesday 21st.

The sever frost and snow returned over the following weekend and the resultant hard frost on Monday 20th December made accessing the scaffold for stripping impossible on the grounds of safety.

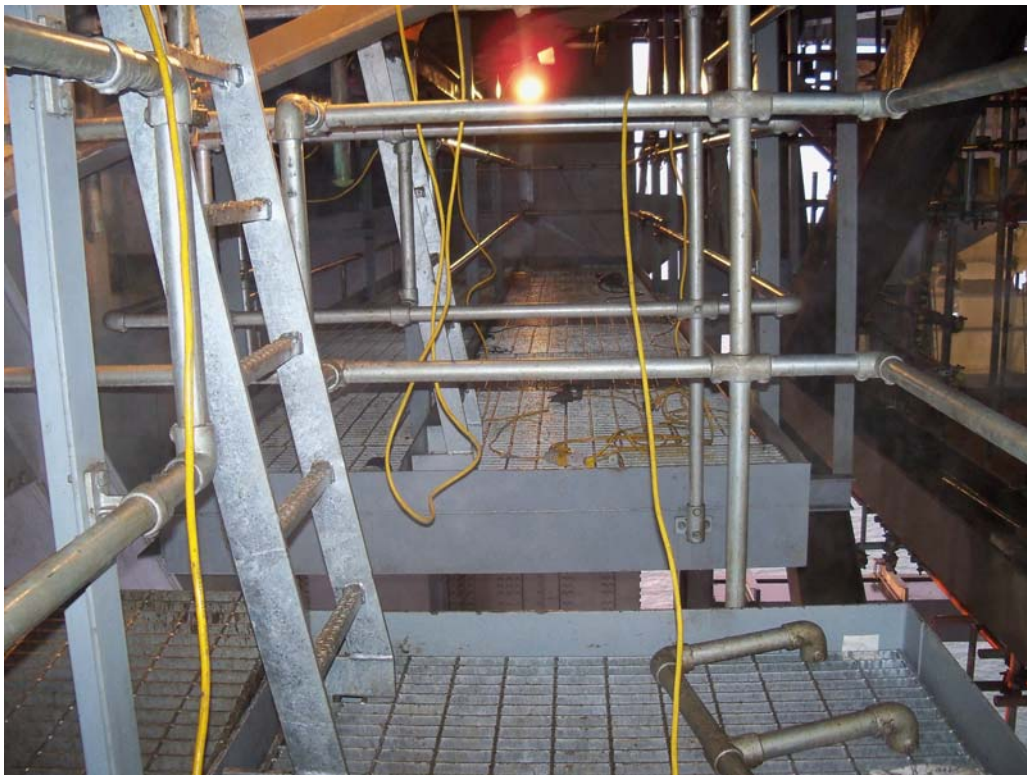
Millar Callaghan have all the elements on site and will continue to progress the works as much as possible so that only floor panel installation is outstanding for completion.

At this stage we are unable to be certain of the date of completion or access due to ongoing weather conditions but we estimate that approximately 4 to 5 days works remaining when the weather breaks.

Snagging on non critical items and paint will be a return operation in the spring at a mutually agreed time.



## SECTION 4.1 – PHOTOS



## **Section 5 –Design Information Required ( tq's ETC )**

### **a) By Contractor**

None.

### **b) By PM team**

None.

## **SECTION 6 – QUALITY**

### **a) General**

No Issues

### **b) Testing & Defects**

No outstanding tests

### **c) NCRs**

No new NCRs raised existing NCR paperwork to be closed out.

## **SECTION 7 – ENVIRONMENT ( SPILLS, NOISE, CONCERNES & COMPLAINTS )**

We have all our environmental procedures and measures in place.

No complaints or concerns have been raised with the contractor.

Considerate contractors audit carried out and report issued to all parties.

## **SECTION 8 – STAFF**

Name	Title	Release Date
	Project Manager	Jan 2011
	Foreman	Dec 2010

## **SECTION 9 – LABOUR**

At present we have 5 No operatives on site.

## **SECTION 10 – PLANT**

Not applicable on this project

## **SECTION 11 – MATERIALS**

No materials with long deliveries are required on this project.

## **SECTION 12 – SUB-CONTRACTS**

Company	Trade	Comments
SGB Harsco	Scaffolding	10 No on site. Supplemented as required.
Miller Callaghan	Fabrication & Installation	10 No on site.

## **SECTION 13 – MISCELLANEOUS**

No other issues.