

August 2018

Summary Health & Safety Performance Report

Board Sponsor: Alan Cumming

Executive Sponsor: Mike Wilson

Author: Mark Byard



Executive Summary

Accident Frequency Rate (AFR) Overview:

The **Major Projects 12 month rolling AFR** to August 2018 decreased from 0.06 to **0.05**.

There were **0** RIDDOR accidents reported in August 2018.

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 0.444% (12.71m to 12.77m).

The **Operations 12 month rolling AFR** to August 2018 decreased from 0.13 to **0.11**.

There were **3** RIDDOR accidents reported in August 2018.

7 RIDDORs fell out of the scope of the rolling AFR calculation.

The in-month AFR was **0.21** and the net 12 month recorded hours decreased by 1.302% (20.1m to 19.9m).

The overall **Supply Chain 12 month rolling AFR** to August 2018 reduced from 0.10 to **0.09**.

There has been **8 RIDDORs** year to date (April) and **29 RIDDORs** in the rolling 12 month period.

7 RIDDORs fell out of the scope of the rolling AFR calculation.

The in-month AFR was **0.11** and the net 12 month recorded hours decreased by 0.627% (32.8m to 32.6m).

Incidents Reported:

There were 3 RIDDOR accidents reported in August 2018

Site Inspections:

There were **36** inspections carried out in August 2018 by the H&S Division, **13** in Major Projects and **23** in Operations .

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 19 fatalities on the Strategic Road Network.

Accident Frequency Rate Overview

All data included within this report is up to date as of 7th September 2018. This performance report is provided to assist the Board and Executive to fulfil their leadership and management responsibilities in respect of health and safety. All incidents within the report have been reviewed by the Health and Safety Division.

Table 1 Month and 12 month rolling incident data

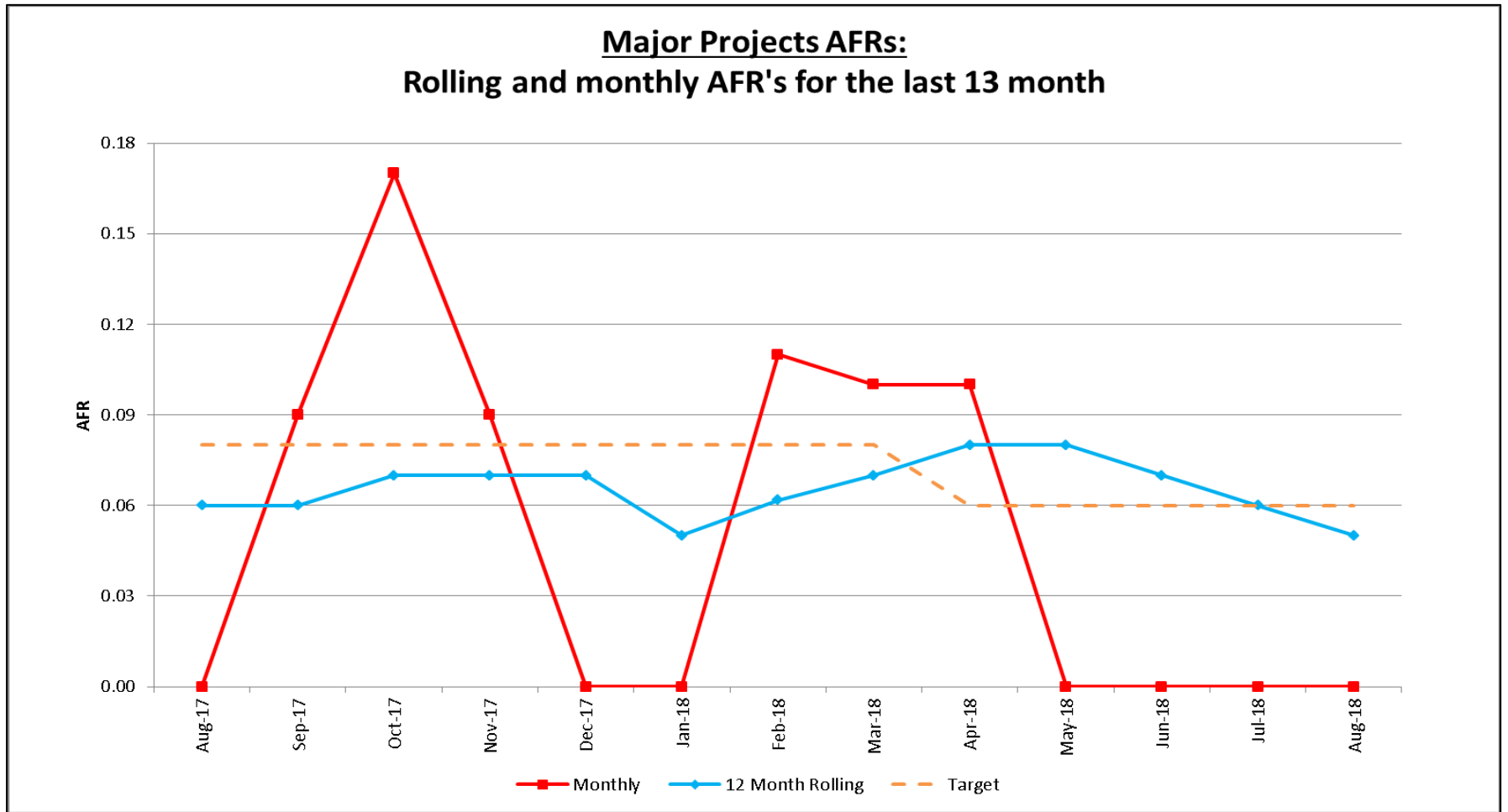
Area	AFR Target	AFR Actuals (rolling 12 months)	AFR for month	Fatality	RIDDOR Specified Injury	RIDDOR > 7 day injury	RIDDOR Disease	Total RIDDOR Reportable	RIDDOR Dangerous Occurrences ¹
Major Projects	0.06	0.05	0.00	0 (0)	0 (2)	0 (5)	0 (0)	0 (7)	0 (0)
Operations	0.06	0.11	0.21	0 (0)	1 (11)	2 (10)	0 (1)	3 (22)	0 (1)
Supply Chain Total	0.06	0.09	0.11	0 (0)	1 (13)	2 (15)	0 (1)	3 (29)	0 (1)

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.

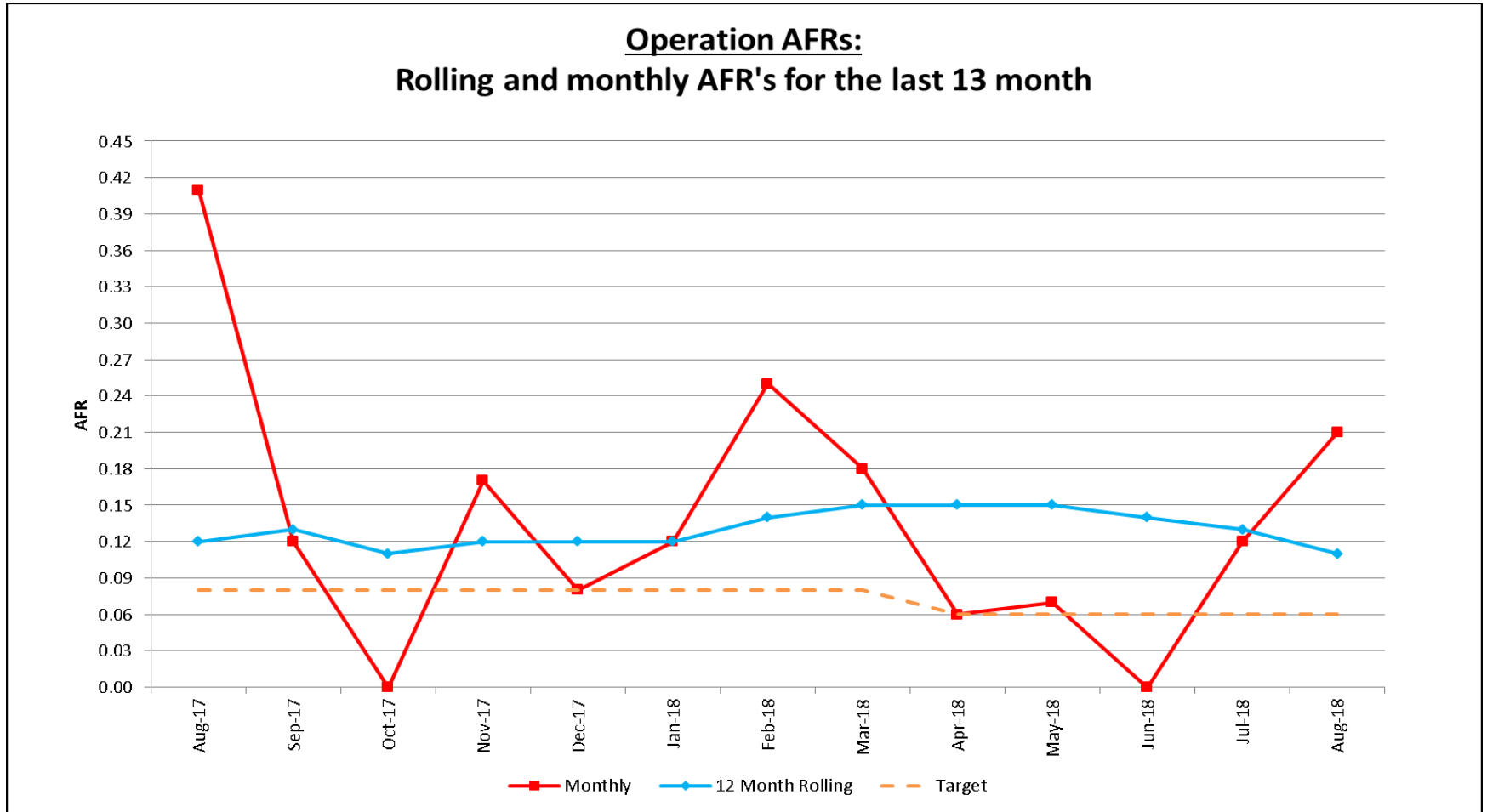
Supply Chain RAG status based on AFR target of 0.06 and aligning to the CPF model:



Graph 1 – Rolling AFR for Supply Chain - Major Projects

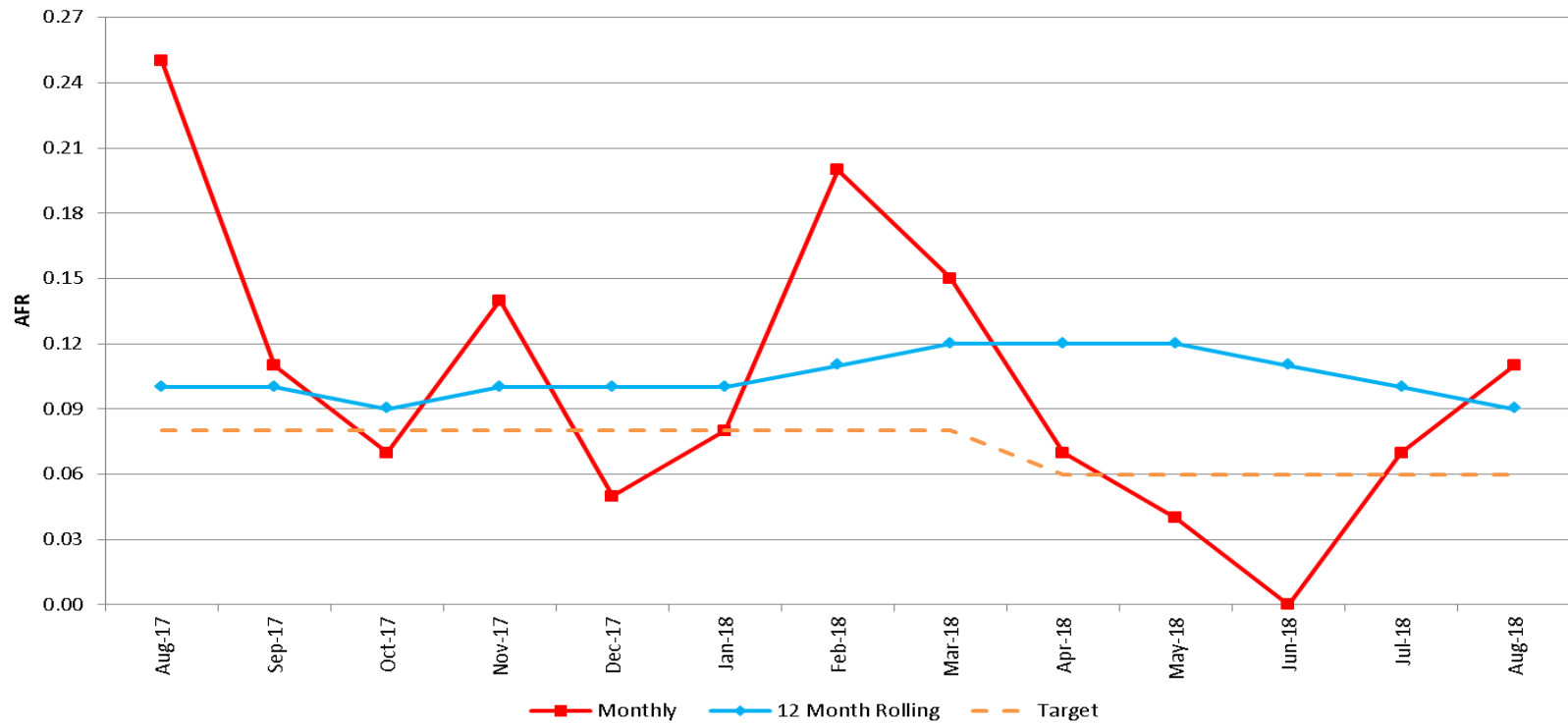


Graph 2 – Rolling AFR for Supply Chain - Operations



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

Supply Chain Overall (Major Projects and Operations) AFRs:
Rolling and monthly AFR's for the last 13 month



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	RIDDER	Type of incidents				AFR	Group AFR ²
				Fatality	Specified injury	> 7 day	Disease		
Kier Highways	8,555,524	26.19%	6	0	2	3	1	0.07	0.06
Balfour Beatty	3,621,008	11.08%	3	0	2	1	0	0.08	0.10
Costain	3,476,591	10.64%	3	0	0	3	0	0.09	0.07
A-one+	3,297,046	10.09%	2	0	2	0	0	0.06	0.13
Connect Plus	1,686,903	5.16%	3	0	2	1	0	0.18	0.10
Skanska	1,664,510	5.10%	0	0	0	0	0	0.00	
BAM Nuttall Ltd	1,611,810	4.93%	1	0	1	0	0	0.06	0.10
Amey (Highways)	1,485,417	4.55%	0	0	0	1	0	0.07	0.12
Carillion	1,204,171	3.69%	1	0	1	0	0	0.08	0.07
Jacobs	457,759	1.40%	0	0	0	0	0	0.00	
Sisk Lagan JV	407,572	1.25%	0	0	0	0	0	0.00	
Atkins	343,773	1.05%	0	0	0	0	0	0.00	
Severn River Group	315,457	0.97%	0	0	0	0	0	0.00	
Volker Fitzpatrick	315,254	0.97%	1	0	1	0	0	0.32	
CHC Highways	309,401	0.95%	1	0	0	1	0	0.32	
Interserve	249,672	0.76%	0	0	0	0	0	0.00	0.13
Tarmac Aggregates Ltd	201,953	0.62%	3	0	2	1	0	1.49	
Jointline Limited	19,966	0.06%	1	0	0	1	0	5.01	0.07
FMG	19,745	0.06%	1	0	0	1	0	5.06	
Hochtief	15,723	0.05%	1	0	0	1	0	6.36	
Graham Construction*	-	-	1	0	0	1	0	-	
Rest of Group (59)	3,408,080	10.43%	0	0	0	0	0	0.00	
Total	32,667,333	100%	29	0	13	15	1	0.09	

*Forming part of the CDF OD East Packages, Graham Construction's hours contribution will be ascertained for next month's report.

Key > 0.13 0.13 ≥ & > 0.06 ≤ 0.06

Summary of Significant Supply Chain Incidents reported

There have been 3 RIDDOR accidents in the supply chain this month.

Date of incident	Location	Incident category	Overview of incident
01/08/18	Operations Area 6 CDF package - Graham Ltd - A47 <u>Jct 19</u>	RIDDOR > 7 day injury	The operative working for Henry Kemp Ltd on behalf of Graham Ltd was fitting replacement road studs. They had poured hot bitumen from an open container into a pre drilled hole prior to placing the stud when they put the nearly full container onto the road surface. This action caused hot bitumen to be ejected from the container and come into contact with the operative's unprotected face causing burns (they were wearing safety glasses and not full face protection). The operative was taken to hospital for treatment. AIRSwEB: 56946.
11/08/18	Operations NGVR – FMG/ <u>Stort Mill Ltd -</u> M25 <u>Jct 26/27</u>	RIDDOR > 7 day injury	A vehicle recovery operative working for <u>Stort Mill Ltd</u> on behalf of FMG as part of the Next Generation Vehicle Recovery contract was attending a vehicle breakdown/collision. They were rigging up the articulated lorry cab with straps when they slipped on diesel / oil which had spilled on to the road surface and fell to the ground. The operative put their hand out in an attempt to break their fall which came into contact with metal debris causing a cut to their hand/wrist. The operative attended hospital where the cut required stitches which meant they were not able to perform their normal duties and returned to work after being signed off for 2 weeks. AIRSwEB: 57332.
18/08/18	Operations Area 5 - CPS - M25 <u>Jct 13</u>	RIDDOR Specified Injury	The operative working for Carnell on behalf of Connect Plus Services was contracted to prepare the groundwork for the installation of ramp metering equipment at <u>Jct 13</u> of the M25. Whilst installing foundations for the NAL sockets for the traffic signal poles a concrete pour was being delivered. The operative removed the supporting chain from the concrete chute of the volumetric mixer allowing the chute to dangle down off the supporting hooks. They then swung the conveyor/auger arm to place the concrete causing the dangling chute to detach and fall. The chute struck the operative's hand causing a laceration and fracture of a metacarpal bone. AIRSwEB: 58520.

Road User Performance and Road User Safety

- **Road Safety Campaigns** – we have delivered campaigns focusing on vehicle checks which aimed to reduce the number of unnecessary breakdowns (i.e. running out of fuel) and over the bank holiday we re-ran a campaign focusing on load security. We have continued to develop our '**Close Following**' campaign which will be launched on the 17th September and will run until the end of October. The campaign will include paid for media covering video on demand (adverts on catch up TV e.g. ITV Hub), out of home (posters at key locations), radio advertising, digital advertising, events and partnerships. This campaign will also include direct marketing in the form of stickers for vehicles (bumper stickers, etc.). The owned and earned channels will include press, media, digital, social media, internal communications, partnerships and stakeholder support. Press activity to support the campaign launch is well established with interest and coverage likely from BBC, ITV and SKY News.



- As part of the **Smart Motorway Compliance** project over 130,000 **Red X** enforcement warning letters have been sent out to date, with at least 4,000 letters to be issued during August based on offence data. We continue to receive positive feedback from customers completing the online survey which indicates that the approach is supported. Further interventions by Central Motorway Police Group (CMPG) and West Yorkshire Police to tackle persistent repeat offenders on the M6 and M62 continue to be undertaken and have proved effective. We are also continuing our engagement with key businesses. The Home Office has provided reassurance that the final piece of legislation needed to allow **Red X** enforcement using digital cameras has been cleared for coming into force and will be laid before Parliament in the coming weeks. We are currently progressing plans for an initial controlled roll-out of enforcement cameras at two sites by December 2018. A further update to the Safety Executive will be provided in October 2018.
- As part of our activities to reduce **towing related incidents** we have held a number of successful engagement events to better understand levels of compliance and to engage with customers around the importance of towing safety. In August we held an event at Keele Motorway Services with the support of three police officers who patrolled the network looking for obvious towing faults (i.e. no towing mirrors). A range of issues were identified ranging from unsecured loads, defective tyres/lights and various wider driving offences. We also had a representative from the Camping & Caravan Club that provided specialist technical advice. These events will be evaluated before wider rollout through the Fire Service and our Regional Safety Coordinators.



National Health & Safety Team Update

a) **Health and Safety Assurance reviews:**

The Health and Safety assurance team is in the process of agreeing the audit programme for the next six months. This has involved discussion with the Health and Safety Director and other senior members of the Senior Leadership Team.

b) **Revised health and safety policy statement published:**

The health and safety policy statement sets out our commitment to be accountable for the health and safety of all colleagues, and anyone affected by what we do. The statement reiterates that we must all hold safety as our first imperative, and take individual responsibility for our safety to get home safe and well each day. The policy statement is available [here](#).

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

- HEi054 Highways England Safety Alert - [Lifting Operations Incident](#)

Site Inspections undertaken in August 2018

This month there has been **36** 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	13	12	24	71	0
Operations	23	5	19	61	0
Totals	36	17	43	132	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

Site Inspections undertaken in August 2018 (continued)

Inspection findings on Major Project sites	
RAG Status	Trends
Red	<p>12 Red observations for the month of August and whilst there was no observable trend the following was noted: Site signage, lack of welfare facilities, vehicle plant separation, RAMS were not following the hierarchy of control and had not been briefed, management of plant on site and control of excavations.</p> <p>All findings were discussed with the local management team at the time of the visit and actions taken close immediately or with an agreed timescale. Certain activities have prompted a revisit next month to ensure the actions taken have been embedded.</p>
Amber	<p>During the month 24 Amber observations were made, five of which were identified during Design Office Reviews which focused on the management of actions and document control/accessibility. Common themes from the Amber findings were as follows: Site security, traffic management, communication of safety messages, control of CAT detection equipment and Housekeeping.</p> <p>All findings were discussed with the local management team at the time of the visit and actions taken close immediately or with an agreed timescale.</p>
Green	<p>A total of 71 Green observations have been made and is a decrease to last month due to a reduction in assurance inspections in August due to holidays.</p>



The following observations achieved a Blue Star for 'exceptional performance or new initiatives not widely used on other sites'

Observations on Major Project sites

Project	Observation
	No Blue Star awarded this month.

Site Inspections undertaken in August 2018 (continued)

Inspection findings on Operations sites	
RAG Status	Trends
Red	<p>There were 5 Red observations in the period of which 2 related to Highways England RCCs and Outstations where poor COSHH management (lack of <u>bunded</u> stores for hazardous materials) and an out of date fire risk assessment were noted. Both issues have been raised with Highways England FM to escalate and action.</p> <p>1 observation was raised when a plant operator was machine clearing loose chippings and was seen to place the bucket on the ground then raising the front wheels, apparently to clear the ground more effectively. This action makes the machine less stable. The operator was spoken to and has since completed additional training and toolbox talks. 1 observation was raised due to the very poor conditions noted in a mobile welfare van on site. The van was given a thorough clean and photos provided to confirm the issues have been addressed. The final observation was raised after an open void was found in the ladder access <u>here</u> scaffolders were working, increasing the potential for fall from height. The void was immediately covered with appropriate boarding and the regional H&S advisor met with the Managing Director of the contractor involved to discuss the issue.</p>
Amber	<p>There were 19 Amber Observations in the period. Common themes noted include poor PPE (4), lack of inductions (3), slip, trip hazards (5), poor plant/people segregation (2) and a lack of documentation (RAMS) on site (3).</p>
Green	<p>There were 61 Green Observations in the period which demonstrated a good level of compliance to standards. Common themes include good communication, good practice in relation to underground and overhead services, working at height and good traffic management on site.</p>



The following observation achieved a Blue Star for 'exceptional performance or new initiatives not widely used on other sites'

Observations on Operations sites

Project	Observation
	No Blue Star awarded this month.

Supply Chain Performance Tables

Table 3 – Major Projects Contractor Performance

Supplier	Rolling 12 months to August 2018								
	Hours Worked (12 months)	Total RIDDORS	Fatality	Specified injury	> 7 day	Disease	Minor Injuries	AFR	July AFR
Costain	3,476,591	3	0	0	3	0	9	0.09	0.08
Balfour Beatty	2,149,401	1	0	1	0	0	12	0.05	0.04
Skanska	1,664,510	0	0	0	0	0	8	0.00	0.00
Kier Highways	1,221,477	1	0	0	1	0	7	0.08	0.11
Carillion	1,190,536	1	0	1	0	0	4	0.08	0.07
Jacobs	457,759	0	0	0	0	0	0	0.00	0.00
Sisk Lagan JV	407,572	0	0	0	0	0	5	0.00	0.00
Atkins	343,773	0	0	0	0	0	2	0.00	0.00
Galliford Try	269,044	0	0	0	0	0	3	0.00	0.00
Morgan Sindall	258,065	0	0	0	0	0	9	0.00	0.00
Mott MacDonald Ltd	196,473	0	0	0	0	0	3	0.00	0.00
Amey (Highways)	194,486	0	0	0	0	0	0	0.00	0.00
AECOM	155,154	0	0	0	0	0	3	0.00	0.00
CH2M HILL	142,357	0	0	0	0	0	0	0.00	0.00
Vinci Construction	82,183	0	0	0	0	0	4	0.00	0.00
Arcadis	69,464	0	0	0	0	0	0	0.00	0.00
Hyder Consulting	39,865	0	0	0	0	0	0	0.00	0.00
WSP Parsons Brinckerhoff Limited	38,438	0	0	0	0	0	2	0.00	0.00
BAM Nuttall Ltd	36,433	0	0	0	0	0	0	0.00	0.00
Interserve	33,793	0	0	0	0	0	0	0.00	0.00
Carnell Support Services Ltd	17,913	0	0	0	0	0	0	0.00	0.00
Hochtief	15,723	1	0	0	1	0	1	6.36	5.61
Pre-construction/PC to be assigned	310,589	0	0	0	0	0	5	0.00	0.00
Total	12,771,599	7	0	2	5	0	77	0.05	0.06

Key > 0.13 0.13 ≥ & > 0.06 ≤ 0.06

Supply Chain Performance Tables (continued)

Table 4 – Major Projects (Regional and Programme Performance)

Supplier	Rolling 12 months to August 2018								
	Hours Worked (12 months)	Total RIDDORs	Fatality	Specified injury	> 7 Day	Disease	Minor Injuries	AFR	July AFR
RIP Overall	3,562,643	2	0	2	0	0	34	0.06	0.08
<i>RIP East</i>	284,652	0	0	0	0	0	2	0.00	0.00
<i>RIP Midlands</i>	182,269	0	0	0	0	0	0	0.00	0.00
<i>RIP North West</i>	1,181,613	1	0	1	0	0	4	0.08	0.08
<i>RIP South East</i>	412,909	1	0	0	1	0	10	0.24	0.24
<i>RIP South West</i>	113,376	0	0	0	0	0	4	0.00	0.00
<i>RIP Yorkshire and North East</i>	1,387,824	1	0	1	0	0	14	0.07	0.07
CIP	4,200,535	2	0	0	2	0	16	0.05	0.05
NIP	247,428	0	0	0	0	0	0	0.00	0.00
SMP	4,760,993	2	0	0	2	0	27	0.04	0.04
Grand Total	12,771,599	7	0	2	5	0	77	0.05	0.06

Key	> 0.13	0.13 ≥ & > 0.06	≤ 0.06
------------	------------------	-------------------------------	---------------

Supply Chain Performance Tables (continued)

Table 5 - Operations Area Performance (Principal Contractor)

Area/Principal Contractor	Rolling 12 months to August 2018								
	Hours Worked (12 months)	Total RIDDORs	Fatality	Specified injury	> 7 day	Disease	Minor Injuries	AFR	July AFR
Area 3 (Kier - ASC)	3,526,051	1	0	1	0	0	4	0.03	0.03
Area 9 (Kier - ASC)	2,335,227	1	0	0	1	0	1	0.04	0.08
Area 12 (AOne+ - ASC)	1,834,529	2	0	2	0	0	15	0.11	0.16
Area 5 (ConnectPlus DBFO)	1,496,150	3	0	2	1	0	10	0.20	0.13
Area 4 (AOne+ - ASC)	1,462,517	0	0	0	0	0	15	0.00	0.07
M5 Oldbury Project	1,451,150	1	0	1	0	0	11	0.07	0.14
Area 7 (EMAD)	1,351,694	2	0	0	2	0	11	0.15	0.23
Area 10 (BBMM - ASC)	1,156,592	2	0	1	1	0	4	0.17	0.18
Area 8 (Kier - ASC)	961,884	0	0	0	0	0	2	0.00	0.00
Area 6 (Kier - ASC)	0	2	0	1	0	1	1	0.00	0.00
Area 6 & 8 Combined*	961,884	2	0	1	0	1	0	0.21	0.31
Area 14 (NEAD)	671,882	3	0	1	2	0	7	0.45	0.47
Area 13 (NWAD)	636,705	2	0	1	1	0	5	0.31	0.33
Asset Delivery South West	417,515	0	0	0	0	0	11	0.00	0.00
DBFO - A168 / A19 Dishforth to Tyne Tunnel	303,613	0	0	0	0	0	3	0.00	0.00
NRTS	231,649	0	0	0	0	0	1	0.00	0.00
Severn River Group**	195,783	0	0	0	0	0	2	0.00	0.00
CDF OD East Package 1 (West) M1, A1 & A5	135,899	1	0	1	0	0	1	0.74	0.97
CDF OD East Package J (A47)	39,176	1	0	0	1	0	0	2.55	0.00
NGVR - Next Generation Vehicle Recovery***	19,745	1	0	0	1	0	0	5.06	0.00
Rest of Group (47)	1,667,975	0	0	0	0	0	8	0.00	0.00
Totals	19,895,735	22	0	11	10	1	112	0.11	0.13

Key	> 0.13	0.13 ≥ & > 0.06	≤ 0.06
------------	------------------	-------------------------------	---------------

*Hours for Areas 6 & 8 are combined as they are functioning as a single contract.

**Hours for Supply Chain and HE employees combined.

***Hours are based on an average from 12 months data.