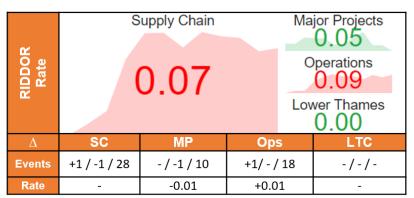


February 2022 Summary Health Safety & Wellbeing Performance Report

Board Sponsor: Alan Cumming Executive Sponsor: Mike Wilson

Author: Stewart Evans

Executive Summary



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

me Rate	St	upply Chain	Ma	or Projects 0.13
Lost Time Incident Raf		0.17	0	perations 0.20
Le Inci			Lov	ver Thames 0.21
Δ	SC	MP	Ops	LTC
Events	+1 / -4 / 67	- / -4 / 24	+1 / - / 42	-/-/1
Rate	-0.01	-0.02	-	-0.02

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

ike	Supply Chain	Major Projects 0.32
lity Stri Rate	0.29	Operations 0.26
Uŧi		Lower Thames 0.21

All data included within this report is up to date as of **3 March 2022**. 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		
466,690 12 Month Total	8.20% 12 Month Change	59,015 Current Month	8.93% 1 Month Change
Major Projects 18,430,160	-1.42%	1,288,504	-1.40%
12 Month Total	12 Month Change	Current Month	1 Month Change
Operations			
20,584,535 12 Month Total	-0.45% 12 Month Change	1,561,335 Current Month	-0.45% 1 Month Change



RIDDOR & Lost Time Incident frequency rates

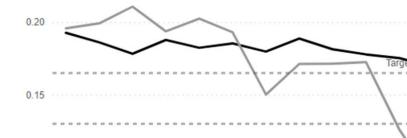
RIDDORs								
Directorate	In Month	Rate	3 Months	Rate	12 Months	Rate		
Lower Thames Crossing	0	0.00			0	0.00		
Major Projects	0	0.00	0	0.00	10	0.05		
Operations	1	0.06	4	0.09	18	0.09		
Supply Chain	1	0.03	4	0.05	28	0.07		

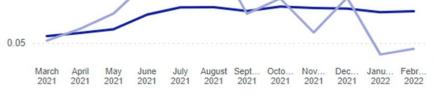
Lost Time Incidents										
Directorate	In Month	Rate	3 Months	Rate	12 Months	Rate				
Lower Thames Crossing					1	0.21 🔉				
Major Projects	0	0.00	2	0.05	24	0.13 🧇				
Operations	1	0.06	6	0.13	42	0.20 ×				
Supply Chain	1	0.03	8	0.09	67	0.17 🕛				

Red 🔇)	Amber	Green 🗸				
> 0.19		0.166-0.18	< 0.165				
DA 0							

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

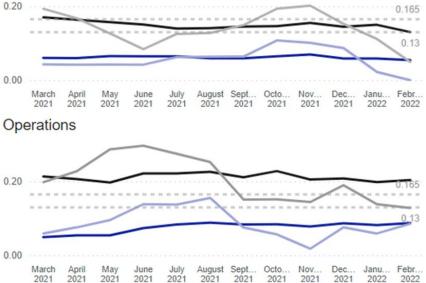
Supply Chain 12m RIDDOR — 3m RIDDOR — 12m LTI — 3m LTI





Major Projects

0.13





Performance by Supplier

Supplier Name	Total Hours	Lost Time Incidents	Lost Time AFR	RIDDORs	RIDDOR AFR	Utility Strikes	Utility Strike
Costain	5,753,771	8	0.14	3	0.05	18	0.31
Kier	5,371,104	3	0.06	2	0.04	9	0.17
Balfour Beatty	5,195,132	7	0.13	4	0.08	11	0.21
Connect Plus	2,355,541	5	0.21	3	0.13	2	0.08
Amey	2,007,971	5	0.25	1	0.05	4	0.20
BAM Nuttall	1,881,689	2	0.11	0	0.00	5	0.27
Aone+	1,370,487	2	0.15	0	0.00	0	0.00
Ringway Ltd	1,198,933	5	0.42	2	0.17	9	0.75
Chevron	1,174,475	4	0.34	1	0.09	1	0.09
Galliford Try	887,776	2	0.23	1	0.11	7	0.79
Telent	782,121	1	0.13	0	0.00	0	0.00
Carnell Support Services Ltd	710,699	2	0.28	1	0.14	2	0.28
HW Martin Ltd	681,581	2	0.29	1	0.15	5	0.73
Skanska	678,450	1	0.15	0	0.00	1	0.15
Graham Construction	477,658	0	0.00	0	0.00	3	0.63
Sir Robert McAlpine	444,107	1	0.23	0	0.00	1	0.23
Volker Fitzpatrick	421,145	0	0.00	0	0.00	5	1.19
John Sisk	378,859	0	0.00	0	0.00	2	0.53
Colas	319,979	2	0.63	1	0.31	1	0.31
Egis	317,744	3	0.94	2	0.63	0	0.00
Forest Support Services	288,032	1	0.35	0	0.00	0	0.00
Autolink Concessionaires (A19) Ltd	230,224	1	0.43	0	0.00	0	0.00
CHC Highways	222,863	2	0.90	1	0.45	1	0.45
Osborne	206,569	1	0.48	0	0.00	4	1.94
M J Church	201,243	0	0.00	0	0.00	3	1.49
Aggregate Industries	191,291	0	0.00	0	0.00	1	0.52
Taylor Woodrow	143,251	1	0.70	0	0.00	1	0.70
Road Management Services	127,114	1	0.79	1	0.79	0	0.00
AE Yates	115,695	0	0.00	0	0.00	1	0.86
Eurovia UK	101,408	0	0.00	0	0.00	1	0.99
Interserve	100,659	0	0.00	0	0.00	1	0.99
Arcadis	88,026	1	1.14	1	1.14	1	1.14
ATM (Ainsty Timber Marketing Ltd)	82,621	1	1.21	1	1.21	0	0.00
J McCann	70,800	0	0.00	0	0.00	6	8.47
Volker Laser Ltd	61,625	1	1.62	1	1.62	0	0.00
FM Conway	53,393	0	0.00	0	0.00	1	1.87
Dyer and Butler	50,845	0	0.00	0	0.00	1	1.97
Farrans	42,812	0	0.00	0	0.00	2	4.67
R W Civil Engineering	38,143	1	2.62	1	2.62	1	2.62
VSL	27,504	1	3.64	0	0.00	0	0.00
Mway Comms	23,511	0	0.00	0	0.00	1	4.25
Huyton Asphalt	14,616	0	0.00	0	0.00	1	6.84
Total	39,481,385	67	0.17	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			Maj	or Projects			
Function	Hours	Lost Time Incidents	Lost Time AFR	RIDDORs	RIDDOR AFR	Utility Strikes	Utility Strike FR
CIP	1,027,561	0	0.00	0	0.00	1	0.10
RIP	8,407,564	15	0.18	5	0.06	36	0.43
SMP	8,995,035	9	0.10	5	0.06	22	0.24
Total	18,430,160	24	0.13	10	0.05	59	0.32

Directorate		Major Projects						
Function	Hours	Lost Time Incidents	Lost Time AFR	RIDDORs	RIDDOR AFR	Utility Strikes	Utility Strike FR	
CIP	1,027,561	0	0.00	0	0.00	1	0.10	
RIP	8,407,564	15	0.18	5	0.06	36	0.43	
RIP North	4,996,178	7	0.14	3	0.06	21	0.42	
Midlands	1,361,642	2	0.15	0	0.00	8	0.59	
North West	1,425,426	2	0.14	1	0.07	3	0.21	
Yorkshire and North East	2,209,110	3	0.14	2	0.09	10	0.45	
RIP South	3,411,386	8	0.23	2	0.06	15	0.44	
East	779,885	2	0.26	0	0.00	2	0.26	
South East	1,494,901	2	0.13	1	0.07	8	0.54	
South West	1,136,600	4	0.35	1	0.09	5	0.44	
SMP	8,995,035	9	0.10	5	0.06	22	0.24	
Total	18,430,160	24	0.13	10	0.05	59	0.32	

0.19-0.47

< 0.18

> 0.48



Performance by Supplier across Operations

Directorate							
Regions	Total Hours	Lost Time Incidents	Lost Time AFR	RIDDORs	RIDDOR AFR	Utility Strikes	Utility Strike FR
South East	4,170,475	6	0.14	3	0.07	10	0.24
Midlands	3,919,403	9	0.23	3	0.08	7	0.18
East	3,537,291	7	0.20	5	0.14	6	0.17
Yorkshire and North East	2,945,957	7	0.24	1	0.03	3	0.10
North West	2,693,664	5	0.19	3	0.11	12	0.45
South West	2,158,126	8	0.37	3	0.14	15	0.70
National	1,159,619	0	0.00	0	0.00	0	0.00
Total	20,584,535	42	0.20	18	0.09	53	0.26

Directorate		Operations						
Regions	Total Hours	Lost Time Incidents	Lost Time AFR	RIDDORs	RIDDOR AFR	Utility Strikes	Utility Strike FR	
South East	4,170,475	6	0.14	3	0.07	10	0.24	
DBFO - M25 (Area 5)	2,355,541	5	0.21	3	0.13	2	0.08	
Area 3	832,279	0	0.00	0	0.00	6	0.72	
Area 4	790,215	0	0.00	0	0.00	2	0.25	
M20 Quick Moveable Barrier Project	168,262	0	0.00	0	0.00	0	0.00	
RTMC: M25 Regional Technology Contract	24,178	1	4.14	0	0.00	0	0.00	
Midlands	3,919,403	9	0.23	3	0.08	7	0.18	
Area 9	2,505,353	1	0.04	0	0.00	3	0.12	
Area 7	1,343,111	7	0.52	2	0.15	4	0.30	
DBFO - A50 / A564 Stoke to Derby	55,890							
Oldbury	15,049	1	6.64	1	6.64	0	0.00	
East	3,537,291	7	0.20	5	0.14	6	0.17	
Area 6 & 8	3,167,577	2	0.06	1	0.03	6	0.19	
DBFO - M40 J1-15 Denham to Warwick (area 30)	317,744	3	0.94	2	0.63	0	0.00	
DBFO - A1(M) Alconbury to Peterborough	45,955	2	4.35	2	4.35	0	0.00	
RTMC: East Regional Technology Contract	6,015	0	0.00	0	0.00	0	0.00	

0.19-0.47

< 0.18

> 0.48



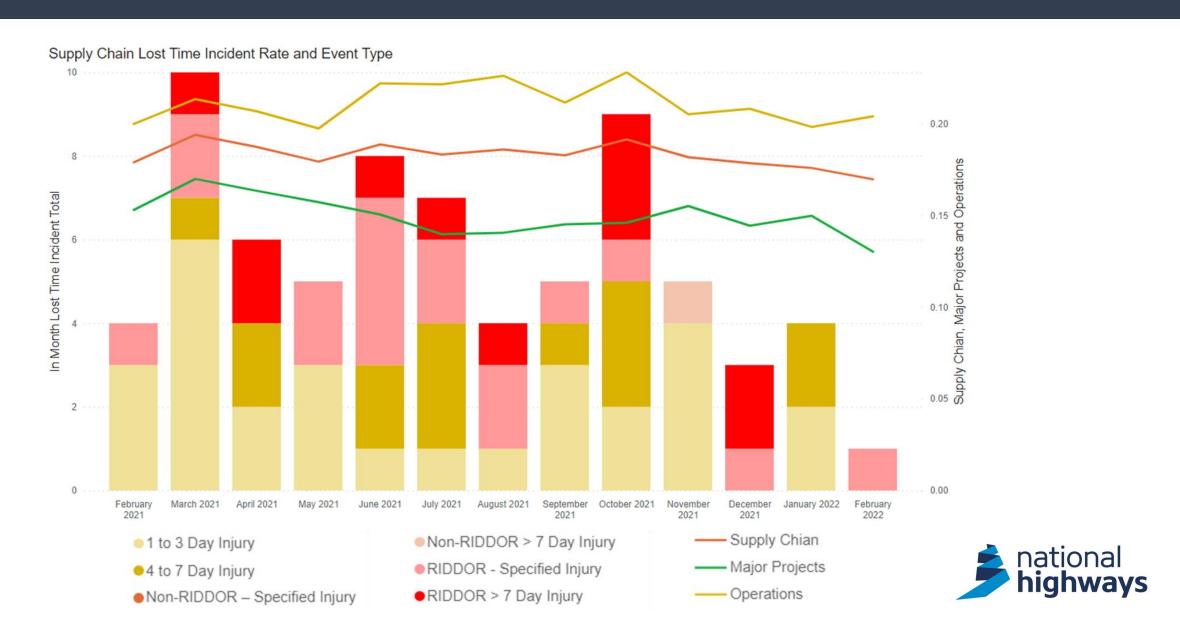
Performance by Supplier across Operations (continued)

Directorate		Operations						
Regions	Total Hours	Lost Time Incidents	Lost Time AFR	RIDDORs	RIDDOR AFR	Utility Strikes	Utility Strike FR	
Yorkshire and North East	2,945,957	7	0.24	1	0.03	3	0.10	
Area 12	1,633,375	3	0.18	0	0.00	0	0.00	
Area 14	749,744	2	0.27	1	0.13	3	0.40	
DBFO - A168 / A19 Dishforth to Tyne Tunnel	380,159	2	0.53	0	0.00	0	0.00	
DBFO - A1 Darrington to Dishforth	82,193	0	0.00	0	0.00	0	0.00	
DBFO - M1 - A1 Link Road	51,389	0	0.00	0	0.00	0	0.00	
DBFO - A69 Carlisle to Newcastle	34,607	0	0.00	0	0.00	0	0.00	
North East Tech Mac Contract	14,310							
Newport (Hull) Maintenance Compound Construction	180							
North West	2,693,664	5	0.19	3	0.11	12	0.45	
Area 10	1,675,802	2	0.12	1	0.06	7	0.42	
Area 13	1,017,862	3	0.29	2	0.20	5	0.49	
South West	2,158,126	8	0.37	3	0.14	15	0.70	
Area 1 & 2	1,884,756	8	0.42	3	0.16	15	0.80	
Severn Bridge	109,940							
DBFO - A419 / A417 Swindon to Gloucester	83,116	0	0.00	0	0.00	0	0.00	
DBFO - A30 / A35 Exeter to Bere Regis	53,964	0	0.00	0	0.00	0	0.00	
RTMC: South West Regional Technology Contract	26,350	0	0.00	0	0.00	0	0.00	
National	1,159,619	0	0.00	0	0.00	0	0.00	
NRTS - National Roads Telecommunications Services	730,161	0	0.00	0	0.00	0	0.00	
Highways England TFM	277,200							
NGVR National - Next Generation Vehicle Recovery	67,337							
Redflex Speed Cameras	64,409							
National Expert Control Room Tech Support -NECoRTS	20,512							





Lost Time Incidents recorded by Supplier

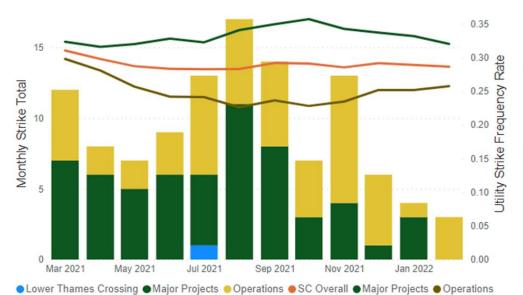


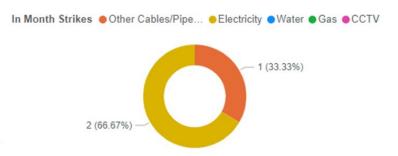
Utility Strikes recorded by Supplier

Directorate	Infrastructure Asset	Near Miss	Undesired Circumstance	Total
Lower Thames Crossing	1		0	1
Major Projects	59	0	3	62
Operations	53	4	2	59
Supply Chain	113	4	5	122

Directorate	12m Rate	Other Cables/Pipelines	Electricity	Water	Gas	CCTV	Total
Lower Thames Crossing	0.21	0	0	1	0	0	1
Major Projects	0.32	23	22	8	0	5	59
Operations	0.26	18	27	5	2	1	53
Supply Chain	0.29	41	49	14	2	6	113

Utility Strikes Reported per Month and Frequency Rates









SIGNIFICANT INCIDENTS

Summary of Significant Supply Chain Incidents reported

Operations - RIDDOR Specifi	ed Injury Airsweb ref: 125238
Operations - East, DBFO - M40 J1-15 Denham to Warwick.	A vehicle restraint system operative when exiting his vehicle to undertake repairs, stood on debris and fell to the ground, landing on his wrist. This resulted in a fractured wrist.
17/02/2022	
Fell, slipped, or tripped on	
same level	
Contractor: Egis	
Employer: Egis	

RIDDOR

The following incident has been reported as a Non-RIDDOR fatality. As a result, this incident does not feed into RIDDOR Accident Frequency rates or Lost Time Incident Frequency rates, but has been included within the Performance report due to the severity of the event.

Major Projects - Non-RIDDOR	Fatality Airsweb ref: 125873
-	A Traffic Safety Control Officer (TSCO) has been fatally injured when the vehicle he was in was struck by a third party vehicle which had entered the N/B Lane 1 closure. Staffordshire Police have confirmed that they were
, ,	attempting to stop the vehicle involved in the collision with the TSCO vehicle.
26/02/2022	
Hit by a moving vehicle or plant	
Contractor: Kier Highways	
Employer: Chevron Traffic	
Management Ltd / Golden Orb	
Solutions Ltd	

Site Inspections

Directorate	In Month Inspections	Green	Amber	Red	Observation	Actions
Major Projects	43	229	32	10	59	131
Operations	31	319	41	8	8	11
Total	74	548	73	18	67	142

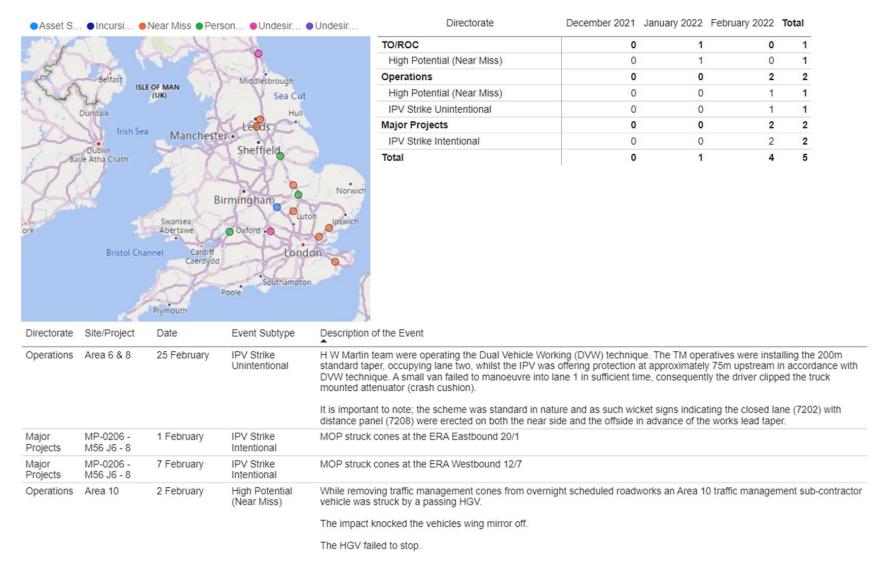
Key to non-conformance RAG status:

,	To the final for the country
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

Directorate	Red	Amber	Grand Total
Major Projects	10	32	42
Documentation		2	2
Electrical Safety		2	2
Housekeeping	2	4	6
Management Arrangements		2	2
Management of Traffic, Mobile Plant and Vehicles	3	14	17
Occupational Health		1	1
Office and Welfare Facilities		5	5
Work at Height and Associated Activities	4	1	5
Workforce Communication	1	1	2
Operations	8	41	49
Documentation		2	2
Housekeeping	1	13	14
Management Arrangements	1	4	5
Management of Traffic, Mobile Plant and Vehicles		6	6
Occupational Health		1	1
Office and Welfare Facilities	5	8	13
Workforce Communication	1	7	8
Grand Total	18	73	91

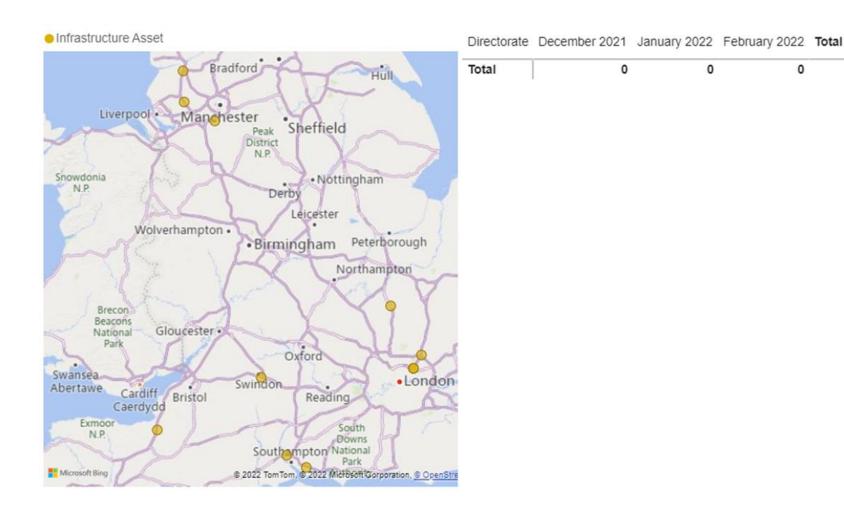


Impact Protection Vehicle (IPV) Strikes





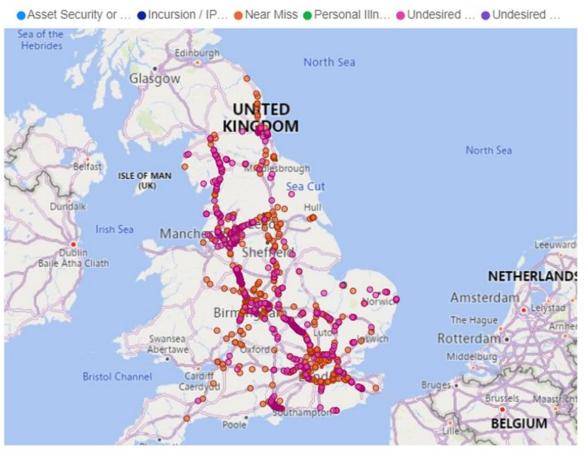
Infrastructure Incidents including Bridge Strikes





0

Vehicle incursions into roadworks



Directorate	December 2021	January 2022	February 2022	Total
Major Projects	104	112	93	309
Incursion / IPV Strike	0	19	92	111
Undesired Circumstance / Near Miss	104	93	1	198
NH Office	1	0	0	1
Undesired Circumstance / Near Miss	1	0	0	1
Operations	40	28	24	92
Incursion / IPV Strike	0	18	24	42
Undesired Circumstance / Near Miss	40	10	0	50
TO/ROC	24	19	7	50
Incursion / IPV Strike	0	1	6	7
Personal Illness or Injury	1	0	0	1
Undesired Circumstance / Near Miss	23	18	1	42
Total	169	159	124	452



Tailgating marketing messaging

Safe people - Future Compliance Technologies - tailgating

The findings from the tailgating detection trials have been used to inform the next wave of the tailgating marketing campaign running from 28 Feb – 27 March 2022. The knowledge and input gained from the tailgating detection trials, such as the frequency of the behaviour and demographical insight (age and gender) have been used to better inform and contribute to the marketing messaging and associated press activity. To date, the core tailgating messaging has been to 'keep a 2 second gap'. Our input advised when traveling at 70mph the appropriate gap is 3.1seconds. Our trial has demonstrated over 60,000 instances of road users keeping less than a 2 second gap and therefore consideration and advice given has resulted in an amendment to the messaging to 'keep *at least* a 2 second gap' - advising road users of the *minimum* distance they should aim to keep between them and the vehicle in front. This demonstrates how the outputs of our work have been used to better inform safety messaging within communications campaigns to better target and educate road users. The educational material produced as part of the Future Compliance technologies project, advising of the appropriate stopping distances can be found here.



• UK Road Offender Education (UKROEd's) - New National Motorway Awareness Course

Safe road users - Red X

UKROEd's new National Motorway Awareness course goes live on the 28th February. The work supports the TSC (Transport Select Committee) report to step up the advice to drivers, so they have the information they need about how smart motorways work and how to use them safely. This specifically supports the ongoing work to improve Red X compliance as part of stocktake action 14 which includes the upgrading of the cameras to enable Red X enforcement. The current course has been running for nearly 5 years with approximately 100,000 drivers attending each year. The course was reviewed in 2021 with input from the Road User Safety Group and several other areas of the business, such as one of the RCC's which features in the short film to demonstrate how we manage our motorways and rationale behind setting various signs and signals. The new, updated version of the course has been tested and was ready to launch early February. The course covers Red X, variable speed limits, phantom traffic jams and more. More information on the NMAC/i NMAC (the National motorway awareness course) can be found here. Our own website contains useful information to help you use smart motorways safely.





Partnership Compliance Event

Safe Road Users - Mobile phone use and distracted driving

National Highways South East regional staff, Hampshire Constabulary, Thames Valley Police, and Stagecoach Buses joined together in partnership to deliver a three-day safety event in Area 3 aimed at targeting distracted drivers on the strategic road network, in line with the NPCC calendar priority for February. Operation Bus was delivered in the same way as our national Operation Tramline but using a bus rather than a truck cab as the spotter vehicle. The first day saw activity focussed on the A34 near Oxford, with 15 offenders stopped. Day two covered the rest of the A34 and some of the A31, and the final day covered the southern section of the A34, much of the A31, part of the A303, and sections of the M3, M27, and M271 as well, bringing the total number of drivers stopped to around 50. High risk behaviours observed included van and car drivers texting and scrolling on phones while driving, making calls, a van driver holding a phone in one hand and a coffee cup in the other while joining the M27 from the M3 steering with the back of one wrist, a lorry driver eating a pot of baked beans at the wheel, and several flatbed vans with insecure loads. The A34 and A31 have seen a number of serious collisions known or thought to be a result of distracted driving, so this sort of partnership work to improve compliance and spread awareness of the laws relating to phone and handheld device use at the wheel are a particularly welcome addition to existing initiatives such as Tramline and Orbital. The first day of activity was widely covered in the local press, with ITV Meridian putting the following report out at the close of the days of activity.



Driving for Better Business

Safe vehicles, safe road users - Advance Driver Assistance Systems

DfBB continues to engage with organisations becoming partners and those who can play a key influencing role. Some key engagements in February included the Institute of Highways Engineers, Teletrac Navman and System Edstrom. DfBB launches a new safety campaign each month under the banners of Safety, Efficiency, and Sustainability and in February the topic was **Advance Driver Assistance Systems.** We have developed with Thatcham Research, HGV Advanced Emergency Braking System (AEBS) Resources including videos and awareness factsheets for Transport Managers. Independent road safety campaigner Meera Naran backed the campaign, saying "The impact of a HGV versus any other vehicle or vulnerable road user can be catastrophic if not fatal. No one wakes up in the morning intending to harm another person and we all have a responsibility of keeping not only ourselves but others safe on our roads. Emergency braking systems have been shown to reduce the risk of fatal collisions and I will continue to campaign for legislation to be passed to implement this life saving technology on all vehicles in my son Dev's memory, with the proposal of calling it Dev's Law."

Roads Minister Baroness Vere said 'I'm grateful to Driving for Better Business for producing this informative guidance. I would urge all HGV drivers and operators to learn more about and use this innovative technology, which could potentially be life-saving on the road'





Operation Tramline

have recently started a new Casualty Reduction & Commercial Vehicle Unit.

Safe Vehicles and Safe People - Commercial Vehicle Incident Prevention Safer Vehicles

Between 14th – 22nd January 2022, Tri-Force Bedfordshire, Cambridgeshire and Hertfordshire (BCH) Police had use of the South Operation Tramline HGV tractor unit which stopped 61 vehicles, capture 70 offences and issue 66 interventions. During the operation the driver of a 50 ton 'exceptional convoy' was spotted texting on his mobile phone for which he was fined at the roadside. In another incident a driver was arrested for a 'threats to kill warrant' on behalf of Northants Police. The BCH Twitter feed (see below) was very active during the Tramline week, with uploads of captured offences attracting 210 'likes' and 90 'comments' on the Twitter community. BCH estimated that the response from the public on Twitter was 99% positive. BCH Police welcomed use of the HGV tractor unit and are booking more Tramline time as they





Health Safety & Wellbeing team

• Safety Alerts: There has been 4 Safety Alerts issued in the month of February:

NHa283 - National Highways For Information Safety Alert - Network Defects

NHa284 - National Highways For Information Safety Alert - PIMS - TS (Post COVID19 condition)

NHa285 - National Highways For Information Safety Alert - Pavement Coring using CAT and GENNY

NHa286 - National Highways For Information Safety Alert - Anchor shackles failure

