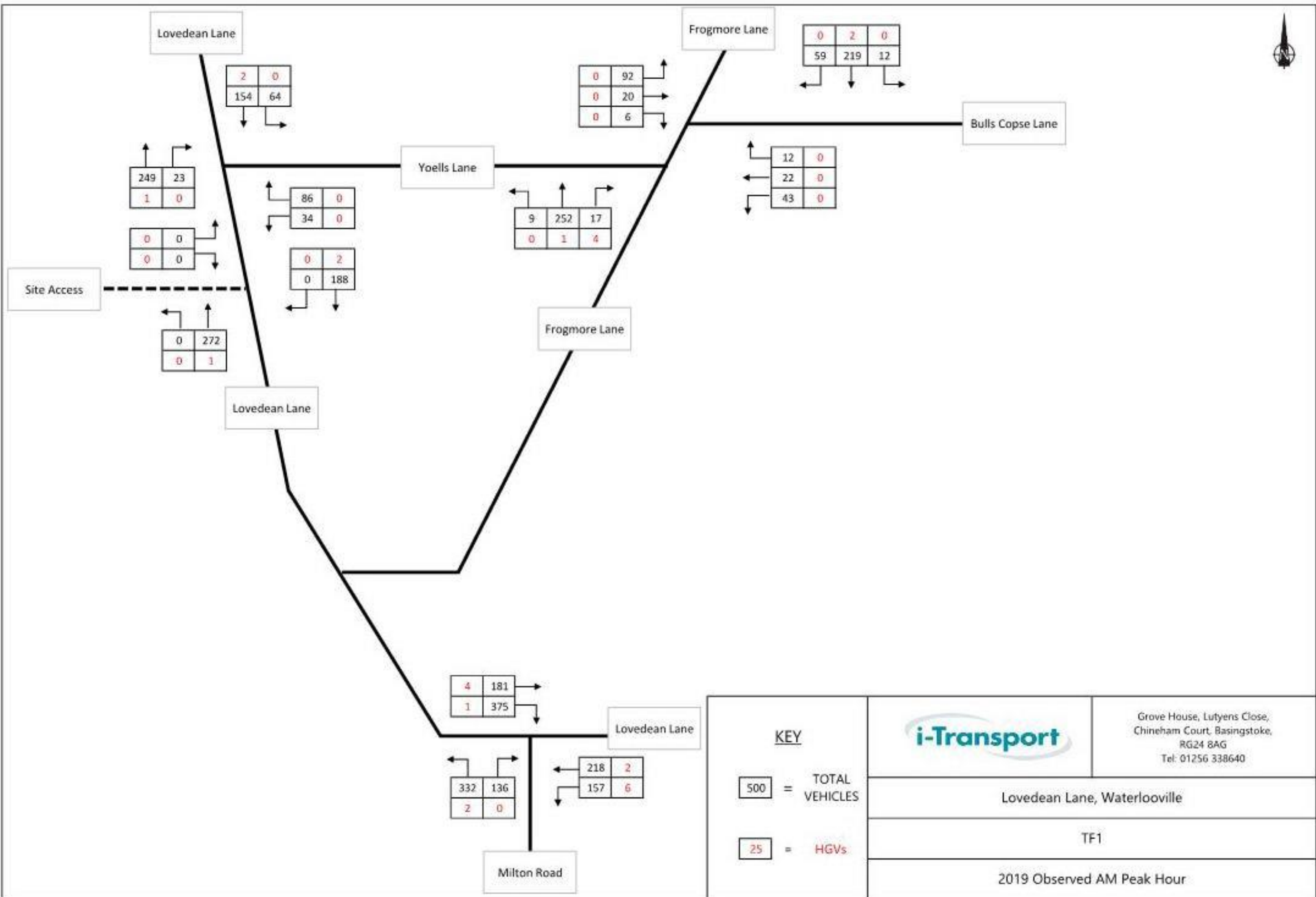


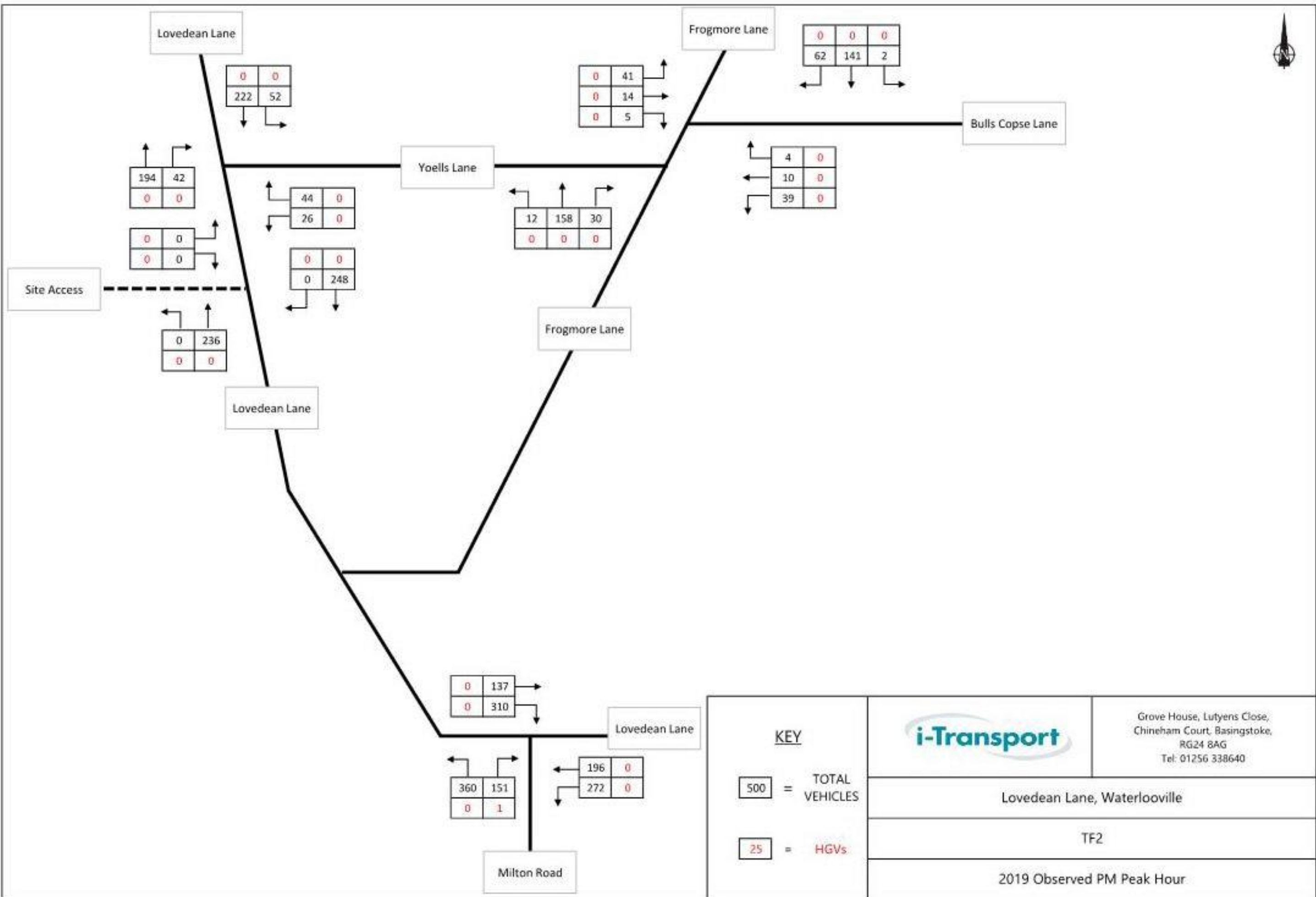


Grove House, Lutyens Close,
Chineham Court, Basingstoke,
RG24 8AG
Tel: 01256 338640

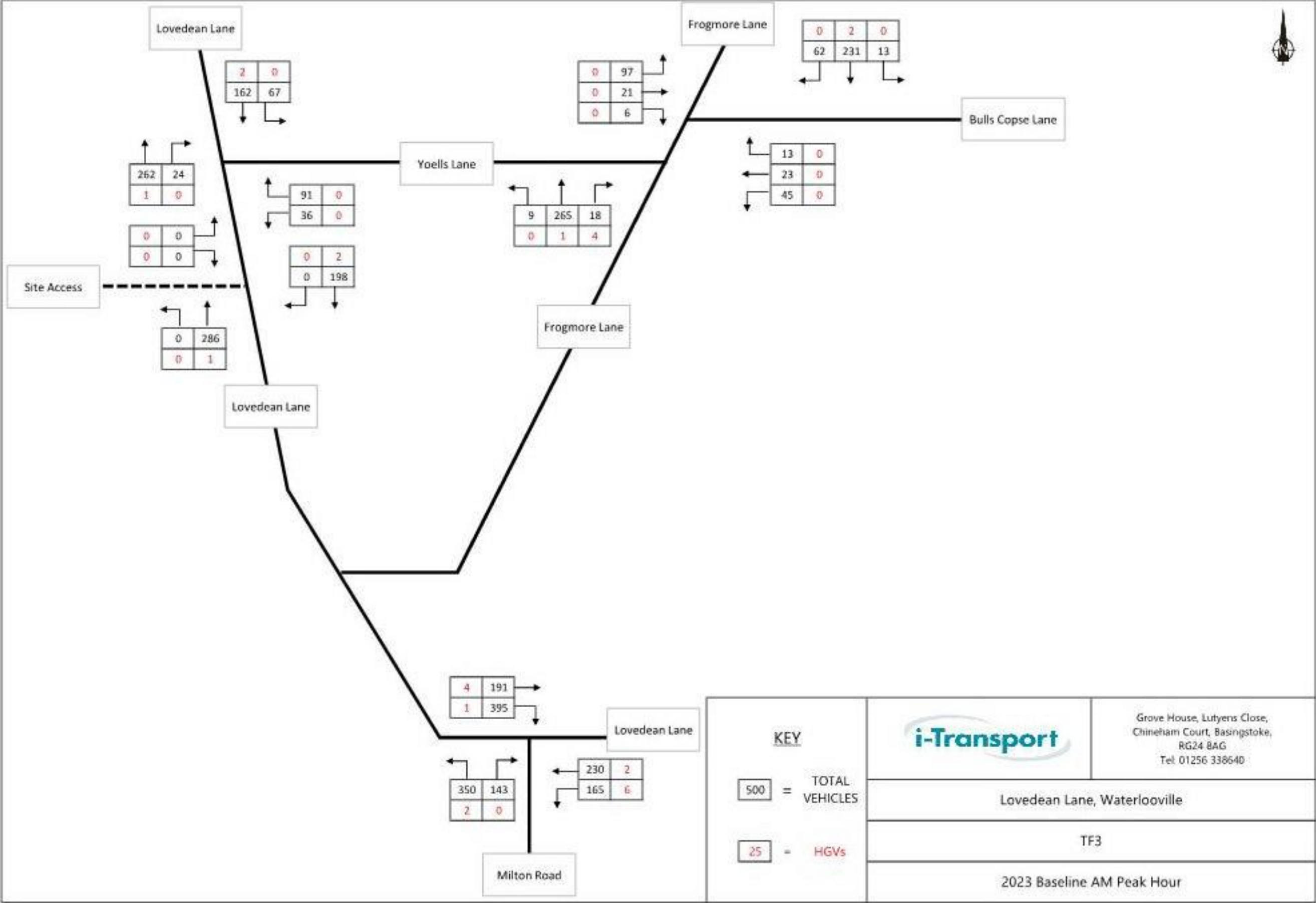
Lovedeane Lane, Waterloooville

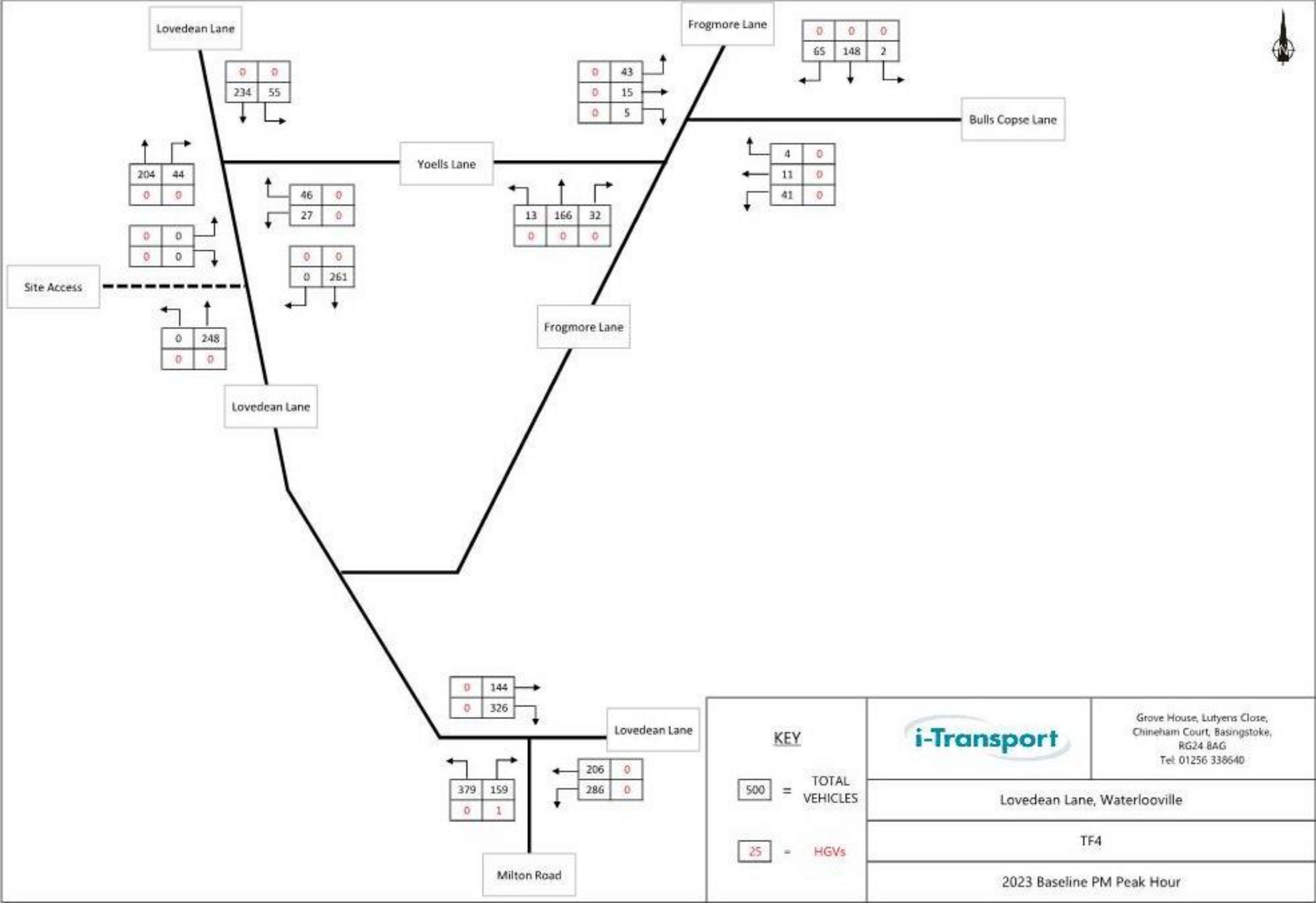
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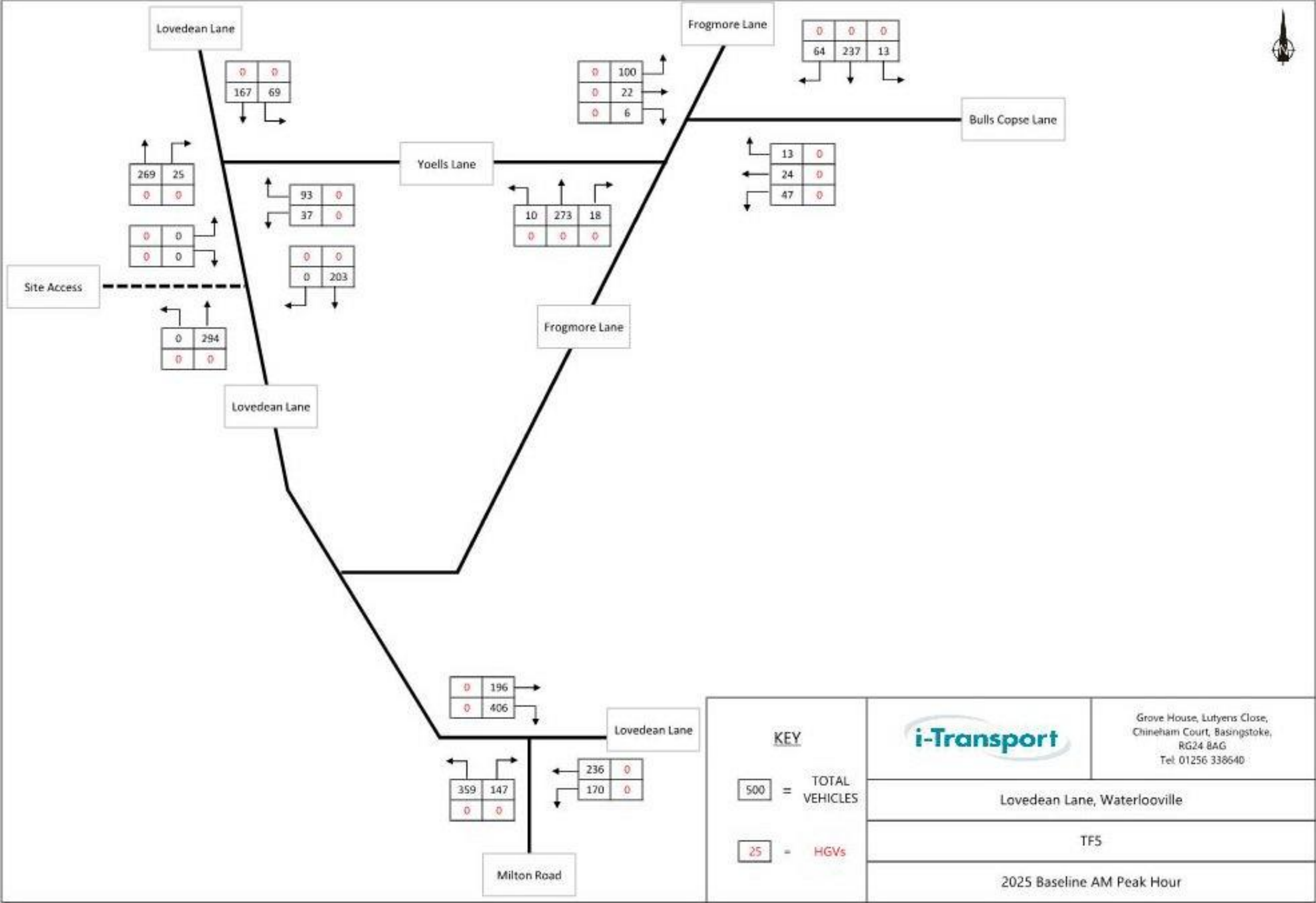
2019 Observed AM Peak Hour

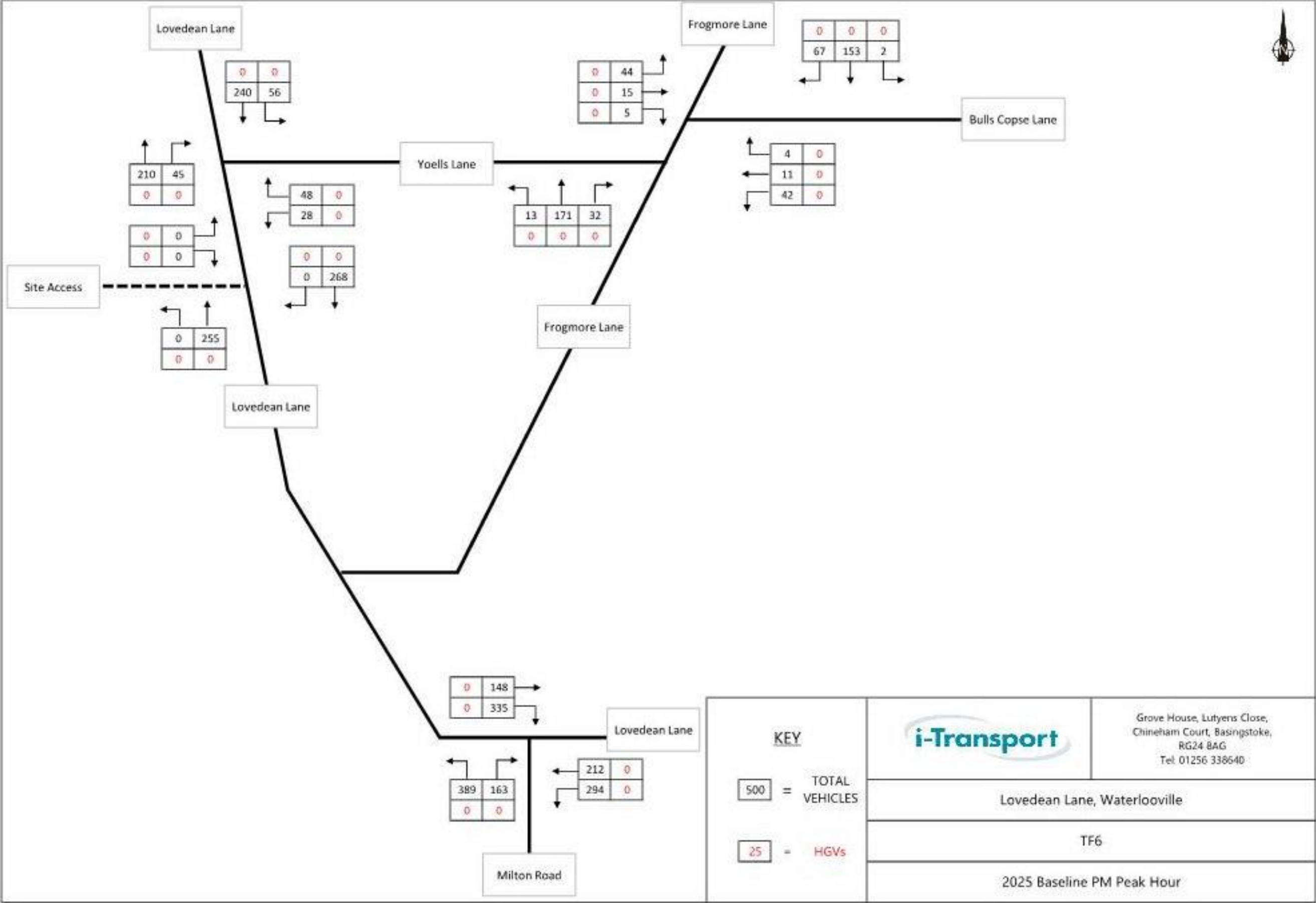


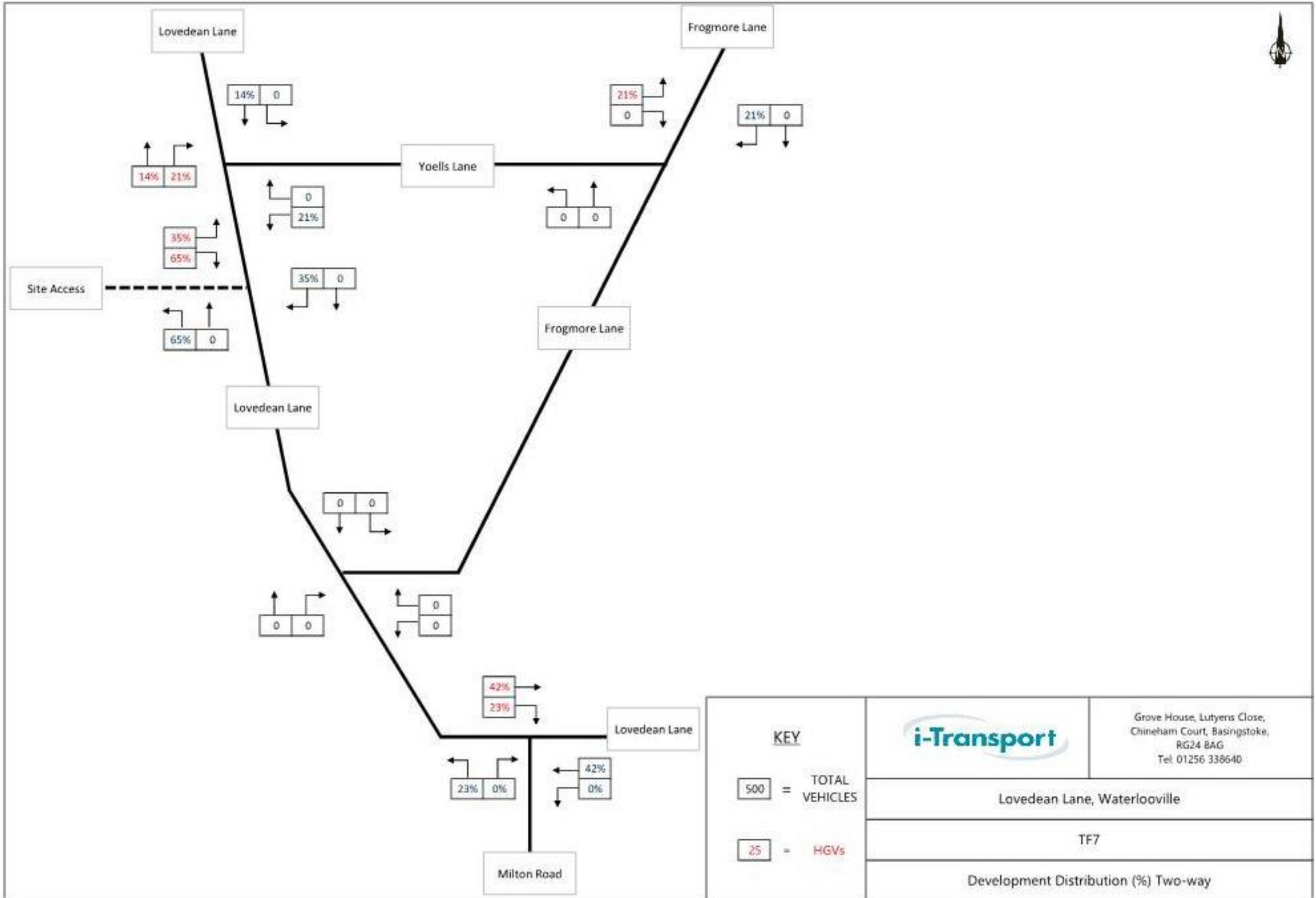
KEY 500 = TOTAL VEHICLES 25 = HGVs		Grove House, Lutyens Close, Chineham Court, Basingstoke, RG24 8AG Tel: 01256 338640
	Lovedeane Lane, Waterloooville	
	TF2	
	2019 Observed PM Peak Hour	

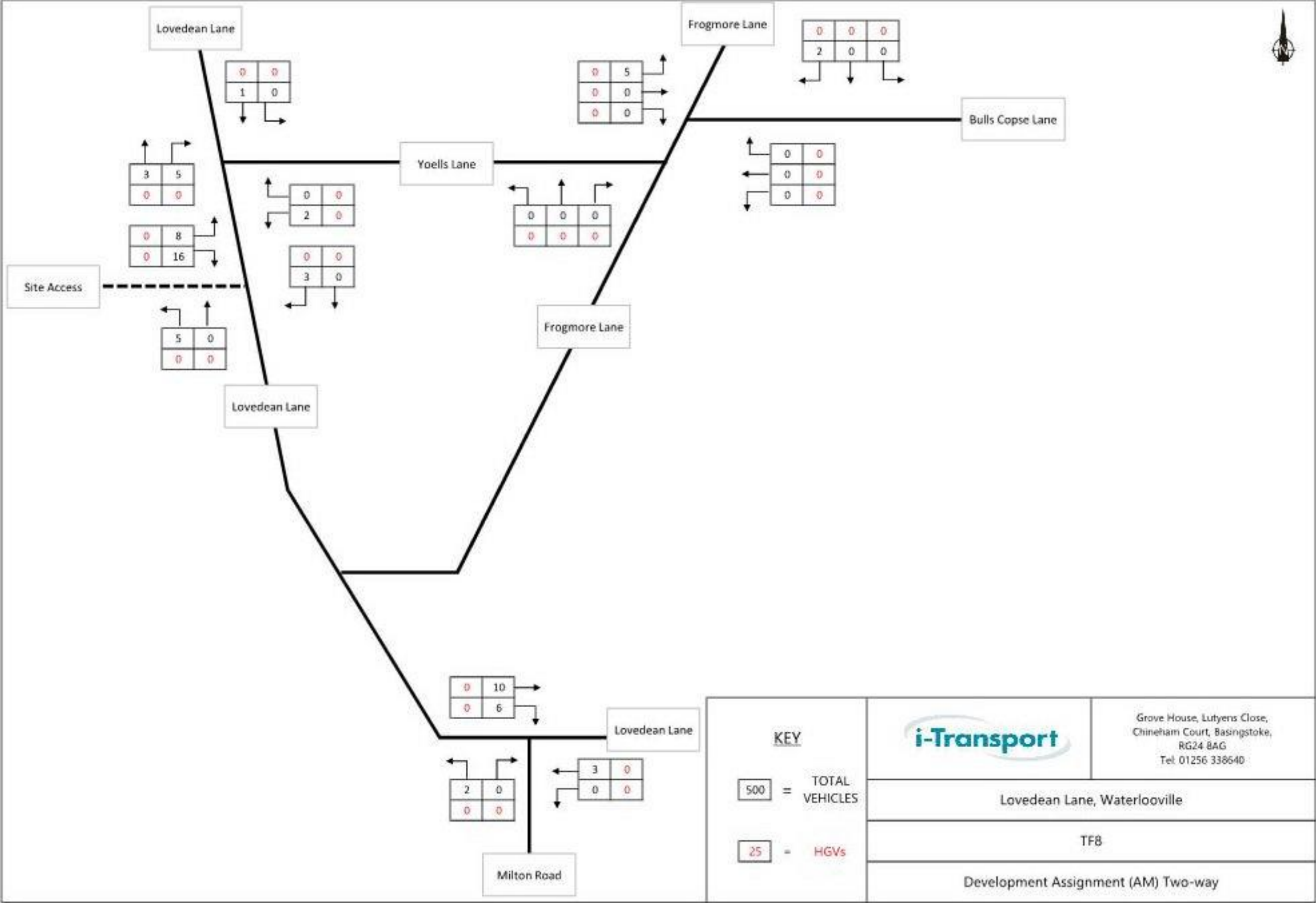












KEY

500 = TOTAL VEHICLES

25 = HGVs

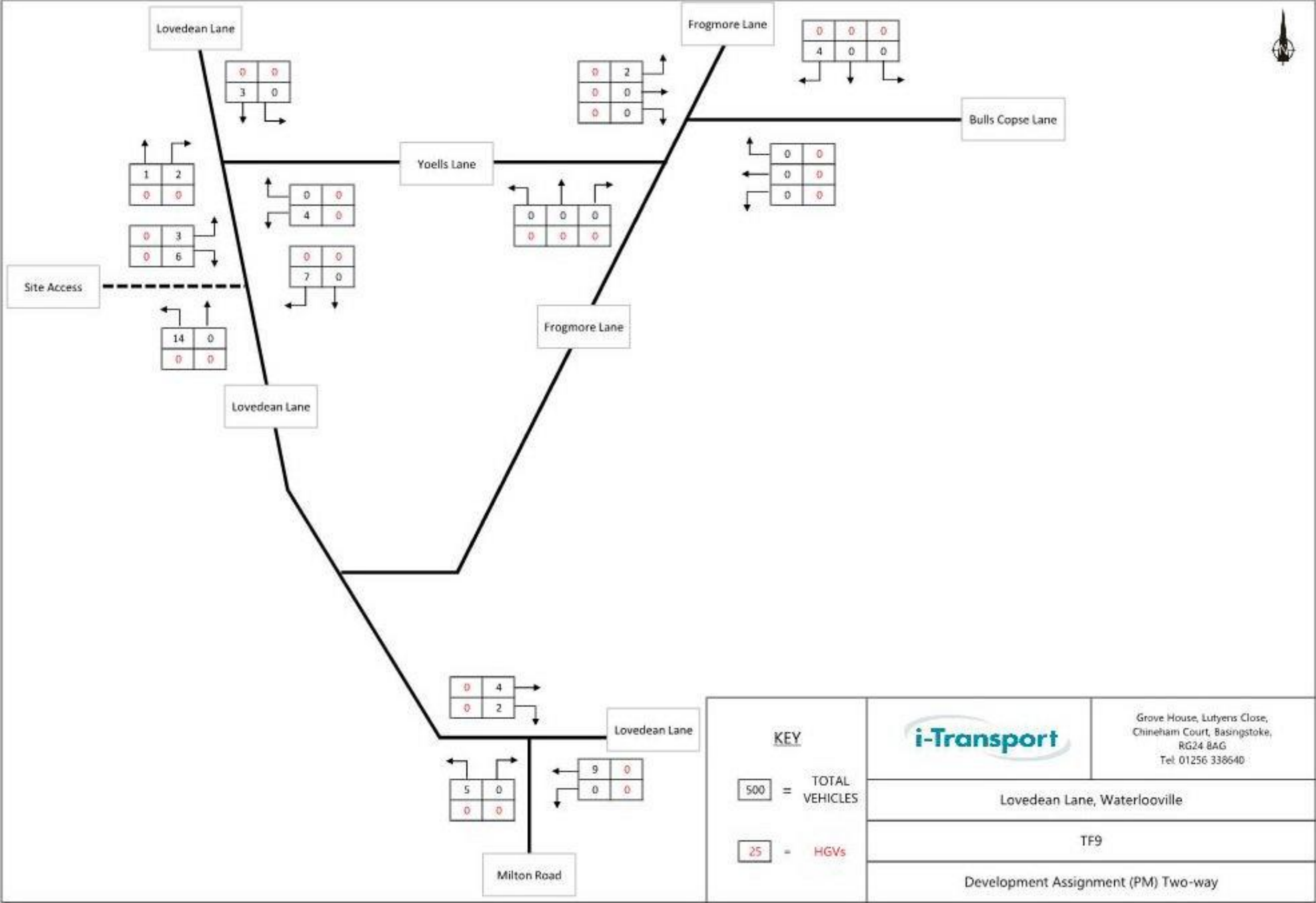
i-Transport

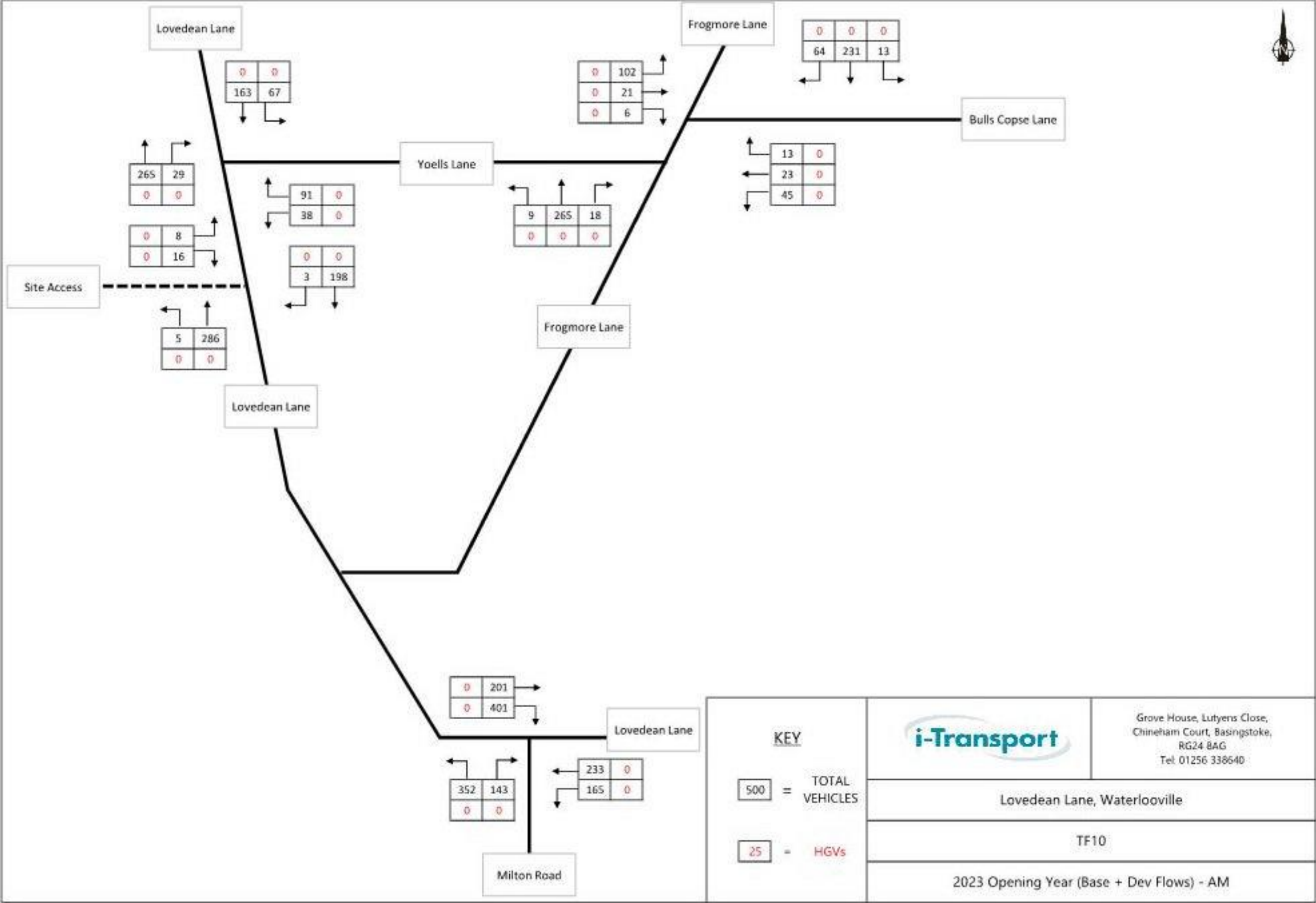
Grove House, Lutyens Close,
Chineham Court, Basingstoke,
RG24 8AG
Tel: 01256 338640

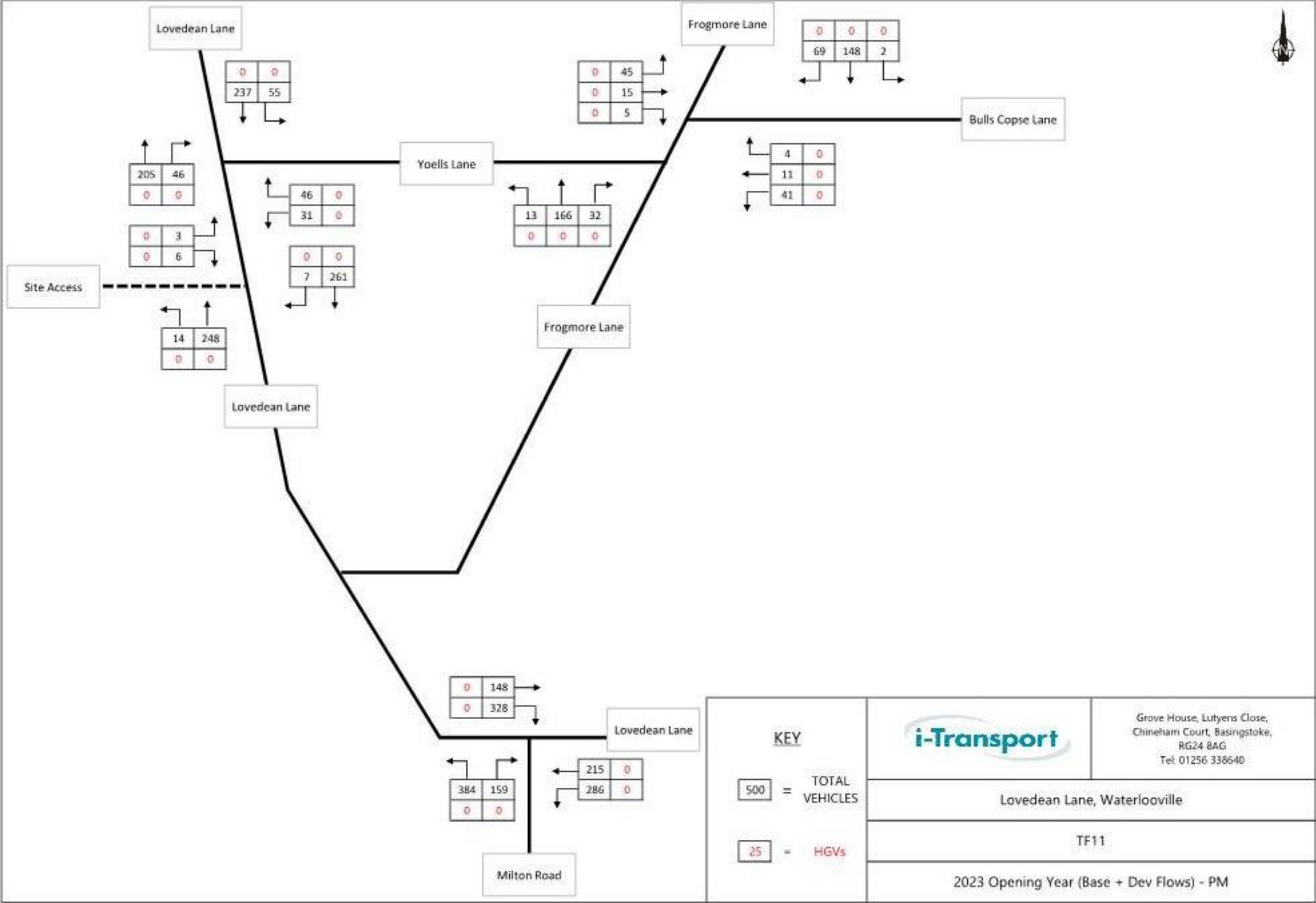
Lovedeane Lane, Waterloooville

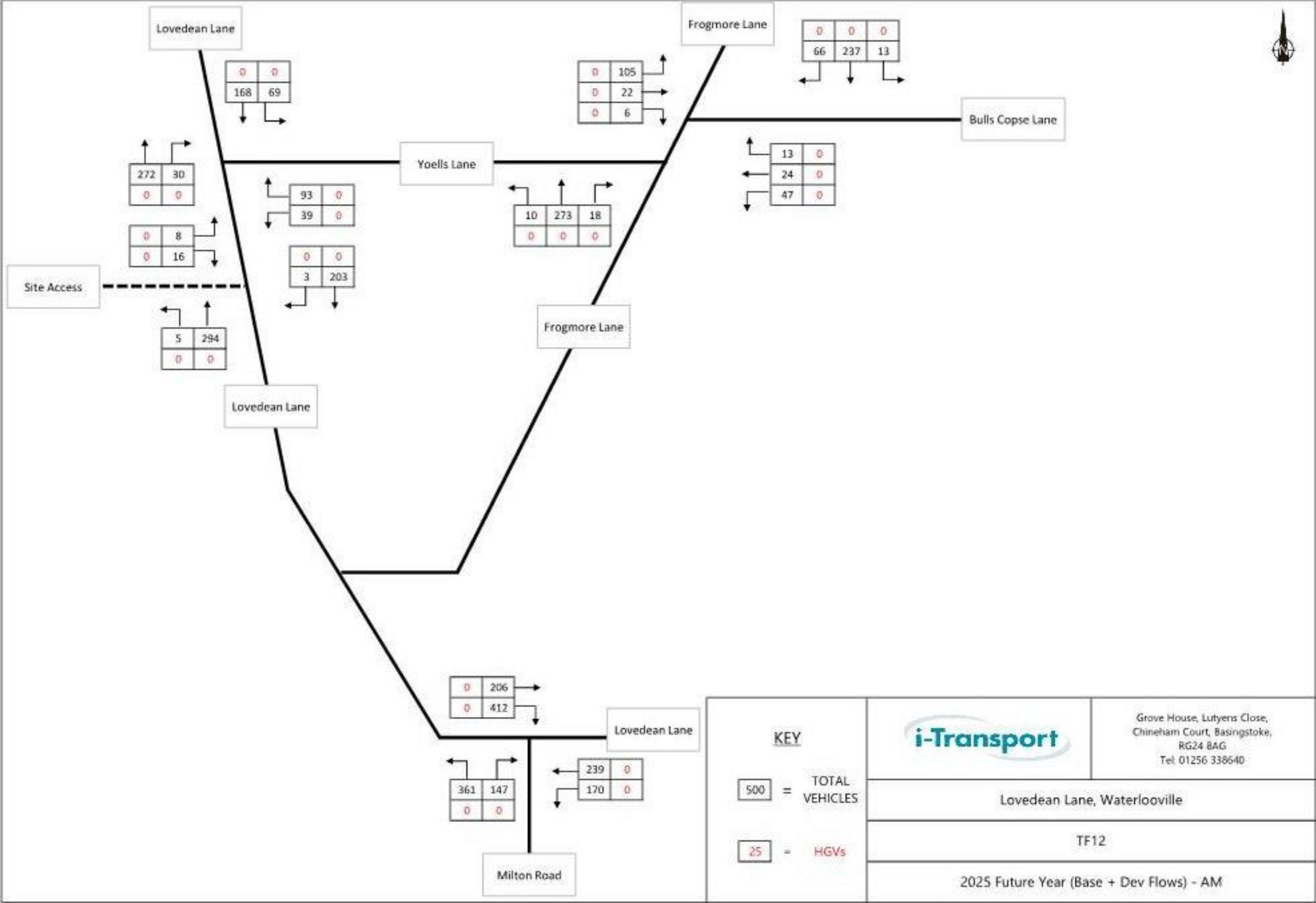
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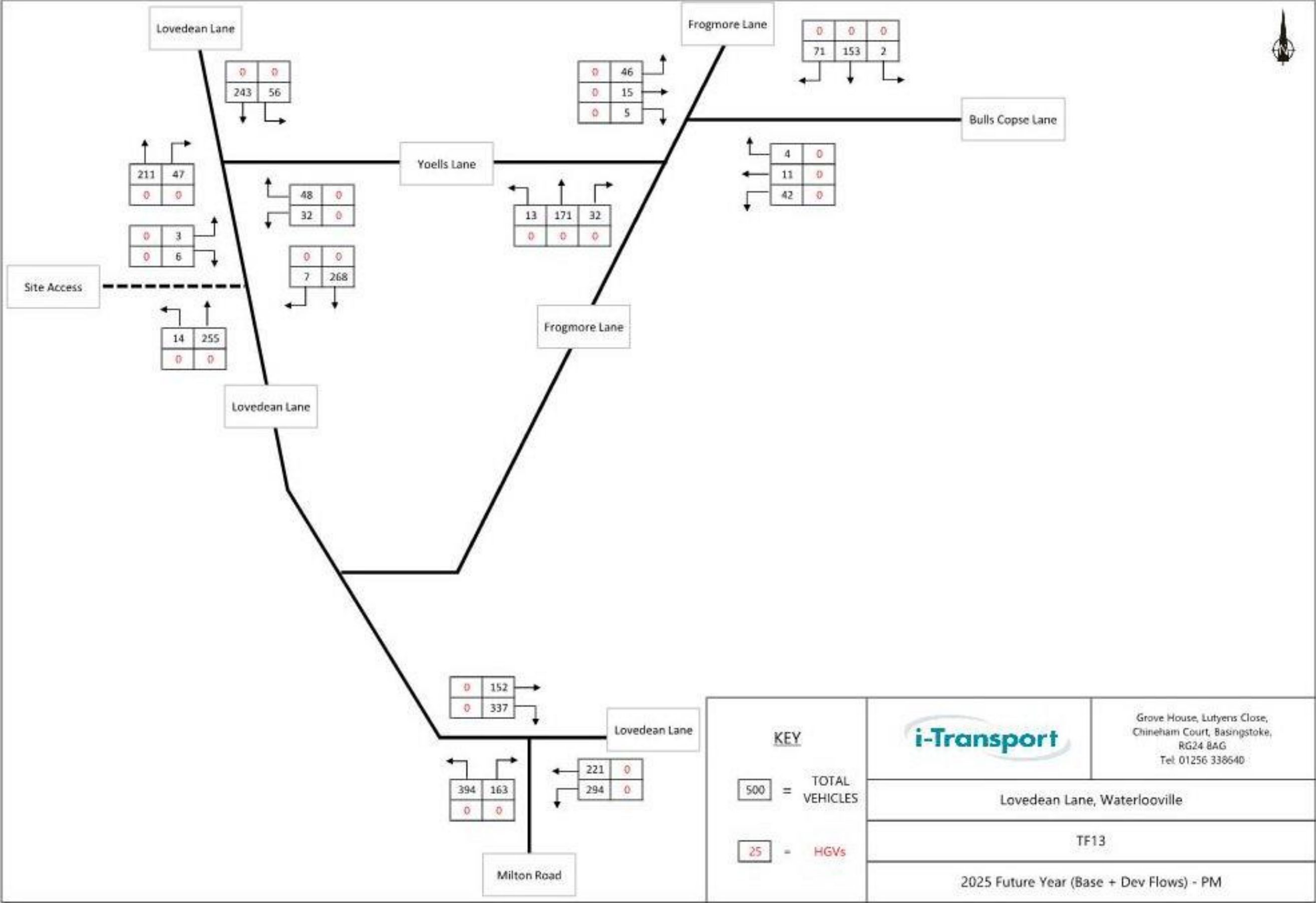
Development Assignment (AM) Two-way



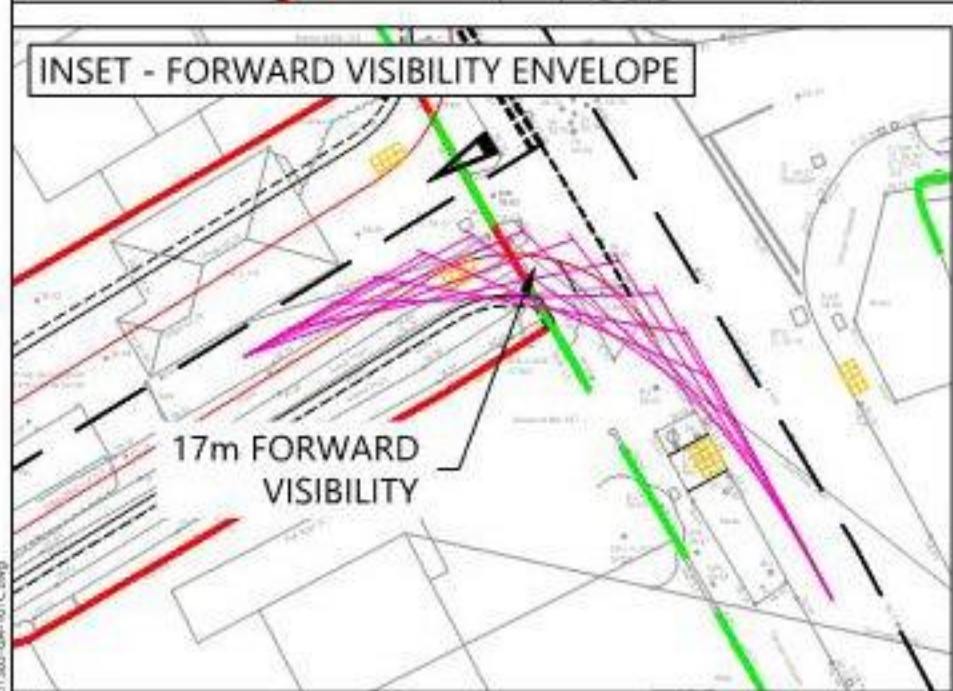
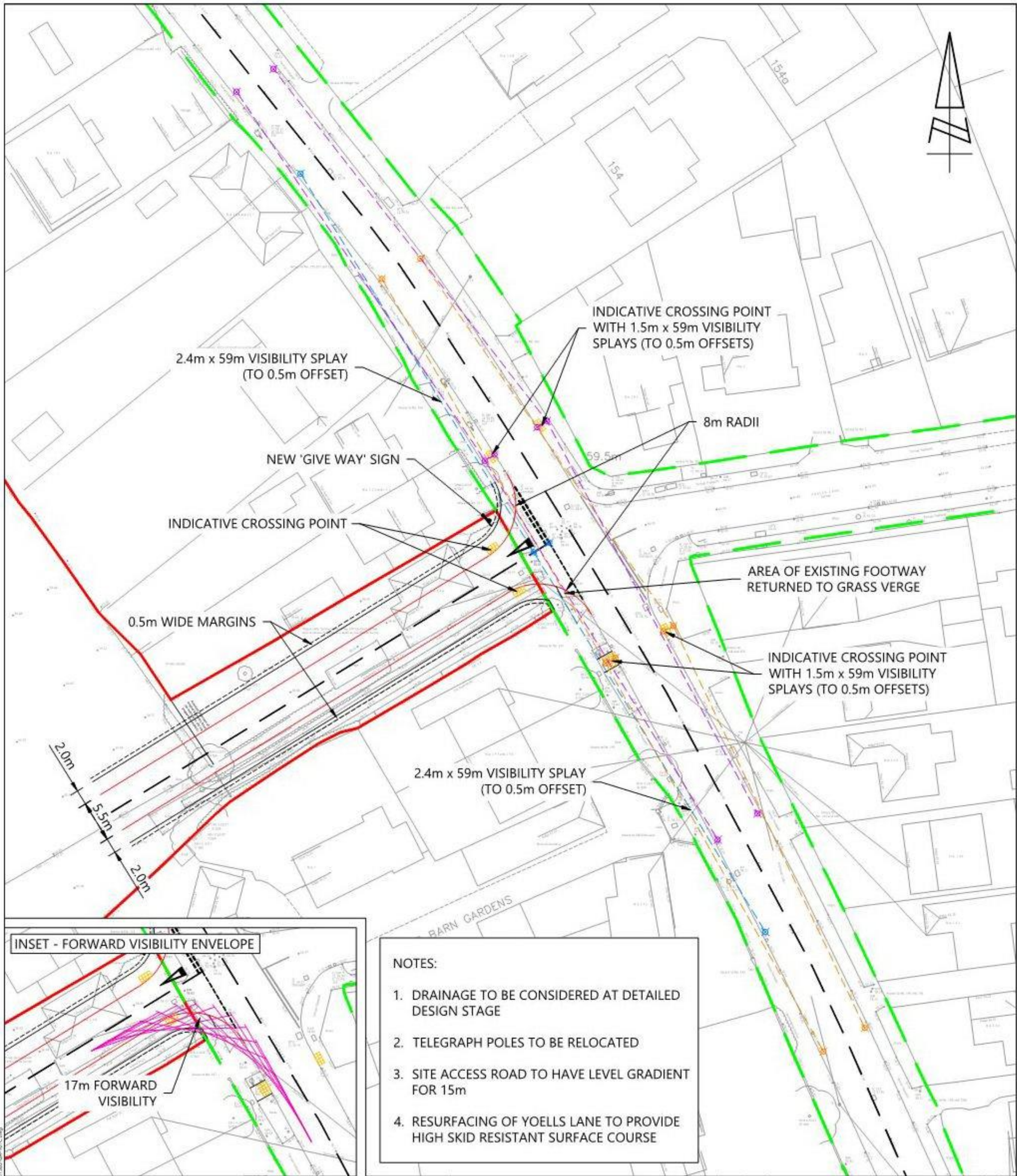






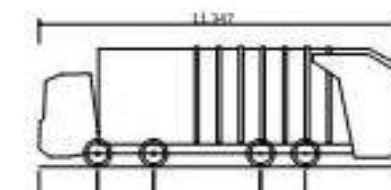


DRAWINGS



- NOTES:
1. DRAINAGE TO BE CONSIDERED AT DETAILED DESIGN STAGE
 2. TELEGRAPH POLES TO BE RELOCATED
 3. SITE ACCESS ROAD TO HAVE LEVEL GRADIENT FOR 15m
 4. RESURFACING OF YOELLS LANE TO PROVIDE HIGH SKID RESISTANT SURFACE COURSE

SCALE BAR @ 1:500		KEY:			
0 5 10 25 50		— SITE BOUNDARY			
		--- HIGHWAY BOUNDARY			
REPRODUCED FROM THE ORDNANCE SURVEY MAP WITH THE PERMISSION OF THE CONTROLLER OF HER MAJESTY'S STATIONERY OFFICE. LICENCE No. 100044286. © CROWN COPYRIGHT RESERVED.		CLIENT:			
DRAWING ISSUED FOR FEASIBILITY CONSIDERATION AND PLANNING PURPOSES ONLY. DRAWING NOT TO BE USED FOR CONSTRUCTION. I-TRANSPORT LLP ACCEPT NO RESPONSIBILITY FOR ERRORS MADE BY OTHERS IN SCALING FROM THIS DRAWING. MEASUREMENTS SHOULD BE TAKEN FROM FIGURED DIMENSIONS ONLY. CDM REQUIREMENTS CONSIDERED AT FEASIBILITY STAGE ONLY. FURTHER CONSIDERATIONS REQUIRED BY DETAILED DESIGN TEAM.		BARGATE HOMES			
i-Transport		PROJECT:			
Grove House, Lutyens Close, Chineham Basingstoke, Hampshire, RG24 BAG		LOVEDEAN LANE			
Tel: 01256 338640					
www.i-transport.co.uk					
		REV			
		C 23.01.20 JD ANNOTATIONS UPDATED		SJ	
		B 07.01.20 JD VISIBILITY SPLAYS ADDED		SJ	
		A 07.11.19 JD TOPO SURVEY ADDED		SJ	
		REV		DESCRIPTION	
		CHK		APD	
		STATUS:		FOR INFORMATION	
DRAWN:		CHECKED:		APPROVED:	
AB		SJ		JB	
PROJECT No:		SCALE @ A3:		DATE:	
ITB11383		1:500		16.03.16	
DRAWING No:				REV	
ITB11383-GA-101				C	



Large Refuse Vehicle (4 axle)
Overall Length 11.347m
Overall Width 2.500m
Overall Body Height 3.751m
Min Body Ground Clearance 0.304m
Track Width 2.500m
Lock-to-lock time 6.00s
Wall to Wall Turning Radius 11.330m

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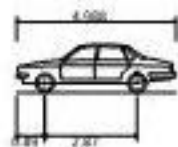


Grove House, Lutyens Close, Chineham
Basingstoke, Hampshire, RG24 8AG
Tel: 01256 338640
Fax: 01256 338644
www.i-transport.co.uk

REV	DATE	BY	DESCRIPTION	CHK	APD
A	07.11.19	JD	TOPO SURVEY ADDED	SJ	SJ
STATUS: FOR INFORMATION					

TITLE: SWEPT PATH ANALYSIS - REFUSE VEHICLE	
PROJECT: LOVEDEAN LANE	CLIENT: BARGATE HOMES

SCALE @ A2: 1:500	CHECKED: SJ	APPROVED: JB
FILE REF: ITB11383	DRAWN: AB	DATE: 16.03.16
DRAWING No: ITB11383-GA-102		
PROJECT No: ITB11383		REV: A



Large Car
Overall Length
Overall Width
Overall Body Height
Min Body Ground Clearance
Track Width
Lock to lock time
Kerb to Kerb Turning Radius

4.988m
1.793m
1.502m
0.287m
1.700m
4.00s
6.200m



KEY:
--- SITE BOUNDARY
--- HIGHWAY BOUNDARY

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STAGE ONLY. FURTHER CONSIDERATION REQUIRED BY DETAILED DESIGN TEAM.

SCALE BAR @ 1:250



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Basingstoke, Hampshire, RG24 8AG

Tel: 01256 338640
Fax: 01256 338644

www.i-transport.co.uk

A	07.11.19	JD	TOPO SURVEY ADDED	SJ	SJ
REV	DATE	BY	DESCRIPTION	CHK	APD
STATUS: FOR INFORMATION					

TITLE: SWEEP PATH OF LARGE PRIVATE CARS AT SIDE ROADS WITH TURNING VEHICLES	
PROJECT: LOVEDEAN LANE	CLIENT: BARGATE HOMES

SCALE @ A3: 1:250	CHECKED: SJ	APPROVED: JB
FILE REF: ITB11383	DRAWN: AB	DATE: 22.03.16
DRAWING No: ITB11383-GA-104		
PROJECT No: ITB11383		REV: A

APPENDIX A. HCC S278 Pre-Application Design Review Report



Lovedean Lane, Horndean

Pre-Application Design Review Report

Job No: R.J505862 (JZA1U)
Report No: R.J505862 -A



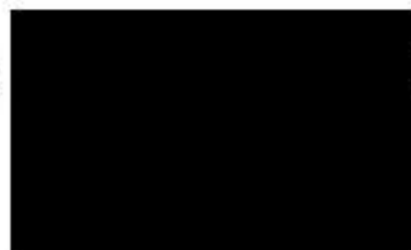
Stuart Jarvis BSc DipTP FCIHT MRTPI

Director of Economy, Transport and Environment, The Castle, Winchester

Scheme title

Prepared by: Dave O'Shea

Signed:



Date: 18/4/16

Checked by: Graham Redman

Signed:



Date: 18/4/16

Report issued to Development Planning

Officer Andrew Lubman

Date

18/4/16

REPORT EXPIRY DATE: April 2018

CONTENTS

1. Scheme Details	4
1.1. CONSULTANT DETAILS	4
1.2. DEVELOPER	4
1.3. SCHEME LOCATION	4
1.4. DESCRIPTION OF HIGHWAY IMPROVEMENTS	4
1.5. ESTIMATE	4
1.6. SUBMITTED INFORMATION	4
1.6.1. Drawings	4
1.6.2. Documents	4
2. Design Check Details	5
2.1. DATE DOCUMENTS RECEIVED FROM DEVELOPMENT PLANNING	5
2.2. DATE REVIEW MEETING WAS HELD	5
2.3. INTERNAL CONSULTATIONS	5
2.4. QUALITY OF DRAWINGS ETC. PROVIDED	5
3. Comments on Design	6
3.1. HORIZONTAL ALIGNMENT	6
3.2. VERTICAL ALIGNMENT	6
3.3. DRAINAGE	6
3.4. STREET LIGHTING	6
3.5. SIGHT VISIBILITIES	6
4. STATUTORY REQUIREMENTS	7
5. future submissions	8
5.1. GUIDANCE	8
5.2. CONSIDERATIONS	8
5.2.1. Officers	8
5.2.2. Preliminary Design Check	8
5.2.3. Combined Design Check	9
6. Recommendation on Proposals	11

1. Scheme Details

1.1. Consultant Details

Name: i-Transport
Address: Grove House, Lutyens Close, Chineham Court, Basingstoke RG24 8AG
Tel: 01256 316516
Contact: Steve Jenkins

1.2. Developer

Name: Bargate Home
Address: TBA

1.3. Scheme Location

Lovedean Lane at its junction with Yoells Lane

1.4. Description of Highway Improvements

New priority junction and pedestrian crossing facilities.

1.5. Estimate

Not provided.

1.6. Submitted Information

1.6.1. Drawings

Drawing no.	Rev	Drawing Title	Date Received
ITB11383-GA-101	-	Proposed priority junction	7/4/16
ITB11383-GA-102	-	Swept path analysis	7/4/16
ITB11383-GA-104	-	Swept path of large private cars at side roads with turning vehicles	7/4/16

1.6.2. Documents

Document no.	Rev	Document Title	Date Received
SJ/ITB11383-101 TN	-	Technical note – includes GA, RSA Stage 1, speed data, traffic data, traffic accident figures and swept paths	7/4/16

2. DESIGN CHECK DETAILS

2.1. Date documents received from Development Planning

7th April 2016

2.2. Date review meeting was held

Review meeting not necessary.

2.3. Internal Consultations

Informal discussions were held with safety Engineering as part of the review.

2.4. Quality of Drawings etc. provided

Drawings and documents provided are acceptable for Pre app design check to be undertaken.

3. COMMENTS ON DESIGN

3.1. Horizontal Alignment

Location of proposed priority junction is opposite the existing Yoells lane junction, thus creating a crossroads. Referring to Table 2/1 in TD42/95, a crossroads junction is considered an appropriate type of junction in this situation.

There is concern that the new junction may create a see through issue when approaching from the Yoells Lane arm, which is also raised in the Stage 1 Road Safety Audit.

The 85th percentile wet weather measured speeds are below 37.5mph, therefore Manual for Streets visibility standards apply. Appropriate junction visibility has been provided in relation to the recorded speeds.

3.2. Vertical Alignment

From site observation on the 15th April 2016, the proposed site access will have an uphill gradient approach. Referring to 3.6 and 3.7 TD42/95, a level section of 15m should be created adjacent to the major road.

The approach on Yoells lane arm to the major road has significant downhill approach, due to land constraints it is not feasible to re-grade the approach. However it should be considered at the Preliminary and detailed design stages, to resurface the approach of Yoells Lane with high skid resistant surface course. This should be at least 15m into the junction.

3.3. Drainage

Given the vertical alignment of Yoells Lane, naturally a significant amount of surface water falls towards Lovedean Lane. With the proposals creating a crossroads, the drainage at the entire crossroad junction should be assessed and upgraded as required at the preliminary and detailed design stages.

3.4. Street Lighting

An assessment of the street lighting should be undertaken at the Preliminary design stage and be in accordance with HCC's Street Lighting guidance.

3.5 Sight Visibilities

With the creation of a crossroads, the junction should be unobscured by any significant street furniture such as Telegraph poles which are currently sited within the junction area. In addition, parking restrictions should be considered to ensure that junction intervisibility is provided between all arms and proposed pedestrian crossing points.

4. STATUTORY REQUIREMENTS

Orders. (line / side road)	N / A
Compulsory Purchase Orders.	N / A
Traffic Regulation Orders.	N / A
Parking Restriction Orders.	YES – Refer to comments in sight visibilities in section 3.4
Road Hump Regulation Consultations.	N / A
Public Consultation.	Yes – All adjacent properties should be consulted regarding the junction proposals.
Hedgerow Regulation Act.	N / A
Footway Conversion	N / A

The process of any Statutory requirements will not be commenced until a written request is received from the Consultant; this should include an undertaking to pay all costs incurred.

Consultant to note that the procedure for dealing with any Statutory Requirements will normally take some four to six months, but in exceptional circumstances could exceed nine months. The scheme programme should take this into account.

Initial contact should be made with the Assistant Service Manager for Area

Office	Tel	Email
North	01256 764455	highways-transport.north@hants.gov.uk ☐
East	01730 235800	highways-transport.east@hants.gov.uk ☐
South	01329 824757	highways-transport.south@hants.gov.uk ☐
West	023 8066 3311	highways-transport.west@hants.gov.uk

5. FUTURE SUBMISSIONS

5.1. Guidance

Consultant shall note that any future preliminary, combined or detail design submissions must be made in accordance with HCC's Section 278 Technical Submission Guidance, which can be found together with other important information for developers at;

<http://www3.hants.gov.uk/roads/highways-developers/construction-standards.htm>

5.2. Considerations

The comments below are to assist the Consultant in future submissions.

5.2.1. Officers

It is suggested that the proposed access is located far south as possible, this would move the junction away from the sightline from the straight section of Yoells lane. In addition, signing and roadmarking measures should be introduced to highlight that there is a Give way priority junction ahead.

During the preliminary design stage, consultant should identify bus routes (including local school routes) and gritting routes and consultant with the relevant body regarding the proposals.

5.2.2. Preliminary Design Check

Sight visibilities / Land Plan

Consultant to confirm that all land required for visibility splays will be dedicated to the Highway Authority. A plan showing extent of existing highway, new development land for adoption and any third party land required is required.

Departures from DMRB / HCC Standards.

The Consultant is to provide an explanation of the case for inclusion of any departures or relaxation's to standards proposed, together with an assessment of risks involved in adopting such proposals, along with any mitigation measures proposed. An independent safety auditor's comment is also required.

The developer shall note that departures or relaxations will not be approved if their inclusion is considered inappropriate. Where proposals have been recommended for approval which are subsequently found to contain 'departures from standards' not previously indicated by the Developers Consultant it must be noted that acceptance of retrospective applications cannot be guaranteed.

Traffic speed surveys

The existing speed limit is to be confirmed. The 85th%ile speed of the site required if any Departures from Standard are included within proposals or if Consultant is applying Manual for Streets criteria.

Accident History Report.

The Consultant shall provide a narrative of the Accident History Report (5 years) from Hampshire Constabulary, contact the Force Statistical Officer (0845 045 4545) and identify any trends that are addressed by the proposals or that could exacerbated.

5.2.3. Combined Design Check

HCC Standard Detail Drawing/Specification

The Consultant shall provide a list of HCC Standard Details, including Revision suffix, relevant to the works. It should be noted that

The latest HCC standard details may be found at:

<http://www3.hants.gov.uk/roads/highways-developers/construction-standards/standard-details.htm>

Also, for all but the smallest schemes a Contract Document will be required. The Consultant must confirm they have based their specification on the latest HCC model contract document. This specification can be supplied, but will need to be made "scheme specific".

Road Markings and Signing

Submission to be in accordance with the Traffic Sign Regulations & General Directions and any Highway Authority's requirements. A fully detailed sign schedule will be required for larger schemes.

Pavement Design.

The Sub-Base shall be recycled granular material in accordance with HCC Clauses 891AR or 892 AR (Hampshire County Council Master Contract Documents). Virgin crushed rock Sub-Base may only be used where it can be demonstrated that recycled or secondary materials are not available locally.

Furthermore, during the first week of construction work equilibrium CBR values shall be established.

Street Lighting Proposals.

The consultant should note that Southern Electric Contracting will not undertake any servicing works until a 'Certificate of Approval for Illuminated Street Furniture Installation' has been signed the HCC Street Lighting Engineer.

It is a requirement of the Consultant to consult the relevant Local Lighting Authority regarding any proposals. Written confirmation of the consultation will be required prior to commencement of works on site.

<http://www3.hants.gov.uk/index/your-area/localpages/districts.htm> or

<http://www3.hants.gov.uk/index/council/localgov/parish.htm>

Drainage Proposals.

To promote the use of recycled plastic, please consider HAPAS certified recycled plastics, such as twinwall drainage piping. Installation of such piping should be installed as per manufacturers recommendations.

Jetting of new drainage runs may be necessary at end of contract, in order to ensure all new pipe-work is free of debris and free running.

6. RECOMMENDATION ON PROPOSALS

RECOMMENDED TWO STAGE APPROACH