

# **Capital Schemes 2020/21**

## **A14 J58, Levington to J62, Felixstowe**

### **Eastbound and Westbound Resurfacing**

Adam Sharpe, Michael Freeman, Paul Bowman  
Highways England – Scheme Delivery

# Housekeeping

- Please mute your microphone during the presentation.
- If you would like to ask a question please use the Chat function within Teams and these will be addressed in turn at the end of the presentation.

## Introductions

- Adam Sharpe, Project Manager
- Michael Freeman, Programme Delivery Manager
- Paul Bowman, Construction Manager

# Agenda

- Purpose of todays meeting
- Challenges for the next RIS period
- Contraflow working
- What work are we planning to undertake 2020/21
- Why we need to undertake the work
- Where and when will the work take place
- Diversion route options
- Communications
- Close out and discussion

# Purpose of today's meeting

The purpose of today's meeting is to:

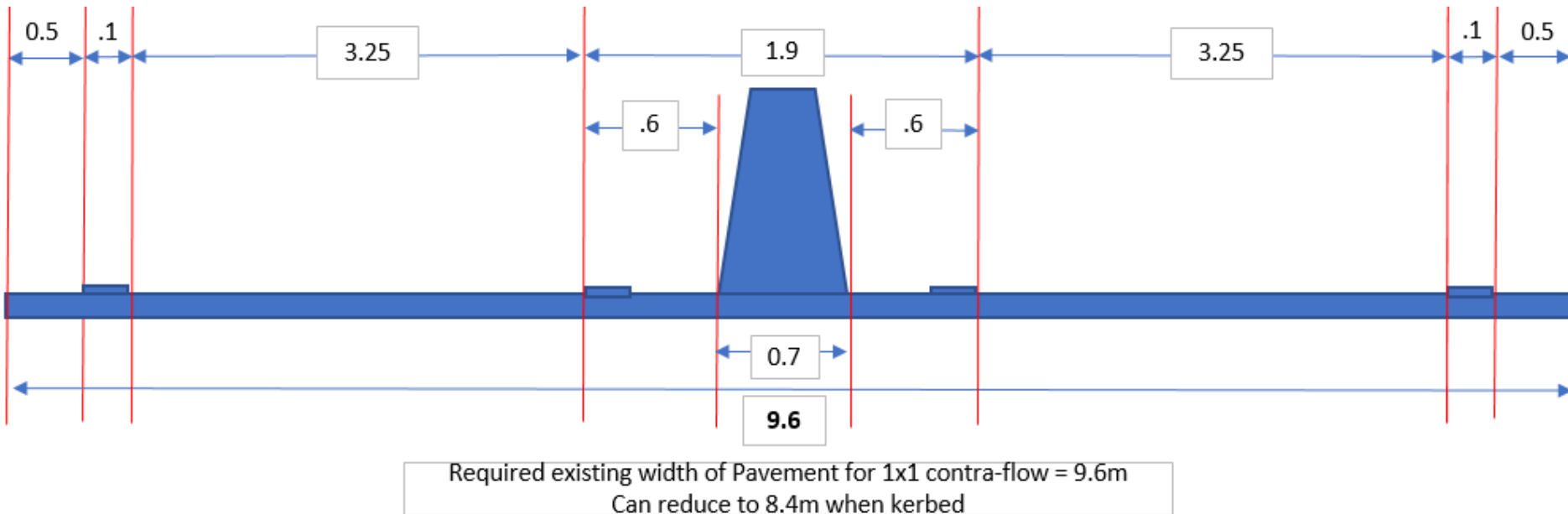
- inform you about the works and how we propose to deliver them.
- understand your concerns and mitigate them where practicable.
- engage with affected stakeholders and encourage feedback.
- open lines of communication during pre-works mobilisation and throughout delivery on site.

# Challenges for the next RIS Period

- 2020/21 is the first year of the next 5-year Road Investment Strategy period, known as RIS2.
- RIS2 was outlined in the government's Financial Statement (the Budget) on 11 March.
- There's a 27.4bn budget for building new road capacity, and importantly also maintaining and improving the existing Strategic Road Network.
- We plan to deliver deeper and longer sections of carriageway repair to help limit future repairs (e.g. delivering schemes with 20+ years design life, compared to 5-10 years).

# Required widths for contraflow working

- We would need to run a single lane in each direction on the opposite carriageway.
- The below diagram details the minimum requirement for widths to operate a contraflow of this type.
- The majority of the A14 from Levington to J62 is kerbed on both sides. This allows us to reduce the required widths as we do not need to allow for errant vehicles drifting onto soft ground / filter drains.
- This provides an actual required width for contraflow of 8.4m.

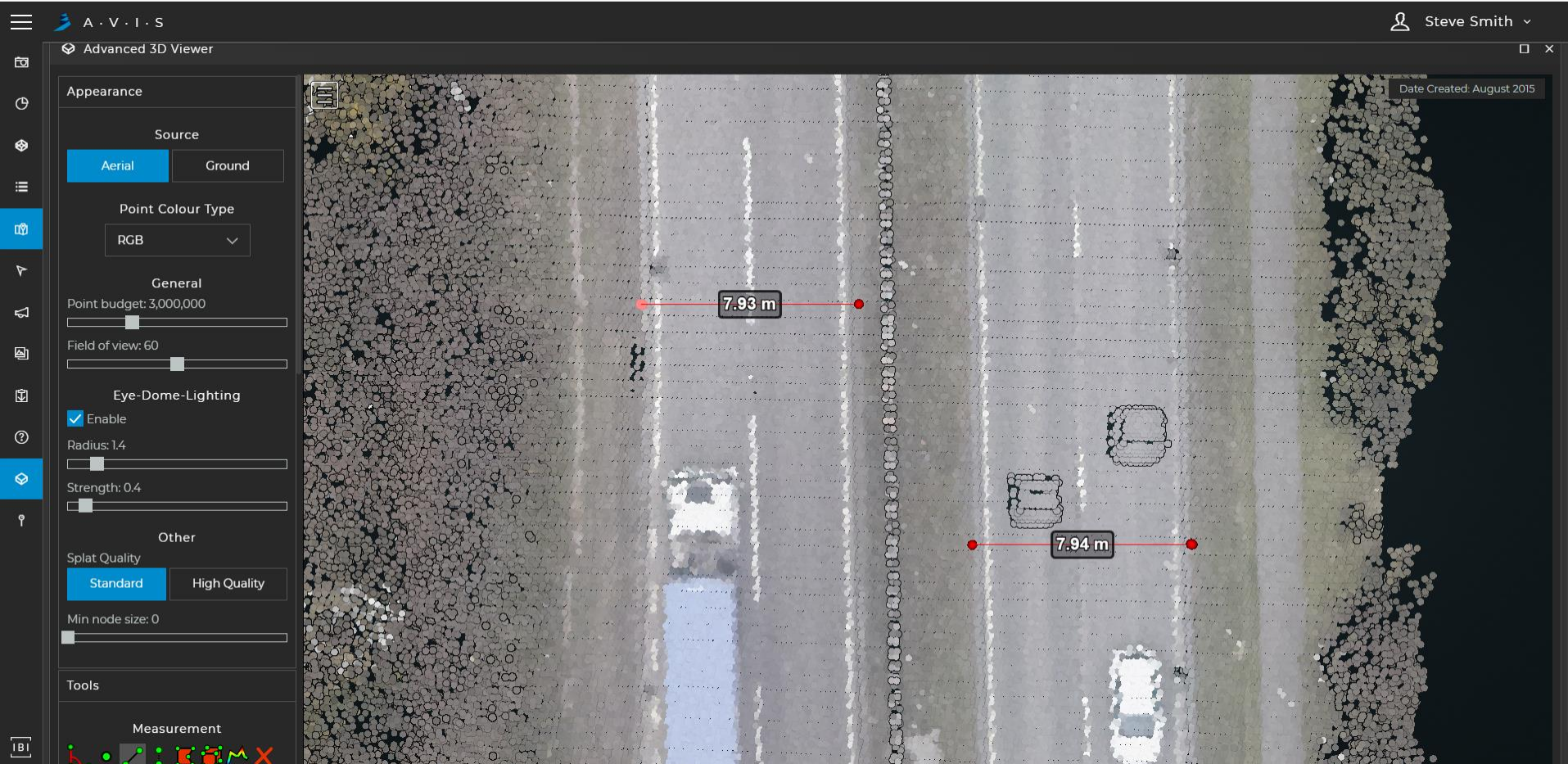


# Required widths for contraflow working





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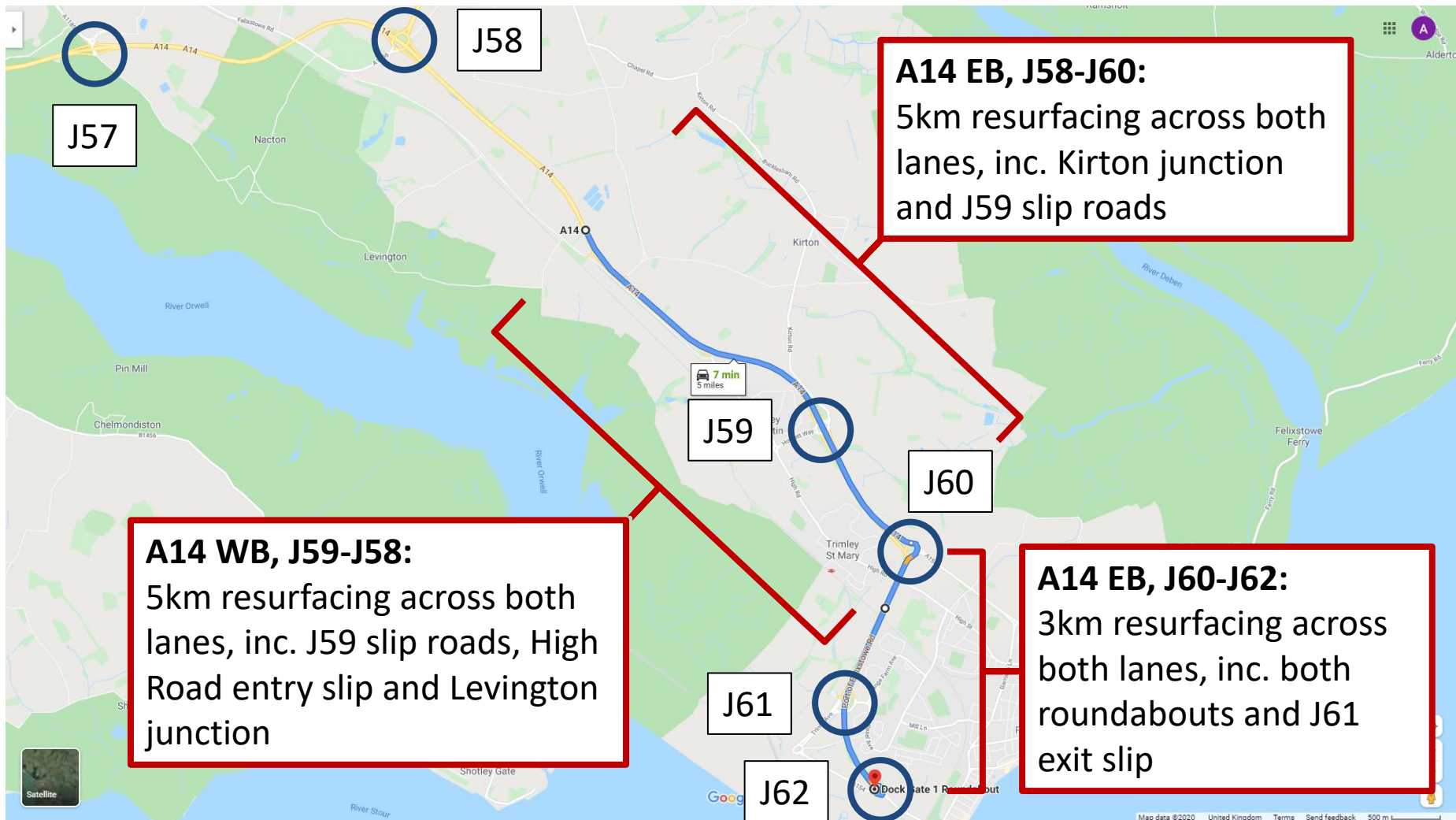




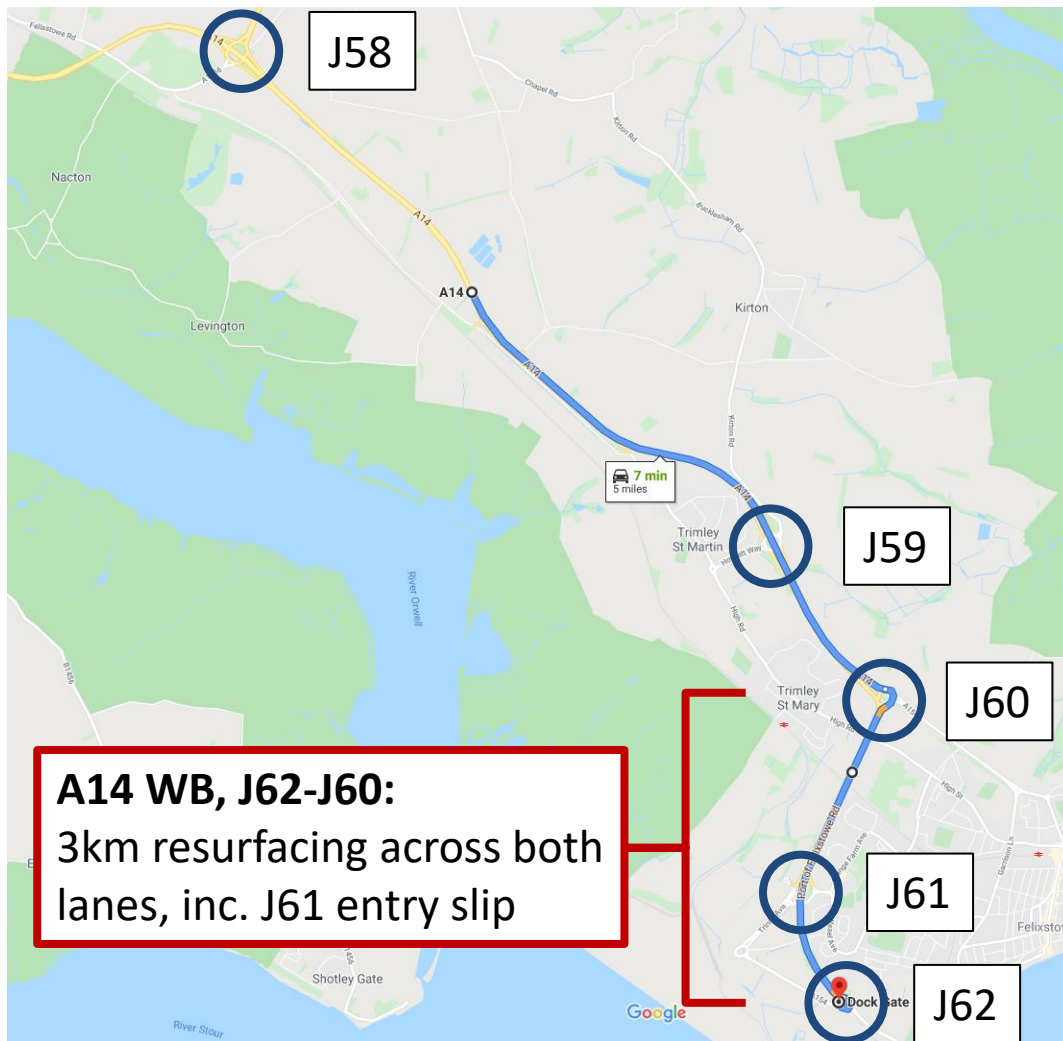
# What work are we planning to undertake 2020/21

- We are planning to undertake approx. 32 lane km of resurfacing including associated slip roads, two roundabouts and two junctions on Suffolk's network by Levington and Kirton.
- The following ancillary works will be delivered at the same time:
  - Reinstall and renew road markings and studs
  - Renew and upgrade vehicle safety barrier
  - Replace road signs and posts
  - Repair damaged surface water drainage gullies
  - Reinstall road technology assets
  - Repair a concrete retaining wall
  - Undertake routine maintenance works

# What work are we planning to undertake 2020/21



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- J62-J60 WB originally programmed for RIS2 Year 2 (2021/22) due to the needs of the East region network.
- Owing to cost savings identified within our capital works programme we're planning to deliver the work this year.
- This extends our overall programme but removes to need to come back for a second successive year.

# What work are we planning to undertake 2020/21

- The westbound carriageway between J60 and J59 does not require deep intervention at this time as it was previously resurfaced in September 2013.
- However, we are planning to replace the surface course during 2020/21 to:
  - align the planned intervention periods going forward, and
  - eliminate the need to divert strategic traffic through The Trimleys after this programme of works has been completed as it falls within the planned road closures for the WB works through J59.

# Why we need to undertake the work

- Although we have addressed surface defects (40-50mm treatments) in recent years to ensure safety for road users, the underlying issue lies deeper down at the 100mm+ binder and base layers which are now life-expired.
- The increased RIS 2 budget allows us to shift from minimum surface patching to deeper and longer sectional treatments.
- Use of newer, high specification materials in the lower layers and better quality surfacing allows us to increase lifespans from 10 years up to 20-30 years.

# Where and when will the work take place

- The work will be delivered in phases and is programmed to commence on 10 August 2020 for 24 weeks.
- Work will be undertaken during weeknight closures (Mon-Fri) and our proposed working hours are detailed on the following slide. No weekend working is anticipated.
- 24hr speed restrictions will be in place along the A14, this will allow us to run traffic on a temporary road surface in-between our overnight shifts so we can achieve greater outputs on site and decrease the overall construction programme.
- Various weight restrictions will be temporarily suspended along the local diversion routes during our overnight works and will be reinstated when the A14 is reopened every morning.

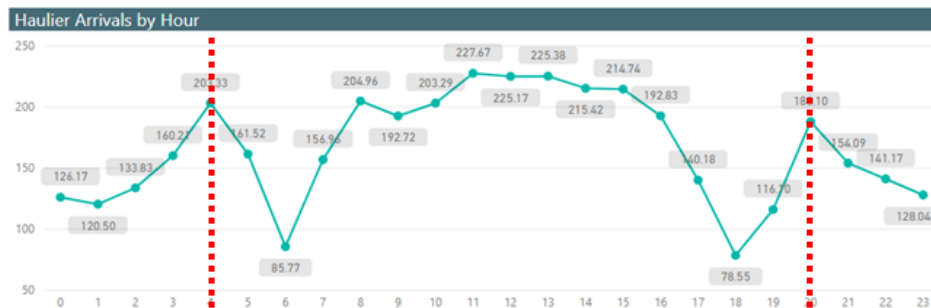
# Where and when will the work take place

- The following graphs were kindly provided by The Port of Felixstowe and detail haulage vehicle arrivals and departures for the past four months.
- Peaks in overnight traffic flow occur at 20:00hrs and 04:00hrs therefore our proposed road closure times will be 21:00hrs to 04:00hrs to reduce the amount of HGVs on the diversion routes.

04:00hrs

Apr-20

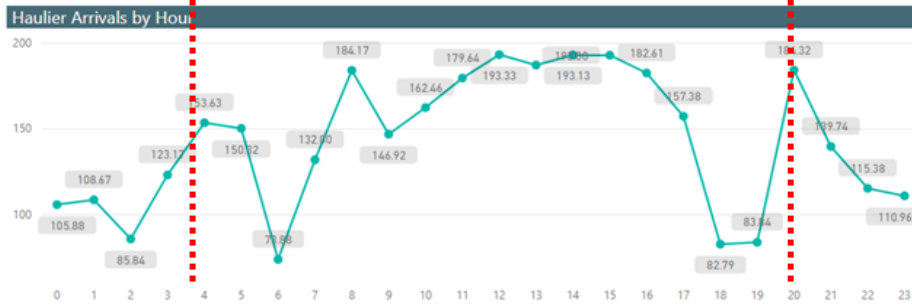
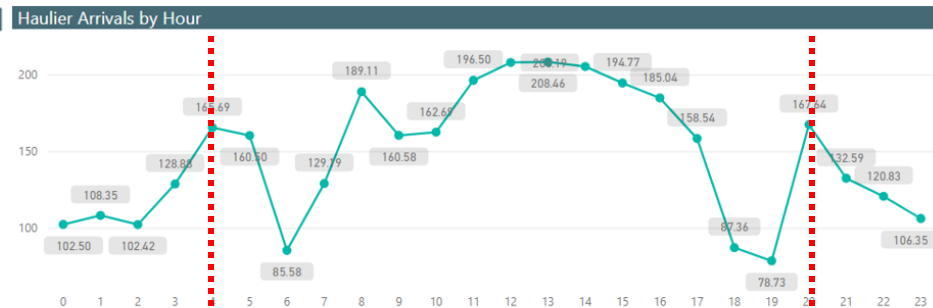
20:00hrs



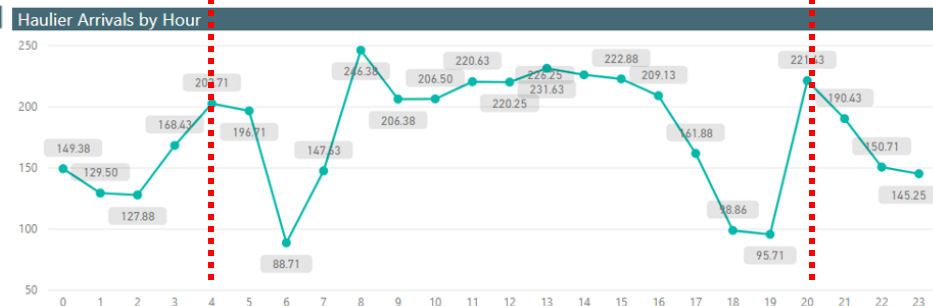
04:00hrs

Jun-20

20:00hrs



May-20



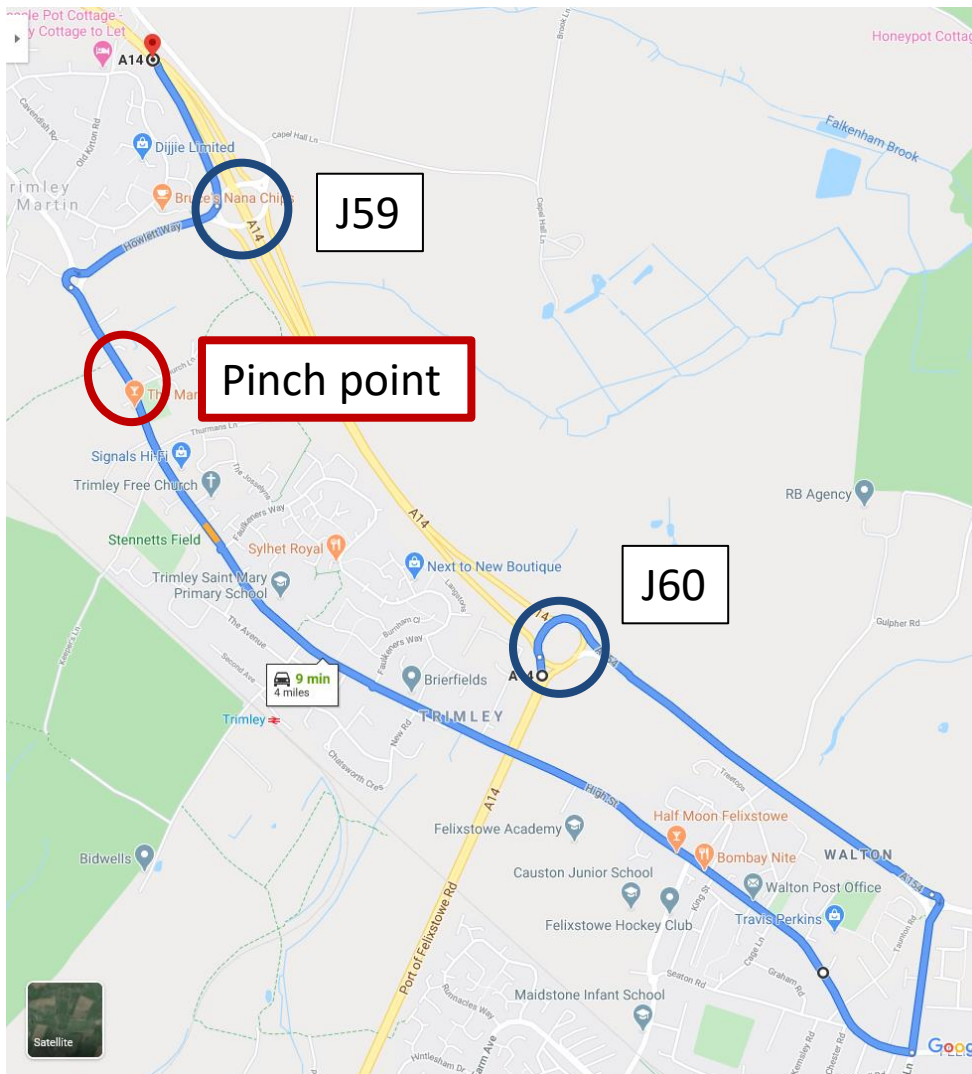
Jul-20



# Where and when will the work take place

Phase	A14 closure extents	Diversion (click text for Google map of route)	Indicative programme			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
			Start	Finish	Duration (shifts)	10-Aug	17-Aug	24-Aug	31-Aug	07-Sep	14-Sep	21-Sep	28-Sep	05-Oct	12-Oct	19-Oct	26-Oct	02-Nov	09-Nov	16-Nov	23-Nov	30-Nov	07-Dec	14-Dec	21-Dec	28-Dec	04-Jan	11-Jan	18-Jan	25-Jan
1	A14 WB J60-J59	<a href="#">A154 Candlet Road, Garrison Lane, High Road W, High Street, High Road, Howlett Way</a>	10-Aug-20	19-Aug-20	8																									
2	A14 WB J59-J58 including associated access points	<a href="#">Howlett Way, High Road, Felixstowe Road, A1156</a>	20-Aug-20	30-Sep-20	30																									
3	A14 EB J58-J59 including associated access points	<a href="#">A1156, Felixstowe Road, High Road, Howlett Way</a>	01-Oct-20	11-Nov-20	30																									
4	A14 EB J59-J60 including associated access points	<a href="#">Howlett Way, High Road, High Street, High Road W, Garrison Lane, A154 Candlet Road</a>	12-Nov-20	02-Dec-20	15																									
5	A14 EB J60-J61	<a href="#">A154 Candlet Road, Garrison Lane, Langer Road, A154</a>	03-Dec-20	16-Dec-20	10																									
6	A14 EB J61-J62	<a href="#">A154 Trinity Avenue, A154, Walton Avenue</a>	17-Dec-20	23-Dec-20	5																									
7	A14 EB and WB J61-J62	- Port traffic via Dock Gate 1. - Local traffic via A154 through Felixstowe.	04-Jan-21	08-Jan-21	5																									
8	A14 WB J62-J61	<a href="#">A154 Walton Avenue, A154, Trinity Avenue</a>	11-Jan-21	15-Jan-21	5																									
9	A14 WB J62-J60	<a href="#">A154 Trinity Avenue, Walton Avenue, Langer Road, Garrison Lane, Candlet Road</a>	18-Jan-21	29-Jan-21	10																									

# Where and when will the work take place

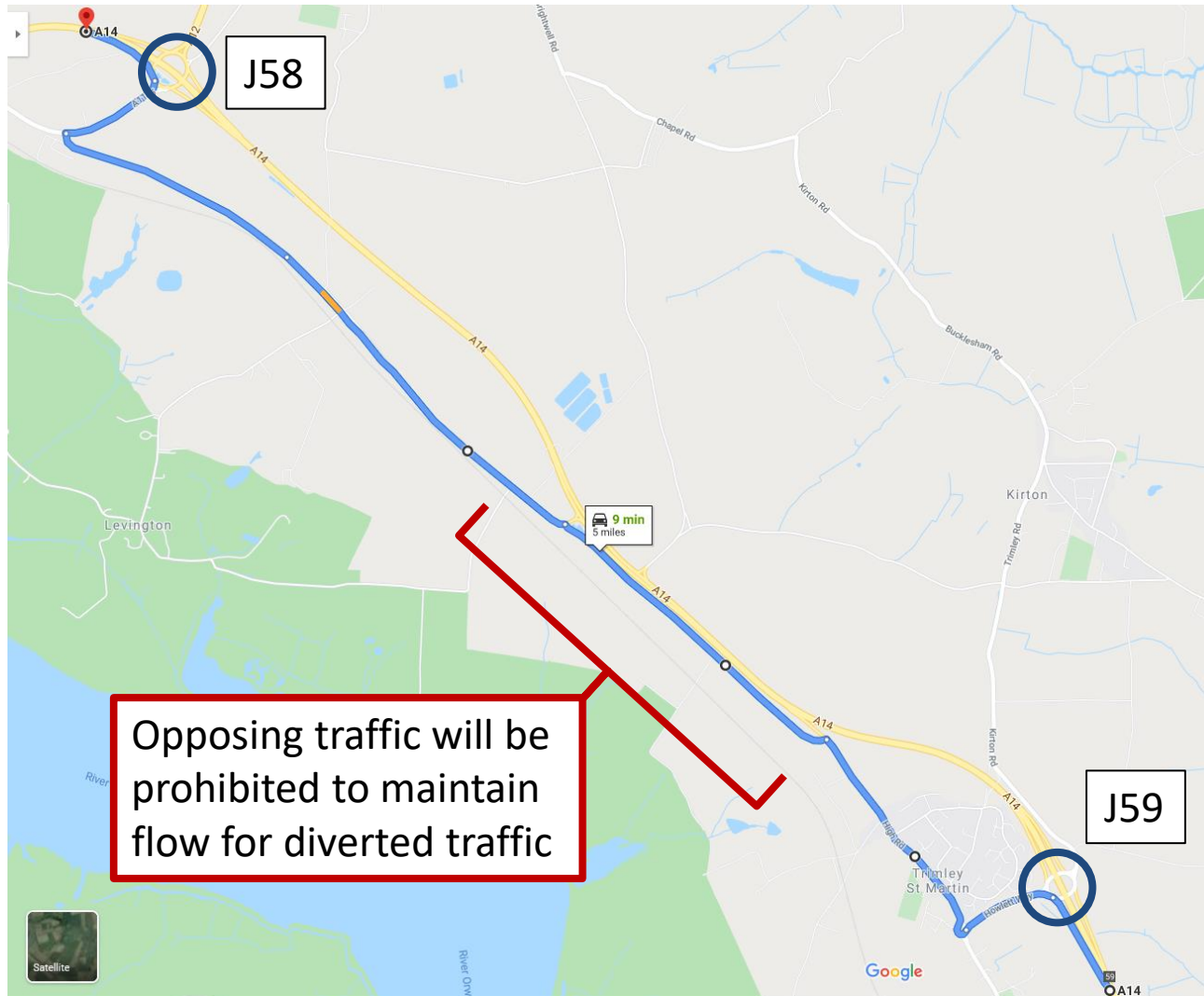


## Phase 1:

### A14 WB J60-J59

- 2 week duration.
- Diversion via Walton and Trimley St Mary to re-join A14 at J59.
- Temporary 2-way traffic lights will manage flows through the pinch point.

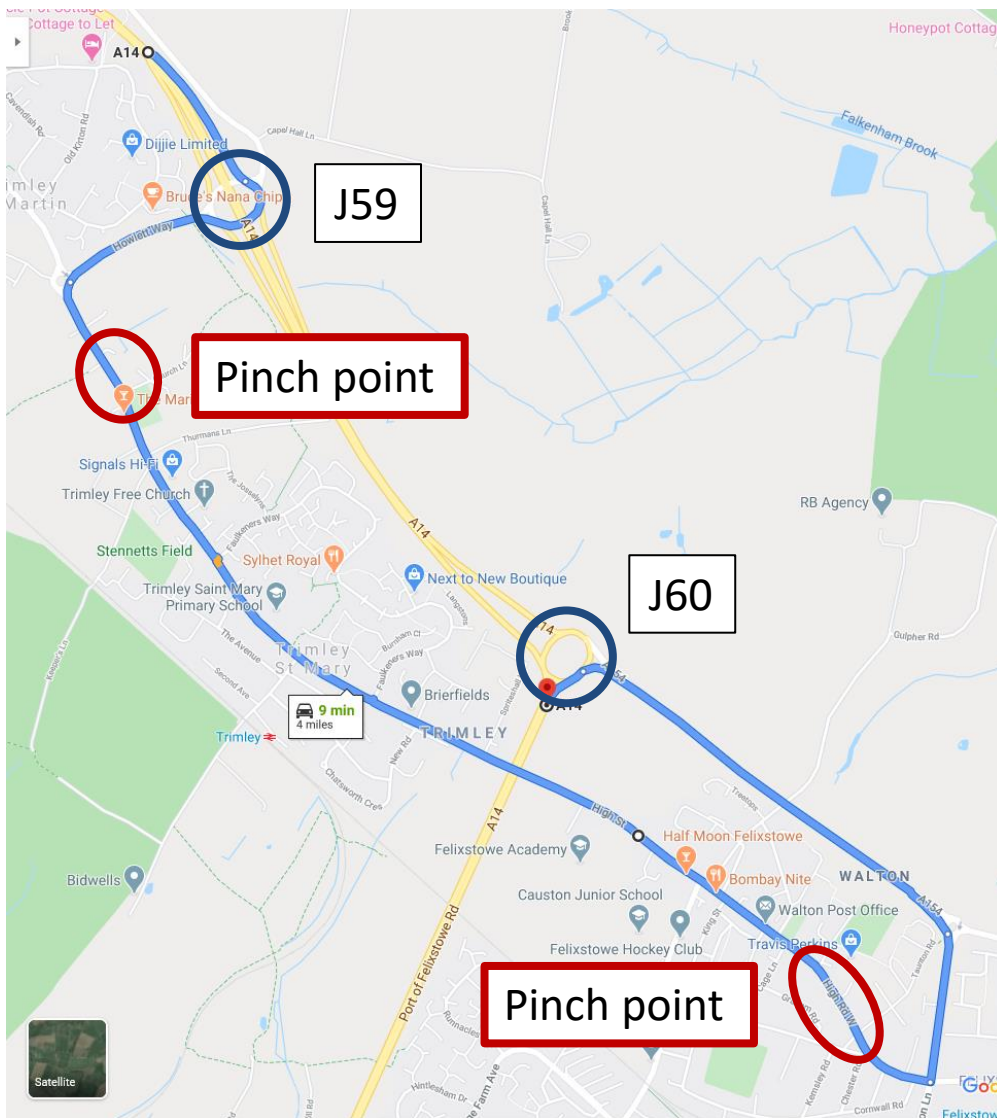
## Where and when will the work take place



## Phase 2 and 3: A14 J59-J58, WB and EB

- 6 week duration in both directions, WB then EB.
- Diversion via Trimley St Martin and Levington.
- Priority will be given to diverted traffic along the single lane section.

# Where and when will the work take place



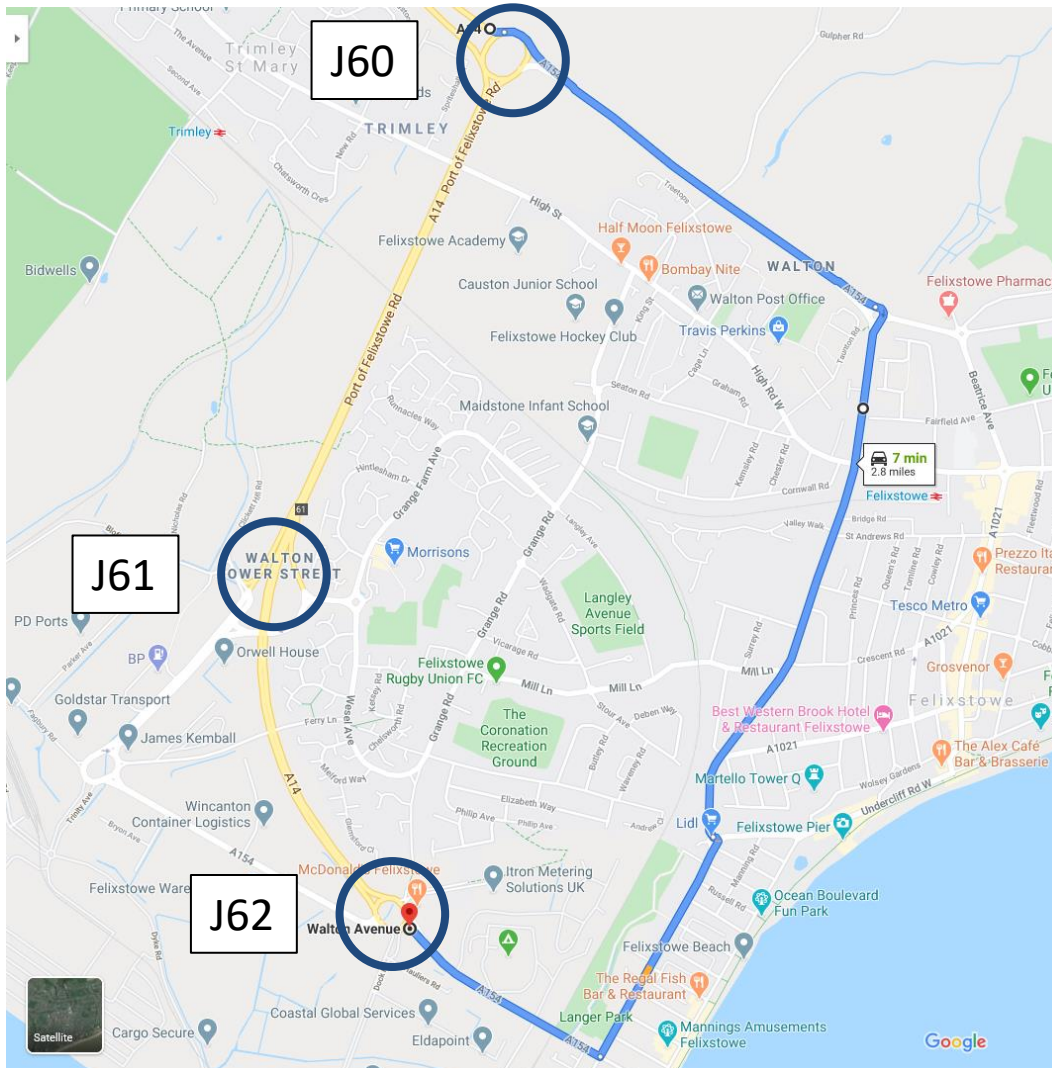
## Phase 4:

### A14 EB J59-J60

- 3 week duration.
- Diversion via Trimley St Mary and Walton to re-join A14 at J60 except whilst we're resurfacing J60 RBT when traffic will take the A154 through Felixstowe.
- Temporary 2-way traffic lights will manage flows through the pinch points.



# Where and when will the work take place

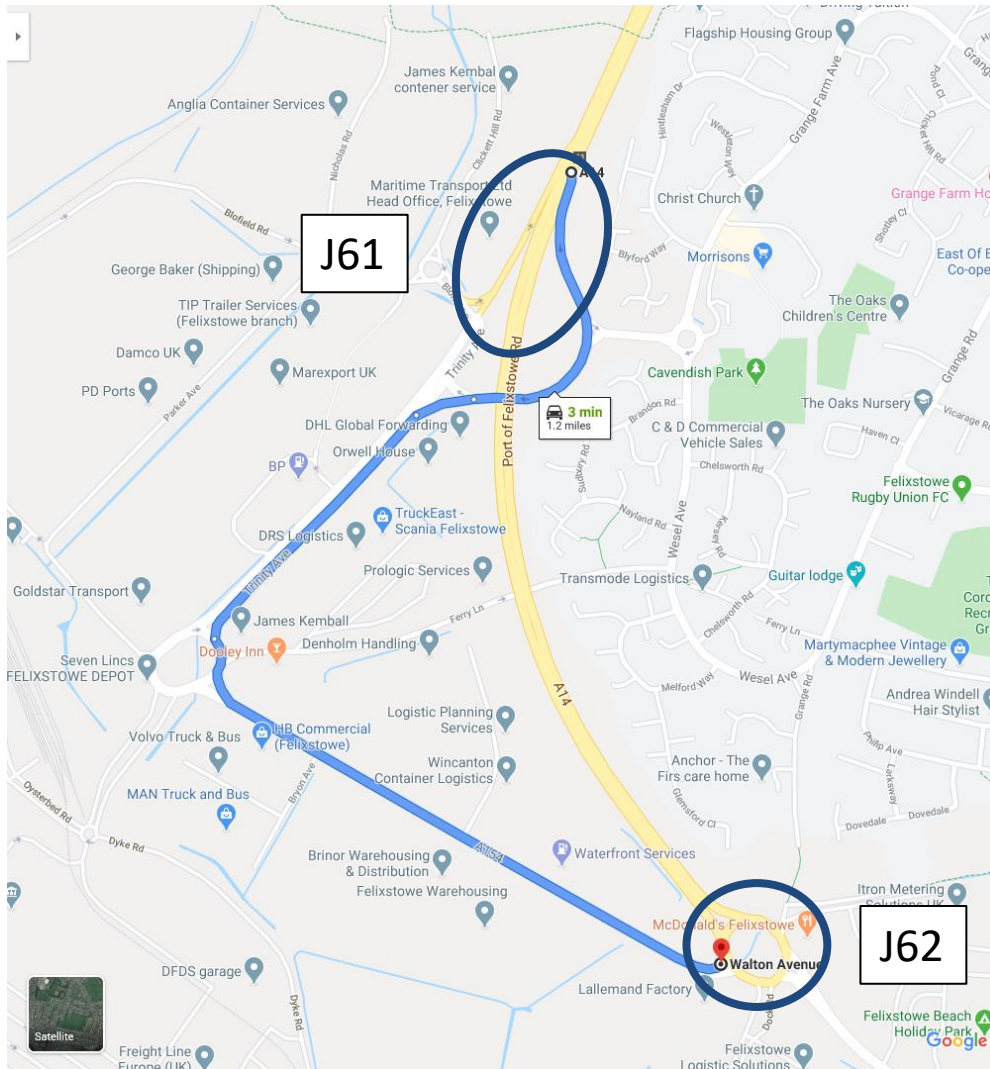


## Phase 5:

### A14 EB J60-J61

- 2 week duration.
- Diversion via A154 through Felixstowe.
- Temporary lights will be required to control local traffic by J61 exit slip.

# Where and when will the work take place



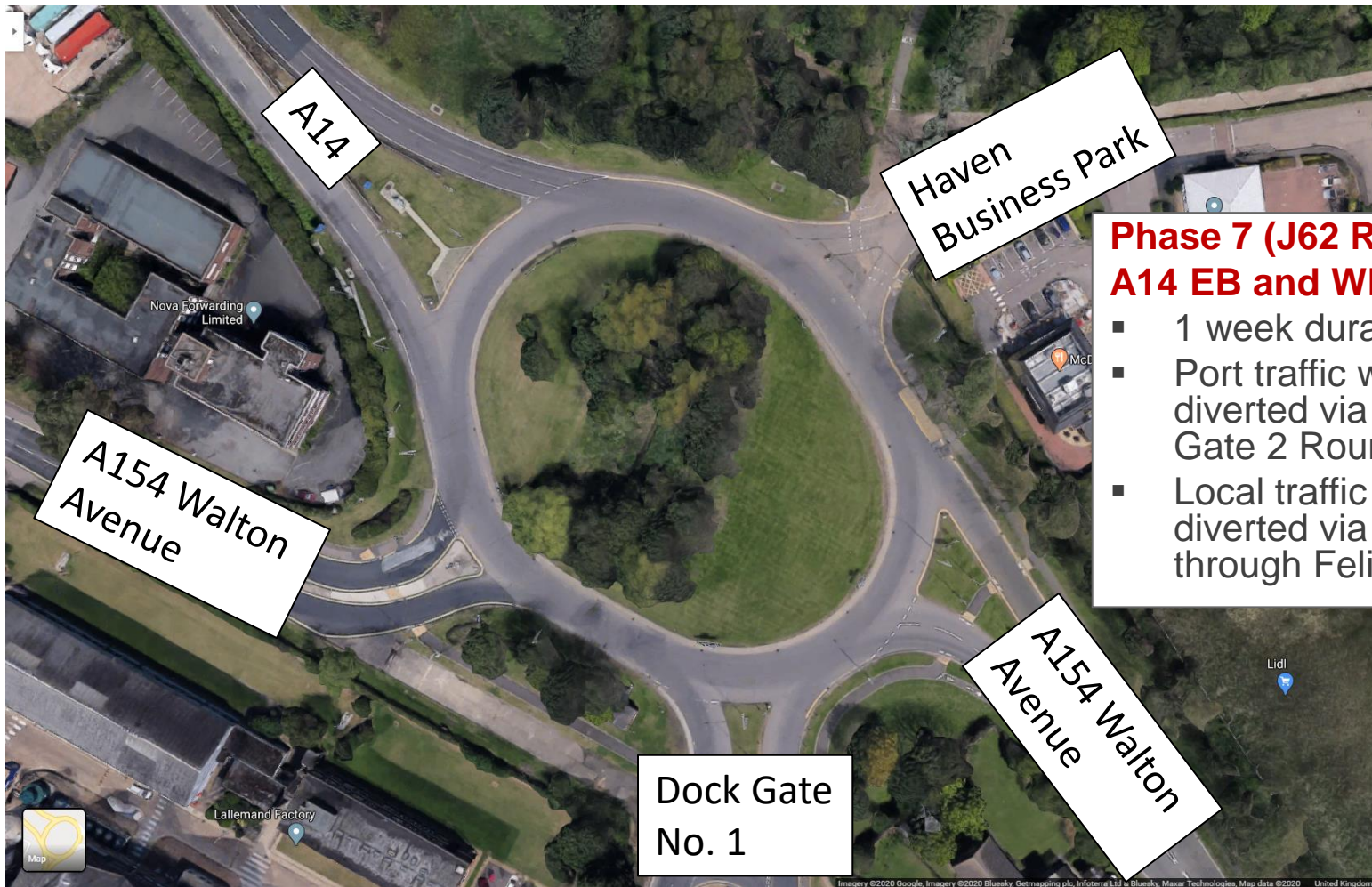
## Phase 6:

### A14 EB J61-J62

- 1 week duration.
- Diversion via A154 Dock Gate 2 Roundabout.



# Where and when will the work take place

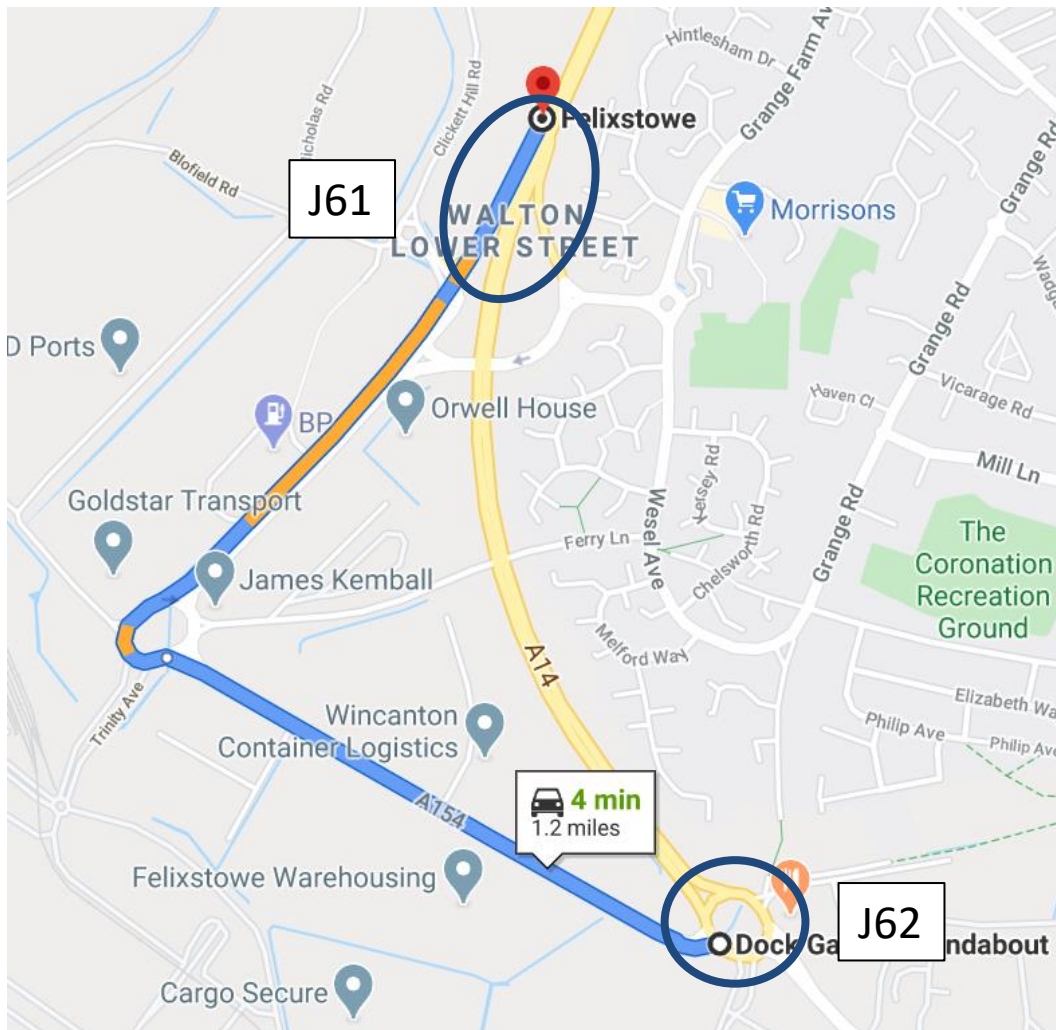


## **Phase 7 (J62 RBT): A14 EB and WB J61-J62**

- 1 week duration.
- Port traffic will be diverted via A154 Dock Gate 2 Roundabout.
- Local traffic will be diverted via A154 through Felixstowe.



# Where and when will the work take place

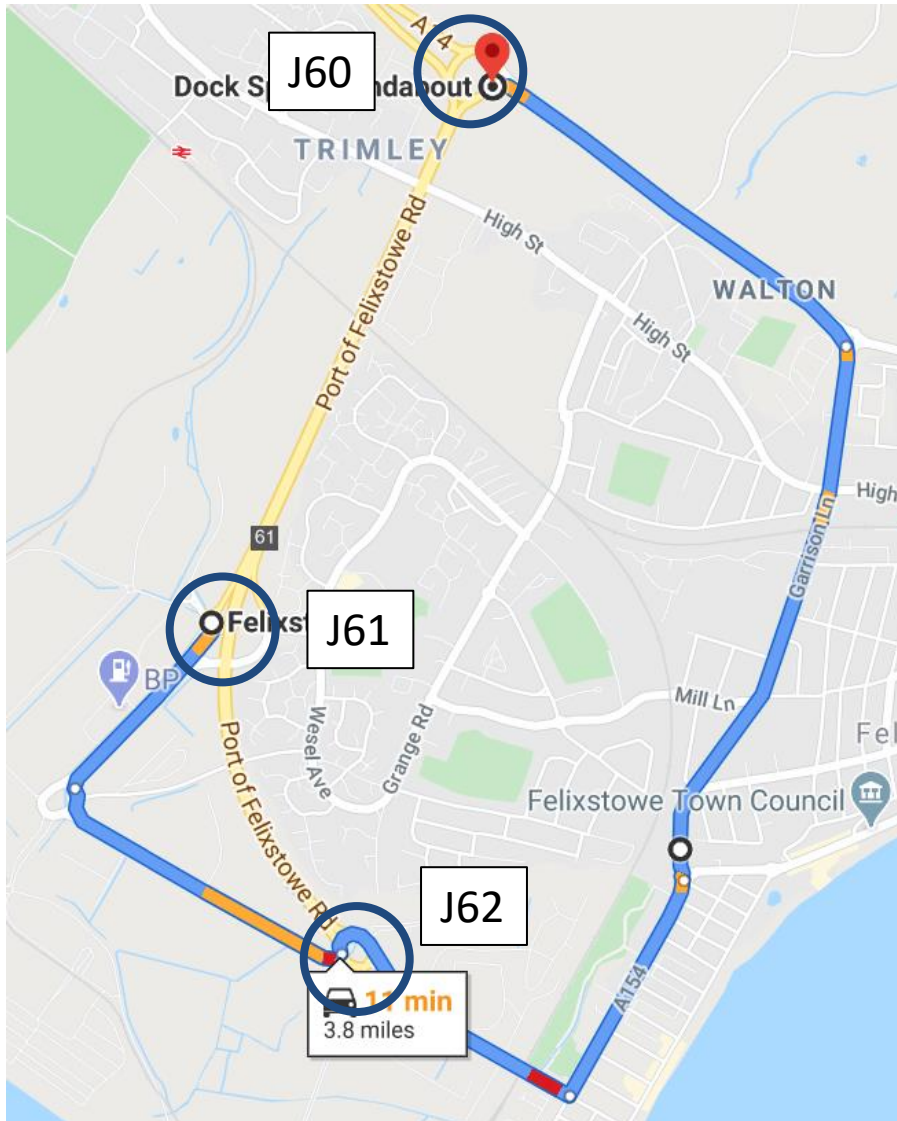


## Phase 8:

### A14 WB J62-J61

- 1 week duration.
- Diversion via A154 Dock Gate 2 Roundabout.

# Where and when will the work take place

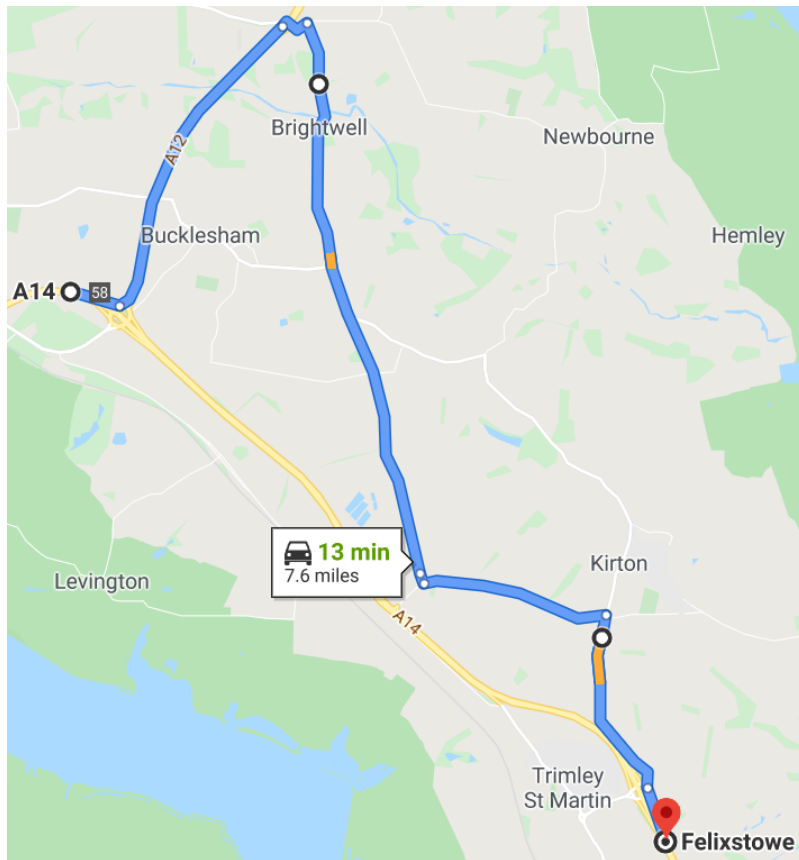


## Phase 9:

### A14 WB J62-J60

- 2 week duration.
- Diversion via A154 through Felixstowe except whilst we're resurfacing J60 RBT when traffic will be diverted via The Trimleys.

# Diversion route options



- Diversion routes are limited on the Felixstowe peninsula however we have assessed an alternative route suggested to us following our initial presentation in February.
- The suggested route was for A14 EB J58-J59 traffic via A12, Brightwell Road, Innocence Lane and Kirton Road.
- Brightwell Road was deemed unsuitable by Suffolk Highways.
- An alternative option was to divert traffic directly onto Innocence Lane however this manoeuvre was deemed unsafe by our traffic management provider.

# Communications

## Stakeholder letters

- Given the scale of the construction programme we will have a dedicated Highways England web page where all affected stakeholders can obtain up-to-date information on our closure dates as works progress.
- The web page is expected to go-live next week and we plan to inform as many of our stakeholders via email about how to access the information.
- As our stakeholders tend to be local authorities, parish councils and businesses etc. we will write to residents who live along the diversion route corridors to inform them.
- An email will also be sent to The Port of Felixstowe so they can share the web link with their staff and every arrival and departure logged on their electronic scheduling system.
- We welcome your help in disseminating information via local websites and social media platforms.

# Communications

## Weekly round-up

- Updates will be disseminated via our weekly round-up news release.

## Online

- As well as our web page, we will also use Twitter to keep motorists informed ahead of every closure (55k followers to HE account).
- We will ask parish councils to upload a copy of the stakeholder letter and/or web link onto local websites and social media platforms. You can also include the letter and link to your weekly newsletter updates to residents.

## Public events

- We will continue to monitor local websites, news bulletins and press for information on local events that may be affected by our works and provide the necessary updates.

## On-site contact

- We will provide a named site contact who can resolve any problems during the overnight works should they arise.

# Communications

## Customer Contact Centre

- If you have any enquiries during the day please contact the Highways England Customer Contact Centre on 0300 123 5000, or by e-mail to [info@highwaysengland.co.uk](mailto:info@highwaysengland.co.uk).

## Q&A and FAQ

- We will provide our Customer Contact Centre with a standard Q&A document about the works so common queries can be answered directly as opposed to waiting for a reply from the communications team.
- We can also provide this information to councillors who may receive similar enquiries about the works so they can address these in a similar fashion.



# Communications

## Information signs

- We plan to use both static and mobile Variable Message Signs (VMS) to inform traffic of the closures ahead, help keep traffic on the agreed diversion routes and to reinforce speed limits.



## SAFETYcam

- A speed camera van will also be deployed as necessary to monitor traffic and help reinforce speed limits along the diversion routes.





# Close out and open discussion

- Thank you for attending our presentation, we hope you found it useful and informative.
- We will now address any questions raised via the Chat function before opening the floor so that we can understand any concerns you might have.