

October 4, 2020



Coventry North – Options Modelling Outputs

October 2020



Section 1- Introduction

Introduction

- WSP commissioned to model 6 CNTP (Coventry North Transport Packages) in forecast year CASM 2041, in AM & PM Peaks.
- Corresponding Assumptions Log (issued 2020.08.28) contains details of modelling assumptions of each highway scheme composing each of the transport packages.

CNTP Optioneering Results

The structure of CNTP Optioneering Results slides is as follows:

- Section 2 – Packages Definition
- Section 3 – Difference Flow Analysis
- Section 4 – Node Delay Analysis
- Section 5 – Journey Route Time Analysis
- Section 6 – Network Statistics
- Section 7 – Journey Time Skims Sector Analysis
- Section 8 – Select Link Analysis
 - M6 J3
 - New M6 Junction and Link Road
 - KLR

Section 2- Packages Definition

Package Definitions

Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1	Partial Link Road (C-KLR-2)	-	New jct at Corley plus Link Road to Eastern Green (S-NM6J-1 + S-NM6J-5)	-	-	North-facing slip roads onto A444 (S-NRS-1)
1_A1	Alignment 2 (C-KLR-4)	-	New jct at Corley plus Link Road to Eastern Green (S-NM6J-1 + S-NM6J-5)	-	-	North-facing slip roads onto A444 (S-NRS-1)
1_A2	Alignment 2a (C-KLR-5)	-	New jct at Corley plus Link Road to Eastern Green (S-NM6J-1 + S-NM6J-5)	-	-	North-facing slip roads onto A444 (S-NRS-1)
2_A1	Alignment 2 (C-KLR-4)	-	New jct at B4102 plus Link Road to Meriden (S-NM6J-3 +	Bridge on Blackhorse Rd (C-HLC-2)	-	-
3	Alignment 2 (C-KLR-4)	Free-flow left-turn slips (C-M6J3-4)	-	Bridge on Blackhorse Rd (C-HLC-2)	Free-flow left turn lane from Winding House Ln NB (S-RGI-	-
4_A1	Alignment 2 (C-KLR-4)	Hamburger-style layout + Free-flow left turn slips (C-M6J3-3)	-	Link to Stephenson Rd (C-HLC-3)	A444 flyover (S-RGI-2)	North-facing slip roads onto A444 (S-NRS-1)
5	Alignment 2a (C-KLR-5)	Close B4113 arm (C-M6J3-7)	-	Link to Stephenson Rd (C-HLC-3)	Hamburger-style layout (S-RGI-3)	North-facing slip roads onto A444 (S-NRS-1)
6	Alignment 2a (C-KLR-5)	A444 tunnel (C-M6J3-5)	-	Optimisation of level crossing signals (C-HLC-4)	Free-flow left turn lane from Winding House Ln NB (S-RGI-1)	-

P1 : CNTP Highway Schemes in Orange



Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1	Partial Link Road (C-KLR-2)	-	New jct at Corley plus Link Road to Eastern Green (S-NM6J-1 + S-NM6J-5)	-	-	North-facing slip roads onto A444 (S-NRS-1)

P2_A1 : CNTP Highway Schemes in Orange



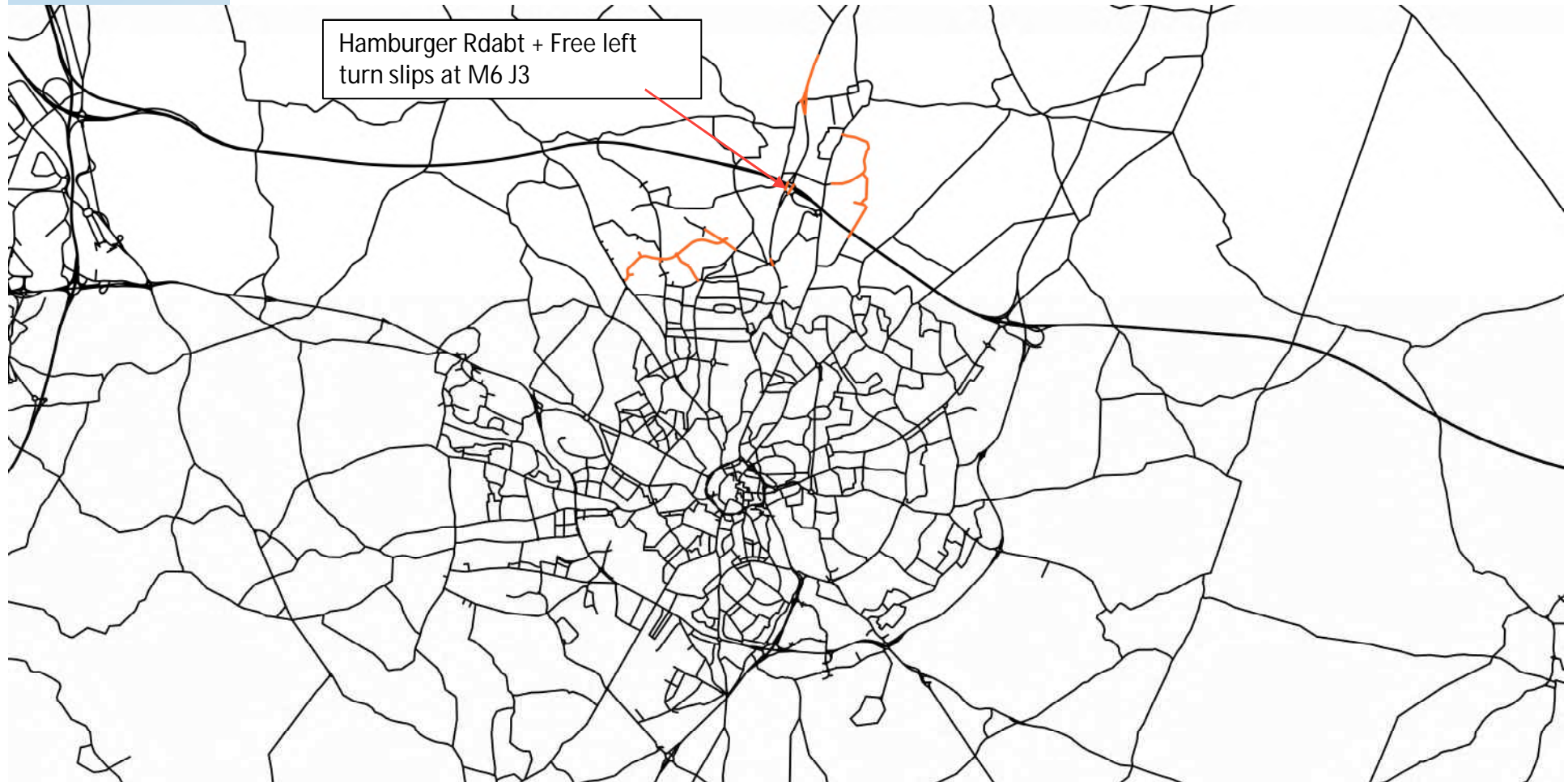
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
2	<u>Alignment 2</u> (C-KLR-4)		<u>New jct at B4102 plus Link Road to Meriden (S-NM6J-3 + S-NM6J-6)</u>	<u>Bridge on Blackhorse Rd (C-HLC-2)</u>		

P3 : CNTP Highway Schemes in Orange



Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
3	<u>Alignment 2 (C-KLR-4)</u>	<u>Free-flow left-turn slips (C-M6J3-4)</u>		<u>Bridge on Blackhorse Rd (C-HLC-2)</u>	<u>Free-flow left turn lane from Winding House Ln NB (S-RG1-</u>	

P4_A1 : CNTP Highway Schemes in Orange



Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
4.1	<u>Alignment 2</u> (C-KLR-4)	<u>Hamburger-style layout + New Slips</u> (C-M6J3-3)		<u>Link to Stephenson Rd (C-HLC-3)</u>	<u>A444 flyover</u> (S-RGI-2)	<u>North-facing slip roads onto A444</u> (S-NRS-1)

P5 : CNTP Highway Schemes in Orange



Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
5	Alignment 2a (C-KLR-5)	Close B4113 arm (C-M6J3-7)		Link to Stephenson Rd (C-HLC-3)	Hamburger-style layout (S-RGI-3)	North-facing slip roads onto A444 (S-NRS-1)

P6 : CNTP Highway Schemes in Orange



Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
6	Alignment 2a (C-KLR-5)	A444 tunnel (C-M6J3-5)		Optimisation of level crossing signals (C-HLC-4)	Free-flow left turn lane from Winding House Ln NB (S-RGI-1)	

Section 3: Difference Flow Analysis

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Difference Flow Analysis Summary (AM/PM)

- P1 (Partial Link Rd) / P1_A1 (Opt 2)/ P1_A2 (Opt 2A)
 - Does not make significant impact either with partial or full KLR
 - Local and Strategic Impacts
 - Reduction traffic on Holbrook Area
 - Local NW traffic using new junction and link road
 - Some strategic traffic from M42 to M6 divert using A45 to M6 via new link road to M6 Corley Jnc
 - Less congestion on M6 J3, allows more traffic to pass through the junction.
- P2A_1
 - More local than strategic impacts compared to P1
 - Local
 - Reduction traffic on Holbrook Area
 - Local NW traffic using KLR to access M6 J3 to M6 EB and new M6 Junction to M6 WB
 - Strategic
 - Benefit to Solihull East M6 EB traffic divert from M42 using to A45 via new link road to the new M6 junction

Difference Flow Analysis Summary (AM/PM)

- P3
 - Local traffic impacts
 - KLR and Rowley Left slips results reduction of of traffic on Holbrook Area
 - Slips at M6 J3, improves congestion and allow more traffic to pass through the junction.
- P4_A1
 - Local traffic impacts
 - KLR results reduction of of traffic on Holbrook Area
 - M6 J3 (Hamburger Rd & Left Slips)
 - M6 J3Left Slips improves A444 to Rowleys Grn NB traffic in AM and SB direction in PM peak
 - Hamburger improves capacity but not as much compared to P3.
 - Could be improved if detailed signals and design layout taken into consideration
 - Rowley Green (Flyover)
 - Improve flow at the junction
- P5
 - Local traffic impacts
 - KLR results reduction of of traffic on Holbrook Area
 - M6 J3 (Close B4113 Arm)
 - Improvements M6 J3 capacity
 - Rowley Green (Hamburger Roundabout)
 - Additional flows at junction (additional delays with new signals)

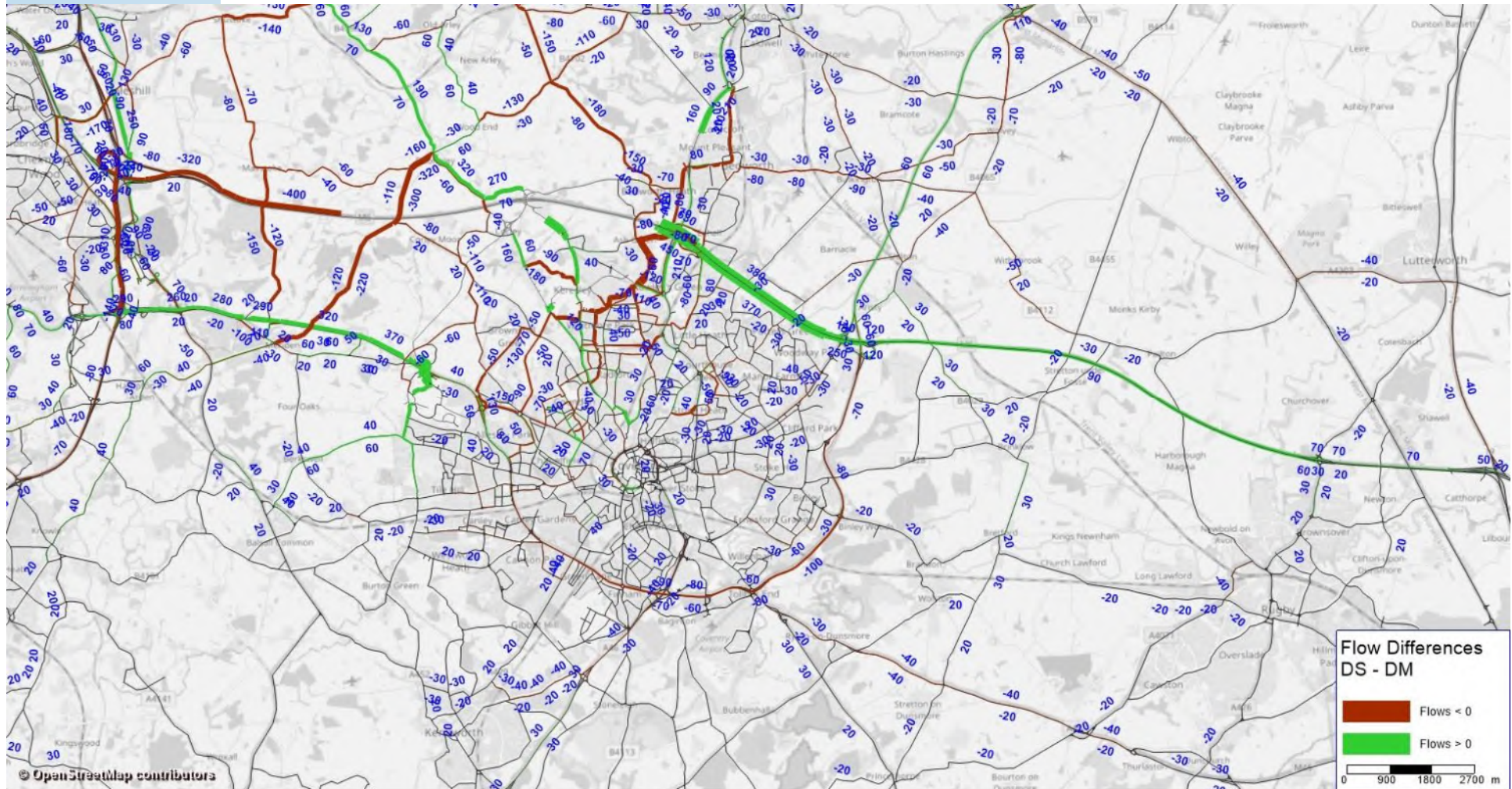
Difference Flow Analysis Summary (AM/PM)

- P6
 - Local traffic impacts
 - KLR and Rowley Left slips results reduction of of traffic on Holbrook Area
 - M6 J3 (A444 Tunnel)
 - Improves capacity at M6 J3
 - Less delay at signalised junction

AM Peak

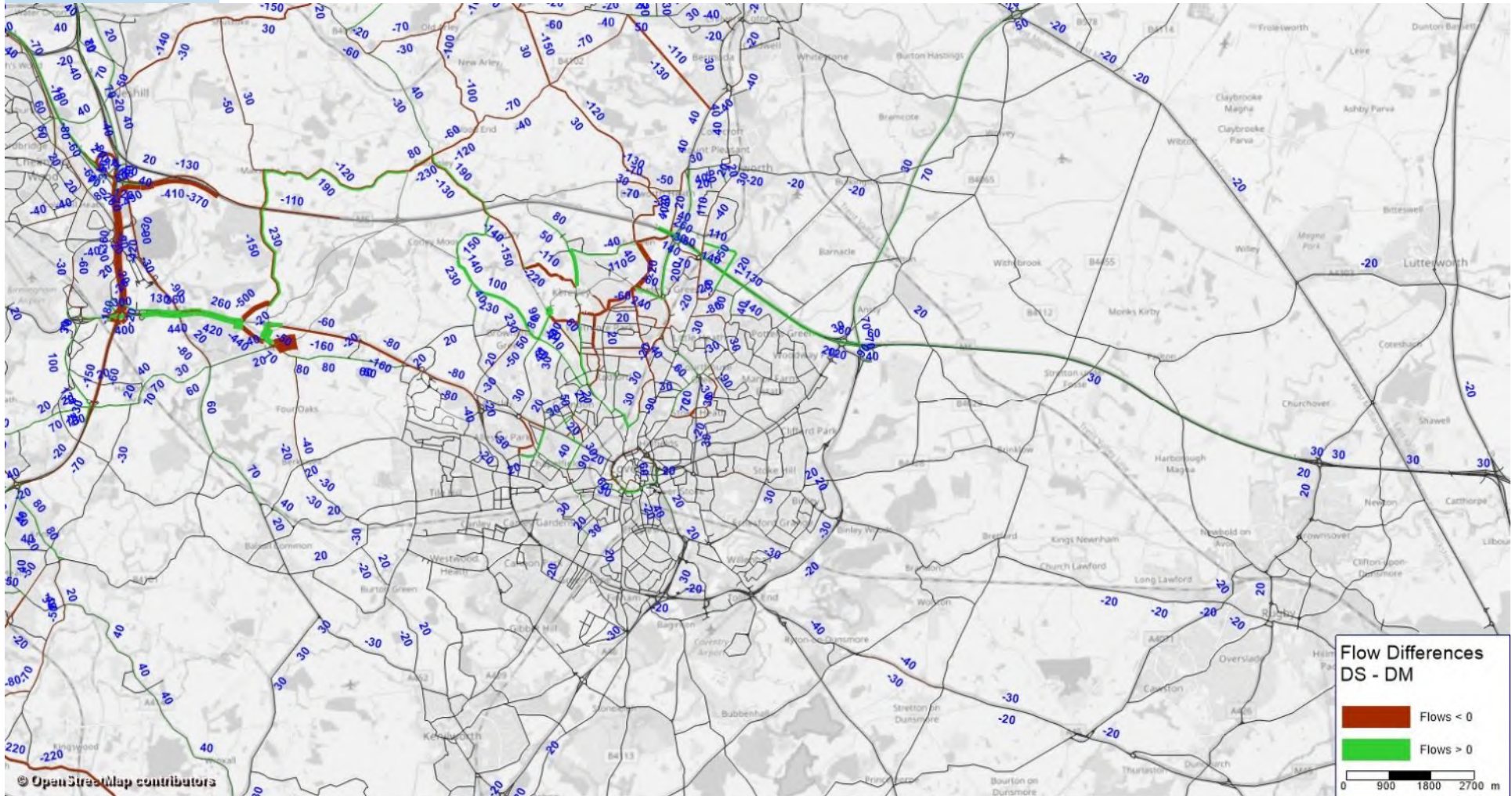
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P1_A1 : Flow Difference vs DM (AM Peak) New Links in DS Hidden



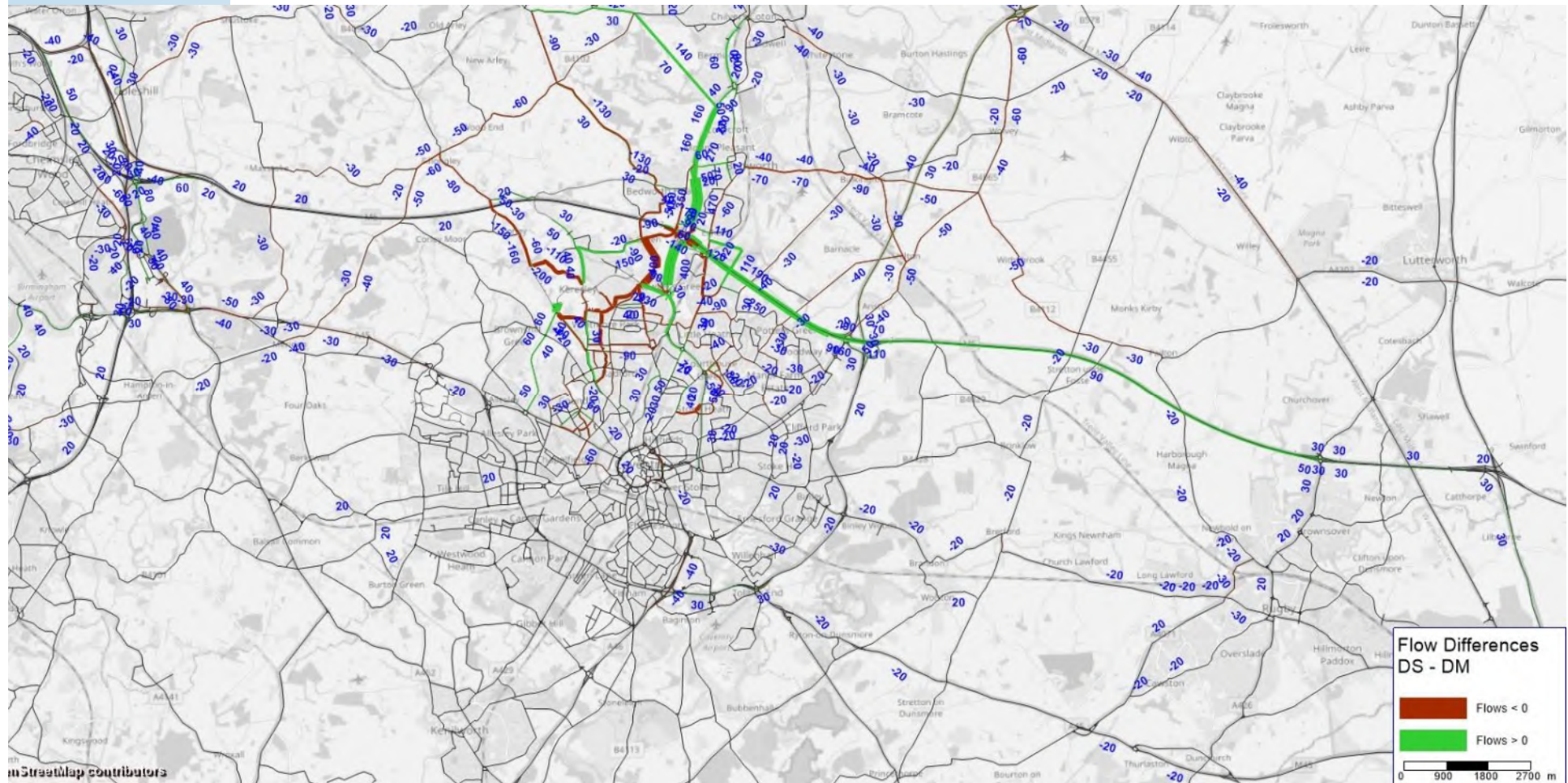
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1-A1	Full KLR Alignment 2		New jct at Corley plus Link Road to Eastern Green (S-NM6J-1 + S-NM6J-5)			North-facing slip roads onto A444 (S-NRS-1)

P2_A1 : Flow Difference vs DM (AM Peak) New Links in DS Hidden



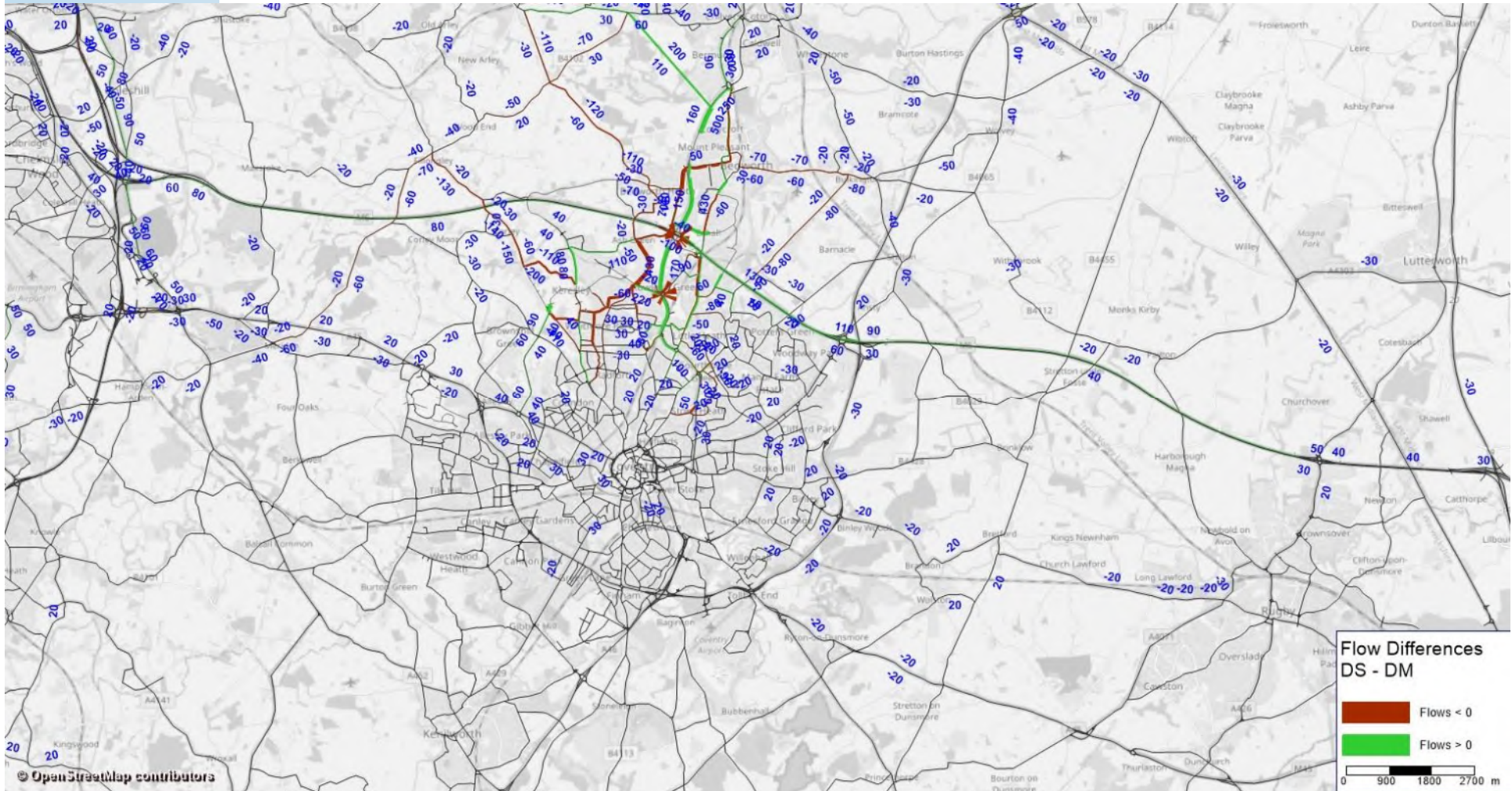
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
2	Alignment 2 (C-KLR-4)		New jct at B4102 plus Link Road to Meriden (S-NM6J-3 + S-NM6J-6)	Bridge on Blackhorse Rd (C- HLC-2)		

P3 : Flow Difference vs DM (AM Peak) New Links in DS Hidden



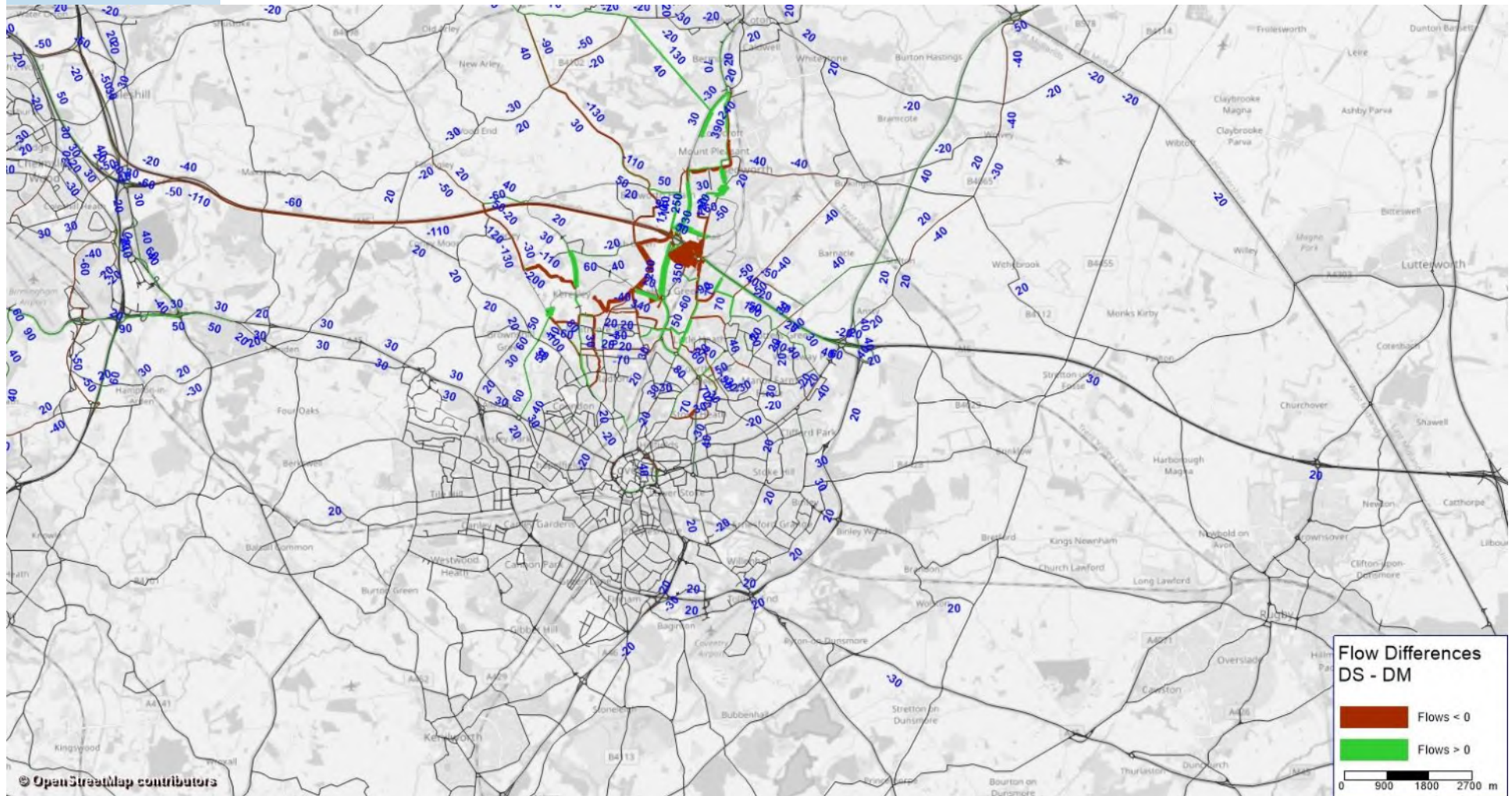
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
3	<u>Alignment 2 (C-KLR-4)</u>	<u>Free-flow left-turn slips (C-M6J3-4)</u>		<u>Bridge on Blackhorse Rd (C-HLC-2)</u>	<u>Free-flow left turn lane from Winding House Ln NB (S-RG1-</u>	

P4_A1 : Flow Difference vs DM (AM Peak) New Links in DS Hidden



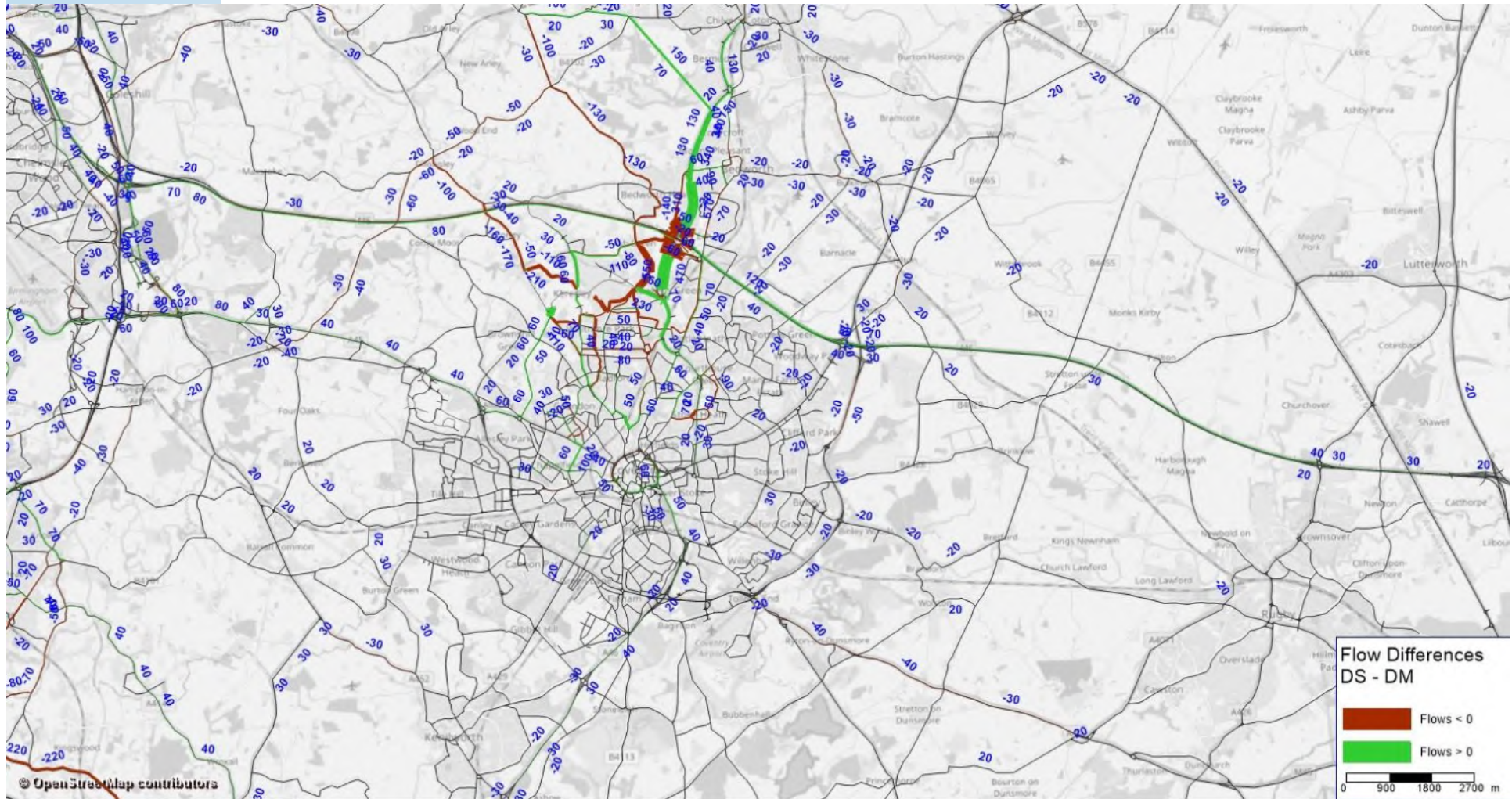
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
4.1	<u>Alignment 2</u> (C-KLR-4)	<u>Hamburger-style layout + New Slips</u> (C-M6J3-3)		<u>Link to Stephenson Rd (C-HLC-3)</u>	<u>A444 flyover</u> (S-RGI-2)	<u>North-facing slip roads onto A444</u> (S-NRS-1)

P5 : Flow Difference vs DM (AM Peak) New Links in DS Hidden



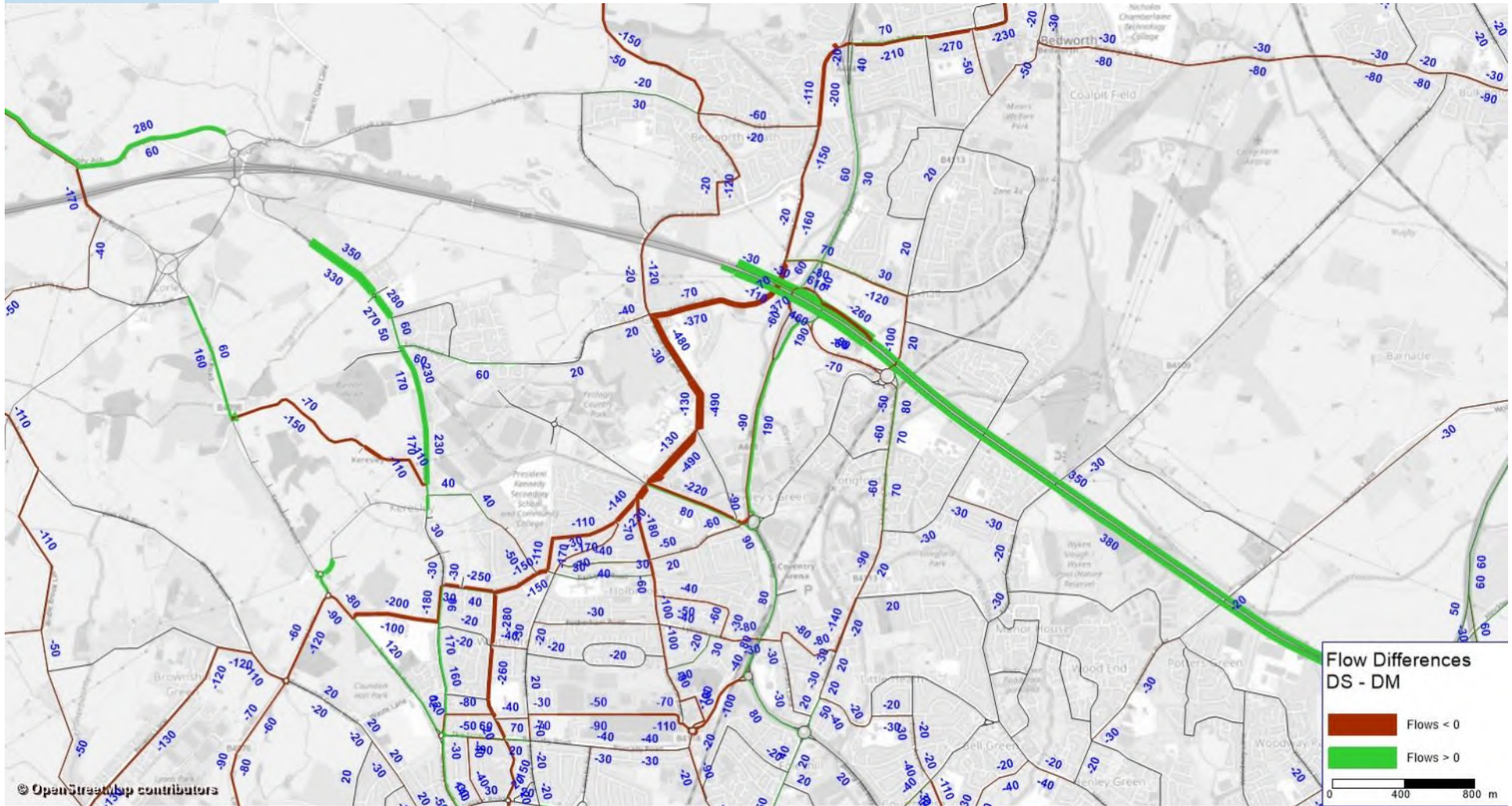
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
5	Alignment 2a (C-KLR-5)	Close B4113 arm (C-M6J3-7)		Link to Stephenson Rd (C-HLC-3)	Hamburger-style layout (S-RGI-3)	North-facing slip roads onto A444 (S-NRS-1)

P6 : Flow Difference vs DM (AM Peak) New Links in DS Hidden



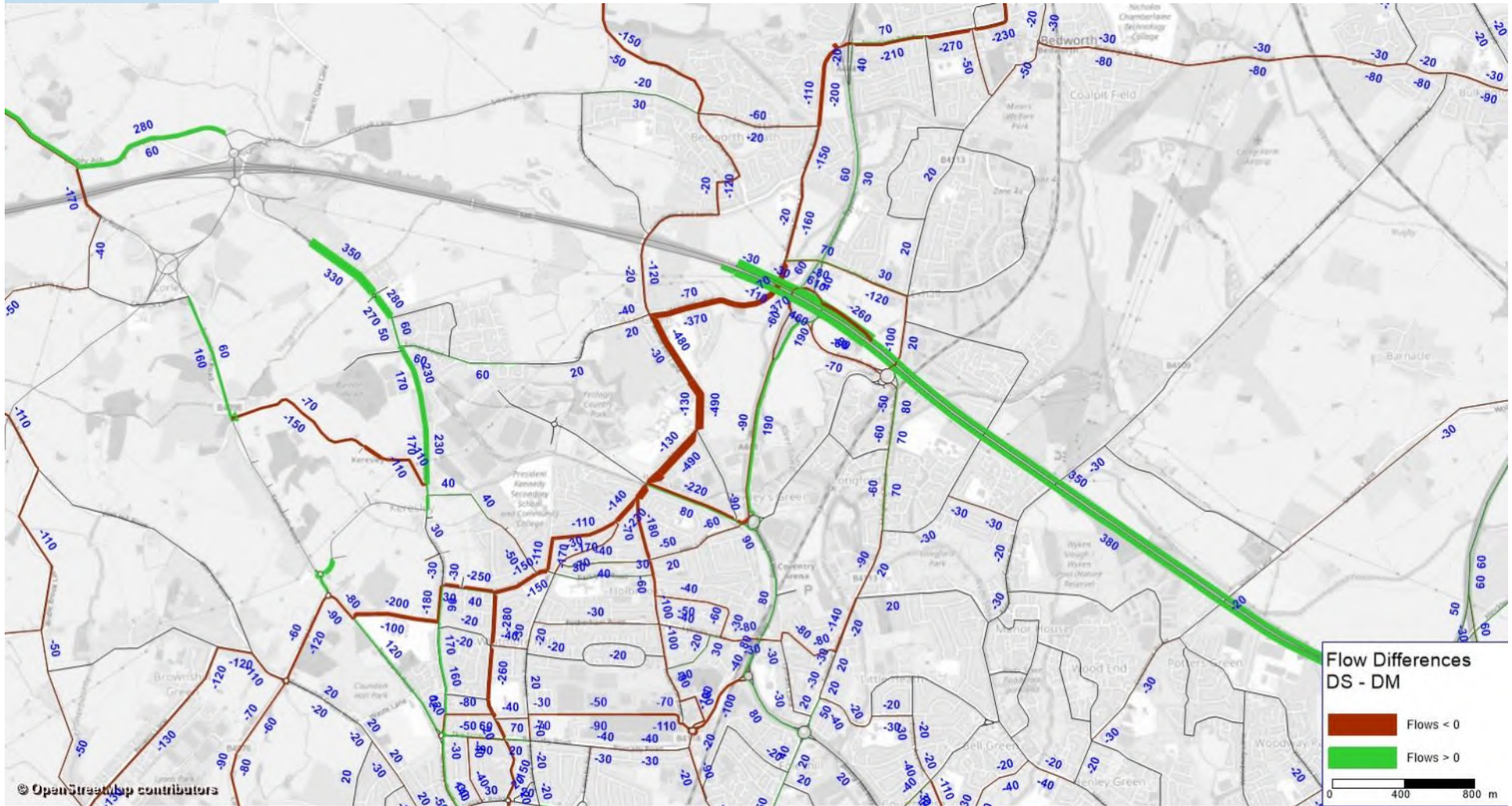
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
6	Alignment 2a (C-KLR-5)	A444 tunnel (C-M6J3-5)		Optimisation of level crossing signals (C-HLC-4)	Free-flow left turn lane from Winding House Ln NB (S-RG1-1)	

P1 (M6 J3) : Flow Difference vs DM (AM Peak) New Links in DS Hidden



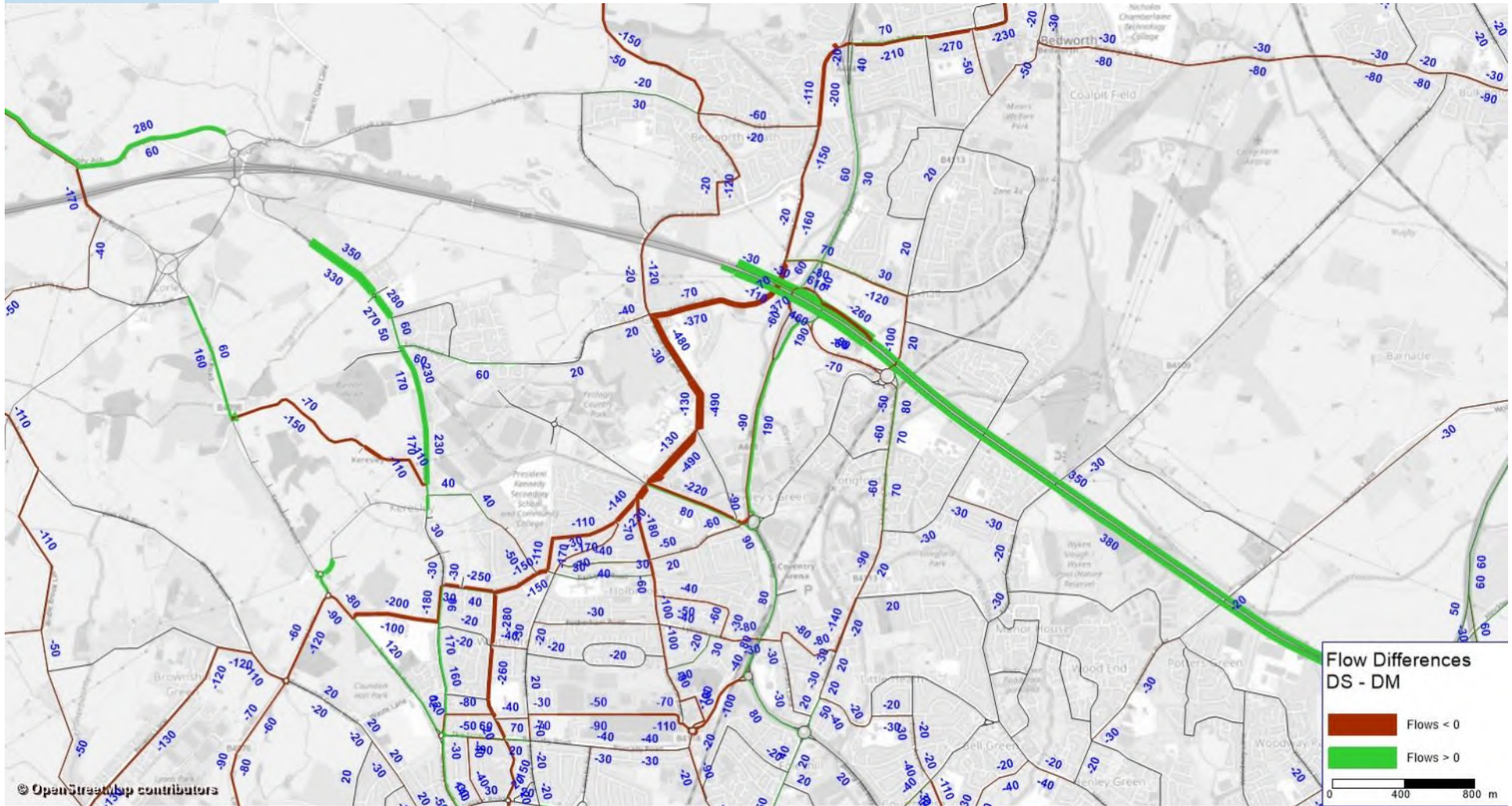
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1	Partial Link Road (C-KLR-2)		New jct at Corley plus Link Road to Eastern Green (S-NM6J-1 + S-NM6J-5)			North-facing slip roads onto A444 (S-NRS-1)

P1 (M6 J3) : Flow Difference vs DM (AM Peak) New Links in DS Hidden



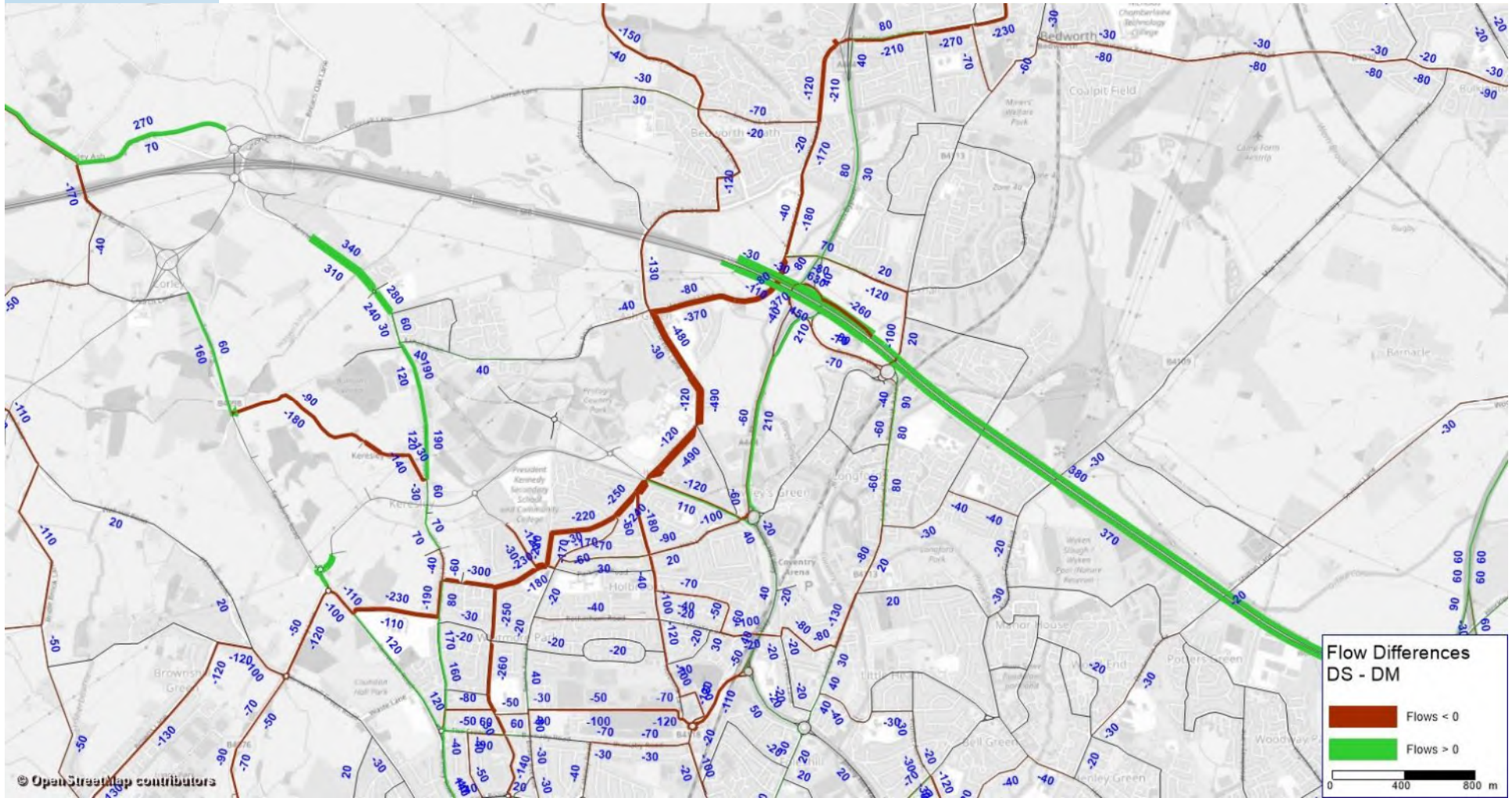
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1	Partial Link Road (C-KLR-2)		New jct at Corley plus Link Road to Eastern Green (S-NM6J-1 + S-NM6J-5)			North-facing slip roads onto A444 (S-NRS-1)

P1 (M6 J3) : Flow Difference vs DM (AM Peak) New Links in DS Hidden



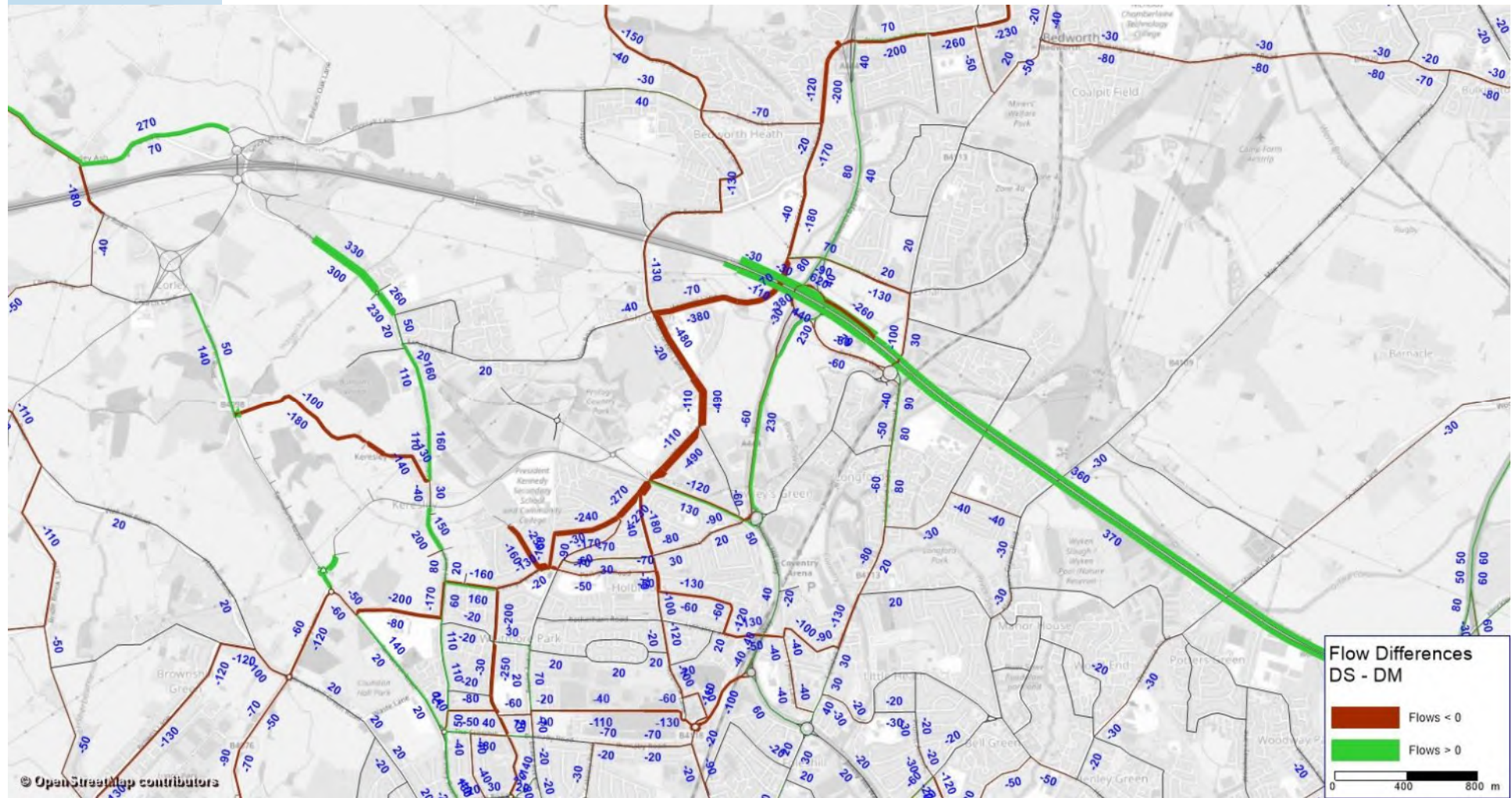
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1	Partial Link Road (C-KLR-2)		New jct at Corley plus Link Road to Eastern Green (S-NM6J-1 + S-NM6J-5)			North-facing slip roads onto A444 (S-NRS-1)

P1_A1 (M6 J3) : Flow Difference vs DM (AM Peak) New Links in DS Hidden



Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1-A1	Full KLR Alignment 2		New jct at Corley plus Link Road to Eastern Green (S-NM6J-1 + S-NM6J-5)			North-facing slip roads onto A444 (S-NRS-1)

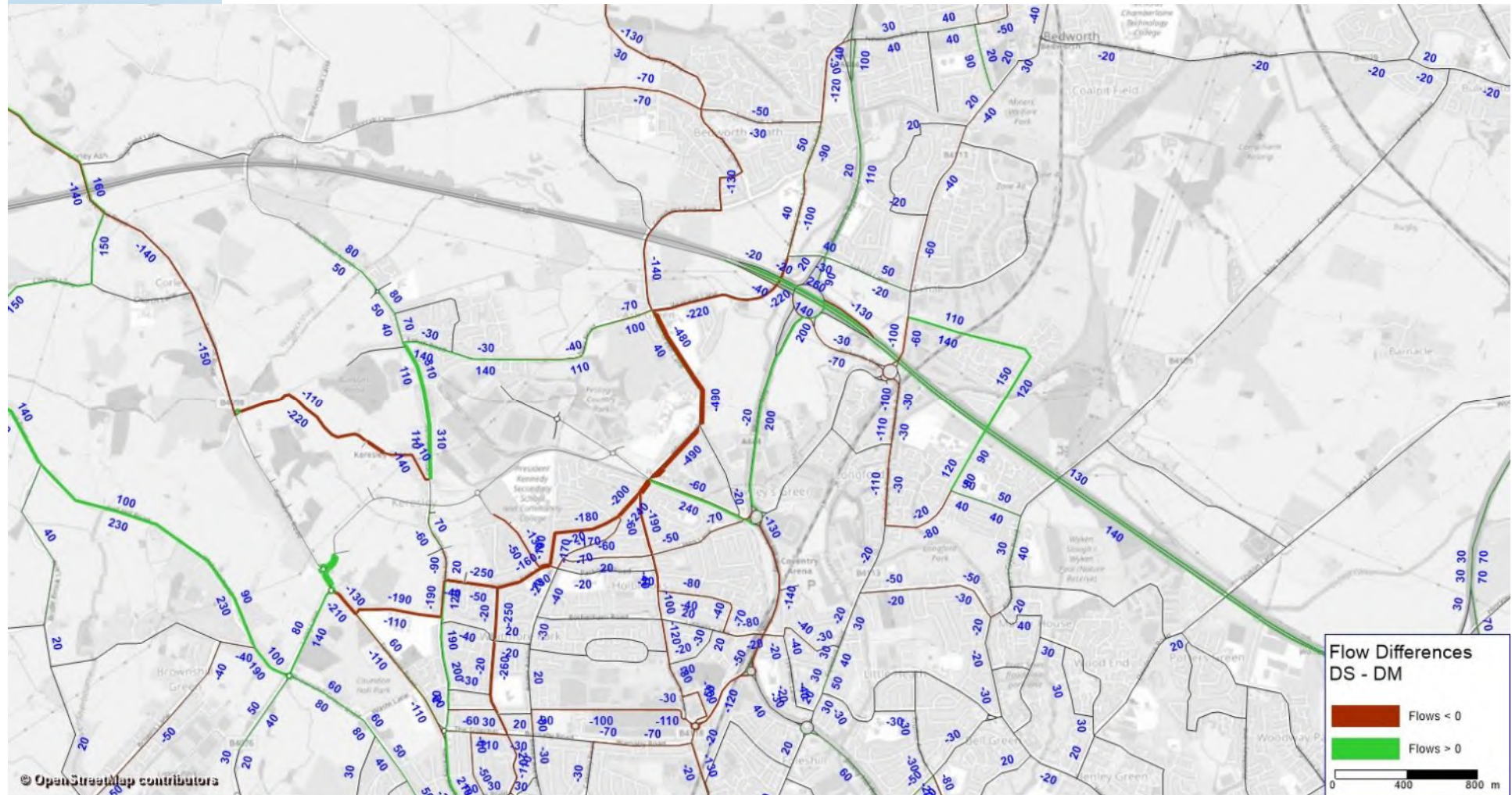
P1_A2 (M6 J3) : Flow Difference vs DM (AM Peak) New Links in DS Hidden



Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1	Full KLR Alignment 2A		New jct at Corley plus Link Road to Eastern Green (S-NM6J-1 + S-NM6J-5)			North-facing slip roads onto A444 (S-NRS-1)

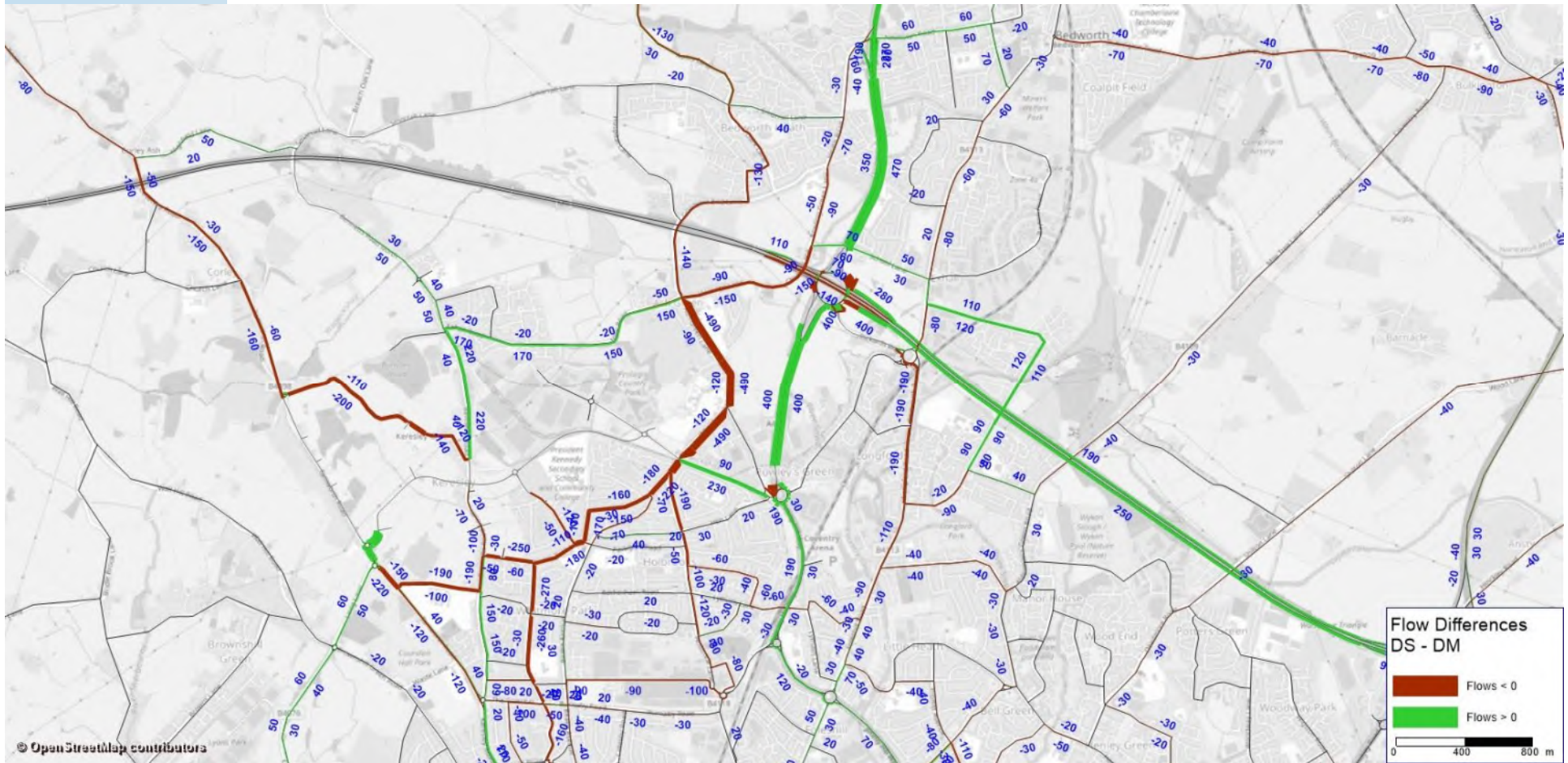
P2_A1 (M6 J3): Flow Difference vs DM (AM Peak)

New Links in DS Hidden



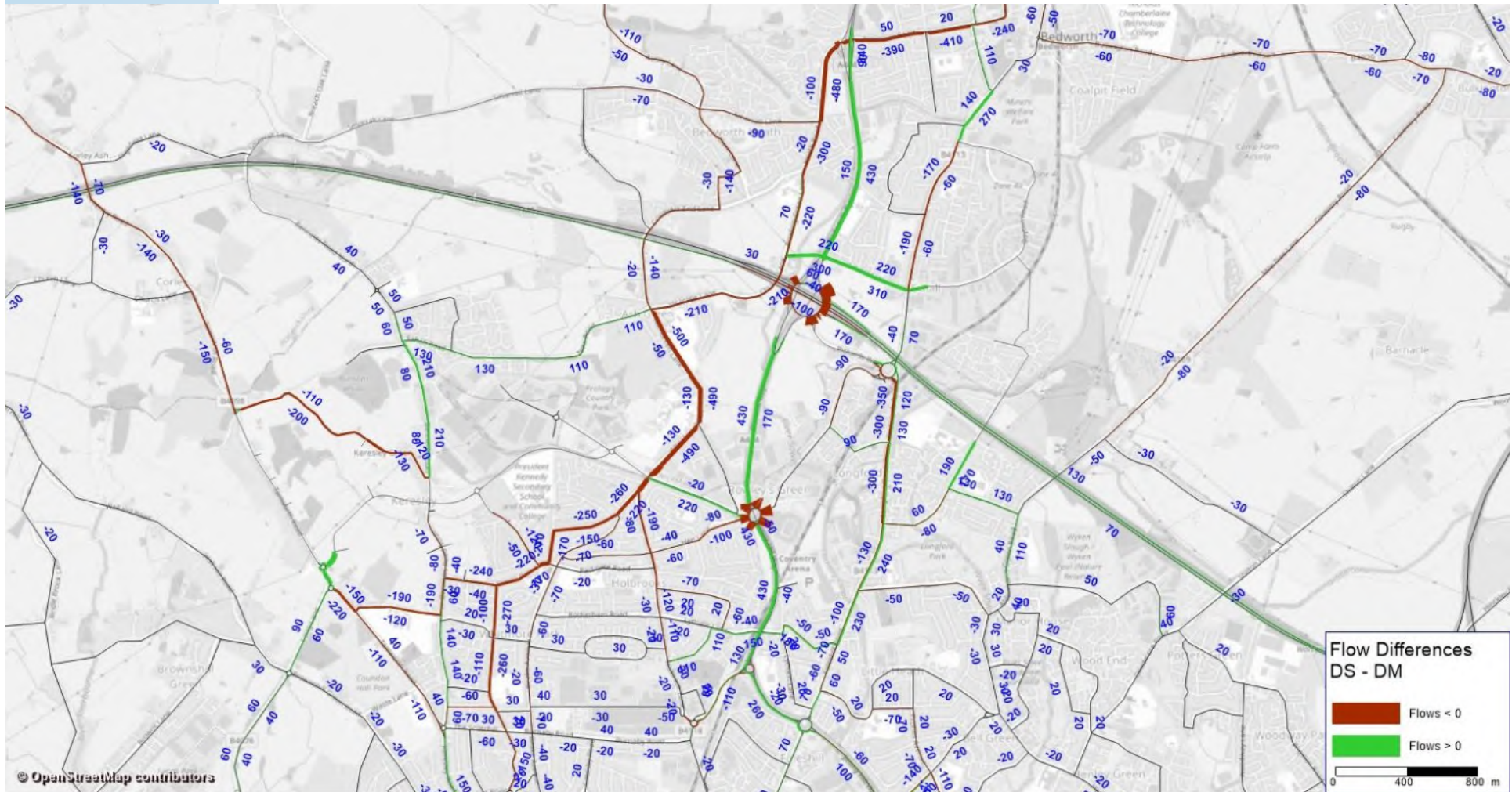
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
	Alignment 2 (C-KLR-4)		New jct at B4102 plus Link Road to Meriden (S-NM6J-3 + S-NM6J-6)	Bridge on Blackhorse Rd (C- HLC-2)		

P3 (M6 J3) : Flow Difference vs DM (AM Peak) New Links in DS Hidden



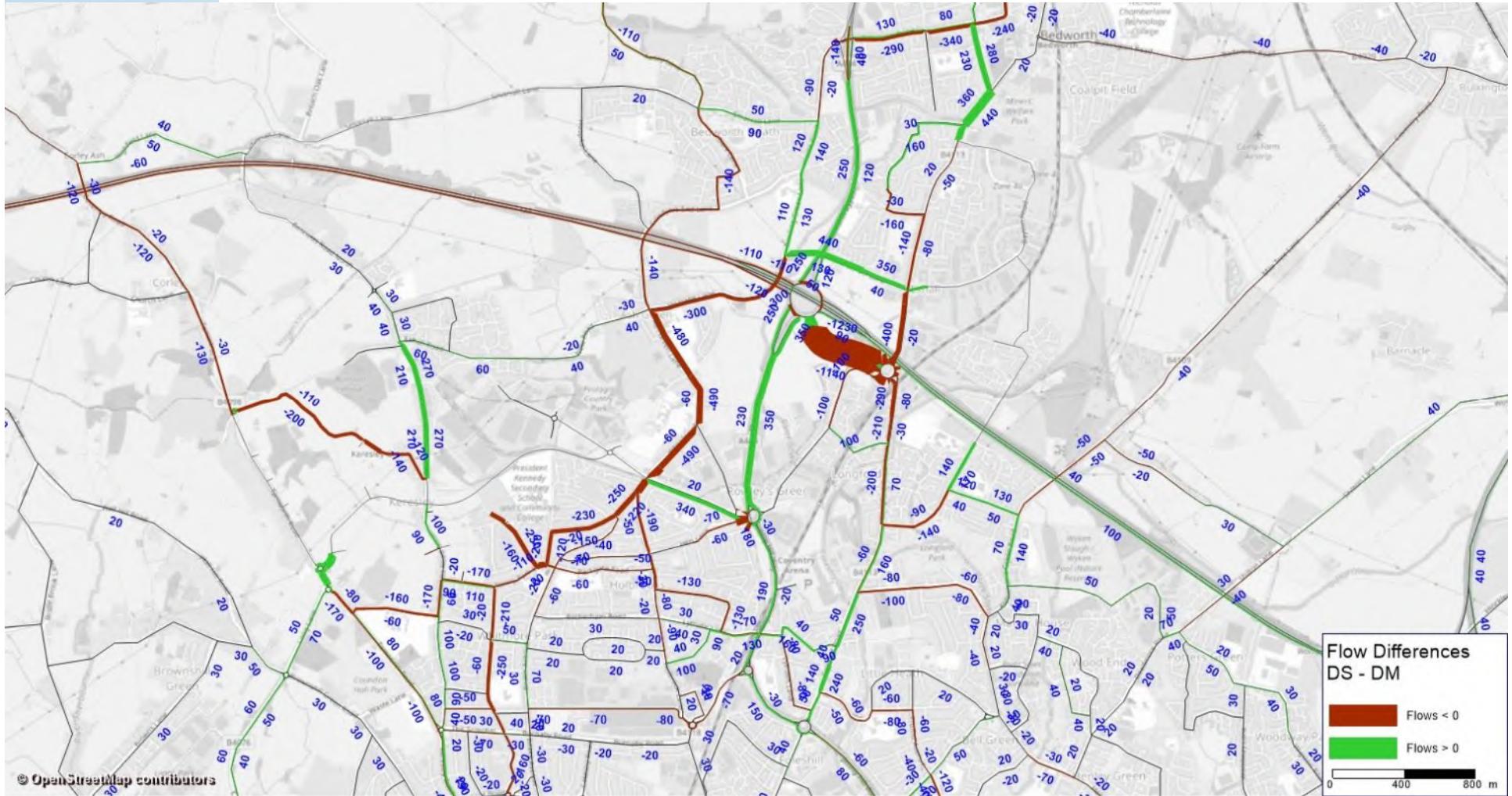
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
3	<u>Alignment 2 (C-KLR-4)</u>	<u>Free-flow left-turn slips (C-M6J3-4)</u>		<u>Bridge on Blackhorse Rd (C-HLC-2)</u>	<u>Free-flow left turn lane from Winding House Ln NB (S-RG1-</u>	

P4_A1(M6 J3) : Flow Difference vs DM (AM Peak) New Links in DS Hidden



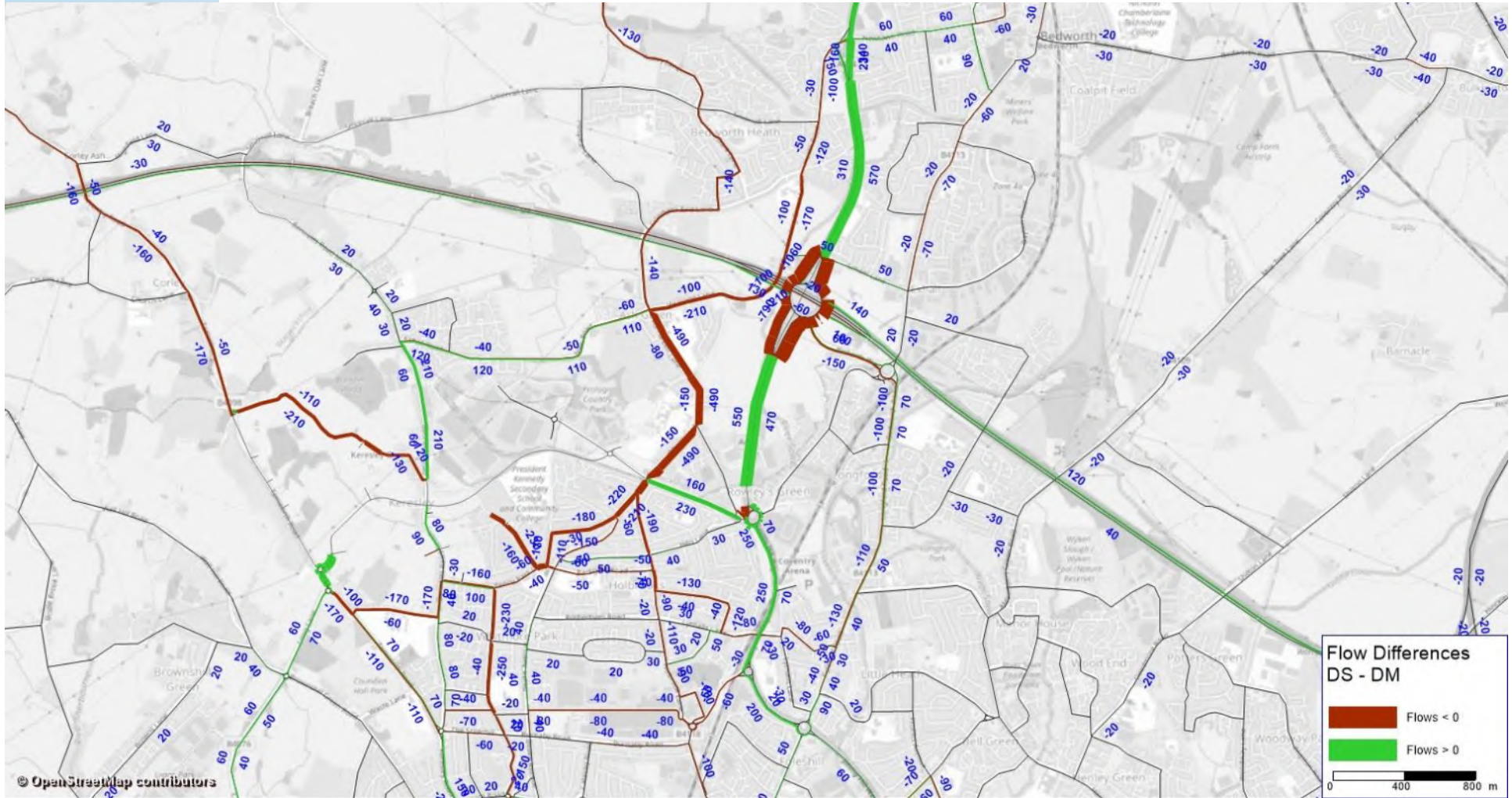
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
4.1	<u>Alignment 2</u> (C-KLR-4)	<u>Hamburger-style layout + New Slips</u> (C-M6J3-3)		<u>Link to Stephenson Rd (C-HLC-3)</u>	<u>A444 flyover</u> (S-RGI-2)	<u>North-facing slip roads onto A444</u> (S-NRS-1)

P5 (M6 J3) : Flow Difference vs DM (AM Peak) New Links in DS Hidden



Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
5	Alignment 2a (C-KLR-5)	Close B4113 arm (C-M6J3-7)		Link to Stephenson Rd (C-HLC-3)	Hamburger-style layout (S-RGI-3)	North-facing slip roads onto A444 (S-NRS-1)

P6 (M6 J3): Flow Difference vs DM (AM Peak) New Links in DS Hidden

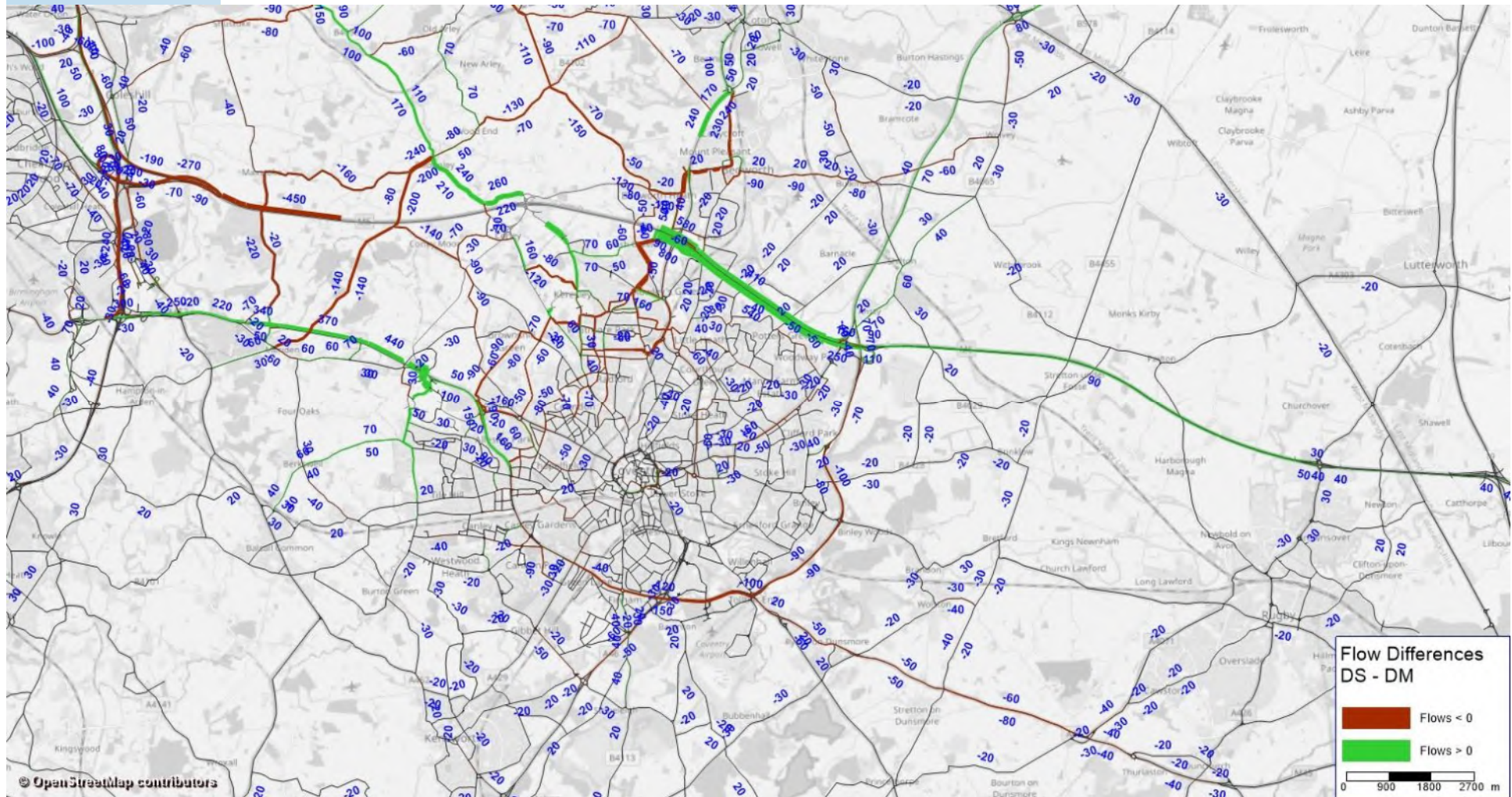


Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
6	Alignment 2a (C-KLR-5)	A444 tunnel (C-M6J3-5)		Optimisation of level crossing signals (C-HLC-4)	Free-flow left turn lane from Winding House Ln NB (S-RGI-1).	

PM Peak

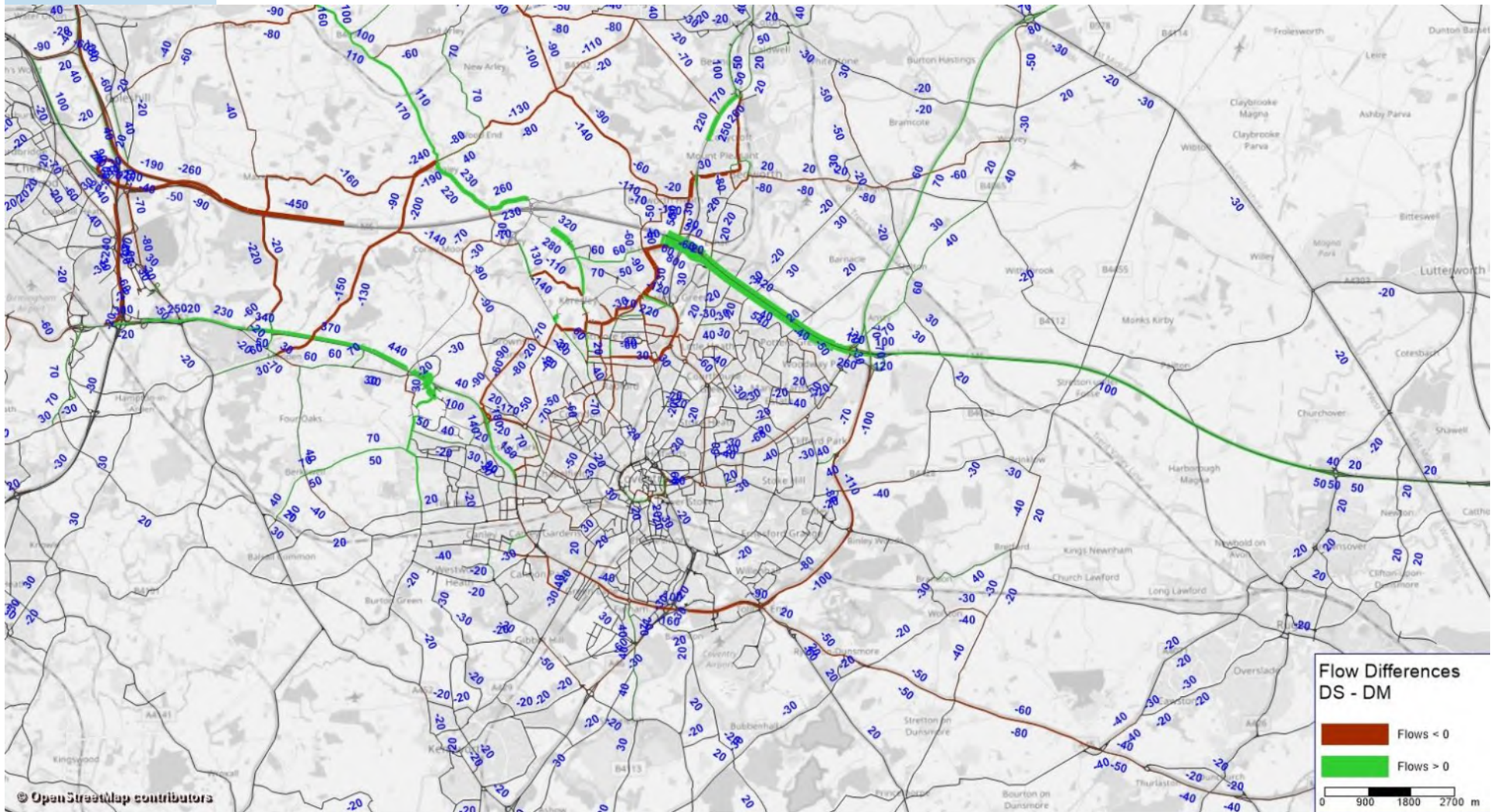
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P1 : Flow Difference vs DM (PM Peak) New Links in DS Hidden



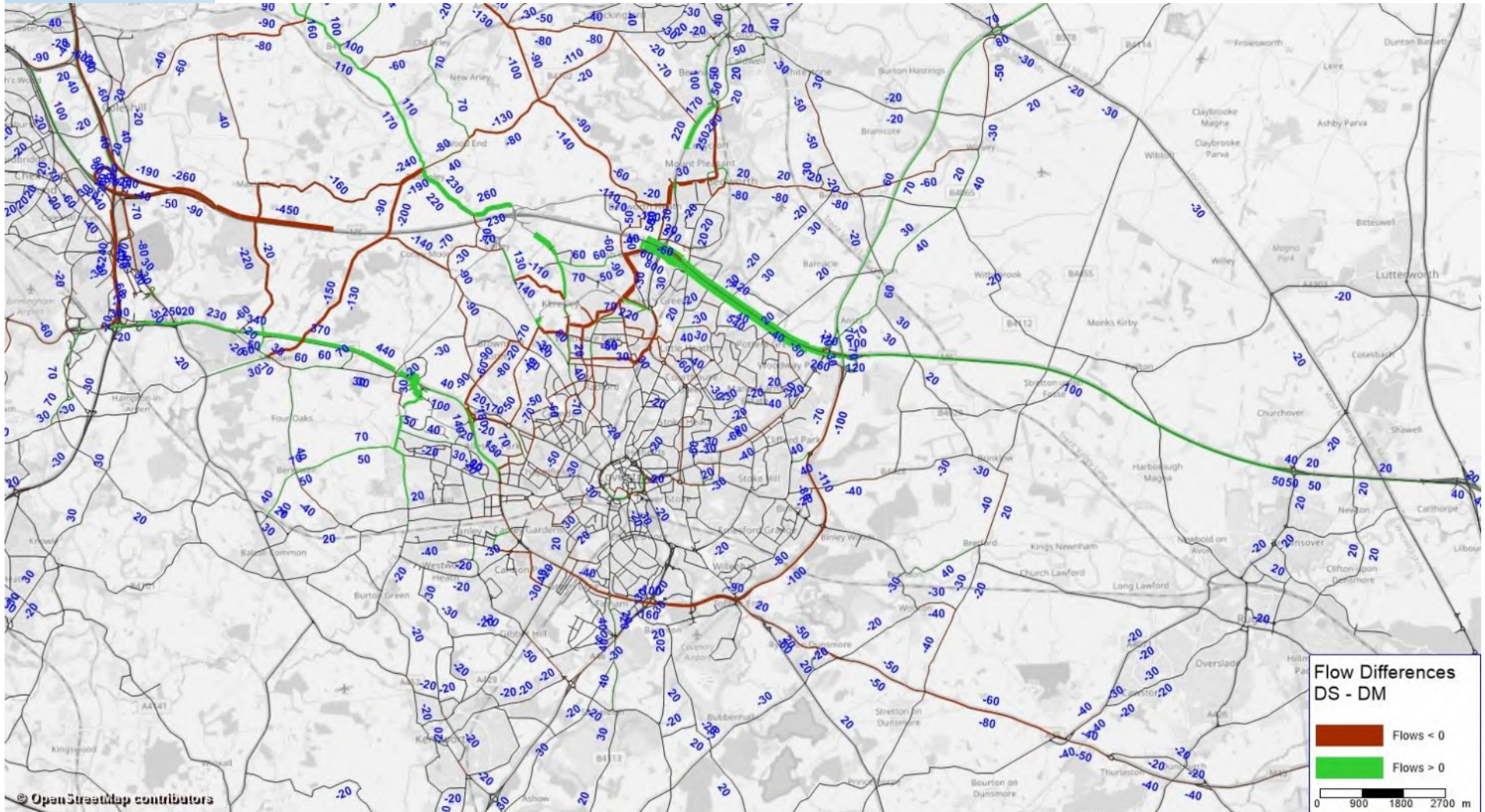
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1	Partial Link Road (C-KLR-2)		New jct at Corley plus Link Road to Eastern Green (S-NM6J-1 + S-NM6J-5)			North-facing slip roads onto A444 (S-NRS-1)

P1_A1 : Flow Difference vs DM (PM Peak) New Links in DS Hidden



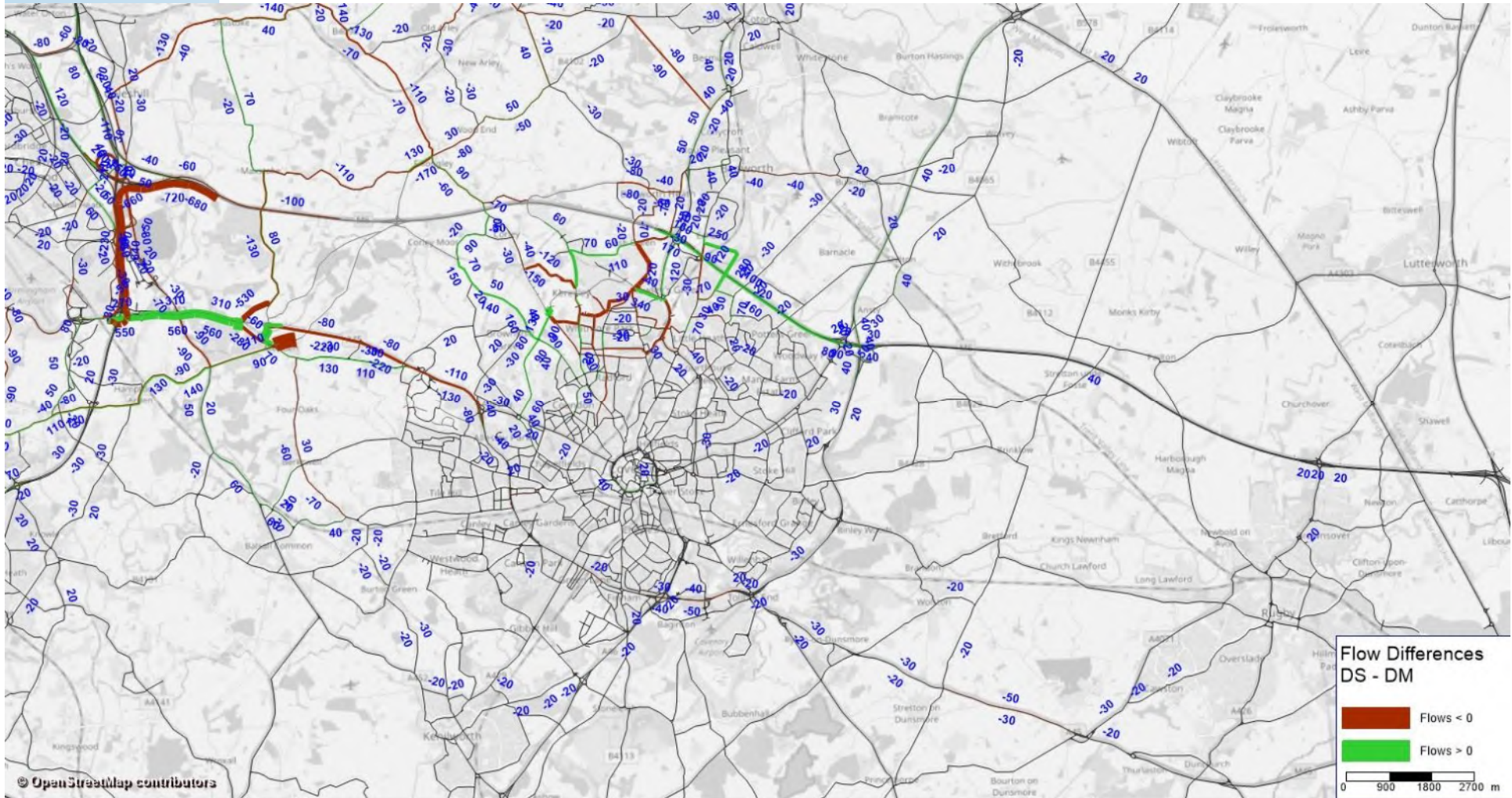
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1-A1	Full KLR Alignment 2		New jct at Corley plus Link Road to Eastern Green (S-NM6J-1 + S-NM6J-5)			North-facing slip roads onto A444 (S-NRS-1)

P1_A2 : Flow Difference vs DM (PM Peak) New Links in DS Hidden



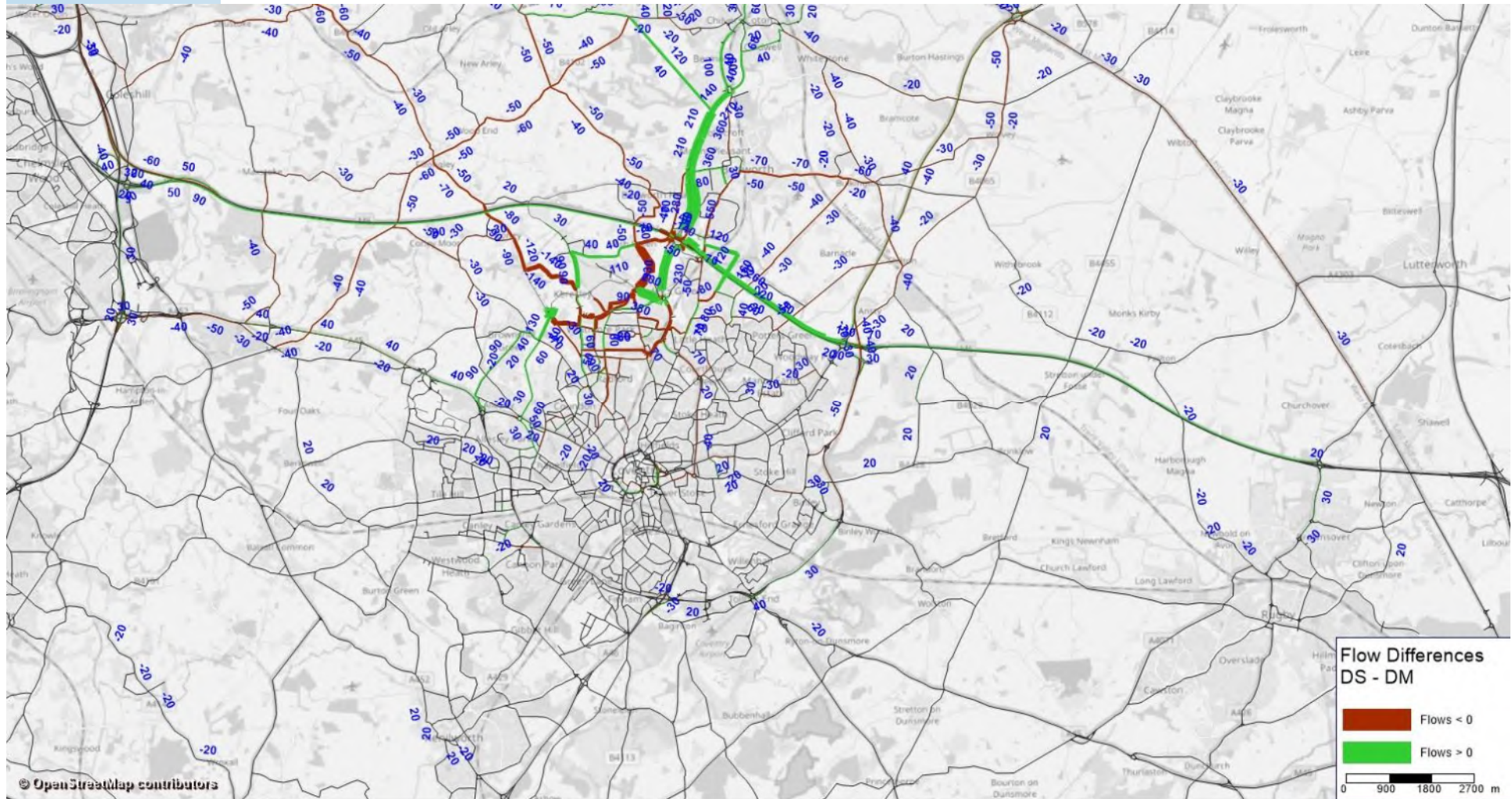
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1	Full KLR Alignment 2A		New jct at Corley plus Link Road to Eastern Green (S-NM6J-1 + S-NM6J-5)			North-facing slip roads onto A444 (S-NRS-1)

P2_A1 : Flow Difference vs DM (PM Peak) New Links in DS Hidden



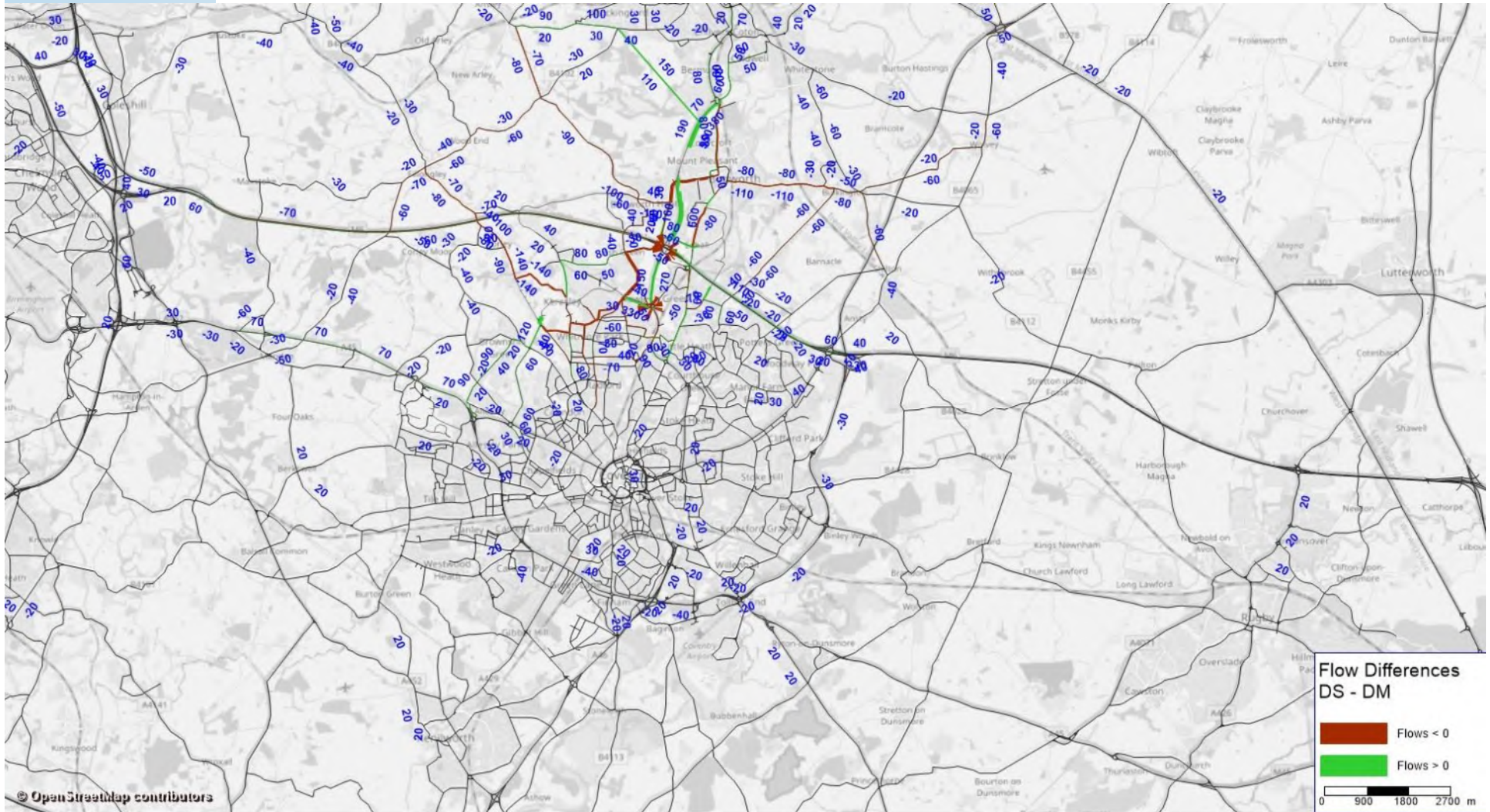
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
2	<u>Alignment 2</u> (C-KLR-4)		<u>New jct at B4102 plus Link</u> Road to Meriden (S-NM6J-3 + S-NM6J-6)	<u>Bridge on Blackhorse Rd (C- HLC-2)</u>		

P3 : Flow Difference vs DM (PM Peak) New Links in DS Hidden



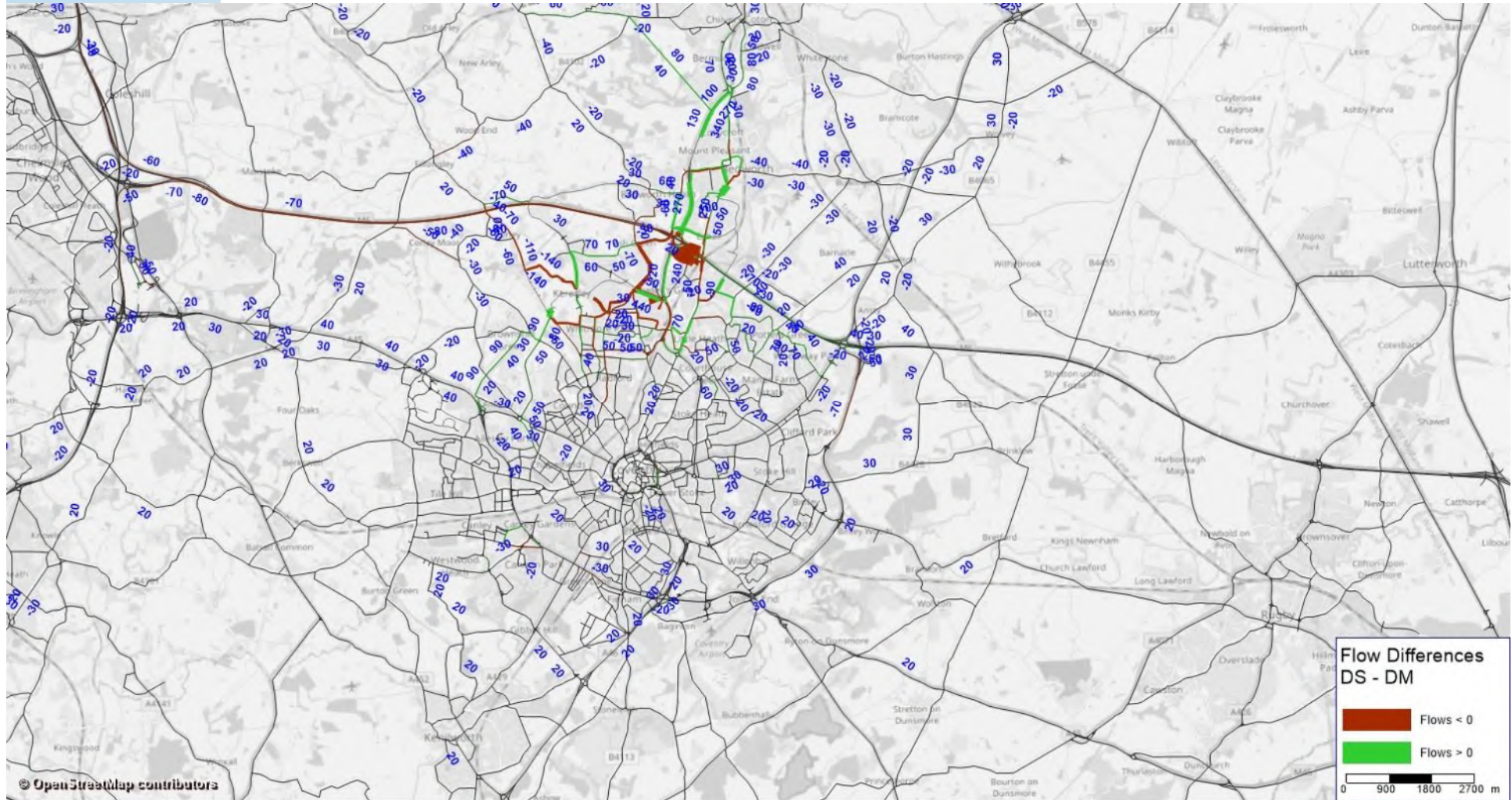
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
3	Alignment 2 (C-KLR-4)	Free-flow left-turn slips (C-M6J3-4)		Bridge on Blackhorse Rd (C-HLC-2)	Free-flow left turn lane from Winding House Ln NB (S-RGI-	

P4_A1 : Flow Difference vs DM (PM Peak) New Links in DS Hidden



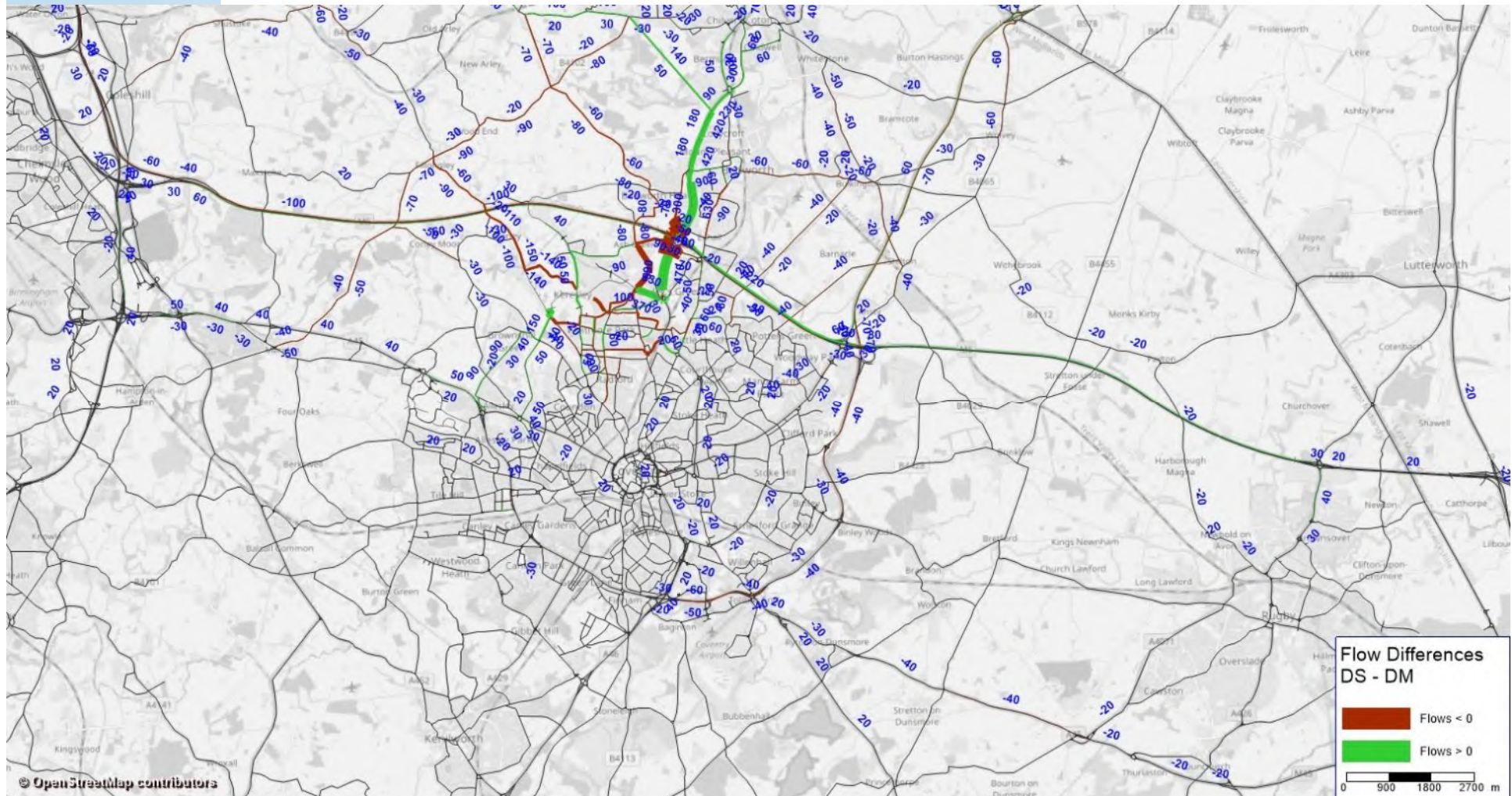
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
4.1	<u>Alignment 2</u> (C-KLR-4)	<u>Hamburger-style layout + New Slips</u> (C-M6J3-3)		<u>Link to Stephenson Rd (C-HLC-3)</u>	<u>A444 flyover</u> (S-RGI-2)	<u>North-facing slip roads onto A444</u> (S-NRS-1)

P5 : Flow Difference vs DM (PM Peak) New Links in DS Hidden



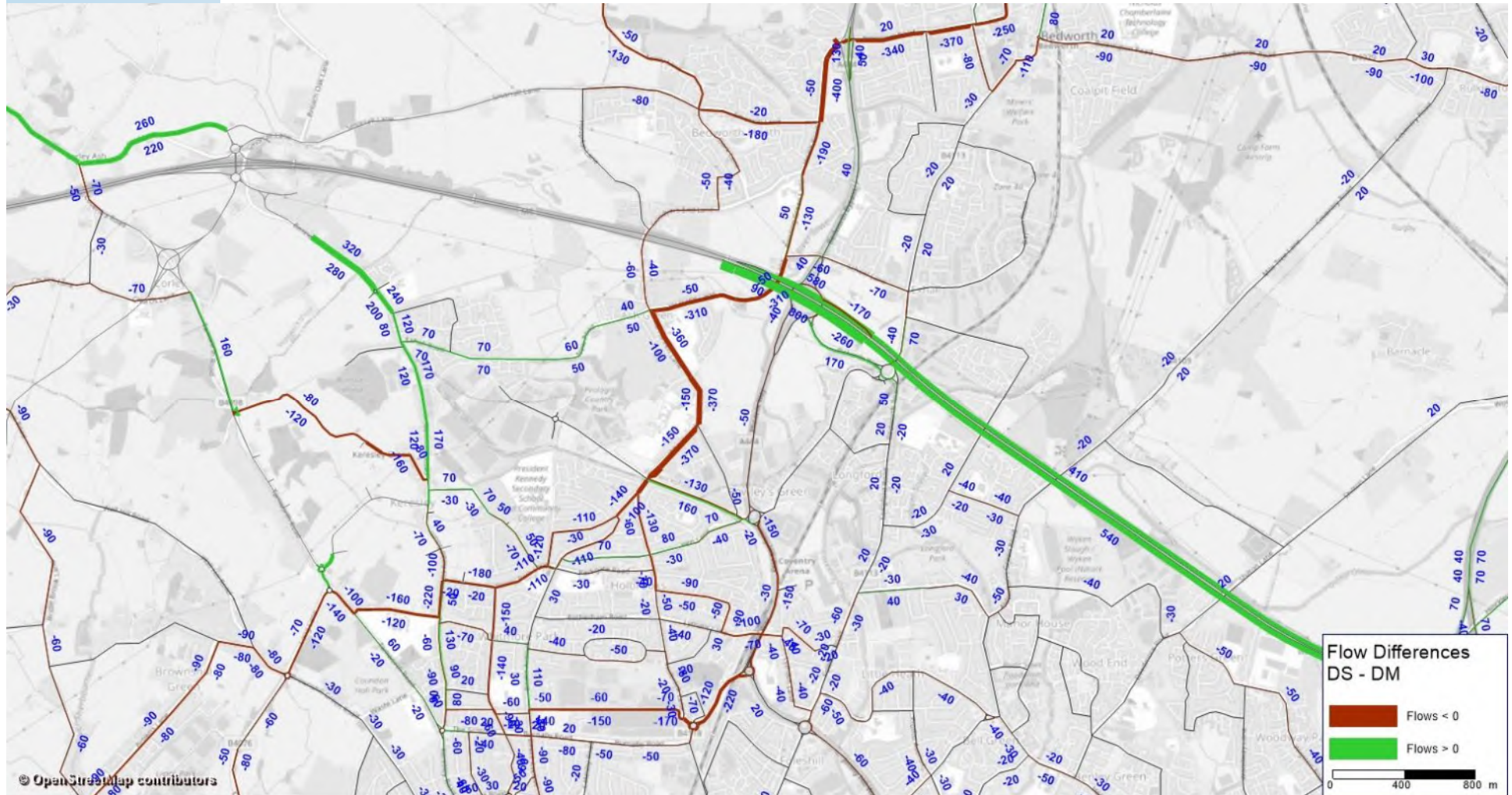
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
5	Alignment 2a (C-KLR-5)	Close B4113 arm (C-M6J3-7)		Link to Stephenson Rd (C-HLC-3)	Hamburger-style layout (S-RGI-3)	North-facing slip roads onto A444 (S-NRS-1)

P6 : Flow Difference vs DM (PM Peak) New Links in DS Hidden



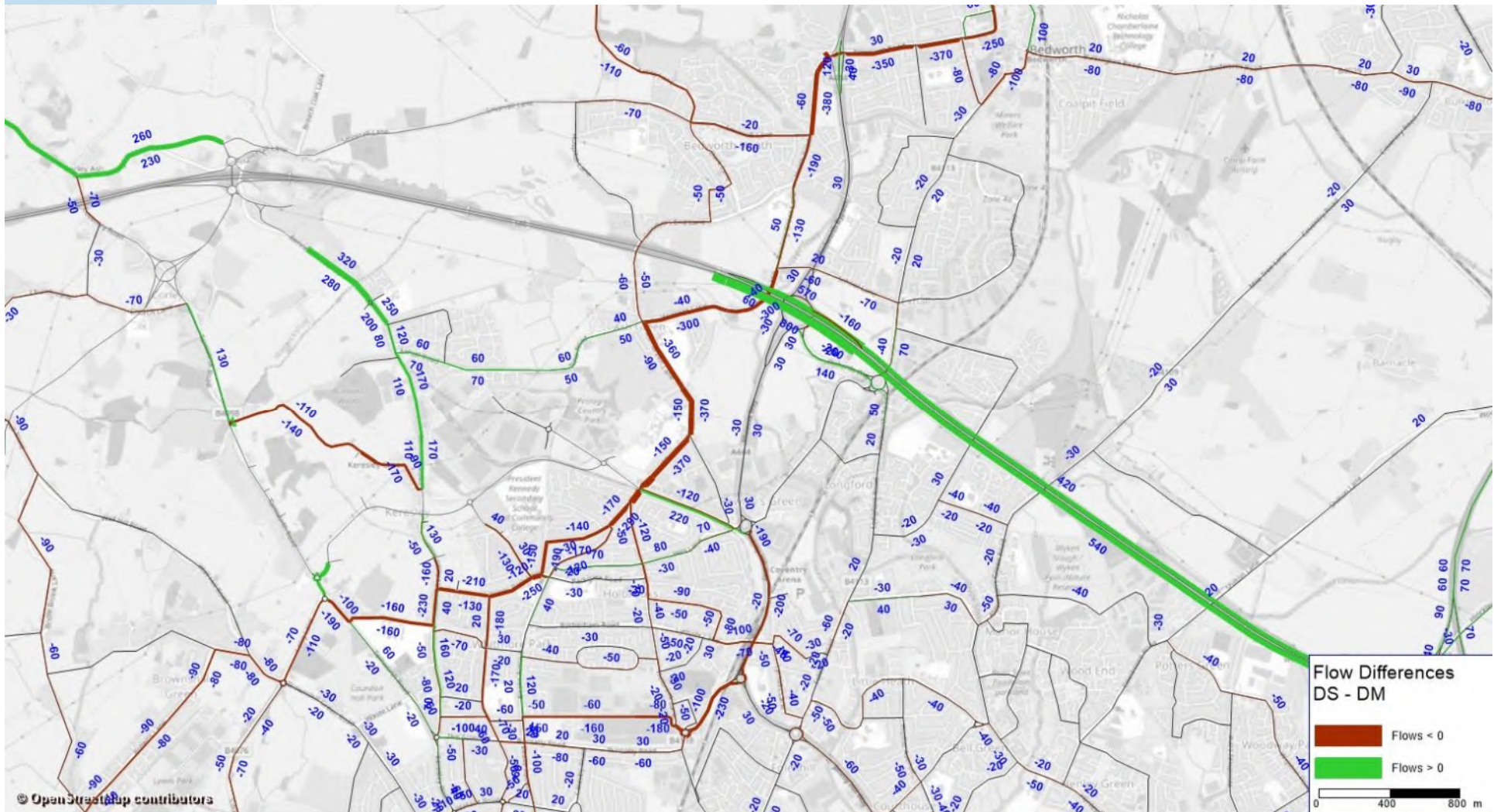
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
6	Alignment 2a (C-KLR-5)	A444 tunnel (C-M6J3-5)		Optimisation of level crossing signals (C-HLC-4)	Free-flow left turn lane from Winding House Ln NB (S-RGI-1)	

P1 (M6 J3) : Flow Difference vs DM (PM Peak) New Links in DS Hidden



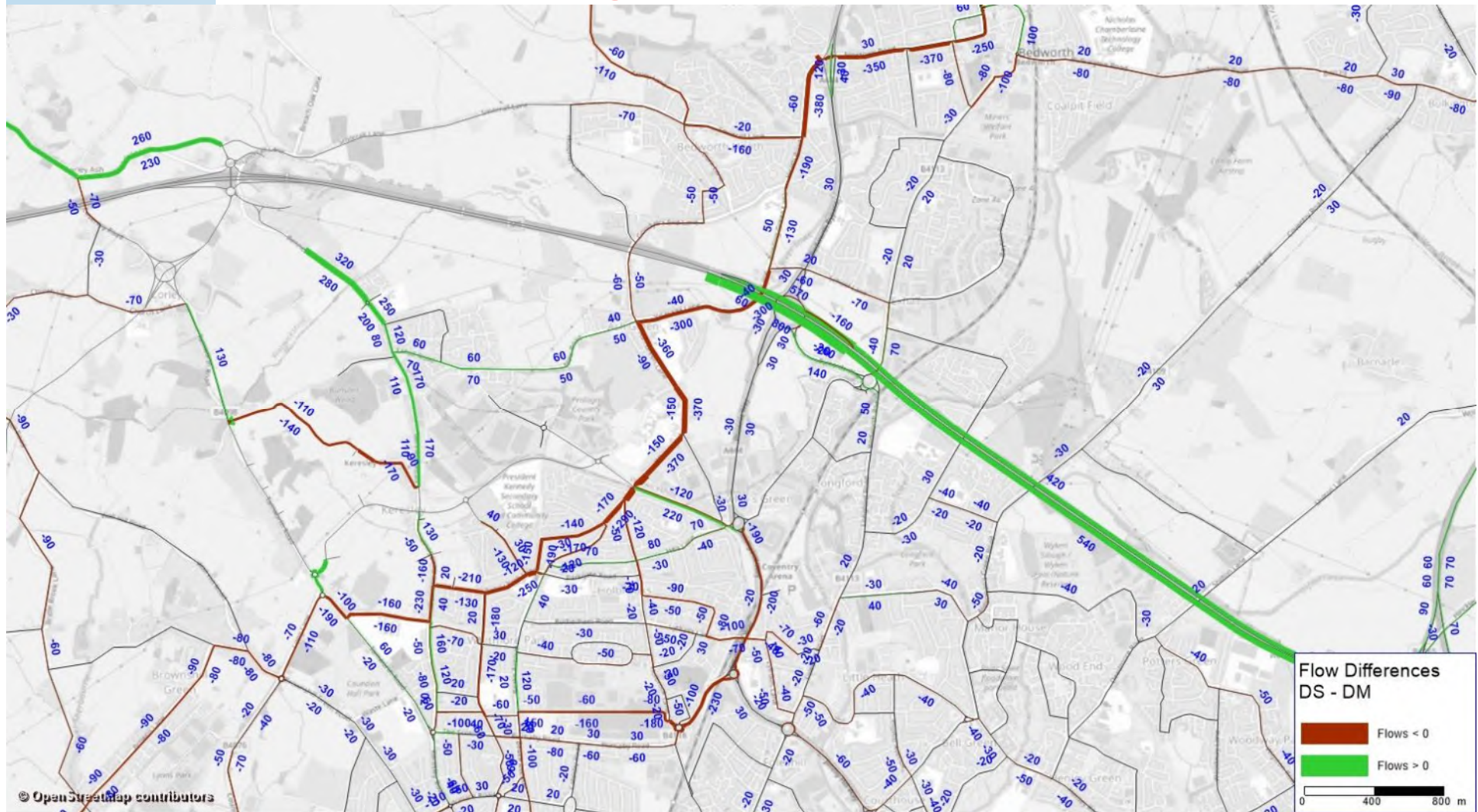
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1	Partial Link Road (C-KLR-2)		New jct at Corley plus Link Road to Eastern Green (S-NM6J-1 + S-NM6J-5)			North-facing slip roads onto A444 (S-NRS-1)

P1_A1 (M6 J3) : Flow Difference vs DM (PM Peak) New Links in DS Hidden



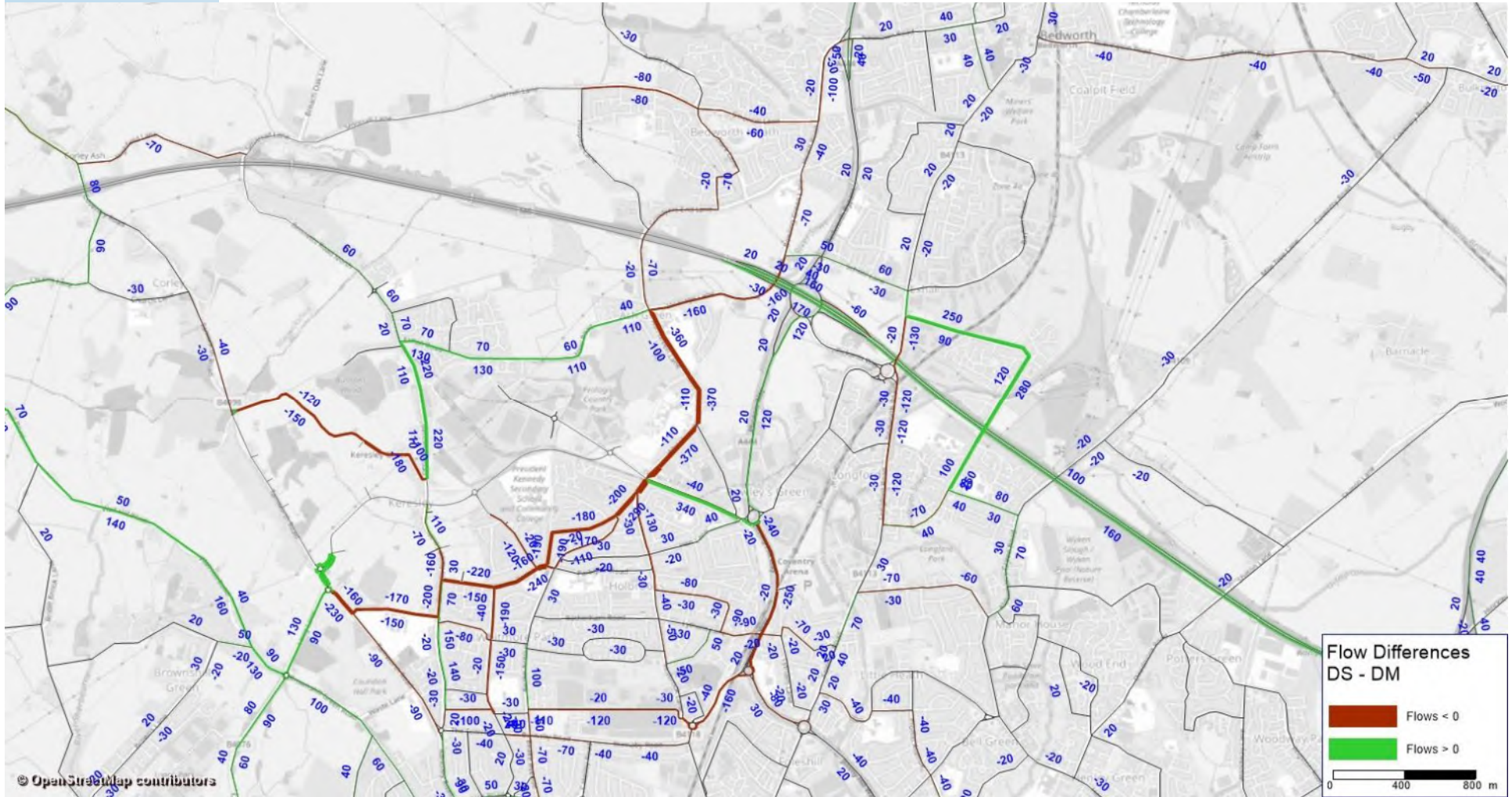
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1-A1	Full KLR Alignment 2		New jct at Corley plus Link Road to Eastern Green (S-NM6J-1 + S-NM6J-5)			North-facing slip roads onto A444 (S-NRS-1)

P1_A2 (M6 J3) : Flow Difference vs DM (PM Peak) New Links in DS Hidden



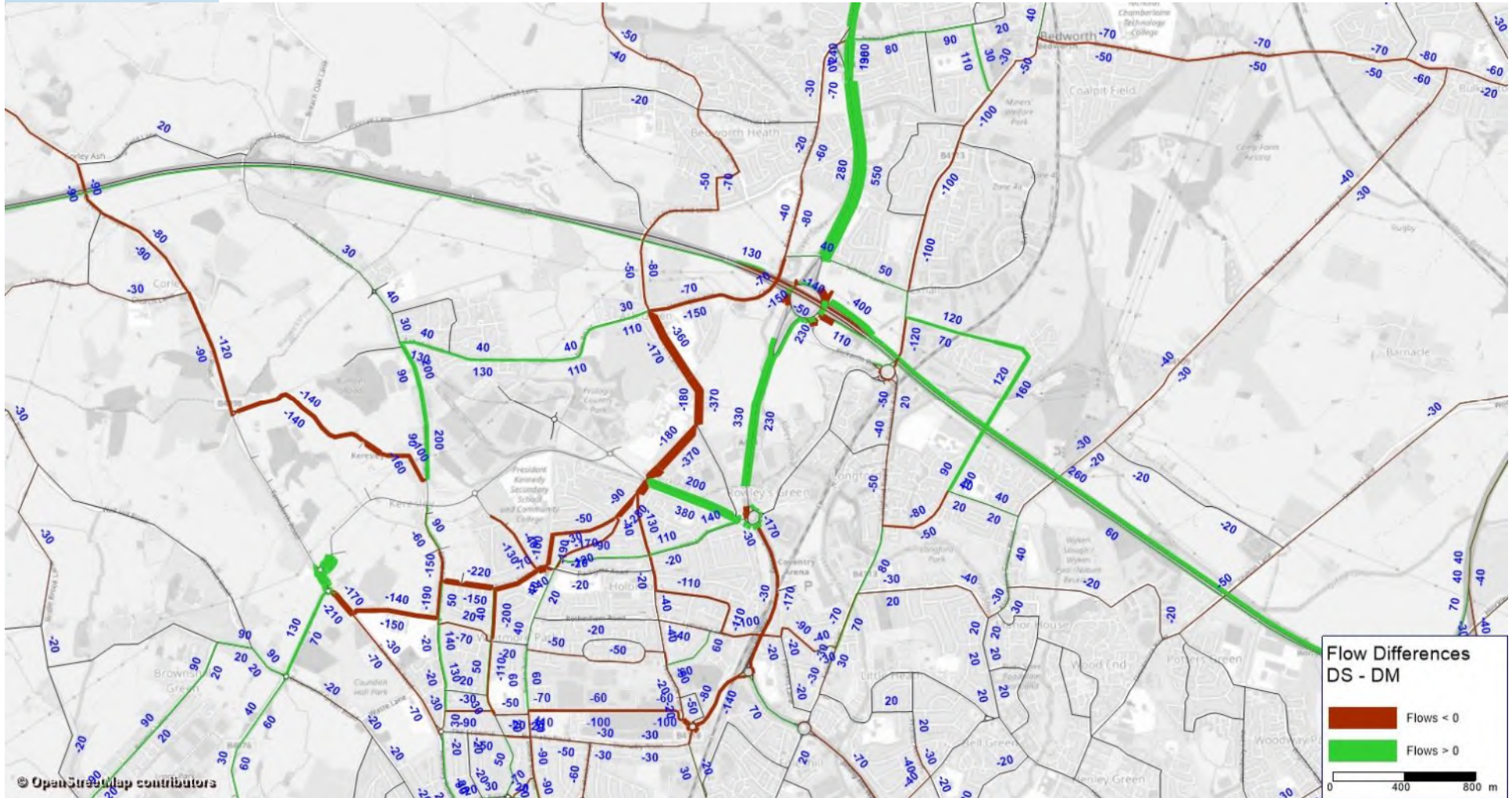
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1	Full KLR Alignment 2A		New jct at Corley plus Link Road to Eastern Green (S- NM6J-1 + S-NM6J-5)			North-facing slip roads onto A444 (S-NRS-1)

P2_A1 (M6 J3): Flow Difference vs DM (PM Peak) New Links in DS Hidden



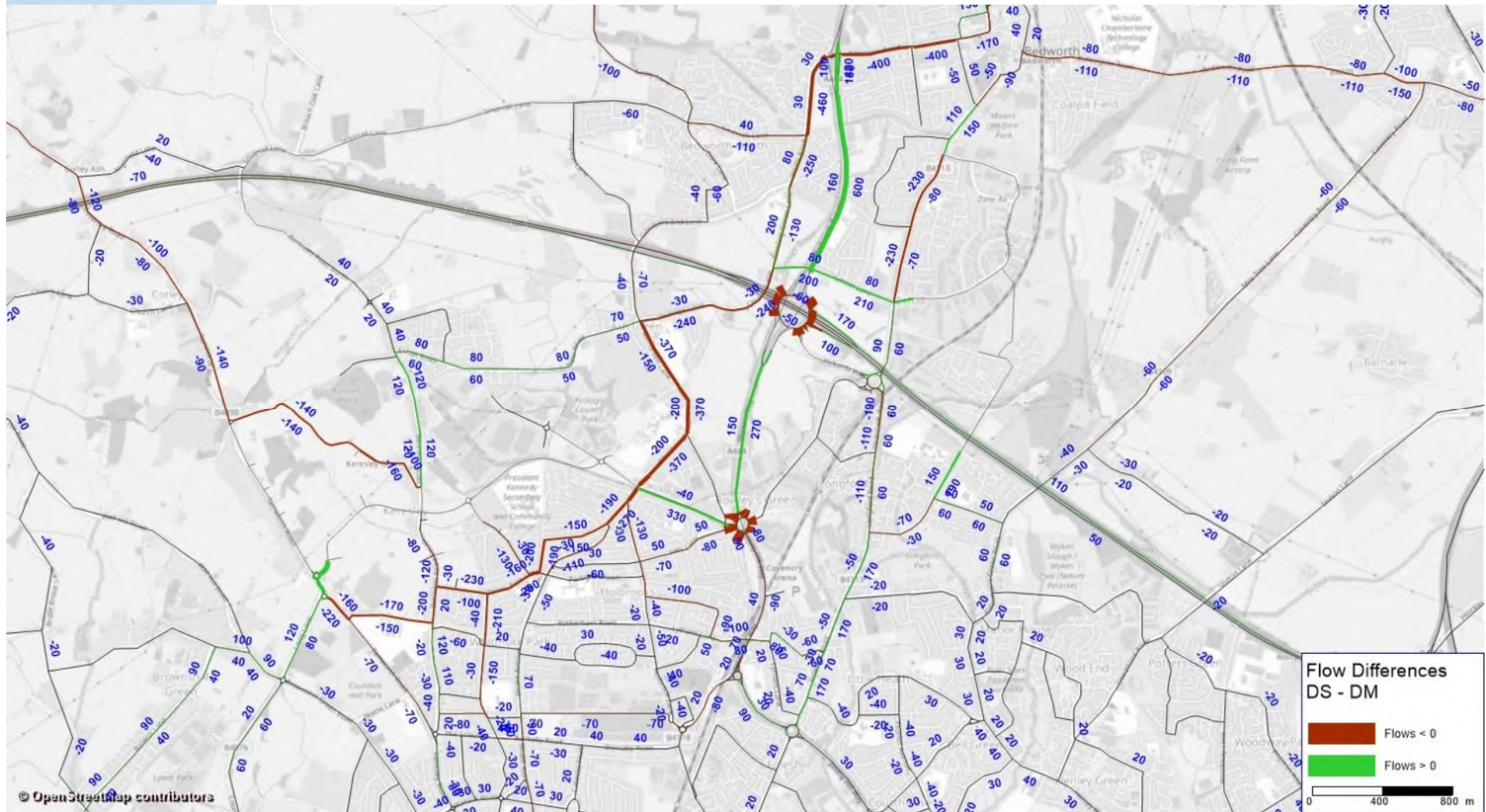
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
	Alignment 2 (C-KLR-4)		New jct at B4102 plus Link Road to Meriden (S-NM6J-3 + S-NM6J-6)	Bridge on Blackhorse Rd (C- HLC-2)		

P3 (M6 J3) : Flow Difference vs DM (PM Peak) New Links in DS Hidden



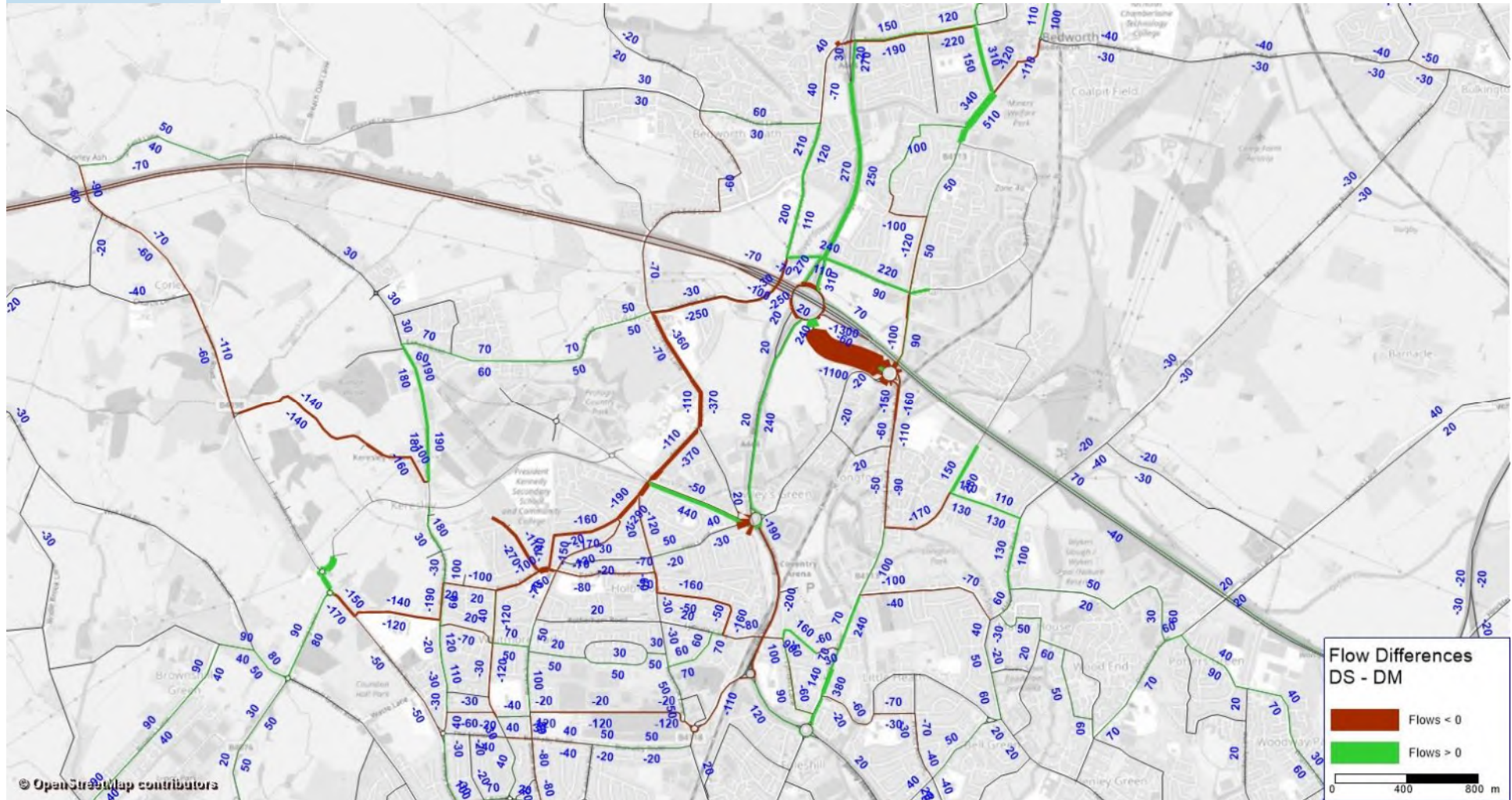
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
3	Alignment 2 (C-KLR-4)	Free-flow left-turn slips (C-M6J3-4)		Bridge on Blackhorse Rd (C-HLC-2)	Free-flow left turn lane from Winding House Ln NB (S-RGI-	

P4_A1 (M6 J3) : Flow Difference vs DM (PM Peak) New Links in DS Hidden



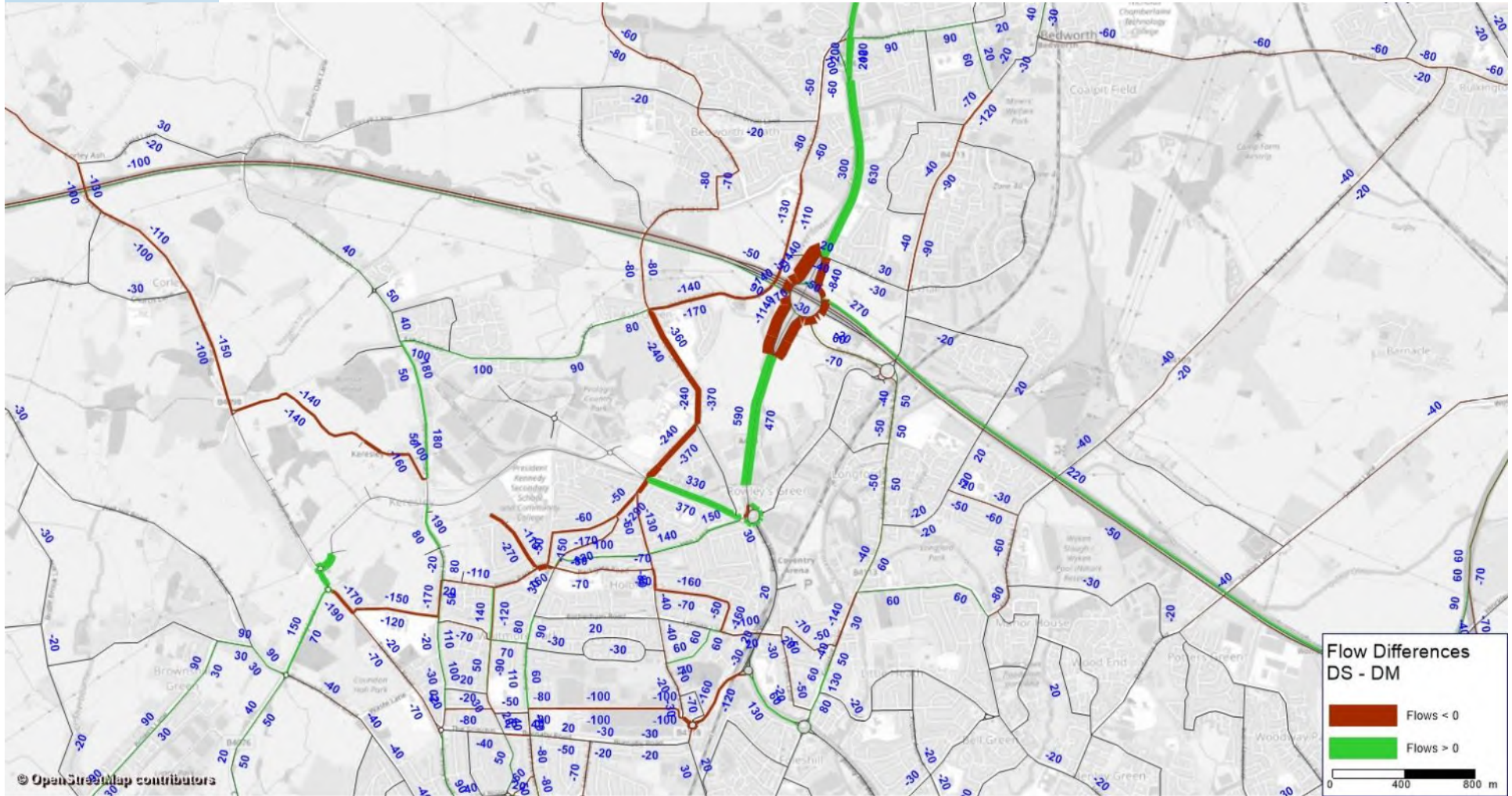
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
4.1	<u>Alignment 2</u> (C-KLR-4)	<u>Hamburger-style layout + New Slips</u> (C-M6J3-3)		<u>Link to Stephenson Rd (C-HLC-3)</u>	<u>A444 flyover</u> (S-RGI-2)	<u>North-facing slip roads onto A444</u> (S-NRS-1)

P5 (M6 J3) : Flow Difference vs DM (PM Peak) New Links in DS Hidden



Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
5	Alignment 2a (C-KLR-5)	Close B4113 arm (C-M6J3-7)		Link to Stephenson Rd (C-HLC-3)	Hamburger-style layout (S-RGI-3)	North-facing slip roads onto A444 (S-NRS-1)

P6 (M6 J3): Flow Difference vs DM (PM Peak) New Links in DS Hidden



Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
6	Alignment 2a (C-KLR-5)	A444 tunnel (C-M6J3-5)		Optimisation of level crossing signals (C-HLC-4)	Free-flow left turn lane from Winding House Ln NB (S-RGI-1)	

Section 4: Node Delay Analysis

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Node Delay Difference Analysis Summary (AM/PM)

- P1 (Partial Link Rd) / P1_A1 (Opt 2)/ P1_A2 (Opt 2A)
 - Junction delay reduction at M6 J3
 - Reduction delay at Holbrook area
- P2_A1
 - Reduction delay at Holbrook area
 - Minimal impact at M6 J3
 - Increased delay at Longford Rd / Blackhorse Road due to new bridge across Hawkes Level Crossing
- P3
 - Improve congestion at M6 J3
 - Reduction delay at Holbrook area
 - Increased delay at Longford Rd / Blackhorse Road due to new bridge across Hawkes Level Crossing
- P4_A1
 - Improve congestion at M6 J3 but additional delays at new Hamburger Signalised Junction
 - Reduction delay at Holbrook area
 - Improve congestion at A444 Rowleys Green (Flyover)
 - Decreased delay at Longford Rd / Blackhorse Road due to new Link Road to Stephenson Rd

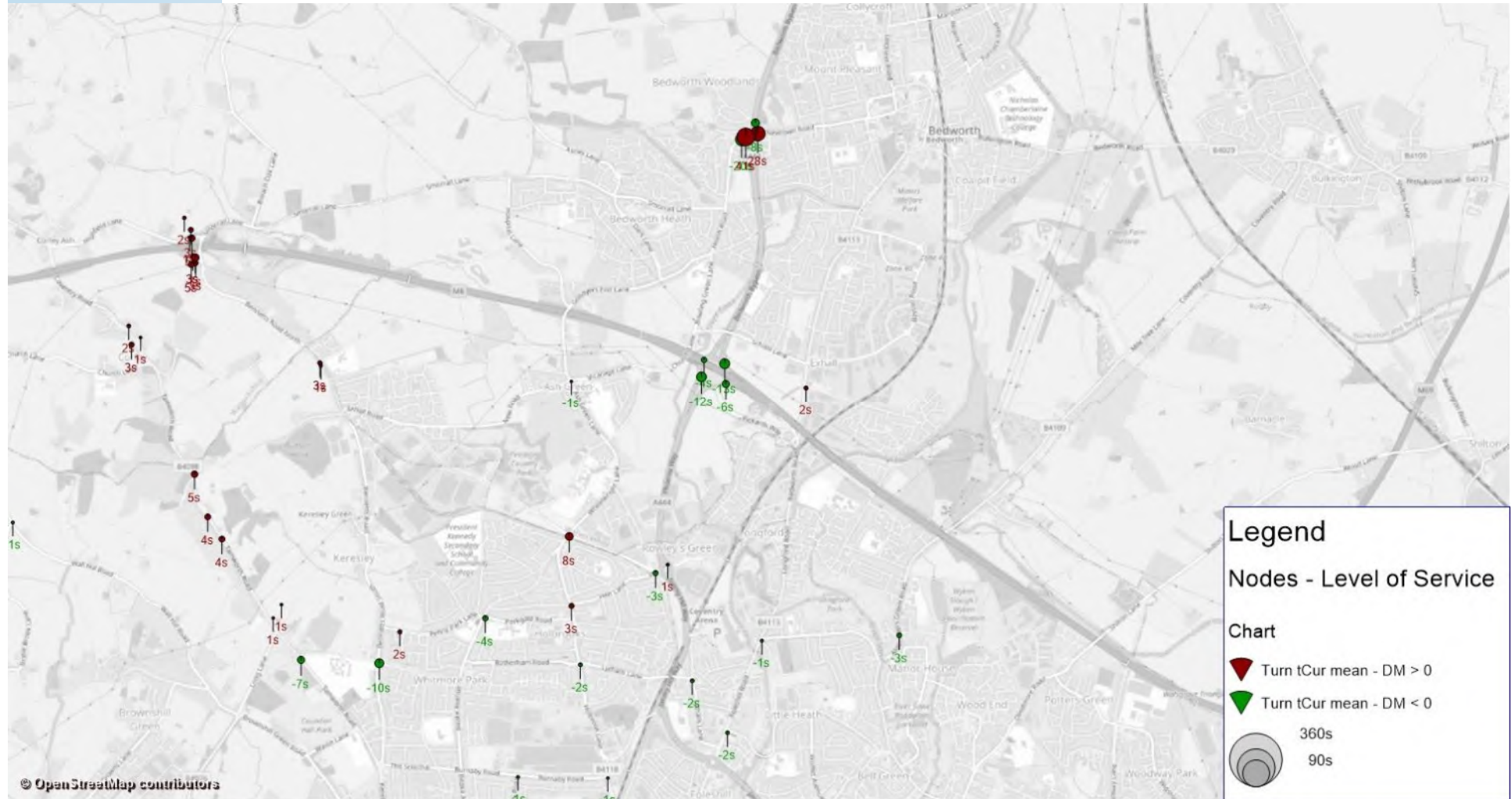
Node Delay Difference Analysis Summary (AM/PM)

- P5
 - Reduction delay at Holbrook area
 - Slight improvement congestion at M6 J3
 - Decreased delay at Longford Rd / Blackhorse Road due to new Link Road to Stephenson Rd
 - Additional delay at A444 Rowleys Green Handburger Roundabout
- P6
 - Improve congestion at M6 J3 with the A444 tunnel.
 - Reduction delay at Holbrook area
 - Slight increase delay at A444 Rowley Green Roundabout due to additional traffic flow due to the new tunnel.

AM Peak

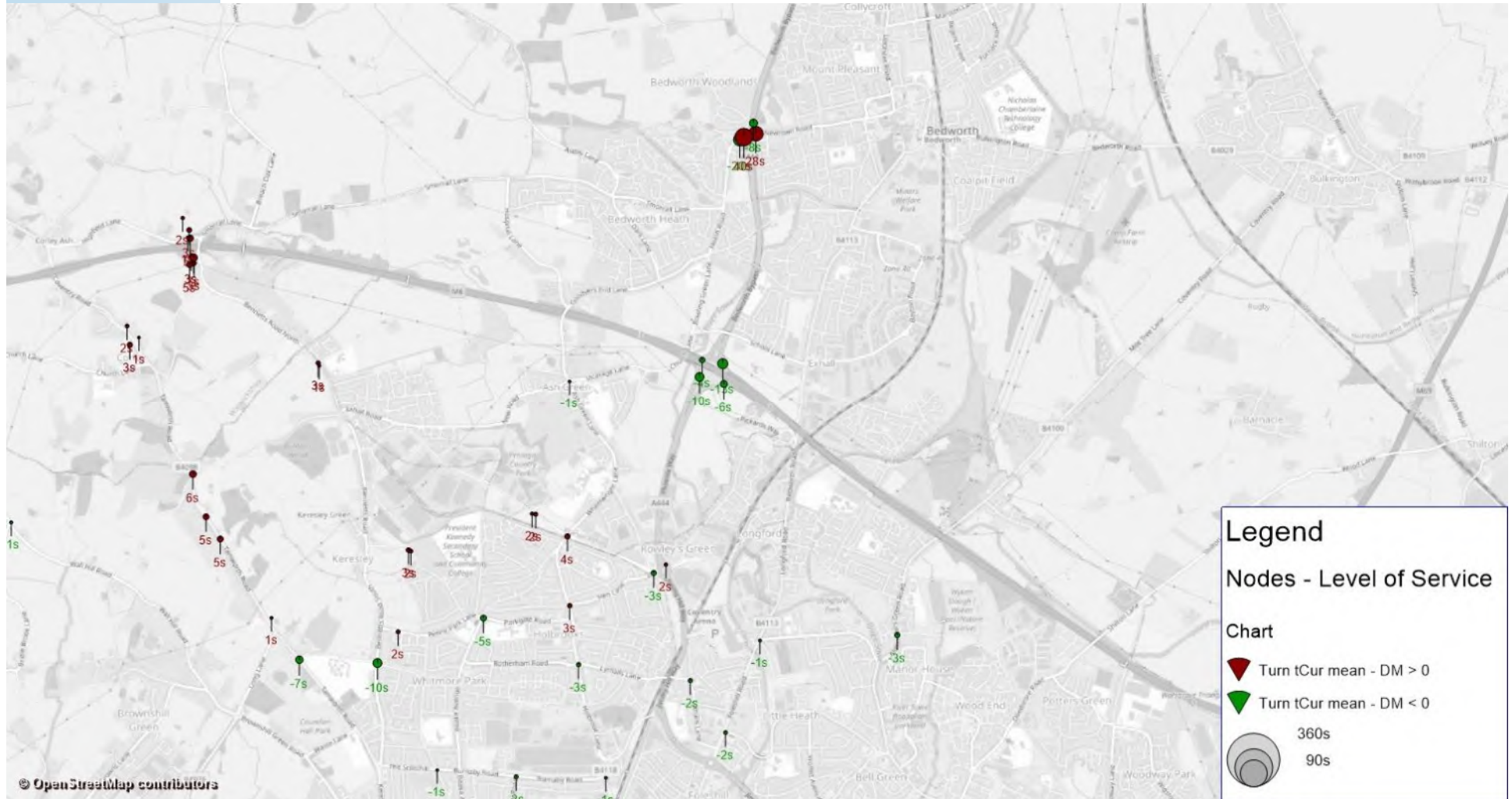
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P1 : Node Delay Difference (AM)



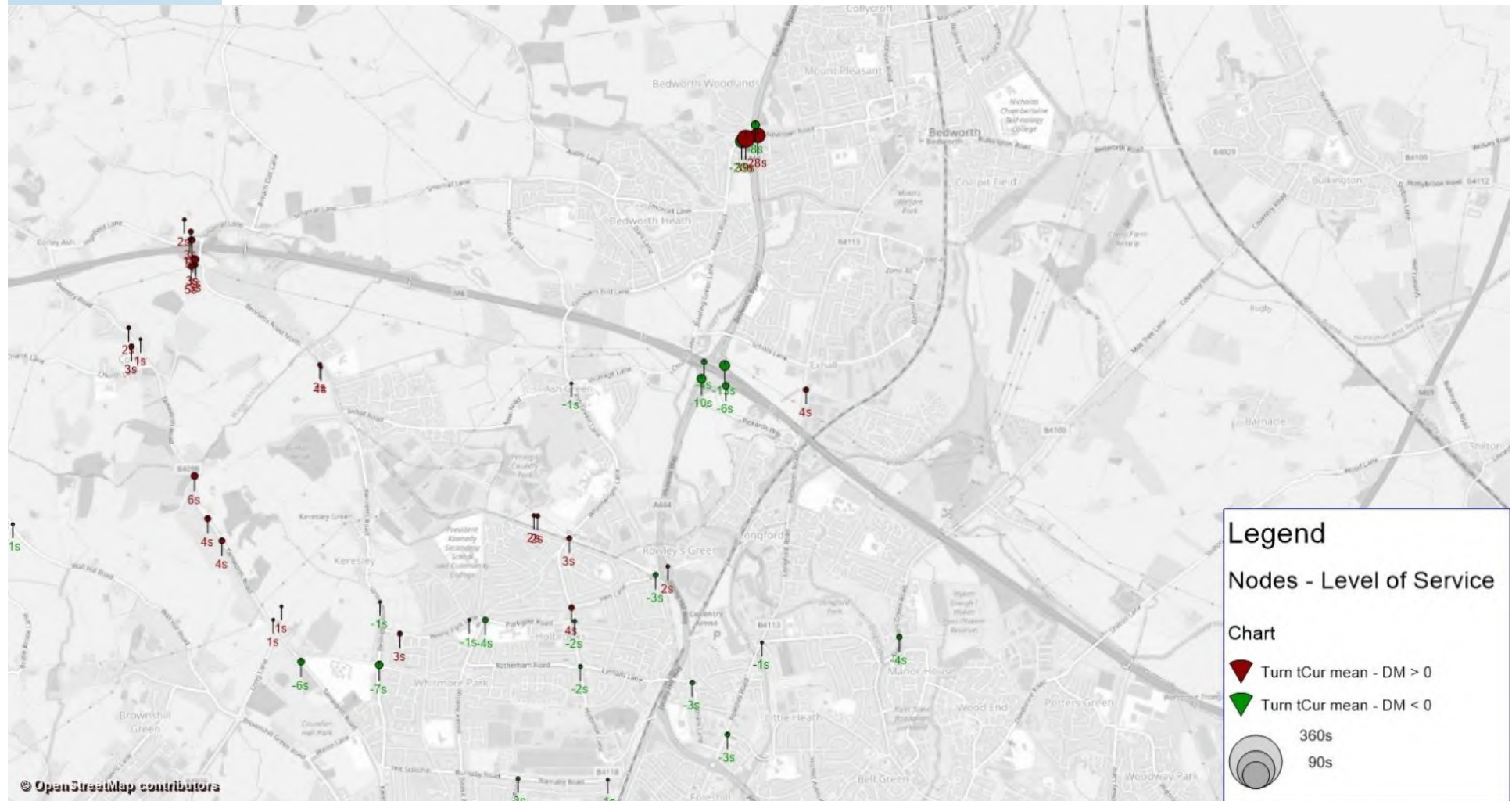
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1	Partial Link Road (C-KLR-2)	-	New jct at Corley plus Link Road to Eastern Green (S-NM6J-1 + S-NM6J-5)	-	-	North-facing slip roads onto A444 (S-NRS-1)

P1_A1 : Node Delay Difference (AM)



Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1-A1	Full KLR Alignment 2		New jct at Corley plus Link Road to Eastern Green (S-NM6J-1 + S-NM6J-5)			North-facing slip roads onto A444 (S-NRS-1)

P1_A2 : Node Delay Difference (AM)



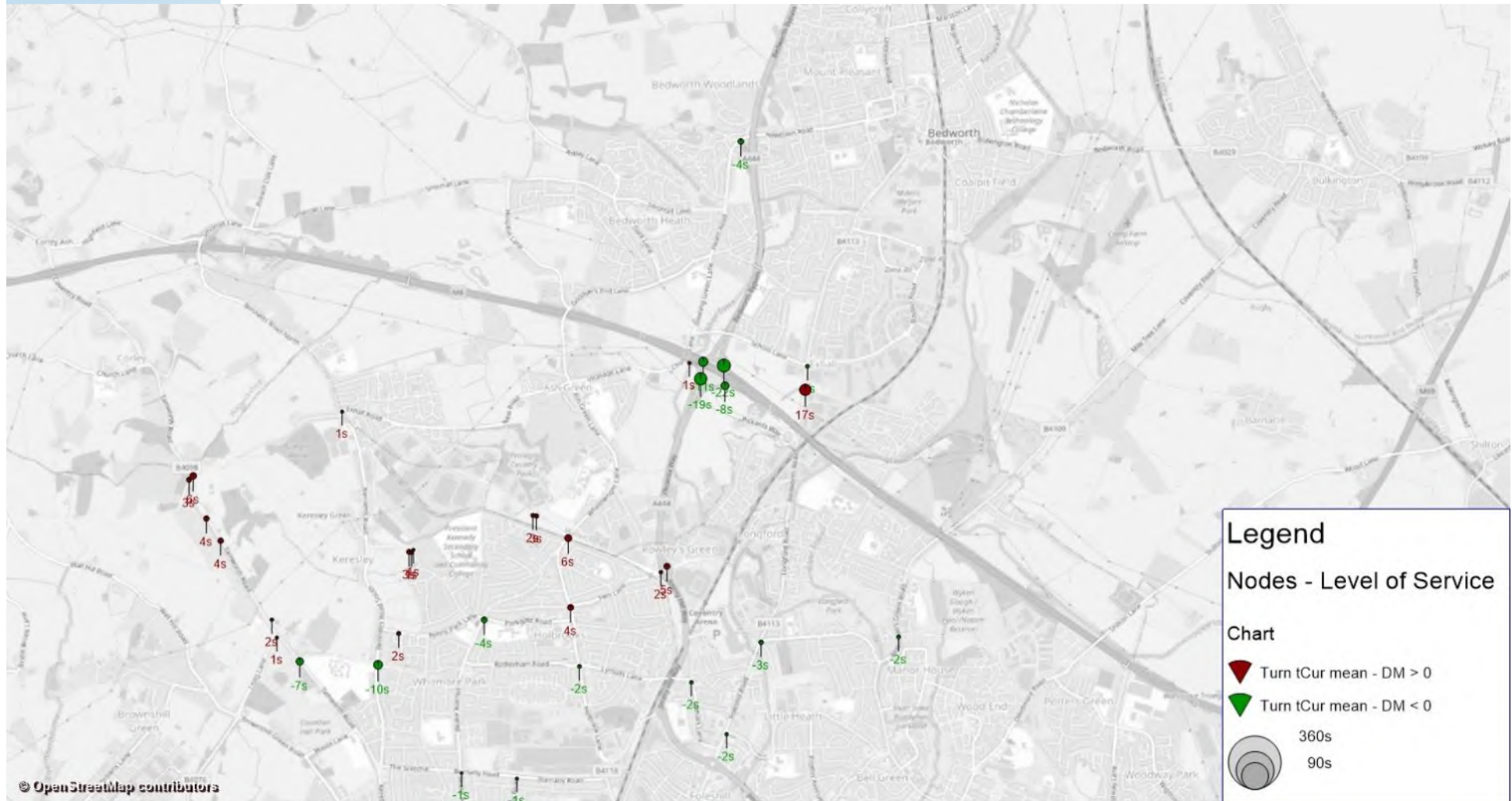
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1	Full KLR Alignment 2A		New jct at Corley plus Link Road to Eastern Green (S-NM6J-1 + S-NM6J-5)			North-facing slip roads onto A444 (S-NRS-1)

P2_A1 : Node Delay Difference (AM)



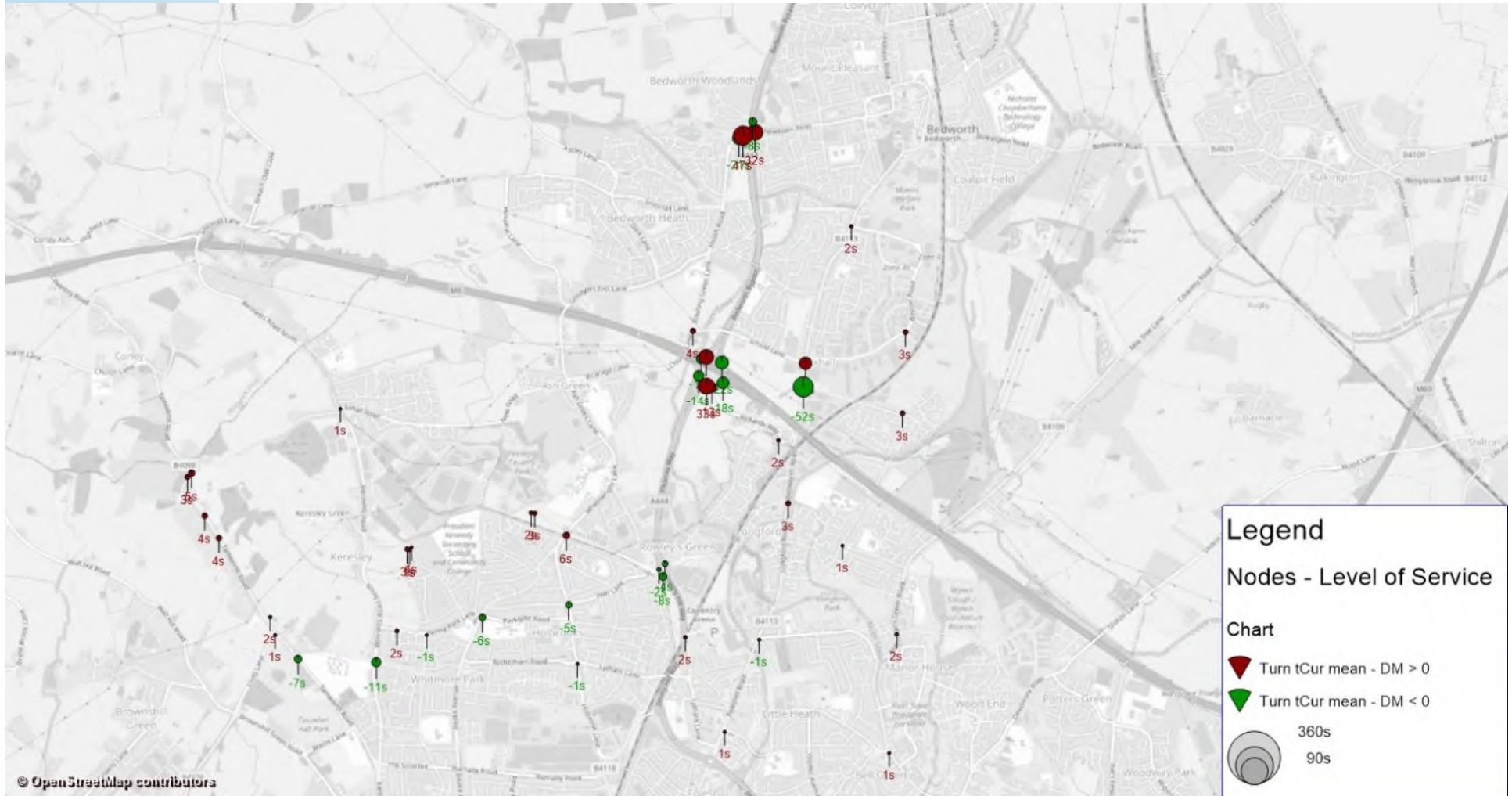
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
2	<u>Alignment 2</u> (C-KLR-4)		<u>New jct at B4102 plus Link</u> <u>Road to Meriden (S-NM6J-3 +</u> <u>S-NM6J-6)</u>	<u>Bridge on Blackhorse Rd (C-</u> <u>HLC-2)</u>		

P3 : Node Delay Difference (AM)



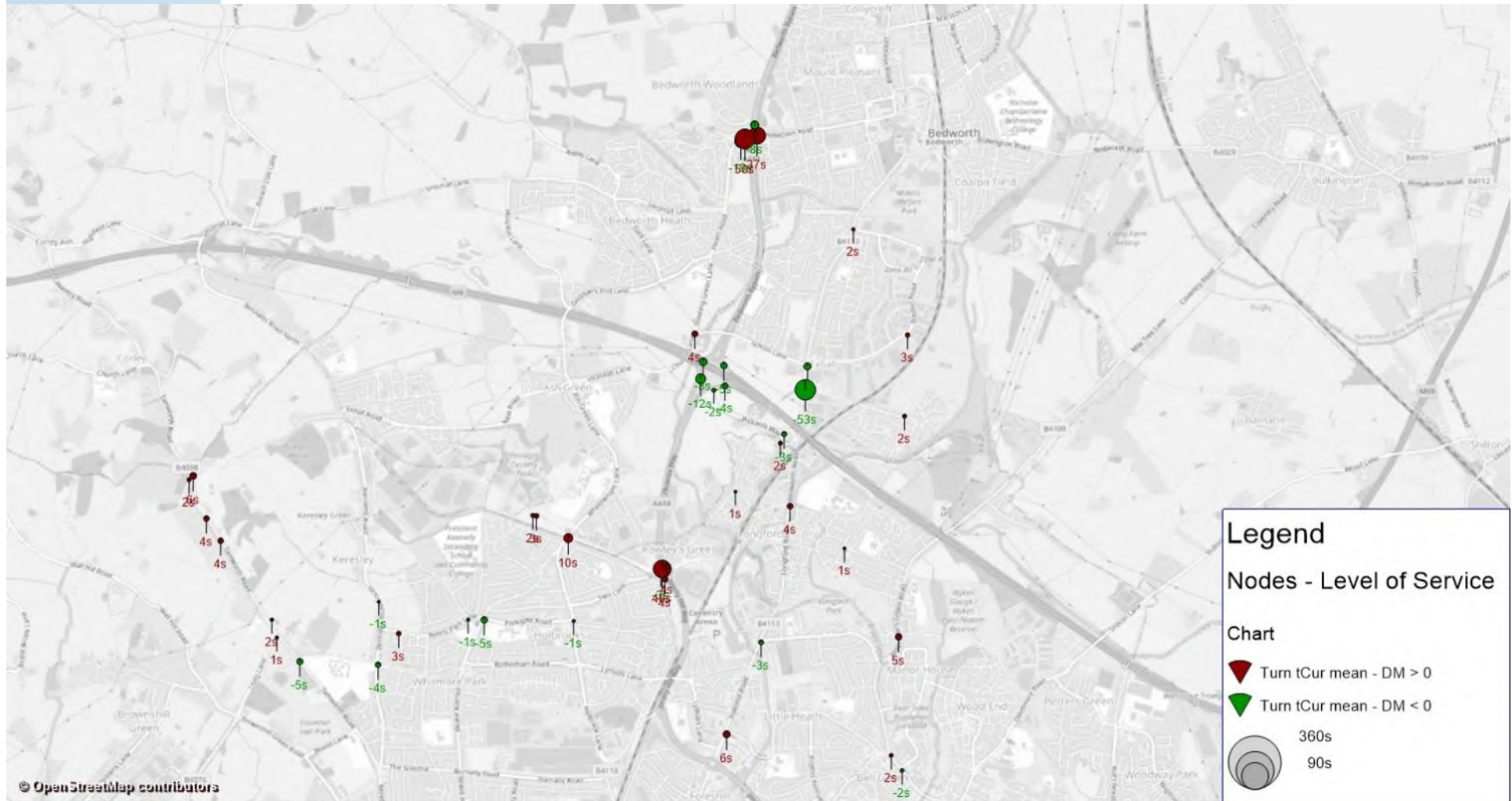
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
3	Alignment 2 (C-KLR-4)	Free-flow left-turn slips (C-M6J3-4)		Bridge on Blackhorse Rd (C-HLC-2)	Free-flow left turn lane from Winding House Ln NB (S-RGL-)	

P4_A1 : Node Delay Difference (AM)



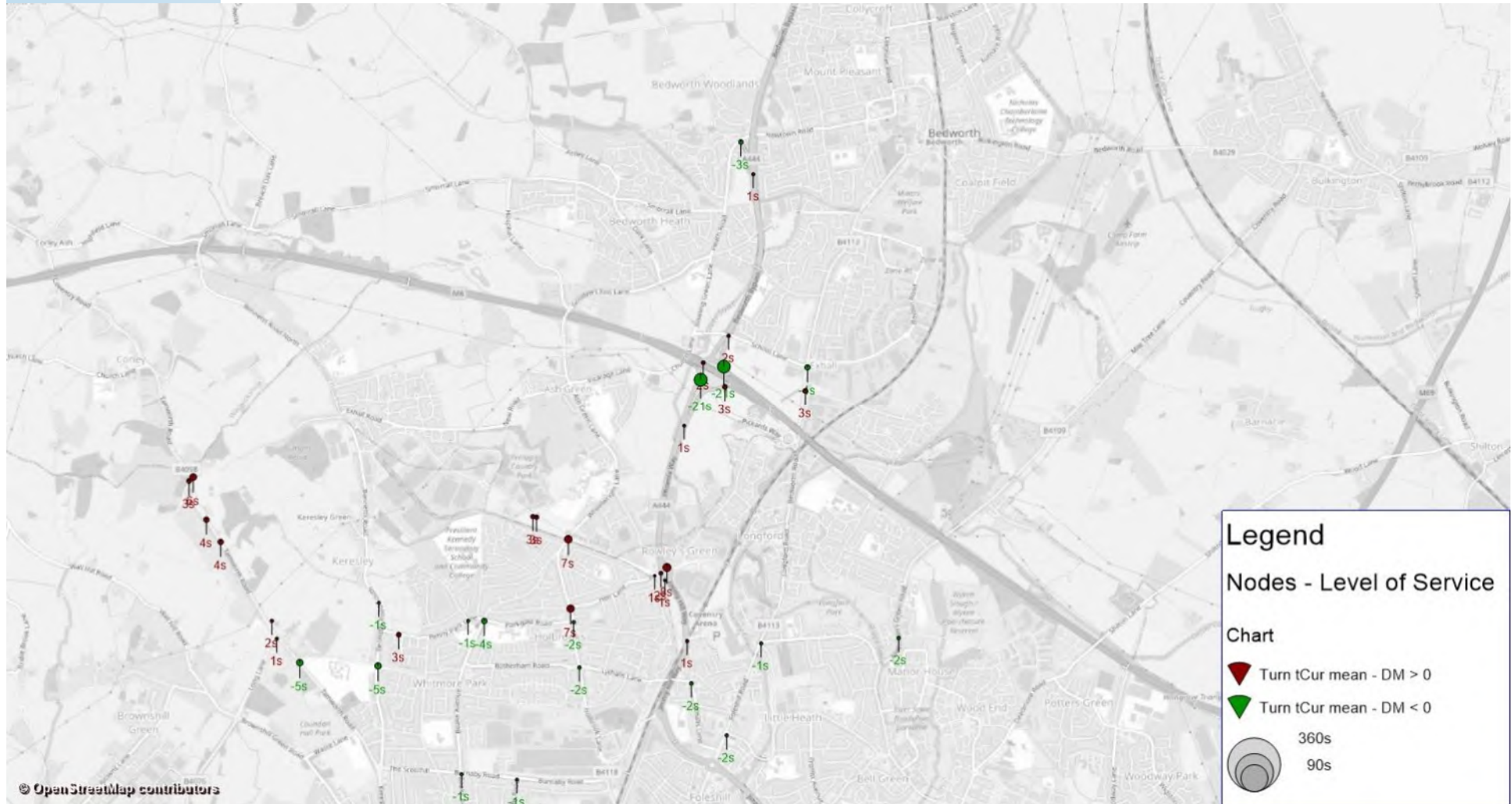
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
4.1	<u>Alignment 2</u> (C-KLR-4)	<u>Hamburger-style layout + New Slips</u> (C-M6J3-3)		<u>Link to Stephenson Rd (C-HLC-3)</u>	<u>A444 flyover</u> (S-RGI-2)	<u>North-facing slip roads onto A444</u> (S-NRS-1)

P5 : Node Delay Difference (AM)



Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
5	Alignment 2a (C-KLR-5)	Close B4113 arm (C-M6J3-7)		Link to Stephenson Rd (C-HLC-3)	Hamburger-style layout (S-RGI-3)	North-facing slip roads onto A444 (S-NRS-1)

P6 : Node Delay Difference (AM)

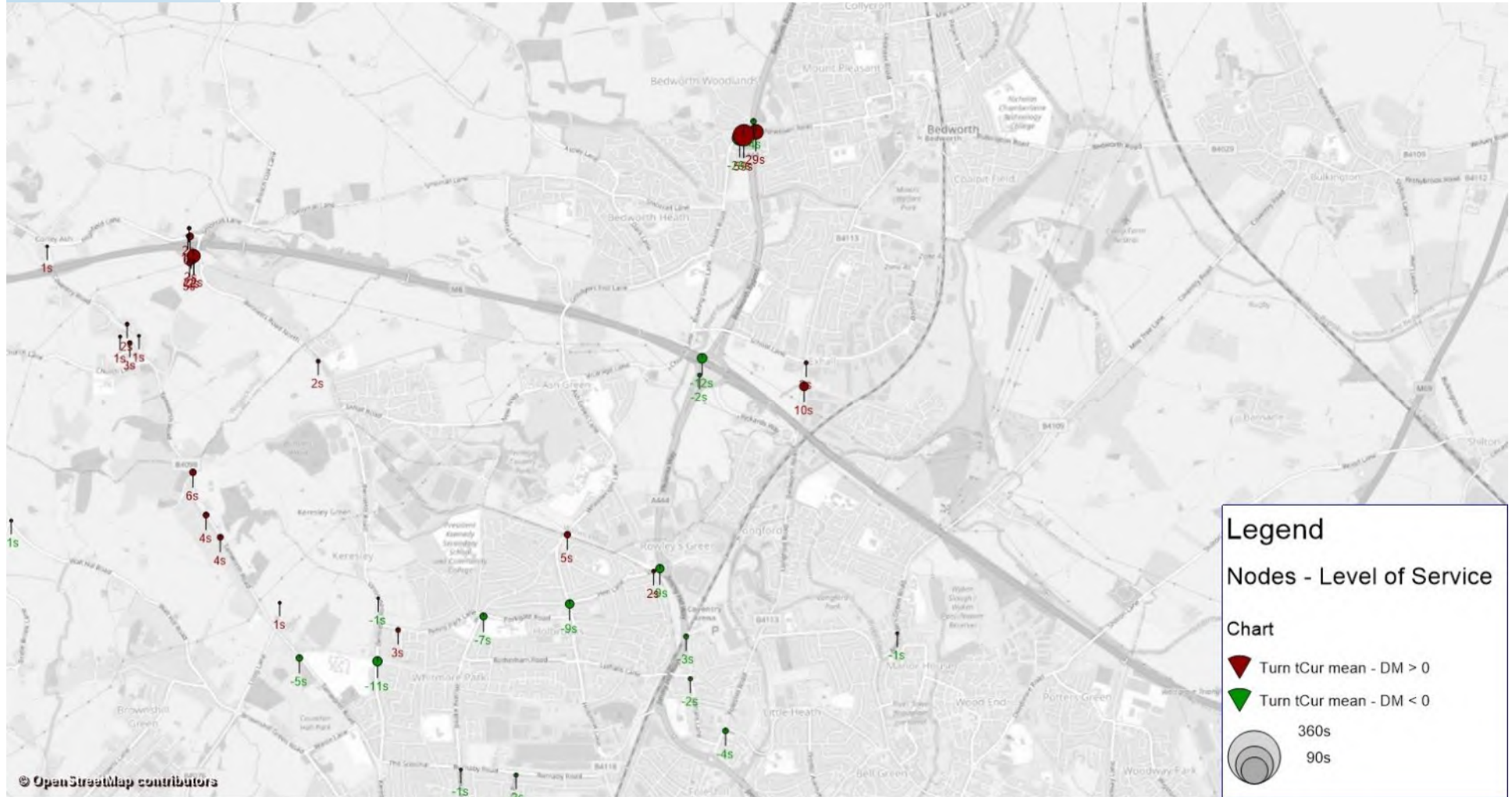


Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
6	Alignment 2a (C-KLR-5)	A444 tunnel (C-M6J3-5)		Optimisation of level crossing signals (C-HLC-4)	Free-flow left turn lane from Winding House Ln NB (S-RGI-1)	

PM Peak

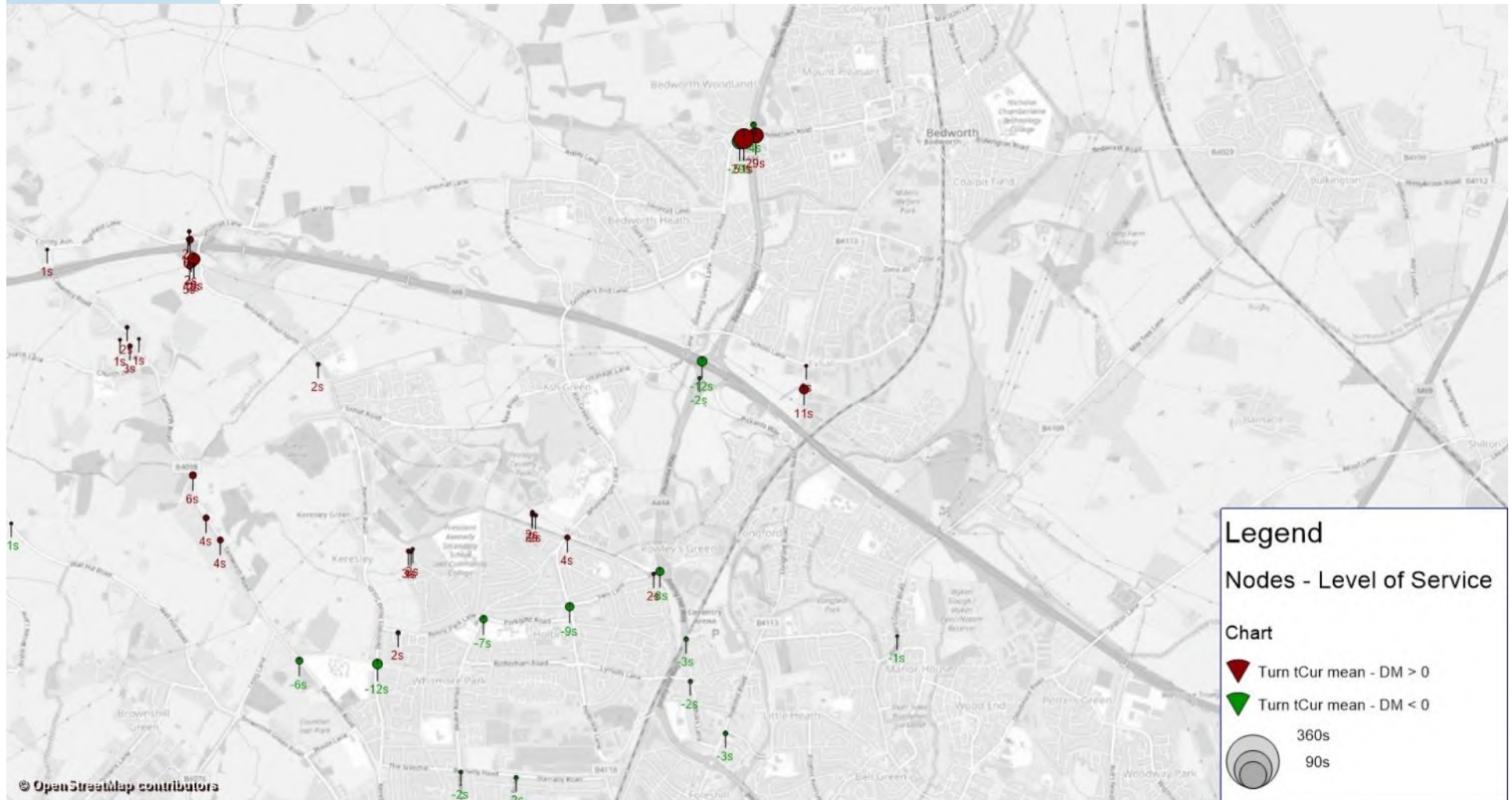
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P1 : Node Delay Difference (PM)



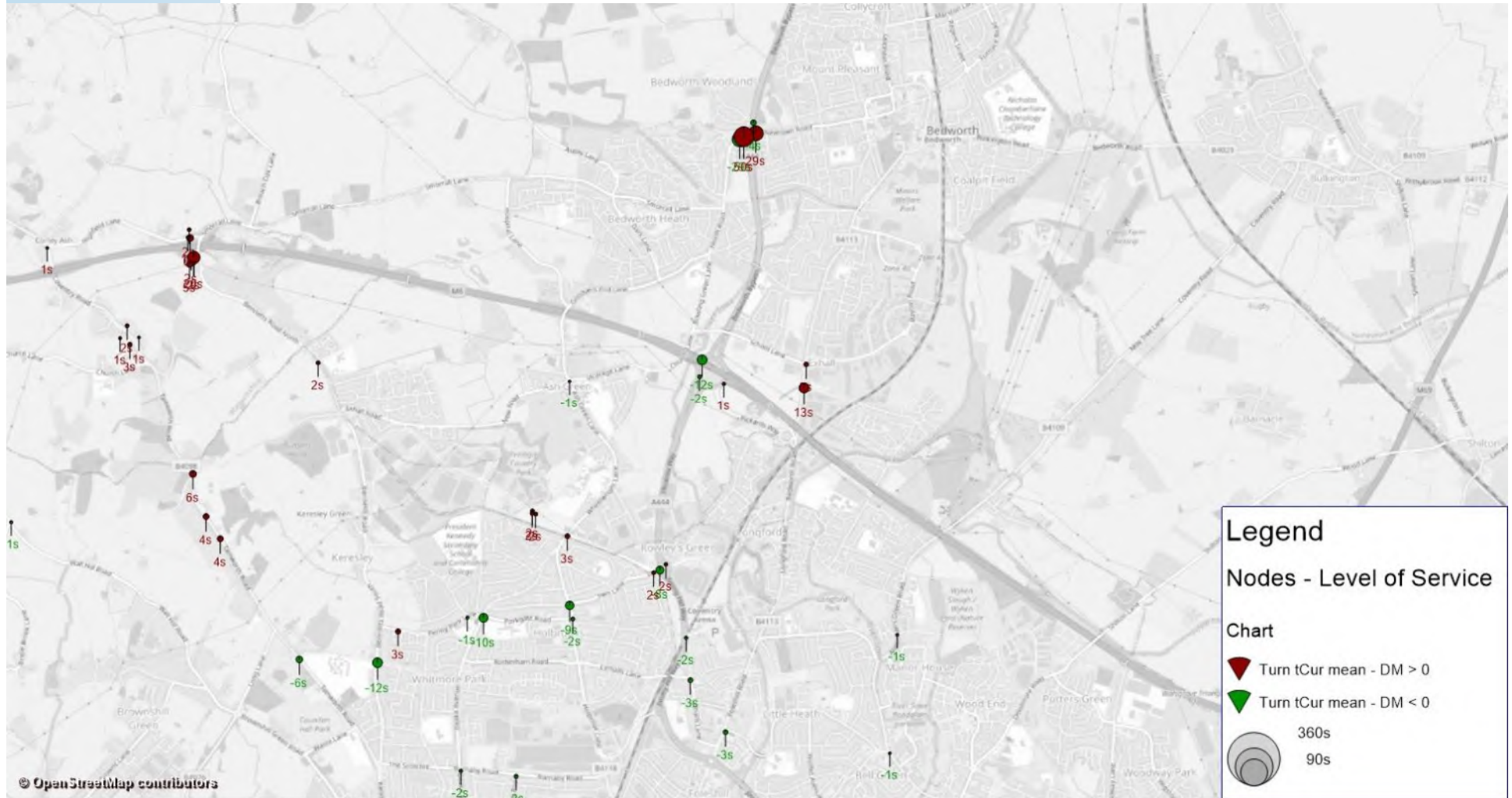
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1	Partial Link Road (C-KLR-2)	-	New jct at Corley plus Link Road to Eastern Green (S-NM6J-1 + S-NM6J-5)	-	-	North-facing slip roads onto A444 (S-NRS-1)

P1_A1 : Node Delay Difference (PM)



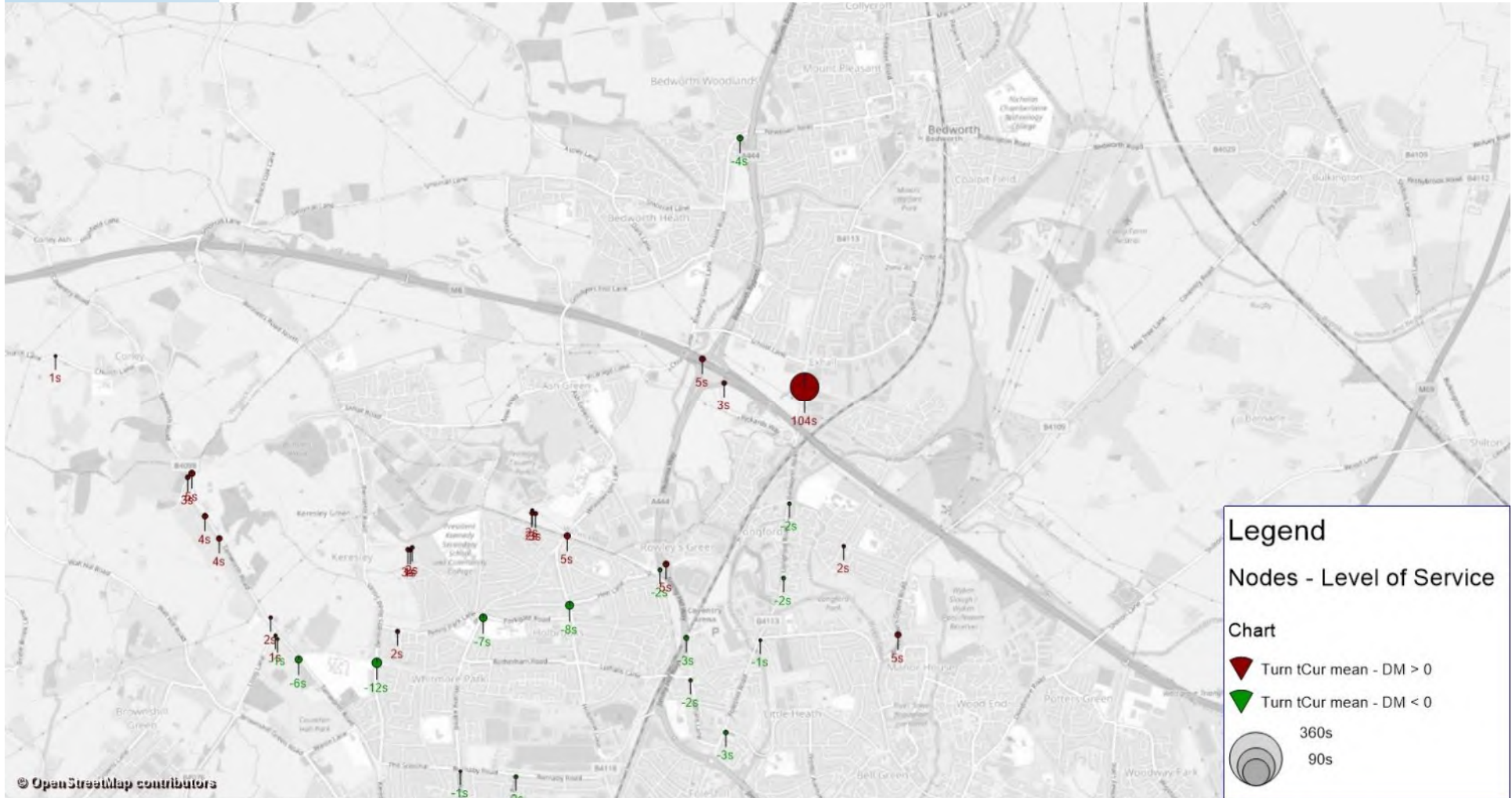
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1-A1	Full KLR Alignment 2		New jct at Corley plus Link Road to Eastern Green (S-NM6J-1 + S-NM6J-5)			North-facing slip roads onto A444 (S-NRS-1)

P1_A2 : Node Delay Difference (PM)



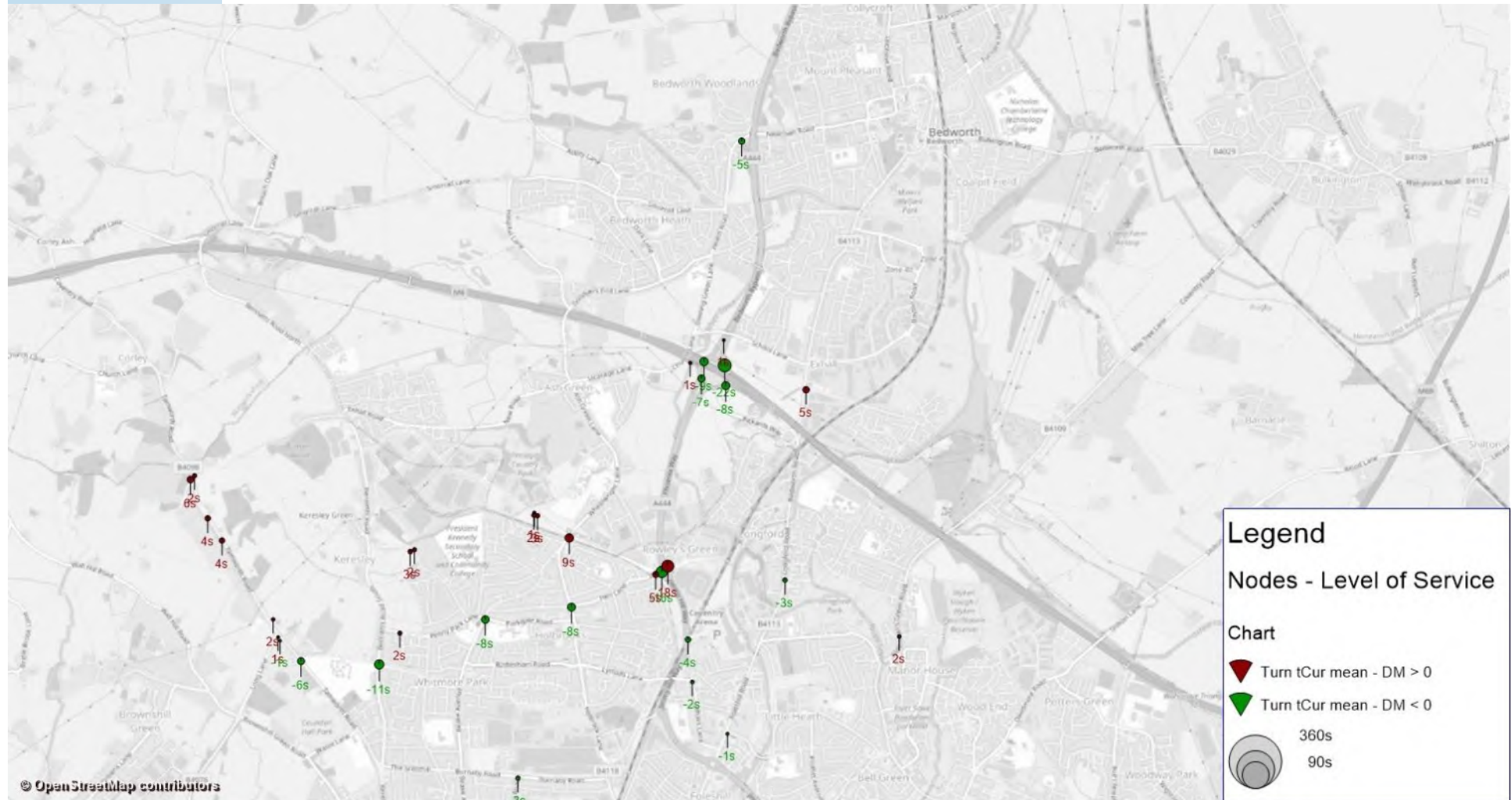
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1	Full KLR Alignment 2A	-	New jct at Corley plus Link Road to Eastern Green (S-NM6J-1 + S-NM6J-5)	-	-	North-facing slip roads onto A444 (S-NRS-1)

P2_A1 : Node Delay Difference (PM)



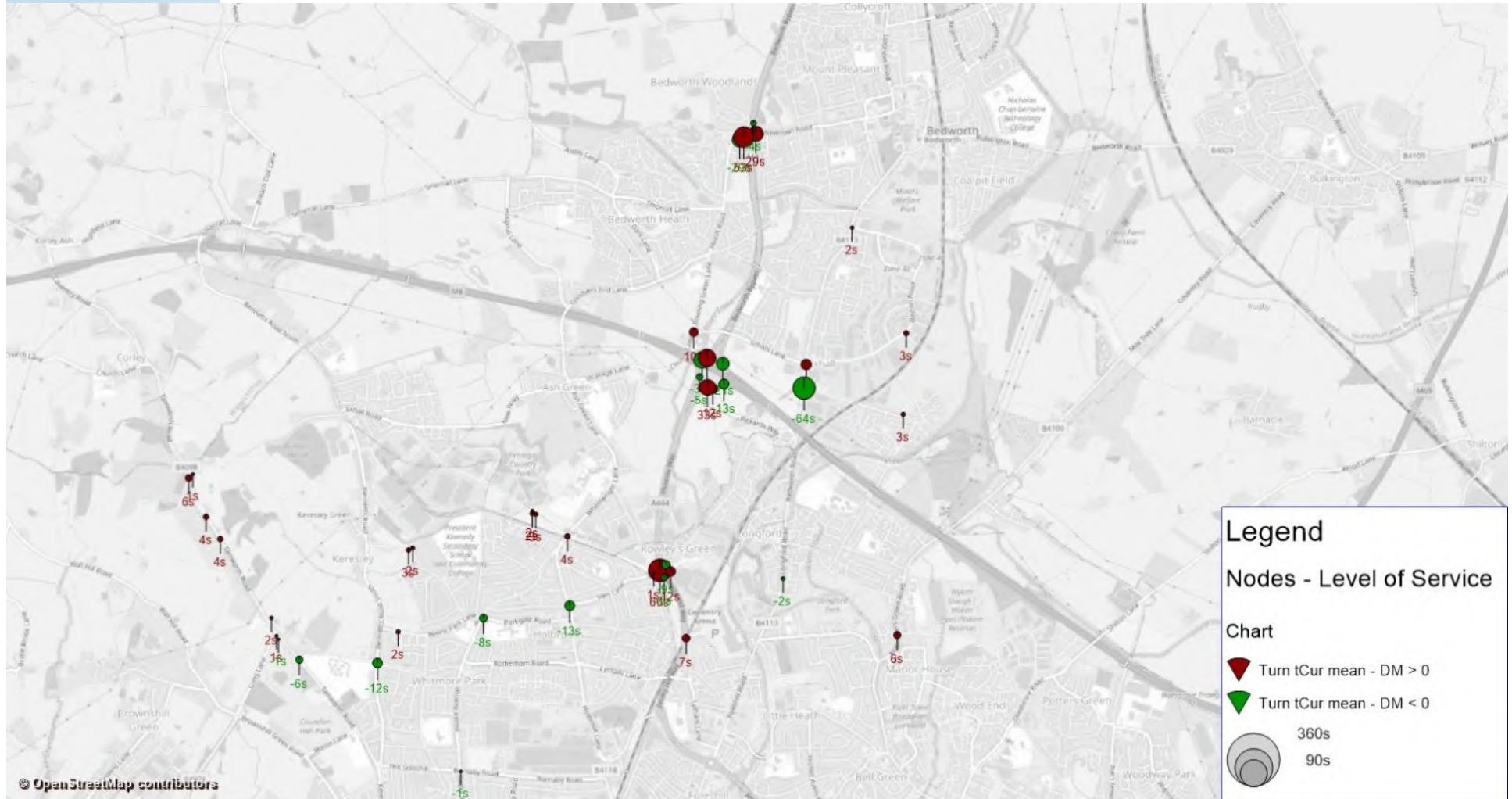
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
2	Alignment 2 (C-KLR-4)		New jct at B4102 plus Link Road to Meriden (S-NM6J-3 + S-NM6J-6)	Bridge on Blackhorse Rd (C- HLC-2)		

P3 : Node Delay Difference (PM)



Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
3	Alignment 2 (C-KLR-4)	Free-flow left-turn slips (C-M6J3-4)		Bridge on Blackhorse Rd (C-HLC-2)	Free-flow left turn lane from Winding House Ln NB (S-RGL-)	

P4_A1 : Node Delay Difference (PM)



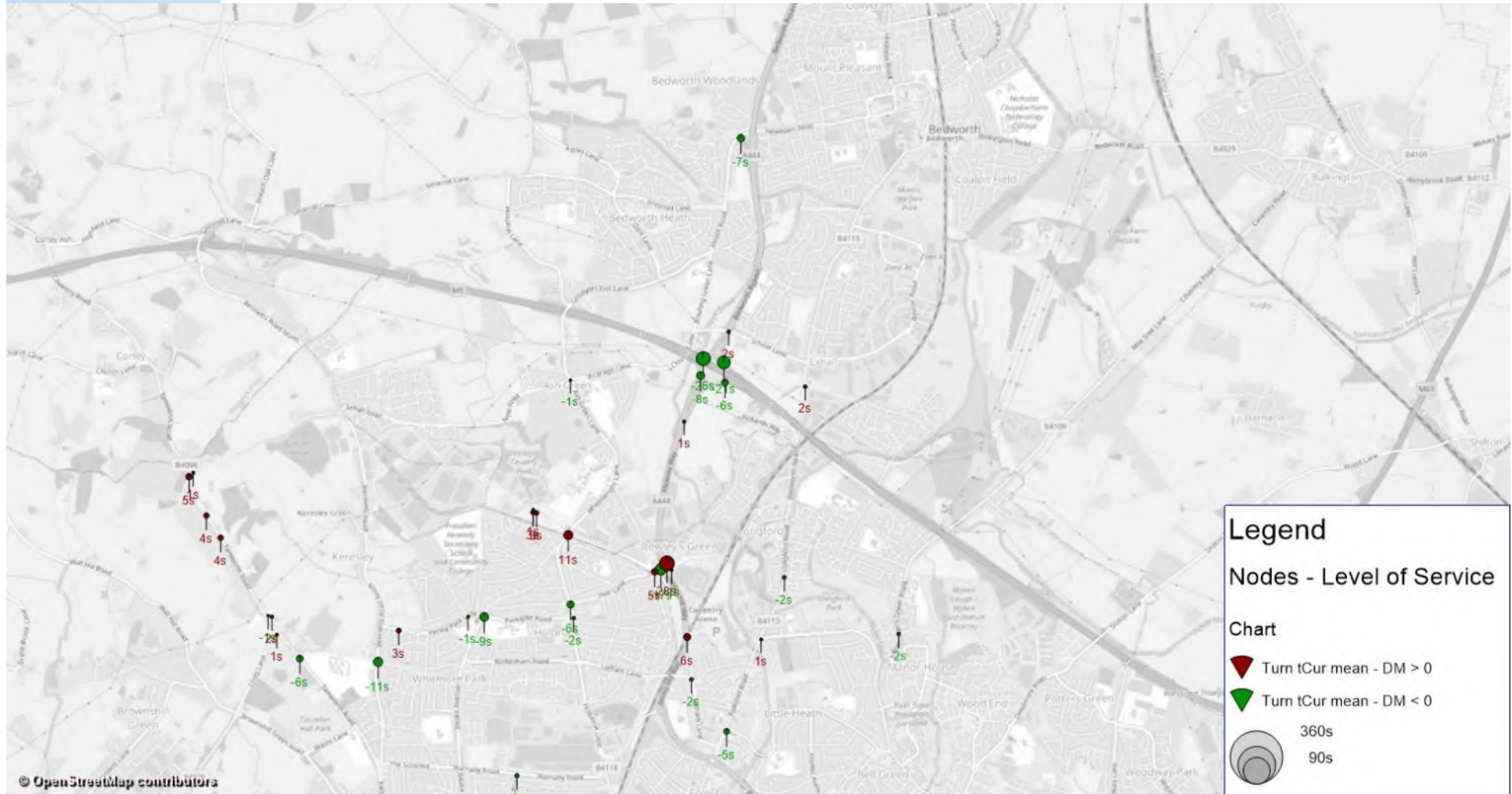
Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
4.1	Alignment 2 (C-KLR-4)	Hamburger-style layout + New Slips (C-M6J3-3)		Link to Stephenson Rd (C-HLC-3)	A444 flyover (S-RGI-2)	North-facing slip roads onto A444 (S-NRS-1)

P5 : Node Delay Difference (PM)



Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
5	Alignment 2a (C-KLR-5)	Close B4113 arm (C-M6J3-7)		Link to Stephenson Rd (C-HLC-3)	Hamburger-style layout (S-RGI-3)	North-facing slip roads onto A444 (S-NRS-1)

P6 : Node Delay Difference (PM)



Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
6	Alignment 2a (C-KLR-5)	A444 tunnel (C-M6J3-5)	-	Optimisation of level crossing signals (C-HLC-4)	Free-flow left turn lane from Winding House Ln NB (S-RGI-1)	-

Section 5: Journey Route Time Analysis

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Node Delay Difference Analysis Summary (AM/PM)

- P1 (Partial Link Rd) / P1.1 (Opt 2)/ P1.2 (Opt 2A)
 - Journey improvements towards Bedworth & Nunetaon via M6 J3
 - Largest time savings 6 to 8 minutes (between Keresley and M6 W) for both AM and PM peaks
 - Improve journey times between Keresley & BIA (reduction 1 to 2 minutes)
 - Some journey time improvements between Beake Ave & Wheelwright Lane
- P2
 - Minimal journey time improvements along the selected routes except between Keresley to M6 W.
 - Some journey time improvements between Beake Ave & Wheelwright Lane
- P3
 - Routes via M6 J3
 - AM peak: about 1 to 2 minutes journey time savings.
 - PM peak: 1 to 2.4 minutes journey time savings
 - No changes journey times routes to BIA and between strategic routes between M42 and M6 E.
 - Some journey time improvements between Beake Ave & Wheelwright Lane

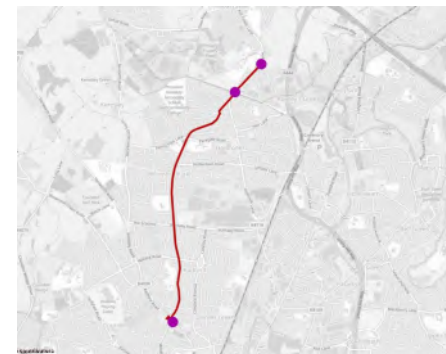
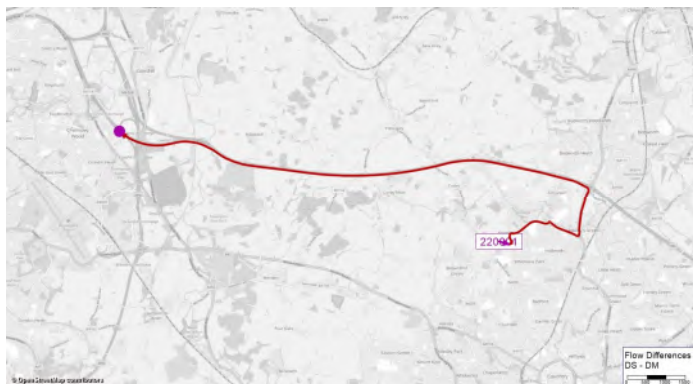
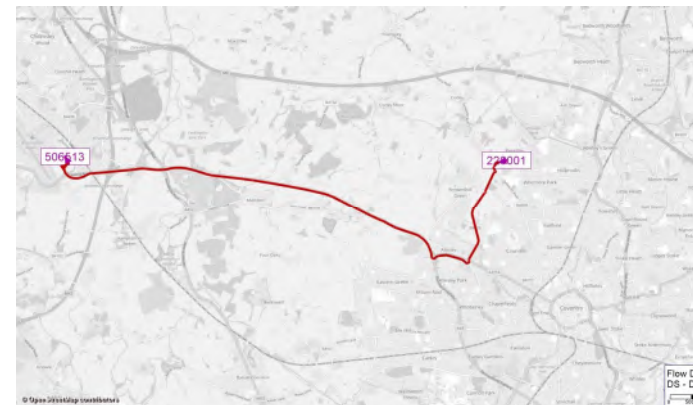
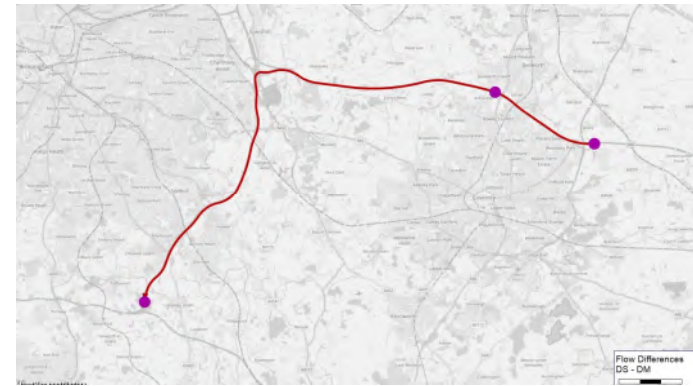
Node Delay Difference Analysis Summary (AM/PM)

- P4_A1
 - Similar as P4 but less journey time savings routes via M6 J3 due signalised junction at Hamburger Roundabout.
 - No changes journey times routes to BIA and between strategic routes between M42 and M6 E.
 - Some journey time improvements between Beake Ave & Wheelwright Lane
- P5
 - Minimal journey time savings routes via M6 J3 due additional congestion at A444 Hamburger Roundabout
 - No changes journey times routes to BIA and between strategic routes between M42 and M6 E.
 - Some journey time improvements between Beake Ave & Wheelwright Lane
- P6
 - Significant journey time savings routes towards A444 (Nuneaton & Bedworth) both directions due to the tunnel (1.5 to 4 minutes)
 - Time benefits other routes via M6 J3, due to more capacity at the junction.
 - No changes journey times routes to BIA and between strategic routes between M42 and M6 E.
 - Some journey time improvements between Beake Ave & Wheelwright Lane

Analysis Methodology

- 6 Journey Time Routes
 1. Keresley to A444
 2. Keresley to M6 EB
 3. Keresley to M6 WB
 4. Keresley to Birmingham International
 5. M42 to M6 EB
 6. Beake Ave to Wheelwright Lane

Analysis Methodology



Results

AM	Time Savings (Minutes)											
	Keresley to A444 (Bedworth)	A444 (Bedworth) to Keresley	Keresley to M6 E	M6 Eto Keresley	Keresley to M6 W	M6 W to Keresley	Keresley to BIA	BIA to Keresley	M42 NB to M6 EB	M6 WB to M42 SB	Beake Ave to Wheelwright Lne	Wheelwright Lne to Beake Ave
P1	1.3	0.4	1.6	2.1	6.6	8.2	2.2	1.1	0.2	-0.2	0.1	0.9
P1_A1	1.2	0.5	1.8	2.1	6.8	8.2	2.2	1.1	0.2	-0.2	0.2	0.9
P1.A2	1.3	0.4	1.6	2.1	6.6	8.2	2.2	1.1	0.2	-0.2	-0.8	1.8
P2	0.7	-0.3	0.7	0.1	3.3	6.5	0.1	0.3	0.2	0.5	0.2	0.9
P3	1.2	0.3	1.2	1.3	1.7	0.3	0.4	0.3	-0.1	-0.1	0.1	1.1
P4_A1	0.8	1.1	0.8	1.6	1.7	0.9	0.4	0.3	0.0	0.0	0.2	1.1
P5	0.4	-0.2	0.4	0.9	0.5	0.2	0.1	0.3	0.1	0.2	0.2	1.0
P6	2.0	1.5	1.3	0.3	1.2	0.0	0.0	0.3	-0.1	0.0	0.1	0.9

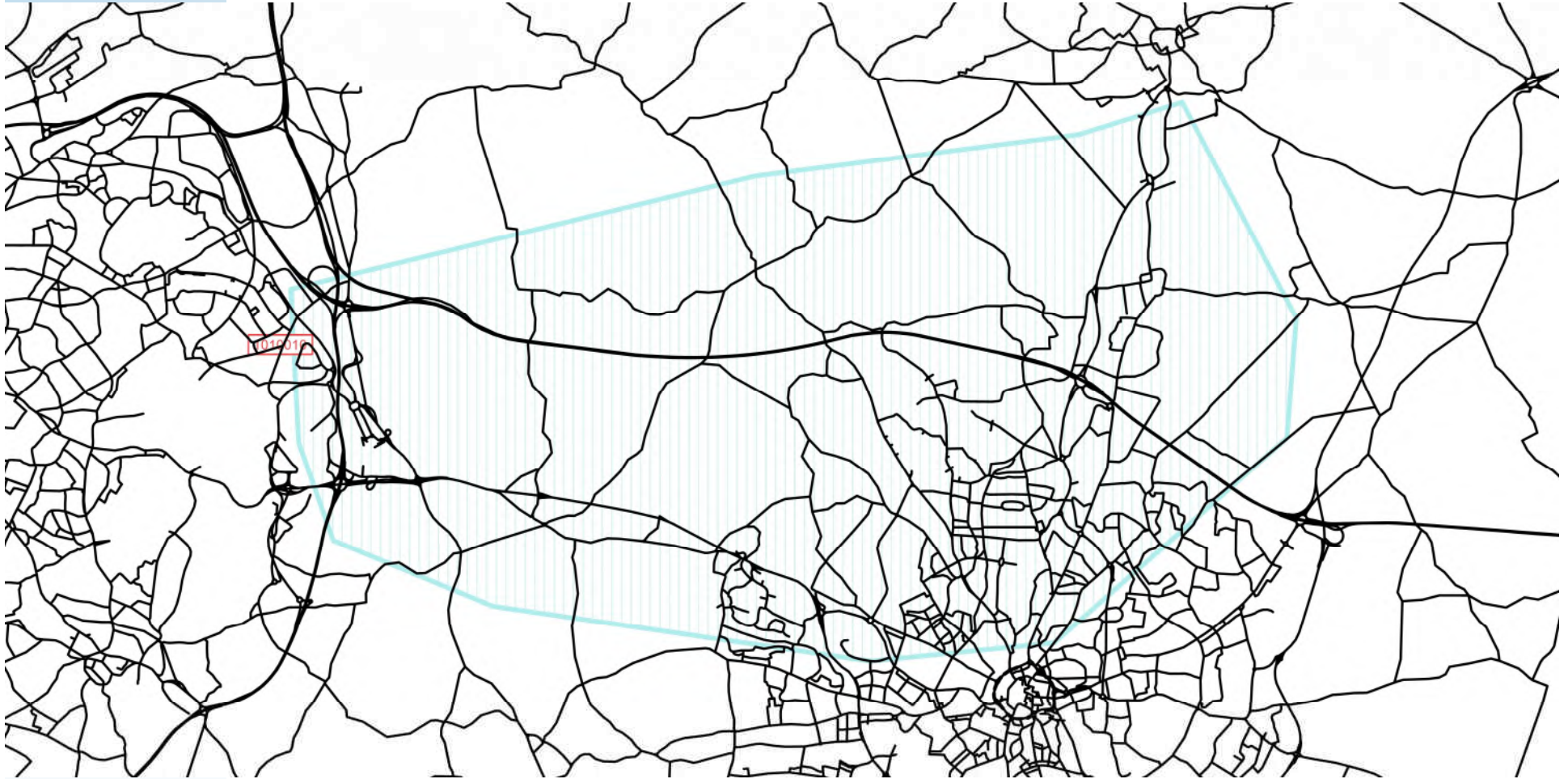
79

PM	Time Savings (Minutes)											
	Keresley to A444 (Bedworth)	A444 (Bedworth) to Keresley	Keresley to M6 E	M6 Eto Keresley	Keresley to M6 W	M6 W to Keresley	Keresley to BIA	BIA to Keresley	M42 NB to M6 EB	M6 WB to M42 SB	Beake Ave to Wheelwright Lne	Wheelwright Lne to Beake Ave
P1	1.7	0.4	3.1	1.2	7.1	8.8	1.1	1.3	0.5	-0.2	0.1	0.3
P1_A1	1.8	0.7	3.1	1.3	7.1	8.8	1.0	1.3	0.5	-0.2	0.1	0.3
P1.A2	1.8	0.7	3.1	1.3	7.1	8.8	1.0	1.3	0.5	-0.2	0.1	0.3
P2	0.3	0.3	0.3	0.6	4.3	6.3	0.4	0.1	0.5	0.2	0.1	0.3
P3	2.4	1.5	2.3	0.4	2.4	0.9	0.4	0.1	0.0	-0.1	0.0	0.3
P4_A1	1.2	2.2	1.0	1.0	0.9	1.0	0.3	-0.1	0.0	-0.1	0.1	0.3
P5	0.6	0.8	0.7	0.1	-0.2	0.5	0.3	0.2	0.1	0.0	0.1	0.3
P6	3.7	2.5	3.0	-0.1	2.0	0.4	0.4	0.0	0.1	0.0	0.0	0.3

Section 6: Network Statistics

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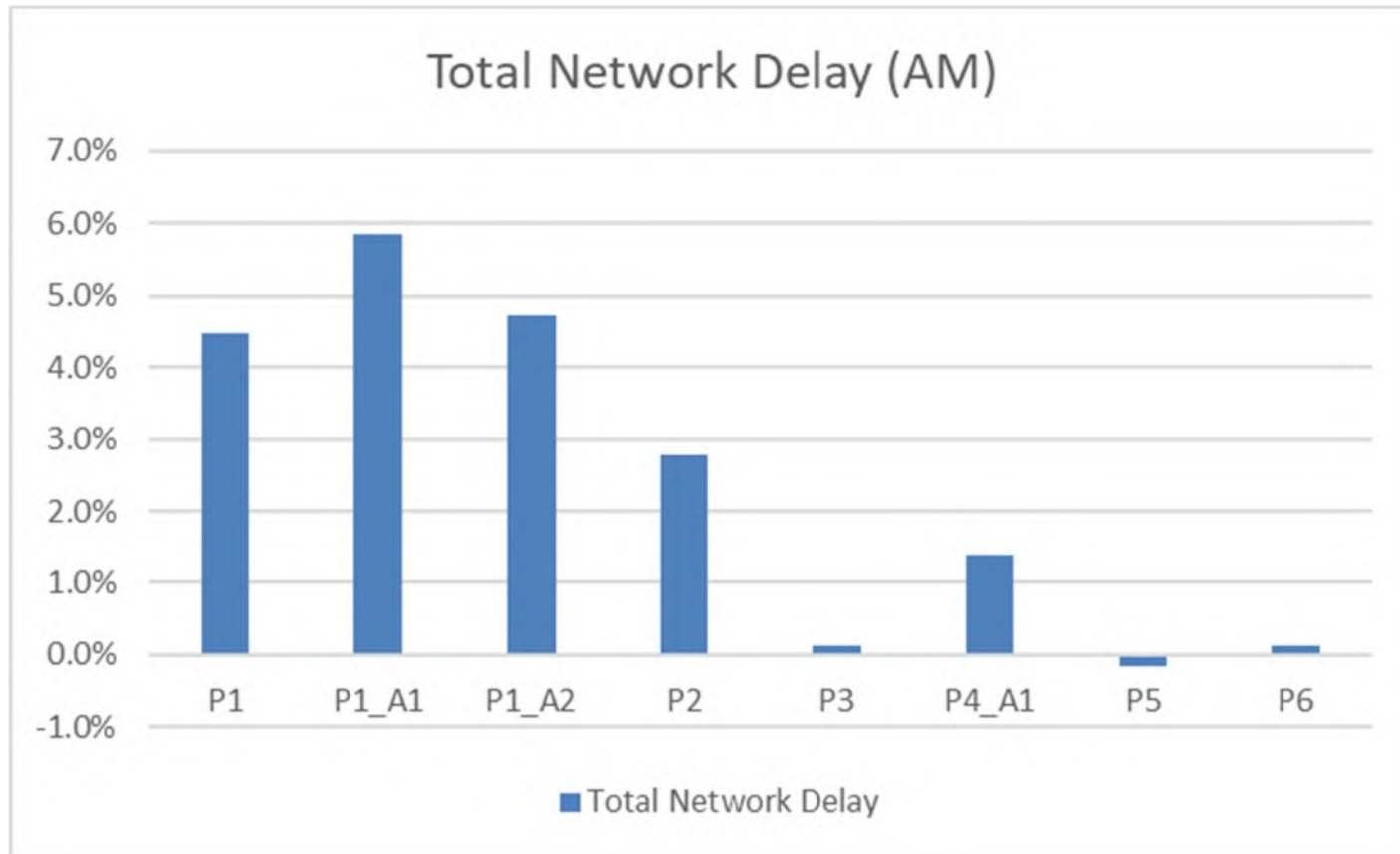
**Network Statistics were extracted
from the area outlined in blue**



Summary

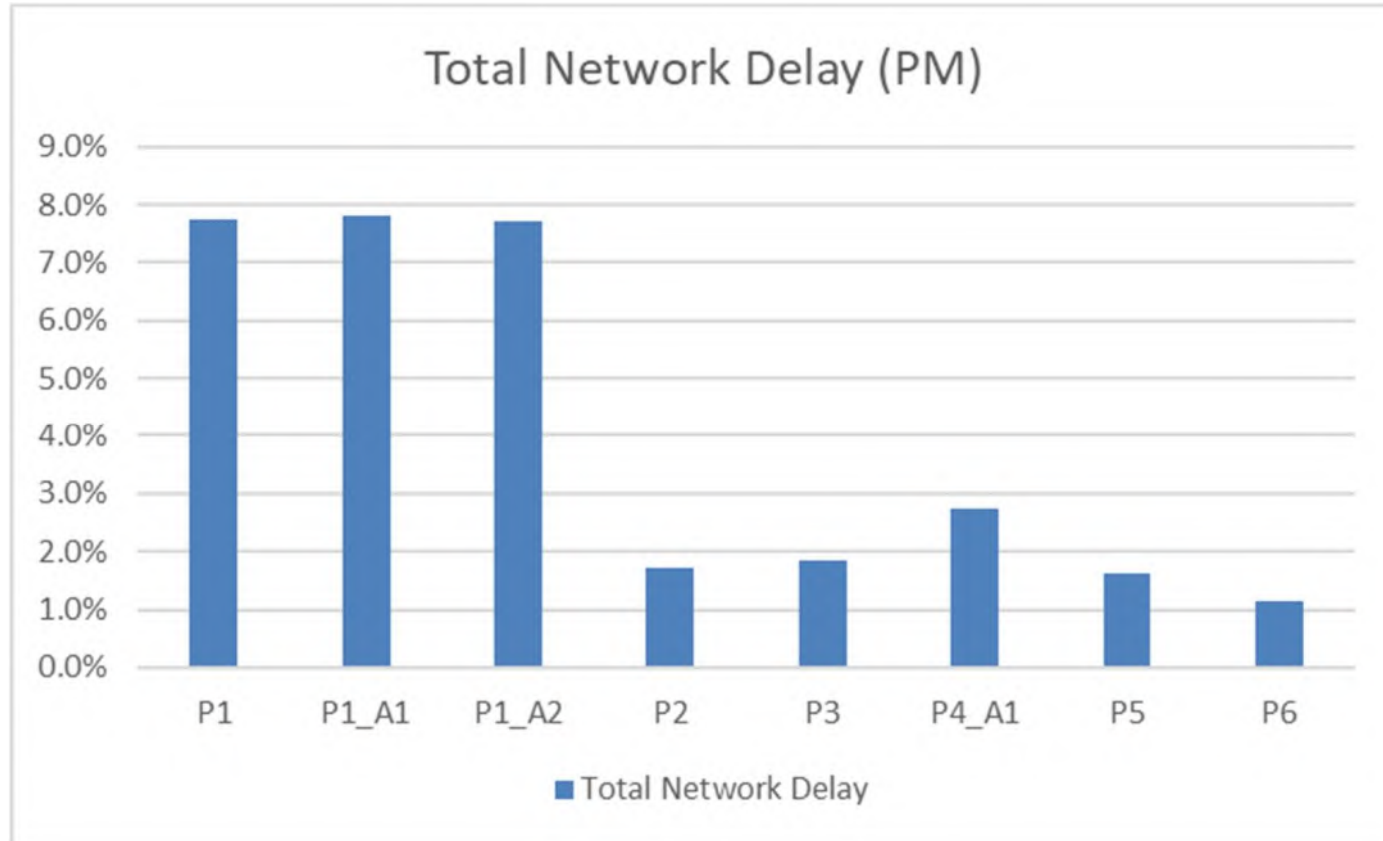
- Network Delay
 - AM – P1 performs the best followed by P2 and P4A_1
 - PM – P1 performs the best followed by P4 and P3
- Over Capacity Queues
 - AM – P1 performs the best followed by P6 and P4A_1
 - PM – P1 performs the best followed by P5 and P3
- Total Travel Time
 - AM – P1 performs the best followed by P2 and P4_A1
 - PM – P1 performs the best followed by P4and P2

Network Delay Comparison Reduction (veh hr)

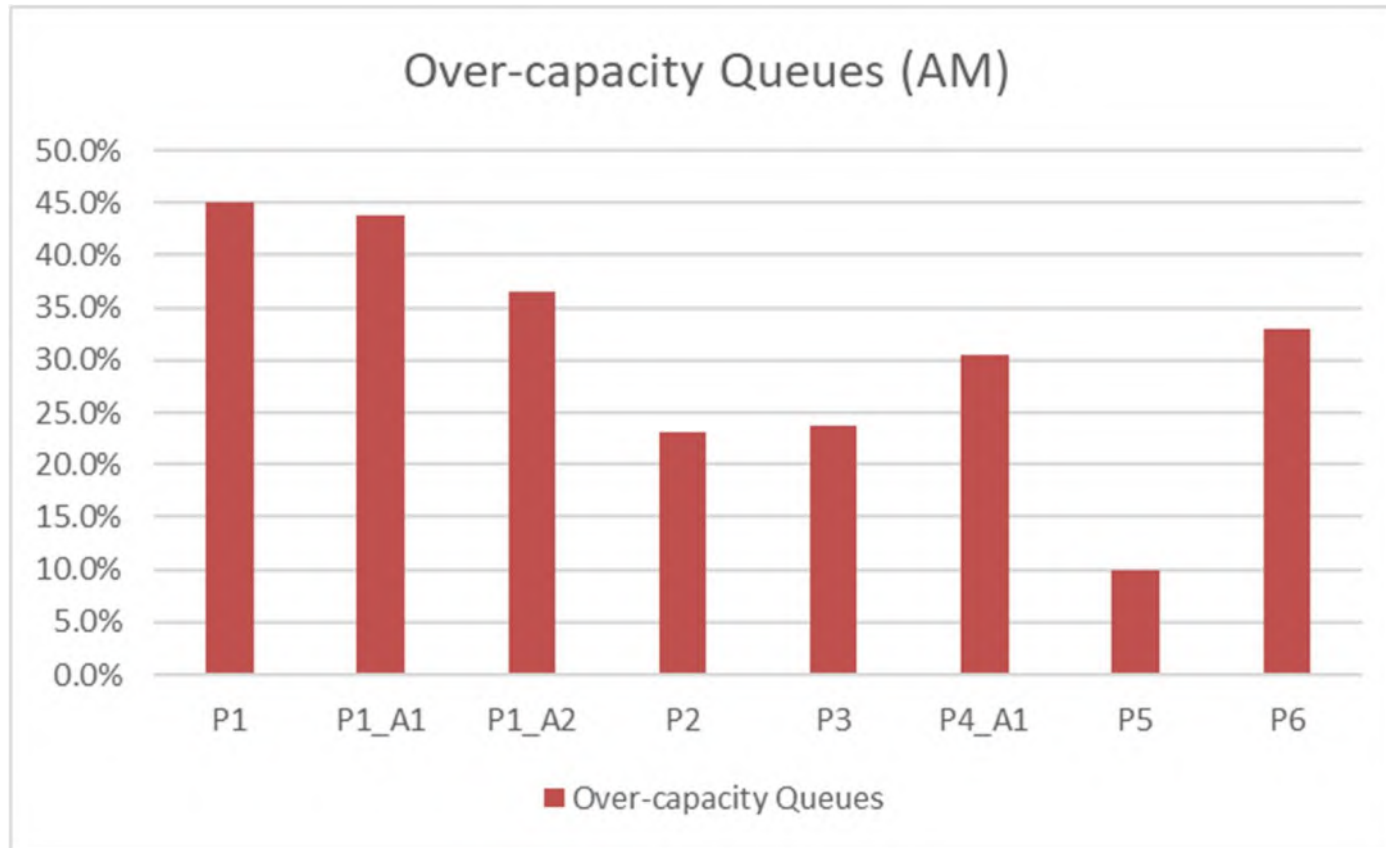


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Network Delay Reduction (veh hr)

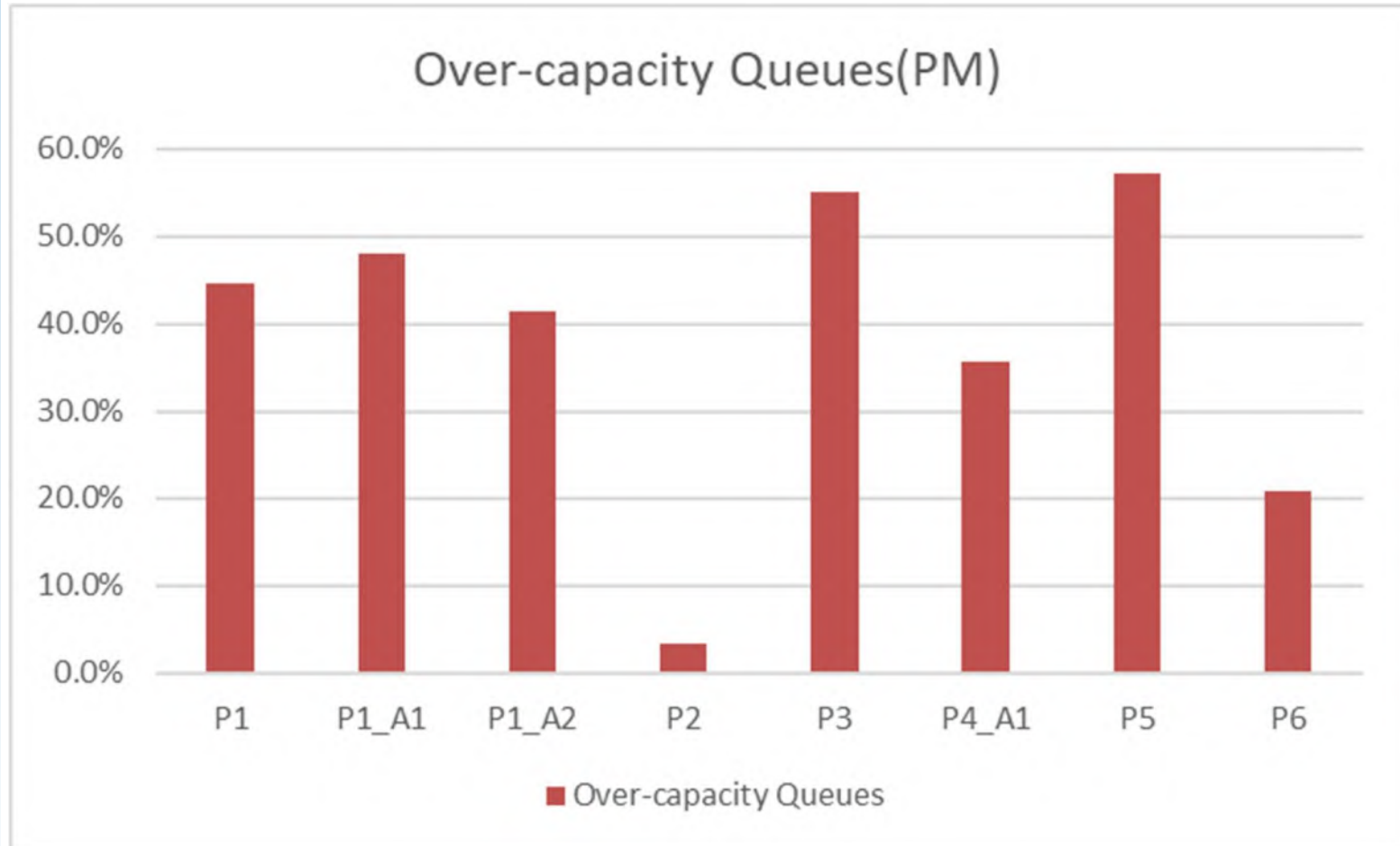


Over Capacity Queue Reduction (Hrs)



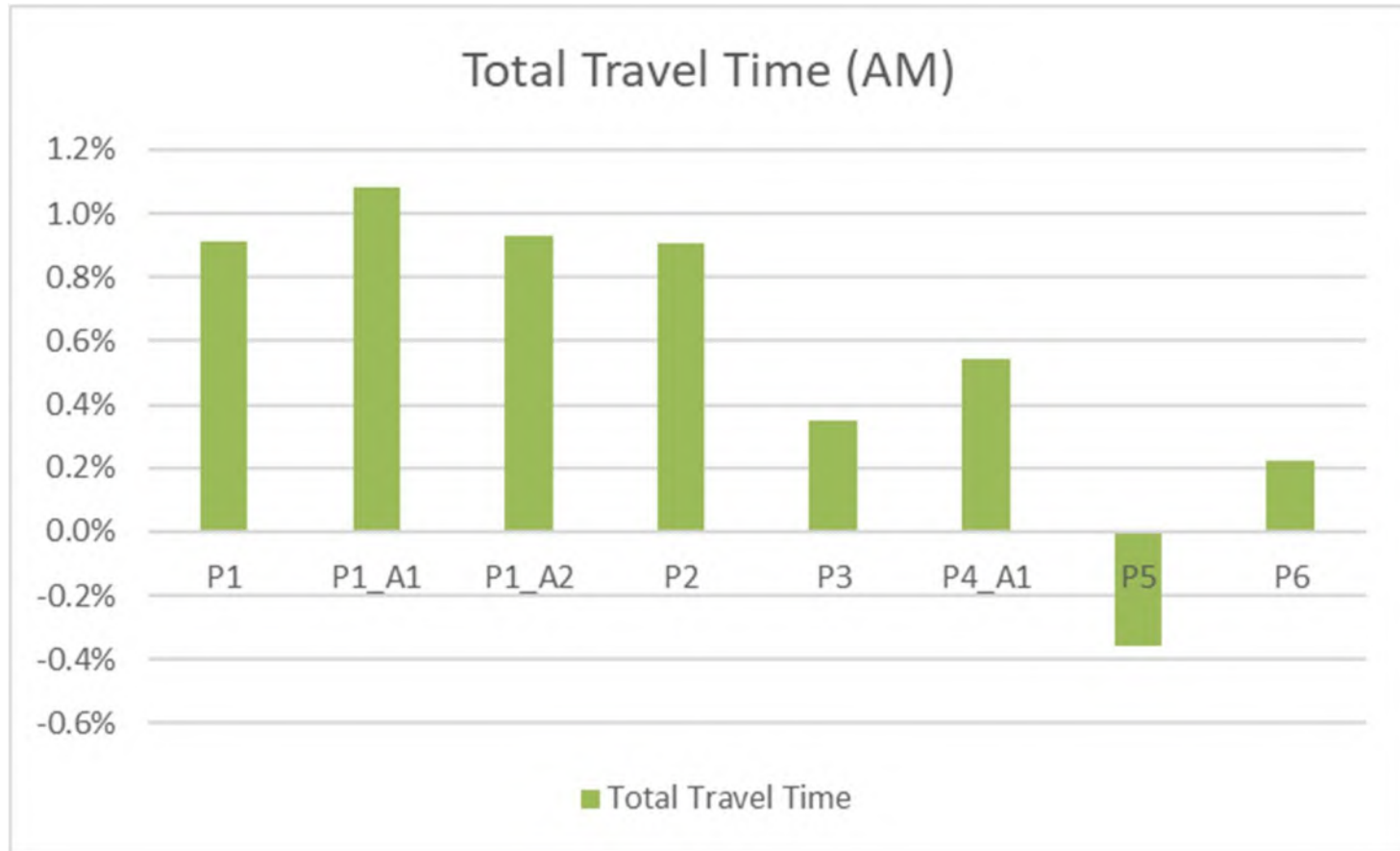
85

Over Capacity Queue Reduction (Hrs)

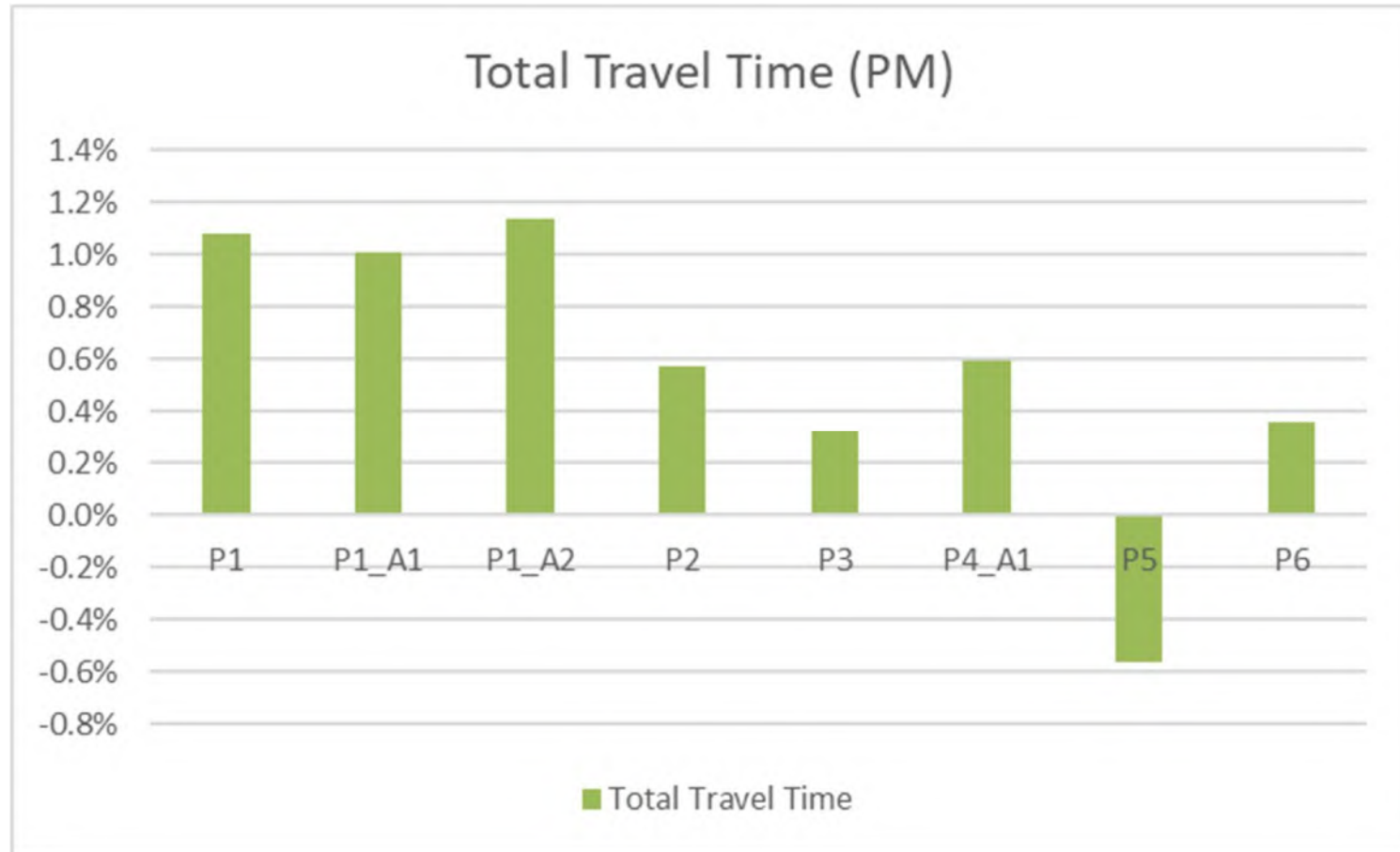


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Total Travel Time Reduction (veh hr)



Total Travel Time Reduction (veh hr)



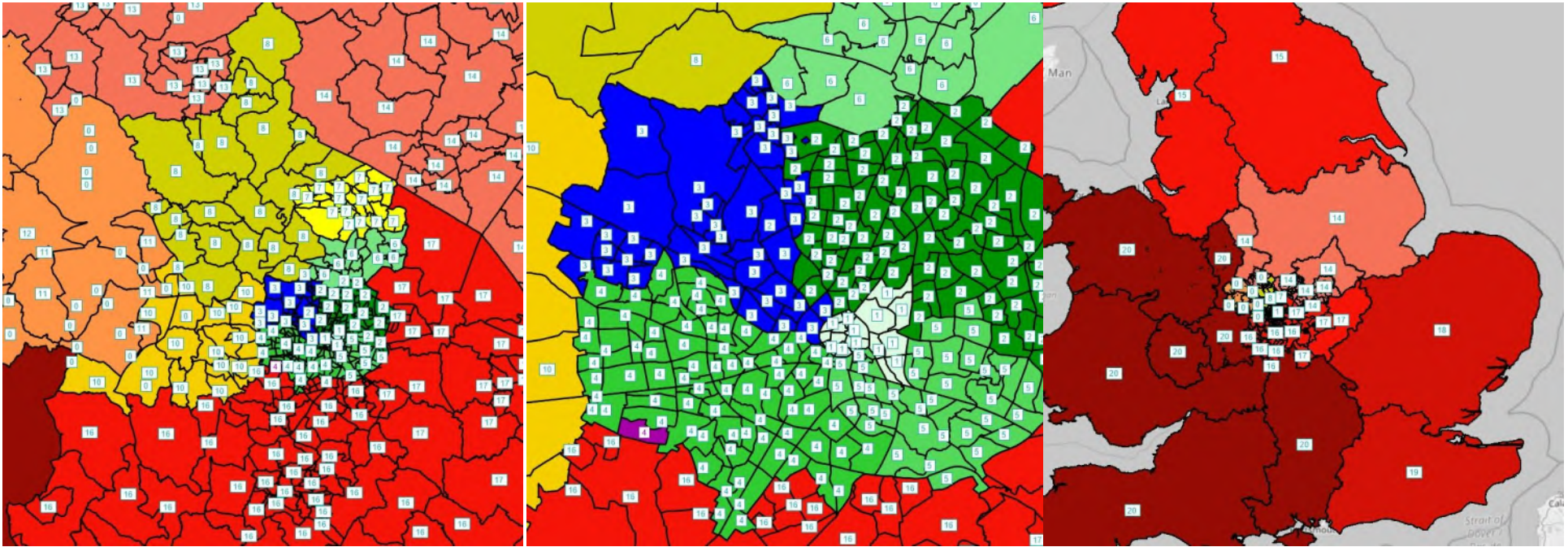
Section 5: Journey Time Skims Sector Analysis

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Sector Journey Time Analysis (minutes)

- DS vs DM skims for all vehicle types
- Summation of difference
- P1 gives the most benefits
- Followed by P6, P3, P4, P2 and P5 disbenefits in AM peak.

Model Senario	AM	PM
P1	-1,181,316	-1,092,711
P1.A1	-1,135,487	-1,165,294
P1.A2	-1,086,124	-1,021,313
P2.A1	-234,991	-137,806
P3	-302,631	-375,074
P4.A1	-183,293	-249,508
P5	14,912	-43,020
P6	-405,854	-309,082



Sectors

AM Results



P1

Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1	Partial Link Road (C-KLR-2)		New jct at Corley plus Link Road to Eastern Green (S-NM6J-1 + S-NM6J-5)			North-facing slip roads onto A444 (S-NRS-1)

Total	Coventry Central	Coventry NE	Coventry NW	Coventry SW	Coventry SE	Bedworth	Nuneaton	North Warks	Solihull (East)	East Bham + West Solihull	West Bham + West Mids	Tamworth + Lichfield	Leicester +Derbyshire +Nottinghamshire	North + Scotland	Warwick + Stratford	Rugby +Daventry+ Northamptonshire	East Anglia	London + SE	Worcestershire + Wales + Oxfordshire+SW	Grand Total	
Coventry Central	1	-95	-1,238	-958	-5,250	-430	-625	-2,180	-718	-914	-602	-490	-1,238	-2,038	-173	-994	-558	-7	-8	-127	-18,641
Coventry NE	2	-3,958	-6,732	-25,116	-48,751	-7,634	-4,047	-9,393	-10,572	-17,441	-3,210	-2,737	-8,098	-10,917	-1,041	-21,927	-5,670	-57	-174	-1,621	-189,097
Coventry NW	3	-2,910	-16,734	-11,206	-19,625	-6,078	-7,748	-12,742	-3,060	-7,089	-4,253	-5,143	-7,825	-54,743	-2,544	-18,882	-28,493	-905	-757	-2,675	-213,412
Coventry SW	4	-1,653	-20,585	-9,740	-3,387	-2,923	-15,767	-31,015	-6,119	-567	-776	-313	17	-54,615	655	-3,227	-18,577	-416	-130	870	-168,269
Coventry SE	5	-1,417	-6,996	-6,452	-8,251	-1,265	-3,020	-6,218	-5,542	-2,226	-1,395	-850	-4,104	-2,344	93	-2,068	-798	-36	-18	-201	-53,108
Bedworth	6	915	7,800	-5,973	-25,849	2,509	63	-1,693	-617	-4,616	-1,047	-1,029	-1,330	-1,288	-401	-643	459	34	3	-588	-33,291
Nuneaton	7	-2,473	-2,465	-11,763	-37,592	-3,629	-1,756	-78	-731	-2,949	-1,079	-403	-520	-404	-28	-4,100	-366	22	-15	-285	-70,616
North Warks	8	-624	-3,979	-538	-8,370	-3,296	-880	-813	-317	-1,634	-832	-734	-379	-7,723	-124	-8,044	-7,611	-163	-190	-369	-46,621
Solihull (East)	10	-935	-10,759	-3,696	105	-452	-3,448	-1,913	-668	57	-174	-86	-462	-20,594	-164	-826	-8,992	-200	-100	8	-53,301
East Bham + West Solihull	11	-364	-2,113	-2,552	107	-387	-833	-352	-267	18	-13	-4	-44	172	-7	320	307	28	7	18	-5,957
West Bham + West Mids	12	-209	-2,819	-4,340	559	262	-968	-193	-496	157	3	-3	15	223	-4	905	488	14	6	0	-6,400
Tamworth + Lichfield	13	-530	-6,955	-5,945	-802	-1,304	-2,151	-426	-488	-297	-68	-46	-431	-4	-1,385	-1,131	-15	-24	-152	-22,448	
Leicester +Derbyshire+Nottinghamshire	14	-1,485	-8,019	-55,655	-38,274	-2,176	-2,737	-1,805	-6,885	-15,727	-13	450	-1,767	-556	-21	-1,086	70	23	-7	354	-135,315
North + Scotland	15	-93	-1,119	-2,175	-546	-37	-365	-79	-139	-57	-25	-8	-22	-5	-0	118	76	0	1	0	-4,474
Warwick + Stratford	16	-5,453	-19,378	-9,515	-2,287	-2,226	-9,509	-12,661	-5,231	125	406	-251	-3,035	-3,973	-5	489	-1,271	-34	-4	-46	-74,671
Rugby +Daventry+Northamptonshire	17	-1,721	-7,335	-28,616	-15,191	-1,566	-3,501	-3,696	-9,177	-6,196	116	176	-2,657	-770	110	-654	97	15	4	144	-80,417
East Anglia	18	-47	-167	-630	-3	-70	-92	-89	-245	4	7	9	-24	-12	-2	-8	-5	0	0	1	-1,372
London + SE	19	-63	-232	-620	-46	-43	-90	-75	-256	-14	1	-0	-52	-12	2	7	2	0	0	-1	-1,494
Worcestershire + Wales + Oxfordshire+SW	20	-255	-1,329	-1,763	434	-28	-575	-181	-154	328	37	-5	-27	253	-3	539	306	10	2	1	-2,412
Grand Total		-23,369	-111,155	-187,253	-213,020	-30,773	-58,049	-85,604	-51,679	-59,038	-13,954	-11,489	-31,600	-159,777	-3,661	-61,465	-71,666	-1,688	-1,403	-4,670	-1,181,316

P1.A1

Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1	Full KLR Alignment 2		New jct at Corley plus Link Road to Eastern Green (S-NM6J-1 + S-NM6J-5)			North-facing slip roads onto A444 (S-NRS-1)

Total	Coventry Central	Coventry NE	Coventry NW	Coventry SW	Coventry SE	Bedworth	Nuneaton	North Warks	Solihull (East)	East Bham + West Solihull	West Bham + West Mids	Tamworth + Lichfield	Leicester +Derbyshire +Nottinghamshire	North + Scotland	Warwick + Stratford	Rugby +Daventry+Northamptonshire	East Anglia	London + SE	Worcestershire + Wales + Oxfordshire+SW	Grand Total	
	1	2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20		
Coventry Central	1	-90	-1,207	-907	-4,307	-363	-658	-2,022	-599	-862	-501	-397	-1,116	-1,644	-154	-556	-345	-7	-3	-218	-15,957
Coventry NE	2	-3,846	-7,192	-25,238	-45,221	-7,486	-4,229	-8,958	-10,262	-17,256	-2,513	-2,219	-7,250	-10,320	-923	-20,160	-5,736	-63	-174	-1,660	-180,704
Coventry NW	3	-2,822	-17,113	-11,895	-19,789	-5,824	-8,124	-13,632	-3,014	-7,359	-4,142	-5,060	-7,647	-56,035	-2,541	-17,851	-29,156	-932	-779	-2,831	-216,547
Coventry SW	4	-1,356	-21,763	-10,196	-3,040	-2,541	-16,424	-31,888	-5,902	-506	-536	-240	730	-55,870	732	-2,284	-18,653	-427	-127	788	-169,503
Coventry SE	5	-1,071	-5,862	-5,709	-7,141	-969	-2,926	-5,804	-5,149	-1,970	-1,080	-618	-3,603	-1,900	145	-1,507	-565	-24	-15	-301	-46,071
Bedworth	6	1,092	8,492	-5,949	-25,532	2,441	59	-1,752	-576	-4,643	-945	-1,080	-1,225	-1,193	-388	-738	563	28	-4	-568	-31,916
Nuneaton	7	-2,375	-2,619	-11,736	-37,167	-3,568	-1,685	-62	-566	-3,051	-863	-365	-390	-417	-23	-4,435	-478	16	-21	-294	-70,100
North Warks	8	167	-190	1,634	-4,715	-1,552	-145	-297	-39	433	-292	-588	-625	-5,792	-198	-3,266	-6,039	-121	-155	-181	-21,960
Solihull (East)	10	-777	-10,840	-3,901	-44	-921	-3,695	-2,173	-675	-15	-124	-65	-282	-21,359	-128	-915	-9,454	-217	-93	31	-55,650
East Bham + West Solihull	11	19	-1,352	-2,076	1,443	105	-770	-294	-277	291	-10	-2	-229	183	-34	950	428	28	6	7	-1,585
West Bham + West Mids	12	-170	-3,066	-4,494	309	-89	-1,044	-295	-527	71	-14	-3	-62	58	-4	-50	263	11	7	-4	-9,103
Tamworth + Lichfield	13	-756	-7,435	-6,178	-1,397	-1,479	-2,282	-723	68	1,251	141	-52	-50	-1,023	-8	-2,703	-1,464	-25	-36	-206	-24,357
Leicester +Derbyshire+Nottinghamshire	14	-1,541	-7,970	-54,924	-38,145	-1,999	-2,615	-1,765	-6,453	-15,477	498	382	-1,697	-540	-18	-1,181	-8	21	-12	371	-133,073
North + Scotland	15	-98	-1,118	-2,224	-643	-49	-366	-101	-83	91	5	-5	-20	-12	-0	-57	68	0	1	-4	-4,615
Warwick + Stratford	16	-3,790	-16,411	-7,848	-2,847	-2,044	-9,209	-12,352	-4,894	-221	-229	-70	-2,000	-4,062	244	-958	-1,546	-43	3	-120	-68,397
Rugby +Daventry+Northamptonshire	17	-1,559	-6,900	-28,015	-14,905	-1,398	-3,487	-3,579	-9,013	-6,161	364	233	-2,206	-646	176	-604	114	13	1	129	-77,443
East Anglia	18	-41	-153	-611	14	-70	-93	-83	-243	5	13	7	-18	-11	-2	-7	-4	0	0	3	-1,292
London + SE	19	-55	-211	-603	-35	-38	-91	-74	-254	-14	4	2	-38	-12	2	-0	2	0	0	1	-1,414
Worcestershire + Wales + Oxfordshire+SW	20	-255	-1,760	-2,192	-75	-132	-732	-303	-221	-3	1	-3	-51	-96	-1	-26	41	3	-0	4	-5,800
Grand Total		-19,325	-104,671	-183,061	-203,234	-27,978	-58,514	-86,159	-48,679	-55,397	-10,224	-10,144	-27,779	-160,689	-3,121	-56,350	-71,967	-1,739	-1,403	-5,052	-1,135,487

P1.A2

Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1	Full KLR Alignment 2A		New jct at Corley plus Link Road to Eastern Green (S-NM6J-1 + S-NM6J-5)			North-facing slip roads onto A444 (S-NRS-1)

Total	Coventry Central	Coventry NE	Coventry NW	Coventry SW	Coventry SE	Bedworth	Nuneaton	North Warks	Solihull (East)	East Bham + West Solihull	West Bham + West Mids	Tamworth + Lichfield	Leicester + Derbyshire + Nottinghamshire	North + Scotland	Warwick + Stratford	Rugby + Daventry + Northamptonshire	East Anglia	London + SE	Worcestershire + Wales + Oxfordshire + SW	Grand Total	
	1	2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20		
Coventry Central	1	-57	-1,288	-822	-4,151	-197	-682	-2,001	-610	-830	-476	-385	-994	-1,654	-133	96	-278	3	-1	-102	-14,562
Coventry NE	2	-3,485	-7,103	-23,157	-42,717	-6,800	-4,074	-8,664	-9,880	-16,510	-2,175	-2,273	-6,761	-9,914	-864	-17,795	-5,253	-37	-159	-1,211	-168,833
Coventry NW	3	-2,334	-14,181	-10,901	-19,042	-4,646	-7,873	-13,500	-2,899	-7,111	-3,976	-5,005	-7,320	-54,831	-2,475	-16,642	-28,210	-905	-753	-2,695	-205,297
Coventry SW	4	-1,078	-19,836	-9,253	-3,142	-2,224	-15,963	-31,229	-5,890	-444	-463	-74	700	-54,108	772	-2,371	-18,317	-403	-132	936	-162,520
Coventry SE	5	-992	-5,859	-5,375	-7,177	-806	-2,852	-5,588	-5,094	-1,974	-1,073	-590	-3,458	-1,870	163	-1,340	-556	-22	-16	-123	-44,603
Bedworth	6	1,329	9,496	-5,736	-25,467	2,731	33	-1,757	-572	-4,640	-923	-1,036	-1,256	-1,366	-382	-770	538	33	-2	-539	-30,286
Nuneaton	7	-2,167	-2,056	-11,528	-36,986	-3,380	-1,753	-61	-545	-3,026	-857	-419	-300	-457	-22	-4,397	-486	22	-20	-275	-68,713
North Warks	8	344	893	1,877	-4,458	-1,365	-120	-274	-41	418	-308	-587	-620	-5,792	-201	-3,393	-6,050	-116	-155	-143	-20,090
Solihull (East)	10	-683	-9,393	-3,375	-47	-780	-3,333	-1,959	-667	-17	-118	-58	-320	-20,495	-126	-975	-9,056	-198	-90	50	-51,642
East Bham + West Solihull	11	84	-867	-1,852	1,422	177	-708	-256	-283	286	-10	-0	-228	309	-34	845	442	33	6	5	-629
West Bham + West Mids	12	-84	-2,665	-4,254	316	32	-978	-246	-517	62	-10	-2	-58	-4	-2	-60	338	10	7	-5	-8,120
Tamworth + Lichfield	13	-617	-6,767	-5,860	-1,184	-1,301	-2,253	-660	99	1,273	146	-42	-40	-967	-8	-2,811	-1,448	-22	-36	-185	-22,682
Leicester + Derbyshire + Nottinghamshire	14	-1,550	-7,216	-54,529	-38,239	-2,041	-2,734	-1,490	-6,273	-15,460	508	340	-1,465	-507	-17	-1,355	-81	23	-13	429	-131,667
North + Scotland	15	-105	-1,045	-2,171	-645	-47	-367	-95	-75	92	9	-3	-26	-11	-0	-21	61	0	1	-2	-4,452
Warwick + Stratford	16	-3,863	-16,470	-7,802	-3,117	-1,966	-8,977	-11,787	-4,761	-157	-193	-52	-1,902	-4,045	186	-1,032	-1,583	-45	2	112	-67,451
Rugby + Daventry + Northamptonshire	17	-1,532	-6,580	-27,763	-14,980	-1,369	-3,491	-3,437	-8,940	-6,144	362	234	-2,173	-501	173	-683	107	16	1	189	-76,512
East Anglia	18	-41	-149	-611	10	-70	-94	-84	-244	3	11	5	-20	-12	-2	-8	-5	0	0	3	-1,307
London + SE	19	-54	-198	-602	-39	-38	-91	-71	-251	-12	4	-0	-40	-11	2	-2	2	0	0	1	-1,401
Worcestershire + Wales + Oxfordshire + SW	20	-232	-1,562	-2,067	-50	-86	-701	-286	-202	-4	3	0	-51	-146	1	-13	35	4	-1	0	-5,355
Grand Total		-17,119	-92,846	-175,782	-199,691	-24,176	-57,008	-83,444	-47,645	-54,198	-9,541	-9,950	-26,333	-156,382	-2,969	-52,726	-69,798	-1,603	-1,358	-3,554	-1,086,124



P2.A1

Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
2	Alignment 2 (C-KLR-4)		New jct at B4102 plus Link Road to Meriden (S-NM6J-3 + S-NM6J-6)	Bridge on Blackhorse Rd (C-HLC-2)		

Total	Coventry Central	Coventry NE	Coventry NW	Coventry SW	Coventry SE	Bedworth	Nuneaton	North Warks	Solihull (East)	East Bham + West Solihull	West Bham + West Mids	Tamworth + Lichfield	Leicester +Derbyshire +Nottinghamshire	North + Scotland	Wariwick + Stratford	Rugby +Daventry+Northamptonshire	East Anglia	London + SE	Worcestershire + Wales + Oxfordshire+SW	Grand Total
	1	2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	
Coventry Central	-49	-351	-481	-3,350	-178	-349	-1,017	-291	-308	-253	-224	-683	-853	-91	-322	-125	5	0	-11	-8,933
Coventry NE	-2,593	-3,162	-6,890	-11,281	-5,785	-2,985	-4,825	-4,745	-9,672	-2,193	-1,896	-4,809	-4,850	-565	-13,902	-3,506	-118	-113	-852	-84,742
Coventry NW	-171	-3,005	-5,471	-770	83	-2,580	-82	1,614	612	-710	-2,386	-3,043	-14,154	-1,348	-1,044	-6,513	-273	-100	-724	-40,064
Coventry SW	178	-6,688	-6,905	-833	327	-6,658	-1,678	5,706	-83	-280	-80	946	-7,238	-232	-1,425	-3,461	-85	-39	107	-28,419
Coventry SE	-942	-3,962	-3,900	-6,108	-832	-1,680	-3,163	-2,048	-1,468	-898	-589	-2,123	-935	-156	-1,759	-550	-21	-13	-258	-31,405
Bedworth	2,244	11,949	1,550	-3,710	4,611	-29	-11	77	1,823	727	453	-5	1,266	177	9,586	3,075	67	52	529	34,433
Nuneaton	-387	3,835	1,328	2,239	-439	-36	-189	-116	5,862	900	-134	-248	-21	4	6,040	1,158	22	25	428	20,272
North Warks	-87	-334	2,090	6,028	-1,351	-342	-408	-22	3,087	363	-427	-107	-5,079	-127	6,585	-4,836	-132	-128	292	5,064
Solihull (East)	-478	-4,968	-674	52	86	1,282	5,762	1,575	20	-132	-117	-486	-9,646	-77	-1,275	-5,430	-118	-34	-33	-14,692
East Bham + West Solihull	-120	-624	-1,209	157	-56	-41	-37	-227	110	-8	27	-24	904	21	473	524	23	5	31	-71
West Bham + West Mids	-73	-1,103	-3,177	400	380	-536	-1,146	-946	177	3	-3	84	243	2	997	430	7	6	-1	-4,254
Tamworth + Lichfield	-233	-3,302	-4,553	3,528	-734	-1,153	-608	-1,218	765	-144	-33	-55	-525	-9	1,555	-484	-20	-13	-94	-7,331
Leicester +Derbyshire+Nottinghamshire	-365	1,018	-13,200	-1,152	-1,043	-999	-1,374	-1,835	-9,502	-19	-235	-719	18	-14	921	364	-10	1	-77	-28,221
North + Scotland	-1	-345	-988	75	33	-202	-111	-248	186	-4	-7	-33	2	-0	124	65	-0	1	2	-1,451
Wariwick + Stratford	-3,587	-8,998	-4,221	-992	-732	-3,311	819	5,106	-35	-322	-353	-1,683	-51	-246	-59	-377	-30	-2	-275	-19,350
Rugby +Daventry+Northamptonshire	-1,125	-2,338	-8,692	-2,628	-1,133	-968	-960	-2,107	-4,676	-292	-243	-733	-34	-33	-267	-10	-6	1	-88	-26,333
East Anglia	-35	-11	-142	-6	-55	-21	-18	-72	24	-5	2	-17	-4	2	-2	-1	0	0	-2	-365
London + SE	-45	-73	-188	-13	-29	-18	-10	-88	-24	-1	-0	-17	-1	-0	6	2	0	0	-1	-501
Worcestershire + Wales + Oxfordshire+SW	-100	-147	-877	417	60	-25	-24	-122	434	34	-3	40	794	-1	470	411	10	2	1	1,374
Grand Total	-7,968	-22,610	-56,598	-17,948	-6,788	-20,649	-9,080	-10	-12,669	-3,233	-6,246	-13,715	-40,163	-2,694	6,702	-19,268	-679	-348	-1,026	-234,991



P3

Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
3	Alignment 2 (C-KLR-4)	Free-flow left-turn slips (C-M6J3-4)		Bridge on Blackhorse Rd (C-HLC-2)	Free-flow left turn lane from Winding House Ln NB (S-RGI-)	

Total	Coventry Central	Coventry NE	Coventry NW	Coventry SW	Coventry SE	Bedworth	Nuneaton	North Warks	Solihull (East)	East Bham + West Solihull	West Bham + West Mids	Tamworth + Lichfield	Leicester +Derbyshir e+Nottlinghamshire	North + Scotland	Wariwck + Stratford	Rugby +Daventry+ Northhampt onshire	East Anglia	London + SE	Worcestershire + Wales + Oxfordshir e+SW	Grand Total	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Coventry Central	-85	-745	-671	-783	-455	-525	-1,832	-670	-393	-309	-320	-1,173	-1,031	57	-1,780	-761	-18	-21	-133	-11,649	
Coventry NE	-1,293	-4,602	-6,016	-9,372	-3,233	-4,536	-10,034	-5,093	-3,661	-2,577	-2,952	-5,809	-10,257	-944	-9,309	-5,175	-136	-191	-1,577	-86,767	
Coventry NW	-46	-4,416	-4,365	-8,362	-1,225	-3,064	-5,061	-182	-1,180	-704	-1,027	-162	-19,978	6	-1,836	-9,450	-316	-234	-150	-61,753	
Coventry SW	-480	-2,881	-4,212	300	-620	-7,113	-9,083	147	-262	-439	-126	628	-11,640	1,501	34	-2,570	-22	4	635	-36,199	
Coventry SE	-423	-2,323	-1,709	-1,360	-405	-1,823	-4,475	-1,831	-429	-470	-318	-1,159	-1,231	229	-774	-95	-21	-6	-99	-18,720	
Bedworth	2,412	11,330	3,911	1,143	4,107	-82	977	430	842	264	478	711	613	215	6,445	1,740	54	25	340	35,955	
Nuneaton	-1,097	-2,838	-697	-3,738	-2,912	-73	-11	-36	-461	-327	-277	335	-644	-15	-6,059	-2,795	-52	-68	-200	-21,967	
North Warks	248	1,114	1,552	866	-802	-175	-206	3	-203	-173	-35	125	-1,108	34	-1,203	-1,748	-27	-44	14	-1,769	
Solihull (East)	-108	-898	-510	109	-205	-430	-607	-70	-48	-75	-29	190	-1,259	29	-203	-309	15	4	12	-4,393	
East Bham + West Solihull	-17	-394	-218	-13	-61	-408	-635	-34	-23	-7	-1	21	109	0	54	303	12	4	7	-1,300	
West Bham + West Mids	-36	-719	-114	124	-28	-430	-697	-12	34	-10	-1	35	43	-1	66	215	5	5	-3	-1,523	
Tamworth + Lichfield	69	-835	962	-8	-425	-743	38	29	-44	-129	30	-4	-471	-3	-253	-643	-6	-6	-52	-2,495	
Leicester +Derbyshire+Notttinghamshire	-636	-9,450	-11,912	-1,035	-655	-1,847	-2,010	-1,495	279	129	-173	-793	-594	-21	395	-9	1	-9	259	-29,576	
North + Scotland	-46	-378	-252	-110	-28	-151	-159	0	-44	-12	-5	1	-6	-0	22	47	-0	1	2	-1,121	
Wariwck + Stratford	-2,033	-7,745	-3,410	-215	-455	-5,448	-9,076	-1,239	-86	-144	4	835	-1,632	87	-232	91	-12	7	-54	-30,759	
Rugby +Daventry+Northamptonshire	-457	-7,177	-8,082	-922	-289	-3,149	-3,990	-2,335	387	213	-50	363	-203	100	445	86	4	4	66	-24,984	
East Anglia	-15	-257	-170	24	-19	-99	-117	-73	19	3	1	55	-11	-2	7	-6	0	-0	1	-660	
London + SE	-14	-273	-238	10	-4	-92	-100	-80	1	-0	-1	4	-7	1	-0	2	0	0	0	-792	
Worcestershire + Wales + Oxfordshire+SW	-133	-562	-218	-184	-140	-422	-547	-19	-42	-19	-2	8	93	-10	-22	57	3	-1	-0	-2,160	
Grand Total	-4,190	-34,050	-36,369	-23,527	-7,854	-30,613	-47,623	-12,562	-5,315	-4,786	-4,804	-5,791	-49,215	1,262	-14,204	-21,019	-516	-525	-931	-302,631	

P4.A1

Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
4.1	Alignment 2 (C-KLR-4)	Hamburger-style layout + New Slips (C-M6J3-3)		Link to Stephenson Rd (C-HLC-3)	A444 flyover (S-RGI-2)	North-facing slip roads onto A444 (S-NRS-1)

Total	Coventry Central	Coventry NE	Coventry NW	Coventry SW	Coventry SE	Bedworth	Nuneaton	North Warks	Solihull (East)	East Bham + West Solihull	West Bham + West Mids	Tamworth + Lichfield	Leicester +Derbyshire+Nottinghamshire	North + Scotland	Wariwick + Stratford	Rugby +Daventry+Northamptonshire	East Anglia	London + SE	Worcestershire + Wales + Oxfordshire+SW	Grand Total	
	1	2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20		
Coventry Central	1	-16	-265	-513	-1,619	-136	-478	-2,275	-715	-312	-346	-414	-895	-1,440	-143	44	-241	7	-3	-130	-9,891
Coventry NE	2	-1,054	-719	-3,847	-11,504	-1,871	-4,199	-7,744	-4,339	-3,565	-3,102	-2,991	-4,202	-10,598	-1,090	-6,059	-4,593	-94	-214	-1,719	-73,505
Coventry NW	3	-277	-3,273	-4,862	-8,673	-396	-2,328	-4,594	-200	-1,228	-731	-907	410	-14,906	-288	-3,863	-6,893	-157	-184	-462	-53,810
Coventry SW	4	1,021	-2,522	-4,576	360	1,629	-6,144	-8,077	308	-258	-477	-27	2,940	-8,515	611	436	-1,918	-18	-4	459	-24,773
Coventry SE	5	-522	-2,642	-2,635	-4,140	-562	-2,054	-5,091	-2,500	-1,093	-886	-560	-1,463	-1,036	96	-1,024	-402	-18	-14	-162	-26,710
Bedworth	6	867	3,369	1,773	-3,416	1,637	547	-1,003	523	193	-139	20	386	-119	-58	3,579	791	30	7	-124	8,864
Nuneaton	7	-3,210	-9,115	-4,014	-6,561	-5,693	-510	133	127	-298	-191	-136	238	-696	-12	-5,358	-2,612	-21	-60	-220	-38,210
North Warks	8	136	1,131	1,908	2,884	-466	279	14	92	532	34	-75	-145	382	-30	994	-160	31	-6	15	7,551
Solihull (East)	10	153	-298	-467	2,122	4,010	114	-678	-71	530	-83	1	736	-918	6	7,251	1,690	28	2	-24	14,105
East Bham + West Solihull	11	301	-531	58	687	592	-305	-636	-35	118	-10	1	11	-99	-9	2,834	187	17	3	-12	3,170
West Bham + West Mids	12	103	-901	-51	1,447	70	-302	-664	9	872	-17	-3	-3	-58	-3	3,409	166	9	4	-5	4,084
Tamworth + Lichfield	13	-398	-2,387	784	-110	-1,200	-547	341	360	-6	125	4	-10	-119	-1	-1,355	-432	14	-3	-83	-5,023
Leicester +Derbyshire+Nottinghamshire	14	-701	-9,602	-10,377	-3,975	-1,532	-978	-713	-460	125	106	170	-596	-486	-10	-732	-192	22	-10	171	-29,768
North + Scotland	15	-8	-410	-232	-193	-16	-102	-98	28	-50	-3	-8	-1	-0	-0	-492	-9	0	0	-21	-1,616
Wariwick + Stratford	16	-191	439	875	11,152	2,932	-2,126	-2,161	2,188	6,254	-8	72	4,773	5,282	259	11,604	3,749	84	31	143	45,349
Rugby +Daventry+Northamptonshire	17	-591	-5,728	-7,069	-2,232	-543	-2,186	-2,192	-1,482	-35	34	40	1,215	-397	55	217	55	15	-1	46	-20,778
East Anglia	18	-19	-195	-152	-0	-40	-69	-60	-42	13	3	5	77	-9	2	4	-6	0	0	1	-487
London + SE	19	-22	-226	-209	-19	-11	-64	-46	-45	-1	2	-0	29	-5	1	1	2	0	0	-1	-614
Worcestershire + Wales + Oxfordshire+SW	20	544	498	288	5,511	3,054	342	1,442	775	2,139	-6	-7	32	558	1	3,127	471	5	-1	-6	18,768
Grand Total		-3,882	-33,377	-33,318	-18,279	1,457	-21,110	-34,104	-5,479	3,932	-5,695	-4,816	3,534	-33,179	-613	14,617	-10,346	-45	-452	-2,137	-183,293

P5

Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
5	Alignment 2a (C-KLR-5)	Close B4113 arm (C-M6J3-7)		Link to Stephenson Rd (C-HLC-3)	Hamburger-style layout (S-RG1-3)	North-facing slip roads onto A444 (S-NRS-1)

Total	Coventry Central	Coventry NE	Coventry NW	Coventry SW	Coventry SE	Bedworth	Nuneaton	North Warks	Solihull (East)	East Bham + West Solihull	West Bham + West Mids	Tamworth + Lichfield	Leicester +Derbyshire+Nottinghamshire	North + Scotland	Wariwck + Stratford	Rugby +Daventry+Northamptonshire	East Anglia	London + SE	Worcestershire + Wales + Oxfordshire+SW	Grand Total	
	1	2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20		
Coventry Central	1	-41	202	-184	-1,869	-164	8	-205	71	124	13	35	-259	-785	-62	-453	103	5	-2	2	-3,460
Coventry NE	2	-318	5,240	2,269	-3,169	-440	-1,888	1,706	1,715	4,997	3,106	2,319	3,434	2,683	681	1,714	3,098	216	114	1,932	29,407
Coventry NW	3	-83	2,699	-2,967	-6,751	202	-810	-2,632	648	160	-41	-188	484	-9,855	-246	-1,868	-4,157	-96	-123	69	-25,557
Coventry SW	4	156	1,950	-4,109	237	116	-3,635	-4,254	799	-5	-329	-48	-125	-6,391	-176	569	-1,165	-9	-5	51	-16,374
Coventry SE	5	-375	-290	-970	-2,865	-478	-194	-2,501	-964	-367	-247	-231	-778	-1,011	-86	-825	-65	-11	-5	-128	-12,391
Bedworth	6	2,469	11,608	3,327	-1,509	4,631	546	-492	1,613	2,097	1,357	1,549	2,100	1,836	571	10,325	4,602	121	86	1,061	47,900
Nuneaton	7	933	7,809	247	624	774	-967	54	146	165	-57	0	239	201	29	-749	-24	24	-4	8	9,454
North Warks	8	681	6,264	1,752	1,147	634	333	-284	-16	-111	-101	6	-17	202	-15	-305	266	32	6	20	10,495
Solihull (East)	10	110	2,503	-166	286	-36	971	-178	10	-6	-78	-2	-147	-686	-31	-697	-261	23	-3	-5	1,605
East Bham + West Solihull	11	83	2,964	-42	125	107	273	-268	-48	-18	-9	3	-121	-246	-16	-77	15	8	2	1	2,734
West Bham + West Mids	12	58	1,910	66	254	52	177	-290	-19	44	-17	-3	17	-64	-3	-37	25	5	-0	-7	2,167
Tamworth + Lichfield	13	353	5,280	1,138	196	476	742	-207	-44	-160	-120	12	5	-138	1	-406	-26	15	-4	-41	7,071
Leicester +Derbyshire+Nottinghamshire	14	-81	-1,029	-8,034	-1,705	-379	702	-1,455	-941	-431	-523	-8	-1,732	-302	-21	855	150	19	-1	-74	-14,988
North + Scotland	15	-11	475	-166	-107	22	86	-50	-4	-53	-14	-3	1	-2	-0	-45	10	0	-0	-1	138
Wariwck + Stratford	16	-1,075	2,097	-2,564	-1,029	-589	-12	-6,100	-1,002	-136	-195	-11	-822	-962	-230	-540	-20	-15	0	-159	-13,365
Rugby +Daventry+Northamptonshire	17	-235	2,145	-6,045	-1,467	-195	1,275	-3,108	-1,614	-113	-257	15	-604	-299	-26	74	122	20	2	-43	-10,356
East Anglia	18	-6	90	-112	0	-36	38	-98	-53	9	-8	3	39	-11	-2	1	-7	0	-0	-1	-154
London + SE	19	-13	80	-205	-10	-5	42	-75	-62	2	0	1	-22	-8	-1	2	1	0	0	-0	-272
Worcestershire + Wales + Oxfordshire+SW	20	-59	1,717	-97	-61	-94	203	-301	-61	-56	-11	-1	-32	-182	-1	-58	-46	-0	-1	-0	859
Grand Total		2,545	53,714	-16,864	-17,671	4,597	-2,108	-20,741	173	6,142	2,469	3,450	1,659	-16,020	366	7,480	2,620	356	61	2,683	14,912

P6

Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
6	Alignment 2a (C-KLR-5)	A444 tunnel (C-M6J3-5)		Optimisation of level crossing signals (C-HLC-4)	Free-flow left turn lane from Winding House Ln NB (S-RGI-1)	

Total	Coventry Central	Coventry NE	Coventry NW	Coventry SW	Coventry SE	Bedworth	Nuneaton	North Warks	Solihull (East)	East Bham + West Solihull	West Bham + West Mids	Tamworth + Lichfield	Leicester +Derbyshire+Nottlinghamshire	North + Scotland	Warwick + Stratford	Rugby +Daventry+Northamptonshire	East Anglia	London + SE	Worcestershire + Wales + Oxfordshire+SW	Grand Total	
Coventry Central	1	-18	-598	-381	-3,573	-31	-1,048	-4,303	-1,084	-244	-250	-172	-992	-2,450	-70	589	-59	7	8	7	-14,663
Coventry NE	2	-2,001	-2,298	-2,541	-16,359	-4,356	-3,993	-15,002	-4,285	-1,953	-2,280	-1,841	-5,350	-14,846	-816	-8,867	-6,177	-146	-221	-1,086	-94,419
Coventry NW	3	-1,564	-2,977	-4,920	-10,161	-2,498	-3,392	-8,654	-70	-618	-583	-685	-290	-21,268	-186	-6,968	-10,231	-268	-254	-207	-75,794
Coventry SW	4	102	-5,933	-5,950	-716	7	-7,862	-15,229	188	-210	-620	-108	-127	-13,719	663	-107	-4,013	-52	-38	553	-53,171
Coventry SE	5	-955	-4,421	-3,293	-6,071	-879	-2,641	-8,009	-3,137	-1,231	-870	-491	-2,704	-1,661	-13	-1,479	-519	-30	-16	-190	-38,610
Bedworth	6	744	5,978	-172	-6,453	1,807	-189	38	-19	-272	-104	146	25	-468	46	3,366	-48	13	-14	-53	4,372
Nuneaton	7	-4,490	-11,211	-6,000	-11,446	-7,229	-125	69	-347	-728	-634	-458	-49	-478	-71	-3,590	-1,390	-3	-34	-344	-48,560
North Warks	8	-1,291	-897	616	-501	-3,014	-60	115	-116	-441	-268	-138	-221	-911	-38	-2,332	-1,069	5	-26	-89	-10,676
Solihull (East)	10	-294	-498	-1,097	52	308	-118	42	-0	29	-103	-10	-13	-688	-3	-908	-294	25	-8	1	-3,576
East Bham + West Solihull	11	-67	583	-449	-75	-6	244	188	-38	-0	-12	-6	-135	515	-29	263	387	24	16	5	1,407
West Bham + West Mids	12	93	113	-66	499	440	68	101	78	121	-11	-5	27	207	0	903	231	10	6	1	2,816
Tamworth + Lichfield	13	-877	-937	528	-968	-1,650	236	450	37	-183	-101	2	-12	-348	-4	-640	-121	13	-3	-63	-4,640
Leicester +Derbyshire+Nottlinghamshire	14	-1,195	-4,838	-7,099	-3,226	-2,410	-962	-519	-926	-101	-316	73	-618	-365	-14	-759	22	18	-5	-20	-23,260
North + Scotland	15	-16	12	-166	-152	4	8	30	7	-62	-18	-8	-2	-0	0	-240	13	0	1	-13	-602
Warwick + Stratford	16	-3,925	-8,524	-4,796	-78	-695	-4,442	-9,692	-592	520	-210	43	-449	-889	29	966	230	-9	1	-63	-32,572
Rugby +Daventry+Northamptonshire	17	-1,202	-2,903	-5,167	-1,351	-1,147	-1,224	-1,410	-1,220	73	-104	10	-237	-268	7	-56	116	13	4	28	-16,036
East Anglia	18	-29	-38	-61	13	-54	-36	-52	-33	17	-2	5	34	-8	2	3	-6	0	0	-1	-247
London + SE	19	-43	-100	-160	4	-25	-34	-34	-40	3	0	0	-5	0	12	2	0	0	-2	-420	
Worcestershire + Wales + Oxfordshire+SW	20	-92	283	103	400	90	126	169	123	319	29	-1	74	383	1	477	303	7	-0	2	2,797
Grand Total		-17,119	-39,204	-41,071	-60,161	-21,340	-25,444	-61,701	-11,476	-4,961	-6,458	-3,642	-11,036	-57,266	-494	-19,368	-22,623	-372	-585	-1,534	-405,854

P1

Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1	Partial Link Road (C-KLR-2)		New jct at Corley plus Link Road to Eastern Green (S-MM6J-1 + S-MM6J-5)			North-facing slip roads onto A444 (S-NRS-1)

Total	Coventry Central	Coventry NE	Coventry NW	Coventry SW	Coventry SE	Bedworth	Nuneaton	North Warks	Solihull (East)	East Bham + West Solihull	West Bham + West Mids	Tamworth + Lichfield	Leicester +Derbyshir e+Nottingh amshire	North + Scotland	Warwick + Stratford	Rugby +Daventry+ Northhampt onshire	East Anglia	London + SE	Worceste rshire + Wales + Oxfordshir e+SW	Grand Total
	1	2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	
Coventry Central	-212	-2,108	-1,367	-2,670	-653	-1,004	-3,999	-1,042	-1,230	-622	-504	-691	-2,214	-141	-1,591	-1,093	-26	-29	-299	-21,494
Coventry NE	-2,611	-6,793	-24,516	-34,805	-5,148	-3,471	-15,042	-10,051	-13,629	-1,942	-2,079	-6,476	-13,797	-876	-14,833	-7,806	-170	-207	-1,572	-165,823
Coventry NW	-2,248	-17,674	-10,184	-11,619	-5,507	-8,505	-14,664	-2,936	-5,326	-3,166	-4,681	-5,807	-67,470	-3,186	-14,544	-33,425	-940	-795	-3,000	-215,678
Coventry SW	-3,355	-26,195	-8,210	-3,550	-6,182	-18,777	-36,708	-5,896	-494	-193	-382	-1,107	-59,841	-1,120	-10,311	-21,413	-277	-92	-261	-204,365
Coventry SE	-998	-5,569	-4,233	-6,585	-1,157	-2,183	-7,630	-3,369	-2,944	-924	-396	-1,883	-808	-100	-1,522	-814	-42	-21	-316	-41,493
Bedworth	2,325	12,665	-1,269	-14,444	4,733	380	-1,495	-280	-2,172	-651	-1,113	-944	-2,008	-306	5,758	1,095	63	50	-517	1,869
Nuneaton	-315	1,742	-5,847	-20,713	1	-460	-17	-328	-677	-292	-394	-985	270	128	-304	776	48	23	-66	-27,410
North Warks	322	3,409	1,121	-2,520	-1,088	-1,001	-602	-385	-548	-286	-450	-511	-7,925	-48	-3,751	-7,425	-175	-175	-165	-22,203
Solihull (East)	-1,172	-12,192	-3,314	588	-1,916	-4,101	-2,607	-1,079	1	-41	-53	-932	-21,464	-198	-516	-9,170	-124	-46	-49	-58,386
East Bham + West Solihull	-456	-2,425	-2,239	762	-936	-1,064	-467	-412	8	-2	-8	-273	-346	-22	-137	-60	9	-1	-5	-8,074
West Bham + West Mids	-314	-2,658	-4,141	564	-386	-1,106	-177	-461	18	-7	-0	23	-164	-3	44	109	6	0	7	-8,648
Tamworth + Lichfield	154	-4,039	-3,331	4,159	-271	-2,022	-309	-254	243	84	31	22	-314	73	731	4	21	-2	14	-5,008
Leicester +Derbyshire+Nottinghamshire	-1,462	-2,328	-52,585	-45,378	-1,743	-1,539	-552	-4,714	-12,104	618	325	-1,888	-52	-11	-1,552	373	27	2	332	-124,228
North + Scotland	-99	-967	-1,721	-376	-101	-347	-45	-86	-7	-4	-0	-5	29	0	-71	13	1	0	-1	-3,785
Warwick + Stratford	-6,252	-25,744	-10,887	-7,901	-6,693	-8,547	-14,671	-5,366	-1,154	-473	-202	-4,233	-7,989	-365	-1,428	-3,390	-78	-25	-278	-105,675
Rugby +Daventry+Northamptonshire	-1,472	-3,375	-25,488	-20,056	-1,923	-1,770	-2,746	-7,358	-6,529	254	342	-933	-249	257	-1,196	94	-16	-6	279	-71,892
East Anglia	-20	-35	-1,025	-702	-35	-60	-97	-221	-206	18	12	-50	6	1	-24	8	0	0	6	-2,423
London + SE	-45	-87	-619	-220	-50	-69	-81	-225	-42	7	9	-16	-14	15	-12	-4	-0	0	5	-1,449
Worcestershire + Wales + Oxfordshire+SW	-323	-1,934	-1,974	239	-370	-782	-359	-304	49	0	6	-117	-496	-3	9	-186	2	0	-2	-6,547
Grand Total	-18,554	-96,307	-161,829	-165,228	-29,424	-56,428	-102,269	-44,769	-46,740	-7,622	-9,536	-26,806	-184,846	-5,906	-45,251	-82,315	-1,670	-1,325	-5,887	-1,092,711



AM Results



P1.A1

Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1	Full KLR Alignment 2		New jct at Corley plus Link Road to Eastern Green (S-MM6J-1 + S-MM6J-5)			North-facing slip roads onto A444 (S-NRS-1)

Total	Coventry Central	Coventry NE	Coventry NW	Coventry SW	Coventry SE	Bedworth	Nuneaton	North Warks	Solihull (East)	East Bham + West Solihull	West Bham + West Mids	Tamworth + Lichfield	Leicester +Derbyshire +Nottinghamshire	North + Scotland	Wariwick + Stratford	Rugby +Daventry+ Northhamptonshire	East Anglia	London + SE	Worcestershire + Wales + Oxfordshire+SW	Grand Total	
	1	2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20		
Coventry Central	1	-333	-2,666	-1,261	-3,302	-929	-999	-3,968	-1,038	-1,149	-579	-490	-757	-2,752	-163	-2,217	-1,329	-33	-32	-322	-24,319
Coventry NE	2	-2,756	-6,656	-25,220	-37,281	-5,267	-3,490	-14,963	-10,414	-13,871	-2,005	-2,124	-6,760	-13,138	-902	-15,115	-7,698	-143	-202	-1,559	-169,563
Coventry NW	3	-2,412	-17,527	-11,019	-13,643	-5,879	-8,636	-14,781	-3,050	-5,522	-3,236	-4,753	-6,031	-66,946	-3,210	-14,970	-33,350	-926	-801	-3,117	-219,807
Coventry SW	4	-4,085	-28,903	-8,829	-3,752	-7,498	-19,048	-37,035	-6,062	-524	-223	-474	-1,625	-59,902	-1,135	-10,778	-21,619	-228	-84	-322	-212,128
Coventry SE	5	-1,427	-7,307	-4,492	-7,092	-1,598	-2,381	-8,027	-3,677	-2,893	-922	-469	-2,365	-1,026	-188	-1,986	-1,007	-48	-18	-331	-47,255
Bedworth	6	2,473	14,105	-2,948	-15,815	5,059	276	-1,545	-373	-2,257	-652	-1,139	-1,048	-1,936	-304	6,182	1,336	11	-28	-509	886
Nuneaton	7	-523	1,367	-6,742	-22,050	-343	-859	-20	-395	-718	-338	-398	-1,080	260	116	-823	676	54	22	-74	-31,868
North Warks	8	262	-1,939	174	-3,459	-1,180	-1,033	-644	-434	-548	-307	-454	-621	-8,059	-48	-3,905	-7,640	-171	-178	-199	-30,382
Solihull (East)	10	-1,301	-12,186	-3,538	31	-2,149	-4,211	-2,732	-1,108	-4	-45	-67	-947	-21,773	-207	-574	-9,413	-125	-46	-62	-60,457
East Bham + West Solihull	11	-460	-2,305	-2,311	389	-982	-1,060	-473	-436	6	-4	-6	-325	-309	-27	-178	-84	13	-1	-6	-8,560
West Bham + West Mids	12	-311	-2,568	-4,167	337	-416	-1,109	-250	-467	17	-7	1	17	-159	-2	65	115	8	1	4	-8,892
Tamworth + Lichfield	13	337	-3,562	-3,390	3,762	558	-1,824	-352	-259	327	84	39	14	-424	80	294	-24	16	-8	11	-4,322
Leicester +Derbyshire+Nottinghamshire	14	-1,562	-2,491	-53,853	-46,942	-1,777	-1,845	-468	-4,724	-12,431	564	252	-1,928	13	-10	-1,672	96	34	3	268	-128,473
North + Scotland	15	-101	-946	-1,772	-460	-106	-344	-52	-90	-5	-3	-1	-8	31	0	-84	7	1	0	-6	-3,940
Wariwick + Stratford	16	-9,430	-33,850	-13,758	-8,388	-8,459	-10,173	-17,027	-5,907	-1,186	-570	-275	-5,054	-7,970	-414	-1,342	-3,753	-78	-29	-297	-127,961
Rugby +Daventry+ Northamptonshire	17	-1,764	-3,980	-26,582	-21,057	-2,105	-2,198	-3,303	-7,936	-6,726	140	215	-1,515	278	218	-1,249	-35	-23	-0	214	-77,408
East Anglia	18	-16	-31	-1,032	-706	-34	-59	-96	-221	-208	19	12	51	8	1	-27	8	0	0	7	-2,426
London + SE	19	-56	-89	-639	-220	-54	-68	-78	-227	-49	8	7	-15	-10	15	-10	-3	-0	0	3	-1,485
Worcestershire + Wales + Oxfordshire+SW	20	-396	-1,958	-2,030	114	-418	-805	-427	-338	34	7	7	-127	-441	-1	25	-182	3	0	-1	-6,933
Grand Total		-23,862	-113,493	-173,409	-179,536	-33,578	-59,865	-106,242	-47,156	-47,707	-8,069	-10,118	-30,225	-184,255	-6,184	-48,366	-83,899	-1,634	-1,399	-6,298	-1,165,294



P1.A2

Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
1	Full KLR Alignment 2A		New jct at Corley plus Link Road to Eastern Green (S-NM6J-1 + S-NM6J-5)			North-facing slip roads onto A444 (S-NRS-1)

Total	Coventry Central	Coventry NE	Coventry NW	Coventry SW	Coventry SE	Bedworth	Nuneaton	North Warks	Solihull (East)	East Bham + West Solihull	West Bham + West Mids	Tamworth + Lichfield	Leicester +Derbyshire +Nottinghamshire	North + Scotland	Wariwck + Stratford	Rugby +Daventry+Northamptonshire	East Anglia	London + SE	Worcestershire + Wales + Oxfordshire+SW	Grand Total	
	1	2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20		
Coventry Central	1	-166	-1,842	-1,473	-2,912	-593	-998	-3,939	-1,146	-1,335	-627	-492	-795	-1,866	-117	-1,758	-848	-20	-21	-279	-21,227
Coventry NE	2	-2,401	-6,073	-23,153	-34,459	-4,820	-3,145	-14,500	-9,616	-12,870	-1,481	-1,754	-5,786	-13,185	-804	-13,334	-7,052	-176	-187	-1,339	-156,136
Coventry NW	3	-1,805	-15,250	-10,452	-12,334	-4,502	-8,441	-14,522	-2,953	-5,333	-3,128	-4,645	-5,748	-66,128	-3,161	-13,916	-32,374	-909	-768	-3,007	-209,375
Coventry SW	4	-2,200	-21,689	-8,218	-2,850	-4,077	-17,972	-35,648	-6,051	-577	-215	-464	-1,704	-58,388	-1,130	-10,549	-19,954	-254	-82	-307	-192,328
Coventry SE	5	-778	-4,070	-3,477	-6,755	-908	-1,703	-6,786	-2,976	-2,795	-895	-304	-1,646	-879	-105	-1,444	-546	-26	-21	-265	-36,380
Bedworth	6	2,529	14,580	-1,398	-12,509	5,034	376	-1,557	-335	-2,260	-659	-1,114	-1,054	-790	-258	6,224	1,650	77	50	-483	8,104
Nuneaton	7	-203	2,158	-6,475	-20,875	141	-776	-33	-369	-706	-307	-303	-1,108	209	87	-401	672	37	22	-110	-28,340
North Warks	8	455	3,693	1,474	-2,696	-984	-1,005	-611	-375	-572	-288	-471	-440	-8,002	-41	-3,770	-7,543	-184	-177	-170	-21,708
Solihull (East)	10	-932	-11,130	-3,349	732	-1,435	-3,892	-2,529	-1,086	10	-42	-70	-916	-21,141	-205	-472	-9,060	-129	-44	-68	-55,755
East Bham + West Solihull	11	-323	-1,896	-2,184	767	-723	-1,011	-455	-407	15	-3	-3	-260	-339	-21	-88	-46	7	-2	-3	-6,973
West Bham + West Mids	12	-241	-2,331	-4,113	563	-325	-1,100	-238	-471	26	-9	-1	40	-177	-2	105	90	4	0	6	-8,173
Tamworth + Lichfield	13	444	-1,721	-2,802	4,661	116	-1,938	-288	-251	338	61	28	19	-309	58	1,212	243	9	-1	33	-88
Leicester +Derbyshire+Nottinghamshire	14	-1,394	-1,185	-52,802	-46,225	-1,583	-1,750	-772	-4,851	-12,131	707	343	-2,158	-112	-16	-2,378	471	20	2	322	-125,490
North + Scotland	15	-79	-879	-1,756	-397	-82	-348	-47	-87	-3	-5	-3	-5	25	0	-86	7	1	0	-2	-3,746
Wariwck + Stratford	16	-4,120	-17,558	-8,853	-7,638	-4,881	-5,996	-11,415	-5,593	-1,399	-611	-318	-4,936	-8,136	-453	-1,629	-2,530	-83	-24	-317	-86,488
Rugby +Daventry+Northamptonshire	17	-1,320	-2,165	-25,012	-20,796	-1,746	-1,251	-2,155	-6,893	-6,380	333	440	-345	56	291	-1,289	248	-5	1	351	-67,636
East Anglia	18	-16	-30	-1,030	-728	-34	-60	-100	-225	-210	17	12	-54	6	0	-29	8	0	0	7	-2,465
London + SE	19	-40	-78	-633	-247	-50	-70	-85	-232	-42	7	9	-21	-15	15	-13	-4	-0	0	5	-1,496
Worcestershire + Wales + Oxfordshire+SW	20	-216	-1,482	-1,892	321	-230	-720	-331	-296	54	-2	8	-117	-527	-0	17	-197	-1	-0	-2	-5,613
Grand Total		-12,806	-68,946	-157,598	-164,376	-21,684	-51,798	-96,010	-44,212	-46,167	-7,148	-9,102	-27,035	-179,697	-5,862	-43,598	-76,766	-1,634	-1,250	-5,625	-1,021,313

P2

Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
2	Alignment 2 (C-KLR-4)		New jct at B4102 plus Link Road to Meriden (S-NM6J-3 + S-NM6J-6)	Bridge on Blackhorse Rd (C-HLC-2)		

Total	Coventry Central	Coventry NE	Coventry NW	Coventry SW	Coventry SE	Bedworth	Nuneaton	North Warks	Solihull (East)	East Bham + West Solihull	West Bham + West Mids	Tamworth + Lichfield	Leicester +Derbyshire +Nottinghamshire	North + Scotland	Warwick + Stratford	Rugby +Davertry+ Northamptonshire	East Anglia	London + SE	Worcestershire + Wales + Oxfordshire+SW	Grand Total	
	1	2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20		
Coventry Central	1	-80	-512	-232	-998	-238	-259	-1,117	158	-561	-137	-239	-628	-472	-127	-642	-358	-4	-10	-160	-6,615
Coventry NE	2	-1,308	-3,038	-7,406	-13,187	-2,441	-2,239	-4,715	-4,671	-10,482	-1,755	-1,362	-6,003	-4,299	-451	-6,701	-2,656	21	-76	-971	-73,741
Coventry NW	3	-1,119	-3,627	-4,381	-8,365	-2,500	-1,675	3,606	2,403	1,217	-325	-2,361	-3,140	-16,452	-1,634	-5,971	-7,879	-127	-147	-1,255	-53,733
Coventry SW	4	-597	-4,424	-3,847	-336	-18	-4,876	6,775	7,684	-591	36	-394	-859	-1,502	-263	-3,354	-1,942	15	-6	-263	-8,761
Coventry SE	5	-309	-1,465	-1,223	-2,431	-350	-471	-1,963	525	-1,315	-256	-279	-1,066	-284	-30	-804	-401	-27	-13	-116	-12,276
Bedworth	6	4,469	25,066	3,730	3,261	9,223	287	-11	506	5,324	1,408	1,112	158	459	338	18,768	3,133	75	100	1,027	78,434
Nuneaton	7	328	3,962	2,750	6,448	1,040	433	-102	7	7,286	1,187	-436	-36	-43	131	7,616	891	54	23	446	31,983
North Warks	8	441	1,182	1,607	3,730	-240	-3	-256	-275	2,080	189	-362	-266	-6,341	-73	4,943	-5,941	-139	-145	127	257
Solihull (East)	10	-152	-4,782	571	-296	-465	1,805	6,286	1,812	-90	50	-84	-1,189	-10,991	-84	-361	-5,697	-30	9	-37	-13,727
East Bham + West Solihull	11	-21	-320	-399	-139	-69	102	239	-198	-59	-16	-10	-191	139	-11	-395	27	17	-4	-5	-1,313
West Bham + West Mids	12	52	-320	-2,363	-20	181	-352	-778	-749	-25	-26	-0	59	-74	1	-40	75	9	0	11	-4,359
Tamworth + Lichfield	13	585	784	-2,008	352	1,323	-94	-200	-739	-248	-184	22	2	253	11	-557	125	17	6	10	-539
Leicester +Derbyshire +Nottinghamshire	14	-322	-140	-20,816	-6,385	-261	-386	-461	-1,298	-9,647	117	20	-245	48	-5	-1	248	32	4	7	-39,491
North + Scotland	15	-4	-148	-754	-155	10	-91	-14	-147	-48	-35	-1	-5	32	0	-145	12	1	0	-3	-1,494
Warwick + Stratford	16	-1,236	-5,334	-665	-2,345	-1,023	433	6,583	8,479	-1,093	-13	-350	-4,311	-1,654	-282	-923	-1,125	-49	-11	-199	-5,119
Rugby +Davertry+ Northamptonshire	17	-598	-893	-9,511	-5,578	-795	-209	-176	-1,436	-5,569	19	102	109	-206	186	-459	190	3	-1	120	-24,702
East Anglia	18	-5	-21	-471	-164	-9	-16	-24	-79	-217	-1	3	2	4	0	-9	4	0	0	12	-991
London + SE	19	-18	-34	-210	-61	-18	-18	-17	-88	-62	1	0	-9	1	14	-11	2	0	0	1	-527
Worcestershire + Wales + Oxfordshire+SW	20	47	-143	-653	-1	3	6	-12	-181	2	-19	-0	-96	93	-1	-92	-52	9	-0	0	-1,092
Grand Total		154	5,792	-46,280	-26,670	3,353	-7,624	13,640	11,712	-14,095	240	-4,621	-17,714	-41,287	-2,281	10,861	-21,345	-122	-271	-1,249	-137,806

P3

Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
3	Alignment 2 (C-KLR-4)	Free-flow left-turn slips (C-M6J3-4)		Bridge on Blackhorse Rd (C-HLC-2)	Free-flow left turn lane from Winding House Ln NB (S-RG1-)	

Total	Coventry Central	Coventry NE	Coventry NW	Coventry SW	Coventry SE	Bedworth	Nuneaton	North Warks	Solihull (East)	East Bham + West Solihull	West Bham + West Mids	Tamworth + Lichfield	Leicester +Derbyshire+Nottinghamshire	North + Scotland	Warwick + Stratford	Rugby +Daventry+Northamptonshire	East Anglia	London + SE	Worcestershire + Wales + Oxfordshire+SW	Grand Total
	1	2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	
Coventry Central	-166	-1,147	-369	-798	-462	-493	-2,709	-466	-228	-175	-357	-990	-1,777	-216	-1,123	-603	-16	-13	-212	-12,322
Coventry NE	-1,489	-3,780	-5,054	-10,723	-2,873	-3,938	-13,230	-5,319	-3,562	-2,639	-2,557	-7,121	-14,818	-1,047	-7,699	-7,323	-227	-211	-1,657	-95,268
Coventry NW	-1,228	-5,010	-3,929	-6,657	-3,186	-2,486	-6,819	21	-749	-465	-986	-79	-30,025	-741	-7,235	-13,349	-392	-373	-525	-84,212
Coventry SW	-959	-6,072	-2,555	969	-1,561	-6,195	-11,415	178	78	-21	-82	837	-7,809	-77	-1,989	-2,874	67	2	54	-39,424
Coventry SE	-622	-2,882	-1,142	-1,768	-641	-1,555	-5,603	-983	-1,045	-314	-398	-1,179	-319	-135	-1,049	-346	-8	-5	-195	-20,190
Bedworth	2,399	11,404	4,070	2,320	4,647	-108	161	151	246	-132	300	-125	251	83	8,637	719	-10	-13	331	35,331
Nuneaton	-3,039	-12,201	-2,993	-8,258	-5,923	-125	70	-310	-964	-660	-895	-149	-957	84	-12,245	-5,684	-131	-144	-717	-55,241
North Warks	-339	-3,058	1,098	633	-1,615	-197	-163	-139	-204	-109	-103	-159	-1,606	99	-2,552	-3,371	-78	-88	-43	-11,994
Solihull (East)	-58	-482	39	347	-385	-443	-668	-215	-46	-33	-31	-100	-1,393	-12	-122	-136	25	4	-0	-3,710
East Bham + West Solihull	35	-259	32	79	-72	-320	-489	-85	-29	-3	-7	-56	-60	-2	-104	150	7	1	11	-1,170
West Bham + West Mids	1	-492	1	11	-2	-301	-464	-19	-14	-5	-1	36	-8	2	136	234	5	1	10	-869
Tamworth + Lichfield	-254	-2,555	1,047	625	-499	-217	41	49	124	-5	5	2	-145	67	720	-296	3	9	40	-1,239
Leicester +Derbyshire+Nottinghamshire	-1,098	-3,028	-11,444	-5,403	-1,043	-817	40	-76	162	61	42	-434	-174	-2	-260	-133	10	-7	-120	-23,722
North + Scotland	-12	-245	-94	-60	-10	-111	-58	-4	-1	-4	-2	-3	27	0	3	36	1	0	-1	-537
Warwick + Stratford	-4,108	-11,419	-3,306	-1,758	-2,415	-4,341	-8,290	-793	-854	-228	-170	-6	-693	-26	-183	-187	-13	2	-68	-38,855
Rugby + Daventry+Northamptonshire	-483	-1,667	-5,846	-3,566	-385	-1,780	-2,391	-1,826	-860	-13	-52	-696	-345	61	344	-4	-2	-3	55	-19,460
East Anglia	-5	-44	-248	-64	-3	-56	-75	-54	6	2	-1	-12	-4	0	13	-1	0	0	1	-546
London + SE	-17	-41	-132	-16	-9	-53	-51	-37	-2	1	-0	5	-1	13	4	-0	0	0	1	-334
Worcestershire + Wales + Oxfordshire+SW	-65	-481	-78	27	-63	-257	-398	-37	-8	4	2	-10	-103	1	56	97	2	0	-0	-1,311
Grand Total	-11,507	-43,461	-30,904	-34,061	-16,500	-23,792	-52,510	-9,964	-7,950	-4,738	-5,294	-10,237	-59,959	-1,847	-24,648	-33,073	-758	-837	-3,034	-375,074

P4

Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
4.1	Alignment 2 (C-KLR-4)	Hamburger-style layout + New Slips (C-M6J3-3)		Link to Stephenson Rd (C-HLC-3)	A444 flyover (S-RGI-2)	North-facing slip roads onto A444 (S-NRS-1)

Total	Coventry Central	Coventry NE	Coventry NW	Coventry SW	Coventry SE	Bedworth	Nuneaton	North Warks	Solihull (East)	East Bham + West Solihull	West Bham + West Mids	Tamworth + Lichfield	Leicester +Derbyshire+Nottinghamshire	North + Scotland	Warwick + Stratford	Rugby +Daventry+Northamptonshire	East Anglia	London + SE	Worcestershire + Wales + Oxfordshire+SW	Grand Total
	1	2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	
Coventry Central	-53	83	30	-283	-53	-582	-3,050	-313	155	-23	-192	-589	-684	-132	92	-104	-2	-5	-101	-5,806
Coventry NE	-426	1,061	-2,856	-5,987	453	-4,741	-12,424	-3,897	-1,376	-1,166	-1,220	-4,222	-10,653	-577	628	-3,417	-123	-115	-768	-51,825
Coventry NW	-190	90	-3,600	-5,324	155	-1,886	-4,459	157	-387	-115	-332	-35	-16,475	-297	-3,884	-7,159	-250	-228	-156	-44,376
Coventry SW	81	414	-1,386	1,914	331	-5,117	-8,109	787	659	299	197	467	-2,551	67	1,233	-408	73	1	234	-10,813
Coventry SE	-304	-442	8	-89	-181	-1,440	-5,352	-463	-409	108	-75	-643	-157	-9	28	-1	9	1	18	-9,392
Bedworth	789	3,471	4,796	148	1,871	728	-795	681	641	-411	-319	152	-2,148	-208	3,837	-930	-69	-74	-217	11,943
Nuneaton	-4,940	-18,361	-5,428	-12,058	-8,214	-343	110	-95	-715	-547	-741	-101	-970	9	-11,879	-5,723	-127	-142	-552	-70,817
North Warks	-383	-3,717	1,133	1,270	-1,432	-507	-306	-120	-193	-92	-85	-168	-1,638	-37	-2,408	-3,210	-69	-81	-72	-12,112
Solihull (East)	828	1,763	530	921	870	-219	-633	-137	-19	-16	-16	-41	-1,277	2	118	73	21	2	-5	2,766
East Bham + West Solihull	427	650	257	472	653	-433	-588	-59	-19	1	4	-42	-296	0	19	35	4	0	3	1,088
West Bham + West Mids	233	195	163	236	77	-370	-613	-3	10	-1	-1	13	-149	1	57	35	3	1	7	-106
Tamworth + Lichfield	391	-1,723	1,305	2,113	389	-567	-31	39	125	21	11	8	-346	8	834	-485	-1	5	30	2,126
Leicester +Derbyshire+Nottinghamshire	-1,451	-4,353	-11,487	-4,483	-1,079	-654	82	149	144	187	80	-410	-194	-1	-977	-83	8	-8	-83	-24,613
North + Scotland	69	-11	-18	83	67	-148	-61	-2	-5	1	-1	-1	13	0	-23	5	0	-0	-3	-34
Warwick + Stratford	-3,379	-6,056	-1,700	6	-2,119	-3,778	-7,752	-143	-494	-32	-22	269	-824	33	-152	115	5	3	29	-25,992
Rugby + Daventry+Northamptonshire	-315	535	-4,315	-1,770	40	-1,636	-1,918	-1,350	-362	279	149	-251	-385	102	101	128	16	-0	133	-10,820
East Anglia	-10	40	-249	-82	3	-71	-78	-54	-3	3	2	-15	2	0	2	2	0	-0	2	-506
London + SE	-12	18	-114	33	2	-72	-56	-44	3	1	-1	3	0	13	-1	0	0	0	1	-225
Worcestershire + Wales + Oxfordshire+SW	134	190	91	262	42	-280	-372	-32	4	-1	2	5	-126	-2	60	26	1	0	-1	5
Grand Total	-8,509	-26,152	-22,839	-22,617	-8,126	-22,114	-46,404	-4,900	-2,240	-1,504	-2,560	-5,601	-38,858	-1,027	-12,316	-21,100	-500	-640	-1,502	-249,508

P5

Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
5	Alignment 2a (C-KLR-5)	Close B4113 arm (C-M6J3-7)		Link to Stephenson Rd (C-HLC-3)	Hamburger-style layout (S-RG1-3)	North-facing slip roads onto A444 (S-NRS-1)

Total	Coventry Central	Coventry NE	Coventry NW	Coventry SW	Coventry SE	Bedworth	Nuneaton	North Warks	Solihull (East)	East Bham + West Solihull	West Bham + West Mids	Tamworth + Lichfield	Leicester +Derbyshire +Nottinghamshire	North + Scotland	Warwick + Stratford	Rugby +Davertry+ Northamptonshire	East Anglia	London + SE	Worcestershire + Wales + Oxfordshire+SW	Grand Total
	1	2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	
Coventry Central	-126	-235	431	-499	-360	-78	-1,351	294	207	214	129	126	-951	78	-601	-282	-4	-6	90	-2,927
Coventry NE	-287	6,120	1,470	-3,369	205	-1,244	-5,673	-203	3,715	3,118	2,353	534	-2,202	798	2,509	427	81	47	2,040	10,441
Coventry NW	-693	1,738	-3,202	-5,917	-1,179	179	-2,190	742	139	149	114	142	-11,307	-36	-4,330	-5,131	-170	-149	65	-31,038
Coventry SW	-1,208	-3,318	-2,011	1,705	-2,245	-2,757	-5,612	1,109	711	344	205	-1,114	-1,926	61	-978	-923	72	2	163	-17,719
Coventry SE	-569	-1,312	403	229	-550	-533	-5,335	-473	-395	186	-78	-1,456	-97	-17	-186	-127	5	1	19	-10,283
Bedworth	2,241	11,477	5,674	774	4,464	866	-46	1,221	1,730	736	917	1,144	1,138	322	9,781	2,703	50	25	683	45,899
Nuneaton	-658	555	-1,457	-3,952	-889	-746	82	-208	-436	-417	-723	-61	62	123	-4,148	-2,339	-46	-63	-492	-15,813
North Warks	411	4,128	1,487	940	469	325	-50	-77	-37	-51	-42	-90	-224	122	-762	-1,296	-26	-43	-59	5,126
Solihull (East)	29	2,618	171	296	-226	838	-209	-45	-6	-7	-10	-551	-730	-8	93	45	24	2	1	2,324
East Bham + West Solihull	86	2,857	87	62	-16	178	-203	-42	-14	0	-4	-137	-200	-3	-30	10	3	-0	4	2,637
West Bham + West Mids	79	2,380	81	44	28	196	-206	13	2	-1	-1	26	-50	2	117	140	4	2	3	2,858
Tamworth + Lichfield	441	6,418	1,556	661	1,283	573	166	56	77	16	14	18	-182	70	1,049	620	24	5	23	12,890
Leicester +Derbyshire+Nottinghamshire	-121	8,020	-6,947	-2,128	-242	1,491	-19	13	-354	-310	-225	-550	-28	2	460	-273	16	0	-239	-1,435
North + Scotland	41	783	-12	-18	73	78	-1	1	-9	-3	-2	-0	9	0	-10	-1	0	-0	-2	928
Warwick + Stratford	-5,840	-9,611	-3,061	709	-4,184	-1,778	-10,483	-708	-490	-41	-71	-2,878	-1,332	-57	184	-308	4	2	45	-39,898
Rugby +Davertry+Northamptonshire	-297	6,736	-3,105	-1,366	-288	1,465	-4,477	-2,492	-1,186	-180	-217	-2,835	-399	-162	302	-73	-8	1	-176	-8,755
East Anglia	30	350	-143	-34	20	76	-117	-64	-11	-3	-2	-39	-0	0	16	3	0	0	-5	76
London + SE	-20	335	-58	46	-2	75	-87	-49	1	-2	-2	-30	0	-13	3	2	0	0	-0	197
Worcestershire + Wales + Oxfordshire+SW	-77	1,726	-6	80	-85	164	-262	-39	33	2	2	-19	-132	-0	71	13	2	-0	0	1,472
Grand Total	-6,538	41,766	-8,644	-11,739	-3,726	-632	-36,074	-951	3,677	3,751	2,356	-7,771	-18,550	1,283	3,538	-6,789	32	-173	2,164	-43,020

P6

Package	KLR	M6 J3	NEW M6 JCT	HAWKES LEVEL CR	ROWLEYSGREEN	A444 NEWTOWN
6	Alignment 2a (C-KLR-5)	A444 tunnel (C-M6J3-5)		Optimisation of level crossing signals (C-HLC-4)	Free-flow left turn lane from Winding House Ln NB (S-RGI-1)	

Total	Coventry Central	Coventry NE	Coventry NW	Coventry SW	Coventry SE	Bedworth	Nuneaton	North Warks	Solihull (East)	East Bham + West Solihull	West Bham + West Mids	Tamworth + Lichfield	Leicester +Derbyshire +Nottinghamshire	North + Scotland	Wariwck + Stratford	Rugby +Daventry+ Northamptonshire	East Anglia	London + SE	Worcestershire + Wales + Oxfordshire+SW	Grand Total
	1	2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	
Coventry Central	-5	-3	15	-46	-0	-192	-1,177	-175	-8	7	-52	-34	-394	-2	34	-32	-0	-0	6	-2,060
Coventry NE	-69	-321	-183	-1,032	26	-566	-4,809	-682	-408	-292	-478	-890	-4,873	-152	-43	-1,654	-72	-50	-165	-16,714
Coventry NW	-69	-418	-736	-1,293	-109	-985	-3,090	100	-115	-37	-321	15	-9,444	-166	-732	-3,425	-172	-108	-79	-21,182
Coventry SW	0	-350	-755	47	-105	-2,449	-5,589	227	16	16	-232	-43	-4,494	-48	-55	-1,236	-3	-3	21	-15,033
Coventry SE	11	88	174	-79	4	-313	-2,168	-265	1	5	-135	-245	-143	3	-49	-65	-9	-1	4	-3,181
Bedworth	122	997	-21	-1,474	273	-53	-30	-38	-17	-73	-96	-56	-296	-4	798	41	7	-17	53	116
Nuneaton	-1,067	-3,893	-1,634	-4,114	-1,779	-8	26	-86	-235	-187	-272	-48	-70	-1	-1,225	-943	-19	-26	-189	-15,767
North Warks	-130	-628	272	184	-337	-0	53	-22	-44	-18	-24	-9	-260	-6	-517	-367	-5	-15	-15	-1,889
Solihull (East)	91	237	-11	62	108	-71	134	-12	-4	-5	-51	0	-596	-2	-32	-131	4	-0	-2	-283
East Bham + West Solihull	49	33	26	16	67	35	60	-3	-3	-0	-1	-7	-55	-1	-13	-19	1	-0	1	185
West Bham + West Mids	43	40	17	8	33	60	91	1	-3	0	-0	-2	71	0	-2	28	1	0	6	393
Tamworth + Lichfield	78	-584	278	85	-118	254	54	4	11	6	-1	0	-106	0	-104	-255	1	-1	2	-397
Leicester +Derbyshire+Nottinghamshire	-300	-371	-2,349	-1,578	-279	-5	27	-46	-224	21	-77	-114	-33	-0	-886	17	3	-1	-134	-6,330
North + Scotland	16	14	24	5	17	14	8	0	-2	-0	-0	-0	1	0	-1	5	0	0	0	100
Wariwck + Stratford	-4	6	-142	-85	-100	-652	-3,295	237	6	-11	-141	2	-292	-13	-15	-91	-2	-0	-4	-4,597
Rugby +Daventry+Northamptonshire	56	611	-569	-399	23	40	-482	-110	-23	6	-95	-20	11	5	-115	22	7	1	13	-1,018
East Anglia	-1	26	-36	-34	-1	1	-15	-7	-7	0	0	-0	0	0	0	1	0	0	0	-73
London + SE	0	20	-7	-3	2	1	-8	-3	-0	0	0	-0	-0	-0	-0	0	0	0	0	2
Worcestershire + Wales + Oxfordshire+SW	32	-25	-40	21	22	66	35	-22	1	-0	-0	-0	37	-0	-5	-10	0	0	1	112
Grand Total	-3,461	-9,379	-12,826	-27,368	-4,315	-14,345	-76,223	-7,260	-4,160	-2,595	-4,603	-7,840	-85,892	-1,946	-7,213	-36,158	-793	-941	-1,763	-309,082

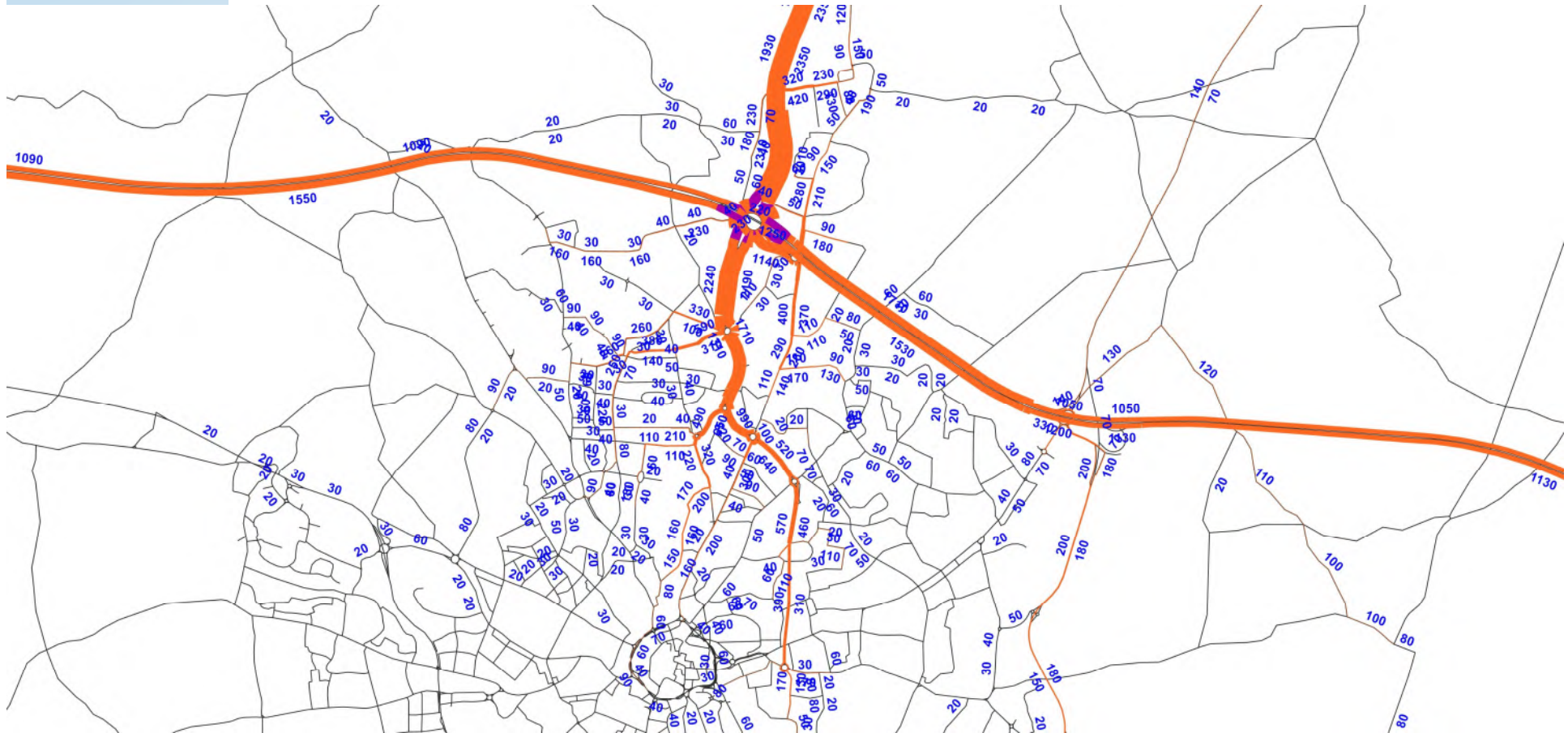
Section 6 : Select Link Plots

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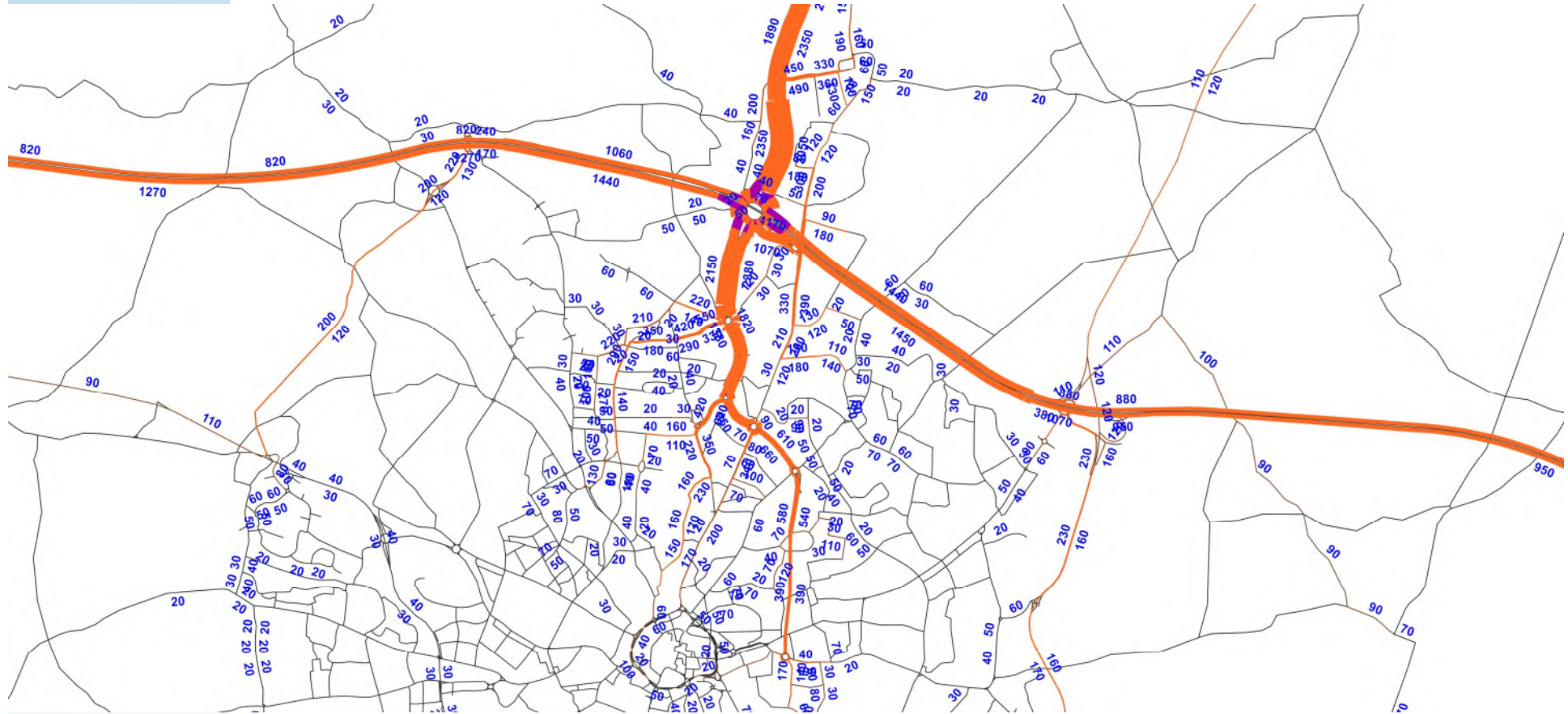
M6 J3 Plots – AM Peak

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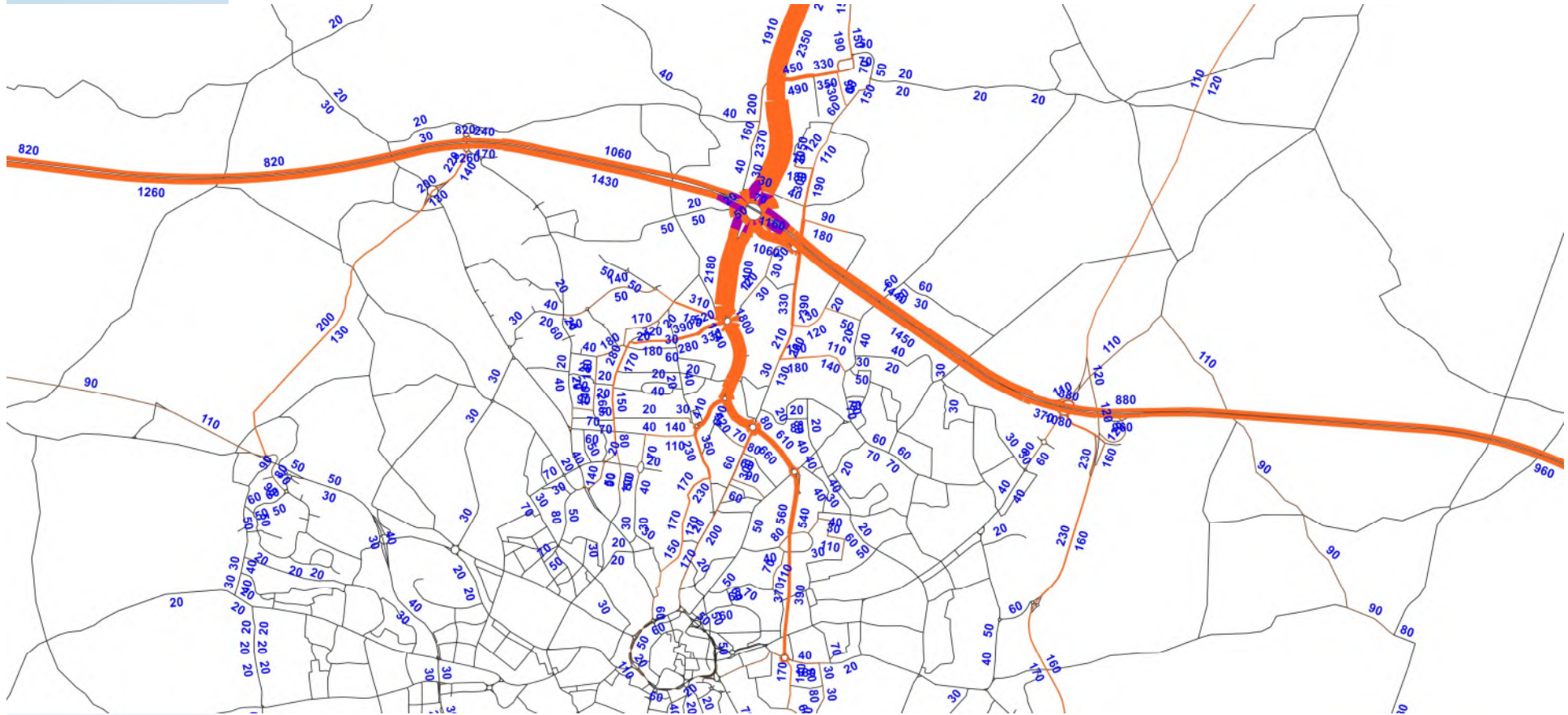
DM : M6 J3 Flow Bundle (AM)



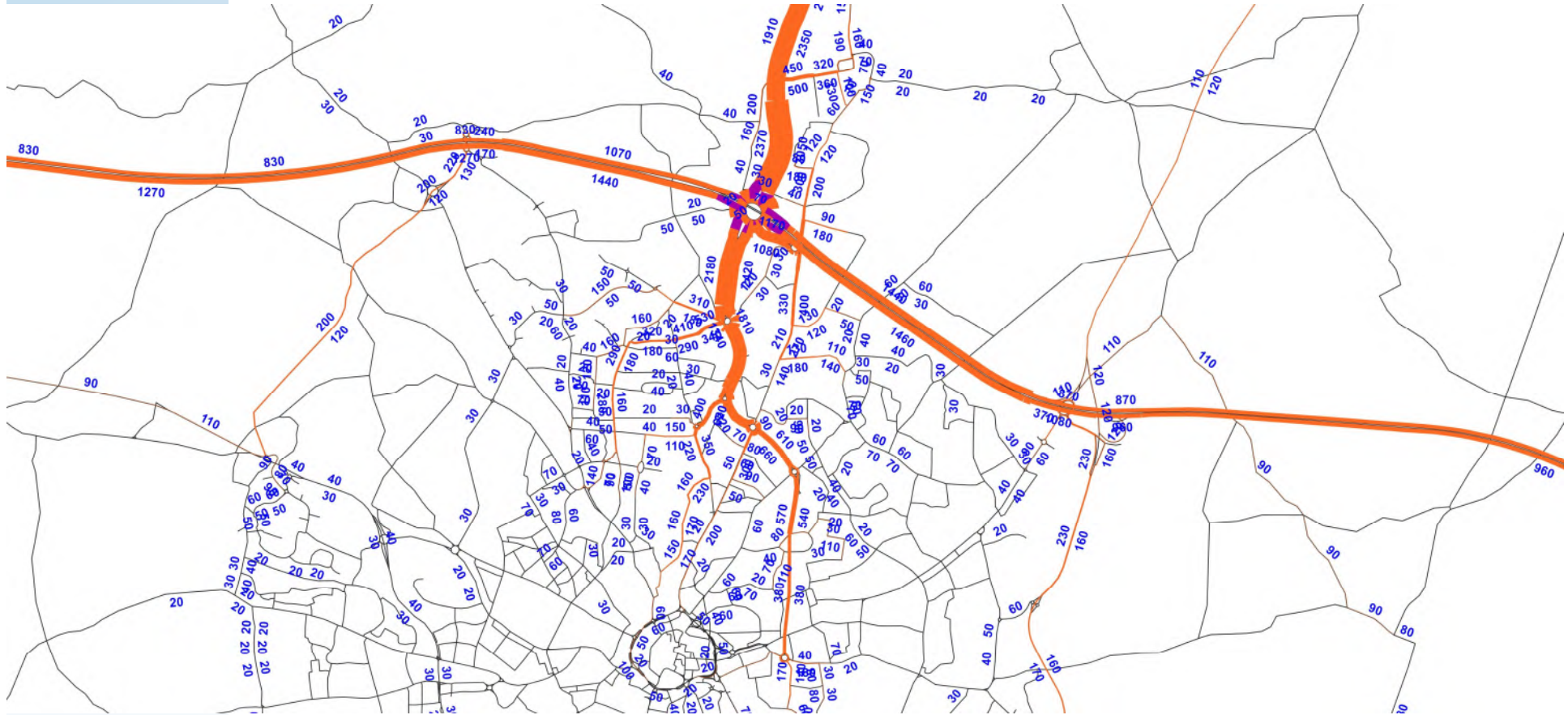
P1 : M6 J3 Flow Bundle (AM)



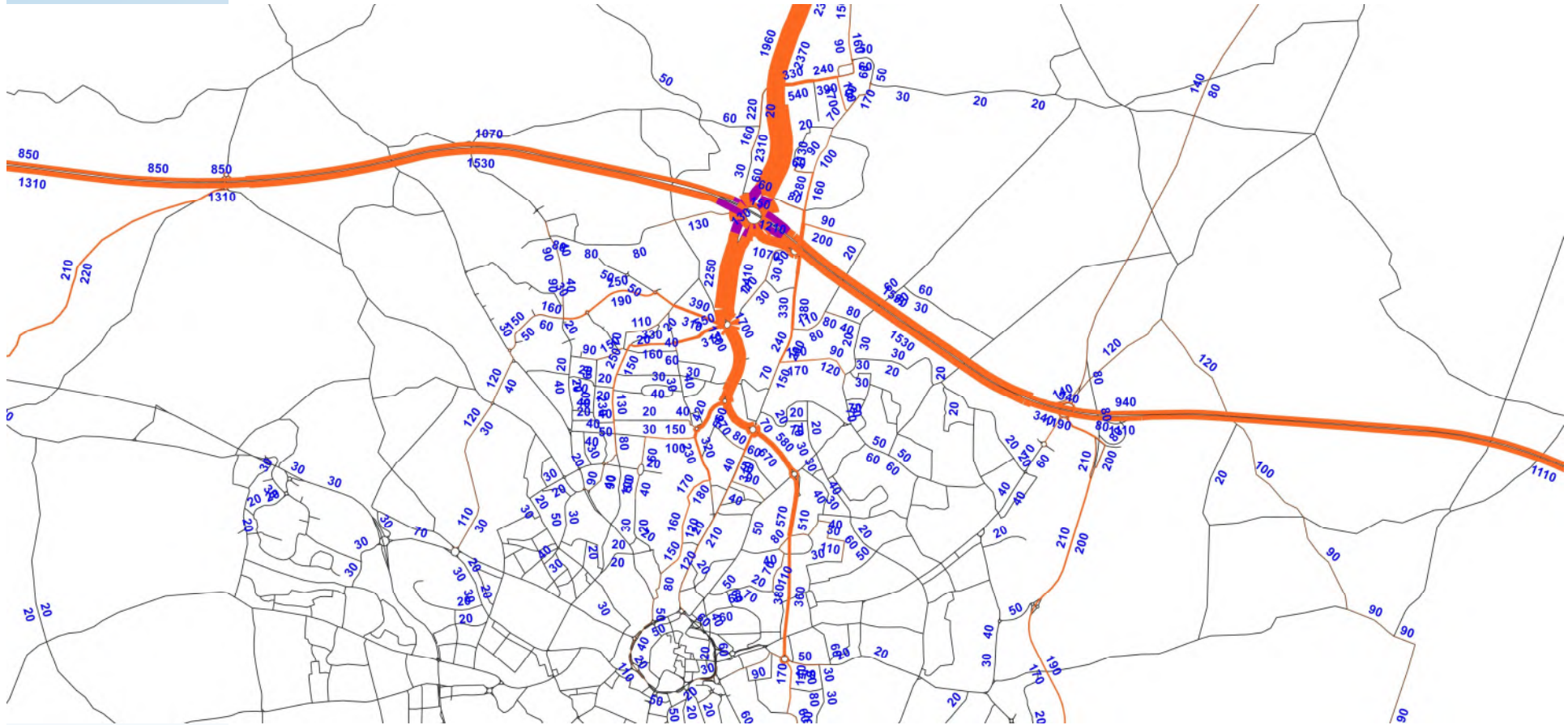
P1.A1 : M6 J3 Flow Bundle (AM)



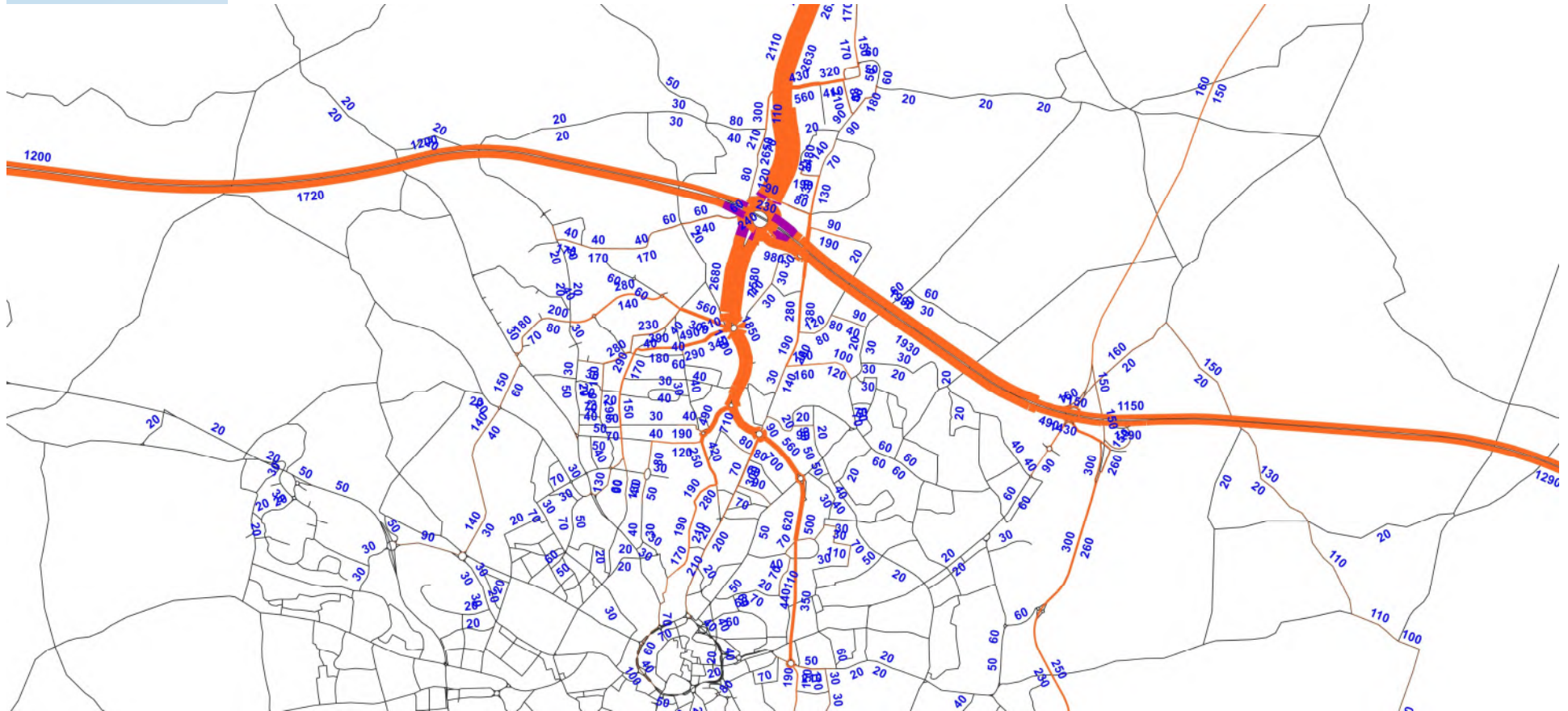
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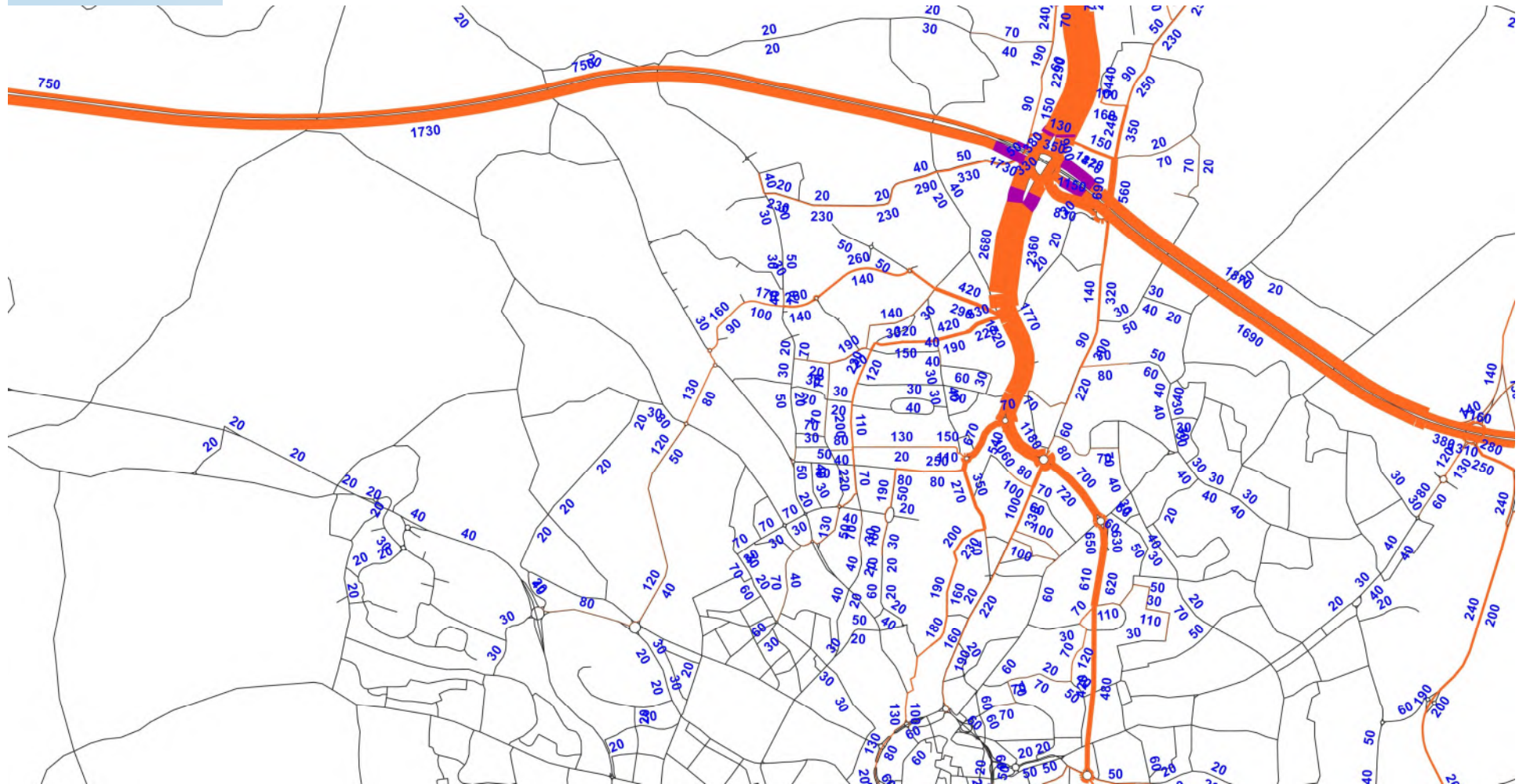
P2.A1 : M6 J3 Flow Bundle (AM)



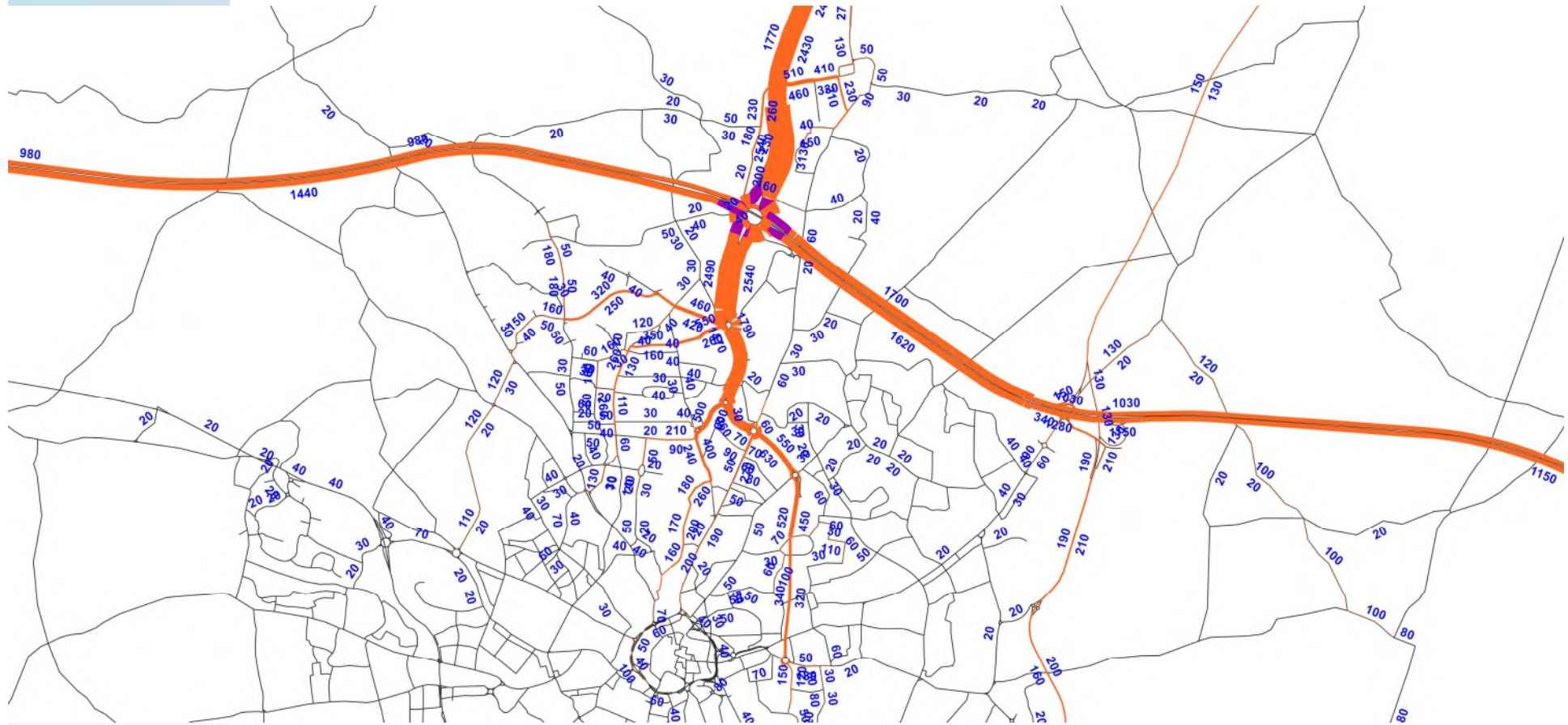
P3 : M6 J3 Flow Bundle (AM)



P4.A1 : M6 J3 Flow Bundle (AM)



P5 : M6 J3 Flow Bundle (AM)



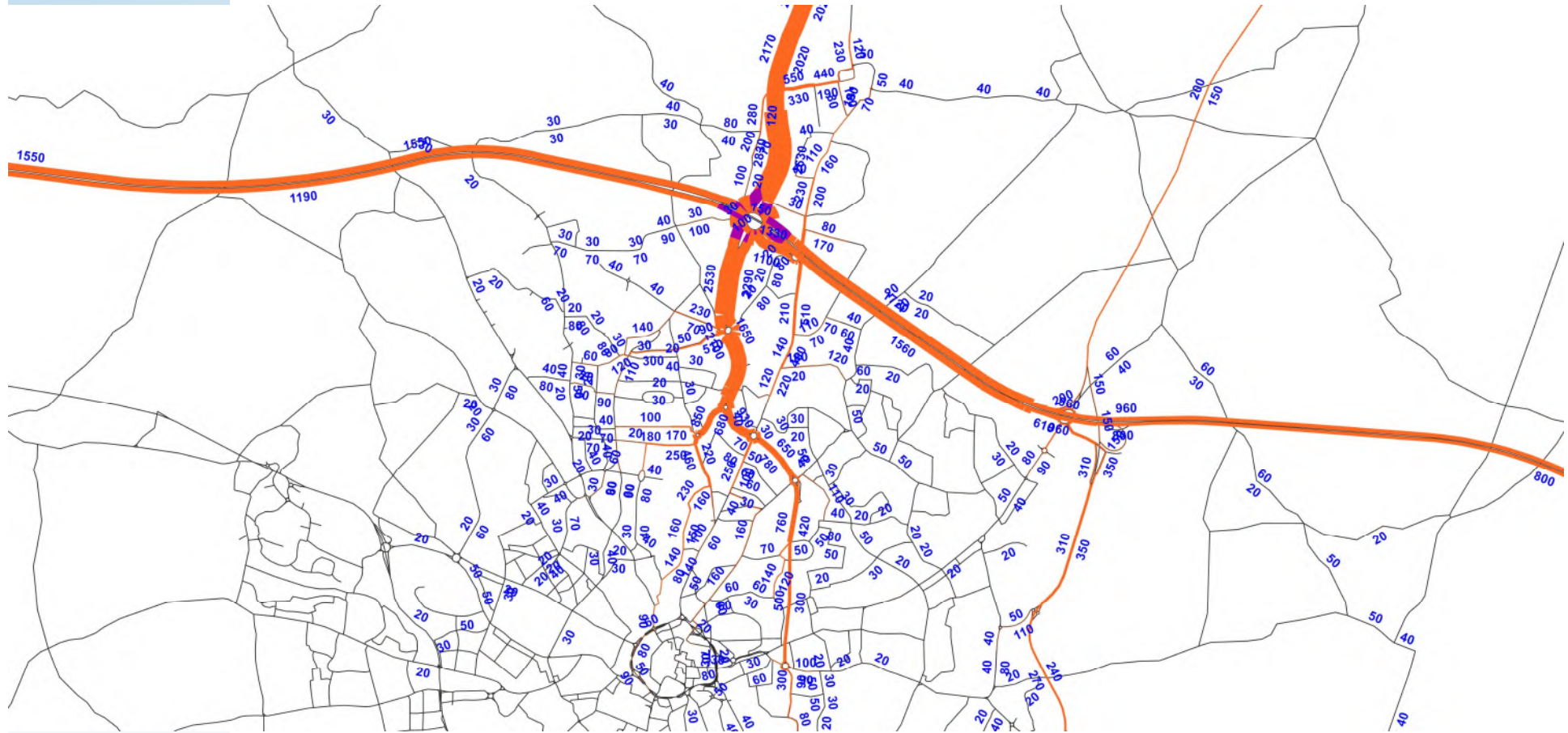
P6 : M6 J3 Flow Bundle (AM)



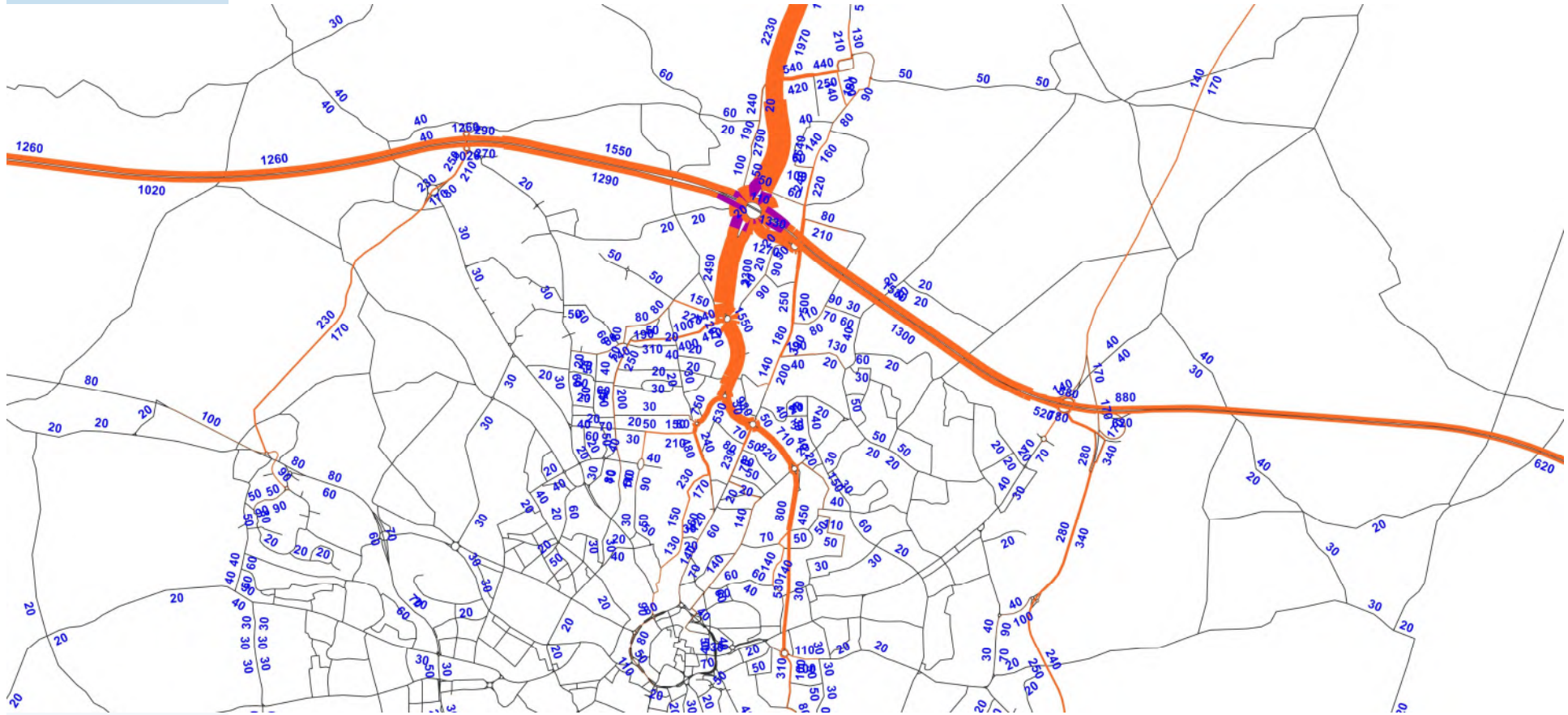
M6 J3 Plots – PM Peak

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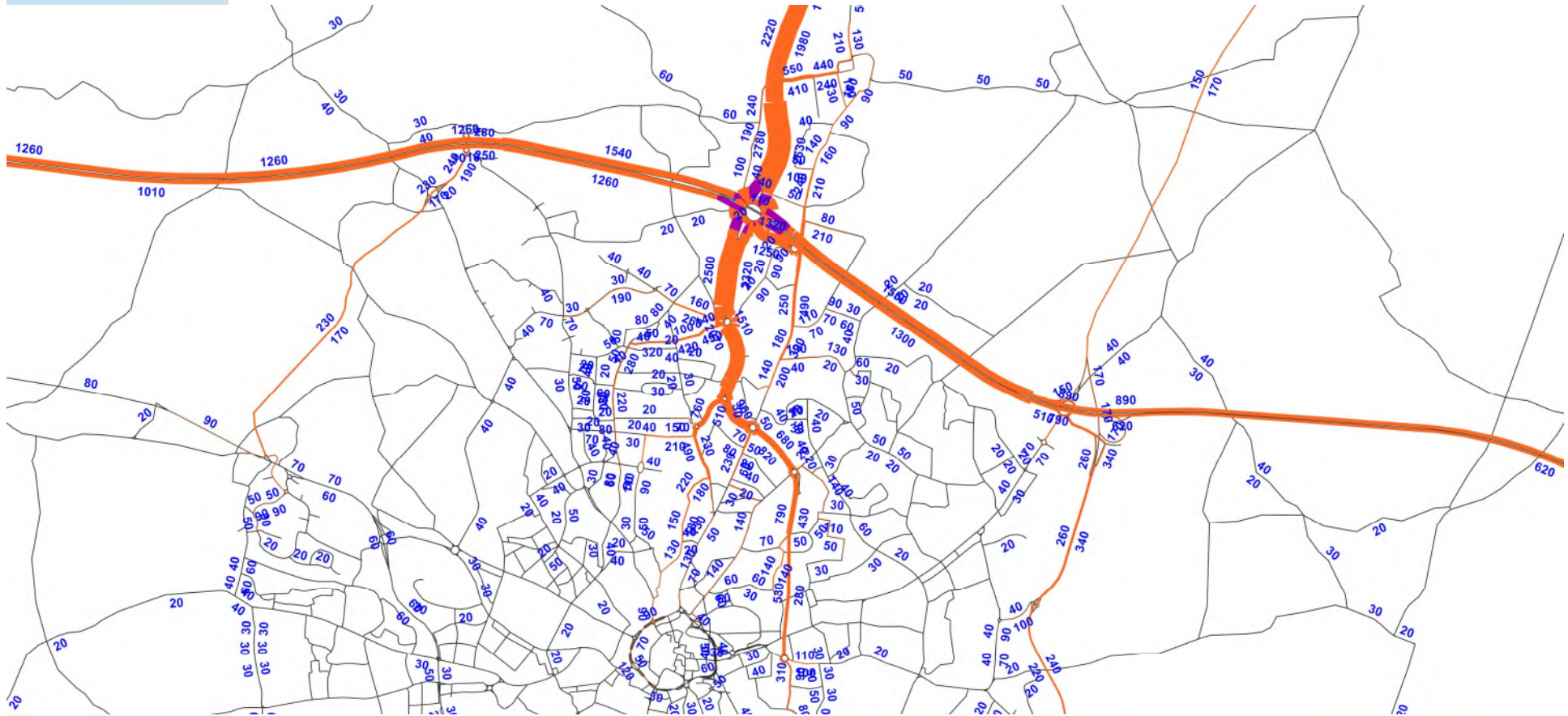
DM : M6 J3 Flow Bundle (PM)



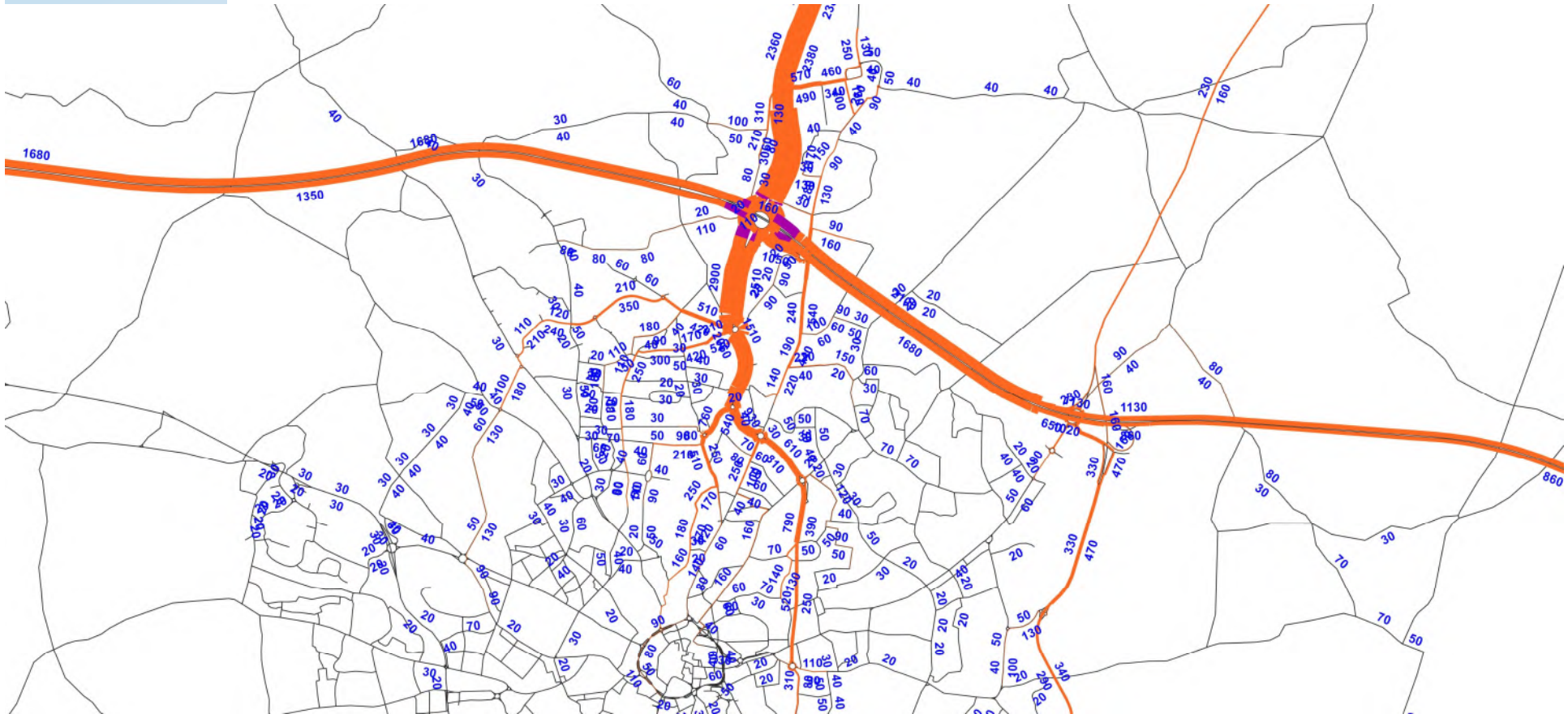
P1 : M6 J3 Flow Bundle (PM)



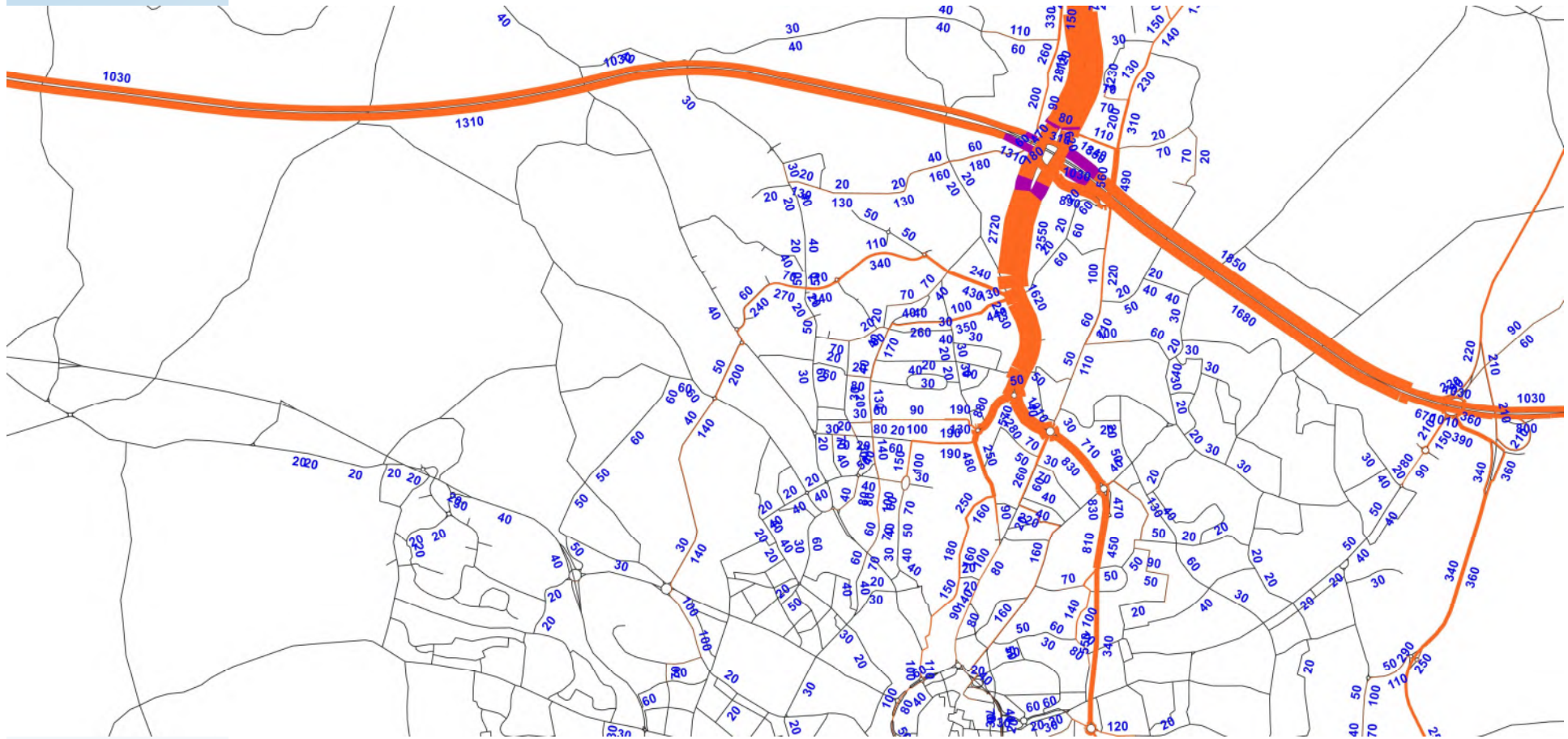
P1.A1 : M6 J3 Flow Bundle (PM)



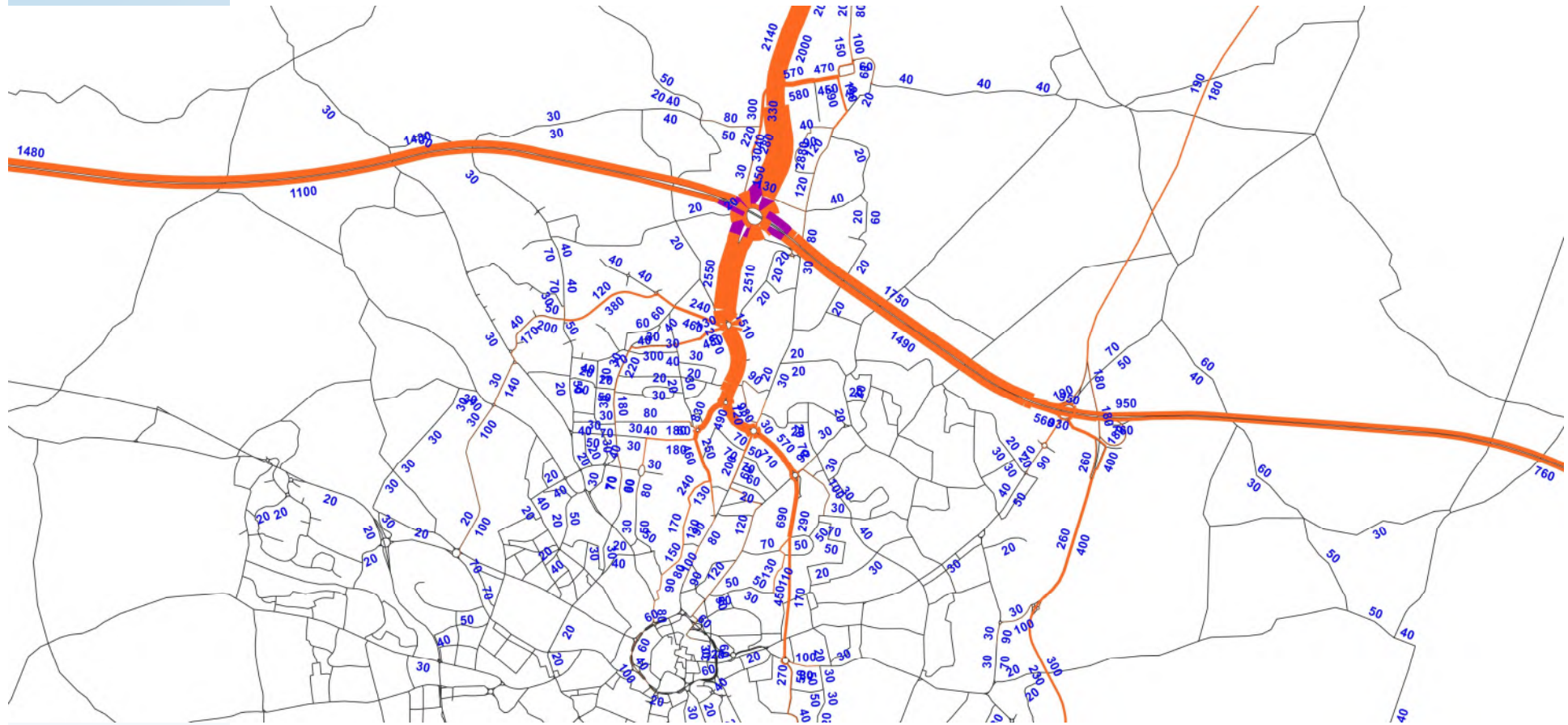
P3 : M6 J3 Flow Bundle (PM)



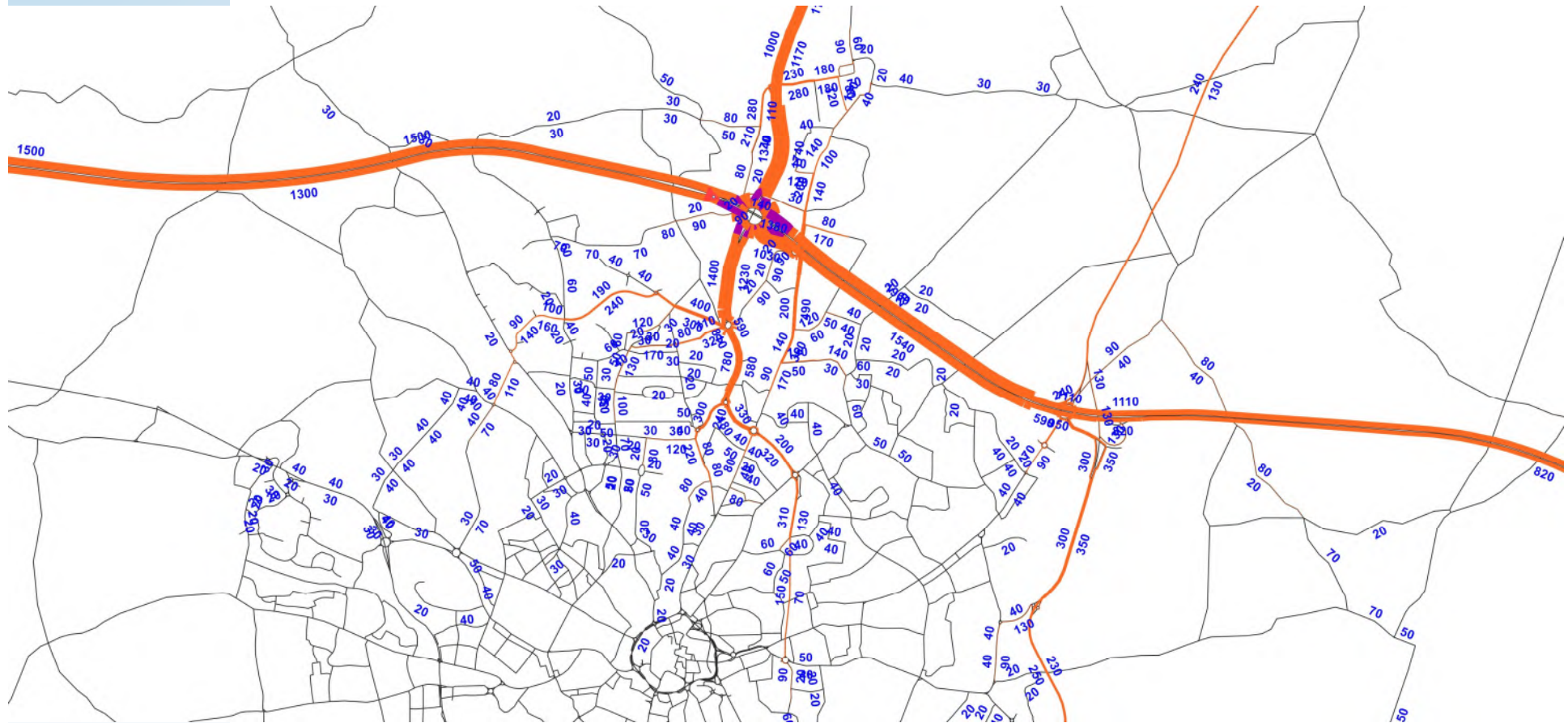
P4.A1 : M6 J3 Flow Bundle (AM)



P5 : M6 J3 Flow Bundle (PM)



P6 : M6 J3 Flow Bundle (PM)

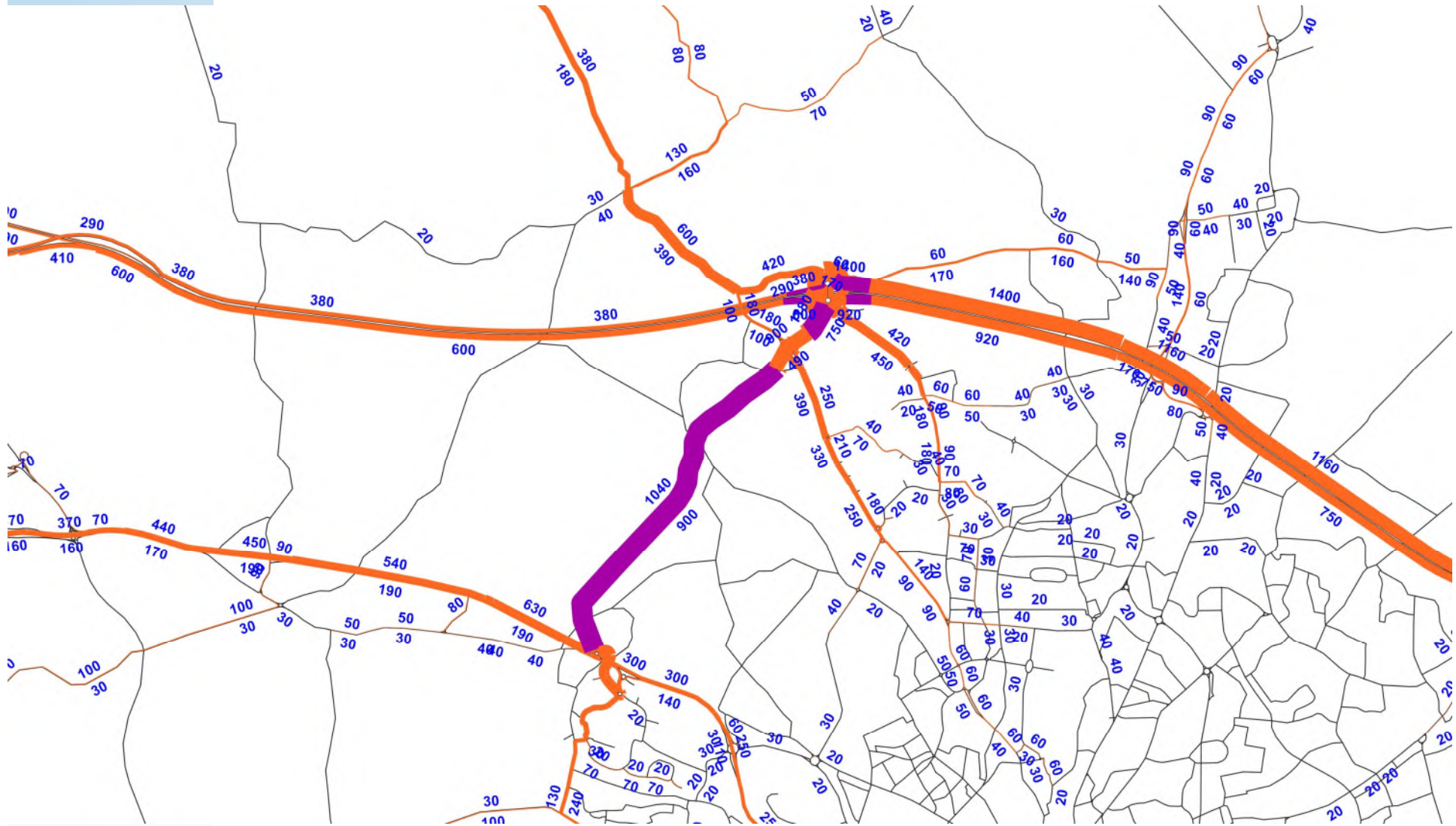


P1 – New Link Road Flow Bundle

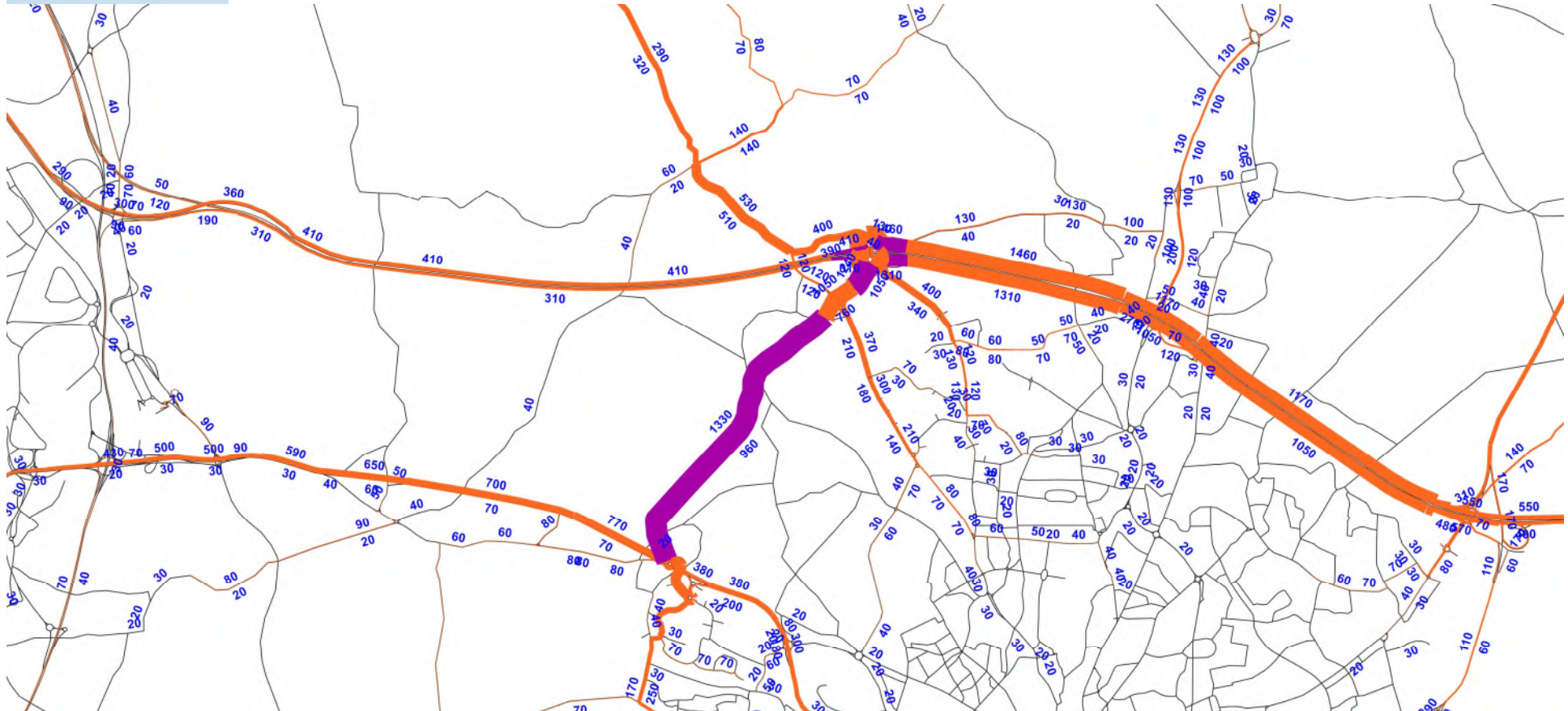
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P1 : New Link Road Flow Bundle (AM)



P1 : New Link Road Flow Bundle (PM)

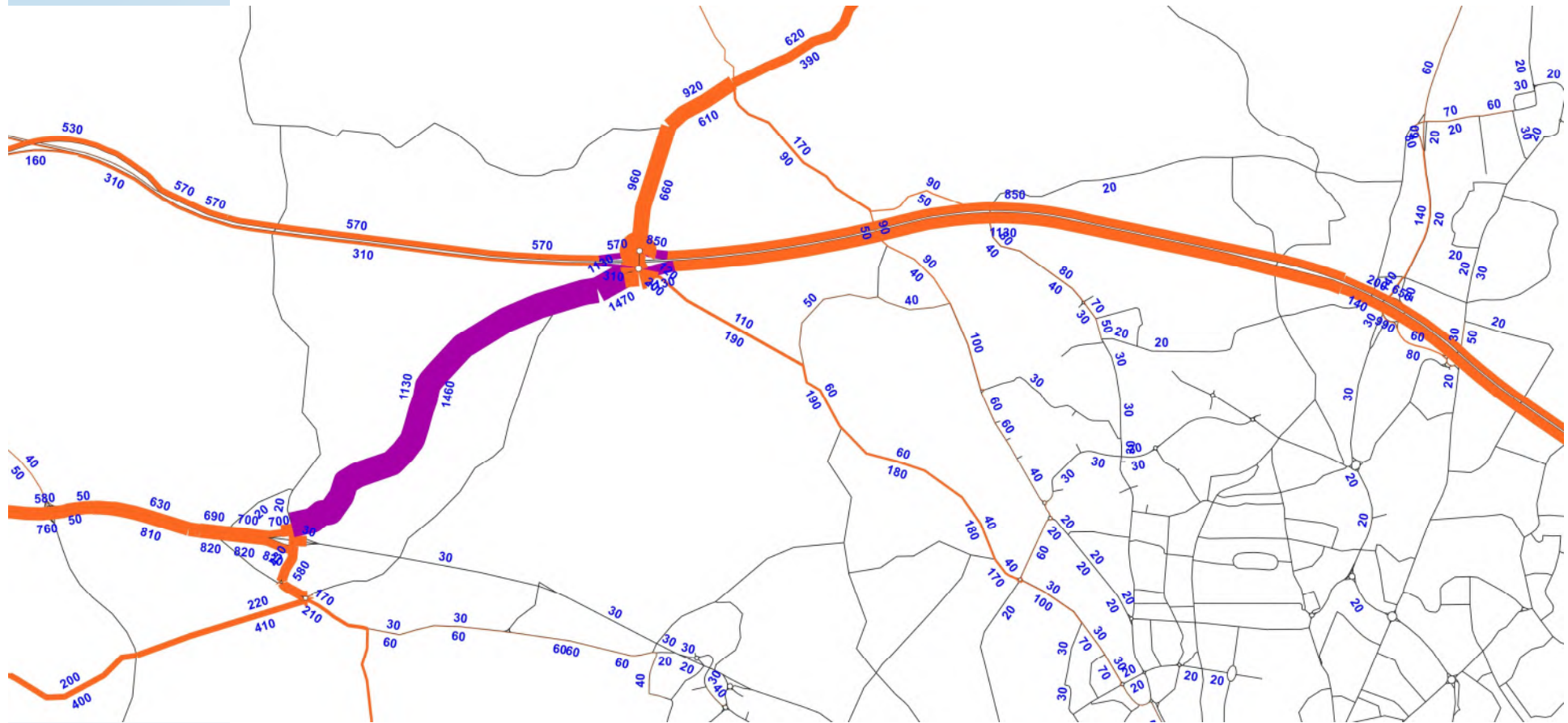


P2.A1 – New Link Road Flow Bundle

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P1 : New Link Road Flow Bundle (PM)



KLR Road Flow Bundle -AM

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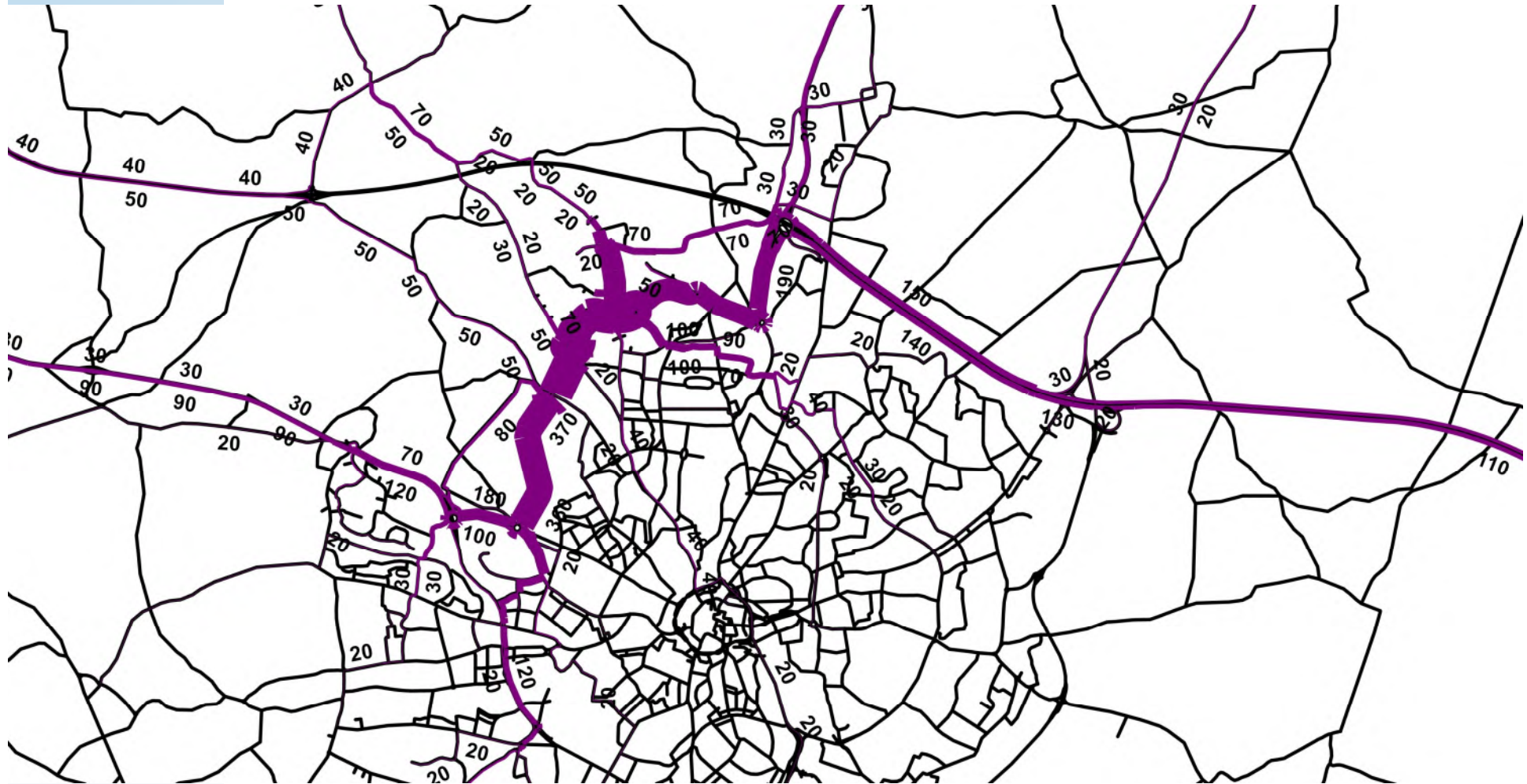
P1 : Select Link Analysis on KLR (AM)



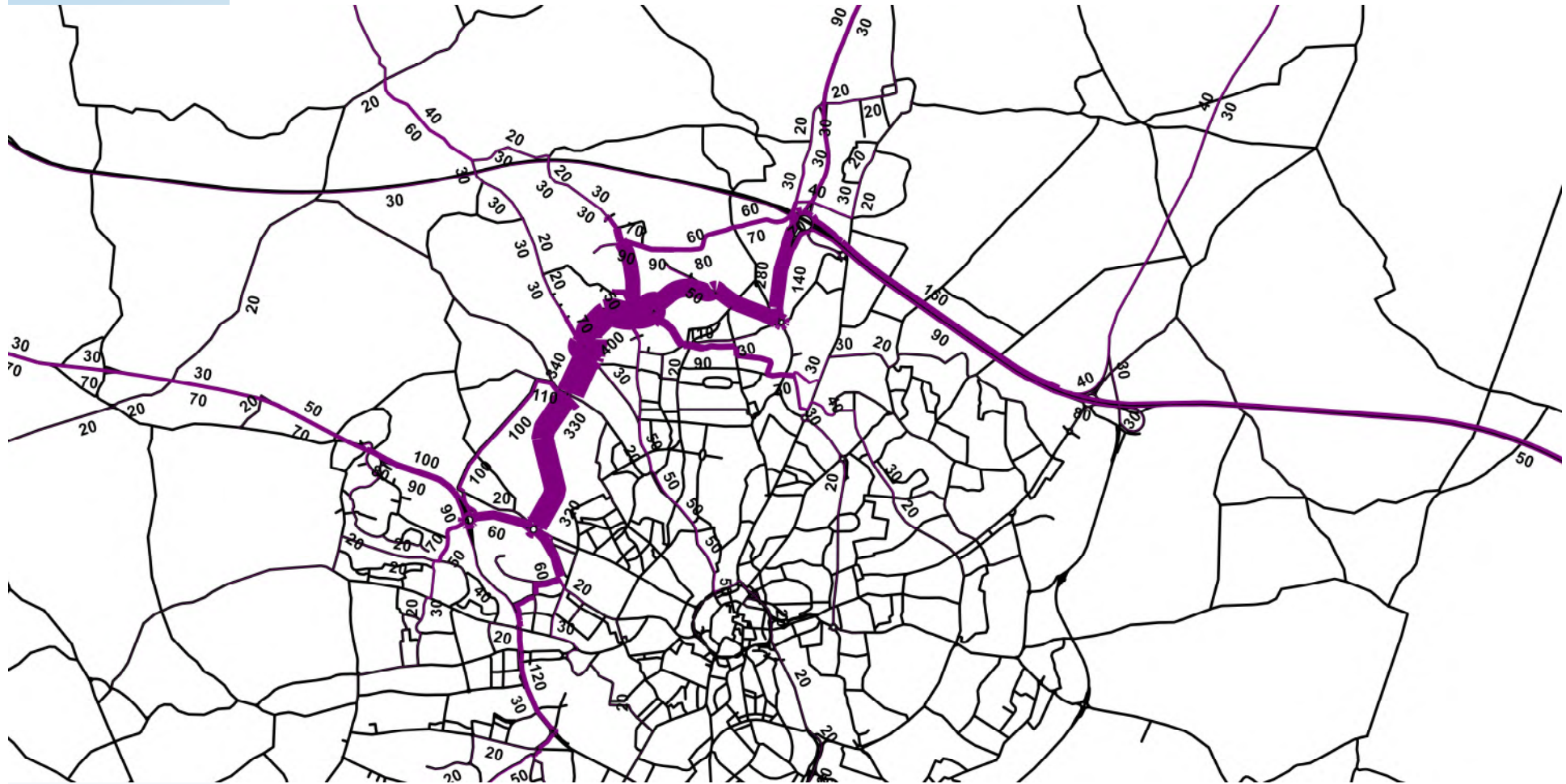
P1_A1 : Select Link Analysis on KLR (AM)



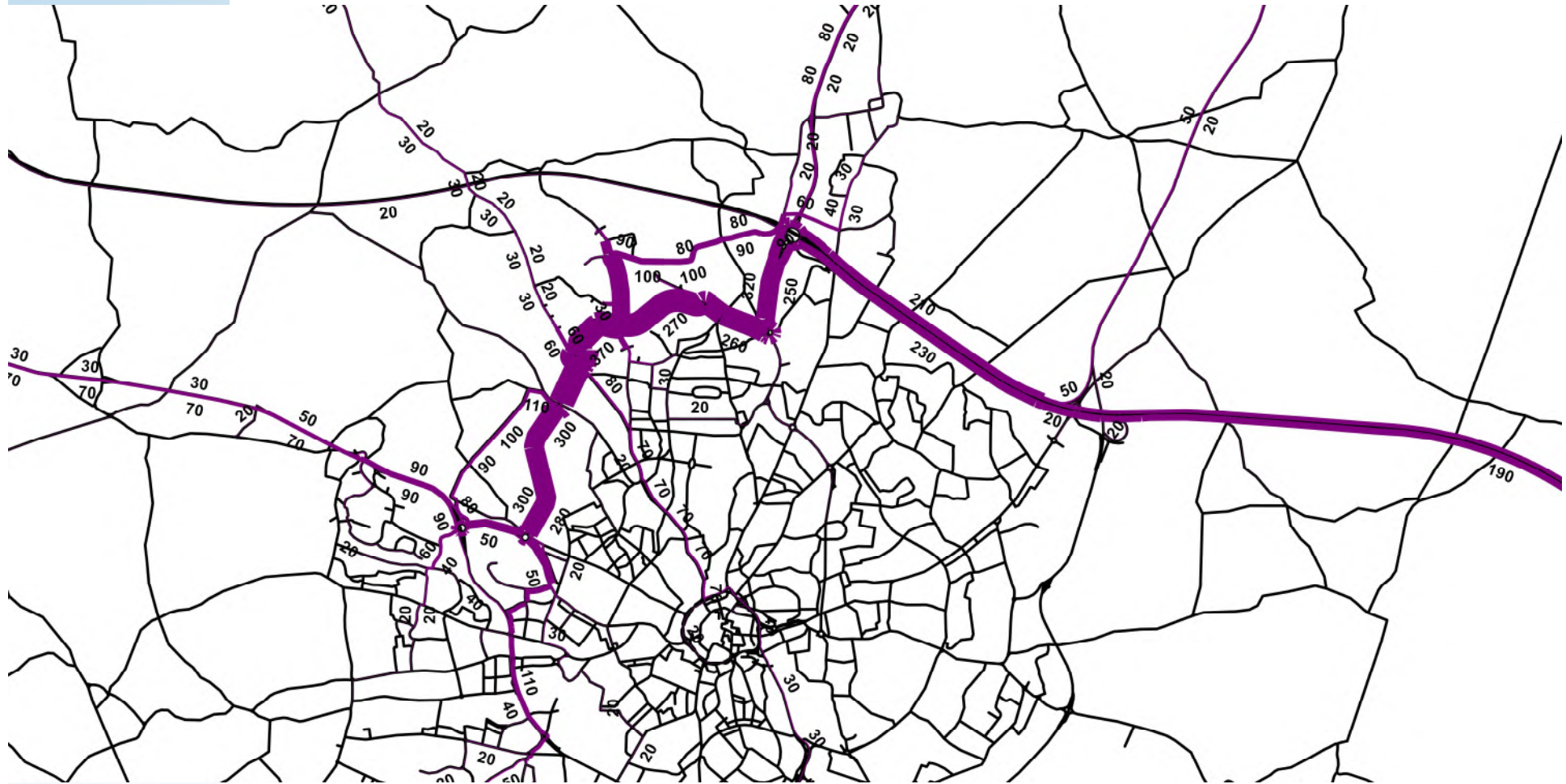
P2_A1 : Select Link Analysis on KLR (AM)



P3 : Select Link Analysis on KLR (AM)



P5 : Select Link Analysis on KLR (AM)



KLR Road Flow Bundle -PM

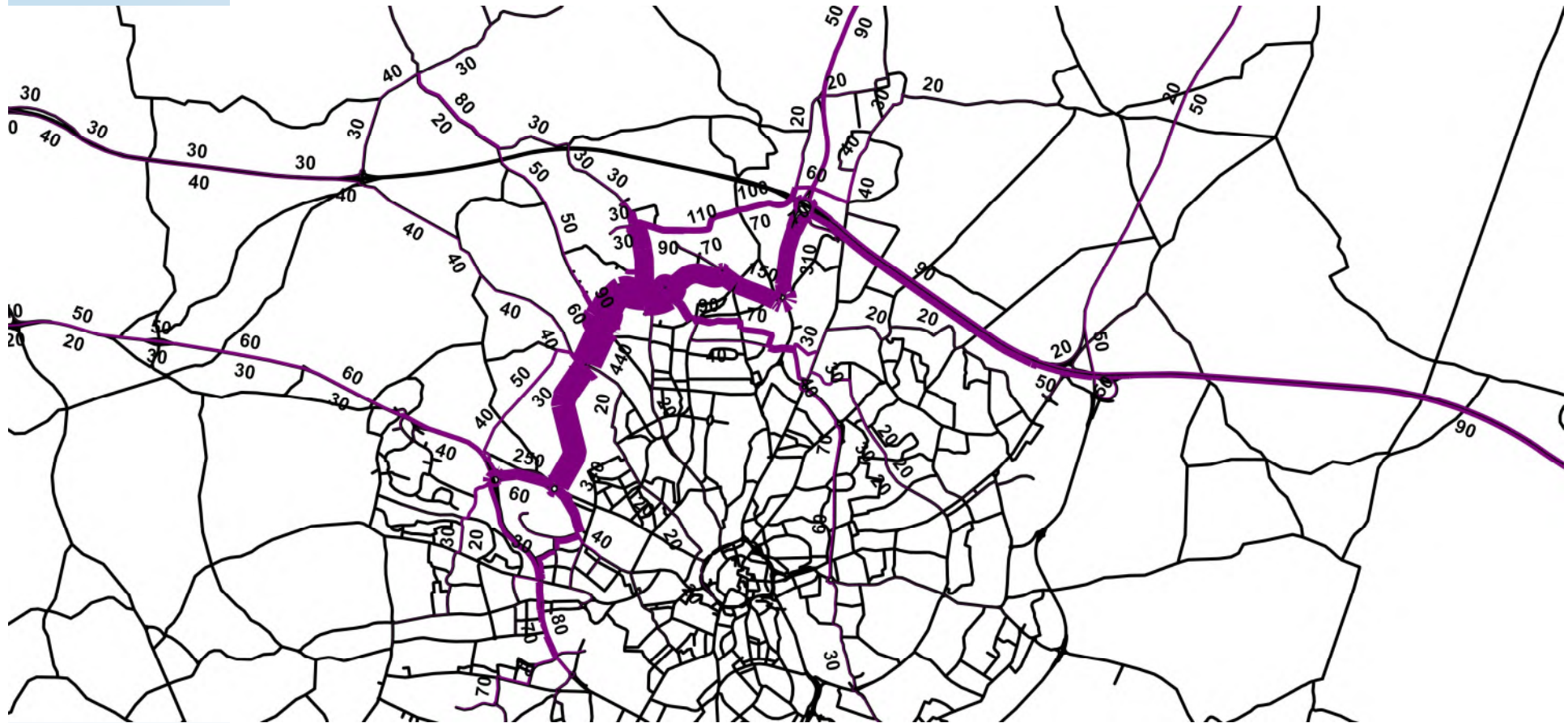
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P1 : Select Link Analysis on KLR (PM)



P2_A1 : Select Link Analysis on KLR (PM)



Model Register : AM Peak

Model Scenario	File Path
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AM P1_A1	"L:\70001991 - CSW WMHA Coventry\D Design and Analysis\Transportation\VISUM\CASM Model Files\Future Year\HAM\Run\AM 2041 Update\01- A46 Phase 2\14-DS CovNorth Option\P1_A1\CASM_2041_AM_DS_CNTP_P1_v4.3_A1.1_Asg.ver"
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AM P3	"L:\70001991 - CSW WMHA Coventry\D Design and Analysis\Transportation\VISUM\CASM Model Files\Future Year\HAM\Run\AM 2041 Update\01- A46 Phase 2\14-DS CovNorth Option\P3\CASM_2041_AM_DS_CNTP_P3_v5_Asg.ver"
AM P4_A1	"L:\70001991 - CSW WMHA Coventry\D Design and Analysis\Transportation\VISUM\CASM Model Files\Future Year\HAM\Run\AM 2041 Update\01- A46 Phase 2\14-DS CovNorth Option\P4_A1\CASM_2041_AM_DS_CNTP_P4_v8_A1.3_Asg.ver"
AM P5	"L:\70001991 - CSW WMHA Coventry\D Design and Analysis\Transportation\VISUM\CASM Model Files\Future Year\HAM\Run\AM 2041 Update\01- A46 Phase 2\14-DS CovNorth Option\P5\CASM_2041_AM_DS_CNTP_P5_v8_Asg.ver"
AM P6	"L:\70001991 - CSW WMHA Coventry\D Design and Analysis\Transportation\VISUM\CASM Model Files\Future Year\HAM\Run\AM 2041 Update\01- A46 Phase 2\14-DS CovNorth Option\P6\CASM_2041_AM_DS_CNTP_P6_v6_Asg.ver"

Model Register : PM Peak

Model Scenario	File Path
PM DM	L:\70001991 - CSW WMHA Coventry\D Design and Analysis\Transportation\VISUM\CASM Model Files\Future Year\HAM\Run\PM 2041 Update\01- A46 Phase 2\13-DM CovNorth Option\CASM_2041_PM_DM_CNTP_v2.1_Asg.ver
PM P1	"L:\70001991 - CSW WMHA Coventry\D Design and Analysis\Transportation\VISUM\CASM Model Files\Future Year\HAM\Run\PM 2041 Update\01- A46 Phase 2\14-DS CovNorth Option\P1\CASM_2041_PM_DS_CNTP_P1_v4.3_Asg.ver"
PM P1_A1	"L:\70001991 - CSW WMHA Coventry\D Design and Analysis\Transportation\VISUM\CASM Model Files\Future Year\HAM\Run\PM 2041 Update\01- A46 Phase 2\14-DS CovNorth Option\P1_A1\CASM_2041_PM_DS_CNTP_P1_v4.3_A1.1_Asg.ver"
PM P1_A2	"L:\70001991 - CSW WMHA Coventry\D Design and Analysis\Transportation\VISUM\CASM Model Files\Future Year\HAM\Run\PM 2041 Update\01- A46 Phase 2\14-DS CovNorth Option\P1_A2\CASM_2041_PM_DS_CNTP_P1_v4.3_A2.0_Asg.ver"
PM P2_A1	"L:\70001991 - CSW WMHA Coventry\D Design and Analysis\Transportation\VISUM\CASM Model Files\Future Year\HAM\Run\PM 2041 Update\01- A46 Phase 2\14-DS CovNorth Option\P2-A1\CASM_2041_PM_DS_CNTP_P2_v2.4_A1.2_Asg.ver"
PM P3	"L:\70001991 - CSW WMHA Coventry\D Design and Analysis\Transportation\VISUM\CASM Model Files\Future Year\HAM\Run\PM 2041 Update\01- A46 Phase 2\14-DS CovNorth Option\P3\CASM_2041_PM_DS_CNTP_P3_v5_Asg.ver"
PM P4_A1	"L:\70001991 - CSW WMHA Coventry\D Design and Analysis\Transportation\VISUM\CASM Model Files\Future Year\HAM\Run\PM 2041 Update\01- A46 Phase 2\14-DS CovNorth Option\P4_A1\CASM_2041_PM_DS_CNTP_P4_v8_A1.3_Asg.ver"
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