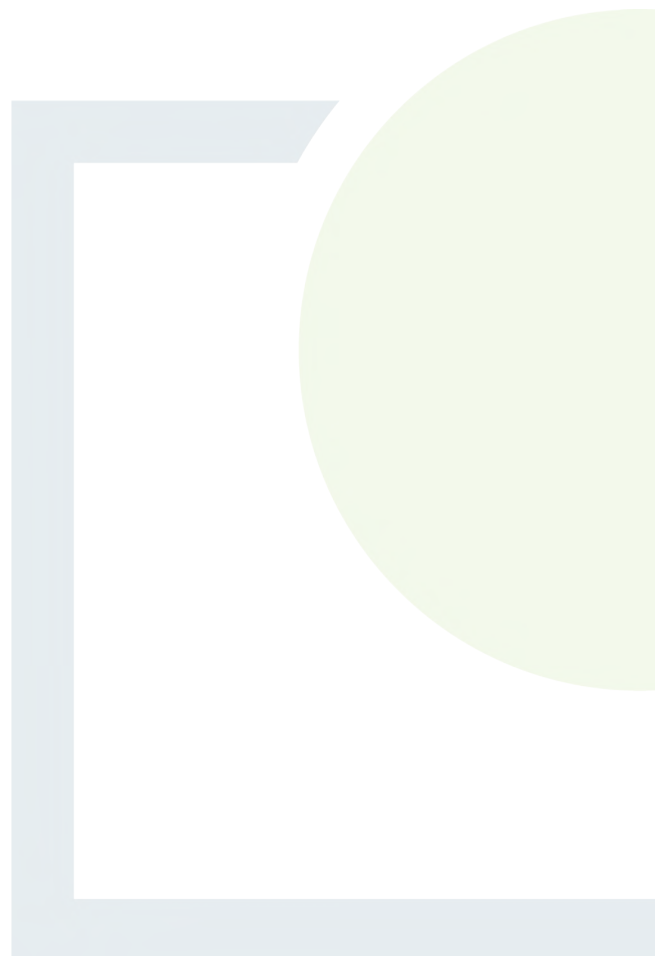


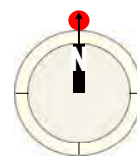


DESIGNING AND DELIVERING
A SUSTAINABLE FUTURE

Appendix 14.2

Network Flow Diagrams





Junctions

- 1 Blarney Business Park North Roundabout
- 2 Blarney Business Park South Roundabout
- 3 Blarney Interchange Roundabout
- 4 Blarney Business Park R617
- 5 Balrney Interchange Eastbound Link

Links

- 1 N20 North of Blarney Business Park (TII Data)
- 2 Blarney Business Park N20 Off-slip
- 3 Blarney Business Park N20 On-slip
- 4 Blarney Business Park Roundabout Connector
- 5 Blarney Business Park Southern Link
- 6 R617 N20 Link Road
- 7 R617 N20 Link Road Underpass
- 8 N20 Northbound Off-slip
- 9 N20 Northbound On-slip
- 10 R617 Blarney Road
- 11 N20 South (TII Data)
- 12 Blarney Business Park Internal (North)
- 13 Blarney Business Park Internal (South)

Junction Turning Counts

(Tue 13 May 2025 07:00-19:00hrs)

Movement No. ————

Direction ————

Light Vehicles ————

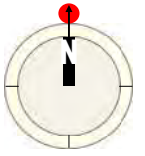
HGV ————

R617 An Bhlarina
BALRNEY

R617

R617

Corcaigh
CORK N20
Na Cillini km
KILEENS 2



Junctions

- 1** Blarney Business Park North Roundabout
- 2** Blarney Business Park South Roundabout
- 3** Blarney Interchange Roundabout
- 4** Blarney Business Park R617
- 5** Balrney Interchange Eastbound Link

Links

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- 3** Blarney Business Park N20 On-slip
- 4** Blarney Business Park Roundabout Connector
- 5** Blarney Business Park Southern Link
- 6** R617 N20 Link Road
- 7** R617 N20 Link Road Underpass
- 8** N20 Northbound Off-slip
- 9** N20 Northbound On-slip
- 10** R617 Blarney Road
- 11** N20 South (TII Data)
- 12** Blarney Business Park Internal (North)
- 13** Blarney Business Park Internal (South)

BLARNEY BUSINESS PARK

SITE 1

SITE 2

SITE 3

Junction Turning Counts (Tue 13 May 2025 07:30-08:30hrs)

Movement No. ————

Direction ————

Light Vehicles ————

HGV ————

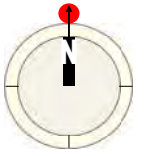
R617 An Bhlarina
BALRNEY

R617

R617

Corcaigh
CORK N20

Na Cillini km
KILEENS 2



Junctions

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- 5 Balrney Interchange Eastbound Link

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- 5 Blarney Business Park Southern Link
- 6 R617 N20 Link Road
- 7 R617 N20 Link Road Underpass
- 8 N20 Northbound Off-slip
- 9 N20 Northbound On-slip
- 10 R617 Blarney Road
- 11 N20 South (TII Data)
- 12 Blarney Business Park Internal (North)
- 13 Blarney Business Park Internal (South)

Junction Turning Counts (Tue 13 May 2025 16:30-17:30hrs)

Movement No. ————
Direction ————
Light Vehicles ————
HGV ————

R617 An Bhlarna BALRNEY

R617

R617

Corcaigh CORK N20
Na Cillini km 2 KILEENS



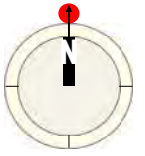
- 1 Blarney Business Park North Roundabout
- 2 Balrney Business Park South Roundabout
- 3 Blarney Interchange Roundabout
- 4 Blarney Business Park R617
- 5 Balrney Interchange Eastbound Link

Links

- 1 N20 North of Blarney Business Park (TII Data)
- 2 Blarney Business Park N20 Off-slip
- 3 Blarney Business Park N20 On-slip
- 4 Blarney Business Park Roundabout Connector
- 5 Blarney Business Park Southern Link
- 6 R617 N20 Link Road
- 7 R617 N20 Link Road Underpass
- 8 N20 Northbound Off-slip
- 9 N20 Northbound On-slip
- 10 R617 Blarney Road
- 11 N20 South (TII Data)
- 12 Blarney Business Park Internal (North)
- 13 Blarney Business Park Internal (South)

Junction Turning Movements

Movement No. — 2
Direction — ↑
Light Vehicles — 17
HGV — 2



Junctions

- 1** Blarney Business Park North Roundabout
- 2** Blarney Business Park South Roundabout
- 3** Blarney Interchange Roundabout
- 4** Blarney Business Park R617
- 5** Blarney Interchange Eastbound Link

Links

- 1** N20 North of Blarney Business Park (TII Data)
- 2** Blarney Business Park N20 Off-slip
- 3** Blarney Business Park N20 On-slip
- 4** Blarney Business Park Roundabout Connector
- 5** Blarney Business Park Southern Link
- 6** R617 N20 Link Road
- 7** R617 N20 Link Road Underpass
- 8** N20 Northbound Off-slip
- 9** N20 Northbound On-slip
- 10** R617 Blarney Road
- 11** N20 South (TII Data)
- 12** Blarney Business Park Internal (North)
- 13** Blarney Business Park Internal (South)

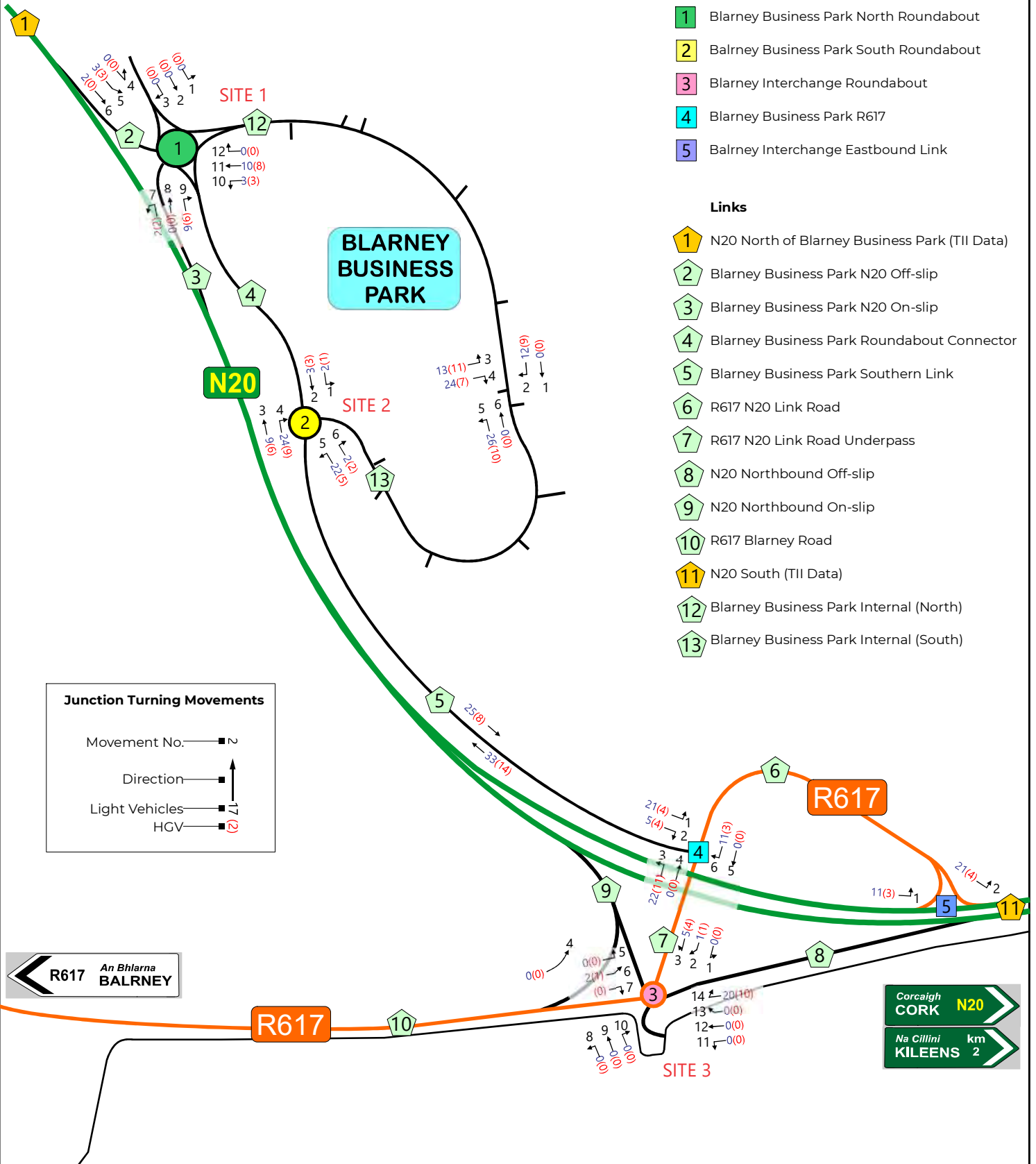
Junction Turning Movements

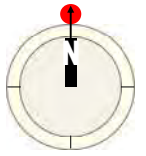
Movement No. ———— ■ ~

Direction ———— ■ ↑

Light Vehicles ———— ■ 7

HGV ———— ■ 2





Junctions

- 1** Blarney Business Park North Roundabout
- 2** Blarney Business Park South Roundabout
- 3** Blarney Interchange Roundabout
- 4** Blarney Business Park R617
- 5** Balrney Interchange Eastbound Link

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- 6** R617 N20 Link Road
- 7** R617 N20 Link Road Underpass
- 8** N20 Northbound Off-slip
- 9** N20 Northbound On-slip
- 10** R617 Blarney Road
- 11** N20 South (TII Data)
- 12** Blarney Business Park Internal (North)
- 13** Blarney Business Park Internal (South)

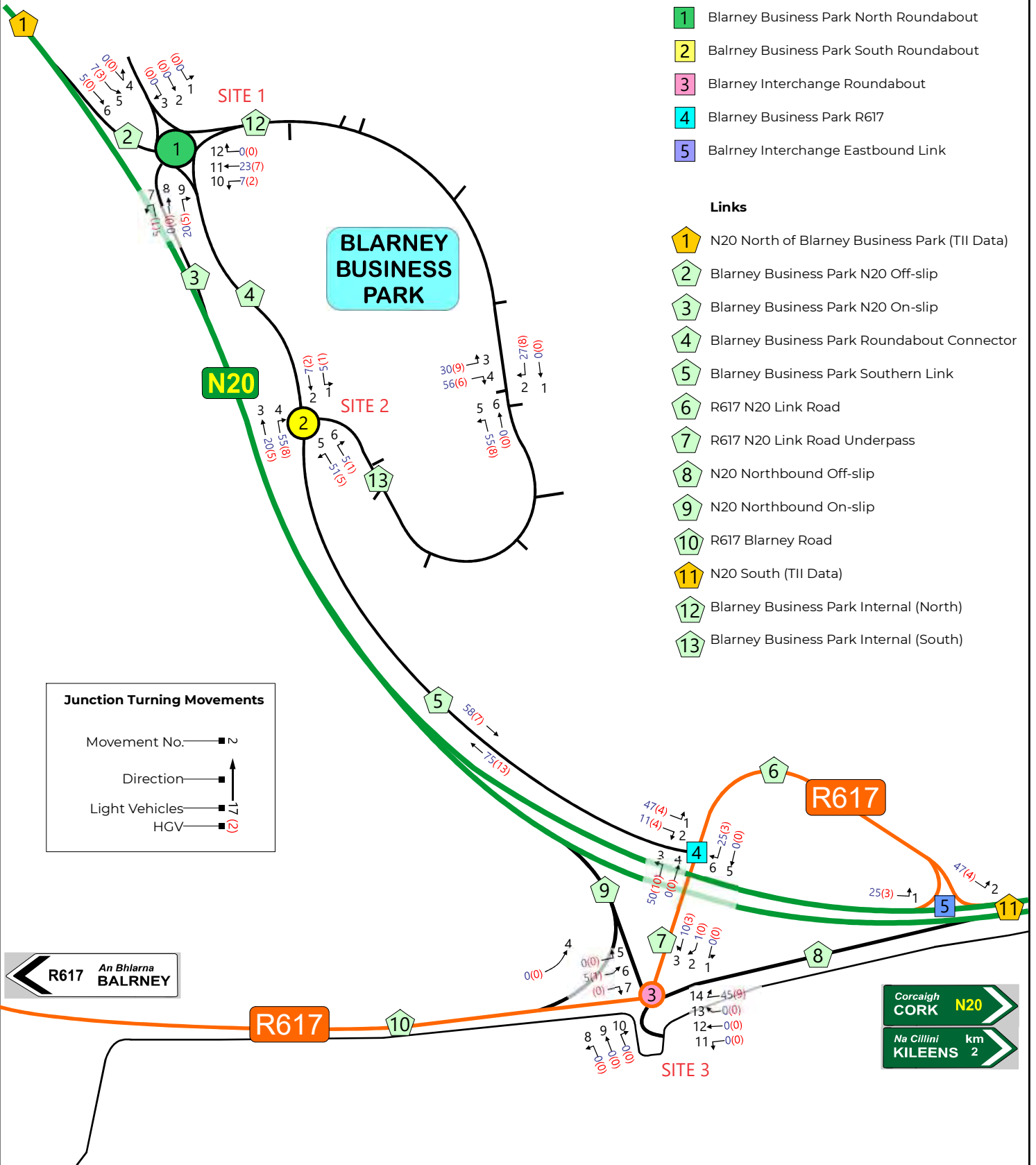
Junction Turning Movements

Movement No. ———— ■ ~

Direction ———— ■ ↑

Light Vehicles ———— ■ 7

HGV ———— ■ 2



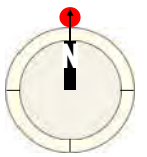
R617 An Bhlarna
BALRNEY

R617

R617

Corcaigh
CORK N20

Na Cillíní km 2
KILEENS



Junctions

- 1** Blarney Business Park North Roundabout
- 2** Blarney Business Park South Roundabout
- 3** Blarney Interchange Roundabout
- 4** Blarney Business Park R617
- 5** Blarney Interchange Eastbound Link

Links

- 1** N20 North of Blarney Business Park (TII Data)
- 2** Blarney Business Park N20 Off-slip
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- 5** Blarney Business Park Southern Link
- 6** R617 N20 Link Road
- 7** R617 N20 Link Road Underpass
- 8** N20 Northbound Off-slip
- 9** N20 Northbound On-slip
- 10** R617 Blarney Road
- 11** N20 South (TII Data)
- 12** Blarney Business Park Internal (North)
- 13** Blarney Business Park Internal (South)

Junction Turning Movements

Movement No. — ■ ~

Direction — ■ ↑

Light Vehicles — ■ 7

HGV — ■ 2

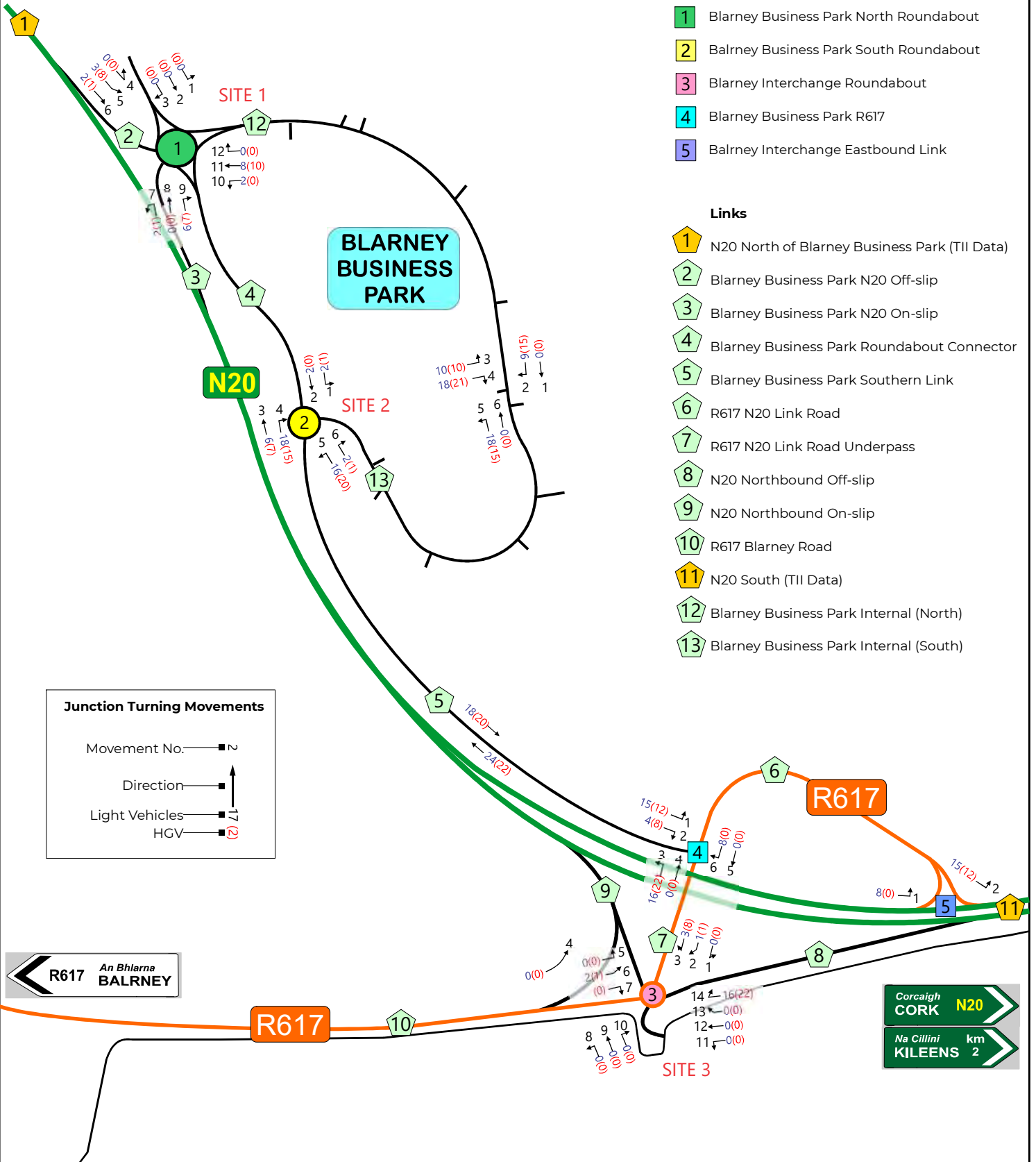
R617 An Bhlarna
BALRNEY

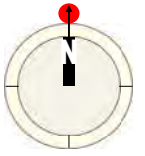
R617

R617

Corcaigh
CORK N20

Na Cillini
KILEENS km 2





Junctions

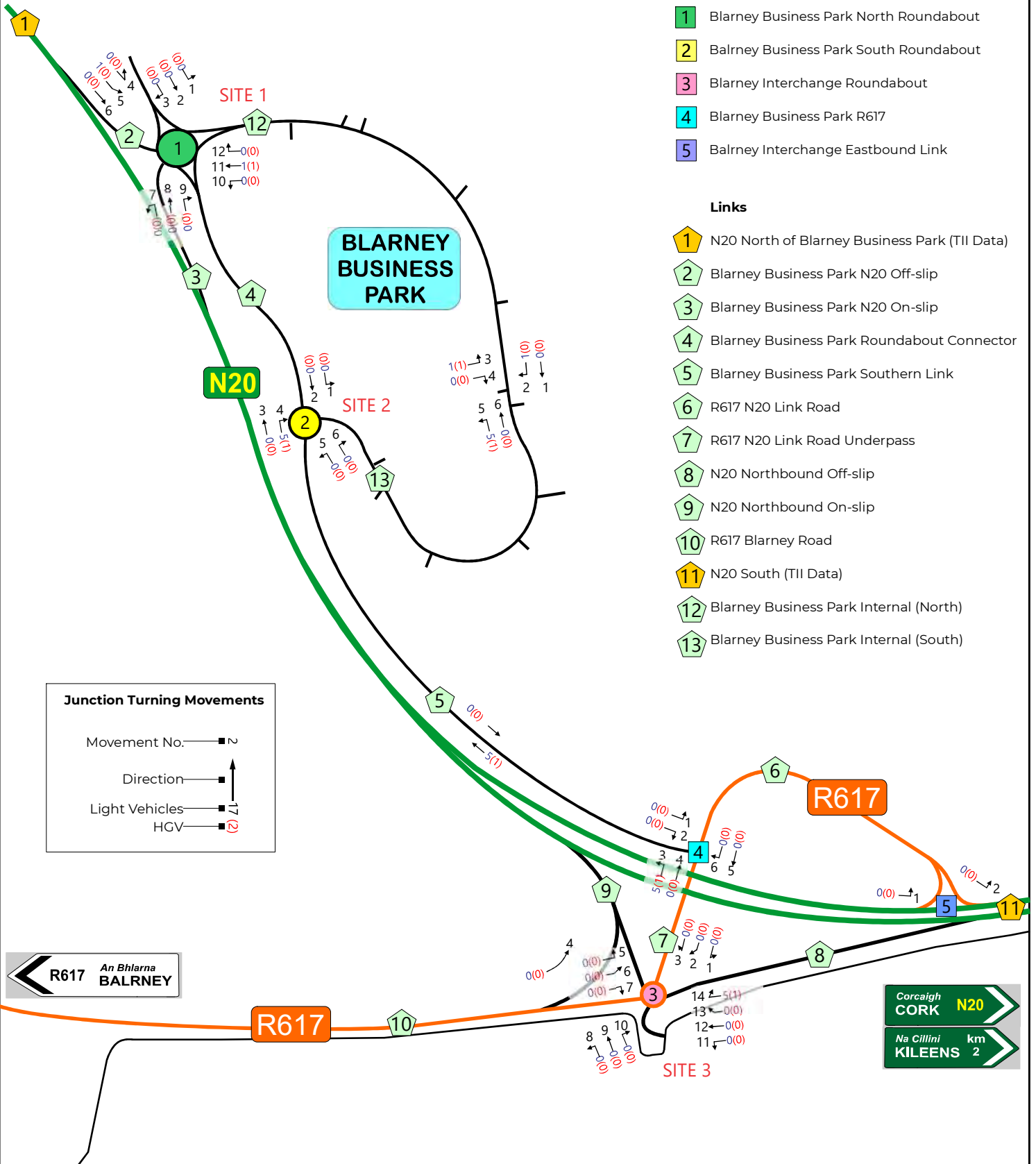
- 1** Blarney Business Park North Roundabout
- 2** Blarney Business Park South Roundabout
- 3** Blarney Interchange Roundabout
- 4** Blarney Business Park R617
- 5** Balrney Interchange Eastbound Link

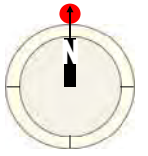
Links

- 1** N20 North of Blarney Business Park (TII Data)
- 2** Blarney Business Park N20 Off-slip
- 3** Blarney Business Park N20 On-slip
- 4** Blarney Business Park Roundabout Connector
- 5** Blarney Business Park Southern Link
- 6** R617 N20 Link Road
- 7** R617 N20 Link Road Underpass
- 8** N20 Northbound Off-slip
- 9** N20 Northbound On-slip
- 10** R617 Blarney Road
- 11** N20 South (TII Data)
- 12** Blarney Business Park Internal (North)
- 13** Blarney Business Park Internal (South)

Junction Turning Movements

Movement No. ———— ■ ~
 Direction ———— ■ ↑
 Light Vehicles ———— ■ 7
 HGV ———— ■ 2





Junctions

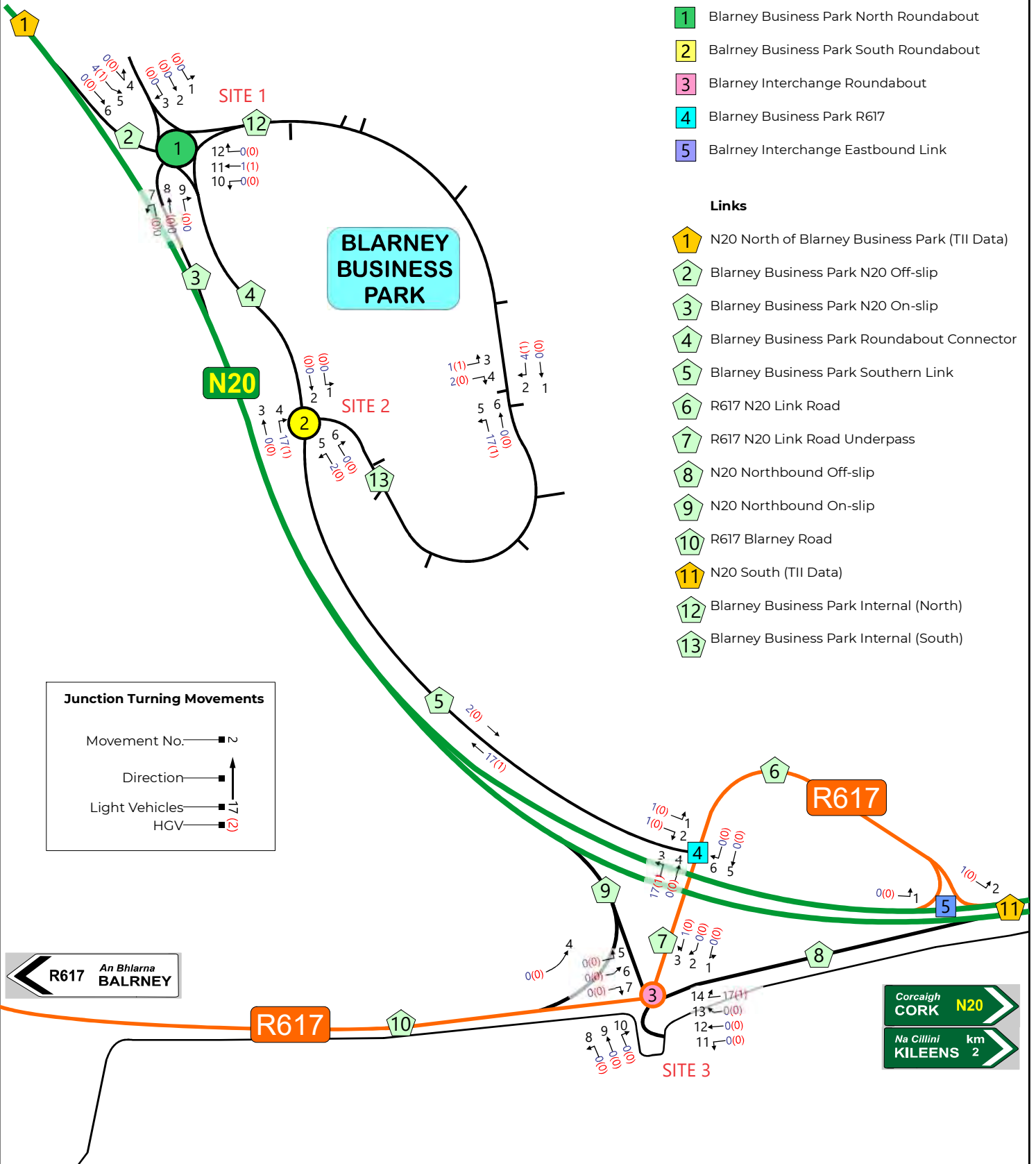
- 1** Blarney Business Park North Roundabout
- 2** Blarney Business Park South Roundabout
- 3** Blarney Interchange Roundabout
- 4** Blarney Business Park R617
- 5** Balrney Interchange Eastbound Link

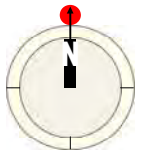
Links

- 1** N20 North of Blarney Business Park (TII Data)
- 2** Blarney Business Park N20 Off-slip
- 3** Blarney Business Park N20 On-slip
- 4** Blarney Business Park Roundabout Connector
- 5** Blarney Business Park Southern Link
- 6** R617 N20 Link Road
- 7** R617 N20 Link Road Underpass
- 8** N20 Northbound Off-slip
- 9** N20 Northbound On-slip
- 10** R617 Blarney Road
- 11** N20 South (TII Data)
- 12** Blarney Business Park Internal (North)
- 13** Blarney Business Park Internal (South)

Junction Turning Movements

Movement No. — ■ ~
Direction — ■ ↑
Light Vehicles — ■ ↗
HGV — ■ ↘





Junctions

- 1** Blarney Business Park North Roundabout
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- 9** N20 Northbound On-slip
- 10** R617 Blarney Road
- 11** N20 South (TII Data)
- 12** Blarney Business Park Internal (North)
- 13** Blarney Business Park Internal (South)

Junction Turning Movements

- Movement No. — ■ ~
- Direction — ■ ↑
- Light Vehicles — ■ ↘
- HGV — ■ ↻

R617 An Bhlarna
BALRNEY

R617

R617

Corcaigh
CORK **N20**

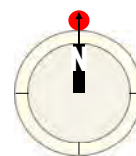
Na Cillini km
KILEENS 2

**BLARNEY
BUSINESS
PARK**

SITE 1

SITE 2

SITE 3



Junctions

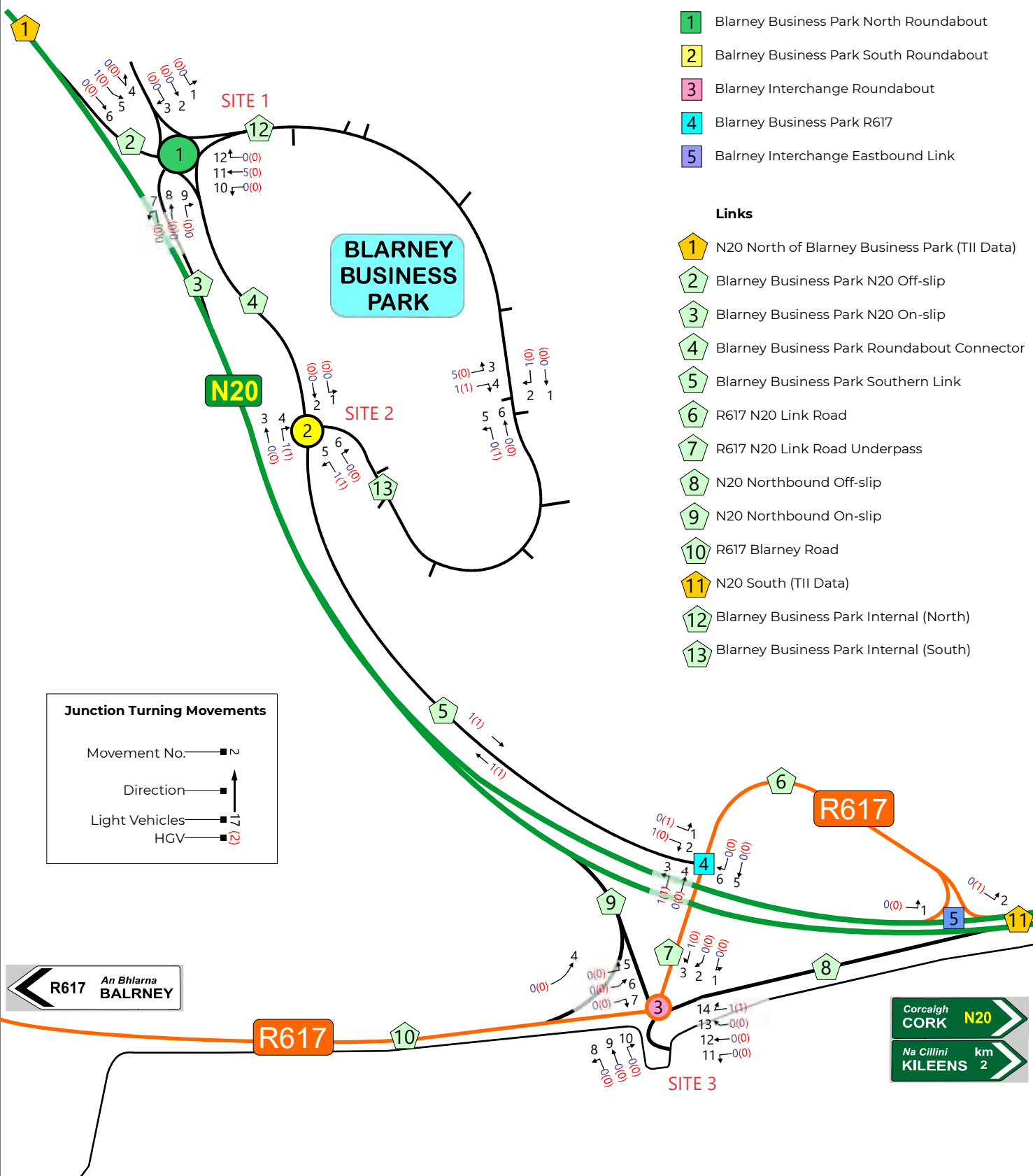
- 1** Blarney Business Park North Roundabout
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- 4** Blarney Business Park R617
- 5** Balrney Interchange Eastbound Link

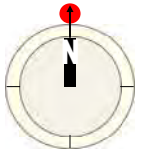
Links

- 1** N20 North of Blarney Business Park (TII Data)
- 2** Blarney Business Park N20 Off-slip
- 3** Blarney Business Park N20 On-slip
- 4** Blarney Business Park Roundabout Connector
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- 7** R617 N20 Link Road Underpass
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- 9** N20 Northbound On-slip
- 10** R617 Blarney Road
- 11** N20 South (TII Data)
- 12** Blarney Business Park Internal (North)
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Junction Turning Movements

Movement No. ———— ■ ~
 Direction ———— ■ ↑
 Light Vehicles ———— ■ ↘
 HGV ———— ■ ↘





Junctions

- 1** Blarney Business Park North Roundabout
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- 4** Blarney Business Park R617
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- 10** R617 Blarney Road
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- 12** Blarney Business Park Internal (North)
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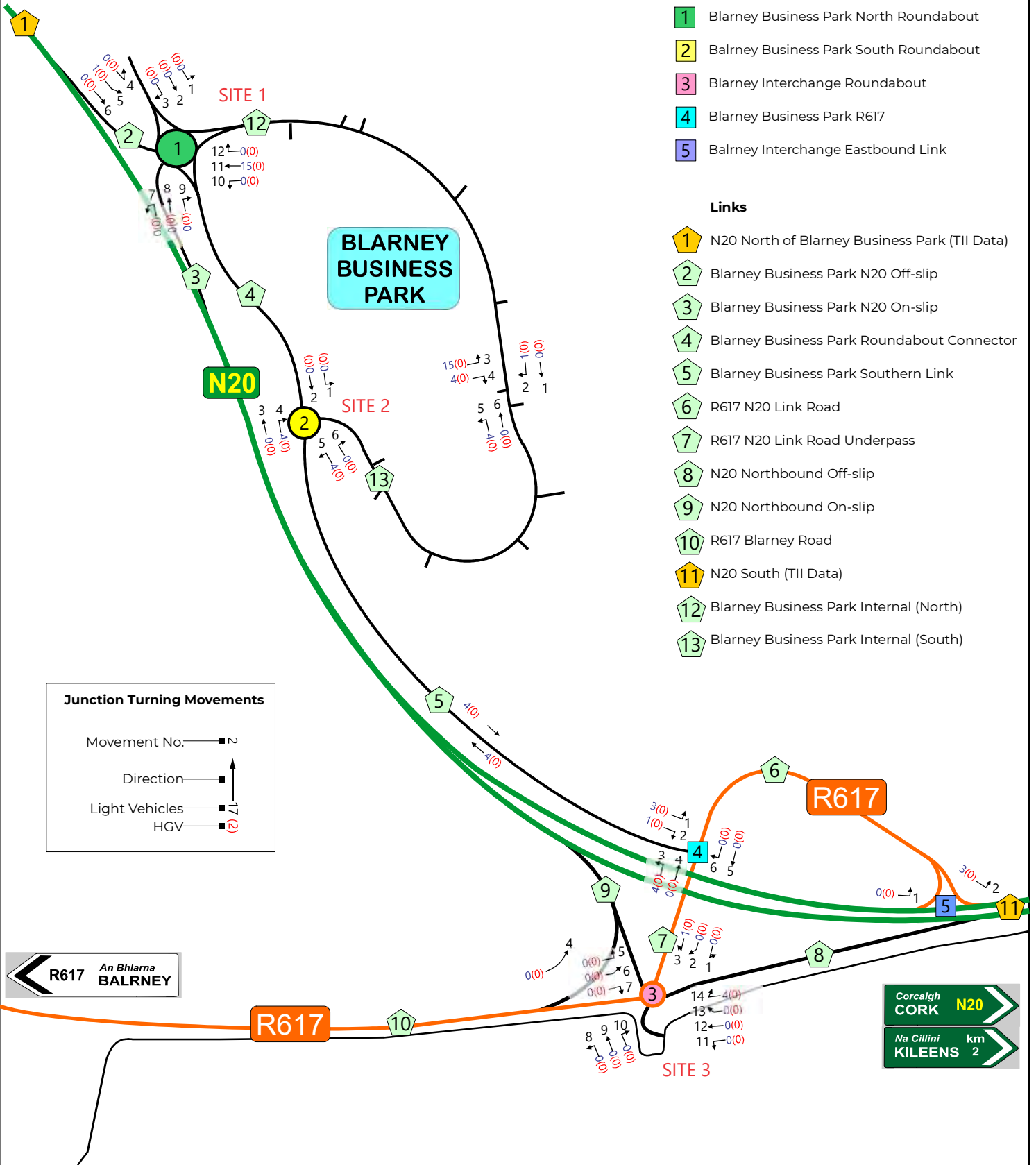
Junction Turning Movements

Movement No. — ■ ~

Direction — ■ ↑

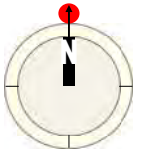
Light Vehicles — ■ ↗

HGV — ■ ↘





Project Title	Blarney Business Park 2025		Prepared:	TWL	Checked:	JMK	Approved:	JMK
Drawing Title	Proposed Healthcare WMF Forecast Evening Peak Hour Traffic Flows 16:30-17:30hrs		Date:	Nov 2025	Date:	Nov 2025	Date:	Nov 2025
			Scale:	NTS	Project No:	03225	Figure 13	
			Appendix B					



Junctions

- 1** Blarney Business Park North Roundabout
- 2** Blarney Business Park South Roundabout
- 3** Blarney Interchange Roundabout
- 4** Blarney Business Park R617
- 5** Balrney Interchange Eastbound Link

Links

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- 10** R617 Blarney Road
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- 12** Blarney Business Park Internal (North)
- 13** Blarney Business Park Internal (South)

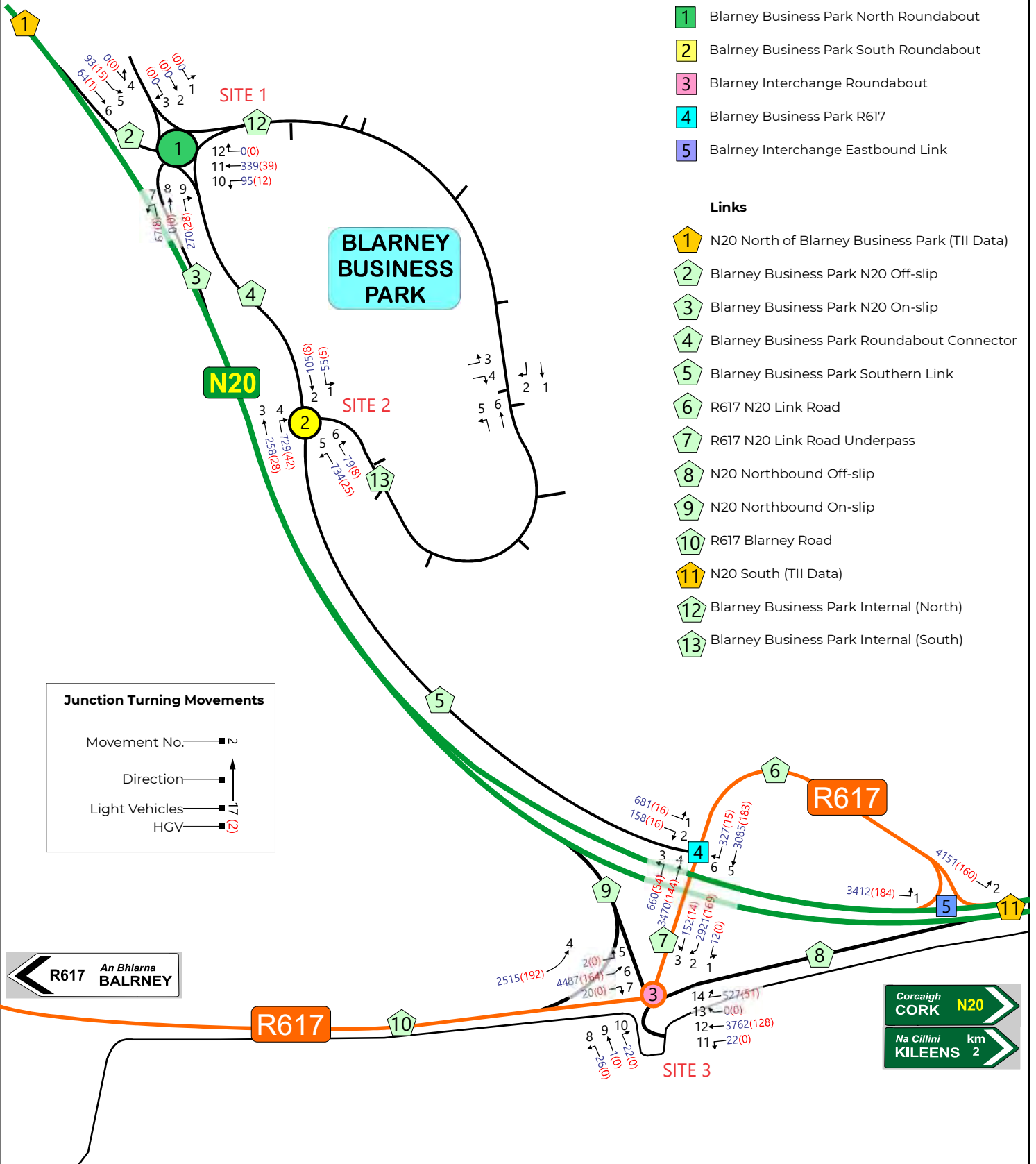
Junction Turning Movements

Movement No. — ■ ~

Direction — ■ ↑

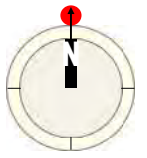
Light Vehicles — ■ 7

HGV — ■ 2





Project Title	Blarney Business Park 2025	Prepared:	TWL	Checked:	JMK	Approved:	JMK
Drawing Title	2032 Opening Year +5yrs Weekday Daily Turning Traffic Flows 07:00-19:00hrs Do Nothing	Date:	Nov 2025	Date:	Nov 2025	Date:	Nov 2025
		Scale:	NTS	Project No:	03225	Figure 15	
		Appendix B					



Junctions

- 1** Blarney Business Park North Roundabout
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- 4** Blarney Business Park R617
- 5** Blarney Interchange Eastbound Link

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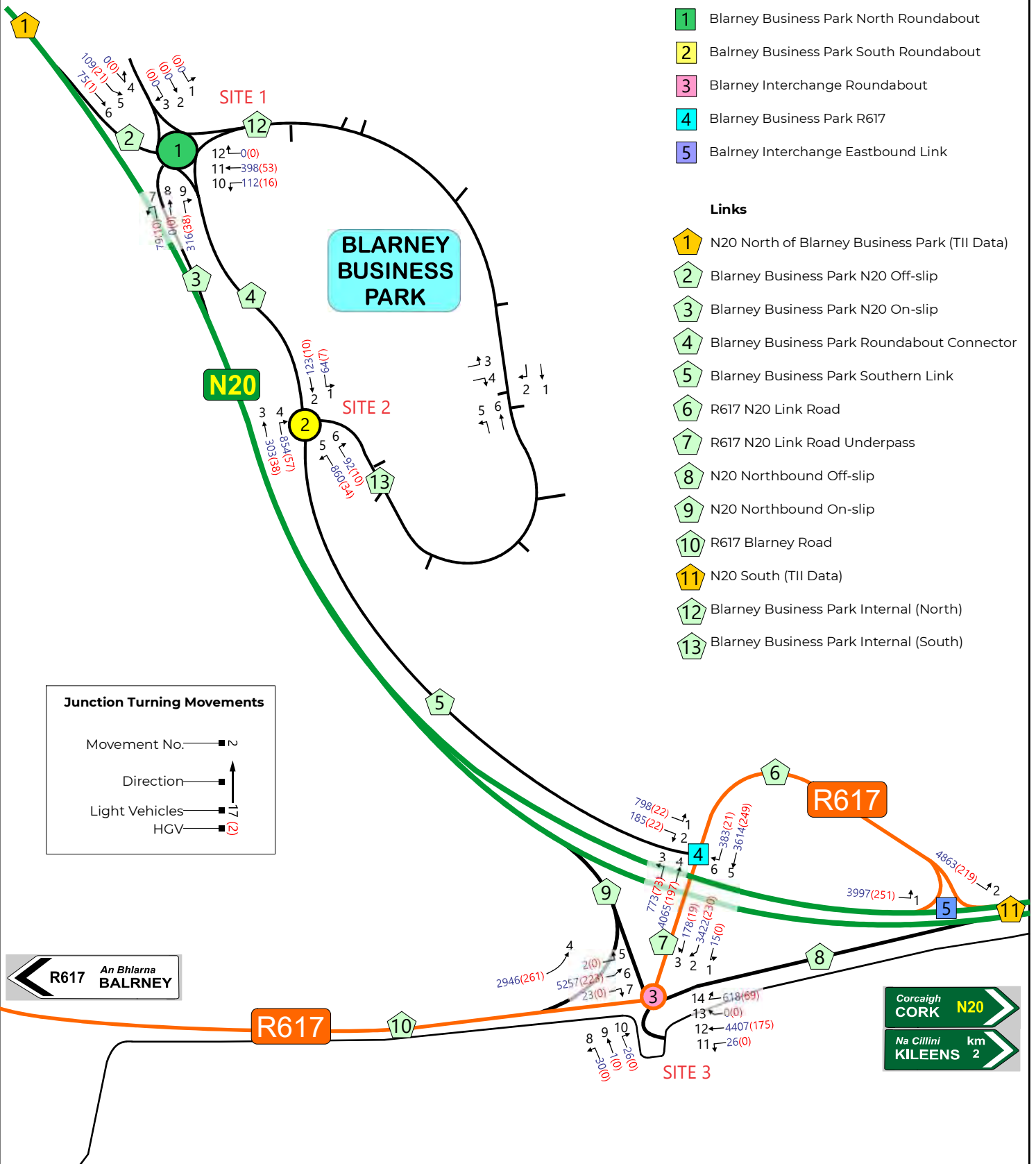
Junction Turning Movements

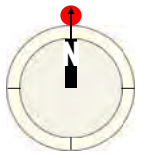
Movement No. — ■ ~

Direction — ■ ↑

Light Vehicles — ■ 7

HGV — ■ 2





Junctions

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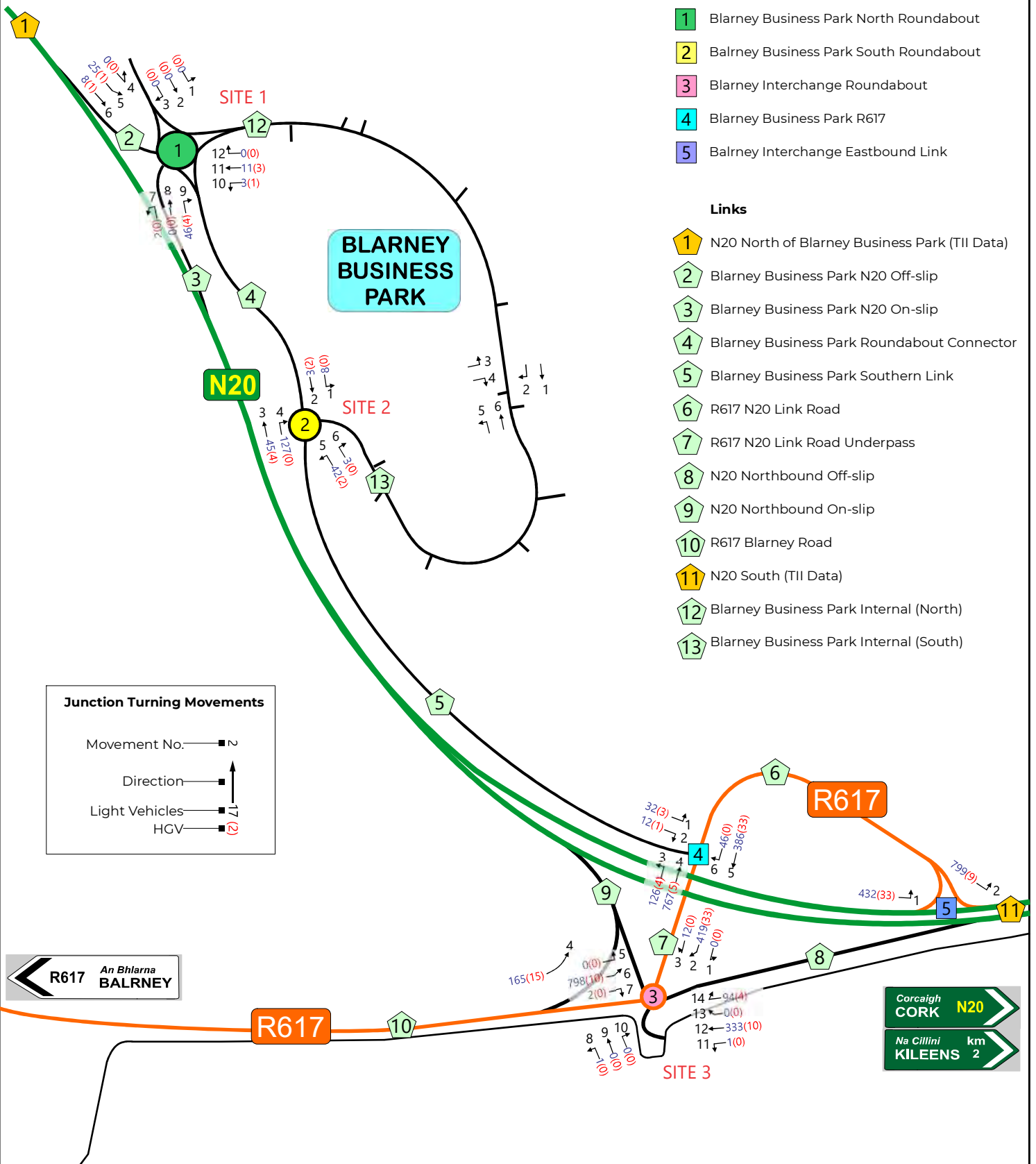
Junction Turning Movements

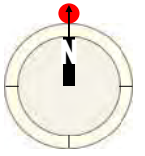
Movement No. — ■ ~

Direction — ■ ↑

Light Vehicles — ■ 7

HGV — ■ 2





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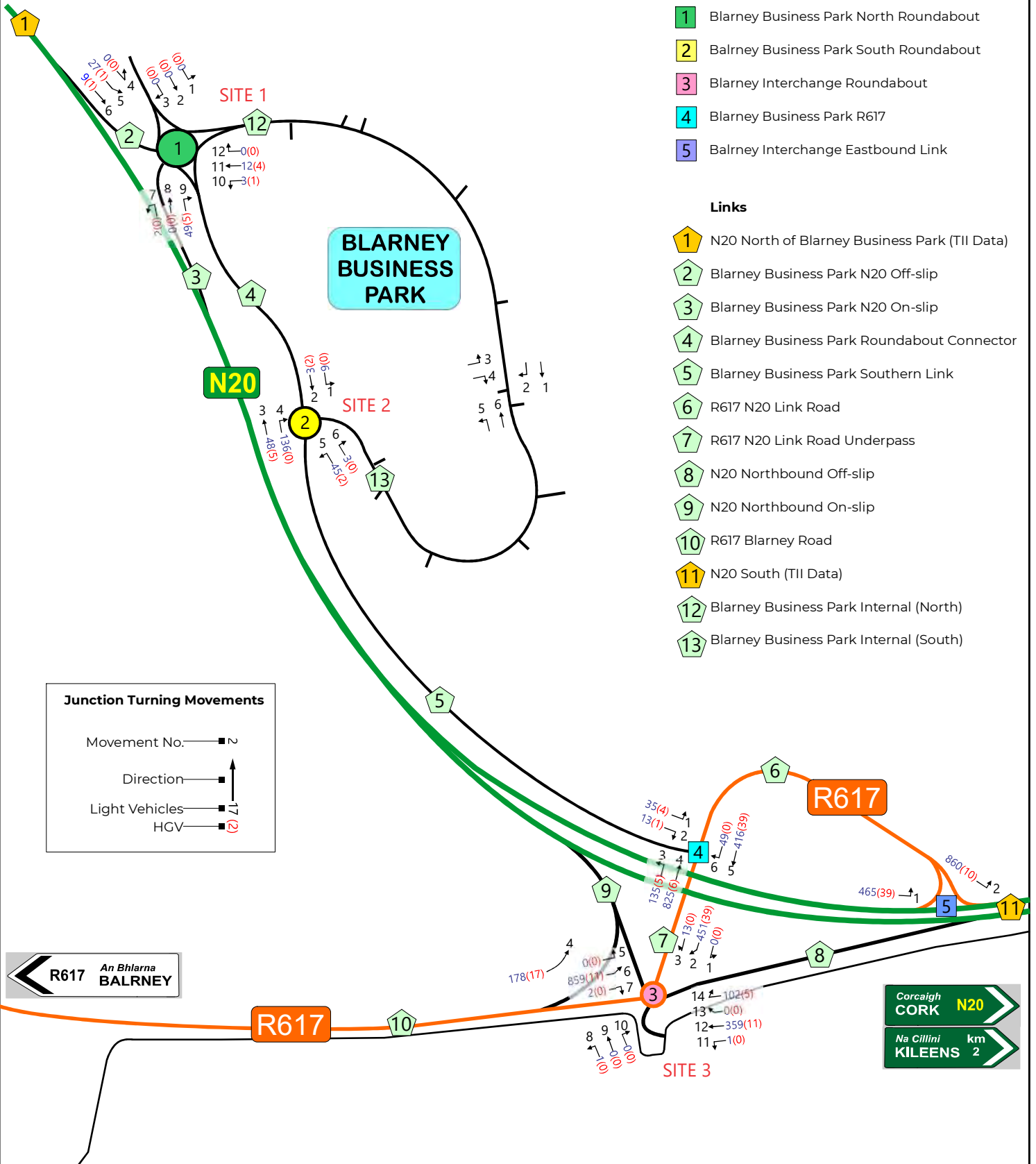
Junction Turning Movements

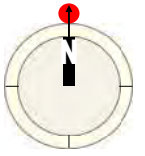
Movement No. — ■ ~

Direction — ■ ↑

Light Vehicles — ■ 7

HGV — ■ 2





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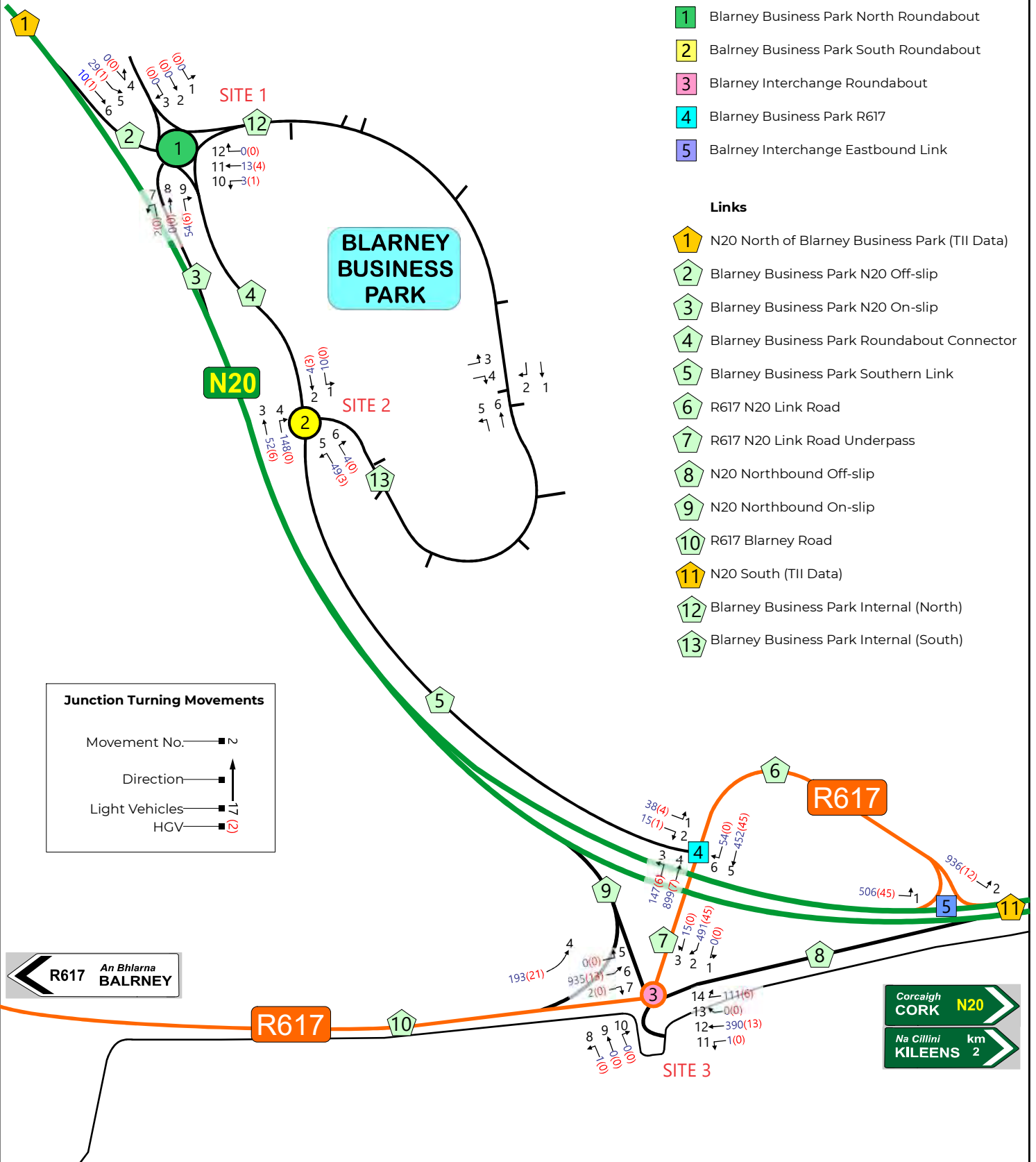
Junction Turning Movements

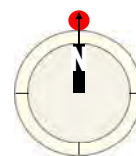
Movement No. — ■ ~

Direction — ■ ↑

Light Vehicles — ■ 7

HGV — ■ 2





Junctions

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- 2** Blarney Business Park South Roundabout
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- 10** R617 Blarney Road
- 11** N20 South (TII Data)
- 12** Blarney Business Park Internal (North)
- 13** Blarney Business Park Internal (South)

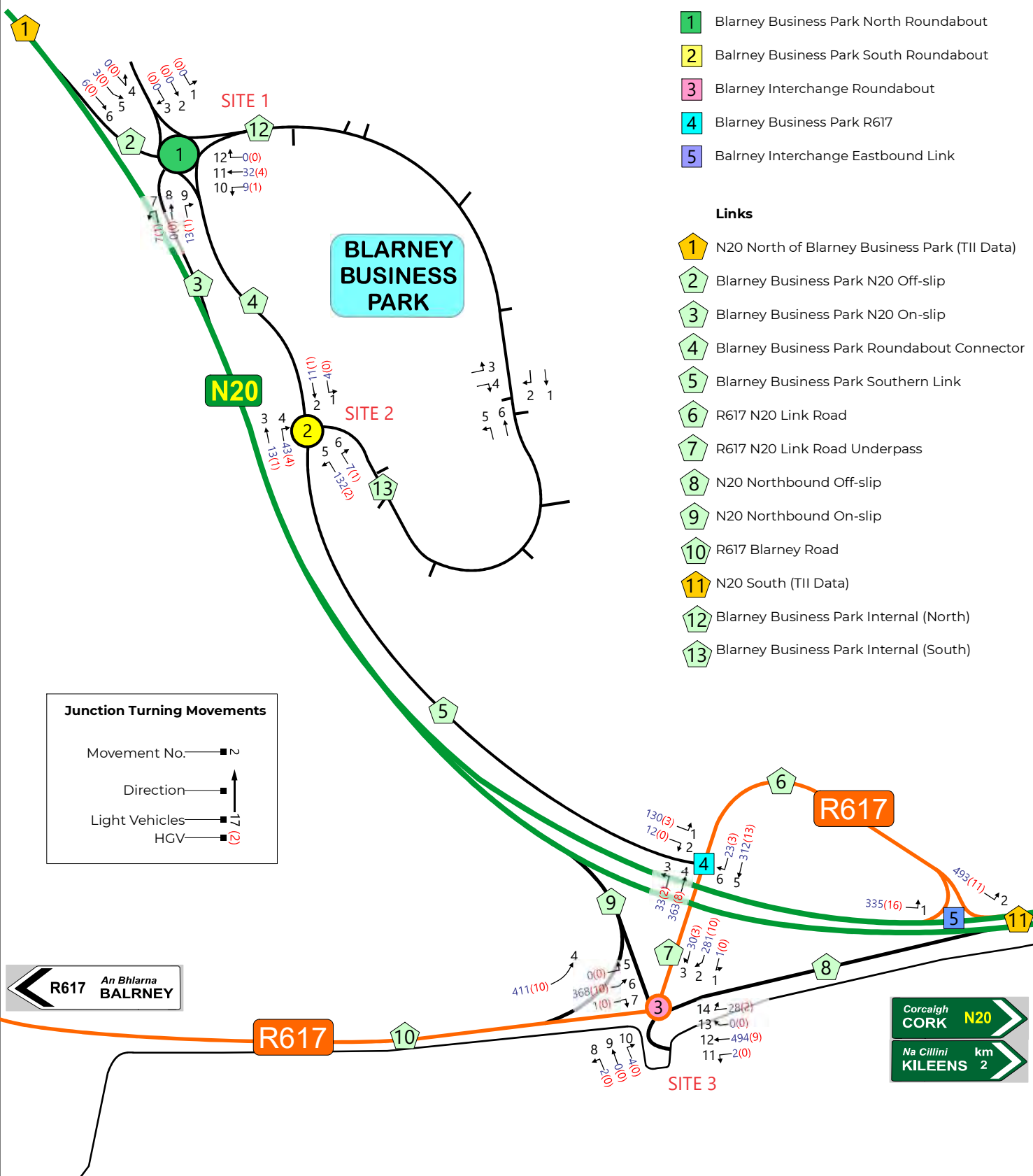
Junction Turning Movements

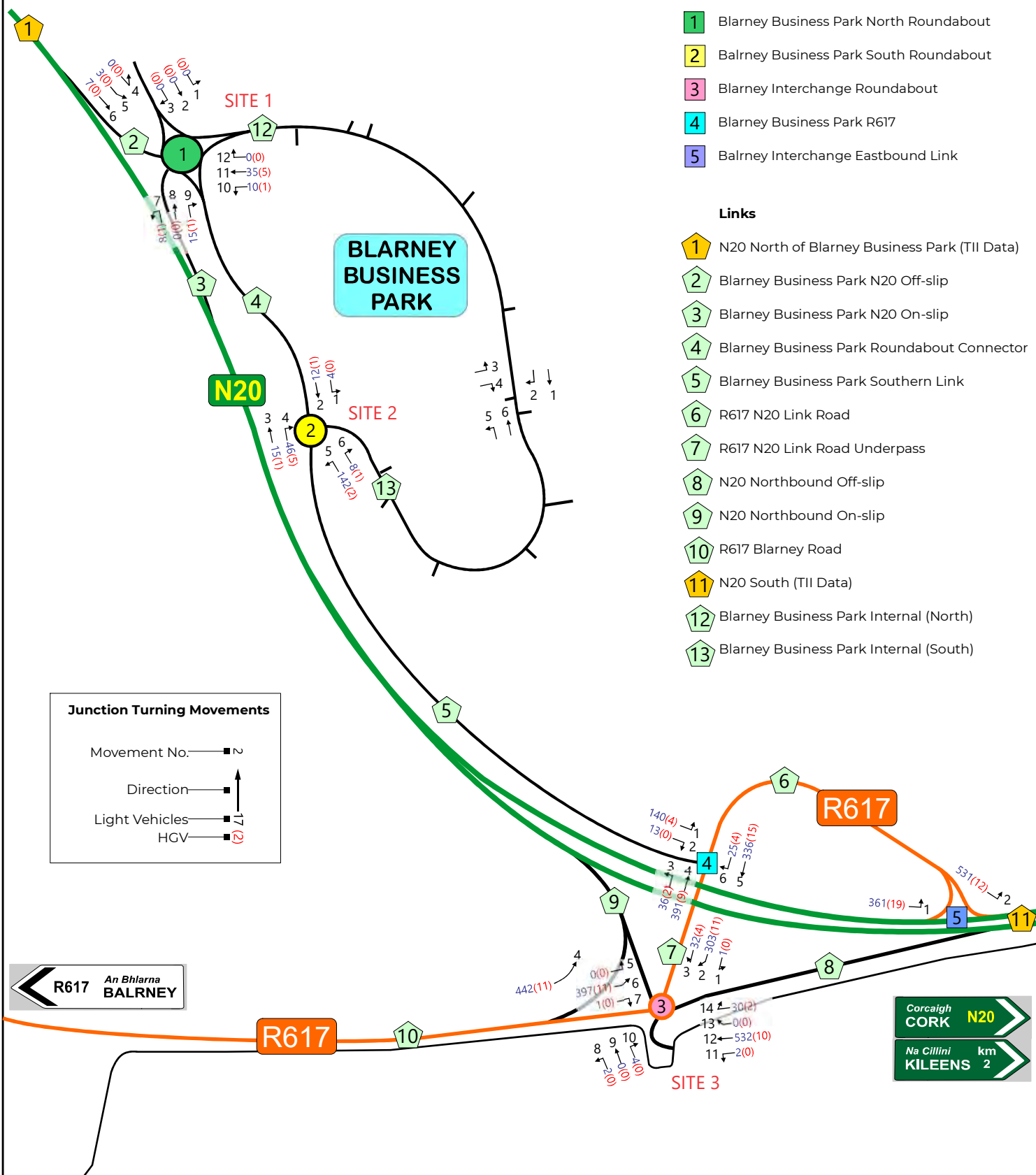
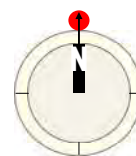
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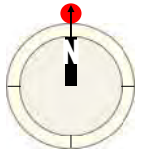
Direction — ■ ↑

Light Vehicles — ■ 7

HGV — ■ 2







Junctions

- 1** Blarney Business Park North Roundabout
- 2** Blarney Business Park South Roundabout
- 3** Blarney Interchange Roundabout
- 4** Blarney Business Park R617
- 5** Blarney Interchange Eastbound Link

Links

- 1** N20 North of Blarney Business Park (TII Data)
- 2** Blarney Business Park N20 Off-slip
- 3** Blarney Business Park N20 On-slip
- 4** Blarney Business Park Roundabout Connector
- 5** Blarney Business Park Southern Link
- 6** R617 N20 Link Road
- 7** R617 N20 Link Road Underpass
- 8** N20 Northbound Off-slip
- 9** N20 Northbound On-slip
- 10** R617 Blarney Road
- 11** N20 South (TII Data)
- 12** Blarney Business Park Internal (North)
- 13** Blarney Business Park Internal (South)

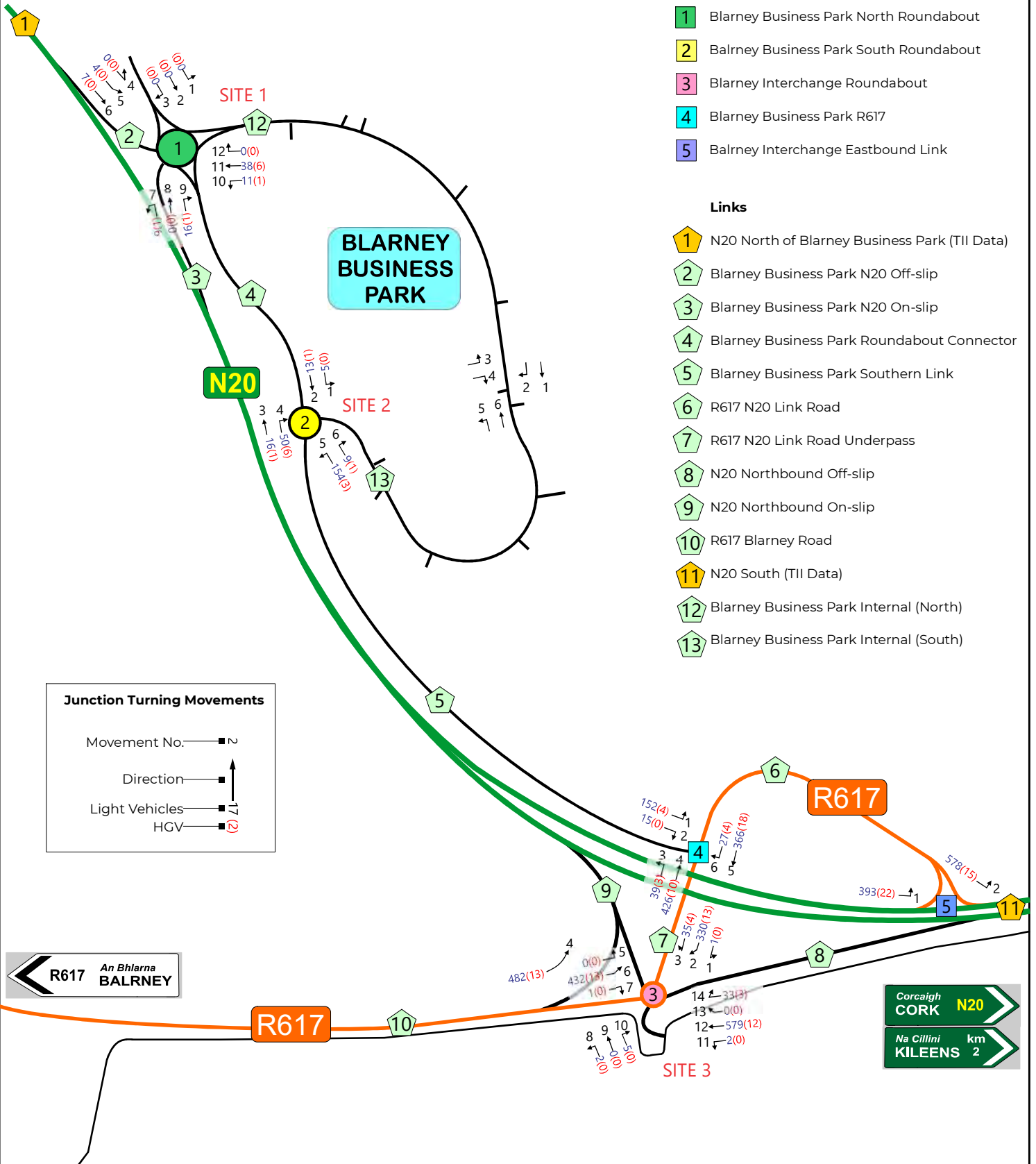
Junction Turning Movements

Movement No. — ■ ~

Direction — ■ ↑

Light Vehicles — ■ 7

HGV — ■ 2





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