



16 & 17 SEPTEMBER
THE UNIVERSITY OF LINCOLN



THE 31st
JCT TRAFFIC
SIGNALS
SYMPOSIUM

2026 Sponsors



A CRH COMPANY



MOVA
USERS
GROUP

FIFTEENTH
SEPTEMBER

2026 Partners

Chris Kennett
Consulting Limited 
Traffic Signal Engineering



TRL Shaping
transport





NETWORKING Opportunities



MEAL AND COMPLIMENTARY DRINKS ON 16TH SEPTEMBER

SPONSORED BY



INFORMAL NETWORKING EVENING : TUESDAY 15 SEPTEMBER FROM 5.00PM

Meeting at Virtually Golf between 5.00pm and 7.00pm (pictured above). This Event is not sponsored.

INFORMAL MEAL & BAR : WEDS. 16 SEPTEMBER FROM 7.00PM

Towers Student Union building. Relaxed evening meal and refreshments.

Sponsored by



→ Welcome address by John Nightingale – Director JCT

A change of venue this year as we bring the Traffic Signals Symposium to our home City of Lincoln.

The event last year at the Royal armouries in Leeds was a success and thank you to everyone who provided feedback. The majority of the feedback was very positive but a number of suggestions for improvements were made.

A number of people said that they missed a traditional tiered lecture theatre which we have now secured this year at the University of Lincoln.

Some people also said that they preferred the Networking Events to be closer to the main event and again we have managed to do this in Lincoln.

We have also managed to procure some very affordable, high quality on campus accommodation.

There was also an appetite for longer papers and more time for Questions so this year we formed a new independent Papers Committee who have carefully selected the papers and set a very high bar in terms of relevance and quality.

This does of course mean that overall there are less papers and presentations than last year but we are confident that we have a very balanced and strong programme. Thank you to all who will contribute this year.

The decision to move the Symposium from Leeds was made quickly and sadly the late move meant that we could not secure a viable exhibition space for 2026 but work is underway to bring an exhibition back in 2027.

Despite the lack of an exhibition this year a number of suppliers have generously offered sponsorship.

A consortium of suppliers comprising JCT, NAL, Telent and Yunex Traffic are sponsoring the Networking event on Wednesday night. This consists of an informal meal and some complimentary drinks and is in the Student Union



"Towers" bar. Other companies are also providing their generous support:

- JCT, NAL, Telent and Yunex Traffic are sponsoring the Informal Meal on Wednesday night
- TRL are sponsoring the Lunch and Refreshments on Wednesday
- SWARCO are sponsoring the Lunch and Refreshments on Thursday
- PTV Group are sponsoring the Lanyards
- JCT are providing the goody bags
- Our official Media Partner is Highways News

There will only be one sponsored Networking Event this year but on Tuesday night we are inviting people to join us for a drink at "Virtually Golf" (from 5.00pm) on the beautiful Brayford Marina and will no doubt spill out to enjoy other hosteleries along the Brayford.

We really hope you enjoy your visit to Lincoln and we are looking forward to our 30th Birthday event!



Contact JCT



JCT Consultancy Ltd,
LinSig House, Deepdale Enterprise Park,
Deepdale Lane,
Nettleham, Lincoln,
Lincolnshire LN2 2LL

Tel 01522 751010

Email symposium@jctconsultancy.co.uk

Web jctsymposium.co.uk



ESSENTIAL INFO



Car Parking

There is a large car park opposite the University at St Marks that has 700 spaces. There are approximately 25 blue badge parking bays and six Electric Vehicle Charging points. Visit St Marks for more information.

By bike

Lincoln can be accessed on National Cycle Network routes 1, 64 and 93. Park & Bike provide convenient locations to park your car for free and continue your journey by bike. These locations are Burton Waters, LN1 2WN, Skellingthorpe Community Centre, LN6 5UT and Washingborough Community Centre, LN4 1AB. From here, there are three traffic-free routes by joining either the Sustrans Route 64 or the Water

Rail Way. Secure cycle storage and changing facilities are available at St Marks Cycle Storage and Lincoln Railway Station.

Park and Ride

If you're travelling to Lincoln by car, the Park & Ride will have a positive impact on the environment and save you money on parking. Buses run every 15 minutes from Waitrose on Searby Road and stop at the following locations:

- **Nettleham Road:** The inbound stop is adjacent to KFC, opposite the Waitrose car park
- **Northgate:** Next to Lincoln Cathedral
- **Broadgate:** Inbound only for the city centre
- **Lincoln Bus Station:** For the High Street, St Marks and the University of Lincoln

The first bus departs Waitrose at 6.48am and the last return bus will leave Lincoln Bus Station at 6.20pm. To use the service, simply park in one of the designated spaces at Waitrose and purchase a ticket from the bus driver, using cash, card or contactless payment. Parking is free and a return ticket costs £3.50.

Accommodation

If you have booked accommodation through JCT, please check in at **St Marks Student Village**, Lincoln, LN6 7TW. Rooms are available from 12:00 noon and bedrooms must be vacated by 12:00 noon on the day of departure (please ensure your door is locked before departing). Your apartment communal kitchen will have a fridge/freezer, cooking facilities and equipment, kettle, microwave, iron and ironing board and your room will have towels and toiletries supplied but NOT hairdryers. Free WiFi is available.

Reception staff will be on hand from 08:00 – 18:00. If you expect to arrive outside of these times to check-in, to avoid delays, please let us know your ETA so that we can notify the out-of-hours security team. On arrival, if Reception is closed, please call 01522 886062 and a member of the Security team will meet you to issue a key.

Chargeable parking is available at St Marks.

MOVA Users Group

The MOVA Users Group is being held on Tuesday 15th September – the day before the Symposium. It will be held at the Doubletree By Hilton Lincoln,



Brayford Wharf North, Lincoln, LN1 1YW. Refreshments will be served from 10:00 alongside registration and your lunch will be provided too. The proceedings will start at 10:30. The day is funded by the MOVA Users Group Partners, Chris Kennett Consulting, PTV Group, SWARCO, Telent, TRL and JCT.

Symposium

The Symposium presentations will take place in the Isaac Newton Building. Registration for the Symposium will take place in the atrium of the Isaac Newton Building. The presentations will start at 09:15 prompt on Wednesday 16th and will finish at approximately 16:15 on Thursday 17th September.

At registration, you will be given your name badge which **must be worn at all times** in order to gain entry to the Symposium, Refreshments and to take advantage of the sponsored event as well as being a way to identify yourself to on-site University security personnel.

Exhibition

The exhibition is being paused for 2026.

Luggage Room

Please ask at the JCT stand if you wish to store any luggage.

Wireless Internet Access

Details will be provided at the event.

Informal Networking Evening on Tuesday 15th Sept

You are welcome to join us at Virtually Golf, 3b Brayford Wharf N, Lincoln, LN1 1YX between 5.00 - 7.00pm. Enjoy access to three state-of-the-art simulators, where you can try your hand at virtual golf or take part in a range of fun interactive games with prizes up for grabs. Whether you're a seasoned golfer or just looking to try something new, there's something for everyone. This is a great opportunity to network in a relaxed, informal setting, overlooking the waterfront and just a few minutes' walk from local hotels. This event is not sponsored.

Networking Evening on Wednesday 16th Sept

On Wednesday evening we will be holding a barbecue sponsored by NAL, Yunex and Telent. This event will be held at Towers, 8 Brayford Wharf, Lincoln, LN5 7AT on the University of Lincoln campus. This networking event will be open from 19:00 and the food will be served from around 19:30.

Meals

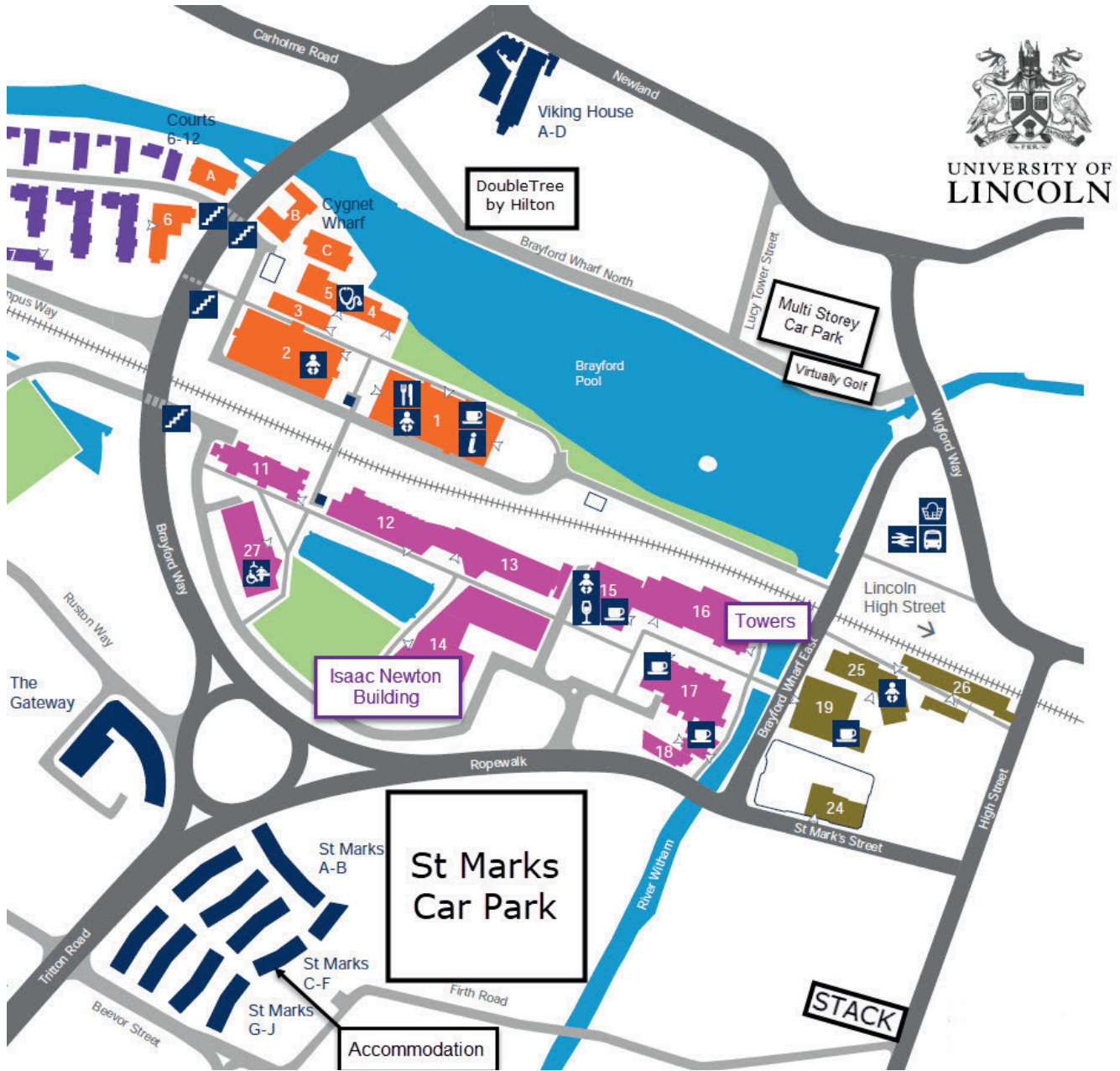
Lunch and refreshments at the Symposium are included during the day and will be served in the Isaac Newton Building atrium.

Allergen Information & Dietary Requirements:

Vegetarian options will be available as standard. If you have ordered an alternative meal option or have dietary requirements your pre-booked food will be placed on a separate table in the atrium.

Please note, as with every catering establishment, there is always a potential for cross-contamination to occur. While we endeavour to prevent this as far as possible, the nature of an allergen means we cannot fully guarantee that cross-contamination may not have occurred.

VENUE



MAP

ITINERARY



JCT Symposium 2026 – Itinerary

University of Lincoln



The itinerary of all the events during the Symposium is given below.

Tuesday 15th September – DoubleTree by Hilton Lincoln

10:00 – 10:30	MOVA Users Group Registration & Coffee and Pastries
10:30 – 12:15	MOVA Users Group session 1 in Cathedral 1
12:30 – 13:30	Lunch in the Viewing Gallery
13:30 – 14:45	MOVA Users Group Session 2 in Cathedral 1
14:45 – 15:00	Refreshments in the Viewing Gallery
15:00 – 16:00	MOVA Users Group Session 3 in Cathedral 1
17:00 – 20:00	Meet Up at Virtually Golf, 3b Brayford Wharf N, Lincoln, LN1 1YX.

Wednesday 16th September – University of Lincoln

08:30 – 09:30	Symposium Registration in Isaac Newton Building Atrium
09:30 – 10:45	Symposium Session 1 in Isaac Newton Lecture Theatre
10:45 – 11:15	Refreshments in Isaac Newton Building Atrium - Refreshments Sponsored by TRL
11:15 – 12:30	Symposium Session 2 in Isaac Newton Lecture Theatre
12:30 – 13:30	Buffet Lunch in Isaac Newton Building Atrium - Lunch Sponsored by TRL
13:30 – 14:50	Symposium Session 3 in Isaac Newton Lecture Theatre
14:50 – 15:20	Refreshments in Isaac Newton Building Atrium - Refreshments Sponsored by TRL
15:20 – 16:40	Symposium Session 4 in Isaac Newton Lecture Theatre
19:30 – 23:30	Barbecue Sponsored by Yunex Traffic, Telent & NAL at Towers, 8 Brayford Wharf, Lincoln, LN5 7AT

Thursday 17th September – University of Lincoln

08:30 – 09:30	Symposium Registration in Isaac Newton Building Atrium
09:30 – 10:50	Symposium Session 5 Isaac Newton Lecture Theatre
10:50 – 11:20	Refreshments in Isaac Newton Building Atrium - Refreshments Sponsored by Swarco
11:20 – 13:00	Symposium Session 6 in Isaac Newton Lecture Theatre
13:00 – 14:00	Buffet Lunch in Isaac Newton Building Atrium - Lunch Sponsored by Swarco
14:00 – 16:00	Symposium Session 7 in Isaac Newton Lecture Theatre
16:00 – 16:30	Refreshments in Isaac Newton Building Atrium

MOVA USERS GROUP



IT'S GREAT TO WELCOME

everyone this year to the MOVA Users Group at its new venue in Lincoln.

Every year our event opens three days of technical talk, discussion and exchange of ideas, with the MOVA Users Group being followed immediately by the JCT Symposium.

This first day brings our collective expertise on MOVA together, but also offers fantastic opportunities for people new to this technology to listen, learn and talk with those who have been working with it for years. As always, thank you to all those presenting and talking, and also to everyone who asks questions and add their own thoughts and comments, as this exchange is what it is really about.

This year, in response to User's feedback and in addition to the normal presentations, we will be

running a **live interactive session on MOVA 8 Special Conditions**. During this session we will be taking requests and questions from the Users, and demonstrating how to build Special Conditions with commentary and answers from TRL and Users. This should be a fantastic opportunity to get involved, learn and help share solutions and answers.

If you work with MOVA, or just want to learn more about it, please come along, contribute and share by asking questions, adding your own views and sharing your experience. Even consider presenting next year?

Most of all, please enjoy the day



Chris Kennett
Chair,
MOVA Users Group



Chris Kennett
Consulting Limited
Traffic Signal Engineering



jct training
software
consultancy
limited

PTV GROUP
part of Umovity

swarco

telent
Part of M Group

TRL Shaping
transport

PROGRAMME | MOVA USERS GROUP

2026 MOVA Users Group PROGRAMME Tuesday 15th September 2026

Registration 10.00 – 10.30

Refreshments

Session 1 10.30 – 12.30 **Chair - Chris Kennett**

Introduction and review of MOVA Users Group 2025.
Chris Kennett – MUG Chair & John Nightingale - JCT

Partner Presentation: Update from TRL
Wendy Davidson - TRL

User Presentation: Benefits of MOVA Revalidation
Paul Finch - National Highways

Partner Presentation: New MOVA Platforms from SWARCO
John Ball – SWARCO

Partner Presentation: Analysing TMA Logs
Ethan Baxter – Chris Kennet Consulting

Pre-lunch sign off
Chris Kennett – MUG Chair

Lunch 12.30 – 13.30

Buffet Lunch

Session 2 13.30 – 14.45 **Chair - Chris Kennett**

Welcome Back
Chris Kennett – MOVA Users Group Chair

User Presentation: Special by Condition: Getting More from MOVA
Mark Hewitt - Aecom

Partner Presentation: Update from PTV Group
Devrim Kara – PTV Group

Partner Presentation: Update from Telent
TBC - Telent

Break 14.45 – 15.00

Refreshments

Session 3 15.00– 16.00 **Chair - Chris Kennett**

Interactive Session : MOVA Special Conditioning
Hosted by TRL, Audience Led

General Session : Questions and Feedback from MOVA Users
Audience Led

Closing Address : MUG 2026
Chris Kennett – MUG Chair

Close 16.00

Chris Kennett
Consulting Limited
Traffic Signal Engineering

PTV GROUP
part of Umovity

telent
Part of M Group

swarco

TRL Shaping
transport

jct
consultancy

Our 2026 Symposium sponsors

Sponsoring lanyards

PTV GROUP

part of Umovity

Sponsoring Networking Event on Wednesday evening



Sponsoring lunch and refreshments on Wednesday



Sponsoring lunch and refreshments on Thursday



Our media partner

Highways News



Thank you to all our sponsors

PROGRAMME | DAY ONE

31st Annual Traffic Signal Symposium PROGRAMME – Day 1 :

Wednesday 16th September 2026



Open 09.30

Session 1 09.30 – 10.45 Chair - Mike Guerin - Swarco

Welcome & Introduction.
TBC – JCT Consultancy

KEYNOTE ADDRESS : Welcome to Lincoln and then Asset Management, Local Government Revenue and Budgetary Pressures in Lincolnshire
Anthony Gent – Lincolnshire County Council

Unlocking the Next Stage
Sarah Shuff - Transport for London

Break 10.45 – 11.15

Session 2 11.15 – 12.30 Chair - Jennie Martin MBE – Trustee PACTS

Connected Roadworks and Real Time Delay Minimisation
Dr Adrian Withill - Derbyshire County Council, Andrea Newman - Swarco & TBC – AECOM

Delta Force! Meeting stakeholder requirements giving priority for pedestrians, tram and buses in Birmingham
Shane Collins - 4way Consulting

Beyond the Bus – Applying our route analysis to prisoner transport
Joe Carr - Transport for London

Lunch 12.30 – 13.30

Session 3 13.30 – 14.50 Chair - Margaret Bell CBE – Newcastle University

MOVA User Group Update.
Chris Kennett – MOVA Users Group Chair

Zero-queue traffic control, using green-times and prices together
Michael J. Smith - University of York & Richard Mounce - Director RBM Traffic Solutions Ltd

Modelling a complex system of junctions and signals by means of floating vehicle data and fluid mechanics
Peter Richards - National Highways & Marinos Tsiplakis - Compass IoT Limited

Break 14.50 – 15.20

Session 4 15.20– 16.40 Chair - Alistair Gollop – ITS & Traffic Signal Cons.

AI-Enhanced Traffic Management in Barnsley Using AwareAI
Daniel Ellis - Barnsley MBC & Nick Rule - Yunex Traffic

Developments in TOPAS Standards for Detectors
Mark Pleydell - Management Board - TOPAS

Day 1 closing address
John Nightingale – JCT Consultancy

Close 16.40

JCT Consultancy - Course Diary

2026/2027 Traffic Signals Training



Course	Date & duration	Venue	Price (excl.VAT)
October 2026			
LinSig3 Networks and Advanced Features Computer workshop	2 days from Tuesday 20 th October 2026	ONLINE	£ 660
November 2026			
NEW Traffic Signal Design	4 days from Tuesday 10 th November 2026	BIRMINGHAM	£ 2050
January 2027			
Introduction to Traffic Signals	2 days, from Tuesday 5 th January 2027	ONLINE	£ 640
LinSig3 Junction Modelling Computer Workshop	2 days, from Tuesday 19 th January 2027	ONLINE	£ 660
June 2027			
Introduction to Traffic Signals	2 days, from Tuesday 15 th June 2027	BIRMINGHAM	£ 750
LinSig3 Junction Modelling Computer Workshop	2 days, from Thursday 17 th June 2027	BIRMINGHAM	£ 785
Practical Application of MOVA Computer Workshop	3 days, from Tuesday 15 th June 2027	BIRMINGHAM	£ 1,330
Self-paced / Remote Learning courses – Anytime for a 60 day period			
UTC SCOOT Foundation Course Version 39	60 day period	ONLINE / Remote	£ 1,150
UTC SCOOT Foundation Course pre Version 39	60 day period	ONLINE / Remote	£ 950
TMS SCOOT Foundation Course	60 day period	ONLINE / Remote	£ 950

Full details, updates and online reservations are at www.jctconsultancy.co.uk/training or telephone 01522 751010 or email courses@jctconsultancy.co.uk

PROGRAMME | DAY TWO

31st Annual Traffic Signal Symposium PROGRAMME – Day 2 :

Thursday 17th September 2026



Open 09.30

Session 5 09.30 – 10.50 Chair - Paul Hutton – Highways News

KEYNOTE ADDRESS : Roads to the Future - Update from the DfT
Darren Capes - Department for Transport

The Digital Controller Interface Standard – An Update on The Topographical, Configuration and Controller Data Standards Activities
Peter Routledge - Ian Routledge Consultancy

Break 10.50 – 11.20

Session 6 11:20 – 13.00 Chair - Mark Pleydell - Pleydell Technology Consulting

Stuck on Red : Making the case for support of obsolescent traffic technology
Max Sugarman - ITS UK

Innovation needs to start, from the ground up
Lyndon George - Reading Borough Council

Old Tricks, New Dogs: Improving capacity using old techniques and new tech
Chris Kennett – CKC & Mark Underhill - Cambridgeshire County Council

Lunch 13.00 – 14.00

Session 7 14:00 – 16:00 Chair - TBC

Managing matchday demand: flow, incidents and response with SCOOT® 8AI
Wendy Davidson - TRL & Chris Small - TfGM

Journey (Delay) Monitoring Tool
Dr Adrian Withill - Derbyshire County Council & Hugo Barnes – AECOM

Are Queue Loops and Hurry Calls Needed?
Paul Finch - National Highways

Prizes
Papers Committee
TBC – JCT Consultancy

Symposium closing address
John Nightingale – JCT Consultancy

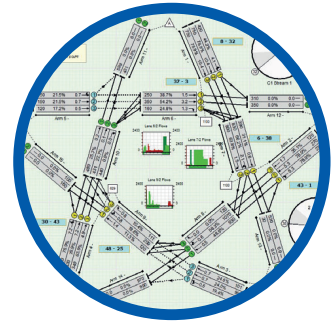
Close 16.00

Farewell Refreshments 16.00 – 16.30

About JCT

JCT Consultancy was formed in the 1980's and are probably best known for our product LinSig, which is used to evaluate the performance of traffic signal controlled junctions.

JCT offer modelling consultancy services. Over the years we have worked for Clients all over the United Kingdom, and even as far afield as Australia and New Zealand. We have worked on behalf of Transport Consultants who require modelling to test the impact of their development, and may even require investigation into any mitigation measures. We have also worked for many Highway Authorities, who require assistance in improving congested intersections, or auditing of modelling work submitted to them.



SERVICES

Development Impact Testing
Mitigation
Concept Design
Auditing
Expert Assistance

MODELLING

LinSig
quickGreen
ARCADY
PICADY
TRANSYT

JUNCTION TYPES

Priority Junctions
Roundabouts
Signal Junctions
Co-ordinated Networks
Signal Roundabouts

Consultancy Costs

JCT can provide a bespoke quotation for any specific job. Beyond the modelling, we can arrange traffic surveys (through a sub-consultant), process traffic flow data (although we would require any relevant growth factors / development flows), conduct site visits, determine signal parameters for proposals and produce technical notes.

For many clients who simply require modelling for an existing junction, and who can provide the traffic flows, signal specifications (if applicable) and layout, JCT can produce a desktop model, pdfs of the model input/output and summary results tables. Indicative costs , excluding VAT, are from (assuming up to 10 flow groups):

Traffic Signals

T-Junction / Crossroads
£685

Signal Roundabout
£1,025

Network
Contact Us

LinSig MOTs

T-Junction / Crossroads
£425

Network (up to 3 junctions)
£725

Roundabout
£645

Priority Junctions

T-Junction / Crossroads
£375

Mini-Roundabout
£375

Standard Roundabout
£575

Contact Us

Website: www.jctconsultancy.co.uk

Email: consultancy@jctconsultancy.co.uk

Phone 01522 751010

Address:

JCT
Consultancy
LinSig House
Nettleham
Lincoln
LN2 2LL

**The UK's only daily update of highways
and transport technology news**

Highways News

**Our unique daily email is sent direct to your inbox
every day at midday.**

Check out the news anytime at

highways-news.com

[x.com/highways_news](https://twitter.com/highways_news)

[linkedin.com/company/highways-news](https://www.linkedin.com/company/highways-news)

facebook.com/HighwaysNews/

SIGN UP HERE



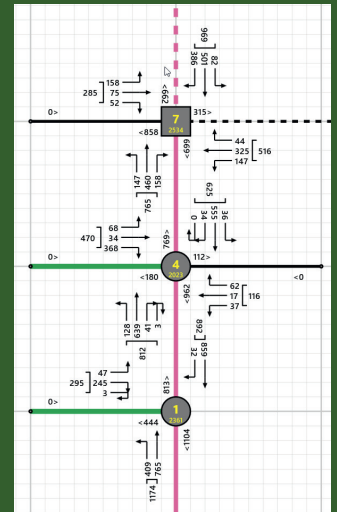
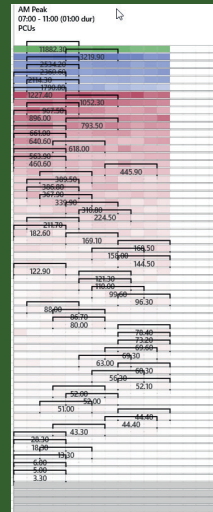
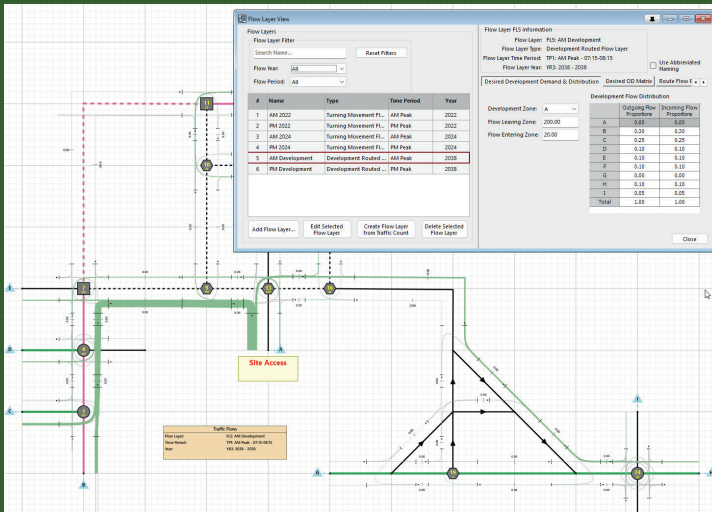
**Highways News – the only place you need
to go for everything you need to know**



LinFlow

Built for Traffic Flow Analysts

A faster, more accurate way to process, visualise and manage traffic flows



Specialist Software for a Specific Task

LinFlow is a purpose-built traffic flow platform that replaces generic spreadsheet workflows with a powerful, intuitive toolset :

- **Survey Company Data** : Import traffic flow data directly via templates or enter manually
- **Automatic PCU Conversion** : Use Program defaults or customise your own
- **Peak Hour Analysis** : Instantly identifies multiple peak periods using flow profiles
- **Rapid Diagram Generation** : Build full network diagrams (e.g. 10+ junctions), in under 15 minutes
- **Growth Policies** : Apply network-wide or movement specific growth factors
- **Scenario Layering** : Visualise and compare base, committed, and development flows on demand
- **Zonal Flow Assignment** : Define zones and let LinFlow auto-calculate turning flows across junctions
- **Error Detection** : Smart flow consistency warnings flag up potential issues early
- **Professional Outputs** : Standardised diagrams, graphical flow bands, and time-series graphs ready for Transport Assessment appendices
- **Matrix Estimation** : To derive OD matrices from junction flows. saving hours in early stage modelling

Want to Find Out More?

Visit us at the JCT Stand for a demonstration

LinFlow is entering the final stages of development

You can register your interest, and help with our development by filling in our questionnaire via the QR code

