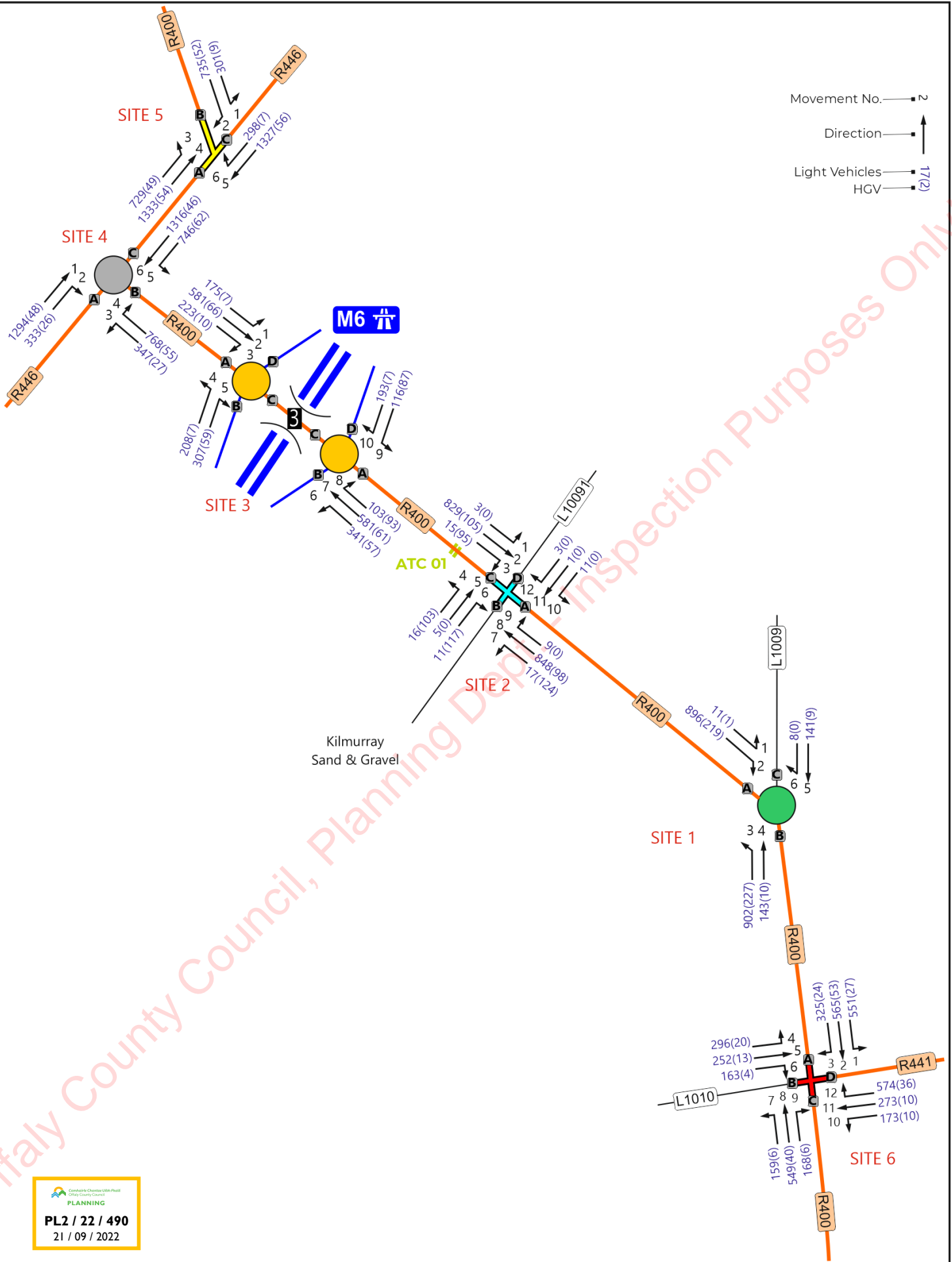

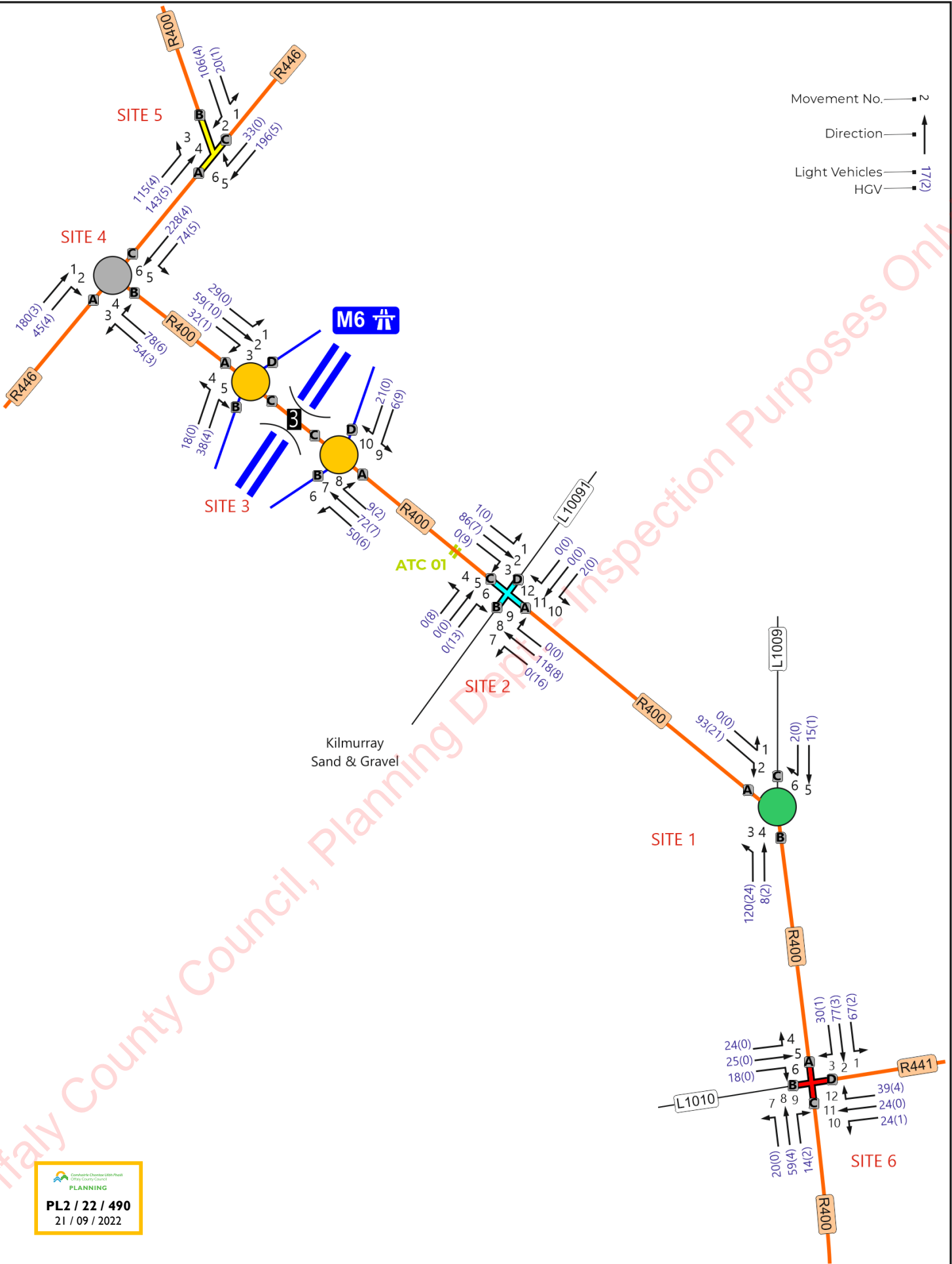



Movement No. ———> N
 Direction ———> ↑
 Light Vehicles ———> 17(2)
 HGV ———> (9)




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Movement No. ———> ~
 Direction ———> ↑
 Light Vehicles ———> 17(2)
 HGV ———> 17(2)



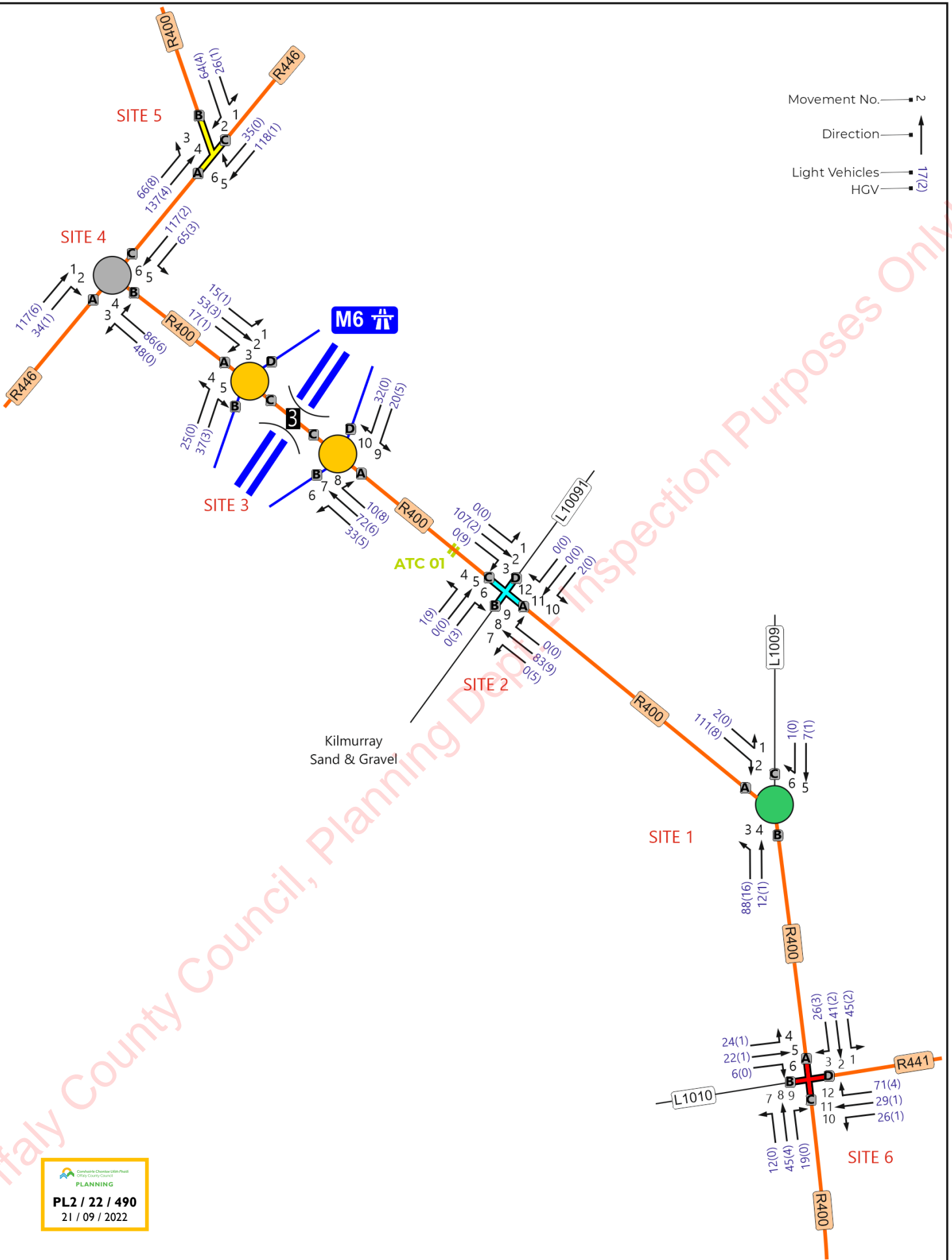

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PL2 / 22 / 490
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Movement No. ———→

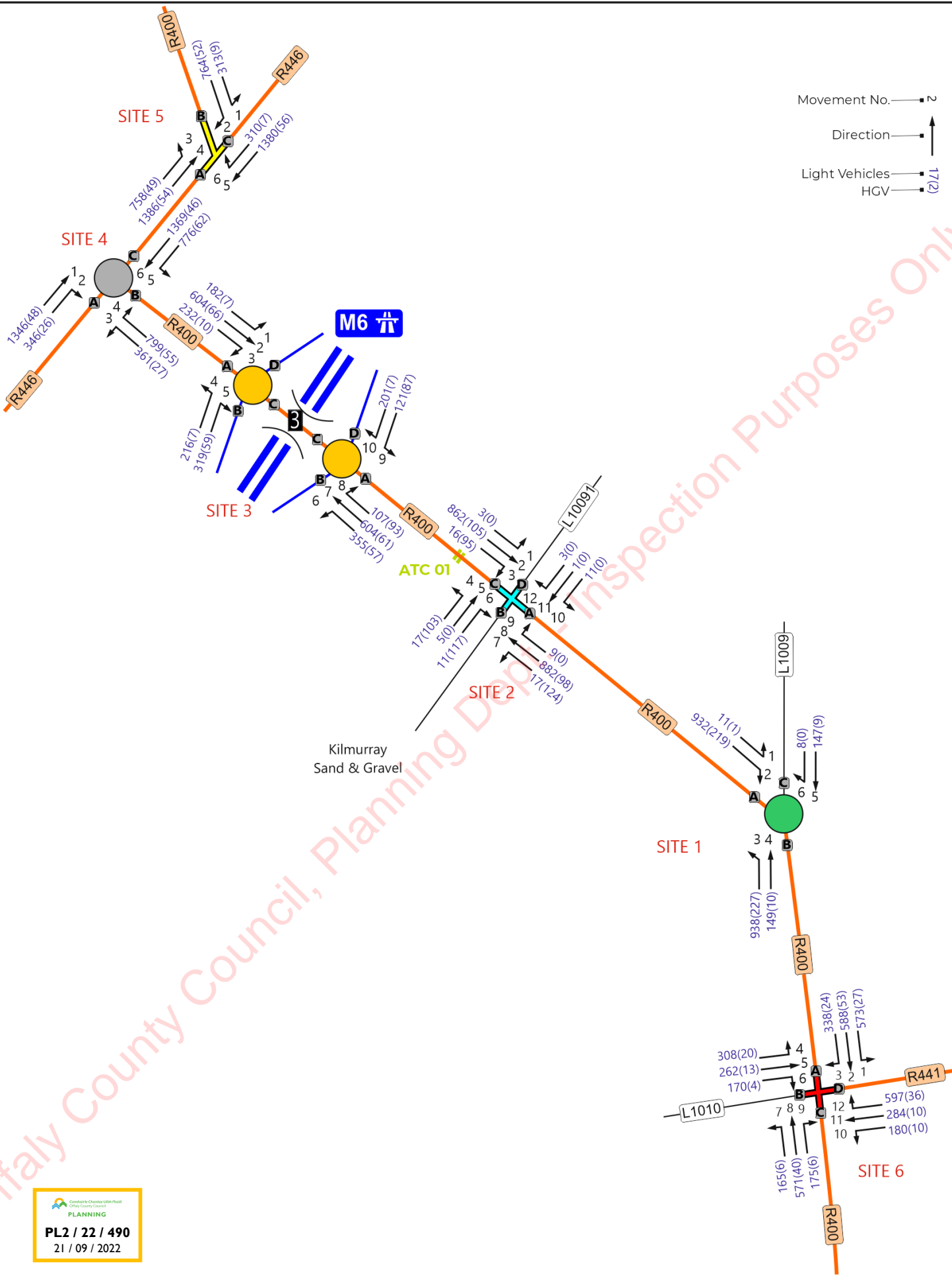
Direction ———↑

Light Vehicles ——— 17(2)


HGV ——— 17(2)



PL2 / 22 / 490
 21 / 09 / 2022



Movement No. ———> ~
 Direction ———> ↑
 Light Vehicles ———> L()
 HGV ———> H()


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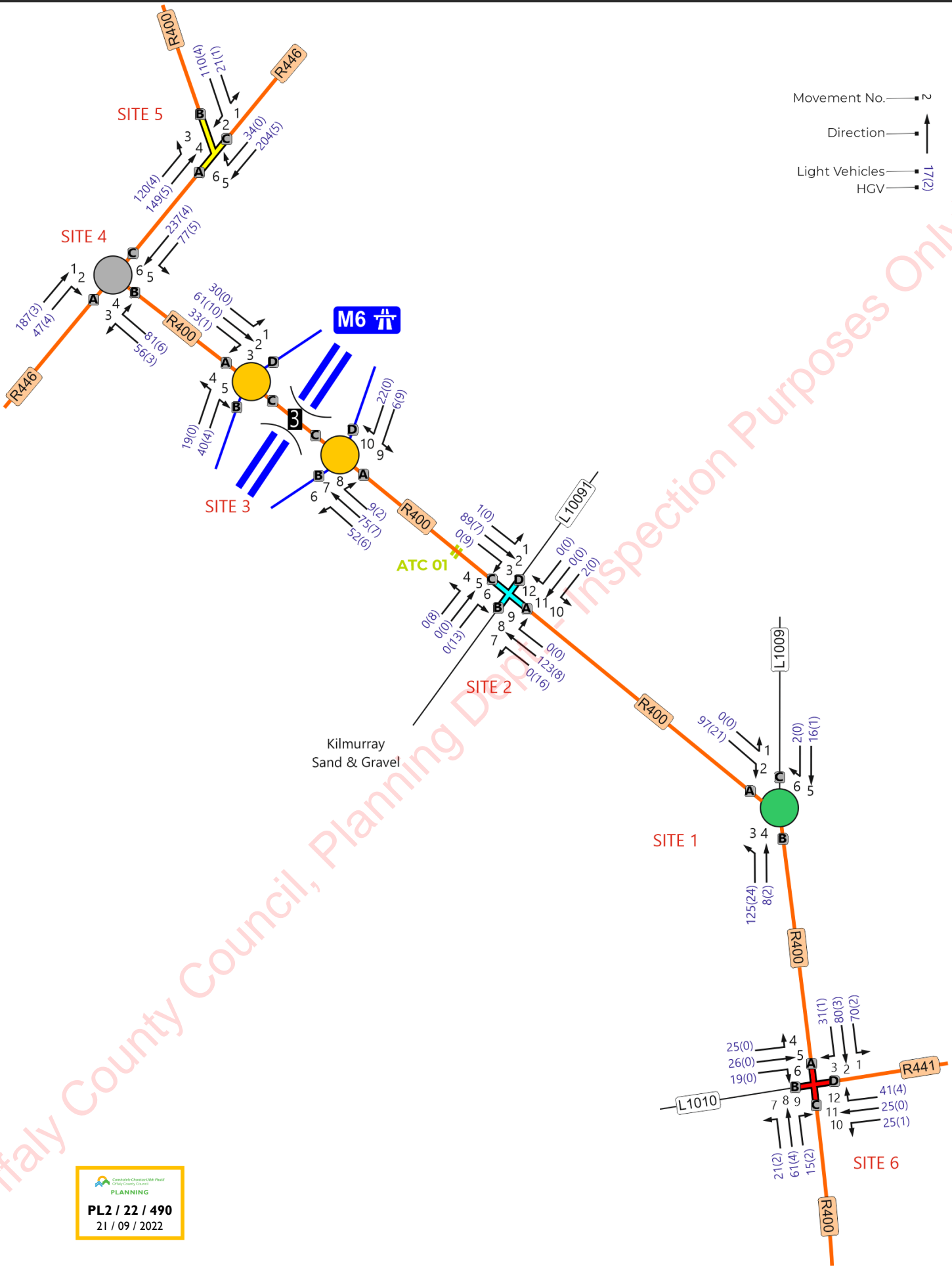
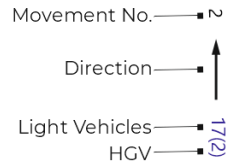
Suite 5, Gowna Plaza,
 Bracetown Business Park
 D15 R59T

Telephone: +353 (0) 8253015
 Website: www.trafficwise.ie
 E-mail: info@trafficwise.ie



Project Title	Derryarkin, Co. Offaly		
Drawing Title	Daily Traffic Flows (Covid Factored)		
	Survey Year 2021		
	07:00-19:00hrs		

Prepared:	TWL	Checked:	JMK	Approved:	JMK
Date:	Jan 2022	Date:	Jan 2022	Date:	Jan 2022
Scale:	NTS	Project No:	03154	Figure 4	
Appendix 13.2					



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 Website: www.trafficwise.ie
 E-mail: info@trafficwise.ie

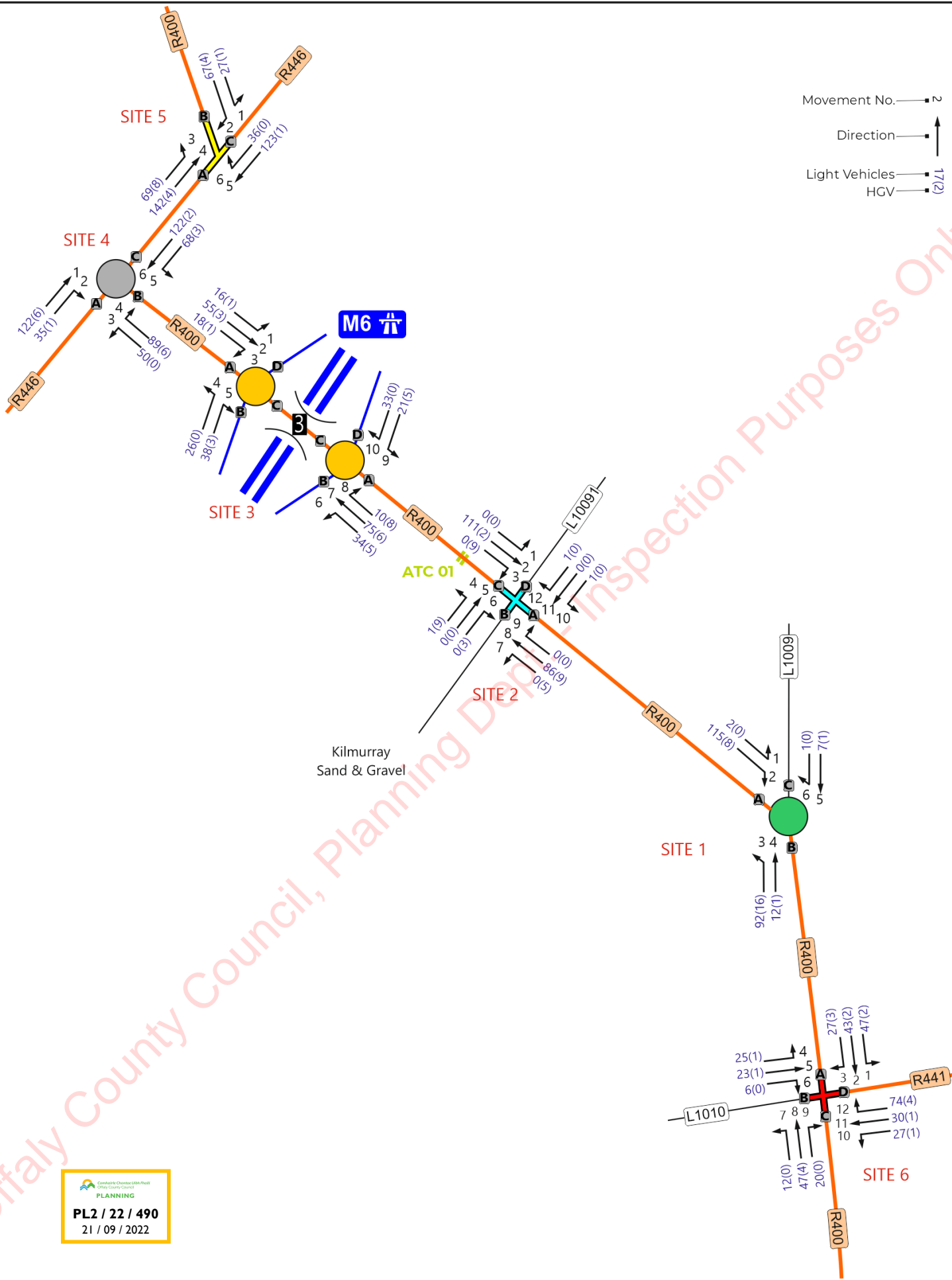
Project Title **Derryarkin, Co. Offaly**


 Drawing Title **Morning Peak Hour (Covid Factored)**

Survey Year 2021 (Assessment Scenario S1)

08:00-09:00hrs

Prepared: TWL	Checked: JMK	Approved: JMK
Date: Jan 2022	Date: Jan 2022	Date: Jan 2022
Scale: NTS	Project No: 03154	Figure 5
Appendix 13.2		





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 Website: www.trafficwise.ie

 E-mail: info@trafficwise.ie



Project Title Derryarkin, Co. Offaly

Drawing Title Evening Peak Hour (Covid Factored)

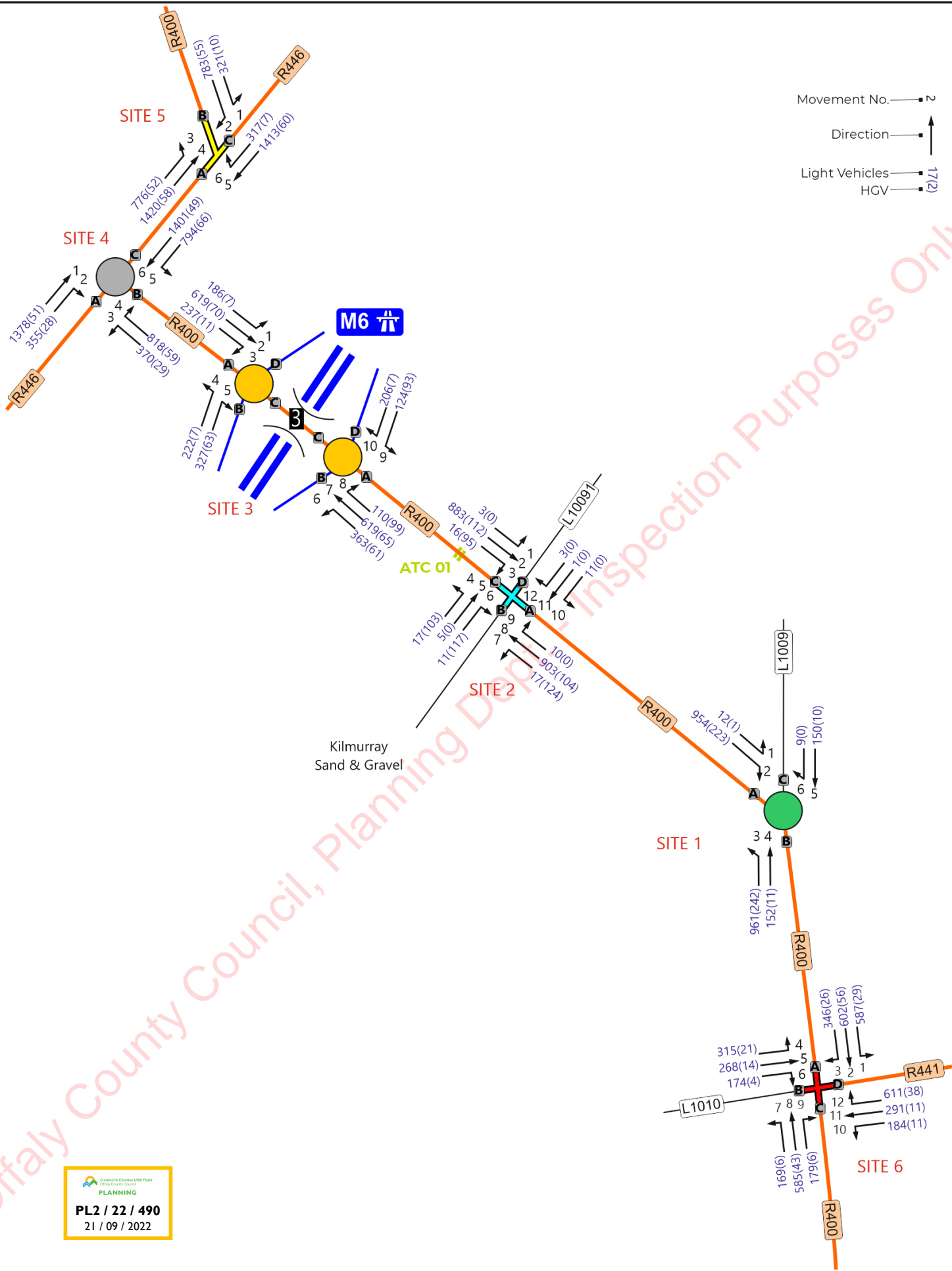
 Survey Year 2021 (Assessment Scenario S1)

 16:00-17:00hrs

Prepared: TWL	Checked: JMK	Approved: JMK
Date: Jan 2022	Date: Jan 2022	Date: Jan 2022
Scale: NTS	Project No: 03154	Figure 6

Appendix 13.2

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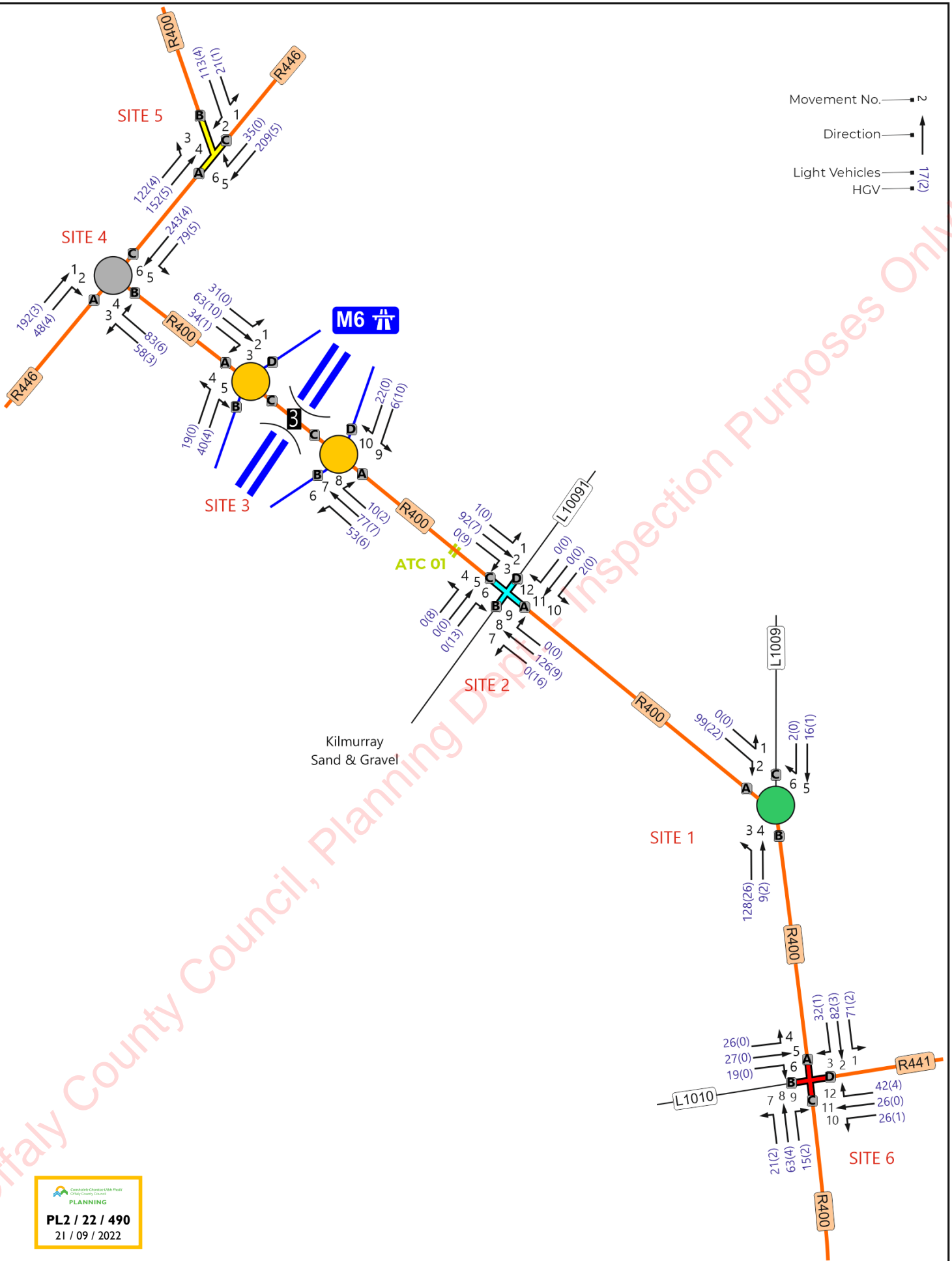
Suite 5, Gowna Plaza,
 Bracetown Business Park
 D15 R59T

Telephone: +353 (0) 8253015
 Website: www.trafficwise.ie
 E-mail: info@trafficwise.ie


Project Title	Derryarkin, Co. Offaly		
Drawing Title	Daily Traffic Flows (Covid Factored) Forecast Year of Opening 2024 07:00-19:00hrs		

Prepared:	TWL	Checked:	JMK	Approved:	JMK
Date:	Jan 2022	Date:	Jan 2022	Date:	Jan 2022
Scale:	NTS	Project No:	03154	Figure 7	
Appendix 13.2					

Movement No. ———→
 Direction ———↑
 Light Vehicles ———| 17(2)
 HGV ———| 2(0)



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 D15 R59T
 Telephone: +353 (0)1 825 2015
 Website: www.trafficwise.ie
 E-mail: info@trafficwise.ie

Project Title **Derryarkin, Co. Offaly**
 Drawing Title **Morning Peak Hour (Covid Factored)**
Forecast Year of Opening 2024
08:00-09:00hrs

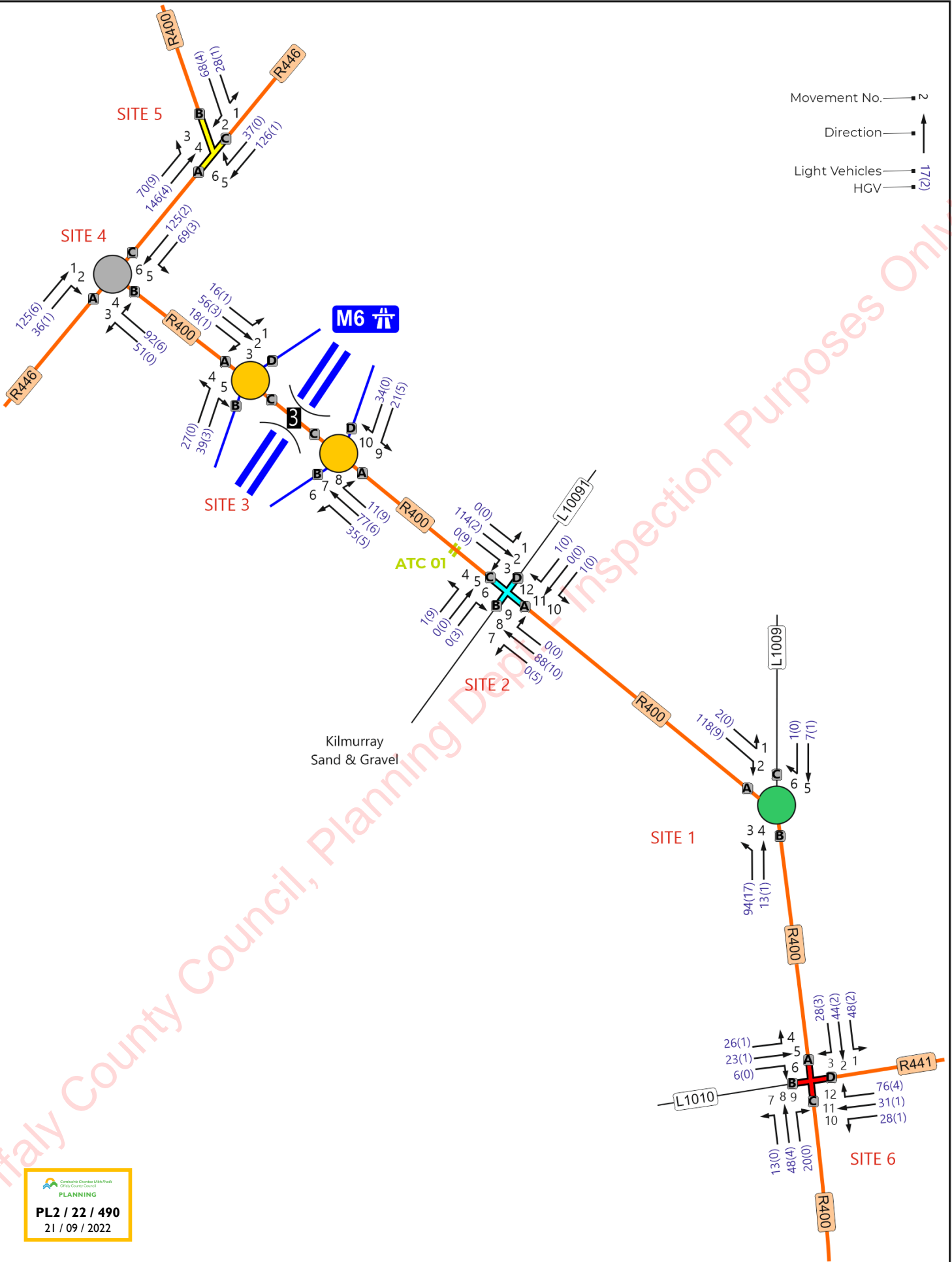
Prepared: TWL	Checked: JMK	Approved: JMK
Date: Jan 2022	Date: Jan 2022	Date: Jan 2022
Scale: NTS	Project No: 03154	Figure 8
Appendix 13.2		


Movement No. ———→

Direction ———↑

Light Vehicles ———17(2)

HGV ———(2)



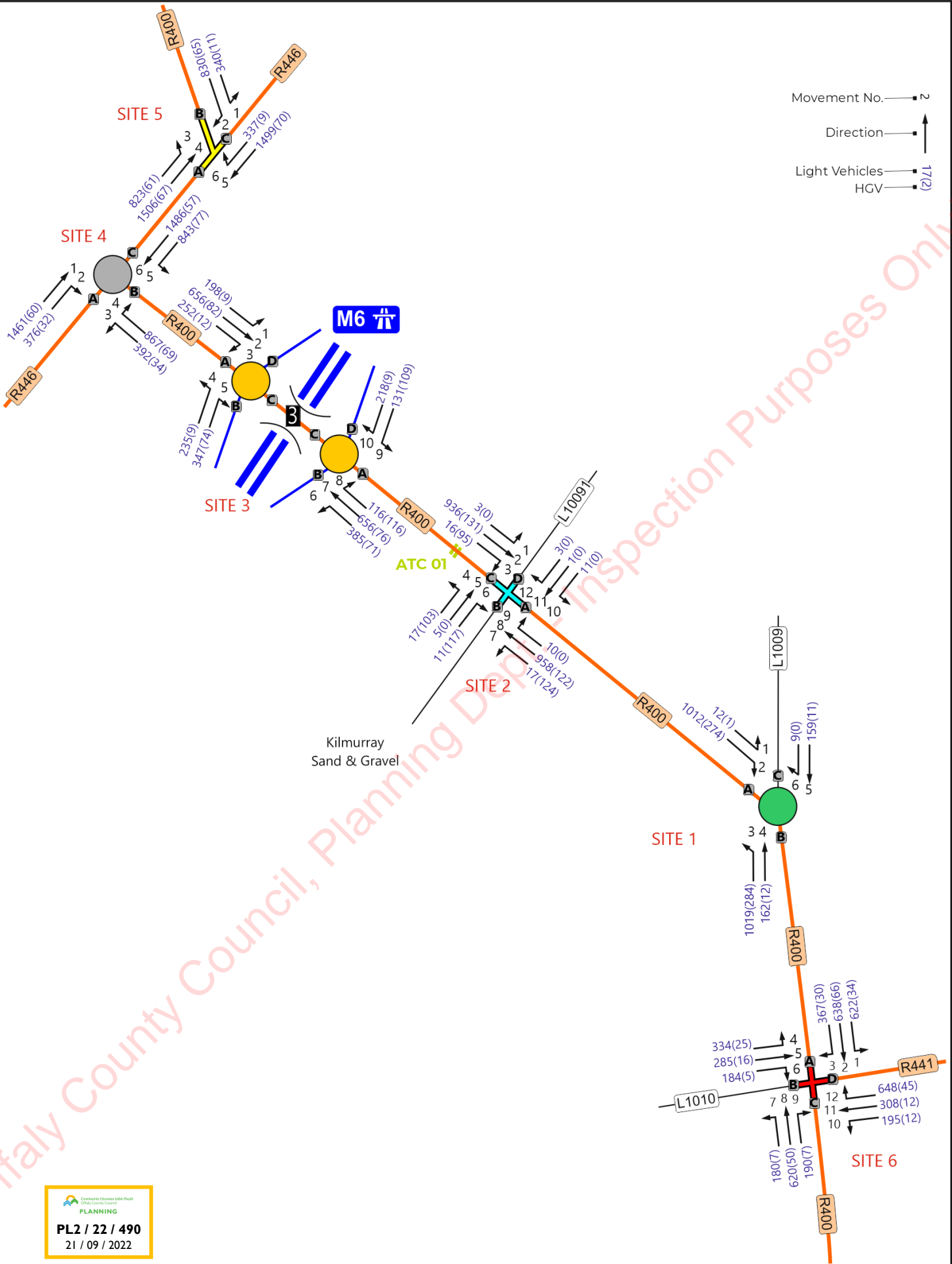


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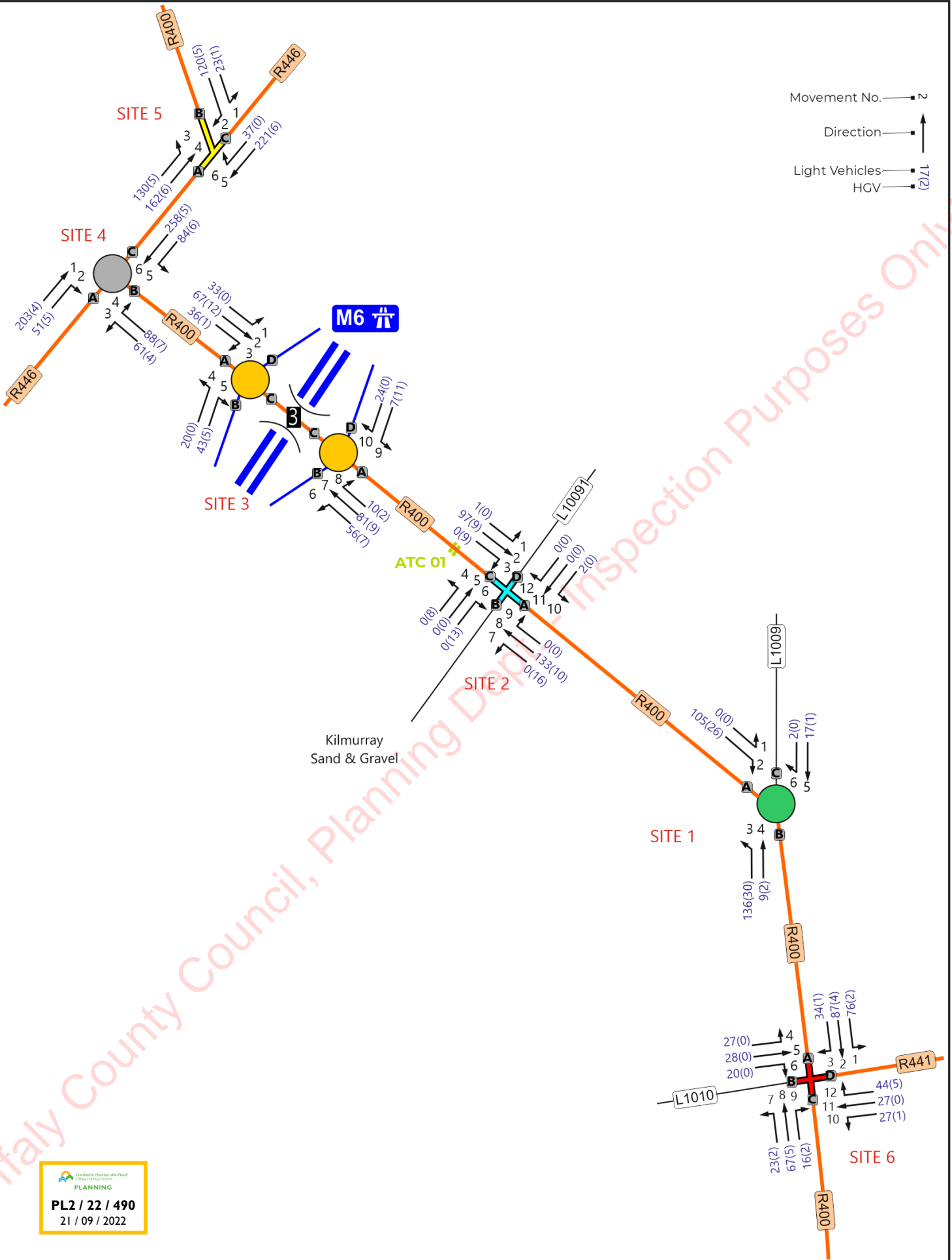
 21 / 09 / 2022


Movement No. —> N
 Direction —> ↑
 Light Vehicles —> 17(2)
 HGV —> 17(2)



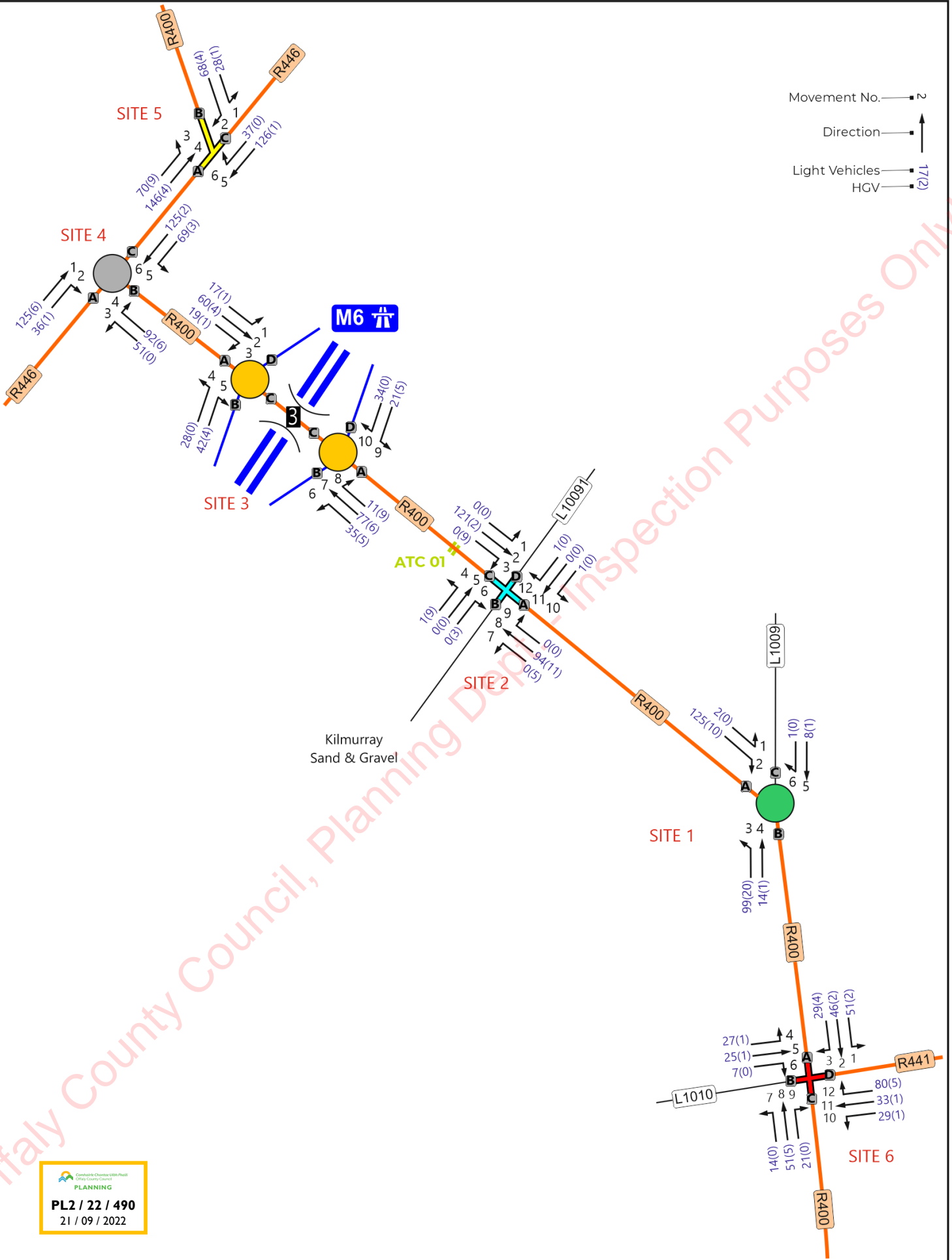
Offaly County Council
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PL2 / 22 / 490
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Movement No. ———> N
 Direction ———> ↑
 Light Vehicles ———> 17(2)
 HGV ———> 17(2)




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Movement No. ———→
 Direction ———↑
 Light Vehicles ———(17/2)
 HGV ———(17/2)



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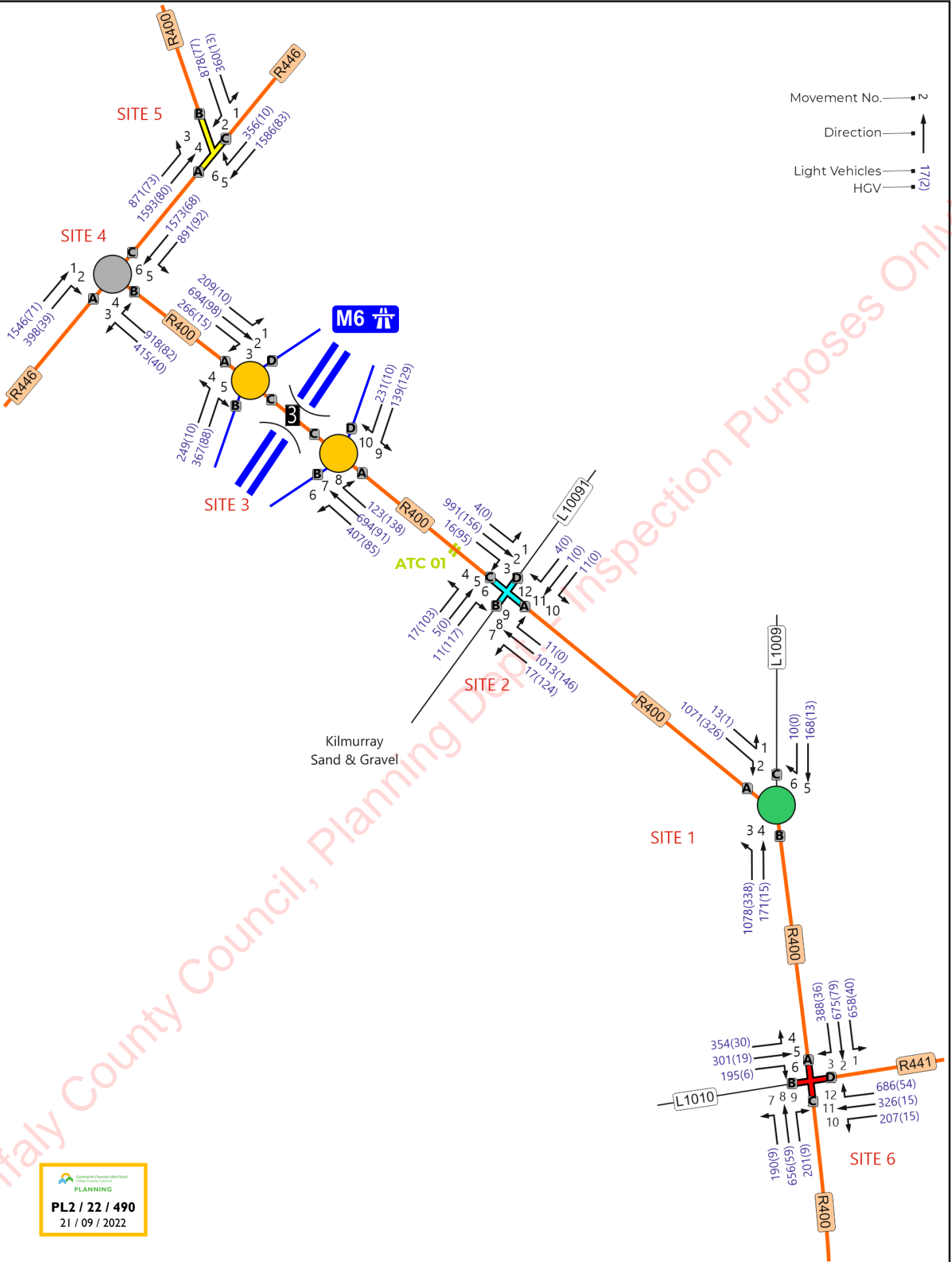
Suite 5, Gowna Plaza,
 Bracetown Business Park
 D15 R59T

Telephone: +353 (0) 8253015
 Website: www.trafficwise.ie
 E-mail: info@trafficwise.ie

Project Title	Derryarkin, Co. Offaly		
Drawing Title	Evening Peak Hour (Covid Factored) Forecast Year of Opening +5yrs 2029 16:00-17:00hrs		

Prepared:	TWL	Checked:	JMK	Approved:	JMK
Date:	Jan 2022	Date:	Jan 2022	Date:	Jan 2022
Scale:	NTS	Project No:	03154	Figure 12	
Appendix 13.2					

Movement No. ———> ~
 Direction ———> ↑
 Light Vehicles ———> 17(2)
 HGV ———> 17(2)



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Telephone: +353 (0) 825 3015
 Website: www.trafficwise.ie
 E-mail: info@trafficwise.ie

Project Title **Derryarkin, Co. Offaly**

Drawing Title **Daily Traffic Flows (Covid Factored)**
Forecast Year of Opening +15yrs 2039
07:00-19:00hrs

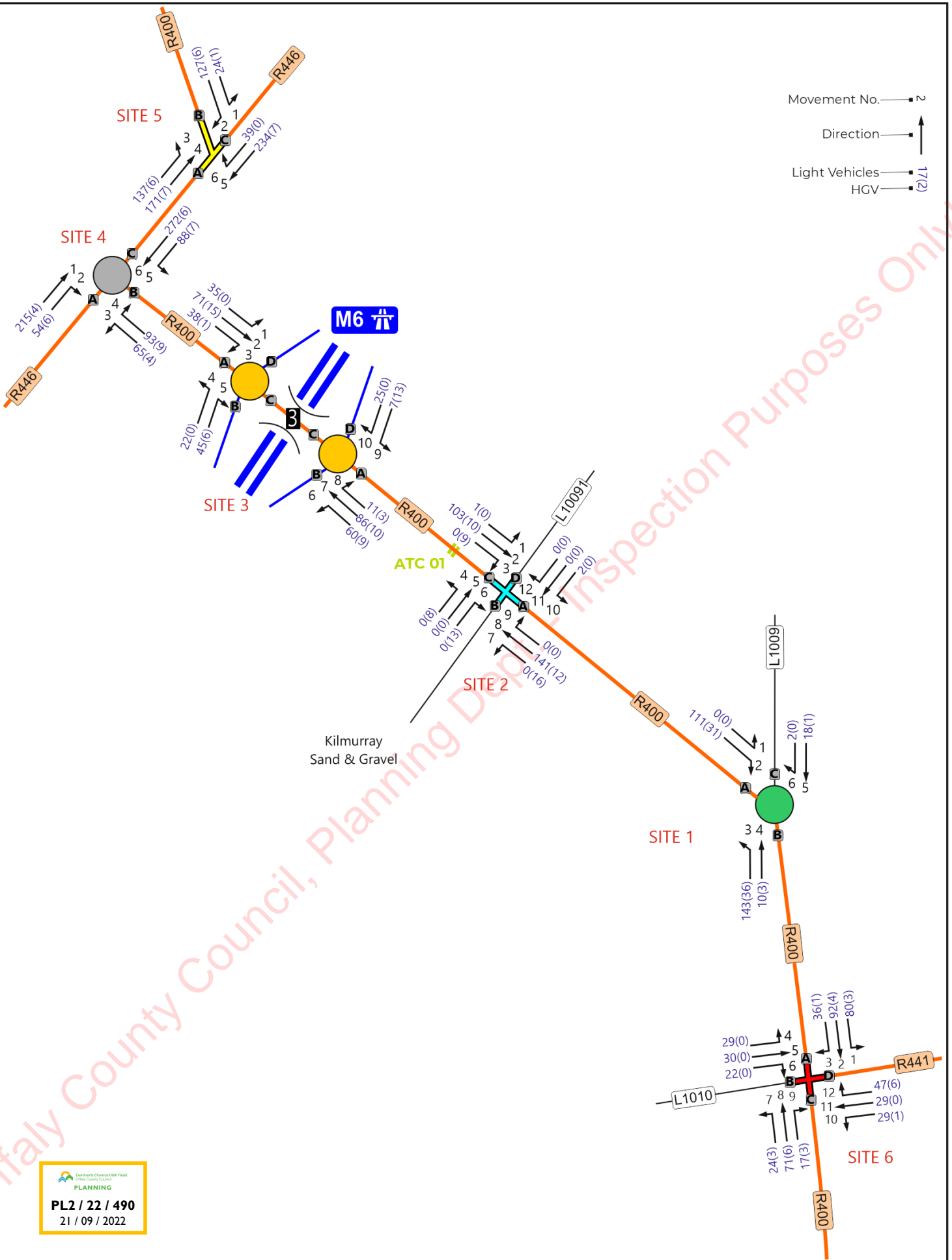
Prepared: TWL	Checked: JMK	Approved: JMK
Date: Jan 2022	Date: Jan 2022	Date: Jan 2022
Scale: NTS	Project No: 03154	Figure 13
Appendix 13.2		


Movement No. ———→

Direction ———↑

Light Vehicles ——— 17/2

HGV ——— 17/2





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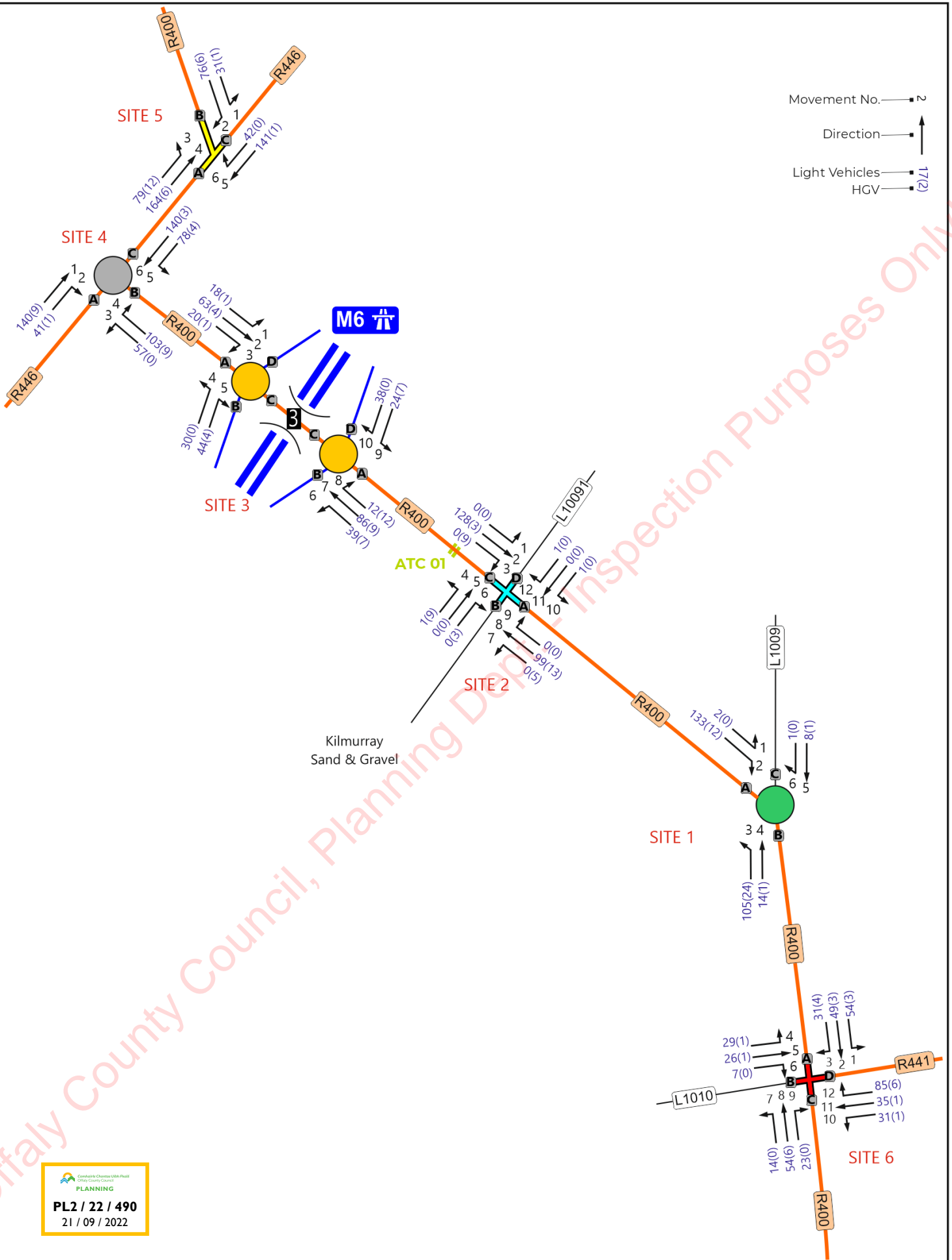
Telephone: +353 (0) 8253015
Website: www.trafficwise.ie
E-mail: info@trafficwise.ie

Project Title **Derryarkin, Co. Offaly**

Drawing Title **Morning Peak Hour (Covid Factored)**
Forecast Year of Opening +15yrs 2039
08:00-09:00hrs

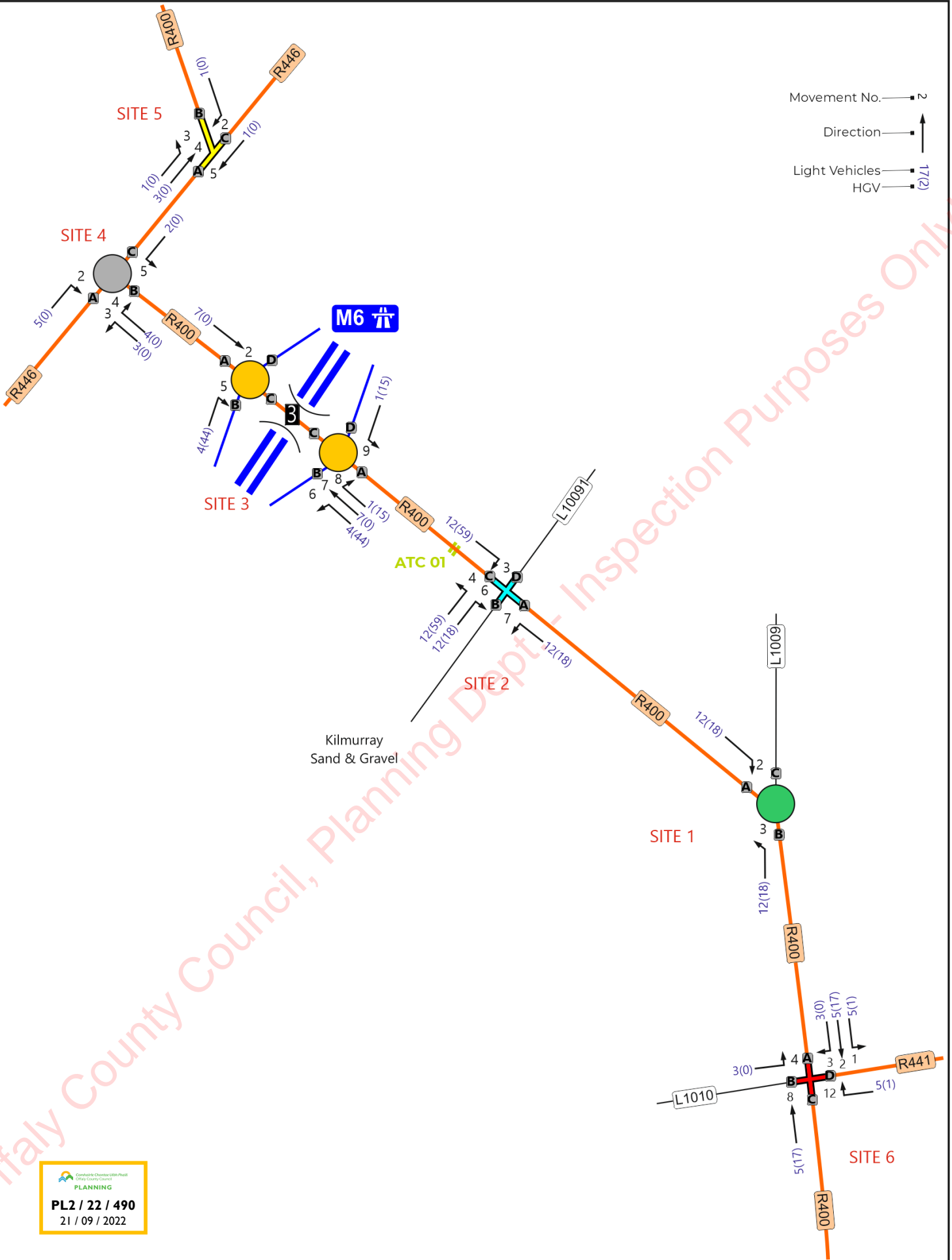
Prepared: TWL	Checked: JMK	Approved: JMK
Date: Jan 2022	Date: Jan 2022	Date: Jan 2022
Scale: NTS	Project No: 03154	Figure 14
Appendix 13.2		


Movement No. ———→
 Direction ———↑
 Light Vehicles ———| 1/2
 HGV ———| 7/2



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Movement No. ———> N
 Direction ———> ↑
 Light Vehicles ———> 17(2)
 HGV ———> (2)




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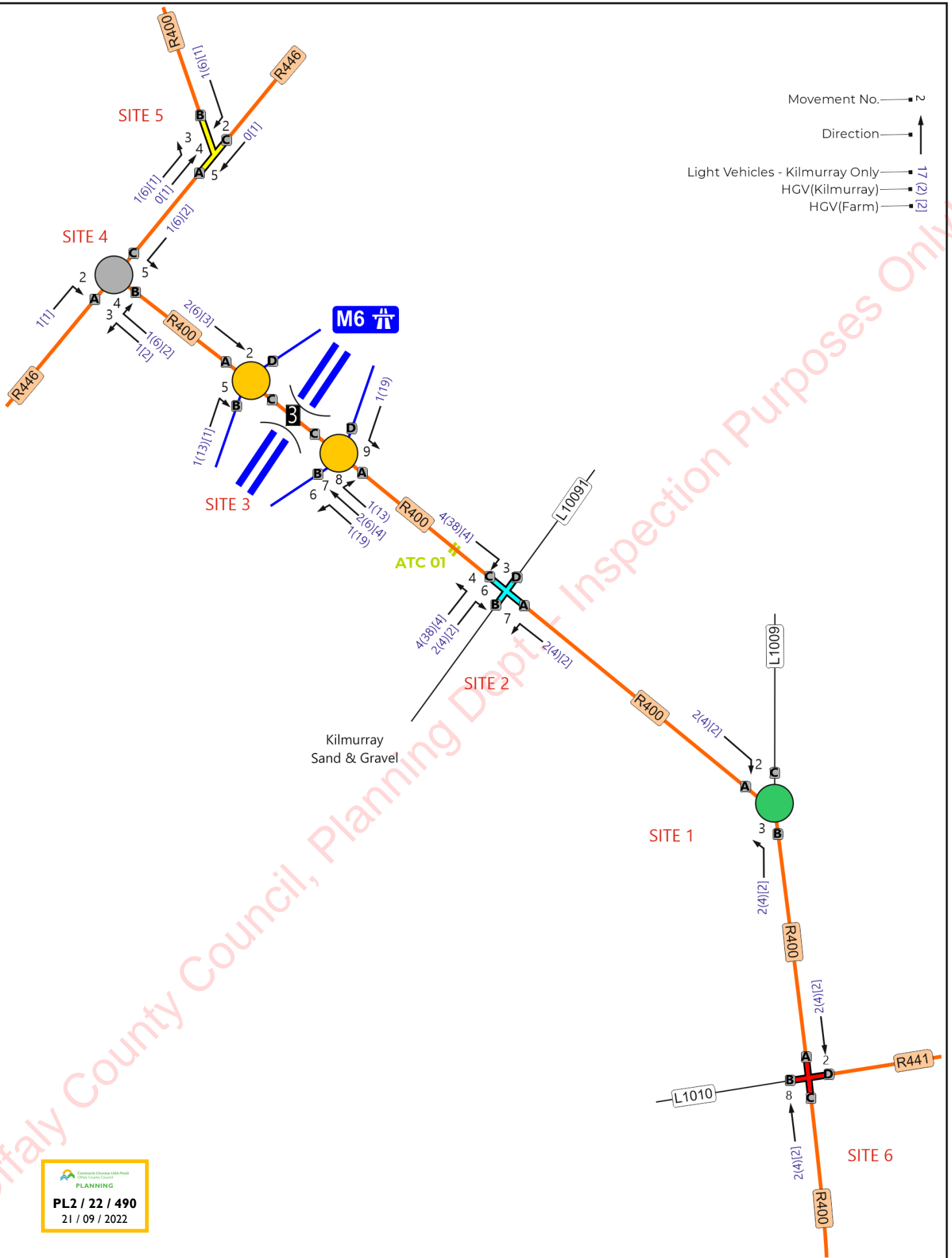
Suite 5, Gowna Plaza,
 Bracetown Business Park
 D15 R59T

Telephone: +353 (0) 825 3015
 Website: www.trafficwise.ie
 E-mail: info@trafficwise.ie



Project Title	Derryarkin, Co. Offaly		
Drawing Title	Development Assessment Traffic Forecast Daily Traffic Generation Proposed Facility		

Prepared: TWL	Checked: JMK	Approved: JMK
Date: Jan 2022	Date: Jan 2022	Date: Jan 2022
Scale: NTS	Project No: 03154	Figure 16
Appendix 13.2		





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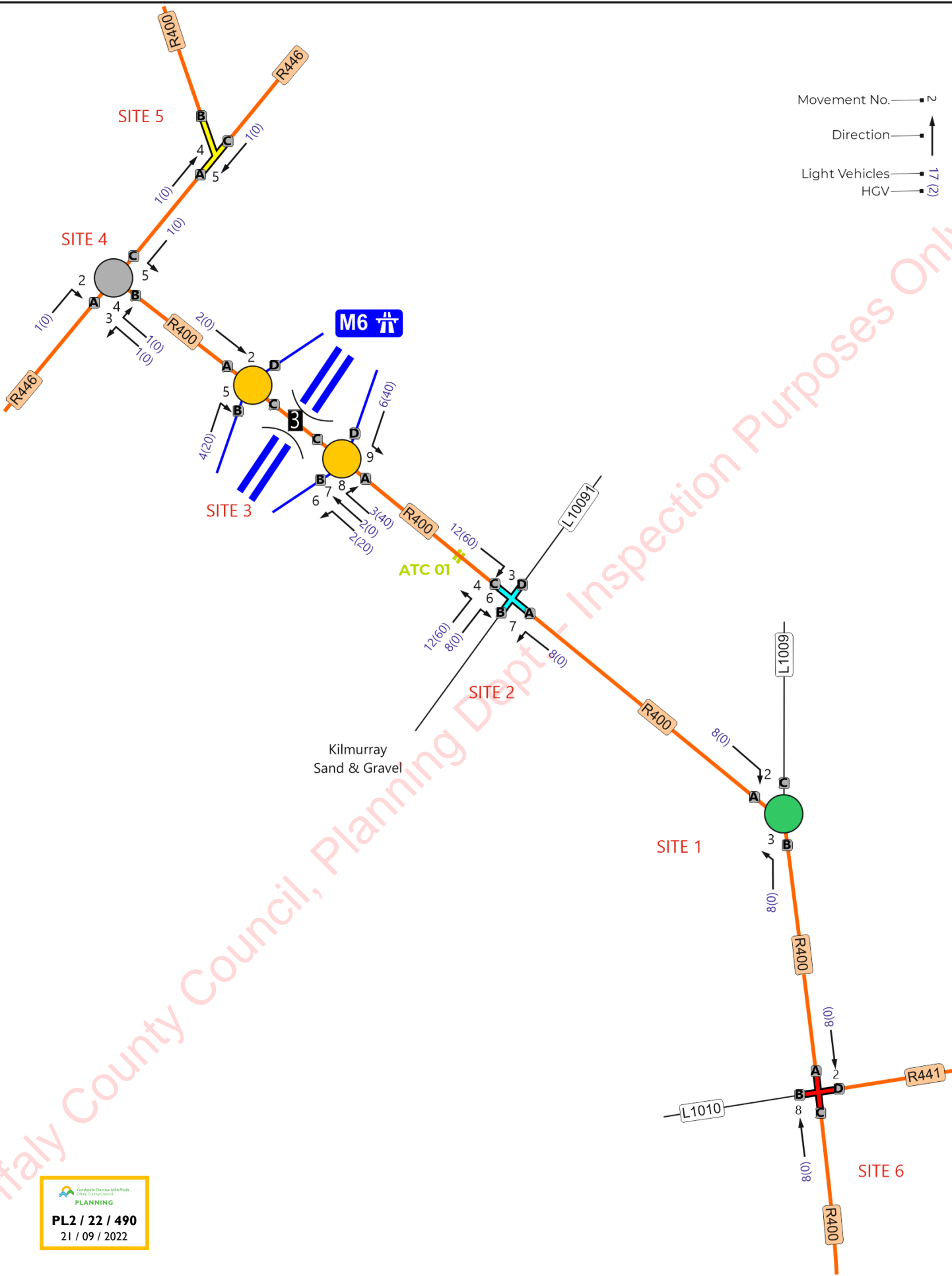
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 E-mail: info@trafficwise.ie

Project Title	Derryarkin, Co. Offaly		
Drawing Title	Development Assessment Traffic Forecast Daily Traffic Generation Skeagh Farm & Kilmurray Sand & Gravel		

Prepared:	TWL	Checked:	JMK	Approved:	JMK
Date:	Jan 2022	Date:	Jan 2022	Date:	Jan 2022
Scale:	NTS	Project No:	03154	Figure 17	
Appendix 13.2					





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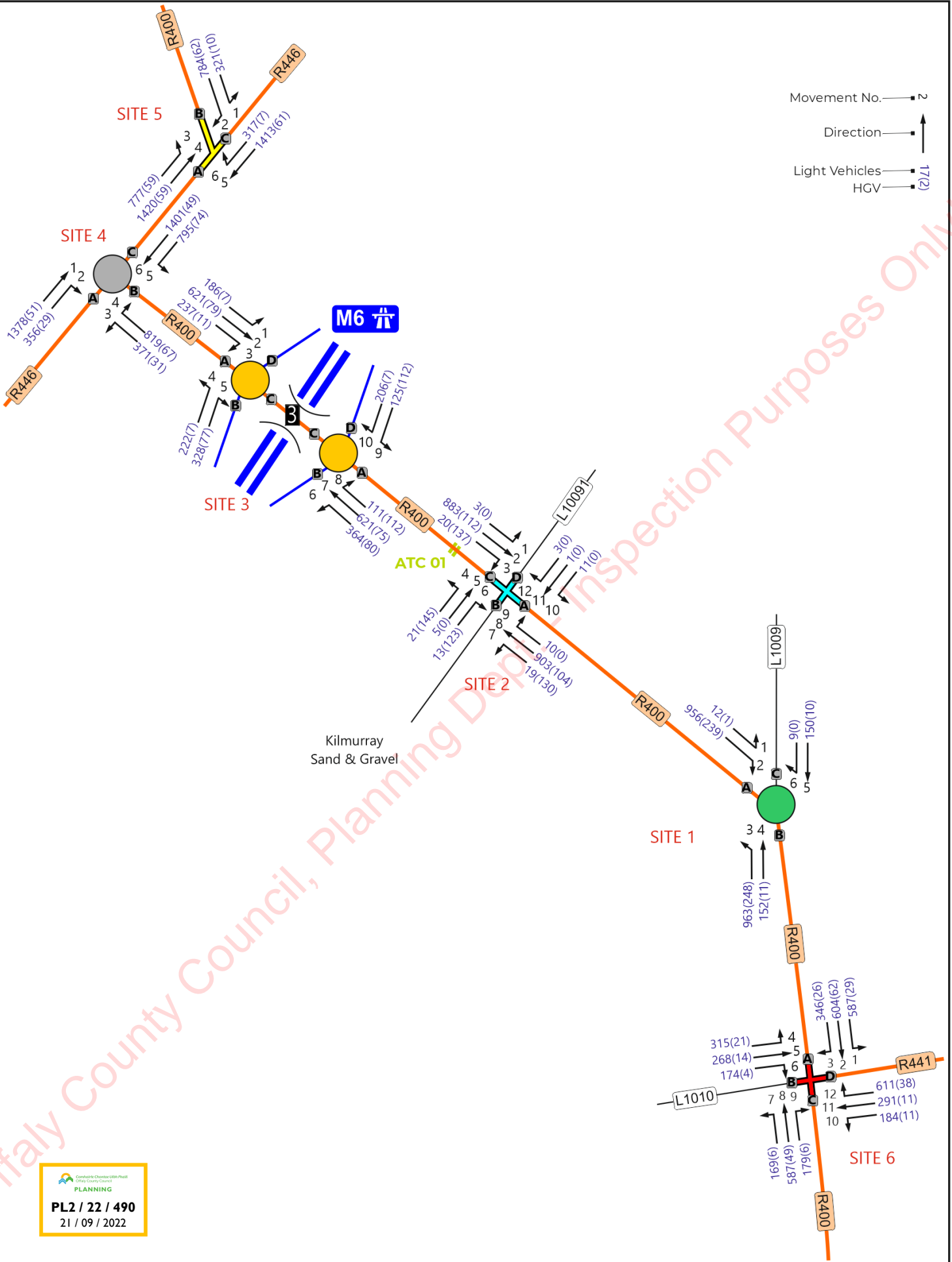
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Movement No. ———→

Direction ———↑

Light Vehicles ———(17/2)

 HGVS ———(2/2)





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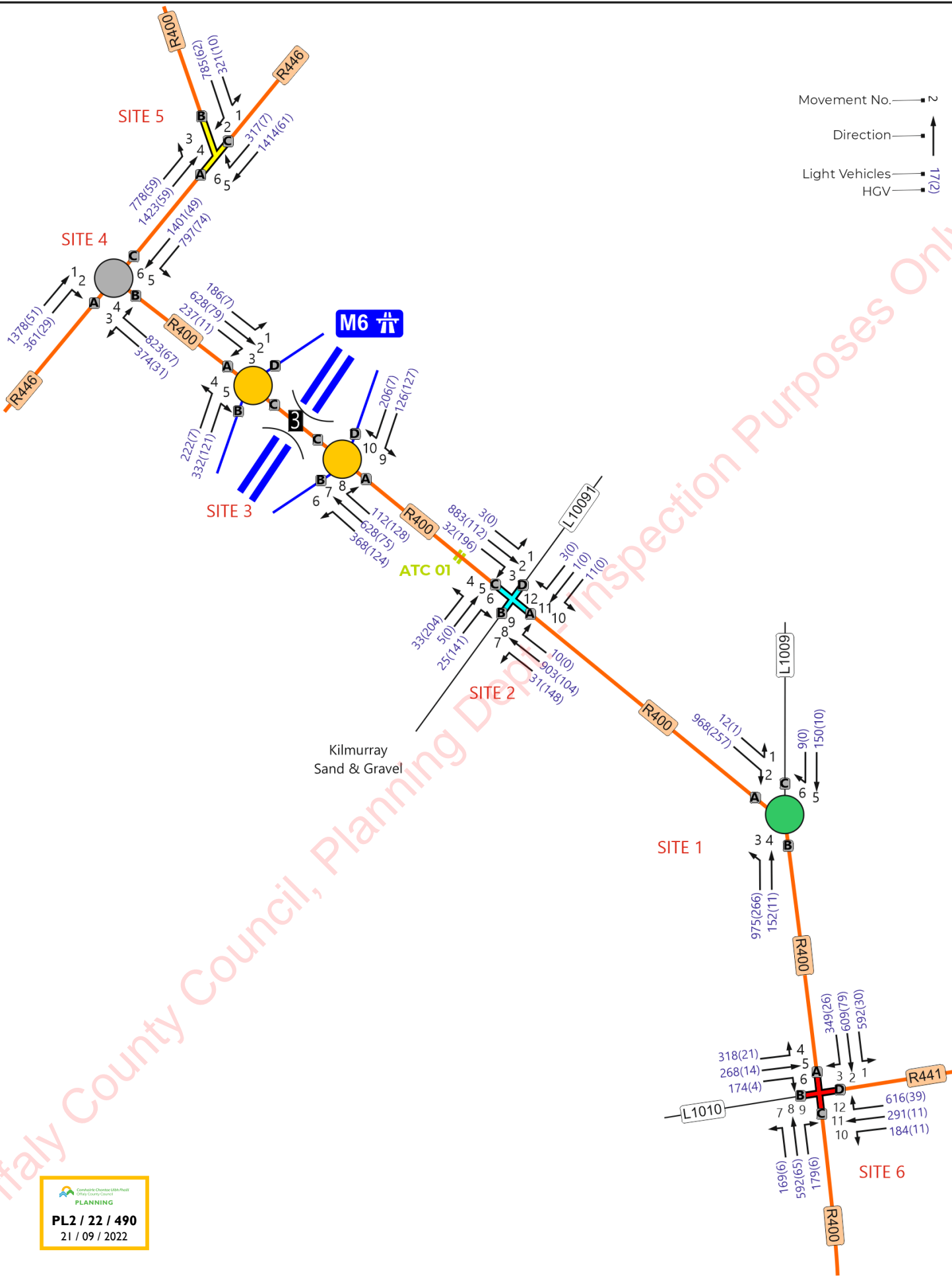
Suite 5, Gowna Plaza,
Bracetown Business Park
D15 R59T


Telephone: +353 (0) 8253015
Website: www.trafficwise.ie
E-mail: info@trafficwise.ie

Project Title **Derryarkin, Co. Offaly**

Drawing Title **Forecast Baseline Daily Traffic Flows**
Forecast Year of Opening 2024
Do Nothing Scenario 07:00-19:00hrs

Prepared: TWL	Checked: JMK	Approved: JMK
Date: Jan 2022	Date: Jan 2022	Date: Jan 2022
Scale: NTS	Project No: 03154	Figure 19
Appendix 13.2		





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 E-mail: info@trafficwise.ie

Project Title	Derryarkin, Co. Offaly		
Drawing Title	Forecast Daily Traffic Flows Forecast Year of Opening 2024 Do Something Scenario 07:00-19:00hrs		

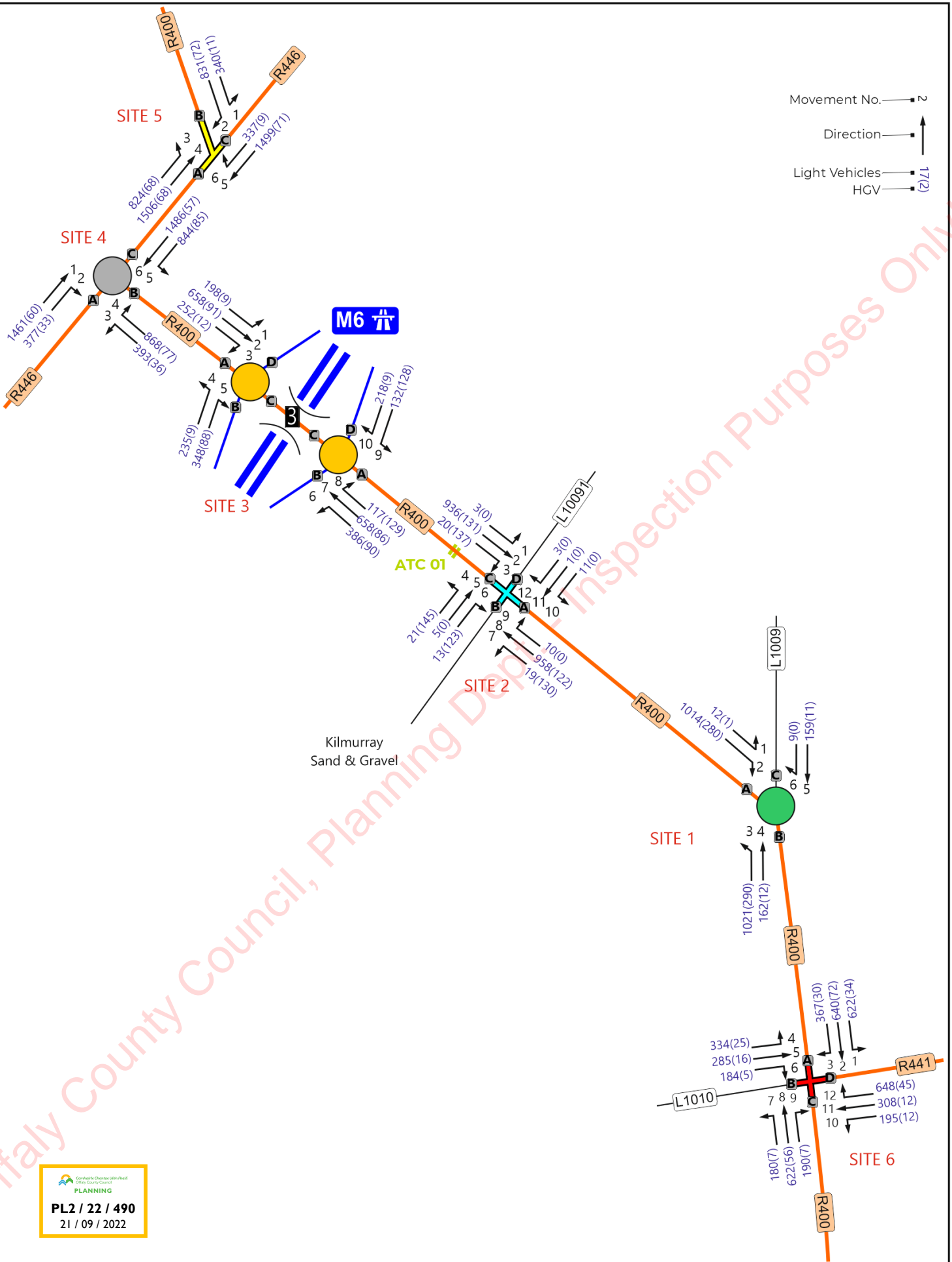
Prepared:	TWL	Checked:	JMK	Approved:	JMK
Date:	Jan 2022	Date:	Jan 2022	Date:	Jan 2022
Scale:	NTS	Project No:	03154	Figure 20	
Appendix 13.2					


Movement No. ———→

Direction ———↑

Light Vehicles ——— 17/2

HGV ——— 7/2

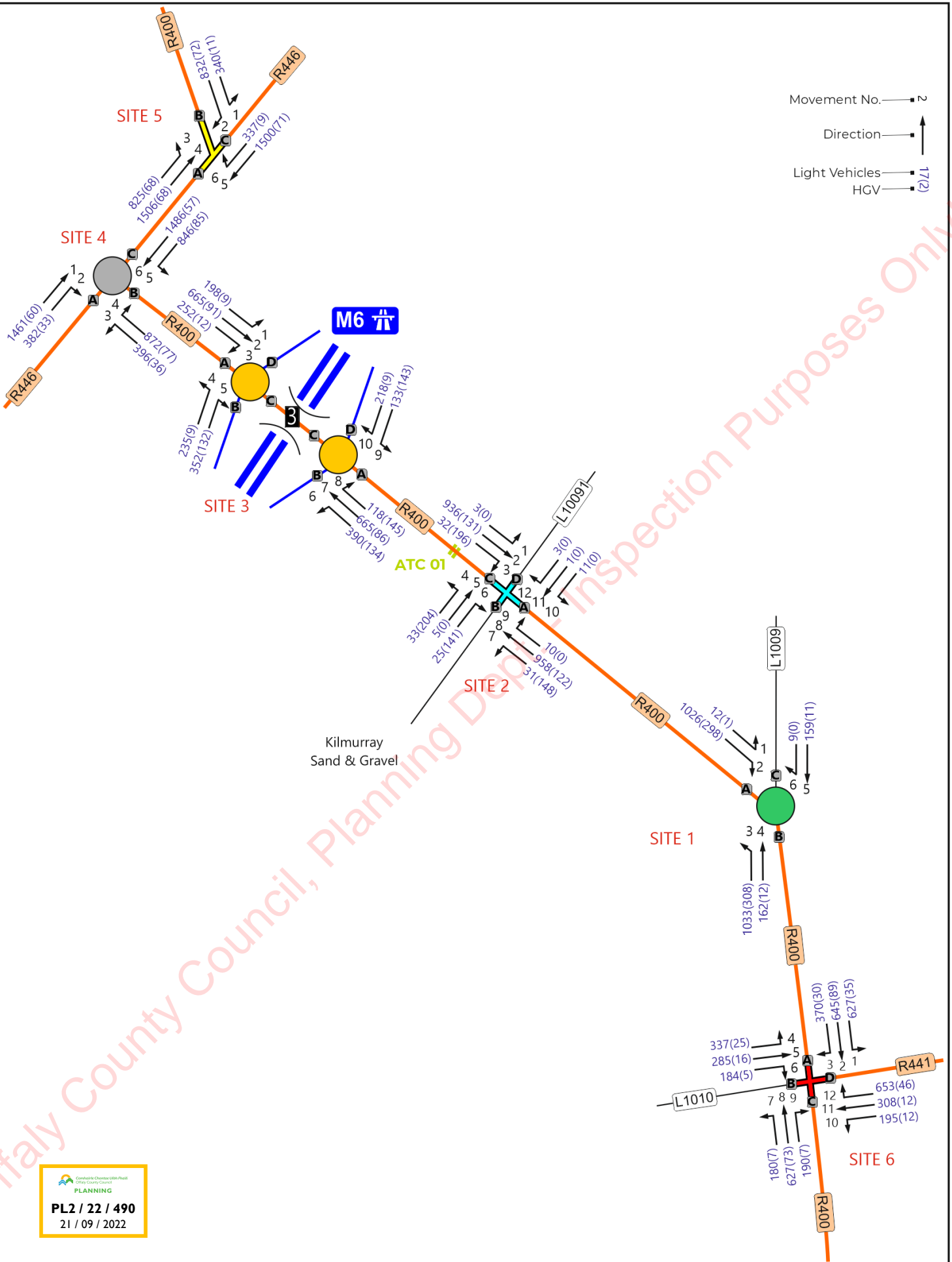
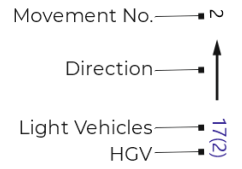




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 Website: www.trafficwise.ie
 E-mail: info@trafficwise.ie

Project Title **Derryarkin, Co. Offaly**
 Drawing Title **Forecast Baseline Traffic Flows**
Forecast Year of Opening +5yrs 2029
Do Nothing Scenario 07:00-19:00hrs

Prepared: TWL	Checked: JMK	Approved: JMK
Date: Jan 2022	Date: Jan 2022	Date: Jan 2022
Scale: NTS	Project No: 03154	Figure 21
Appendix 13.2		




PL2 / 22 / 490
 21 / 09 / 2022

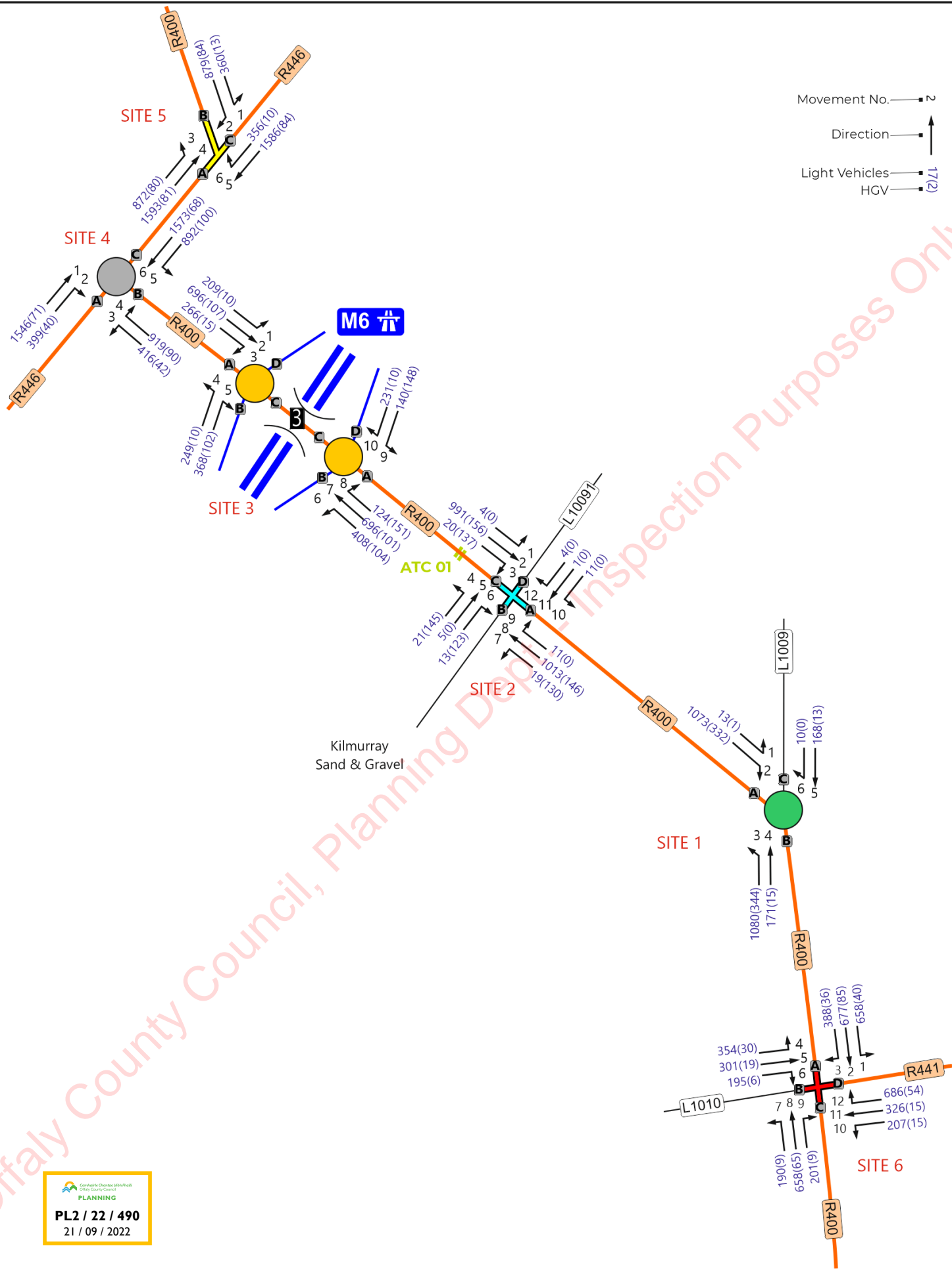
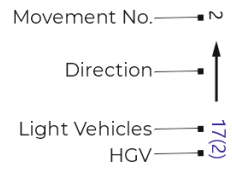
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 Website: www.trafficwise.ie
 E-mail: info@trafficwise.ie

Project Title **Derryarkin, Co. Offaly**
 Drawing Title **Forecast Daily Traffic Flows**
 Forecast Year of Opening +5yrs 2029
 Do Something Scenario 07:00-19:00hrs

Prepared: TWL	Checked: JMK	Approved: JMK
Date: Jan 2022	Date: Jan 2022	Date: Jan 2022
Scale: NTS	Project No: 03154	Figure 22
Appendix 13.2		




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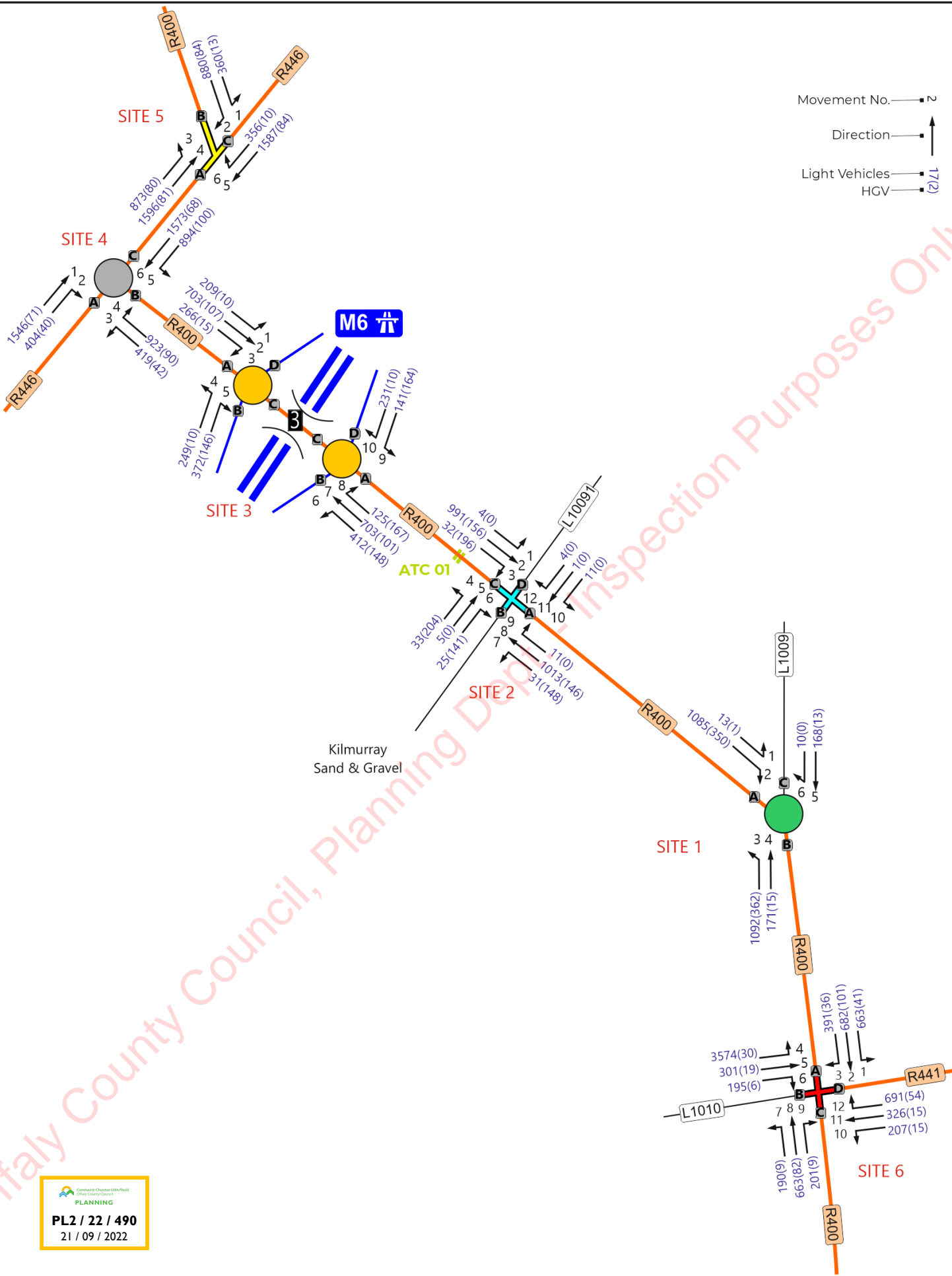
Suite 5, Gowna Plaza,
 Bracetown Business Park
 D15 R59T

Telephone: +353 (0)1 825 3015
 Website: www.trafficwise.ie
 E-mail: info@trafficwise.ie



Project Title	Derryarkin, Co. Offaly		
Drawing Title	Forecast Baseline Daily Traffic Flows Forecast Year of Opening +15yrs 2039 Do Nothing Scenario 07:00-19:00hrs		

Prepared:	TWL	Checked:	JMK	Approved:	JMK
Date:	Jan 2022	Date:	Jan 2022	Date:	Jan 2022
Scale:	NTS	Project No:	03154	Figure 23	
Appendix 13.2					



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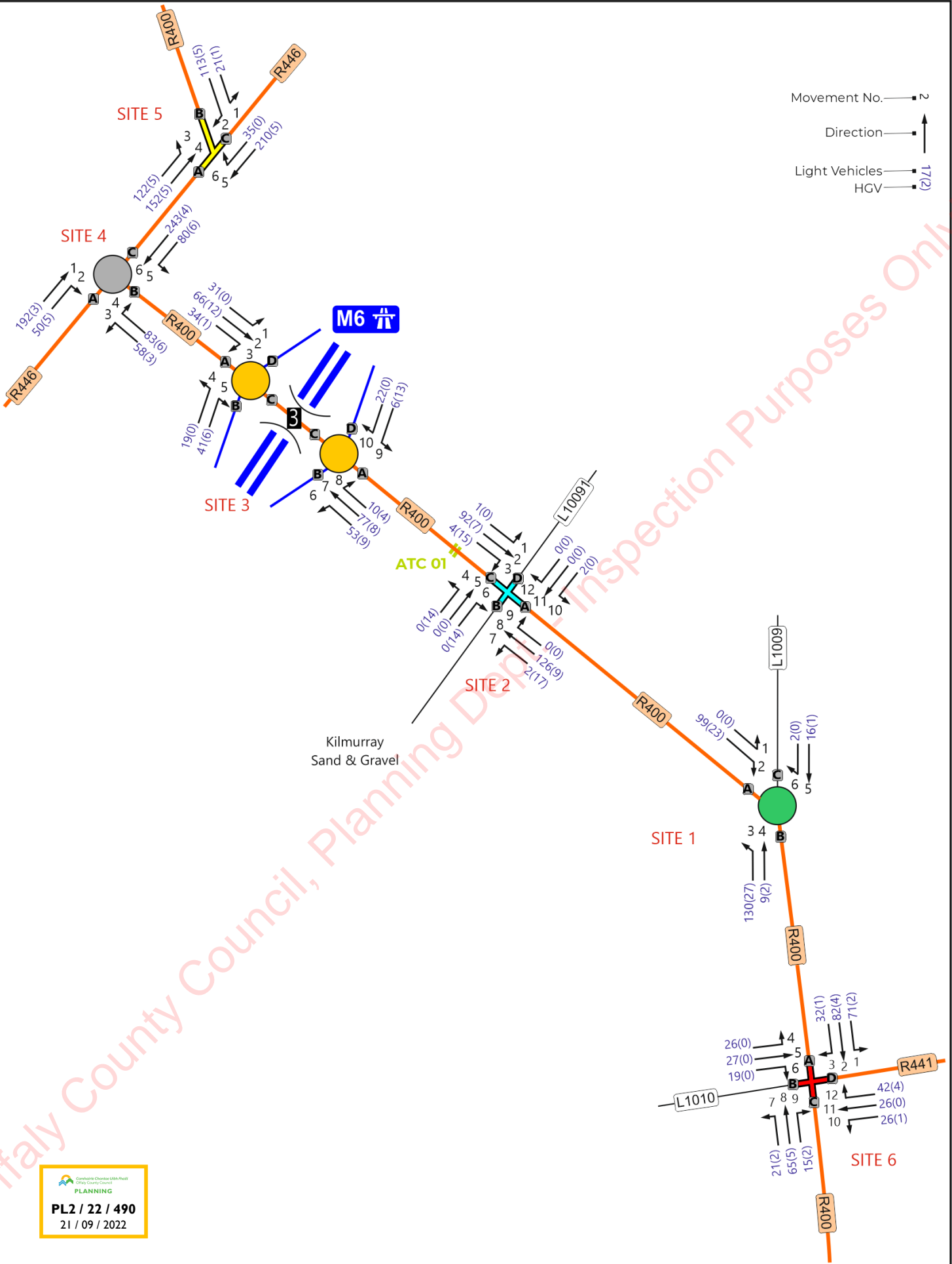
Suite 5, Gowna Plaza,
 Bracetown Business Park
 D15 R59T

Telephone: +353 (0) 8253015
 Website: www.trafficwise.ie
 E-mail: info@trafficwise.ie

Project Title	Derryarkin, Co. Offaly		
Drawing Title	Forecast Daily Traffic Flows		
	Forecast Year of Opening +15yrs 2039		
	Do Something Scenario 07:00-19:00hrs		

Prepared:	TWL	Checked:	JMK	Approved:	JMK
Date:	Jan 2022	Date:	Jan 2022	Date:	Jan 2022
Scale:	NTS	Project No:	03154	Figure 24	
Appendix 13.2					

Movement No. ———→
 Direction ———↑
 Light Vehicles ——— L7(2)
 HGV ——— H2(2)



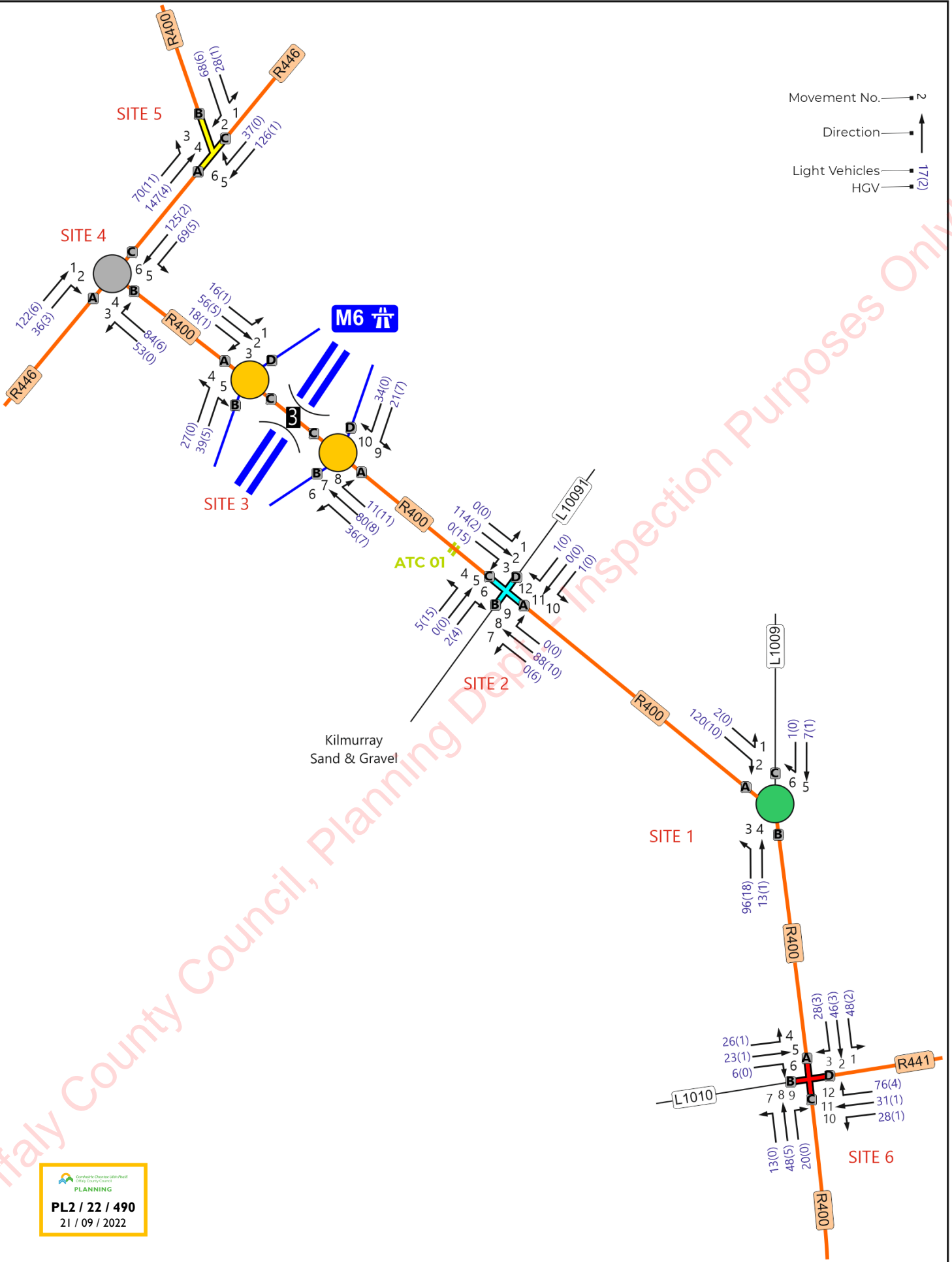
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Movement No. ———→

Direction ———↑

Light Vehicles ———(1/2)

HGV ———(2/2)



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 Website: www.trafficwise.ie

 E-mail: info@trafficwise.ie

Project Title **Derryarkin, Co. Offaly**

 Drawing Title **Evening Peak Hour 17:00-18:00hrs**

Forecast 2024 Assessment

Do Nothing Scenario (Scenario S2)

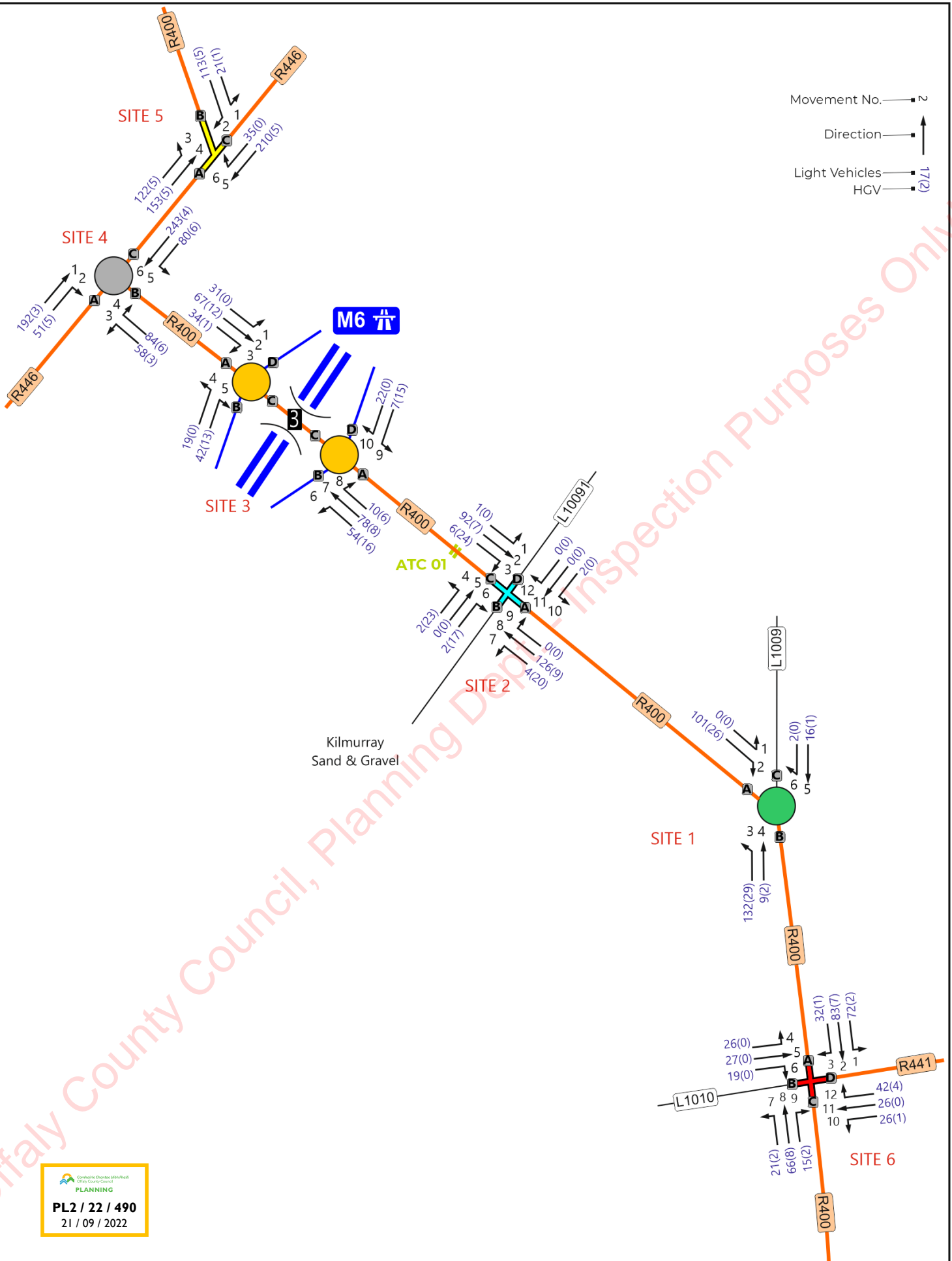
Prepared: TWL	Checked: JMK	Approved: JMK
Date: Jan 2022	Date: Jan 2022	Date: Jan 2022
Scale: NTS	Project No: 03154	Figure 26
Appendix 13.2		


Movement No. ———→

Direction ———↑

Light Vehicles ———17(2)

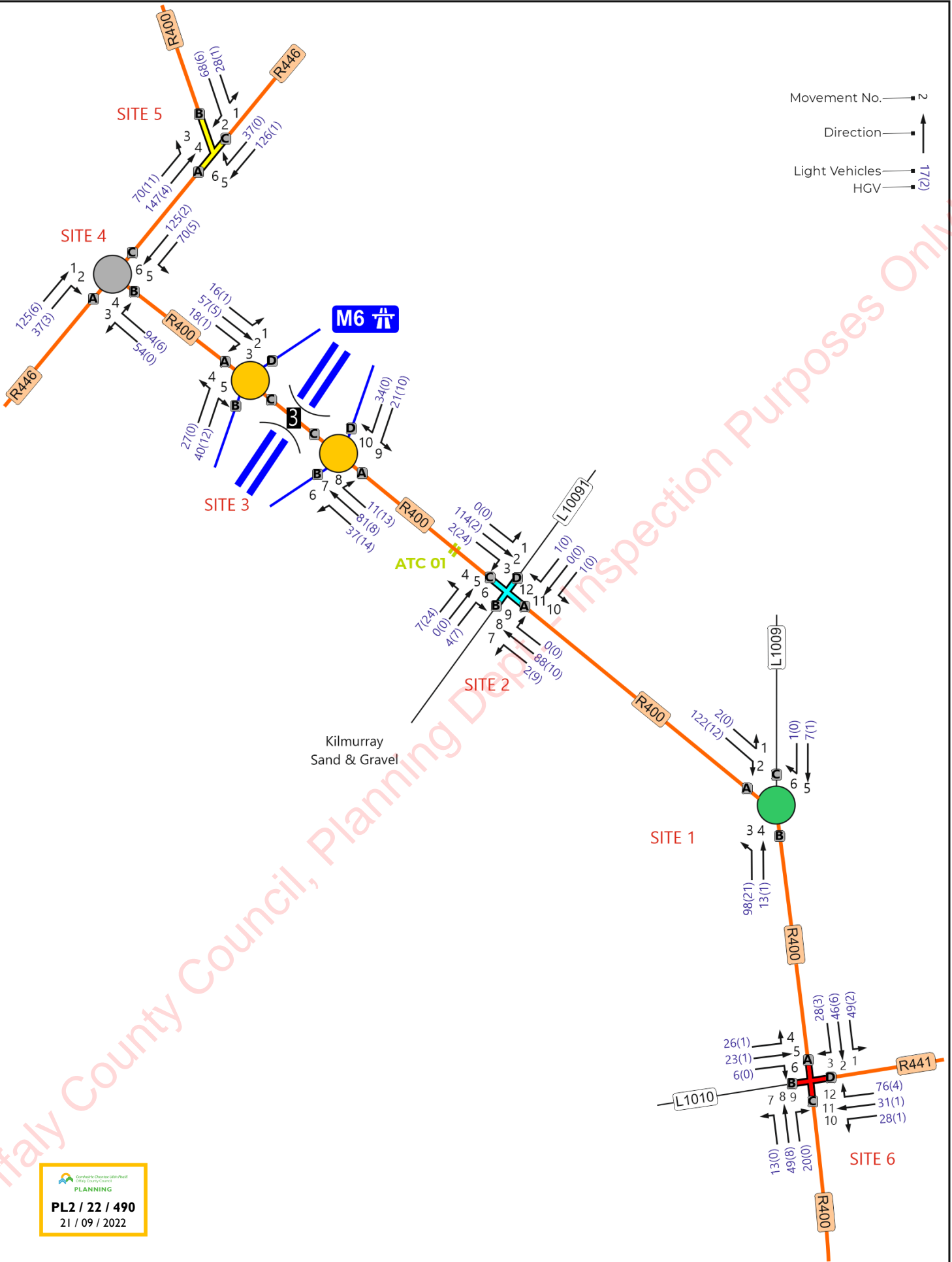
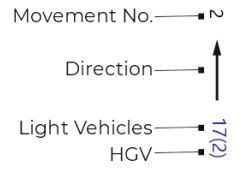
HGV ———17(2)






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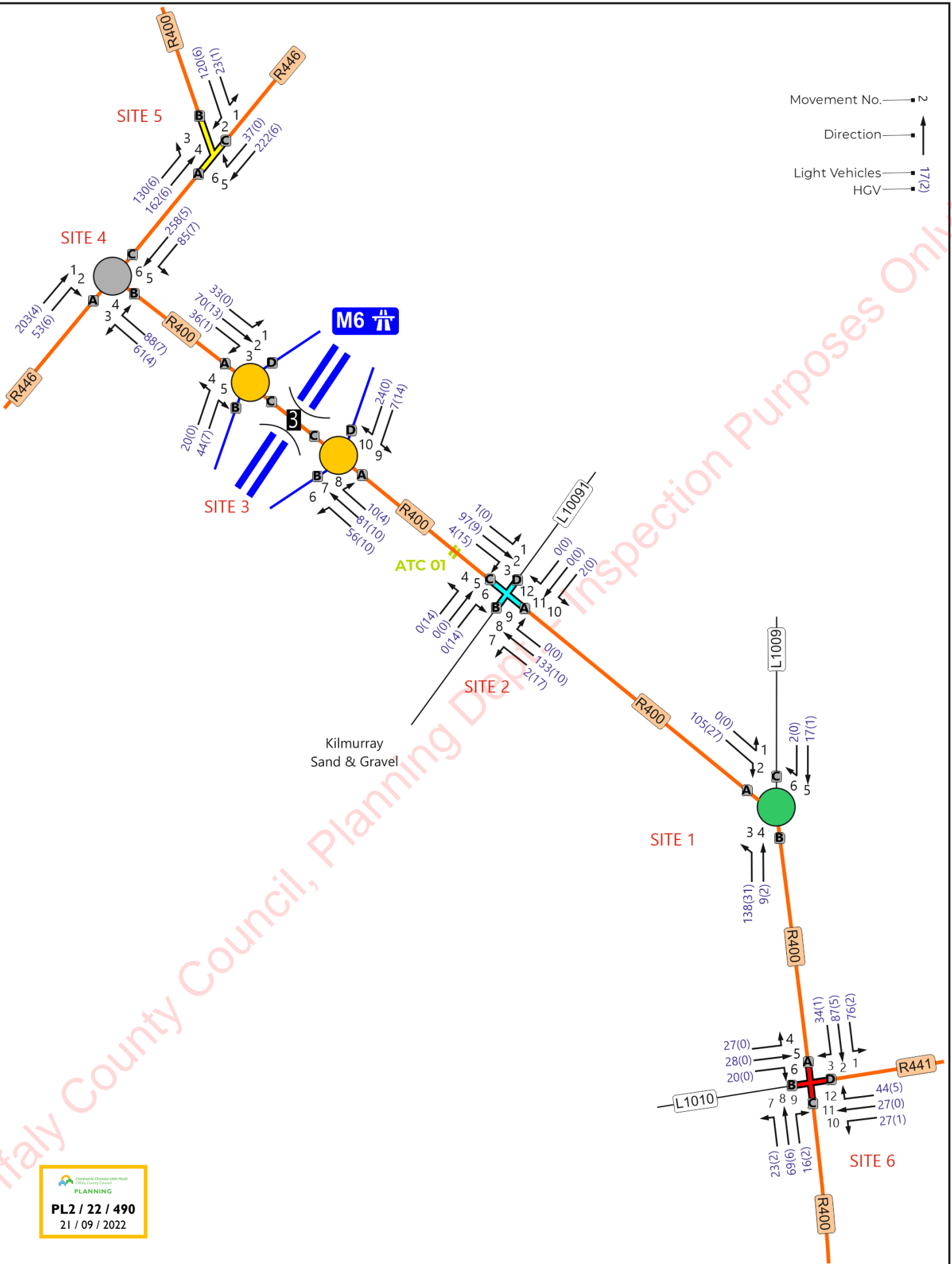
Suite 5, Gowna Plaza,
Bracetown Business Park
D15 R59T


Telephone: +353 (0) 825 3015
Website: www.trafficwise.ie
E-mail: info@trafficwise.ie

Project Title	Derryarkin, Co. Offaly		
Drawing Title	Evening Peak Hour 17:00-18:00hrs Forecast 2024 Assessment Do Something Scenario (Scenario S3)		

Prepared:	TWL	Checked:	JMK	Approved:	JMK
Date:	Jan 2022	Date:	Jan 2022	Date:	Jan 2022
Scale:	NTS	Project No:	03154	Figure 28	
Appendix 13.2					

Movement No. ———> N
 Direction ———> ↑
 Light Vehicles ———> 17(2)
 HGV ———> 17(2)



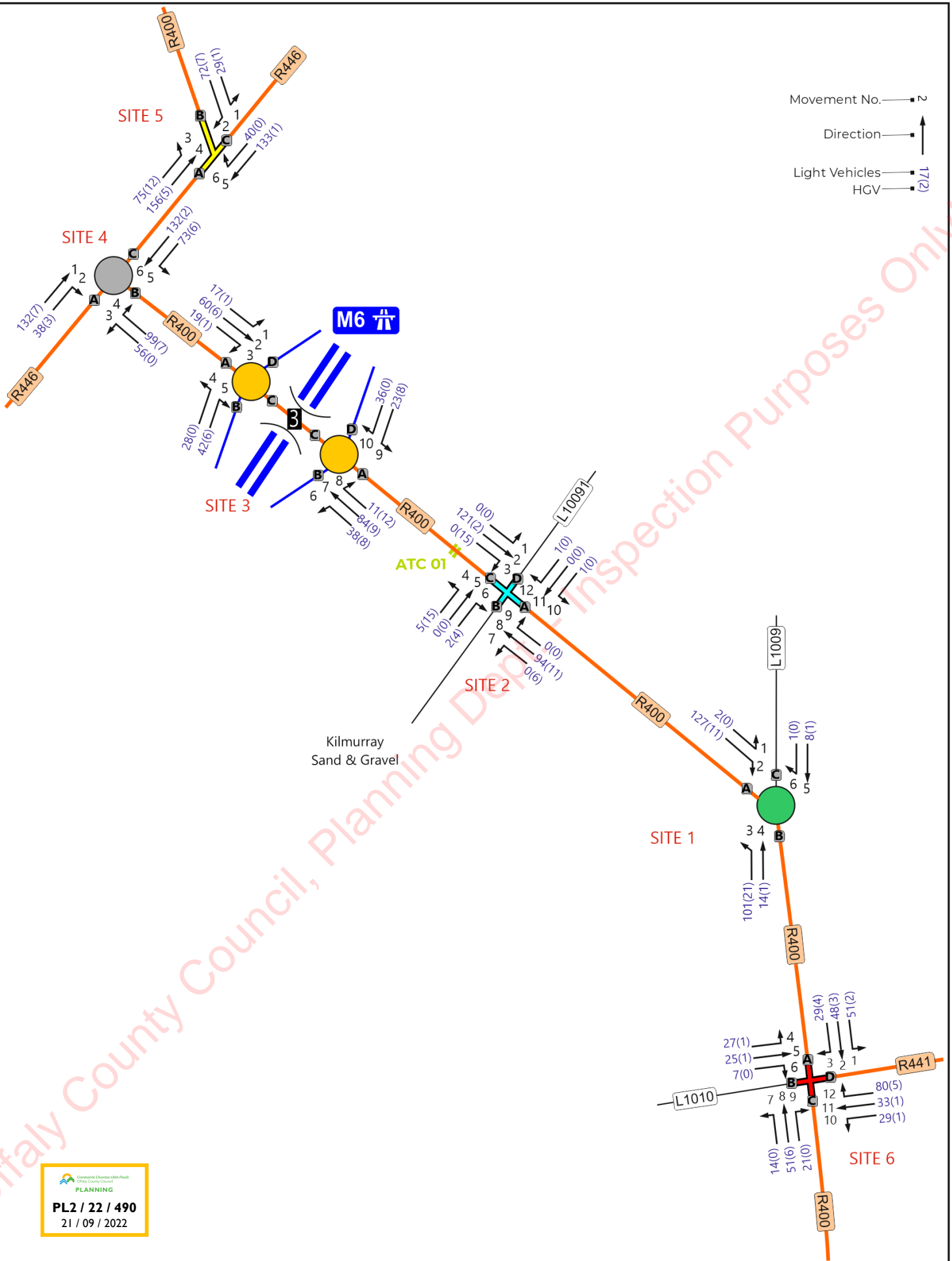

PL2 / 22 / 490
 21 / 09 / 2022


Movement No. ———→

Direction ———↑

Light Vehicles ——— 17(2)

HGV ——— 17(2)





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 E-mail: info@trafficwise.ie

Project Title **Derryarkin, Co. Offaly**

Drawing Title **Evening Peak Hour 17:00-18:00hrs
 Forecast 2029 Assessment
 Do Nothing Scenario (Scenario S4)**

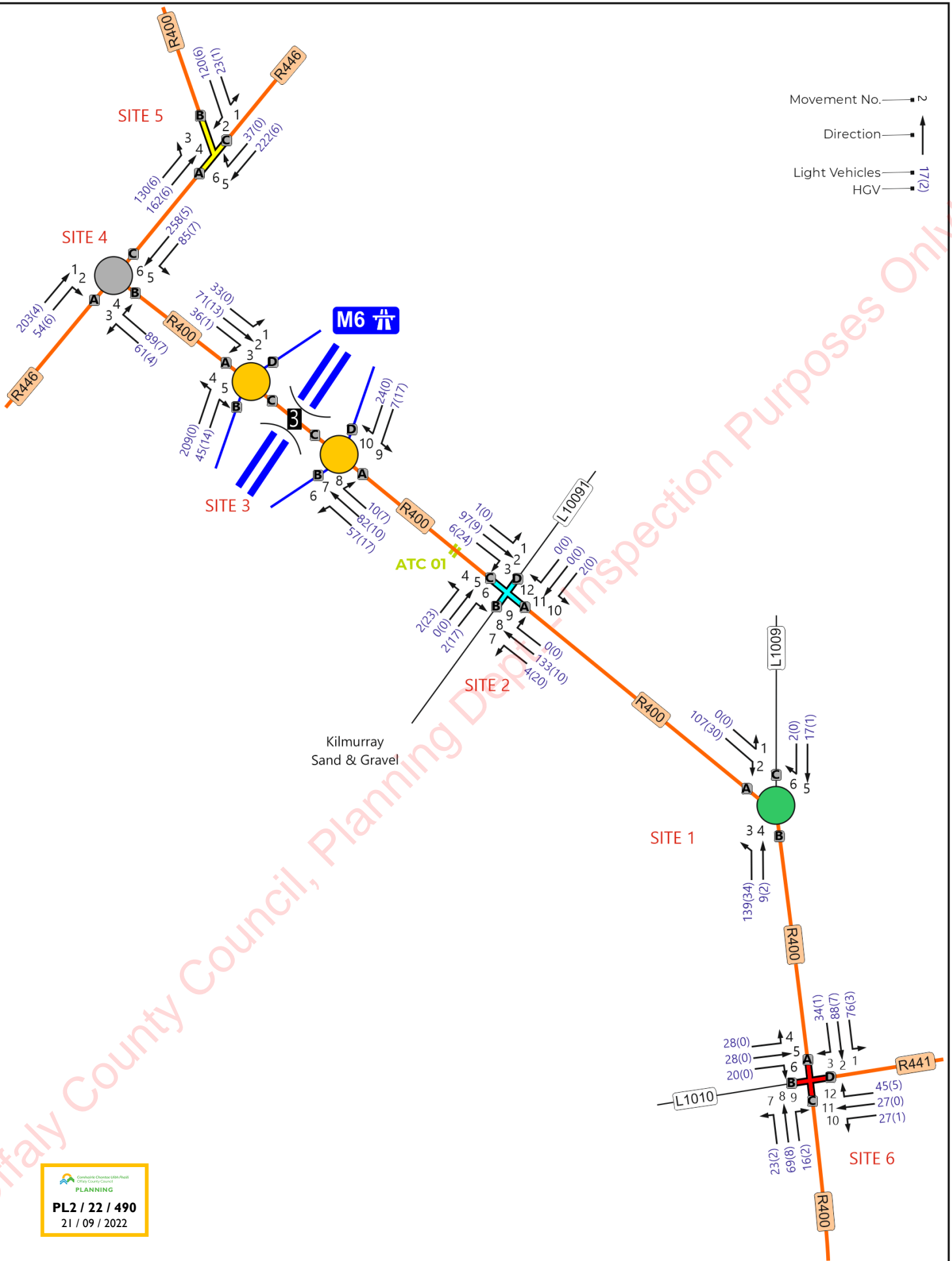
Prepared: TWL	Checked: JMK	Approved: JMK
Date: Jan 2022	Date: Jan 2022	Date: Jan 2022
Scale: NTS	Project No: 03154	Figure 30
Appendix 13.2		


Movement No. ———→

Direction ———↑

Light Vehicles ——— 17(2)

HGV ——— 17(2)





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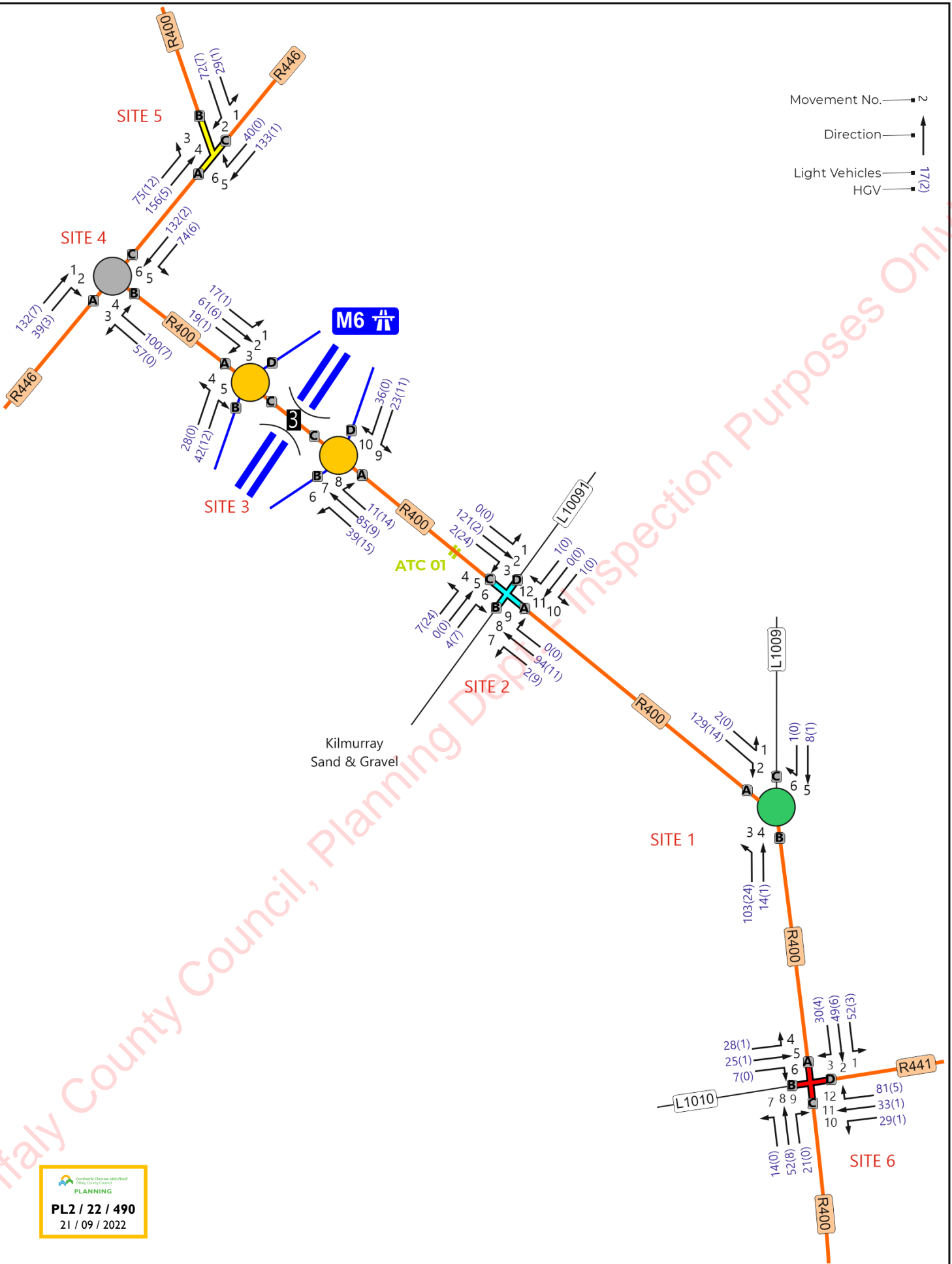
Telephone: +353 (0) 8253015
 Website: www.trafficwise.ie
 E-mail: info@trafficwise.ie

Project Title **Derryarkin, Co. Offaly**

Drawing Title Morning Peak Hour 08:00-09:00hrs
 Forecast 2029 Assessment
 Do Somethrning Scenario (Scenario S5)

Prepared: TWL	Checked: JMK	Approved: JMK
Date: Jan 2022	Date: Jan 2022	Date: Jan 2022
Scale: NTS	Project No: 03154	Figure 31
Appendix 13.2		

Movement No. ———> N
 Direction ———> ↑
 Light Vehicles ———> 17(2)
 HGV ———> 8(1)



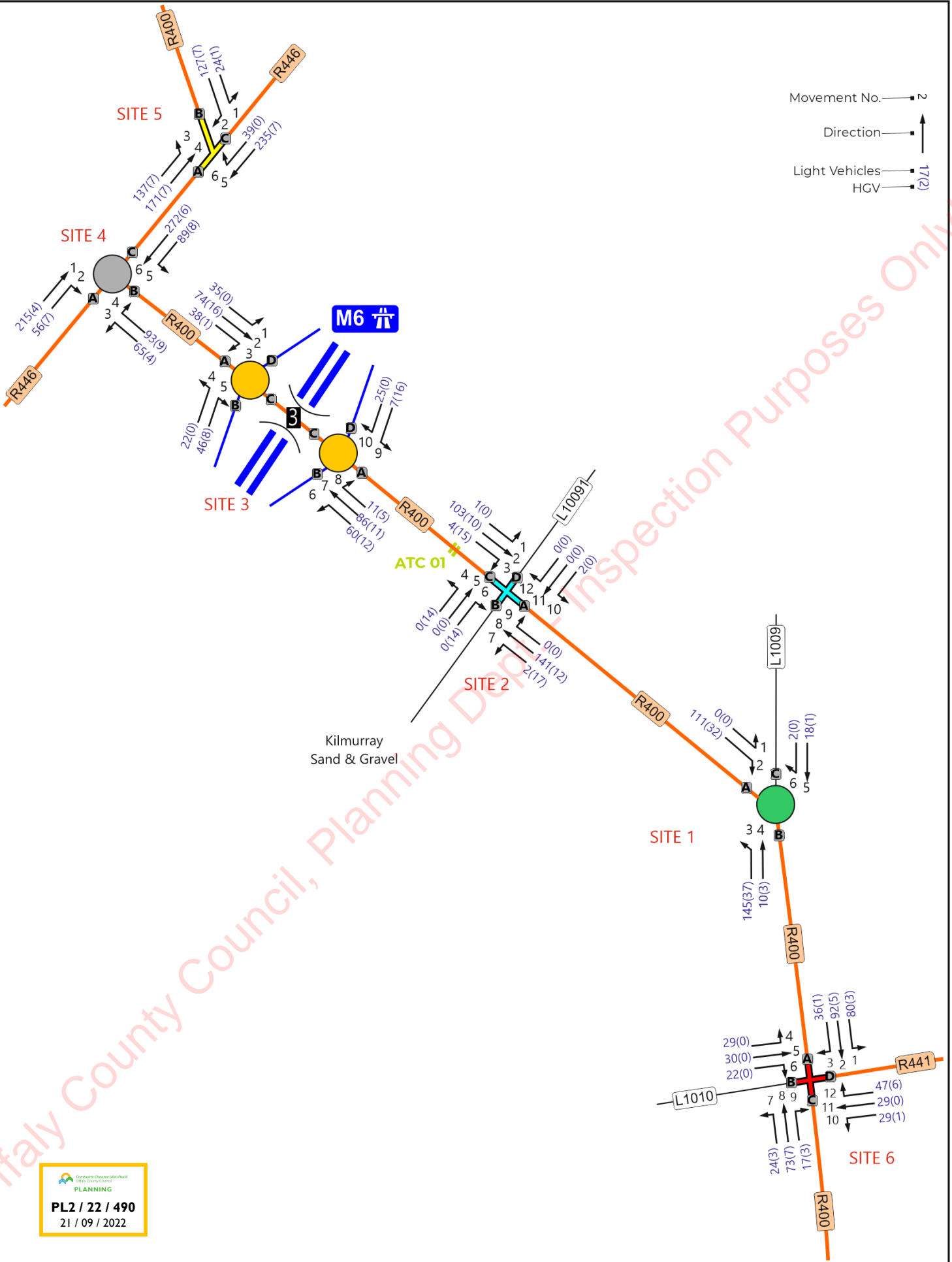
PL2 / 22 / 490
 21 / 09 / 2022

Movement No. ———→

Direction ———↑

Light Vehicles ———(L)

HGV ———(H)



PL2 / 22 / 490

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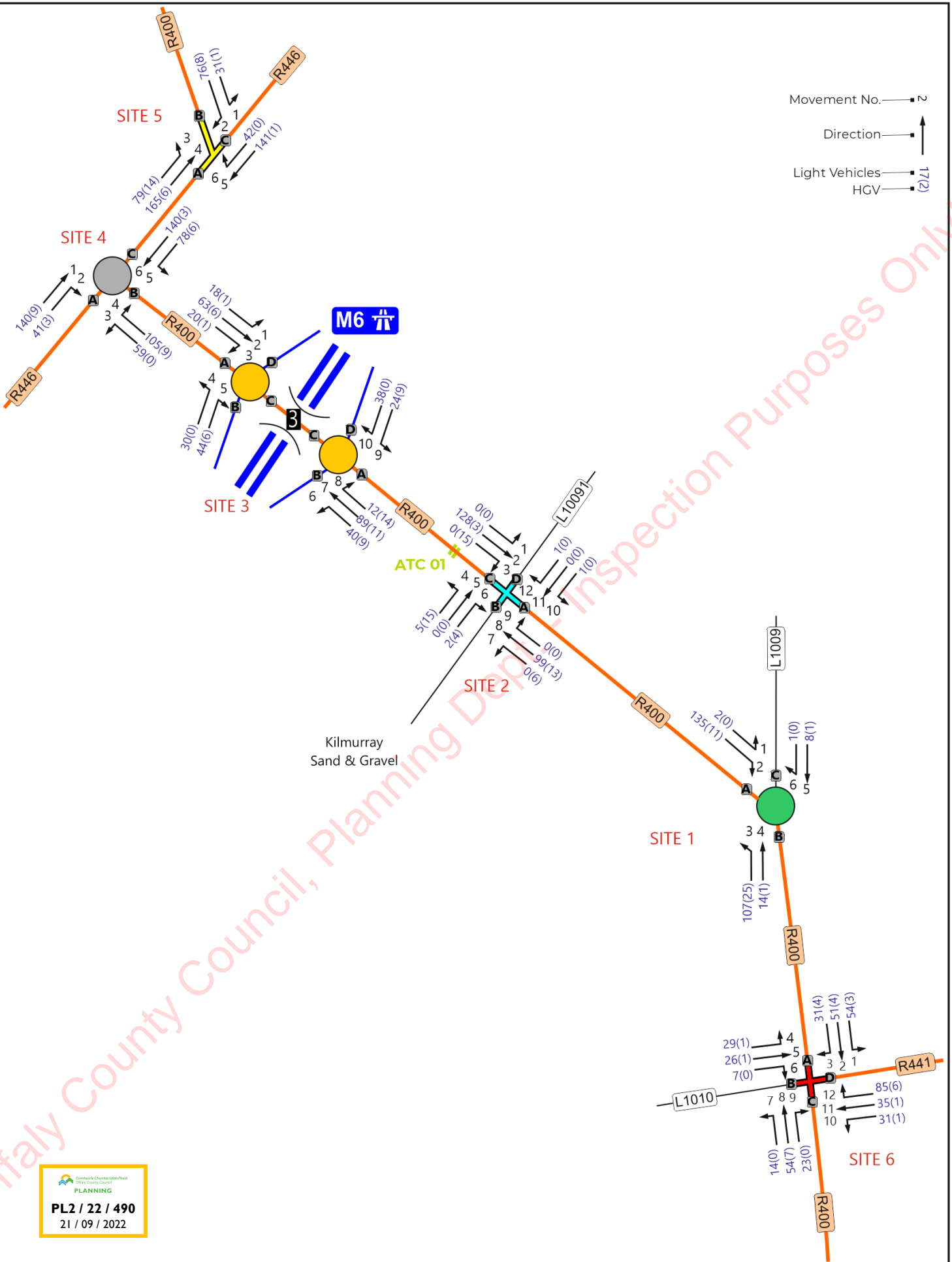
Telephone: +353 (0) 8253015
 Website: www.trafficwise.ie
 E-mail: info@trafficwise.ie

Project Title **Derryarkin, Co. Offaly**

Drawing Title Morning Peak Hour 08:00-09:00hrs
 Forecast 2039 Assessment
 Do Nothing Scenario (Scenario S6)

Prepared: TWL	Checked: JMK	Approved: JMK
Date: Jan 2022	Date: Jan 2022	Date: Jan 2022
Scale: NTS	Project No: 03154	Figure 33
Appendix 13.2		

Movement No. ———→
 Direction ———↑
 Light Vehicles ———| 17(2)
 HGV ———| 8(1)



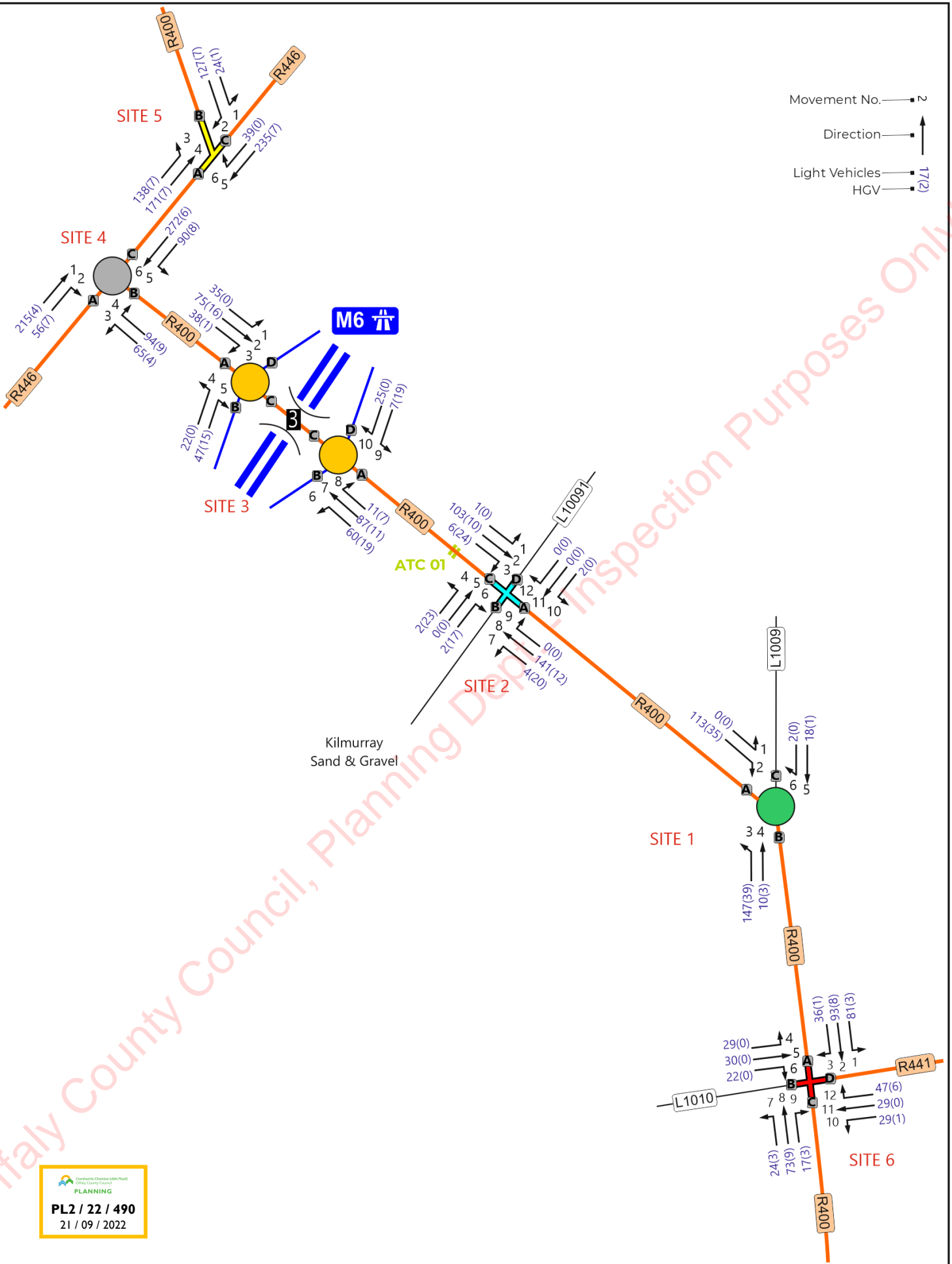

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Project Title **Derryarkin, Co. Offaly**
 Drawing Title **Evening Peak Hour 17:00-18:00hrs
 Forecast 2039 Assessment
 Do Nothing Scenario (Scenario S6)**

Prepared: TWL	Checked: JMK	Approved: JMK
Date: Jan 2022	Date: Jan 2022	Date: Jan 2022
Scale: NTS	Project No: 03154	Figure 34
Appendix 13.2		

Movement No. ———→
 Direction ———↑
 Light Vehicles ——— 17(2)
 HGV ——— 2



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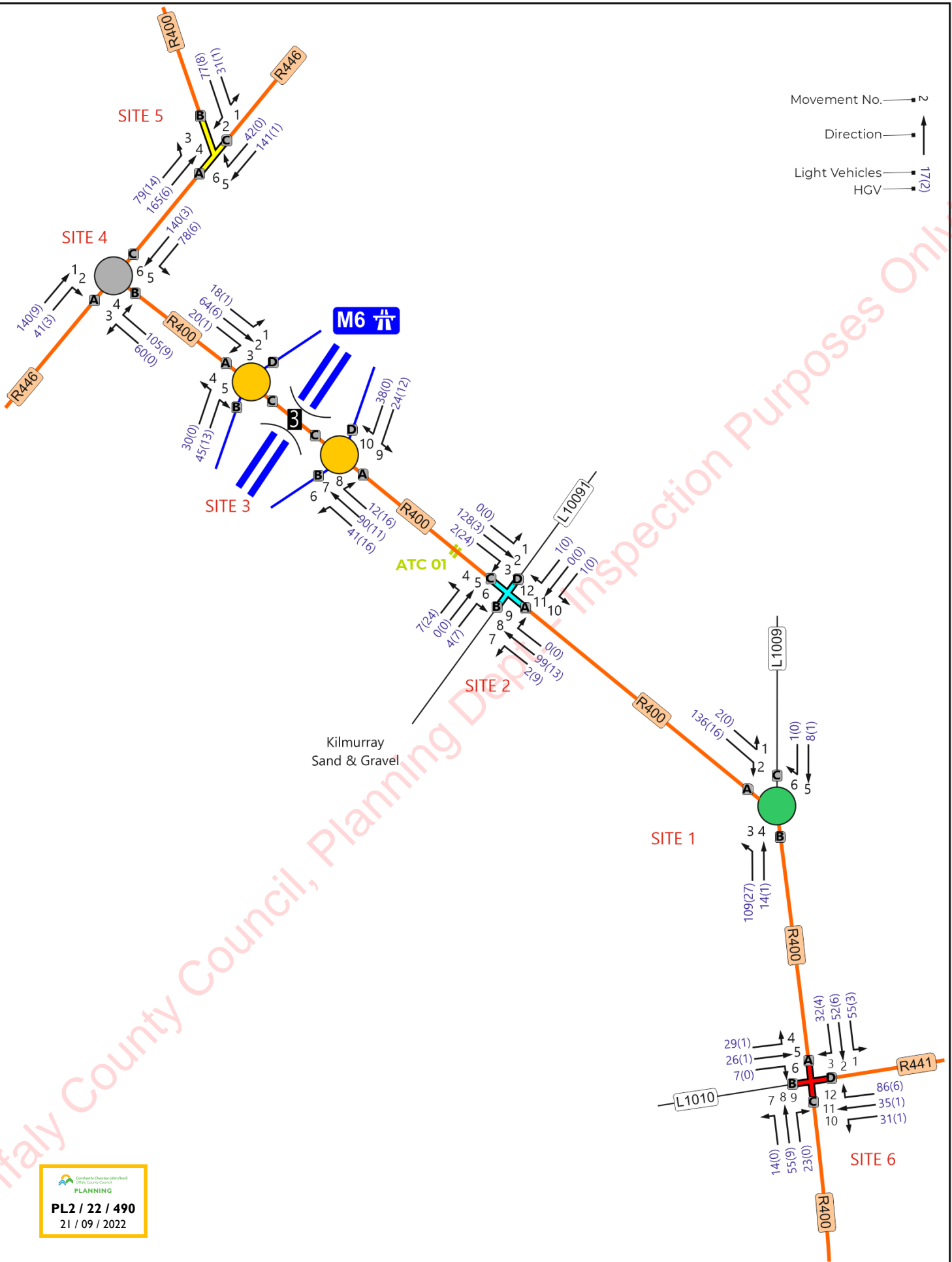
Telephone: +353 (0) 8253015
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 E-mail: info@trafficwise.ie

Project Title **Derryarkin, Co. Offaly**

Drawing Title Morning Peak Hour 08:00-09:00hrs
 Forecast 2039 Assessment
 Do Something Scenario (Scenario S7)

Prepared: TWL	Checked: JMK	Approved: JMK
Date: Jan 2022	Date: Jan 2022	Date: Jan 2022
Scale: NTS	Project No: 03154	Figure 35
Appendix 13.2		

Movement No. ———> ~
 Direction ———> ↑
 Light Vehicles ———> 17(2)
 HGVS ———> (2)



PL2 / 22 / 490
 21 / 09 / 2022