

November 2021 Summary Health Safety & Wellbeing Performance Report

Board Sponsor: Alan Cumming Executive Sponsor: Mike Wilson

Author: Mark Byard

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Executive Summary

RIDDOR Rate	S	0.07		Op (or Projects 0.06 Derations 0.08 er Thames 0.00
Δ	SC	MP	Op	S	LTC
Event s	+1 / -1 / 28	+1 / - / 12	+1/-	/ 16	-/-/-
Rate	-	-	-		-

The 3 Numbers; In Month Incidents / Out of Scope Incidents / Total 12 Month Incidents

me Rate	S	upply Chain		or Projects 0.15
Lost Tin Incident F		0.18	Op	erations 0.21
Le				er Thames 0.25
Δ	SC	MP	Ops	LTC
Event s	+5 / -8 / 71	+3 / -1 / 28	+2 / -6 / 42	-/-1/1
Rate	-0.01	+0.01	-0.02	-0.14

The 3 Numbers; In Month Incidents / Out of Scope Incidents / Total 12 Month Incidents

rike	Supply Chain	Major Projects 0.34
Jtility Str Rate	0.29	Operations 0.24
Uti		Lower Thames 0.25

All data included within this report is up to date as of **3rd December 2021**. 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, Safety & Wellbeing Division

Hours worked

Lower Thames Cr	ossing		
396,941	-29.00%	24,483	-22.48%
12 Month Total	12 Month Change	Current Month	1 Month Change
Major Projects			
18,595,181	0.56%	1,636,412	0.56%
12 Month Total	12 Month Change	Current Month	1 Month Change
Operations			
20,424,736	1.27%	1,903,382	1.29%
12 Month Total	12 Month Change	Current Month	1 Month Change



RIDDOR & Lost Time Incident frequency rates

Directorate

Lost Time Incidents

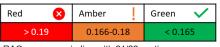
In Month Rate 3 Months Rate 12 Months Rate

Lower Thames Crossing	0	0.00	0	0.00	0	0.00	Lower Thames Crossing	0	0.00	1	0.84	1	0.25 🗴
Major Projects	1	0.06	4	0.08	12	0.06	Major Projects	3	0.18	9	0.19	28	0.15 🚳
Operations	0	0.00	1	0.02	16	0.08	Operations	2	0.11	8	0.15	42	0.21 ×
Supply Chain	1	0.03	5	0.05	28	0.07	Supply Chain	5	0.14	18	0.17	71	0.18
Supply Chain							Major Projects						
12m RIDDOR 3	m RIDE	OOR —	12m LT	1 3m	LTI		0.20						0.165
0.20	~		/	<u></u>	`		0.10						0.13
		<u> </u>	_	$\overline{}$	eg	Target: 0.165							
						Tanget 0.100	0.00						
0.15							Dec Janu Febr Marci 2020 2021 2021 2021			ine Ju 021 202			Octo Nov 2021 2021
						0.13	Operations						
0.10					1								_
							0.20						0.165
													0.13
0.05													
							0.00						

RIDDORs

Directorate

In Month Rate 3 Months Rate 12 Months Rate



RAG ranges are in-line with 21/22 vesting ranges



Performance by Supplier

Supplier Name	Total Hours	Lost Time Incidents	Lost Time AFR	RIDDORs	RIDDOR AFR	Utility Strikes	Utility Strike FR
Balfour Beatty	5,699,243	8	0.14	3	0.05	11	0.19
Costain	5,608,025	10	0.18	3	0.05	18	0.32
Kier	5,282,759	5	0.09	3	0.06	15	0.28
Connect Plus	2,294,894	4	0.17	2	0.09	2	0.09
BAM Nuttall	1,998,270	3	0.15	1	0.05	6	0.30
Amey	1,826,668	5	0.27	2	0.11	3	0.16
Aone+	1,618,150	3	0.19	0	0.00	1	0.06
Ringway Ltd	1,310,603	3	0.23	1	80.0	8	0.61
Chevron	1,056,934	4	0.38	0	0.00	0	0.00
Telent	796,297	3	0.38	1	0.13	0	0.00
Carnell Support Services Ltd	790,849	2	0.25	1	0.13	3	0.38
Galliford Try	780,672	0	0.00	1	0.13	6	0.77
Skanska	691,161	1	0.14	0	0.00	1	0.14
HW Martin Ltd	617,012	2	0.32	1	0.16	4	0.65
Graham Construction	468,434	0	0.00	0	0.00	3	0.64
Volker Fitzpatrick	407,324	0	0.00	0	0.00	7	1.72
John Sisk	383,700	0	0.00	0	0.00	2	0.52
Sir Robert McAlpine	344,634	0	0.00	0	0.00	1	0.29
Autolink Concessionaires (A19) Ltd	344,077	1	0.29	0	0.00	0	0.00
Forest Support Services	326,400	1	0.31	0	0.00	0	0.00
Colas	320,652	2	0.62	1	0.31	1	0.31
Egis	309,420	2	0.65	1	0.32	0	0.00
CHC Highways	244,443	2	0.82	1	0.41	1	0.41
Osborne	214,993	2	0.93	1	0.47	5	2.33
M J Church	201,578	1	0.50	0	0.00	3	1.49
Aggregate Industries	171,006	0	0.00	0	0.00	1	0.58
Taylor Woodrow	143,796	1	0.70	0	0.00	1	0.70
Road Management Services	110,944	1	0.90	1	0.90	0	0.00
Eurovia UK	79,401	0	0.00	0	0.00	1	1.26
AE Yates	76,772	0	0.00	0	0.00	1	1.30
J McCann	75,209	0	0.00	0	0.00	4	5.32
ATM (Ainsty Timber Marketing Ltd)	72,966	1	1.37	1	1.37	1	1.37
Volker Laser Ltd	50,677	1	1.97	1	1.97	0	0.00
R W Civil Engineering	36,012	1	2.78	1	2.78	0	0.00
Farrans	32,420	0	0.00	0	0.00	1	3.08
Arcadis	32,110	1	3.11	1	3.11	0	0.00
VSL	22,746	1	4.40	0	0.00	0	0.00
Mway Comms	22,695	0	0.00	0	0.00	1	4.41
Huyton Asphalt	16,797	0	0.00	0	0.00	1	5.95
Total	39,416,858	71	0.18	28	0.07	113	0.29

<u>Targets</u>

Lost Time Incident rate

Red 😵	Amber !	Green 🗸
> 0.19	0.166-0.18	< 0.165

Utility Strikes

Red 😵	Amber	Green 🗸
> 0.48	0.19-0.47	< 0.18



Performance by Supplier across Major Projects

Directorate	е		Ma	jor Projects			
Function	Hours	Lost Time Incidents	Lost Time AFR	RIDDORs	RIDDOR AFR	Utility Strikes	Utility Strike FR
CIP	1,006,330	0	0.00	0	0.00	1	0.10
RIP	8,253,714	18	0.22	5	0.06	38	0.46
SMP	9,335,137	10	0.11	7	0.07	25	0.27
Total	18,595,181	28	0.15	12	0.06	64	0.34

<u>Targets</u>		
Lost Time In	cident rate	
Red 🛚	Amber	Green 🗸
> 0.19	0.166-0.18	< 0.165
Utility Strikes		
Red 🕴	Amber !	Green 🗸
> 0.48	0.19-0.47	< 0.18

Directorate			Ma	jor Projects			
Function	Hours	Lost Time Incidents	Lost Time AFR	RIDDORs	RIDDOR AFR	Utility Strikes	Utility Strike FR
CIP	1,006,330	0	0.00	0	0.00	1	0.10
RIP	8,253,714	18	0.22	5	0.06	38	0.46
RIP North	4,975,259	11	0.22	3	0.06	20	0.40
Midlands	1,396,016	2	0.14	0	0.00	8	0.57
North West	1,278,112	4	0.31	2	0.16	3	0.23
Yorkshire and North East	2,301,131	5	0.22	1	0.04	9	0.39
RIP South	3,278,455	7	0.21	2	0.06	18	0.55
East	806,182	1	0.12	0	0.00	2	0.25
South East	1,479,926	2	0.14	1	0.07	11	0.74
South West	992,347	4	0.40	1	0.10	5	0.50
SMP	9,335,137	10	0.11	7	0.07	25	0.27
Total	18,595,181	28	0.15	12	0.06	64	0.34



Performance by Supplier across Operations

Directorate	Operations								
Regions	Total Hours	Lost Time Incidents	Lost Time AFR	RIDDORs	RIDDOR AFR	Utility Strikes	Utility Strike FR		
South East	4,155,177	6	0.14	3	0.07	10	0.24		
Midlands	3,847,751	10	0.26	3	0.08	8	0.21		
East	3,452,119	5	0.14	3	0.09	5	0.14		
Yorkshire and North East	2,916,509	6	0.21	1	0.03	3	0.10		
North West	2,617,048	5	0.19	3	0.11	8	0.31		
South West	2,201,888	8	0.36	2	0.09	14	0.64		
National	1,234,244	2	0.16	1	0.08	0	0.00		
Total	20,424,736	42	0.21	16	0.08	48	0.24		

Targets

Lost Time Incident rate

Red 🛭	Amber	Green 🗸
> 0.19	0.166-0.18	< 0.165

Utility Strikes

Red	3	Amber	Green 🗸
> 0.48		0.19-0.47	< 0.18

Directorate	Operations						
Regions	Total Hours	Lost Time Incidents	Lost Time AFR	RIDDORs	RIDDOR AFR	Utility Strikes	Utility Strike FR
South East	4,155,177	6	0.14	3	0.07	10	0.24
DBFO - M25 (Area 5)	2,294,894	4	0.17	2	0.09	2	0.09
Area 3	936,604	0	0.00	0	0.00	7	0.75
Area 4	732,182	1	0.14	1	0.14	1	0.14
M20 Quick Moveable Barrier Project	167,157	0	0.00	0	0.00	0	0.00
RTMC: M25 Regional Technology Contract	24,340	1	4.11	0	0.00	0	0.00
Midlands	3,847,751	10	0.26	3	0.08	8	0.21
Area 9	2,282,154	2	0.09	0	0.00	4	0.18
Area 7	1,502,958	7	0.47	2	0.13	4	0.27
DBFO - A50 / A564 Stoke to Derby	52,930	0	0.00	0	0.00	0	0.00
Oldbury	9,709	1	10.30	1	10.30	0	0.00
Yorkshire and North East	2,916,509	6	0.21	1	0.03	3	0.10
Area 12	1,618,150	3	0.19	0	0.00	1	0.06
Area 14	763,729	2	0.26	1	0.13	2	0.26
DBFO - A168 / A19 Dishforth to Tyne Tunnel	344,077	1	0.29	0	0.00	0	0.00
DBFO - A1 Darrington to Dishforth	81,952	0	0.00	0	0.00	0	0.00
DBFO - M1 - A1 Link Road	49,648	0	0.00	0	0.00	0	0.00
DBFO - A69 Carlisle to Newcastle	29,840	0	0.00	0	0.00	0	0.00
North East Tech Mac Contract	28,933						
Newport (Hull) Maintenance Compound Construction	180						

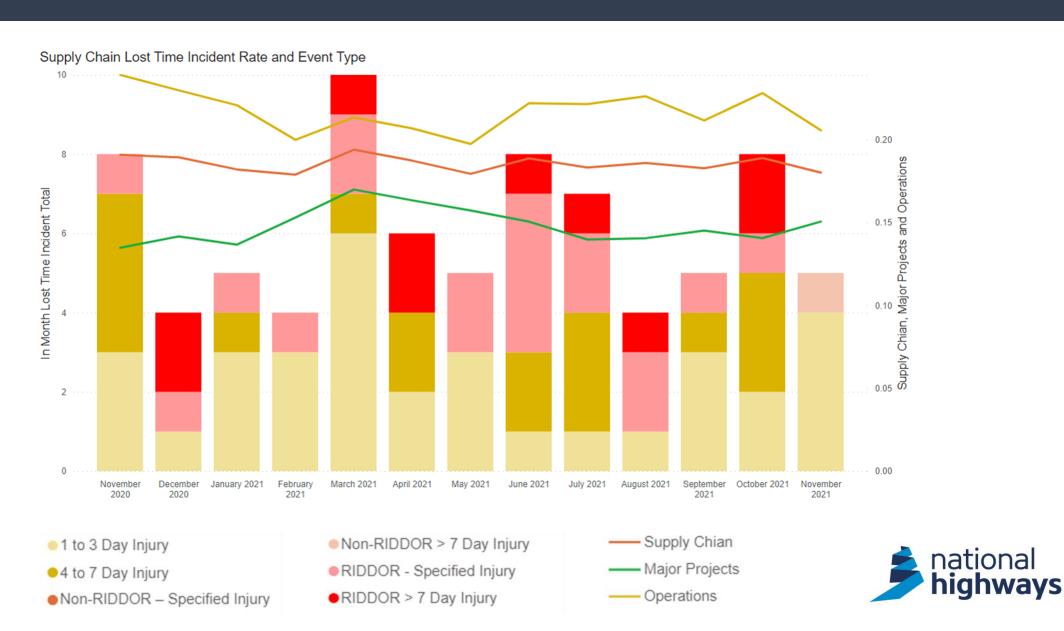


Performance by Supplier across Operations (continued)

Directorate		Operations					
Regions	Total Hours	Lost Time Incidents	Lost Time AFR	RIDDORs	RIDDOR AFR	Utility Strikes	Utility Strike FR
East	3,452,119	5	0.14	3	0.09	5	0.14
Area 6 & 8	3,084,857	2	0.06	1	0.03	5	0.16
DBFO - M40 J1-15 Denham to Warwick (area 30)	309,420	2	0.65	1	0.32	0	0.00
DBFO - A1(M) Alconbury to Peterborough	45,825	1	2.18	1	2.18	0	0.00
RTMC: East Regional Technology Contract	12,017	0	0.00	0	0.00	0	0.00
North West	2,617,048	5	0.19	3	0.11	8	0.31
Area 10	1,669,621	2	0.12	1	0.06	4	0.24
Area 13	947,427	3	0.32	2	0.21	4	0.42
South West	2,201,888	8	0.36	2	0.09	14	0.64
Area 1 & 2	1,943,517	8	0.41	2	0.10	14	0.72
Severn Bridge	110,677	0	0.00	0	0.00	0	0.00
DBFO - A419 / A417 Swindon to Gloucester	65,119	0	0.00	0	0.00	0	0.00
DBFO - A30 / A35 Exeter to Bere Regis	53,601	0	0.00	0	0.00	0	0.00
RTMC: South West Regional Technology Contract	28,974	0	0.00	0	0.00	0	0.00
National	1,234,244	2	0.16	1	0.08	0	0.00
NRTS - National Roads Telecommunications Services	745,272	2	0.27	1	0.13	0	0.00
Highways England TFM	327,600	0	0.00	0	0.00	0	0.00
Redflex Speed Cameras	74,992	0	0.00	0	0.00	0	0.00
NGVR National - Next Generation Vehicle Recovery	63,645	0	0.00	0	0.00	0	0.00
National Expert Control Room Tech Support -NECoRTS	22,735	0	0.00	0	0.00	0	0.00



Lost Time Incidents recorded by Supplier

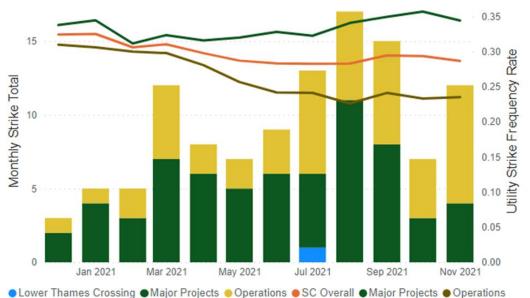


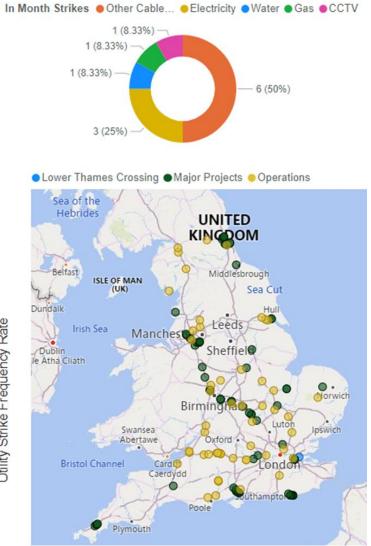
Utility Strikes recorded by Supplier

Directorate	Infrastructure Asset	Near Miss	Undesired Circumstance	Total
Lower Thames Crossing	1		0	1
Major Projects	64	2	4	70
Operations	48	4	4	56
Supply Chain	113	6	8	127

Directorate	12m Rate	Other Cables/Pipelines	Electricity	Water	Gas	CCTV	Total
Lower Thames Crossing	0.25	0	0	1	0	0	1
Major Projects	0.34	22	27	9	1	5	64
Operations	0.24	16	22	6	2	2	48
Supply Chain	0.29	38	49	16	3	7	113

Utility Strikes Reported per Month and Frequency Rates







SIGNIFICANT INCIDENTS

Summary of Significant Supply Chain Incidents reported

Major Projects - RIDDOR Ove	r 7 day Incident Airsweb ref: 145308
Regional Investment	The operative walked down a wet and muddy slope to examine silt fencing following an urgent response to a report of
Programme, Yorkshire & North	a potential environmental matter of silt entering the Ouseburn.
East region, A1 Scotswood to	
North Brunton	The operative fell and hit his upper chest. Initially the injury was suspected bruising, it is now suspected fractured
19/10/2021 (reported initially	rib(s).
as a, No Lost Time Injury and	
subsequently upgraded to	
RIDDOR reportable)	
Fell, slipped, or tripped on	
same level	
Contractor: Costain	
Employer: Costain	
Operations - 4-7 day Lost Tim	ne Incident Airsweb ref: 146145

Yorkshire North East region, Area 12, West Cowick Maintenance Depot 20/10/2021 - Late report 05/11/2021 Airsweb ref: 146145 Whilst climbing onto a lorry with a hose in his hand as they were preparing to wash the top of the vehicle. Whilst climbing down the ladder, the tread of his boots caught in the step tread (the bottom section of the ladder moves and is not rigid) resulting in him falling to the floor (approximately 2-2.5 ft.). The operative hurt his back, side and his wrist and was absent from work for 4 days.

Fell from a height

Employer: Amey

Contractor: Costain Employer: Costain

Contractor: Amey Highways

Major Projects - 1-3 day Lost Time Incident

Regional Investment
Programme, North region, M60
Simister Island Interchange
(Off Network)

11/11/2021 Late report
19/11/21
Fell, slipped or tripped on the same level

An operative working on behalf of a ground investigation contractor was walking towards the work area when they stumbled down a small hole, believed to be a rabbit hole and jarred their back.

SIGNIFICANT INCIDENTS

Summary of Significant Supply Chain Incidents reported

Operations - 1-3 day Lost Tim	e Incident Airsweb ref: 146523
South East region, M25	The operative sustained a fractured finger, whilst removing a rope from a CCTV camera cable. Something during
Regional Technology Contract	the operation had hit his finger.
12/11/2021	
	Post incident the operative suffered numbness and tingling in the injured finger. They contacted 111 and were
Contractor: Telent	advised to attend their local A&E. An x-ray confirmed a fracture to the finger.
Employer: Telent	

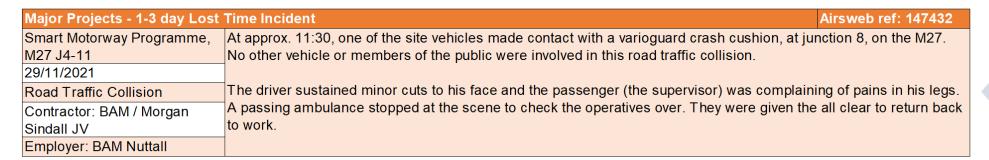
Major Projects - RIDDOR Dise	ease Airsweb ref: 146734
Smart Motorway Programme,	An operative had started to feel unwell w/c 8th November, and initially thought it may have been Covid-19 but tests
M56 J6-8	proved negative.
16/11/2021	
Health - Onset of illness to	They visited their GP and were diagnosed with Leptospirosis. It is unclear how this may have been contracted.
person	Reported as a notifiable occupational disease.
Contractor: Galliford Try	
Employer: Galliford Try	

e Incident	Airsweb ref: 146910				
ast Midlands, A6 NB A traffic management crew were collecting redundant Traffic Management. The operative lifter					
frame, and as they turned around to place it on the bed of the vehicle, they lost footing and tur	ned their left ankle.				
	A traffic management crew were collecting redundant Traffic Management. The operative lifte				

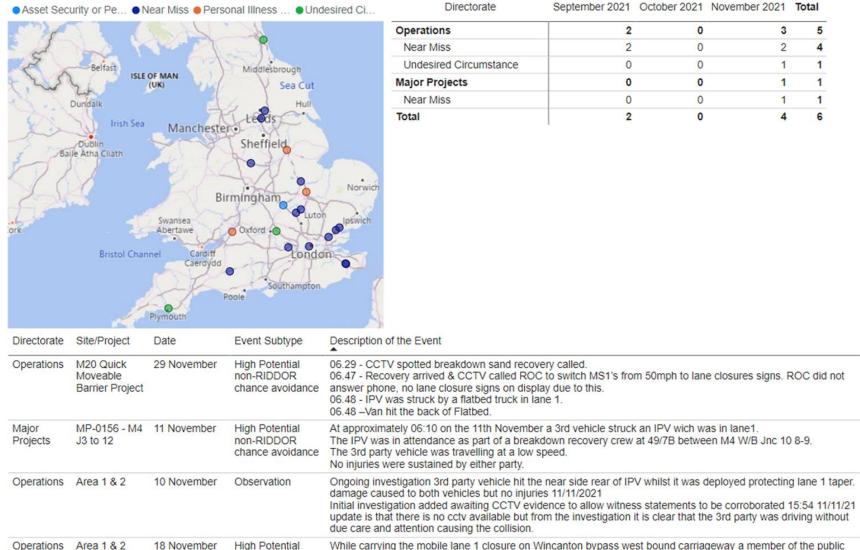
SIGNIFICANT INCIDENTS

Summary of Significant Supply Chain Incidents reported

Major projects - Non RIDDOR	lajor projects - Non RIDDOR Over 7 day Injury Airsweb ref: 147193							
M27 J4-11 (diversion route for	A bmJV foreman was travelling in a site vehicle when it was struck by a member of the public. The member of the							
M27 carriageway closure).	public drove off and no details of the vehicle or driver were retrieved. The vehicle was checked over and there was							
23/11/2021	damage to the rear of the vehicle. The foreman has been off work with whiplash type symptoms and advised to							
Road Traffic Collision	attend hospital.							
Contractor: BAM / Morgan								
Sindall JV								
Employer: BAM Nuttall								



Impact Protection Vehicle (IPV) Strikes



ran into the back of our crash cushion which was blocking lane 1

non-RIDDOR

chance avoidance



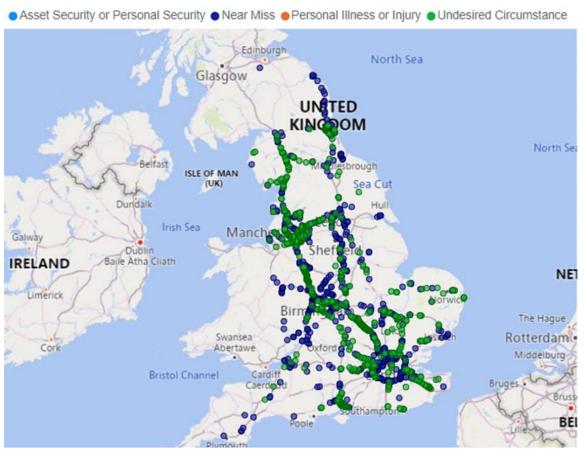
Infrastructure Incidents including Bridge Strikes



Directorate	September 2021	October 2021	November 2021	Total
Operations	0	2	0	2
Infrastructure Asset	0	2	0	2
TO/ROC	1	2	0	3
Infrastructure Asset	1	2	0	3
Total	1	4	0	5



Vehicle incursions into roadworks



Directorate	September 2021	October 2021	November 2021	Total	
Major Projects	325	183	149	657	
Near Miss	5	9	3	17	
Undesired Circumstance	320	174	146	640	
NH Office	2	1	4	7	
Near Miss	2	1	3	6	
Undesired Circumstance	0	0	1	1	
Operations	49	43	36	128	
Near Miss	35	28	27	90	
Undesired Circumstance	14	15	9	38	
TO/ROC	37	38	26	101	
Near Miss	27	23	15	65	
Undesired Circumstance	10	15	11	36	
Total	413	265	215	893	



Site Inspections undertaken in November 2021

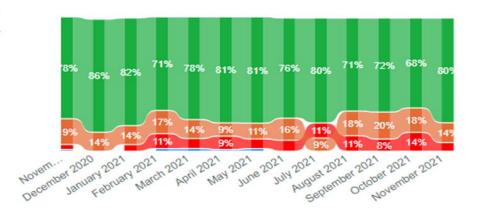
Directorate	In Month Inspections	Red	Amber	Green	Blue	Actions Raised
Operations	7	0	12	137	0	1
Major Projects	17	14	35	194	0	47
Total	24	14	47	331	0	47

Key to non-conformance RAG status:

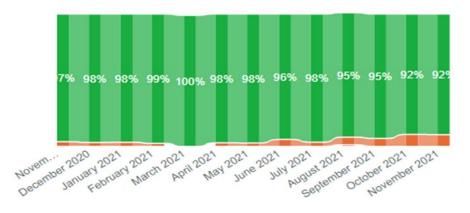
Red	Non-conformance with legislation or Raising the Bar (RtB) requirements
Amber	RtB requirements not adopted everywhere on site or in full, and negative observation
Green	Positive observation relating to management of top risks
*	Exceptional performance or new initiative not widely used on another site

Score	1		2		
Directorate	Identified	Actions	Identified	Actions	
Major Projects	14	12	35	25	
Documentation	1	1	1		
Housekeeping	4	4	10	7	
Lifting Operations	3	2	1		
Management Arrangements	2	1	8	6	
Management of Traffic, Mobile Plant and Vehicles	1	1	5	5	
Occupational Health			2		
Office / Welfare Facilities	1	1	3	2	
Work at Height and Associated Activities	1	1	2	2	
Workforce Communication	1	1	3	3	
Operations			12		
Housekeeping			7		
Management Arrangements			4		
Office / Welfare Facilities			1		
Total	14	12	47	25	

Major Projects Finding Percentages



Operations Finding Percentages



Van Driver Toolkit resources.

We launched a series of four <u>blind spot animations</u> focusing on staying safe around lorries which are aimed at learner, new and novice drivers. These were uploaded to National Highways' Twitter, Facebook, Instagram and LinkedIn social media accounts throughout October. In total across all platforms, the animations were viewed 36,026 times, liked by 772 people, shared 366 times and generated 161 comments. Comments were mainly positive with some professional drivers supporting the message by agreeing that there were too many drivers unaware of the issues raised.



Our <u>CALMDriver</u> and <u>Van Driver Toolkit</u> resources have seen a huge uptake since they were launched in November 2020 and July 2021. Since the launch we have distributed over 34,000 CALMDriver packs to over 450 companies. The Van Driver Toolkit has received sign ups from over 770 companies with a potential reach to over 485,000 drivers driving for work. <u>Association of Fencing Industries</u> are now printing the Van Driver Toolkit to send to their members as part of the membership pack. They are also including other checklists for drivers to use to highlight the value of safe driving. The toolkit would be kept in members' vans as well as having a digital copy. The <u>British Aggregates Association</u> are supporting CALM Driver. They will be making additional videos to cover those who drive other vehicles such as tippers and mixers and will also engage with CALM to further address stress, anxiety and mental ill health amongst drivers. We have also see some companies embed the Van Driver Toolkit in their website, one example of this is from Commercial Fleet which can be seen here. We will continue to promote and champion the CALMDriver and





- DfBB has received a high-profile Prince Michael's International Road Safety Award; the awards give public recognition to those which have developed initiatives which have made an outstanding contribution to international road safety. These awards are judged by an independent international road safety expert panel. HRH Prince Michael has written directly to Nick Harris: "For many years I have been impressed by the Driving for Better Business campaign...and am delighted that its key messages and approach have been adopted and developed by your team in National Highways to make it such a well-regarded and sustainable programme. As you know the importance of initiatives such as yours which ensure the safe use of vehicles by those who drive for work are of immense importance. The approach taken to promote the critical role of employers in delivering road safety by highlighting the many business benefits that stem from good management is truly innovative. Your programme is a fine example of what can be done by sharing good practice and through inspiring leadership. I am sure it can be replicated elsewhere." Other areas of DfBB engagement this month have included:
 - National Tyre Distributors Association have put forward a proposal for the DfBB member bulletin promoting Work Related Road Risk, with links to Tyresafe.
 - <u>Esitu Solutions and Praiso</u> (online driver behaviour/road safety training providers) are partnering with DfBB to develop targeted road safety messages to link to digitised driver training solutions.
 - System Edstrom are a Swedish design racking and storage systems company looking to promote DfBB in every vehicle they fit out.
 - <u>British Association of Landscape Industries</u> are sharing the Van Driver Toolkit within their membership pack and promoting it within their Naional Contractor forum.

Our Regional Safety Coordinators continue to deliver a range of activities, including presenting the North West Regional Road User Safety Plan to the Regional Away Day. Bids have been received from the regional partners as part of the revenue allocation for road safety delivery in the North West. All of the bids are aligned to the regional priorities for casualty reduction and include driver training for older and new drivers in Cumbria and Lancashire. Manchester's Safe Driving for Longer initiative includes input from Traffic Officers and additional support for Cheshire's Share the Road Campaign. (https://www.youtube.com/watch?v=QV-1Ta-FUg0) We supported Police across the East at the launch of Operation Orbital which is an Op Tramline event covering the entire M25. Seven Police forces will participate with access to two unmarked HGV supercabs and record drivers of all types of vehicles committing mobile phone, seatbelt, and other safety offences. DVSA will also carry out checks on vans and lorries for road worthiness, secure loads, weight, and drivers' hours to reduce the risk of incidents along the route. A winter vehicle check was carried out in the East for staff at Woodlands where numerous vehicles were checked in preparation for the colder weather.







Health Safety & Wellbeing team

• Safety Alerts: There have been 2 Safety Alerts issued in the month of November:

NHa277 - National Highways for Information Safety Alert - PPE.

NHa278 - National Highways for Information Safety Alert - Faulty Signs Signals and CCTV Reporting.

• For October we've had one supply chain winner; **BAM Nuttall**. Their target was to have 3 "perfect months" based on their hours. Their rolling 12 months hours total for October is 2,020,029 putting them in the second hours band, which has a target of 3 months without reporting a higher level events;

	Nov- 20	Dec- 20	Jan- 21	Feb- 21	Mar- 21	Apr- 21	May- 21	Jun- 21	Jul- 21	Aug- 21	Sep- 21	Oct- 21	Consecutive Perfect Months	Supplier Hours Category	Target PMs	Award ?
BAM Nuttall	1	1	1		4	2	3	1					4	2) 2-5m	3	Yes

