

# January 2019 Summary Health & Safety Performance Report

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# Executive Summary

## 1. Executive Summary

### Accident Frequency Rate (AFR) Overview:

- The **Major Projects 12 month rolling AFR** to January 2019 **remained at 0.04**.
- There was **1 RIDDOR Dangerous Occurrence** reported in January 2019.
- **0 RIDDORs** fell out of the scope of the rolling AFR calculation.
- The in-month AFR was **0.00** and the net 12 month recorded hours increased by 1.94% (16.1 to 16.4m).
  
- The **Operations 12 month rolling AFR** to January 2019 **decreased** from 0.10 to **0.09**.
- There was **1 RIDDOR** accident reported in January 2019.
- **2 RIDDORs** fell out of the scope of the rolling AFR calculation.
- The in-month AFR was **0.07** and the net 12 month recorded hours decreased by 1.23% (22.02m to 21.7m).
  
- The overall **Supply Chain 12 month rolling AFR** to January 2019 **remained at 0.07**.
- There have been **18 RIDDORs** year to date and **27 RIDDORs** in the rolling 12 month period.
- **2 RIDDORs** fell out of the scope of the rolling AFR calculation.
- The in-month AFR was **0.04** and the net 12 month recorded hours increased by 0.12% (38.13m to 38.18m).

### Incidents Reported:

- There were **3 RIDDOR** incidents in January 2019 (Section 3/4 and Appendix 3/4).
- There has been **1** incident within Operations, which occurred on 29<sup>th</sup> January that has not yet been classified as RIDDOR reportable to date. If it becomes reportable the accident will be included in next month's Performance Report.

### Site Inspections:

- There were **40** inspections carried out in January 2019 by the H&S Division, **16** in Major Projects and **24** in Operations (Section 9).

### Fatality Data:

- The National Incident Liaison Officer (NILO), media and police reports provide information on the number of fatalities on the strategic road network. These data sources indicated that there had been **24** fatalities on the Strategic Road Network (Section 7 and Appendix 6).

# Accident Frequency Rate Overview

**Table 1 Month and 12 month rolling incident data**

Area	AFR Target	AFR Actuals (rolling 12 months)	AFR for month	Fatality	RIDDOR Specified Injury	RIDDOR > 7 day injury	RIDDOR Disease	Total RIDDOR Reportable	RIDDOR Dangerous Occurrences <sup>1</sup>
Major Projects	0.06	0.04	0.00	0 (0)	0 (3)	0 (4)	0 (0)	0 (7)	1 (1)
Operations	0.06	0.09	0.07	0 (0)	0 (7)	0 (11)	1 (2)	1 (20)	0 (1)
<b>Supply Chain Total</b>	0.06	0.07	0.04	0 (0)	0 (10)	0 (15)	1 (2)	1 (27)	1 (2)

NB: The data recorded in **(brackets)** is the 12 month rolling data. The content of this report is informed by the [IoD/HSE "Leading Health and Safety at Work"](#) guidance.

Supply Chain RAG status based on AFR target of 0.06 and aligning to the CPF model:

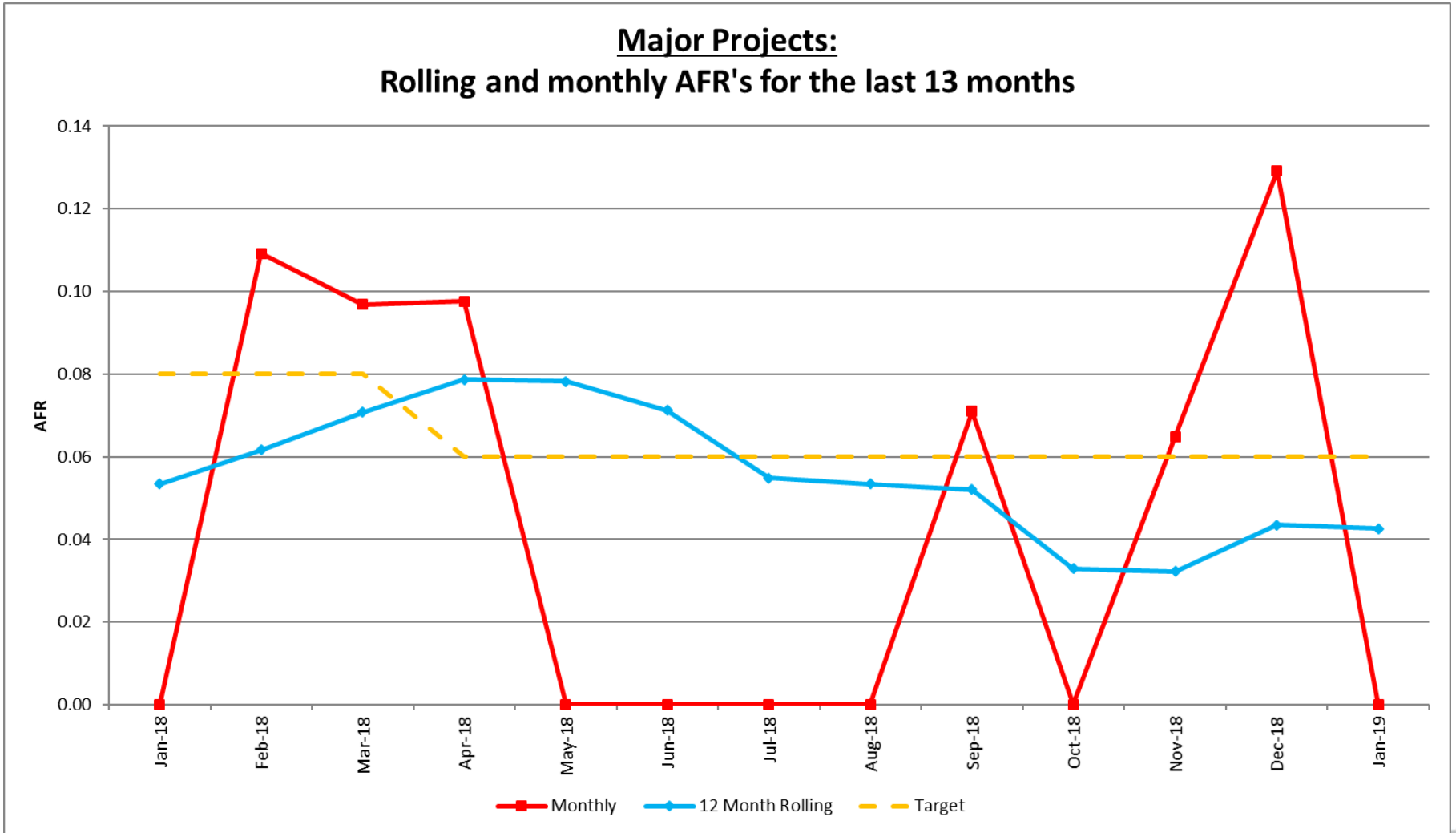


<sup>1</sup> RIDDOR Dangerous Occurrences are not injuries so are not included in the AFR calculation

<sup>2</sup> This is the national AFR figure calculated using the hours worked in the TOS and RCCs.

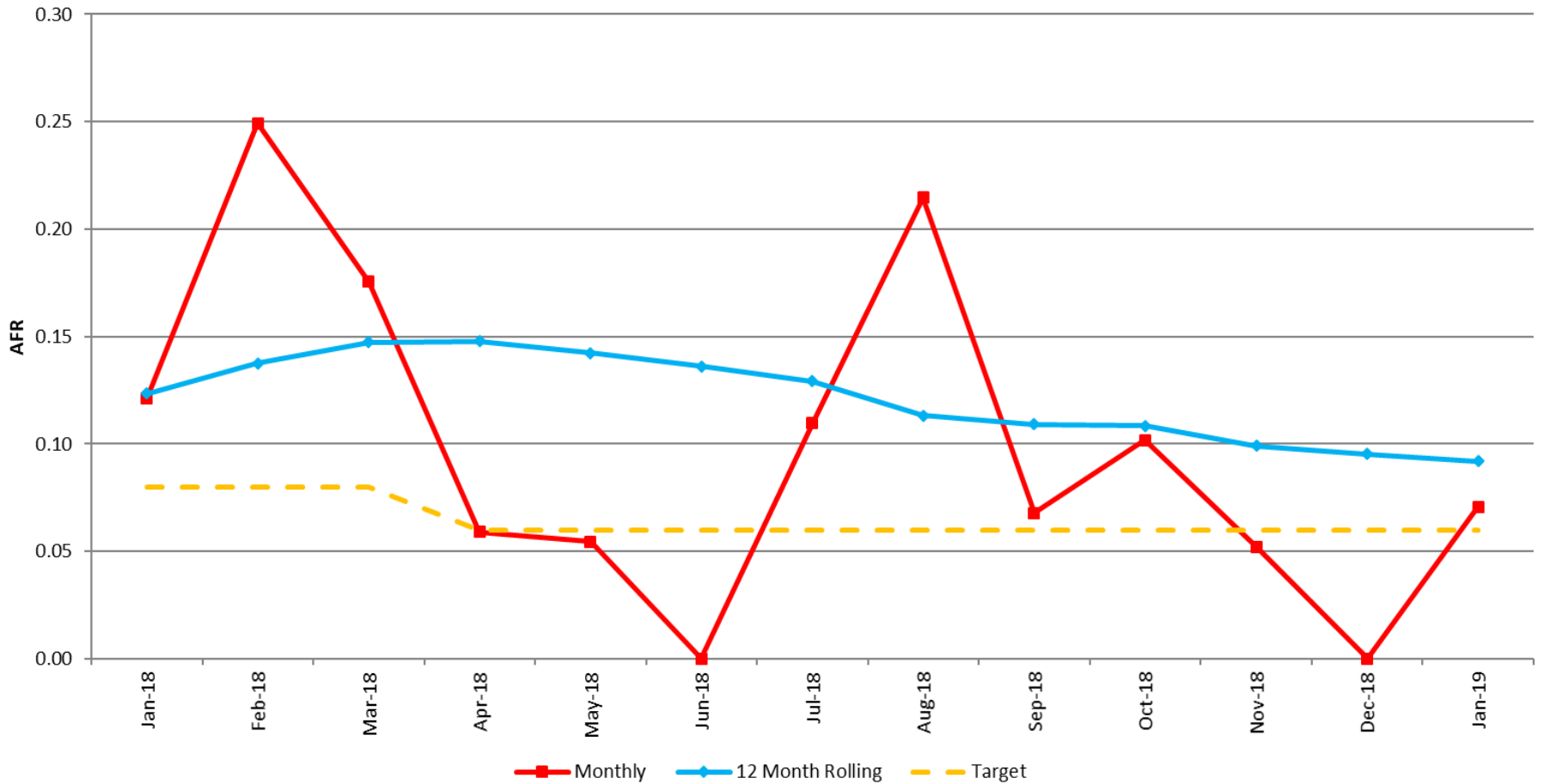
# Graph 1 – Rolling AFR for Supply Chain - Major Projects

**Major Projects:**  
Rolling and monthly AFR's for the last 13 months

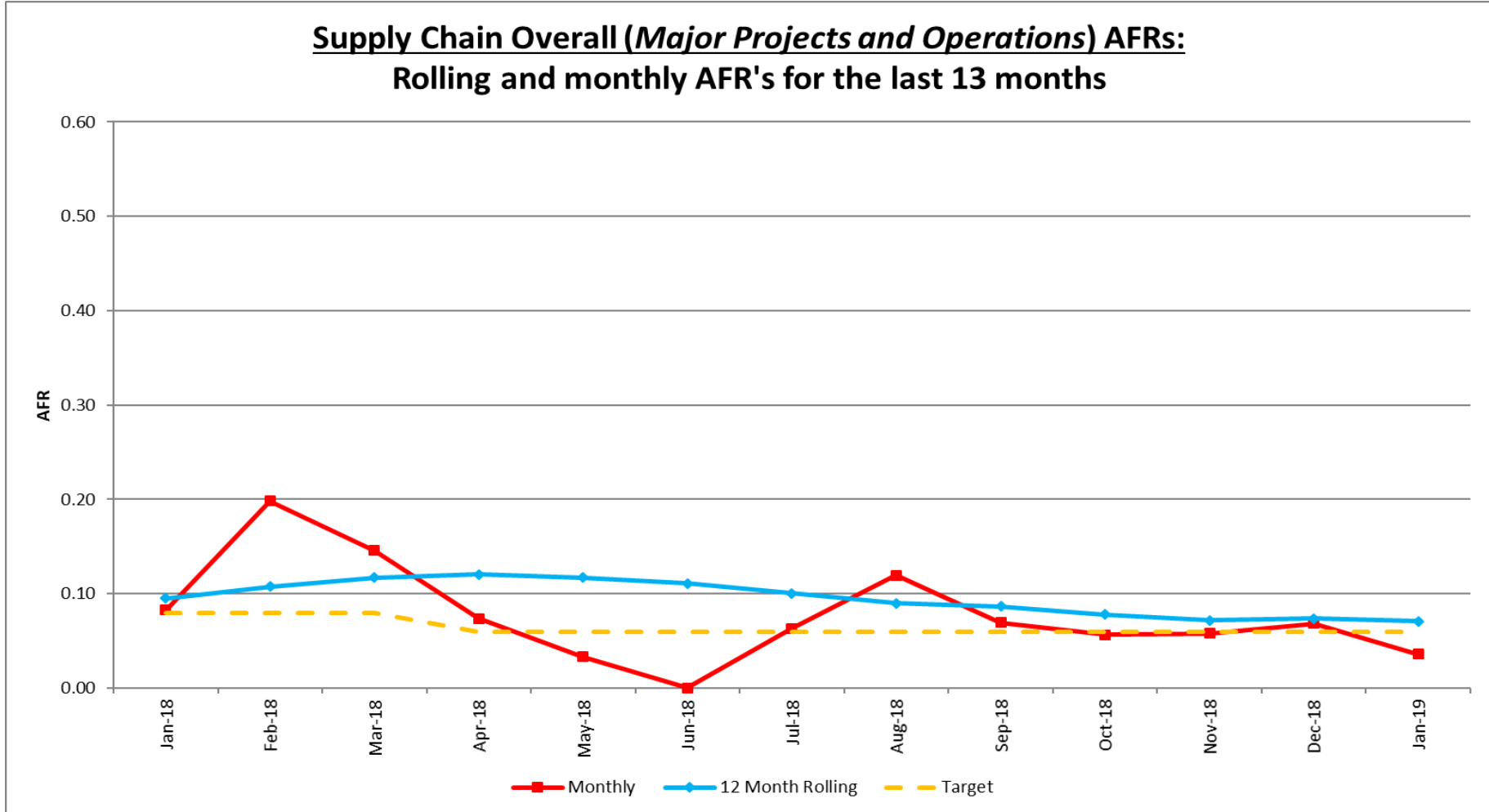


## Graph 2 – Rolling AFR for Supply Chain - Operations

**Supply Chain - Operations AFR's:**  
Rolling and monthly AFR's for the last 13 months



## Graph 3 – Rolling AFR for Supply Chain – Major Projects and Operations



## Performance by Supplier across the Supply Chain

Table 2 – Summary of 12 month rolling performance by supplier across all Supply Chain

Supplier	Hours worked	% hours worked	RIDDOR	Type of incidents				AFR	Group AFR
				Fatality	Specified Injury	> 7 Day	Disease		
Kier Highways	9,908,082	25.95%	6	0	3	2	1	0.06	0.06
Balfour Beatty	3,961,411	10.38%	3	0	3	0	0	0.08	0.10
Skanska	3,593,341	9.41%	0	0	0	0	0	0.00	0.00
A-one+	3,284,891	8.60%	0	0	0	0	0	0.00	0.13
Connect Plus	2,094,325	5.49%	3	0	2	1	0	0.14	0.10
BAM Nuttall Ltd	1,801,213	4.72%	0	0	0	0	0	0.00	0.10
Costain	1,639,310	4.29%	1	0	0	1	0	0.06	0.07
Jacobs	1,268,210	3.30%	0	0	0	0	0	0.00	0.00
Amey (Highways)	1,255,519	3.29%	1	0	0	1	0	0.08	0.12
Atkins	928,475	2.43%	0	0	0	0	0	0.00	0.00
Ringway Ltd	433,088	1.13%	1	0	0	1	0	0.23	0.00
Galliford Try	341,424	0.89%	1	0	0	1	0	0.29	-
AECOM	329,764	0.86%	1	0	0	1	0	0.30	-
Laing O'Rourke	327,996	0.86%	1	0	0	0	1	0.30	-
H.W Martin Ltd	315,624	0.83%	1	0	0	1	0	0.32	0.00
Interserve	290,796	0.76%	0	0	0	0	0	0.00	0.13
CHC Highways	284,340	0.74%	1	0	0	1	0	0.35	-
Osborne	167,798	0.44%	1	0	1	0	0	0.60	-
Graham Construction	143,659	0.38%	1	0	0	1	0	0.70	0.00
Tarmac Aggregates Ltd	134,808	0.35%	2	0	1	1	0	1.48	0.00
Forest Support Services	86,757	0.23%	1	0	0	1	0	1.15	1.00
FMG Support	12,509	0.03%	1	0	0	1	0	7.99	3.00
CC Ground Investigations Ltd	1,887	0.00%	1	0	0	1	0	52.99	4.00
Rest of Group (56)	5,585,122	14.63%	0	0	0	0	0	0.00	
Total	38,180,349	100.00%	27	0	10	15	2	0.07	

The contractors represented in this table are recognised as the principal contractors undertaking work across various Highways schemes and in conjunction with other contractors. This data draws together data from across all schemes and includes Suppliers who have +1% hours worked or have had a reportable incident in the past 12 months. The blue line annotates 1 million hours worked. Further information on Suppliers Performance can be found in Appendix 1.

Key > 0.13 0.13 ≥ & > 0.06 ≤ 0.06

## Summary of Significant Supply Chain Incidents reported

There have been 2 RIDDOR accidents in January.

Date of incident	Location	Incident category	Overview of incident
21/01/2019	Operations Severn Bridges Group – Laing O'Rourke & Highways England	RIDDOR Occupational Disease	A report was made to the HSE that a Highways England employee working for the Severn Bridges Group and being managed by Laing O'Rourke had been diagnosed with an occupational disease. Following a Tier 2 assessment (questionnaire) for hand arm vibration syndrome (HAVS) a member of the Severn Bridges Group engineering team indicated that they believed they showed symptoms of the disease. A follow up Tier 4 assessment was undertaken by a Consultant who informed Highways England that the member of staff tested had been diagnosed with Stage 1V minor HAVS symptoms in the tip of their right hand middle finger and this should be reported as a Disease under the RIDDOR Regulations. <a href="#">AIRSweb: 91193</a>
21/01/2019	Major Projects SMP – Kier Highways - M6 Jct 16-19 MP 262/3	RIDDOR Dangerous Occurrence	During the removal of approximately 1200m of temporary vehicle restraint barrier. Flat-bed trailers had been positioned either side of overhead 11kV power lines and a lorry loader was being used to place the removed sections of barrier onto the trailer. G56 goalposts were in place on the scheme but the lorry loader was working on the carriageway within a lane 1 and 2 closure and outside the perimeter of the goal posts. After finishing loading the trailer on the south side the lorry loader started to travel north with the crane in the elevated position to start loading the other trailer. Whilst driving under the power line the crane struck and damaged one of the overhead 11 kV lines causing it to fall to the ground. No injuries were sustained. <a href="#">AIRSweb: 91334</a> .



# Road User Performance and Road User Safety

## Key Activities This Month:

- We held a successful Driving for Better Business Public Sector Summit at the Houses of Parliament which was well attended by organisations representing local authorities, emergency services and government departments. Our guest speakers included the Chairman of the Health & Safety Executive, the Police and Crime Commissioner with the Road Safety Portfolio, National Police Chief Council Roads Policing Lead, and a Tier 1 supplier. They provided powerful and impactful presentations on the need and benefits of improved work-related safety for driving through ensuring compliance of drivers and vehicles, as well as ensuring their supply chains work within the law and strive for best practice. The event has led to increased up-take and contact regarding the programme from our public-sector partners and we will use the material captured to increase the reach of [DfBB](#) across public sector organisations. We will be replicating the format for the private sector at an event to be held at McLaren's headquarters in May.
- As part of our activities to promote and accelerate the use of technology to prevent human errors on the network we have held a number of Digital Driver briefings attend by over 120 businesses ranging from BT, Toyota, Zurich, Sainsbury's, Volvo, BP, UBER and Microsoft. The events looked to explore the role partners could play in providing a platform for promoting new technologies and collaborating to improve road user safety. Follow up discussions with interested parties are planned in February and we are developing potential [workstreams](#) to be taken forward from April 2019.



Sensors



Telematics



Safety mobile apps

- We continue to work closely with Thatcham and AEGIS to take forward joint working opportunities through insurance, with a focus initial on commercial vehicles (vans), and wider vehicle technology developments. We recently held a workshop with Thatcham and BOSCH who provided an overview of future technology developments and emerging pilots, of note was a cloud based wrong way driver warning system using GPS and Mobile Phones to detect incidents and then send warnings to other drivers.

## National Health & Safety Team Update

**Safety Alerts:** There was **1** Safety Alert issued in the month:

**HEi068 Highways England Safety Alert - [Overhead cable strikes](#)**

## Site Inspections undertaken in January 2019

This month there has been 40 inspections undertaken across Highways England, a summary of the findings are:

	Number of inspections	No. observations Status (Red)	No. observations Status (Amber)	No. observations Status (Green)	No. blue star observations Status ★
Major Projects	16	12	15	94	0
Operations	24	3	35	360	0
Totals	40	15	50	454	0

Key to non-conformance RAG status:

**Red** Non-conformance with legislation or Raising the Bar (RtB) requirements

**Amber** RtB requirements not adopted everywhere on site or in full, and negative observation

**Green** Positive observation relating to management of top risks

**★** Exceptional performance or new initiative not widely used on other sites

## Supply Chain Performance Tables

Rolling 12 months to January 2019									
Supplier	Worked (12 Months)	Total RIDDORs	Fatality	Specified Injury	> 7 day	Disease	Minor Injuries	AFR	Dec. AFR
Skanska	3,593,341	0	0	0	0	0	6	0.00	0.00
Kier Highways	2,961,780	2	0	1	1	0	11	0.07	0.06
Balfour Beatty	2,405,721	2	0	2	0	0	11	0.08	0.08
Costain	1,639,310	1	0	0	1	0	3	0.06	0.06
Jacobs	1,236,744	0	0	0	0	0	0	0.00	0.00
Atkins	928,475	0	0	0	0	0	1	0.00	0.00
Morgan Sindall	766,130	0	0	0	0	0	5	0.00	0.00
Mott MacDonald Ltd	385,365	0	0	0	0	0	3	0.00	0.00
Galliford Try	332,115	1	0	0	1	0	3	0.30	0.33
Vinci Construction	319,862	0	0	0	0	0	5	0.00	0.00
AECOM	305,606	1	0	0	1	0	1	0.33	0.34
WSP	287,091	0	0	0	0	0	2	0.00	0.00
John Sisk	258,472	0	0	0	0	0	2	0.00	0.00
BAM Nuttall Ltd	171,562	0	0	0	0	0	0	0.00	0.00
Sisk Lagan JV	167,401	0	0	0	0	0	5	0.00	0.00
Interserve	107,197	0	0	0	0	0	0	0.00	0.00
Arcadis	103,164	0	0	0	0	0	0	0.00	0.00
Hyder Consulting	58,851	0	0	0	0	0	0	0.00	0.00
Redflex	41,537	0	0	0	0	0	0	0.00	0.00
Carnell Support Services Ltd	17,228	0	0	0	0	0	0	0.00	0.00
Carillion*	9,342	0	0	0	0	0	3	0.00	0.00
Pre-construction/PC to be assigned	326,300	0	0	0	0	0	6	0.00	0.00
Grand Total	16,422,594	7	0	3	4	0	67	0.04	0.04

\* Carillion hours are reducing each month but will remain within the table until the 'Hours worked in the last 12 months' has reached zero.

Key > 0.13 0.13 ≥ & > 0.06 ≤ 0.06

## Supply Chain Performance Tables (continued)

Table 5 – Major Projects (Regional and Programme Performance)

Supplier	Rolling 12 months to January 2019								
	Hours Worked (12 Months)	Total RIDDORs	Fatality	Specified Injury	> 7 Day	Disease	Minor Injuries	AFR	Dec. AFR
RIP Overall	4,492,479	1	0	1	0	0	33	0.02	0.02
<i>RIP East</i>	311,987	0	0	0	0	0	3	0.00	0.00
<i>RIP Midlands</i>	317,956	0	0	0	0	0	0	0.00	0.00
<i>RIP North West</i>	1,358,676	1	0	1	0	0	2	0.07	0.08
<i>RIP South East</i>	942,916	0	0	0	0	0	12	0.00	0.00
<i>RIP South West</i>	287,074	0	0	0	0	0	3	0.00	0.00
<i>RIP Yorkshire and North East</i>	1,273,870	0	0	0	0	0	13	0.00	0.00
CIP	4,706,746	1	0	0	1	0	9	0.02	0.02
NIP	470,851	0	0	0	0	0	0	0.00	0.00
SMP	6,707,631	5	0	2	3	0	28	0.07	0.07
HS2	3,350	0	0	0	0	0	0	0.00	0.00
<u>Redflex</u>	41,537	0	0	0	0	0	0	0.00	0.00
Grand Total	16,422,594	7	0	3	4	0	70	0.04	0.04

Key > 0.13 0.13 ≥ & > 0.06 ≤ 0.06

## Supply Chain Performance Tables (continued)

Table 6 – Operations Contractor Performance

Area/Principal Contractor	Rolling 12 months to January 2019								
	Hours Worked (12 months)	Total RIDDORs	Fatality	Specified Injury	> 7 Days	Disease	Minor Injuries	AFR	Dec. AFR
<b>East</b>	<b>1,682,176</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>10</b>	<b>0.24</b>	<b>0.28</b>
Asset Support	936,584	2	0	1	0	1	6	0.21	0.21
CDF	615,888	2	0	1	1	0	3	0.32	0.45
DBFO	109,407	0	0	0	0	0	0	0.00	0.00
RTMC	20,297	0	0	0	0	0	1	0.00	0.00
<b>Midlands</b>	<b>6,425,517</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>28</b>	<b>0.05</b>	<b>0.05</b>
Asset Delivery	1,727,455	2	0	0	2	0	5	0.12	0.11
Asset Support	2,394,000	1	0	0	1	0	6	0.04	0.04
DBFO	50,138	0	0	0	0	0	0	0.00	0.00
Improvement Scheme	1,791,137	0	0	0	0	0	16	0.00	0.00
M6 Toll	286,355	0	0	0	0	0	0	0.00	0.00
RTMC	176,432	0	0	0	0	0	1	0.00	0.00
<b>North East</b>	<b>3,166,485</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>21</b>	<b>0.09</b>	<b>0.13</b>
Asset Delivery	759,514	3	0	1	2	0	6	0.39	0.45
Asset Support	1,783,216	0	0	0	0	0	8	0.00	0.00
DBFO	542,005	0	0	0	0	0	7	0.00	0.00
Improvement Scheme	42,147	0	0	0	0	0	0	0.00	0.00
RTMC	39,603	0	0	0	0	0	0	0.00	0.00
<b>North West</b>	<b>1,984,057</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>0.05</b>	<b>0.05</b>
Asset Delivery	864,031	0	0	0	0	0	4	0.00	0.00
Asset Support	1,085,943	1	0	1	0	0	7	0.09	0.09
RTMC	34,083	0	0	0	0	0	1	0.00	0.00
<b>South East</b>	<b>6,452,188</b>	<b>4</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>35</b>	<b>0.06</b>	<b>0.06</b>
Asset Support	4,305,466	1	0	1	0	0	20	0.02	0.02
DBFO	2,094,325	3	0	2	1	0	12	0.14	0.14
Improvement Scheme	3,064	0	0	0	0	0	0	0.00	0.00
RTMC	49,333	0	0	0	0	0	3	0.00	0.00
<b>South West</b>	<b>1,587,054</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>17</b>	<b>0.25</b>	<b>0.20</b>
Asset Delivery	1,168,798	3	0	0	3	0	8	0.26	0.28
DBFO	65,908	0	0	0	0	0	0	0.00	0.00
Severn River Group	327,996	1	0	0	0	1	9	0.30	0.00
RTMC	24,352	0	0	0	0	0	0	0.00	0.00
<b>National</b>	<b>460,278</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>0.22</b>	<b>0.23</b>
ESCORT	5,911	0	0	0	0	0	0	0.00	0.00
Efficiency and Noise Insulation Project	13,645	0	0	0	0	0	0	0.00	0.00
NGVR - Next Generation Vehicle Recovery	25,717	1	0	0	1	0	0	3.89	6.56
National Roads Telecommunication Services	404,848	0	0	0	0	0	1	0.00	0.00
Property M.E.S. E	10,157	0	0	0	0	0	2	0.00	0.00
<b>Grand Total</b>	<b>21,757,755</b>	<b>20</b>	<b>0</b>	<b>7</b>	<b>11</b>	<b>2</b>	<b>126</b>	<b>0.09</b>	<b>0.10</b>