

# SK TRANSPORT PLANNING TRAFFIC TRANSPORT HIGHWAYS



# LAND TO THE SOUTH OF WESTWOOD HEATH ROAD

# TRANSPORT NOTE SUPPORTING THE VISION DOCUMENT

SK22309\_TN02

MARCH 2023

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#### **1.0 INTRODUCTION & DEVELOPMENT SUMMARY**

- 1.1 SK Transport Planning Ltd (SKTP) has been commissioned by Crest Nicholson (the client) to prepare a Transport Note (TN) that considers the client's vision to deliver a modest addition to the housing numbers over and above the consented 425 residential, convenience store, open space and allotment scheme to the south of Westwood Heath Road, Warwickshire.
- 1.2 The location of this consented scheme is shown on **plan 1** and is currently under construction. The site is known as "Westwood Park".
- 1.3 The site was allocated for residential development in the Warwick District Local Plan. The site (identified as H42 in the Local Plan) was identified by Warwick District Council (WDC) and Warwickshire County Council (WCC) as a site suitable for residential development for up to 425 residential units. This position was endorsed by the Planning Inspector through the 2016 Local Plan Examination.
- 1.4 All parties were supportive of the allocation, and this support has progressed through the granting of a hybrid planning permission for a detailed phase 1 of 129no. dwellings and a subsequent outline phase for the remaining 296no. dwellings (ref. W/17/2357). Agreement was reached with both WCC and Coventry City Council (CCC) Highways teams that a residential development of 425 units, plus convenience store could come forward without a 'severe' impact (the National Planning Policy test) on the surrounding highway network.
- 1.5 Agreement was reached between all parties that the site was sustainably located, with residents having the opportunity to walk, cycle, access buses and rail services in lieu of a reliance on the private car and the impact, in traffic and transport terms, was assessed across the following junctions on the highway network:
  - the development site accesses onto Westwood Heath Road
  - the Cromwell Lane/Westwood Heath Road priority junction
  - the Westwood Heath Road/Gibbet Hill Lane roundabout junction
  - the Gibbet Hill Lane/Stoneleigh Road roundabout junction
  - the Kenilworth Road/A45 junction
  - the Leamington Road/Stonebridge Way junction
  - the A46 Stoneleigh Junction
  - the Cromwell Lane/Charter House junction
- 1.6 Previous assessment work used both CCC's and WCC's strategic transport models to assess the impact of the additional traffic generated by the proposed development on the surrounding highway network. The two models that were used for the assessment were:
  - WCC's S-Paramics Model
  - CCC's VISSUM "CASM" Model
- 1.7 This TN considers the client's proposals for a modest expansion to the consented 425 residential unit scheme through the incorporation of two parcels of adjacent land. This proposed approach will maximise the benefits of delivering much needed residential development in a previously accepted sustainable location and in an appropriate location for growth.
- 1.8 As presented later in this TN the client's proposals balance the delivery of sustainable residential development in a location that continues to be well served by public transport and in a location that benefits from good quality walking and cycling infrastructure.

1.9 The next section of this report provides a summary of the site location, the previously agreed accessibility of the site by sustainable modes of travel, and the measures that were designed into the consented scheme to allow potential future development phases to come forward. The review confirms that end occupiers of the additional development phases will benefit from the same level of sustainable access as previously accepted by both highway authorities.

# 2.0 SITE LOCATION AND SUSTAINABLE CREDENTIALS

#### **Development Location & Characteristics**

- 2.1 The Westwood Park development is located on the southern side of Westwood Heath Road, some 5km to the south-west of Coventry city centre, close to Warwick University and the existing residential and employment areas of Westwood Business Park and Till Hill Industrial Area. The site location is shown on **plan 1**.
- 2.2 The development sits in WDC, but is on the boundary of Coventry City Council (CCC) controlled roads. Westwood Heath Road on the northern boundary of the site is within CCC and Bockendon Road (on the eastern boundary of the site) is within WDC, with WCC acting as highway authority.

### Accessibility on Foot and by Cycle

- 2.3 As part of previous assessment work a full appraisal of the development site's accessibility on foot and by cycle was undertaken. **Plan 2** confirmed that the site is well located in relation to existing pedestrian and cyclist networks. An existing Public Right of Way (PROW) routes through the south-western part of the site and has been incorporated into the consented development layout.
- 2.4 This PROW links to the wider PROW network and to facilities on Cromwell Lane and Burton Green. To the north of Westwood Heath Road it was agreed that the existing residential streets provide good quality connections to local amenities, local employment areas, and existing public transport corridors linking the area towards Coventry city centre. These corridors were carefully reviewed and agreed as being suitable for pedestrian and where allowed cycle access to a range of local destinations.
- 2.5 With DfT best practice guidance confirming that cycling and walking have the potential to substitute for car trips under 5km (a 25-minute cycle time) and 2km (a 25-minute walk), respectively previously accepted assessments confirmed that all the major destination areas in Coventry (including the city centre) are within a 5km cycle distance of the site and significant leisure, education and employment land uses are within the accepted 2km walk distances. These destinations include Warwick University, Westwood Business Park and Tile Hill Industrial Area.
- 2.6 This review also confirmed that the existing cycle network in Coventry comprises of a system of on-carriageway marked routes, segregated routes and quiet residential advisory routes. Cyclists have good connections to major trip attractions and can connect to the Connect 2 Kenilworth (C2K) route that links Kenilworth and the Warwick University campus. This route forms part of Route 52 of the National Cycle Network.
- 2.7 The review also confirmed that Bockendon Road and a small section of Westwood Heath Road forms part of the advisory cycle network. As part of the planning approval it was agreed that the development would also deliver a new controlled crossing on Westwood Heath Road, to facilitate safe and direct access through to Westwood Business Park and onwards to Coventry city centre via residential streets, lightly trafficked routes and pedestrian/cycle corridors that would be enhanced through previously agreed developer contributions.
- 2.8 It was agreed with WCC and CCC that the Westwood Park is well linked to major destinations by cycle infrastructure. Previous reviews confirmed that cycling is already

a well-established mode of travel around Warwick University, and through the Westward Park Travel Plan, and the measures contained within it, residents have a safe and attractive alternative to using the private car for shorter-distance journeys.



Photo 2.1: Recently Constructed Controlled Crossing Facility on Westwood Heath Road

#### Accessibility by Public Transport

2.9 As part of the planning approval for Westwood Park CCC and WCC agreed that the site was accessible by bus and train. Westwood Heath Road, Cromwell Lane, Charter Avenue and Westwood Way are established bus routes, and as part of the Westwood Park scheme the bus stops on this corridor have recently been upgraded.

#### **Bus Services**

2.10 A summary of existing bus services within a reasonable walk distance of the site is provided in **table 2.2**.

			Frequ	lency	
Service	Route	AM Peak	Daytime (per hour)	Evening (per hour)	Sunday (per hour)
87/87A	Coventry to Solihull Station via Balsall Common	1	1	1	0
87/87A	Solihull Station to Coventry via Balsall Common	1	1	1	0
19	Coventry to Westwood Business Park	1	1	0	0
19	Westwood Business Park to Coventry	1	1		0
18/18A	Coventry to Tile Hill South (via Hearsall Common)	3	4	1	2
18/18A	Tile Hill South to Coventry (via Hearsall Common)	4	2	1	2
180	Tanyard Farm to Balsall Common	1	0	0	0
180	Balsall Common to Tanyard Farm	0	1	0	0
233	Solihull to Kenilworth	0	1 bus (1056)	0	0
233	Kenilworth to Solihull	0	1 bus (1244)	0	0

 Table 2.2:
 2023 Local Bus Services

- 2.11 The IHT document, 'Planning for Public Transport in Developments', states that 400m (a five-minute walk time) is an acceptable walking distance to local bus services. The bus stops on Westwood Heath Road fall within this accepted walk distance from the site.
- 2.12 **Table 2.2** confirms that the recently upgraded bus stops on Westwood Heath Road are served by the 87/87A services, which operate on an hourly frequency in each direction. More frequent services are available from Charter Avenue, a 10-minute walk from the site.



Photo 2.2: Recently Upgraded Bus Stop on Westwood Heath Road

- 2.13 It is also noted that the primary spine route through the hybrid planning permission area has been designed to a specification that would enable a bus route to be routed through the interior of the site.
- 2.14 Any additional residential units delivered as part of a second phase of development at Westwood Park will also benefit from this bus service accessibility, providing end occupiers with an alternative mode of travel than the private car to access to local employment, retail and educational facilities.

### **Rail Services**

2.15 Westwood Park is located 1.1km from Tile Hill station, less than a 14-minute walk or a circa 6-minute cycle from the site. The site, and any additional development phase

falls well within the IHT's 2km preferred maximum commuting distance laid out in the document 'Guidelines for Providing for Journeys on Foot'.

2.16 The station is served by local stopping trains and provides frequent links to Birmingham, Coventry and London, as well as services to Warwick and Royal Leamington Spa (via Coventry). Existing rail services are summarised in **table 2.3**.

Rail Station	Route	First Train	Daytime	Evening	Last Train
	Berkswell - Hampton in Arden - Birmingham International - Marston Green - Birmingham New Street	0554	2 direct trains per hour	2 direct trains per hour	2352
Tile Hill	Canley - Coventry - Rugby - Long Buckby - Northampton - Wolverton - Milton Keynes Central - Bletchley - Leighton Buzzard - London Euston	0557	4 Trains per Hour	3 trains per hour	2320

Table 2.3: Existing Rail Services (Tile Hill)

2.17 Current journey times by rail to key destinations are summarised in **table 2.4**.

Destination	Typical Journey Time
Coventry	6 minutes
Birmingham New Street	22 Minutes
Royal Leamington Spa	23 Minutes
Northampton	40 Minutes
Warwick	48 Minutes
Wolverhampton	50 Minutes
London Euston	87 Minutes

 Table 2.4: Typical Rail Journey Times (Tile Hill)

2.18 This review confirms Westwood Park, and any potential additional development phase considered in this TN, remains well located in terms of walking and cycling connectivity, and also with respect to existing bus corridors and frequent train services to Coventry and Birmingham via Tile Hill rail station.

### Accessibility to Local Amenities and Services

2.19 The IHT document, 'Guidelines for Providing for Journeys on Foot', and DfT documents, 'Creating Growth, Cutting Carbon' and 'PPG13 – Best Practice Guidance', provides further details of accepted walking distances. A summary of the best practice advice is shown in **table 2.5**.

	Bus Stop (m)	Commuting (m)	Education (m)	Other Destinations (m)	Cycle Distance (m)
DfT/IHT Guidance	400	2000	2000	1200	5000

Table 2.5: IHT & DfT Maximum Walking Distances

2.20 **Table 2.6** summarises DfT/IHT desirable pedestrian and cycling catchments from the site to local and district destinations.

Туре	Name	Location	Distance (m)	Within Walking Guidance	Within Cycling Distance	Linked by Bus
Employment	Westwood Business Park	Westwood Way	697	Yes	Yes	n/a
Employment	Torrington Ave Industrial Estate	Torrington Ave	1349	Yes	Yes	n/a
Employment	University of Warwick Science Park	Kirby Corner Road	2252	No	Yes	n/a
Employment	Tile Hill Employment Area	Charter Avenue	794	Yes	Yes	Yes
Education/Employment	University of Warwick	Gibbet Hill Road	1839	Yes	Yes	n/a
Education	The Westwood Academy	Mitchell Ave	1622	Yes	Yes	n/a
Education	Burton Green Primary School	Hob Lane	1475	Yes	Yes	n/a
Education	Charter Primary School	Mitchell Ave	1622	Yes	Yes	n/a
Leisure	The Xcel Leisure Centre	Mitchell Ave	1622	Yes	Yes	n/a
Leisure	Westwood Heath Sport & Conference Centre	Westwood Heath Road	1534	Yes	Yes	n/a
Retail	Cannon Park Retail Park	Lynchgate Road	2575	No	Yes	Yes

Table 2.6: Walking & Cycling Accessibility Analysis

2.21 **Table 2.6** confirms that an additional development phase at Westwood Park will be well located on foot and by cycle in relation to existing local destinations and major trip attractors. Residents will be particularly well located in relation to access to local employment and education facilities.

# 3.0 THE CONSENTED SITE LAYOUT

3.1 The Westward Park development layout was designed to deliver a high level of permeability within the internal layout and provide connectivity to existing Public Rights of Way (PROW) and footpaths on Westwood Heath Road to the north of the site. The internal layout has been designed to reduce vehicle speeds, in line with the principles of 'Manual for Streets'.

### Access Proposals

- 3.2 Westward Park is accessed by two new ghosted priority junctions, which have been constructed and are already in use. The western access is currently used as a dedicated construction access, with the eastern access providing access to the show home and properties that are now occupied. The two-access strategy was agreed as it allows traffic to dissipate onto the adjacent highway network in a similar manner to the residential streets to the north.
- 3.3 Occupiers of an additional development phase at Westwood Park would also be able to use the two vehicular access points onto Westward Park. The constructed access arrangements provide safe and efficient access for the consented scheme, and will also

be able to safely accommodate the additional traffic movements associated with an additional phase.

# 4.0 DEVELOPMENT OPTIONS & TRAFFIC IMPACT

- 4.1 Having reaffirmed the sustainable credentials of the Westward Park site, and the agreement reached between WCC and CCC on all traffic, transport and sustainable development matters associated with the 425 unit scheme an opportunity has arisen to bring in additional agricultural land to the west and south of the existing approved development.
- 4.2 The two additional land parcels that could be incorporated are:
  - Land to the south which falls within the existing Local Plan allocation
  - Land to the west which falls within the Green Belt
- 4.3 The two land parcels that could be incorporated into the previously consented scheme are shown in **figure 4.1** below.



Figure 4.1: Potential Development Land Parcels

4.4 A summary of each of the development options is provided in **table 4.1** below. All four options are presented in the supporting Vision Statement.

Development Option	Development Scale (Units)	Development Location
Option 1	50	Built Development in Southern Land Parcel – within H42 Allocation
Option 2	100	Built Development in Southern Land Parcel – public open space to be provided in western expansion land
Option 3A	135	Built Development in Western Land Parcel – public open space to be provided in western expansion land
Option 3B	150	Built Development in Western Land Parcel – public open space to be provided in western expansion land

Figure 4.1: Potential Option Development Scales

- 4.5 As set out above the additional development phase options are modest in nature when compared to the consented 425 residential unit scheme. When presented as a percentage the options range from a development scale of between 12% and 35% of the consented scheme.
- 4.6 To calculate the expected number of additional vehicular movements that each development option would generate the previously agreed residential trip rates have been used. These trip rates were WCC standard trip rate factors, and are summarised in **table 4.2**.

Time Period	In	Out	Total
0700 to 0800	0.08	0.33	0.41
0800 to 0900	0.12	0.48	0.60
0900 to 1000	0.12	0.22	0.34
1600 to 1700	0.35	0.12	0.46
1700 to 1800	0.48	0.12	0.60
1800 to 1900	0.36	0.12	0.48

**Table 4.2:** WCC Standard Residential Trip Rates

4.7 Using these trip rate factors it is possible to estimate the number of inbound and outbound vehicle movements from the four development options presented in table4.1. These are trip rate estimates are presented in tables 4.3 and 4.4.

AM Peak		Time Period	In	Out	Total
Development Option	Number of Units		0.12	0.48	0.60
Option 1	50 Units	0800 to 0900	6	24	30
Option 2	100 Units		12	48	60
Option 3A	135 Units		16	65	81
Option 3B	150 Units		18	72	90

Table 4.3: AM Peak Development Option Trip Rates

PM P	eak	Time Period	In	Out	Total
Development Option	Number of Units		0.48	0.12	0.60
Option 1	50 Units		24	6	30
Option 2	100 Units	1700 to 1800	48	12	60
Option 3A	135 Units		65	16	81
Option 3B 150 Units			72	18	90

Table 4.4: PM Peak Development Option Trip Rates

- 4.8 **Tables 4.3 and 4.4** confirm that additional traffic from the development options ranges from +30 two-way movements (option 1 +50 units) through to +90 two-way movements (option 3B +150 units) across each 60-minute peak period.
- 4.9 When averaged over each 60-minute period the development options will result in:
  - Option 1 one additional vehicle on Westwood Heath Road every 105 seconds
  - Option 2 one additional vehicle on Westwood Heath Road every 56 seconds
  - Option 3A one additional vehicle on Westwood Heath Road every 44 seconds
  - Option 3B one additional vehicle on Westwood Heath Road every 40 seconds
- 4.10 Even in Option 3B, which promotes the highest number of residential units (150) this would still only generate an estimated one additional vehicle every 40 seconds on Westwood Heath Road.
- 4.11 To demonstrate that predicted impact (in traffic terms) that the various development options will have on the surrounding highway network the previously agreed traffic distribution from the Council strategic models (which underpinned the 425 residential development planning permission) has been revisited.
- 4.12 For each of the previously assessed junctions considered as part of the 425 residential scheme (which are listed in paragraph 1.5) an assessment has been made of the overall increase in traffic flows generated by the four development options.
- 4.13 The distribution of development traffic for each of the four options has been taken from the same distribution outputs from the CCC and WCC strategic models, and as such is considered to be a robust and fit for purpose approach. The development distribution flows for each of the options are provided in **appendices a and b** for the peak periods respectively.
- 4.14 Each development option has a summary table confirming the estimated increase in two-way traffic movements through each junction, based on the proposed scale of development.

Junction	Option 1 - 50 Re	esidential Units
	AM Peak	PM Peak
Cromwell Lane/Westwood Heath Road	+2	+3
Western Site Access	+16	+16
Eastern Site Access	+29	+29
Westwood Heath Road/Bockendon Road	+27	+28
Kirby Corner Road/Gibbett Hill Road	+19	+25
Flechamstead HWY/Kenilworth Road	+11	+8
Gibbett Hill Road/Kenilworth Road	+3	+7
Leamington Road/St Michaels Road	+9	+6
A46/Stoneleigh Road	+3	+7

 Table 4.5: Option 1 – 50 Residential Development Traffic Flow Changes

Junction	<b>Option 2 – 100 F</b>	Residential Units
	AM Peak	PM Peak
Cromwell Lane/Westwood Heath Road	+4	+6
Western Site Access	+31	+32
Eastern Site Access	+57	+58
Westwood Heath Road/Bockendon Road	+54	+56
Kirby Corner Road/Gibbett Hill Road	+38	+50
Flechamstead HWY/Kenilworth Road	+22	+17
Gibbett Hill Road/Kenilworth Road	+6	+14
Leamington Road/St Michaels Road	+18	+12
A46/Stoneleigh Road	+6	+14

Table 4.6: Option 2 – 100 Residential Development Traffic Flow Changes

Junction	<b>Option 3A - 135 I</b>	Residential Units
	AM Peak	PM Peak
Cromwell Lane/Westwood Heath Road	+5	+8
Western Site Access	+42	+43
Eastern Site Access	+77	+78
Westwood Heath Road/Bockendon Road	+73	+76
Kirby Corner Road/Gibbett Hill Road	+51	+68
Flechamstead HWY/Kenilworth Road	+30	+22
Gibbett Hill Road/Kenilworth Road	+8	+19
Leamington Road/St Michaels Road	+24	+16
A46/Stoneleigh Road	+8	+19

Table 4.7: Option 3A – 135 Residential Development Traffic Flow Changes

Junction	Option 3B - 150 I	Residential Units
	AM Peak	PM Peak
Cromwell Lane/Westwood Heath Road	+6	+9
Western Site Access	+47	+48
Eastern Site Access	+86	+87
Westwood Heath Road/Bockendon Road	+81	+84
Kirby Corner Road/Gibbett Hill Road	+57	+75
Flechamstead HWY/Kenilworth Road	+33	+25
Gibbett Hill Road/Kenilworth Road	+9	+21
Leamington Road/St Michaels Road	+27	+18
A46/Stoneleigh Road	+9	+21

**Table 4.8:** Option 3B – 150 Residential Development Traffic Flow Changes

- 4.15 **Tables 4.5 to 4.8** confirm that the increase in vehicular traffic on the local highway network will be minimal when compared to the previously assessed and approved traffic flows associated with the consented 425 residential scheme.
- 4.16 Across the phase 2 development options the estimated increase in the number of vehicle movements to/from the site ranges from +30 to +90 two-way movements in each of the peak periods. When compared to WCC's strategic model baseline traffic flows for each of the peak periods this additional traffic is considered to be minimal. For ease of reference the County model estimated the following traffic flows on Westward Heath Road:
  - in the AM peak, a two-way traffic flow of 1,196 vehicles (Passenger Car Units)
  - in the PM peak, a two-way traffic flow of 1,032 vehicles (Passenger Car Units)
- 4.17 These baseline traffic flows formed the foundation of the TA for the 425 residential development assessment, which in turn estimated the following "Base plus Local Plan plus Development" traffic flows on Westward Heath Road:
  - in the AM peak, a two-way traffic flow of 1,788 vehicles (Passenger Car Units)
  - in the PM peak, a two-way traffic flow of 1,580 vehicles (Passenger Car Units)
- 4.18 When compared to the AM and PM peak traffic flows presented above (1,788 and 1,580 vehicles) and increase of +30 to +90 vehicles equates to a percentage increase in each of the peak periods of:
  - in the AM peak, between 1.7% and 5%
  - in the PM peak, between 1.9% and 5.7%
- 4.19 The above change in traffic flows on the network is the "worst case" assessment as it presents the highest level of changes to traffic flows on the network on the Westwood Heath Road corridor. As the Phase 2 development traffic is distributed and dissipates across the network the overall impact (in traffic flow terms) will reduce, as shown in **tables 4.5 to 4.8**.

- 4.20 As a footnote to this assessment, a "snapshot" of traffic conditions on Westwood Heath Road in February/March 2023 confirmed that the recorded two-way traffic flows on this corridor were materially lower than the flows predicted by the WCC County model presented in paragraph 4.16. The average neutral weekday two-way traffic flows for the peak periods are:
  - in the AM peak, a two-way traffic flow of 766 vehicles (Passenger Car Units)
  - in the PM peak, a two-way traffic flow of 674 vehicles (Passenger Car Units)
- 4.21 The full seven-day traffic flow dataset is presented in **appendix c** and confirms that the recorded traffic flows are currently circa 65% of the predicted baseline traffic flows set out in the WCC strategic model.
- 4.22 With these strategic model flows forming an integral part of the modelling assessment for the previously approved 425 residential scheme this latest traffic survey indicates significant levels of "capacity headroom" on the local highway network.
- 4.23 This could, in turn, accommodate the Phase 2 development range of +30 to +90 additional traffic movements on Westward Heath Road without any degradation to capacity, delay or other highway performance matters on the local highway network.
- 4.24 Whilst any future Phase 2 development at the Westwood Park site would need to be supported by a planning application, with supporting technical information in the form of a Transport Statement or Transport Assessment. From the development trip rate assessment and a review of the previously agreed traffic flow data from the 425 residential scheme there are no technical matters, in traffic and transport terms that would preclude a Phase 2 development scheme coming forward.

### 5.0 CONCLUSIONS

- 5.1 SK Transport Planning Ltd (SKTP) has been commissioned by Crest Nicholson (the client) to prepare a Transport Note (TN) that considers the client's vision to deliver a modest addition to the housing numbers over and above the consented 425 residential, convenience store, open space and allotment scheme known as Westwood Park.
- 5.2 The site was allocated for residential development in the Warwick District Local Plan. The site (identified as H42 in the Local Plan) was identified by Warwick District Council (WDC) and Warwickshire County Council (WCC) as a site suitable for residential development for up to 425 residential units. This position was endorsed by the Planning Inspector through the 2016 Local Plan Examination.
- 5.3 All parties were supportive of the allocation, and this support has progressed through the granting of a hybrid planning permission for a detailed phase 1 of 129no. dwellings and a subsequent outline phase for the remaining 296no. dwellings (ref. W/17/2357). Agreement was reached with both WCC and Coventry City Council (CCC) Highways teams that a residential development of 425 units, plus convenience store could come forward without a 'severe' impact (the National Planning Policy test) on the surrounding highway network.
- 5.4 This TN confirms that both CCC and WCC, when assessing the planning application for the 425 residential unit scheme agreed that the site was sustainably located, that there were appropriate opportunities for end occupiers of the development to walk, cycle and use public transport as alternatives to the private car. The access strategy to the site was agreed, and a sustainable access mitigation package was also prepared and agreed with both Council's.
- 5.5 The opportunity to provide a further phase of development at the site, in a sustainable location and to provide much needed housing in the local area is seen as a key opportunity.

- 5.6 The quantum of development varies depending on which of the four development options are progressed. In all assessment scenarios the impact, in terms of additional traffic volumes at each of the previously assessed junctions is not considered to be material or of a level that would cause a material change in the performance or operation of the local highway network. In all options the impact of an additional phase of development at Westwood Park would not be "severe", the test taken from the NPPF.
- 5.7 To conclude the site promotion team look forward to discussing the findings in this TN and the information presented in the accompanying Vision Statement at an appropriate time.

PLAN 1



Westwood Heath Road, Warwickshire Plan 1 - Site Location Crest Strategic Projects

PLAN 2



:\\Mac\Home\Dropbox\Project Work\Westwood Heath Road\SK21222-01 180816.dwg Plot Date :28 August 2016 02:56:51 File Name AutoCAD

**APPENDIX A** 









**APPENDIX B** 









**APPENDIX C** 

LOCATION: WESTWARD HEATH ROAD

C	Direction :	EASTBOL	JND											
PCU Factors	1	0.4	0.2	1	1	1	2.3	2.3	2.3	2.3	2.3	2.3	2.3	
Saturday 25/02/2023						VEHICLE	E CLASSIF	CATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	10	0	0	0	0	0	0	0	0	0	0	0	0	10
2	4	0	0	0	0	0	0	0	0	0	0	0	0	4
3	3	0.4	0	0	0	0	0	0	0	0	0	0	0	3.4
4	2	0	0	0	0	0	0	0	0	0	0	0	0	2
5	1	0.4	0	0	0	0	0	0	0	0	0	0	0	1.4
6	7	0	0	0	0	0	0	0	0	0	0	0	0	7
7	20	0.4	0	0	0	0	0	0	0	0	0	0	0	20.4
8	49	2.8	0	0	0	0	0	0	2.3	0	0	4.6	0	58.7
9	100	3.2	0	0	0	0	0	0	0	0	0	2.3	0	105.5
10	155	7.2	0.2	0	0	0	0	0	0	0	0	4.6	0	167
11	163	2.8	0	1	0	0	0	0	0	0	0	2.3	0	169.1
12	176	6.4	0	0	0	0	0	0	0	0	0	4.6	0	187
13	157	4.8	0	0	0	0	0	0	0	0	0	2.3	0	164.1
14	118	4	0	0	0	0	0	0	0	0	0	2.3	0	124.3
15	140	6	0	0	0	0	0	0	0	0	0	2.3	0	148.3
16	113	3.6	0	0	0	0	0	0	0	0	0	2.3	0	118.9
17	117	1.6	0	0	0	0	0	0	0	0	0	2.3	0	120.9
18	100	4	0	0	0	0	0	0	0	0	0	2.3	0	106.3
19	102	3.2	0	0	0	0	0	0	0	0	0	0	0	105.2
20	103	2.8	0	0	0	0	0	0	0	0	0	2.3	0	108.1
21	42	1.2	0	0	0	0	0	0	0	0	0	2.3	0	45.5
22	25	0.4	0	0	0	0	0	0	0	0	0	0	0	25.4
23	29	1.2	0	0	0	0	0	0	0	0	0	0	0	30.2
24	23	0.4	0	0	0	0	0	0	0	0	0	0	0	23.4
7-19	1490	50	0	1	0	0	0	0	2	0	0	32	0	1575
6-22	1680	54	0	1	0	0	0	0	2	0	0	37	0	1775
6-24	1732	56	0	1	0	0	0	0	2	0	0	37	0	1828
0-24	1759	57	0	1	0	0	0	0	2	0	0	37	0	1856
024	100	01							2		5	01		1000

Direction: WESTBOUND

Saturday 25/02/2023						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	11	1.6	0	0	0	0	0	0	0	0	0	0	0	12.6
2	6	0.4	0	0	0	0	0	0	0	0	0	0	0	6.4
3	4	0.8	0	0	0	0	0	0	0	0	0	0	0	4.8
4	4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	1	1.2	0	0	0	0	0	0	0	0	0	0	0	2.2
6	3	0	0	0	0	0	0	0	0	0	0	0	0	3
7	7	0.8	0	0	1	0	0	0	0	0	0	0	0	8.8
8	8	3.2	0	0	0	0	0	0	0	0	0	2.3	0	13.5
9	58	8	0	0	0	0	0	0	0	0	0	0	0	66
10	106	5.6	0	0	0	0	0	0	0	0	0	0	0	111.6
11	199	6	0	0	0	0	0	0	0	0	0	0	0	205
12	180	5.2	0	0	0	0	0	0	0	0	0	0	0	185.2
13	198	4.4	0.2	0	0	0	0	0	0	0	0	0	0	202.6
14	189	3.6	0	0	0	0	0	0	0	0	0	0	0	192.6
15	127	5.6	0	0	0	0	0	0	0	0	0	0	0	132.6
16	158	4.8	0	0	0	0	0	0	0	0	0	0	0	162.8
17	157	6	0	0	0	0	0	0	0	0	0	0	0	163
18	122	3.2	0	0	0	0	0	0	0	0	0	2.3	0	127.5
19	90	6	0	0	0	0	0	0	0	0	0	0	0	96
20	59	4.4	0	0	1	0	0	0	0	0	0	2.3	0	66.7
21	52	3.2	0	0	0	0	0	0	0	0	0	0	0	55.2
22	23	1.2	0	0	0	0	0	0	0	0	0	0	0	24.2
23	85	3.2	0	0	0	0	0	0	0	0	0	0	0	88.2
24	19	0.4	0	0	0	0	0	0	0	0	0	0	0	19.4
7-19	1592	62	0	0	0	0	0	0	0	0	0	5	0	1658
6-22	1733	71	0	0	2	0	0	0	0	0	0	7	0	1813
6-24	1837	75	0	0	2	0	0	0	0	0	0	7	0	1921
0-24	1866	79	0	0	2	0	0	0	0	0	0	7	0	1954

LOCATION: WESTWARD HEATH ROAD

Direction: EASTBOUND

Saturday 25/02/2023					١	/EHICLE S	PEED (MPH	ł)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	2	3	2	1	1	1	0	0	0	0	10
2	0	0	2	2	0	0	0	0	0	0	0	0	4
3	0	1	2	1	0	0	0	0	0	0	0	0	4
4	0	0	1	0	0	1	0	0	0	0	0	0	2
5	0	0	1	0	0	0	1	0	0	0	0	0	2
6	0	0	1	3	2	1	0	0	0	0	0	0	7
7	0	0	1	9	6	3	2	0	0	0	0	0	21
8	0	0	14	16	19	8	2	0	0	0	0	0	59
9	0	2	16	29	40	15	7	0	0	0	0	0	109
10	0	3	15	73	61	17	4	2	1	0	0	0	176
11	0	2	25	73	45	18	9	0	0	0	0	0	172
12	0	1	34	81	52	23	2	1	0	0	0	0	194
13	1	1	23	75	44	22	4	0	0	0	0	0	170
14	0	2	17	57	32	18	1	1	0	1	0	0	129
15	0	1	28	64	41	21	1	0	0	0	0	0	156
16	0	3	15	50	42	11	1	1	0	0	0	0	123
17	0	1	20	46	29	17	7	1	0	1	0	0	122
18	0	0	19	43	32	13	4	0	0	0	0	0	111
19	0	1	27	41	25	7	8	1	0	0	0	0	110
20	0	2	24	46	19	15	5	0	0	0	0	0	111
21	0	1	8	15	11	5	4	2	0	0	0	0	46
22	0	1	3	10	8	3	0	0	0	0	1	0	26
23	0	0	9	12	5	3	2	1	0	0	0	0	32
24	0	0	4	13	5	1	1	0	0	0	0	0	24
7-19	1	17	253	648	462	190	50	7	1	2	0	0	1631
6-22	1	21	289	728	506	216	61	9	1	2	1	0	1835
6-24	1	21	302	753	516	220	64	10	1	2	1	0	1891
0-24	1	22	311	762	520	223	66	11	1	2	1	0	1920

Direction: WESTBOUND

Saturday 25/02/2023					٧	EHICLE SI	PEED (MPH	ł)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	4	5	3	2	1	0	0	0	0	0	15
2	0	0	1	4	1	0	0	1	0	0	0	0	7
3	0	1	1	2	2	0	0	0	0	0	0	0	6
4	0	0	1	2	0	0	1	0	0	0	0	0	4
5	0	0	1	0	1	1	1	0	0	0	0	0	4
6	0	0	0	0	1	1	0	1	0	0	0	0	3
7	0	0	1	3	1	5	0	0	0	0	0	0	10
8	0	1	2	7	4	1	2	0	0	0	0	0	17
9	0	1	15	28	19	14	1	0	0	0	0	0	78
10	0	2	17	33	37	19	10	2	0	0	0	0	120
11	0	1	24	96	67	17	8	0	1	0	0	0	214
12	1	1	29	90	49	12	8	2	1	0	0	0	193
13	0	0	49	58	79	16	7	1	0	0	0	0	210
14	0	0	19	79	79	16	3	1	0	1	0	0	198
15	0	1	26	42	36	24	9	1	1	1	0	0	141
16	0	1	24	57	63	17	4	4	0	0	0	0	170
17	0	2	25	70	44	21	7	3	0	0	0	0	172
18	0	0	16	52	34	18	8	2	0	1	0	0	131
19	0	1	16	39	26	14	4	5	0	0	0	0	105
20	0	0	13	33	13	9	2	2	0	0	0	0	72
21	0	0	6	19	14	13	5	1	1	1	0	0	60
22	0	0	3	11	4	7	0	1	0	0	0	0	26
23	0	0	29	43	15	6	0	0	0	0	0	0	93
24	0	1	4	7	4	2	2	0	0	0	0	0	20
7-19	1	11	262	651	537	189	71	21	3	3	0	0	1749
6-22	1	11	285	717	569	223	78	25	4	4	0	0	1917
6-24	1	12	318	767	588	231	80	25	4	4	0	0	2030
0-24	1	13	326	780	596	235	83	27	4	4	0	0	2069

# LOCATION: WESTWARD HEATH ROAD

Direction : EASTBOUND

Sunday 26/02/2023						VEHICLE	E CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	1
1	15	0.4	0	0	0	0	0	0	0	0	0	0	0	15.4
2	7	0	0	0	0	0	0	0	0	0	0	0	0	7
3	1	0	0	0	0	0	0	0	0	0	0	0	0	1
4	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5	4	0	0	0	0	0	0	0	0	0	0	0	0	4
6	4	0	0	0	0	0	0	0	0	0	0	0	0	4
7	13	0	0	0	0	0	0	0	0	0	0	0	0	13
8	24	1.2	0	0	0	0	0	0	0	0	0	0	0	25.2
9	41	2	0	0	0	0	0	0	0	0	0	2.3	0	45.3
10	108	4	0	0	0	0	0	0	0	0	0	0	0	112
11	160	2.8	0	0	0	0	0	0	0	0	0	0	0	162.8
12	149	4	0	0	0	0	0	0	0	0	0	0	0	153
13	150	2.4	0	0	0	0	0	0	0	0	0	0	0	152.4
14	160	3.6	0	0	0	0	0	0	0	0	0	0	0	163.6
15	126	3.2	0	0	0	0	0	0	0	0	0	0	0	129.2
16	139	2.4	0	0	0	0	0	0	0	0	0	0	0	141.4
17	95	3.2	0	0	0	0	0	0	0	0	0	0	0	98.2
18	77	2.4	0	0	0	0	0	0	0	0	0	0	0	79.4
19	69	2.8	0	0	0	0	0	0	0	0	0	0	0	71.8
20	42	1.2	0	0	0	0	0	0	0	0	0	0	0	43.2
21	38	0.4	0	0	0	0	0	0	0	0	0	0	0	38.4
22	22	0.8	0	0	0	0	0	0	0	0	0	0	0	22.8
23	9	0.4	0	0	0	0	0	0	0	0	0	0	0	9.4
24	12	0	0	0	0	0	0	0	0	0	0	0	0	12
7-19	1298	34	0	0	0	0	0	0	0	0	0	2	0	1334
6-22	1413	36	0	0	0	0	0	0	0	0	0	2	0	1452
6-24	1434	37	0	0	0	0	0	0	0	0	0	2	0	1473
0-24	1466	37	0	0	0	0	0	0	0	0	0	2	0	1506

#### Direction: WESTBOUND

Sunday 26/02/2023						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	16	2.4	0	0	0	0	0	0	0	0	0	0	0	18.4
2	5	0.4	0	0	0	0	0	0	0	0	0	0	0	5.4
3	3	2	0	0	0	0	0	0	0	0	0	2.3	0	7.3
4	2	0.4	0	0	0	0	0	0	0	0	0	0	0	2.4
5	1	0	0	0	0	0	0	0	0	0	0	0	0	1
6	1	0	0	0	0	0	0	0	0	0	0	0	0	1
7	5	0.4	0	0	0	0	0	0	0	0	0	0	0	5.4
8	8	2	0	0	0	0	0	0	0	0	0	0	0	10
9	39	2.4	0	0	0	0	0	0	0	0	0	0	0	41.4
10	61	2.8	0	0	0	0	0	0	0	0	0	0	0	63.8
11	99	3.2	0	0	0	0	0	0	0	0	0	0	0	102.2
12	137	4.8	0	0	0	0	0	0	0	0	0	0	0	141.8
13	176	10	0	0	0	0	0	0	0	0	0	0	0	186
14	160	4	0	0	0	0	0	0	0	0	0	0	0	164
15	122	4.4	0	0	0	0	0	0	0	0	0	0	0	126.4
16	160	4	0	0	0	0	0	0	0	0	0	0	0	164
17	127	3.6	0	0	0	0	0	0	0	0	0	2.3	0	132.9
18	115	5.6	0	0	0	0	0	0	0	0	0	0	0	120.6
19	77	4.4	0	0	0	0	0	0	0	0	0	0	0	81.4
20	58	2	0	0	0	0	0	0	0	0	0	0	0	60
21	39	3.6	0	0	0	0	0	0	0	0	0	0	0	42.6
22	25	2.4	0	0	0	0	0	0	0	0	0	0	0	27.4
23	13	0.4	0	0	0	0	0	0	0	0	0	0	0	13.4
24	11	1.2	0	0	0	0	0	0	0	0	0	0	0	12.2
				-									-	
7-19	1281	51	0	0	0	0	0	0	0	0	0	2	0	1335
6-22	1408	60	0	0	0	0	0	0	0	0	0	2	0	1470
6-24	1432	61	0	0	0	0	0	0	0	0	0	2	0	1496
0-24	1460	66	0	0	0	0	0	0	0	0	0	5	0	1531

# LOCATION: WESTWARD HEATH ROAD

Direction : EASTBOUND

Sunday 26/02/2023					١	EHICLE S	PEED (MPH	ł)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	6	7	2	1	0	0	0	0	0	0	16
2	0	0	2	1	3	1	0	0	0	0	0	0	7
3	0	0	0	0	0	1	0	0	0	0	0	0	1
4	0	0	0	0	0	1	0	0	0	0	0	0	1
5	0	0	2	0	0	1	0	1	0	0	0	0	4
6	0	0	1	0	2	1	0	0	0	0	0	0	4
7	0	0	0	2	8	2	1	0	0	0	0	0	13
8	0	0	6	7	8	4	1	1	0	0	0	0	27
9	0	0	7	17	15	6	2	0	0	0	0	0	47
10	1	2	11	48	34	20	2	0	0	0	0	0	118
11	0	2	17	56	68	18	6	0	0	0	0	0	167
12	0	5	17	55	53	20	8	1	0	0	0	0	159
13	0	6	24	59	47	15	4	1	0	0	0	0	156
14	0	0	28	66	49	16	7	3	0	0	0	0	169
15	0	5	15	54	41	12	6	1	0	0	0	0	134
16	0	0	28	58	39	19	0	1	0	0	0	0	145
17	0	1	19	41	28	9	4	1	0	0	0	0	103
18	0	2	12	33	24	9	2	1	0	0	0	0	83
19	0	2	12	27	26	6	1	2	0	0	0	0	76
20	0	0	3	16	18	2	2	2	1	1	0	0	45
21	0	0	1	14	14	3	4	2	0	1	0	0	39
22	1	0	4	6	7	5	1	0	0	0	0	0	24
23	0	0	1	5	2	2	0	0	0	0	0	0	10
24	0	0	2	5	2	2	0	1	0	0	0	0	12
		-							-		-		
7-19	1	25	196	521	432	154	43	12	0	0	0	0	1384
6-22	2	25	204	559	479	166	51	16	1	2	0	0	1505
6-24	2	25	207	569	483	170	51	17	1	2	0	0	1527
0-24	2	25	218	577	490	176	51	18	1	2	0	0	1560

#### Direction: WESTBOUND

Sunday 26/02/2023	VEHICLE SPEED (MPH)												TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	1	2	9	5	2	3	0	0	0	0	0	22
2	0	0	3	2	0	1	0	0	0	0	0	0	6
3	0	0	2	4	1	0	2	0	0	0	0	0	9
4	0	0	1	1	0	0	0	0	1	0	0	0	3
5	0	0	0	0	0	0	1	0	0	0	0	0	1
6	0	0	0	0	0	0	0	1	0	0	0	0	1
7	0	0	0	2	2	1	1	0	0	0	0	0	6
8	0	0	4	5	0	2	1	1	0	0	0	0	13
9	0	0	13	13	11	2	3	1	2	0	0	0	45
10	2	2	13	28	10	10	3	0	0	0	0	0	68
11	1	0	12	34	37	15	6	1	1	0	0	0	107
12	1	2	16	61	55	11	2	1	0	0	0	0	149
13	0	4	24	83	67	17	3	3	0	0	0	0	201
14	0	0	26	44	71	23	5	1	0	0	0	0	170
15	0	0	18	42	40	22	7	3	1	0	0	0	133
16	0	0	15	56	64	25	7	1	1	1	0	0	170
17	0	1	19	38	52	22	3	2	0	0	0	0	137
18	0	1	13	43	42	23	4	2	0	1	0	0	129
19	0	1	9	24	27	14	8	3	2	0	0	0	88
20	0	1	5	16	25	10	3	1	2	0	0	0	63
21	0	0	11	9	12	9	4	2	1	0	0	0	48
22	0	0	9	14	5	3	0	0	0	0	0	0	31
23	0	0	1	3	6	2	1	1	0	0	0	0	14
24	0	0	4	2	2	3	2	1	0	0	0	0	14
7-19	4	11	182	471	476	186	52	19	7	2	0	0	1410
6-22	4	12	207	512	520	209	60	22	10	2	0	0	1558
6-24	4	12	212	517	528	214	63	24	10	2	0	0	1586
0-24	4	13	220	533	534	217	69	25	11	2	0	0	1628
### LOCATION: WESTWARD HEATH ROAD

Direction : EASTBOUND

Monday 27/02/2023						VEHICLE	ECLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	3	0.4	0	0	0	0	0	0	0	0	0	0	0	3.4
2	0	0.4	0	0	0	0	0	0	0	0	0	0	0	0.4
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2	0	0	0	0	0	0	0	0	0	0	0	0	2
5	5	0.4	0	0	0	0	0	0	0	0	0	0	0	5.4
6	29	1.2	0	0	0	0	0	0	0	0	0	0	0	30.2
7	67	3.6	0	0	1	0	0	0	0	0	0	0	0	71.6
8	283	10.8	0	0	0	0	0	0	0	0	0	2.3	0	296.1
9	450	12.4	0	0	0	0	0	0	2.3	0	0	4.6	0	469.3
10	225	11.2	0	0	0	0	0	0	0	0	0	0	0	236.2
11	129	10	0	0	0	0	0	0	0	0	0	4.6	0	143.6
12	117	10	0	0	1	0	0	0	0	0	0	4.6	0	132.6
13	104	8	0	0	0	0	2.3	0	0	0	0	2.3	0	116.6
14	117	7.2	0	0	0	0	0	0	2.3	0	0	4.6	0	131.1
15	116	7.6	0	0	0	0	0	0	0	0	0	2.3	0	125.9
16	144	7.2	0	0	1	0	0	0	0	0	0	2.3	0	154.5
17	161	8.8	0	0	0	0	0	0	0	0	0	2.3	0	172.1
18	175	4	0.2	0	0	0	0	0	0	0	0	2.3	0	181.5
19	127	5.6	0	0	0	0	0	0	0	0	0	2.3	0	134.9
20	83	4.4	0	0	0	0	0	0	0	0	0	2.3	0	89.7
21	68	1.6	0	1	0	0	0	0	0	0	0	0	0	70.6
22	44	0.8	0	0	0	0	0	0	0	0	0	0	0	44.8
23	19	1.2	0	0	0	0	0	0	0	0	0	0	0	20.2
24	7	0	0	0	0	0	0	0	0	0	0	0	0	7
									_					
7-19	2148	103	0	0	2	0	2	0	5	0	0	35	0	2294
6-22	2410	113	0	1	3	0	2	0	5	0	0	37	0	2571
6-24	2436	114	0	1	3	0	2	0	5	0	0	37	0	2598
0-24	2475	117	0	1	3	0	2	0	5	0	0	37	0	2640

#### Direction: WESTBOUND

Monday 27/02/2023						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	2	0.4	0	0	0	0	0	0	0	0	0	0	0	2.4
2	1	0	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5	4	0	0	0	0	0	0	0	0	0	0	0	0	4
6	4	0.4	0	0	0	0	0	0	0	0	0	0	0	4.4
7	16	3.2	0	0	0	0	0	0	0	0	0	0	0	19.2
8	117	8	0.6	0	0	0	0	0	0	0	0	0	0	125.6
9	190	7.6	0.4	0	0	0	0	0	0	0	0	2.3	0	200.3
10	117	6.4	0	0	1	0	0	0	0	0	0	0	0	124.4
11	104	6.8	0	0	1	0	0	0	0	0	0	2.3	0	114.1
12	122	5.2	0.2	0	0	0	0	0	0	0	0	0	0	127.4
13	122	8	0	0	0	0	0	0	0	0	0	2.3	0	132.3
14	184	6	0.4	0	0	0	0	0	0	0	0	0	0	190.4
15	151	5.6	0	0	0	0	0	0	0	0	0	2.3	0	158.9
16	229	8.8	0	0	0	0	0	0	0	0	0	4.6	0	242.4
17	461	12.8	0.2	0	1	0	0	2.3	0	0	0	6.9	0	484.2
18	453	8.8	0	0	0	0	0	0	0	0	0	0	0	461.8
19	209	7.2	0.2	0	0	0	0	2.3	0	0	0	2.3	0	221
20	116	4.4	0	0	0	0	0	0	0	0	0	2.3	0	122.7
21	71	2.8	0.2	0	0	0	0	0	0	0	0	0	0	74
22	63	2	0.2	0	0	0	0	0	0	0	0	0	0	65.2
23	23	0.4	0.2	0	0	0	0	0	0	0	0	0	0	23.6
24	12	1.2	0	0	0	0	0	0	0	0	0	0	0	13.2
7-19	2459	91	2	0	3	0	0	5	0	0	0	23	0	2583
6-22	2725	104	2	0	3	0	0	5	0	0	0	25	0	2864
6-24	2760	105	3	0	3	0	0	5	0	0	0	25	0	2901
0-24	2772	106	3	0	3	0	0	5	0	0	0	25	0	2914

### LOCATION: WESTWARD HEATH ROAD

#### Direction : EASTBOUND

Monday 27/02/2023					١	EHICLE S	PEED (MPH	ł)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	1	2	1	0	0	0	0	0	0	0	0	4
2	0	0	0	0	1	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	1	1	0	0	0	0	2
5	0	0	1	1	3	1	0	0	0	0	0	0	6
6	0	0	2	9	11	7	2	0	1	0	0	0	32
7	0	1	8	28	22	14	1	2	0	1	0	0	77
8	0	2	47	135	98	24	3	1	1	0	0	0	311
9	0	7	135	211	109	20	2	0	0	0	0	0	484
10	2	3	69	111	53	12	2	1	0	0	0	0	253
11	0	0	57	64	29	6	0	0	0	0	0	0	156
12	0	5	41	48	39	11	1	0	0	0	0	0	145
13	0	0	35	56	27	7	0	1	0	0	0	0	126
14	0	1	28	55	45	7	1	1	0	0	0	0	138
15	0	0	33	61	25	13	3	1	0	0	0	0	136
16	0	3	38	61	44	14	3	0	1	0	0	0	164
17	0	1	33	85	47	12	3	2	1	0	0	0	184
18	0	1	48	76	37	20	3	2	0	0	0	0	187
19	0	2	29	75	28	5	1	2	0	0	0	0	142
20	0	0	23	41	19	9	2	0	1	0	0	0	95
21	0	2	22	29	9	9	1	1	0	0	0	0	73
22	0	1	4	21	13	4	3	0	0	0	0	0	46
23	0	0	10	5	1	3	2	1	0	0	0	0	22
24	0	0	0	1	2	1	1	1	0	0	0	1	7
					-	-	-	-					
7-19	2	25	593	1038	581	151	22	11	3	0	0	0	2426
6-22	2	29	650	1157	644	187	29	14	4	1	0	0	2717
6-24	2	29	660	1163	647	191	32	16	4	1	0	1	2746
0-24	2	30	665	1174	662	199	35	17	5	1	0	1	2791

#### Direction: WESTBOUND

Monday 27/02/2023					١	/EHICLE SI	PEED (MPH	I)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	1	1	1	0	0	0	0	0	0	0	3
2	0	0	1	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	1	0	0	0	0	0	0	0	1
5	0	0	0	2	1	1	0	0	0	0	0	0	4
6	0	0	0	0	2	3	0	0	0	0	0	0	5
7	0	0	2	12	5	4	0	0	0	0	1	0	24
8	0	0	19	55	43	18	3	2	0	0	0	0	140
9	0	6	41	59	80	21	5	0	0	0	0	0	212
10	0	3	21	50	40	17	2	1	0	0	0	0	134
11	1	5	26	58	18	11	3	1	0	0	0	0	123
12	0	0	24	74	27	7	4	0	0	0	0	0	136
13	0	4	29	59	41	7	1	1	0	1	0	0	143
14	0	1	35	111	47	6	1	0	0	0	0	0	201
15	0	3	35	73	43	10	1	1	0	0	0	0	166
16	0	2	36	71	91	41	11	0	1	0	0	0	253
17	2	0	68	271	134	20	2	2	0	0	0	0	499
18	1	0	128	223	95	22	4	2	0	0	0	0	475
19	0	1	33	130	48	11	5	2	0	0	0	0	230
20	0	0	30	44	38	13	0	2	1	0	0	0	128
21	0	1	17	30	18	7	5	1	0	0	0	0	79
22	0	0	4	28	28	7	2	0	0	0	0	0	69
23	0	0	3	8	11	0	2	0	1	0	0	0	25
24	0	0	1	1	2	6	2	2	0	0	0	1	15
											_		
7-19	4	25	495	1234	707	191	42	12	1	1	0	0	2712
6-22	4	26	548	1348	796	222	49	15	2	1	1	0	3012
6-24	4	26	552	1357	809	228	53	17	3	1	1	1	3052
0-24	4	26	554	1360	814	232	53	17	3	1	1	1	3066

### LOCATION: WESTWARD HEATH ROAD

#### Direction : EASTBOUND

Tuesday 28/02/2023						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	3	0.4	0	0	0	0	0	0	0	0	0	0	0	3.4
2	1	0	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0.4	0	0	0	0	0	0	0	0	0	0	0	0.4
4	1	0.4	0	0	0	0	0	0	0	0	0	0	0	1.4
5	1	0.8	0	0	0	0	0	0	0	0	0	0	0	1.8
6	31	1.6	0	0	0	0	0	0	0	0	0	0	0	32.6
7	76	4	0	0	0	0	0	0	0	0	0	0	0	80
8	279	18.8	0	0	0	0	2.3	0	0	0	0	4.6	0	304.7
9	556	18.4	0	0	0	0	0	2.3	0	0	0	2.3	0	579
10	268	12.4	0	0	0	0	0	0	0	0	0	4.6	0	285
11	147	10.4	0	0	1	0	0	2.3	0	0	0	2.3	0	163
12	134	8.8	0	0	0	0	0	0	0	0	0	2.3	0	145.1
13	118	7.2	0	0	0	0	0	0	0	0	0	9.2	0	134.4
14	128	8	0.2	0	0	0	0	0	0	0	0	4.6	0	140.8
15	123	6.4	0	0	0	0	0	0	0	0	0	4.6	0	134
16	166	7.2	0	0	0	0	0	0	0	0	0	2.3	0	175.5
17	153	7.6	0	0	0	0	0	0	0	0	0	2.3	0	162.9
18	195	6.4	0	0	0	0	0	0	0	0	0	0	0	201.4
19	160	6	0	0	0	0	0	0	0	0	0	2.3	0	168.3
20	117	3.2	0	0	0	0	0	0	0	0	0	2.3	0	122.5
21	51	1.6	0	0	0	0	0	0	0	0	0	0	0	52.6
22	34	3.2	0	0	0	0	0	0	0	0	0	0	0	37.2
23	34	0.4	0	0	0	0	0	0	0	0	0	0	0	34.4
24	8	0	0	0	0	0	0	0	0	0	0	0	0	8
													-	
7-19	2427	118	0	0	1	0	2	5	0	0	0	41	0	2594
6-22	2705	130	0	0	1	0	2	5	0	0	0	44	0	2886
6-24	2747	130	0	0	1	0	2	5	0	0	0	44	0	2929
0-24	2784	134	0	0	1	0	2	5	0	0	0	44	0	2969

#### Direction: WESTBOUND

Tuesday 28/02/2023						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	4	0.4	0	0	0	0	0	0	0	0	0	0	0	4.4
2	1	0	0	0	0	0	0	0	0	0	0	0	0	1
3	3	0.4	0	0	0	0	0	0	0	0	0	0	0	3.4
4	0	0.8	0	0	0	0	0	0	0	0	0	0	0	0.8
5	0	2	0	0	0	0	0	0	0	0	0	0	0	2
6	9	0.8	0.2	0	0	0	0	0	0	0	0	0	0	10
7	25	3.6	0	0	0	0	0	0	0	0	0	0	0	28.6
8	134	5.6	0	0	0	0	0	0	0	0	0	0	0	139.6
9	224	8.8	0.8	0	0	0	0	0	0	0	0	2.3	0	235.9
10	136	6.4	0.2	0	0	0	0	0	0	0	0	2.3	0	144.9
11	140	4.8	0	0	0	0	0	0	0	0	0	2.3	0	147.1
12	156	6.8	0	0	1	0	0	0	0	0	0	6.9	0	170.7
13	163	5.2	0.2	0	0	0	0	0	2.3	0	0	0	0	170.7
14	172	8	0	0	0	0	0	0	0	0	0	0	0	180
15	177	5.2	0.2	0	1	0	0	0	0	0	0	2.3	0	185.7
16	270	10	0	0	0	0	0	0	0	0	0	0	0	280
17	508	13.6	0.2	0	0	0	0	0	0	0	0	2.3	0	524.1
18	459	8.8	0	0	0	0	0	0	0	0	0	0	0	467.8
19	239	6.4	0.2	0	0	0	0	0	0	0	0	0	0	245.6
20	133	4.8	0	0	0	0	0	0	0	0	0	2.3	0	140.1
21	84	1.2	0.2	0	0	0	0	0	0	0	0	0	0	85.4
22	36	2	0.4	0	0	0	0	0	0	0	0	0	0	38.4
23	44	2	0	0	0	0	0	0	0	0	0	0	0	46
24	14	0.8	0	0	0	0	0	0	0	0	0	0	0	14.8
7-19	2778	90	2	0	2	0	0	0	2	0	0	18	0	2892
6-22	3056	101	2	0	2	0	0	0	2	0	0	21	0	3185
6-24	3114	104	2	0	2	0	0	0	2	0	0	21	0	3245
0-24	3131	108	3	0	2	0	0	0	2	0	0	21	0	3267

### LOCATION: WESTWARD HEATH ROAD

#### Direction : EASTBOUND

Tuesday 28/02/2023					١	EHICLE S	PEED (MPH	ł)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	1	2	0	1	0	0	0	0	0	0	4
2	0	0	1	0	0	0	0	0	0	0	0	0	1
3	0	1	0	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	1	1	0	0	0	0	2
5	0	0	1	0	0	0	2	0	0	0	0	0	3
6	0	0	8	6	11	8	1	0	0	0	0	1	35
7	0	0	14	19	19	20	9	3	1	1	0	0	86
8	0	6	66	151	83	20	2	0	0	1	0	0	329
9	0	1	176	302	106	15	4	0	0	0	0	0	604
10	0	1	74	136	65	18	6	0	1	0	0	0	301
11	0	1	47	83	36	9	0	0	0	0	0	0	176
12	0	1	41	70	35	10	0	0	0	0	0	0	157
13	0	2	43	49	30	10	3	3	0	0	0	0	140
14	0	1	42	65	31	9	3	0	0	0	0	0	151
15	0	1	37	53	34	13	3	0	0	0	0	0	141
16	0	1	59	68	33	18	5	1	0	0	0	0	185
17	0	5	34	65	50	15	4	0	0	0	0	0	173
18	0	0	47	84	66	11	2	0	1	0	0	0	211
19	0	0	34	90	37	11	4	0	0	0	0	0	176
20	0	1	19	66	28	7	5	0	0	0	0	0	126
21	0	0	12	20	17	5	0	1	0	0	0	0	55
22	0	0	12	14	9	6	1	0	0	0	0	0	42
23	0	1	3	16	9	4	2	0	0	0	0	0	35
24	0	0	2	4	2	0	0	0	0	0	0	0	8
7-19	0	20	700	1216	606	159	36	4	2	1	0	0	2744
6-22	0	21	757	1335	679	197	51	8	3	2	0	0	3053
6-24	0	22	762	1355	690	201	53	8	3	2	0	0	3096
0-24	0	23	773	1363	701	210	57	9	3	2	0	1	3142

#### Direction: WESTBOUND

Tuesday 28/02/2023					١	EHICLE S	PEED (MPH	ł)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	0	2	3	0	0	0	0	0	0	0	5
2	0	0	0	0	1	0	0	0	0	0	0	0	1
3	0	0	2	2	0	0	0	0	0	0	0	0	4
4	0	0	1	0	1	0	0	0	0	0	0	0	2
5	0	0	1	1	0	1	1	1	0	0	0	0	5
6	0	0	1	6	3	2	0	0	0	0	0	0	12
7	0	0	5	7	10	9	2	1	0	0	0	0	34
8	2	0	42	65	32	7	0	0	0	0	0	0	148
9	1	4	27	102	88	27	2	0	0	0	0	0	251
10	0	4	79	32	32	6	0	1	0	0	0	0	154
11	0	4	33	76	33	7	0	0	0	0	0	0	153
12	0	2	39	74	49	10	2	1	0	0	0	0	177
13	0	0	14	86	52	22	2	1	1	0	0	0	178
14	0	1	33	93	56	7	2	0	0	0	0	0	192
15	1	0	28	100	40	16	6	1	1	0	0	0	193
16	0	1	57	115	88	24	8	1	1	0	0	0	295
17	1	3	153	283	86	14	2	0	2	0	0	0	544
18	0	5	106	242	104	21	3	0	0	0	0	0	481
19	0	8	40	100	92	15	1	0	0	0	0	0	256
20	0	0	18	73	37	10	3	4	1	0	0	0	146
21	0	0	12	45	17	10	4	0	0	0	0	0	88
22	0	0	8	15	11	9	0	0	0	0	0	0	43
23	0	0	10	18	14	5	2	0	0	0	0	0	49
24	0	0	6	3	5	2	0	0	0	0	0	0	16
	-												
7-19	5	32	651	1368	752	176	28	5	5	0	0	0	3022
6-22	5	32	694	1508	827	214	37	10	6	0	0	0	3333
6-24	5	32	710	1529	846	221	39	10	6	0	0	0	3398
0-24	5	32	715	1540	854	224	40	11	6	0	0	0	3427

### LOCATION: WESTWARD HEATH ROAD

Direction: EASTBOUND

Wednesday 01/03/2023						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	8	0	0	0	0	0	0	0	0	0	0	0	0	8
2	1	0	0	0	0	0	0	0	0	0	0	0	0	1
3	1	0	0	0	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	4	0	0	0	0	0	0	0	0	0	0	0	0	4
6	31	2	0	0	0	0	0	0	0	0	0	0	0	33
7	73	5.6	0	0	0	0	0	0	0	0	0	0	0	78.6
8	283	18	0	0	2	0	0	0	0	2.3	0	4.6	0	309.9
9	525	16	0	0	0	0	0	4.6	0	0	0	4.6	0	550.2
10	211	10.8	0	0	0	0	0	0	0	0	0	4.6	0	226.4
11	144	10.4	0	0	1	0	0	0	0	0	0	6.9	0	162.3
12	104	11.6	0	0	0	0	0	0	0	0	0	2.3	0	117.9
13	114	12	0	1	0	0	0	0	0	0	0	4.6	0	131.6
14	119	3.2	0	0	0	0	0	0	0	0	0	4.6	0	126.8
15	123	6.8	0	0	1	0	0	0	0	0	0	4.6	0	135.4
16	138	10.4	0.2	0	0	0	0	0	0	0	0	6.9	0	155.5
17	140	7.6	0	0	3	0	0	0	0	0	0	4.6	0	155.2
18	216	9.2	0.4	0	0	0	0	0	0	0	0	2.3	0	227.9
19	138	6.4	0	0	0	0	0	0	0	0	0	2.3	0	146.7
20	130	3.6	0	0	0	0	0	0	0	0	0	0	0	133.6
21	69	4	0	0	0	0	0	0	0	0	0	0	0	73
22	49	2.4	0	0	0	0	0	0	0	0	0	0	0	51.4
23	22	0.8	0	0	0	0	0	0	0	0	0	0	0	22.8
24	11	0.8	0	0	0	0	0	0	0	0	0	0	0	11.8
7-19	2255	122	1	1	7	0	0	5	0	2	0	53	0	2446
6-22	2576	138	1	1	7	0	0	5	0	2	0	53	0	2782
6-24	2609	140	1	1	7	0	0	5	0	2	0	53	0	2817
0-24	2654	142	1	1	7	0	0	5	0	2	0	53	0	2864

#### Direction: WESTBOUND

Wednesday 01/03/2023						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	3	0	0	0	0	0	0	0	0	0	0	0	0	3
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0.8	0	0	0	0	0	0	0	0	0	0	0	0.8
5	2	0.4	0	0	0	0	0	0	0	0	0	0	0	2.4
6	9	0.8	0	0	0	0	0	0	0	0	0	0	0	9.8
7	16	2	0	0	0	0	0	0	0	0	0	0	0	18
8	127	6.4	0	0	0	0	0	0	0	0	0	0	0	133.4
9	185	8	0.2	0	1	0	0	0	0	0	0	0	0	194.2
10	114	7.6	0	0	0	0	0	0	0	0	0	4.6	0	126.2
11	136	9.2	0	0	0	0	0	0	0	0	0	0	0	145.2
12	124	7.2	0.2	0	0	0	0	2.3	0	0	0	0	0	133.7
13	177	7.6	0	0	1	0	0	0	0	0	0	2.3	0	187.9
14	144	5.6	0	0	0	0	0	0	0	0	0	6.9	0	156.5
15	187	10	0	0	0	0	0	0	0	0	0	2.3	0	199.3
16	301	10.4	0.2	0	0	0	0	2.3	0	0	0	2.3	0	316.2
17	464	11.2	0.4	0	0	0	0	0	0	0	0	0	0	475.6
18	489	8.4	0	0	0	0	0	0	0	0	0	0	0	497.4
19	221	5.2	0	0	0	0	0	0	0	0	0	0	0	226.2
20	136	3.6	0	0	0	0	0	0	0	0	0	0	0	139.6
21	105	2	0.2	0	0	0	0	0	0	0	0	0	0	107.2
22	55	2.8	0	0	0	0	0	0	0	0	0	0	0	57.8
23	40	2.4	0	0	0	0	0	0	0	0	0	0	0	42.4
24	12	1.2	0	0	0	0	0	0	0	0	0	0	0	13.2
7-19	2669	97	1	0	2	0	0	5	0	0	0	18	0	2792
6-22	2981	107	1	0	2	0	0	5	0	0	0	18	0	3114
6-24	3033	111	1	0	2	0	0	5	0	0	0	18	0	3170
0-24	3048	113	1	0	2	0	0	5	0	0	0	18	0	3187

### LOCATION: WESTWARD HEATH ROAD

#### Direction: EASTBOUND

Wednesday 01/03/2023					١	EHICLE S	PEED (MPH	ł)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	1	3	2	1	1	0	0	0	0	0	8
2	0	0	0	0	0	1	0	0	0	0	0	0	1
3	0	0	1	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	3	1	0	0	0	0	0	0	4
6	0	0	5	4	16	9	0	2	0	0	0	0	36
7	0	0	14	32	20	13	3	4	1	0	0	0	87
8	0	3	80	161	62	22	4	0	1	0	0	0	333
9	0	5	113	306	121	23	1	0	0	0	0	0	569
10	0	2	81	100	44	11	2	0	0	0	0	0	240
11	0	0	52	85	25	6	6	0	0	0	0	0	174
12	0	8	31	41	38	15	1	0	0	0	0	0	134
13	0	3	44	56	31	9	2	2	0	0	0	0	147
14	0	1	29	67	19	8	5	0	0	0	0	0	129
15	0	1	46	45	35	14	1	1	0	0	0	0	143
16	0	3	46	67	31	15	3	2	1	0	0	0	168
17	0	1	49	66	34	11	0	1	2	0	0	0	164
18	0	4	66	103	48	15	6	0	0	0	0	0	242
19	0	1	47	59	35	11	2	0	0	0	0	0	155
20	0	0	17	50	53	14	3	2	0	0	0	0	139
21	0	0	14	30	24	8	0	1	1	1	0	0	79
22	0	0	6	16	21	6	6	0	0	0	0	0	55
23	0	0	5	7	5	2	2	2	1	0	0	0	24
24	0	0	1	5	6	1	0	0	0	0	0	0	13
	-							-			-	_	
7-19	0	32	684	1156	523	160	33	6	4	0	0	0	2598
6-22	0	32	735	1284	641	201	45	13	6	1	0	0	2958
6-24	0	32	741	1296	652	204	47	15	7	1	0	0	2995
0-24	0	32	748	1303	673	216	48	17	7	1	0	0	3045

#### Direction: WESTBOUND

Wednesday 01/03/2023					٧	/EHICLE SI	PEED (MPH	ł)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	1	0	0	0	0	0	0	0	0	0	1
2	0	0	3	0	0	0	0	0	0	0	0	0	3
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	1	0	1	0	0	0	0	0	0	0	2
5	0	0	1	0	1	0	1	0	0	0	0	0	3
6	0	0	2	0	6	3	0	0	0	0	0	0	11
7	0	1	5	5	3	6	1	0	0	0	0	0	21
8	0	0	16	42	53	21	8	2	0	1	0	0	143
9	0	0	25	72	74	32	4	0	0	0	0	0	207
10	0	0	30	48	41	14	2	0	0	0	0	0	135
11	0	0	34	64	48	10	2	1	0	0	0	0	159
12	0	4	54	43	29	11	2	1	0	0	0	0	144
13	0	1	35	87	58	13	3	0	1	0	0	0	198
14	0	5	39	68	43	5	1	0	0	0	0	0	161
15	1	17	76	66	40	8	4	1	0	0	0	0	213
16	1	10	56	143	92	28	0	0	0	0	0	0	330
17	0	13	124	188	126	29	9	3	2	0	0	0	494
18	0	14	159	230	96	10	1	0	0	0	0	0	510
19	0	1	29	113	70	19	2	0	0	0	0	0	234
20	1	0	24	62	42	13	1	2	0	0	0	0	145
21	0	0	15	25	51	14	5	0	0	1	0	0	111
22	0	0	7	20	18	10	4	2	1	0	0	0	62
23	0	0	9	12	13	9	3	0	0	0	0	0	46
24	0	1	0	5	3	2	2	1	1	0	0	0	15
-	-												
7-19	2	65	677	1164	770	200	38	8	3	1	0	0	2928
6-22	3	66	728	1276	884	243	49	12	4	2	0	0	3267
6-24	3	67	737	1293	900	254	54	13	5	2	0	0	3328
0-24	3	67	745	1293	908	257	55	13	5	2	0	0	3348

### LOCATION: WESTWARD HEATH ROAD

#### Direction : EASTBOUND

Thursday 02/03/2023						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	3	0	0	0	0	0	0	0	0	0	0	0	0	3
2	2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	1	0.8	0	0	0	0	0	0	0	0	0	0	0	1.8
4	1	0.4	0	0	0	0	0	0	0	0	0	0	0	1.4
5	1	0	0	0	0	0	0	0	0	0	0	0	0	1
6	32	1.2	0	0	0	0	0	0	0	0	0	0	0	33.2
7	78	6.4	0	0	0	0	0	0	0	0	0	0	0	84.4
8	275	17.6	0	0	0	0	0	0	0	0	0	6.9	0	299.5
9	479	12.4	0	0	0	0	0	0	0	0	0	4.6	0	496
10	227	14.4	0	0	0	0	0	0	0	0	0	4.6	0	246
11	134	12.4	0	0	0	0	0	0	0	0	0	4.6	0	151
12	140	10	0.2	0	0	0	0	0	0	0	0	4.6	0	154.8
13	128	7.6	0	0	0	0	0	0	0	0	0	2.3	0	137.9
14	122	8.8	0	0	0	0	0	0	0	0	0	2.3	0	133.1
15	124	12	0	0	0	0	0	0	0	0	0	2.3	0	138.3
16	168	7.2	0	0	3	0	0	0	0	0	0	2.3	0	180.5
17	177	9.6	0	0	1	0	0	0	0	0	0	2.3	0	189.9
18	225	6.4	0.2	0	0	0	0	0	0	0	0	2.3	0	233.9
19	202	4	0	0	0	0	0	0	0	0	0	2.3	0	208.3
20	128	2.4	0	0	0	0	0	0	0	0	0	2.3	0	132.7
21	67	2	0	0	0	0	0	0	0	0	0	0	0	69
22	47	0.4	0	0	0	0	0	0	0	0	0	0	0	47.4
23	28	0	0	0	0	0	0	0	0	0	0	0	0	28
24	17	0	0	0	0	0	0	0	0	0	0	0	0	17
7.40	0404	100	0	0	4	0	<b>^</b>	•	•	•	0	4.4	0	05.00
7-19	2401	122	0	0	4	0	0	0	0	0	0	41	0	2569
6-22		134	0	, v	-	0	•	, v	0	0	•		0	2903
6-24	2766	134	, , , , , , , , , , , , , , , , , , ,	0	4	· ·	0	0	, , , , , , , , , , , , , , , , , , ,	· ·	0	44		2948
0-24	2806	136	0	0	4	0	0	0	0	0	0	44	0	2990

#### Direction: WESTBOUND

Thursday 02/03/2023						VEHICLE	E CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	10	0	0	0	0	0	0	0	0	0	0	0	0	10
2	1	0.4	0	0	0	0	0	0	0	0	0	0	0	1.4
3	0	0.8	0	0	0	0	0	0	0	0	0	0	0	0.8
4	0	0.4	0	0	0	0	0	0	0	0	0	0	0	0.4
5	1	0	0	0	0	0	0	0	0	0	0	0	0	1
6	6	2	0	0	0	0	0	0	0	0	0	0	0	8
7	22	2.8	0	0	0	0	0	0	0	0	0	2.3	0	27.1
8	115	9.2	0.6	0	0	0	0	0	0	0	0	0	0	124.8
9	231	8	0.2	0	1	0	0	0	0	0	0	2.3	0	242.5
10	109	6.4	0.2	0	0	0	0	0	0	0	0	2.3	0	117.9
11	124	5.2	0	0	0	0	0	0	0	0	0	6.9	0	136.1
12	137	8.4	0	0	0	0	0	0	0	0	0	6.9	0	152.3
13	197	9.2	0	0	0	0	0	0	0	0	0	0	0	206.2
14	155	16.4	0	0	0	0	0	0	0	0	0	4.6	0	176
15	159	8.4	0	0	0	0	0	0	0	0	0	2.3	0	169.7
16	239	10.8	0	0	1	0	0	0	0	0	0	0	0	250.8
17	449	17.6	0.4	0	1	0	0	0	0	0	0	2.3	0	470.3
18	378	10.4	0	0	0	0	0	2.3	0	0	0	2.3	0	393
19	224	4.8	0	0	0	0	0	0	0	0	0	2.3	0	231.1
20	137	5.6	0	0	0	0	0	0	0	0	0	0	0	142.6
21	112	2.4	0.2	0	0	0	0	0	0	0	0	0	0	114.6
22	58	2	0	0	0	0	0	0	0	0	0	0	0	60
23	122	2	0	0	0	0	0	0	0	0	0	0	0	124
24	17	2	0	0	0	0	0	0	0	0	0	0	0	19
							_		_		_		_	
7-19	2517	115	1	0	3	0	0	2	0	0	0	32	0	2671
6-22	2846	128	2	0	3	0	0	2	0	0	0	35	0	3015
6-24	2985	132	2	0	3	0	0	2	0	0	0	35	0	3158
0-24	3003	135	2	0	3	0	0	2	0	0	0	35	0	3180

### LOCATION: WESTWARD HEATH ROAD

#### Direction : EASTBOUND

Thursday 02/03/2023					١	EHICLE S	PEED (MPH	ł)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	1	0	2	0	0	0	0	0	0	0	3
2	0	0	0	0	1	0	1	0	0	0	0	0	2
3	0	1	0	0	2	0	0	0	0	0	0	0	3
4	0	0	1	0	0	0	1	0	0	0	0	0	2
5	0	0	0	1	0	0	0	0	0	0	0	0	1
6	0	0	2	8	13	8	3	1	0	0	0	0	35
7	0	0	10	27	33	12	5	7	0	0	0	0	94
8	0	2	66	138	88	24	4	0	0	0	0	0	322
9	0	1	79	248	147	29	8	0	0	0	0	0	512
10	0	2	66	114	59	18	5	1	0	0	0	0	265
11	0	1	35	84	29	14	3	1	0	0	0	0	167
12	0	0	36	66	53	11	1	1	0	0	0	0	168
13	0	5	32	54	37	18	2	0	0	0	0	0	148
14	0	0	23	72	39	9	2	0	0	0	0	0	145
15	0	2	29	56	56	9	3	0	0	0	0	0	155
16	1	1	22	76	58	24	7	1	0	0	0	0	190
17	0	2	31	90	58	19	3	0	0	0	0	0	203
18	0	2	47	106	65	17	3	2	1	0	0	0	243
19	0	1	55	97	46	9	4	1	0	0	0	0	213
20	0	1	26	62	33	9	3	1	0	0	0	0	135
21	0	0	10	22	24	13	2	1	0	0	0	0	72
22	0	0	8	16	15	7	1	0	1	0	0	0	48
23	0	0	5	9	6	4	2	0	0	0	2	0	28
24	0	0	1	5	8	2	1	0	0	0	0	0	17
											-		
7-19	1	19	521	1201	735	201	45	7	1	0	0	0	2731
6-22	1	20	575	1328	840	242	56	16	2	0	0	0	3080
6-24	1	20	581	1342	854	248	59	16	2	0	2	0	3125
0-24	1	21	585	1351	872	256	64	17	2	0	2	0	3171

#### Direction: WESTBOUND

Thursday 02/03/2023					١	EHICLE S	PEED (MPH	I)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	3	2	1	3	0	0	0	1	0	0	10
2	0	0	1	1	0	0	0	0	0	0	0	0	2
3	0	0	1	0	1	0	0	0	0	0	0	0	2
4	0	0	1	0	0	0	0	0	0	0	0	0	1
5	0	0	1	0	0	0	0	0	0	0	0	0	1
6	0	0	0	4	2	1	3	0	0	1	0	0	11
7	0	0	8	11	6	4	1	0	0	0	0	0	30
8	0	0	13	50	54	18	4	2	0	0	0	0	141
9	0	0	29	88	82	44	6	5	0	0	0	0	254
10	0	0	15	41	55	14	1	1	0	0	0	0	127
11	0	0	18	49	61	9	3	0	0	0	0	0	140
12	0	2	20	73	53	10	3	0	0	0	0	0	161
13	3	2	44	100	48	18	5	0	0	0	0	0	220
14	0	4	44	79	41	21	7	1	1	0	0	0	198
15	0	1	32	86	43	14	4	1	0	0	0	0	181
16	0	0	48	118	66	24	8	2	0	1	0	0	267
17	1	5	119	225	119	25	2	1	0	0	0	0	497
18	0	1	73	169	113	39	9	1	0	1	0	0	406
19	0	2	38	130	52	13	2	0	0	0	0	0	237
20	0	2	23	55	52	15	3	1	0	0	0	0	151
21	0	0	17	47	33	17	3	1	0	1	0	0	119
22	0	0	8	29	22	2	1	1	0	0	0	0	63
23	0	0	8	73	30	12	1	2	0	1	0	0	127
24	0	0	1	9	8	2	0	2	0	0	0	0	22
						-							
7-19	4	17	493	1208	787	249	54	14	1	2	0	0	2829
6-22	4	19	549	1350	900	287	62	17	1	3	0	0	3192
6-24	4	19	558	1432	938	301	63	21	1	4	0	0	3341
0-24	4	19	565	1439	942	305	66	21	1	6	0	0	3368

### LOCATION: WESTWARD HEATH ROAD

Direction : EASTBOUND

Friday 03/03/2023						VEHICLE	E CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	1
1	5	0.8	0	0	0	0	0	0	0	0	0	0	0	5.8
2	3	0	0	0	0	0	0	0	0	0	0	0	0	3
3	2	0	0	0	0	0	0	0	0	0	0	0	0	2
4	3	0	0	0	0	0	0	0	0	0	0	0	0	3
5	0	0.4	0	0	0	0	0	0	0	0	0	0	0	0.4
6	29	1.2	0	0	0	0	0	0	0	0	0	0	0	30.2
7	75	4.4	0	0	0	0	0	0	0	0	0	0	0	79.4
8	216	14.4	0	0	1	0	0	0	0	0	0	4.6	0	236
9	315	10	0.4	0	0	0	0	2.3	0	0	0	0	0	327.7
10	264	15.2	0	0	0	0	0	0	0	0	0	4.6	0	283.8
11	151	10	0	0	1	0	0	2.3	0	0	0	2.3	0	166.6
12	169	12	0	0	0	0	0	0	0	0	0	6.9	0	187.9
13	154	10.8	0	0	0	0	0	0	0	0	0	4.6	0	169.4
14	150	10	0	0	0	0	0	0	0	0	0	6.9	0	166.9
15	149	6.8	0	0	0	0	0	0	0	0	0	2.3	0	158.1
16	123	6.4	0	0	1	0	0	0	0	0	0	2.3	0	132.7
17	154	6.8	0	0	0	0	0	0	0	0	0	2.3	0	163.1
18	159	5.2	0	0	0	0	0	2.3	0	0	0	2.3	0	168.8
19	140	4.4	0	0	0	0	0	0	0	0	0	2.3	0	146.7
20	116	2	0	0	0	0	0	0	0	0	0	2.3	0	120.3
21	43	2.4	0	0	0	0	0	0	0	0	0	0	0	45.4
22	38	1.2	0	0	0	0	0	0	0	0	0	0	0	39.2
23	36	0.8	0	0	0	0	0	0	0	0	0	0	0	36.8
24	23	0	0	0	0	0	0	0	0	0	0	0	0	23
7-19	2144	112	0	0	3	0	0	7	0	0	0	41	0	2308
6-22	2144	112	0	0	3	0	0	7	0	0	0	41	0	2592
6-22	2416	122	0	0	3	0	0	7	0	0	0	44	0	2652
0-24			0	0	3	0	0	7	0	0	0	44	0	
0-24	2517	125	0	0	3	0	0	1	0	0	0	44	0	2696

#### Direction: WESTBOUND

Friday 03/03/2023						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	4	0.4	0	0	0	0	0	0	0	0	0	0	0	4.4
2	1	0.8	0	0	0	0	0	0	0	0	0	0	0	1.8
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0.4	0	0	0	0	0	0	0	0	0	0	0	0.4
5	3	0.4	0	0	0	0	0	0	0	0	0	0	0	3.4
6	4	2	0	0	0	0	0	0	0	0	0	0	0	6
7	25	1.6	0	0	0	0	0	0	0	0	0	0	0	26.6
8	109	8.4	0.8	0	0	0	0	0	0	0	0	4.6	0	122.8
9	188	5.6	0.2	0	0	0	0	0	0	0	0	2.3	0	196.1
10	134	7.6	0.2	0	0	0	0	0	0	0	0	2.3	0	144.1
11	137	5.6	0	0	0	0	0	0	0	0	0	2.3	0	144.9
12	132	10.8	0	0	0	0	0	0	0	0	0	4.6	0	147.4
13	169	11.6	0	0	0	0	0	0	0	0	0	0	0	180.6
14	208	7.2	0	0	0	0	0	0	0	0	0	4.6	0	219.8
15	185	4.8	0	0	0	0	0	0	0	0	0	4.6	0	194.4
16	263	11.2	0	0	1	0	0	0	0	0	0	0	0	275.2
17	300	10.8	0	0	0	0	0	0	0	0	0	4.6	0	315.4
18	288	8	0	0	0	0	0	0	0	0	0	2.3	0	298.3
19	151	3.6	0.4	0	0	0	0	0	0	0	0	0	0	155
20	115	4.4	0	0	0	0	0	0	0	0	0	4.6	0	124
21	57	3.6	0	0	0	0	0	0	0	0	0	0	0	60.6
22	44	2.8	0	0	0	0	0	0	0	0	0	0	0	46.8
23	52	4	0	0	0	0	0	0	0	0	0	0	0	56
24	34	0.8	0	0	0	0	0	0	0	0	0	0	0	34.8
7-19	2264	95	2	0	1	0	0	0	0	0	0	32	0	2394
6-22	2505	108	2	0	1	0	0	0	0	0	0	37	0	2652
6-24	2591	112	2	0	1	0	0	0	0	0	0	37	0	2743
0-24	2603	116	2	0	1	0	0	0	0	0	0	37	0	2759

### LOCATION: WESTWARD HEATH ROAD

Direction : EASTBOUND

Friday 03/03/2023					١	EHICLE SI	PEED (MPH	ł)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	3	2	0	0	2	0	0	0	0	0	7
2	0	1	0	1	0	0	0	1	0	0	0	0	3
3	0	0	0	0	0	2	0	0	0	0	0	0	2
4	0	0	0	0	1	0	1	1	0	0	0	0	3
5	0	0	0	0	0	1	0	0	0	0	0	0	1
6	0	0	3	6	9	10	1	2	0	0	0	1	32
7	0	0	10	26	23	16	7	3	1	0	0	0	86
8	0	0	53	108	65	21	3	2	3	0	0	0	255
9	0	4	72	141	101	22	2	1	0	0	0	0	343
10	0	1	70	145	62	19	6	0	1	0	0	0	304
11	0	1	45	89	30	14	0	0	0	0	0	0	179
12	0	1	42	90	54	10	4	1	0	0	0	0	202
13	1	3	36	80	48	12	3	0	0	0	0	0	183
14	0	3	47	68	39	21	0	0	0	0	0	0	178
15	0	1	39	73	41	11	2	0	0	0	0	0	167
16	0	0	25	51	36	22	5	2	0	0	0	0	141
17	0	0	32	66	50	19	5	0	0	0	0	0	172
18	0	1	34	74	38	25	2	0	0	0	0	0	174
19	0	1	31	62	46	8	4	0	0	0	0	0	152
20	0	0	28	59	25	4	4	2	0	0	0	0	122
21	0	0	5	17	17	7	3	0	0	0	0	0	49
22	0	0	7	19	6	8	0	1	0	0	0	0	41
23	0	2	2	14	13	3	1	3	0	0	0	0	38
24	0	0	5	10	4	1	3	0	0	0	0	0	23
7-19	1	16	526	1047	610	204	36	6	4	0	0	0	2450
6-22	1	16	576	1168	681	204	50	12	4 5	0	0	0	2748
6-22	1	18	576	1108	698	239	50	12	5	0	0	0	2809
0-24	 1	19	589	1201	708	243	58	19	5	0	0	1	2809
0-24	1	19	203	1201	100	200	00	19	5	0	0	1	2001

#### Direction: WESTBOUND

Friday 03/03/2023					١	EHICLE SI	PEED (MPH	I)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	2	2	0	1	0	0	0	0	0	0	5
2	0	1	1	1	0	0	0	0	0	0	0	0	3
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	1	0	0	0	0	0	0	0	0	0	1
5	0	1	1	0	1	0	0	0	1	0	0	0	4
6	0	0	0	2	2	3	1	0	1	0	0	0	9
7	0	0	7	9	9	3	0	1	0	0	0	0	29
8	0	0	17	42	47	24	5	1	0	0	0	0	136
9	1	7	23	50	92	24	4	1	2	0	0	0	204
10	0	3	80	36	31	4	0	1	0	0	0	0	155
11	0	3	32	71	42	4	0	0	0	0	0	0	152
12	0	0	34	69	39	13	4	2	0	0	0	0	161
13	2	4	32	77	54	22	6	0	1	0	0	0	198
14	0	4	32	98	70	19	5	0	0	0	0	0	228
15	0	1	23	77	68	23	4	3	0	0	0	0	199
16	0	3	51	121	79	31	5	1	1	0	0	0	292
17	0	2	44	132	120	24	4	2	1	0	0	0	329
18	0	3	43	123	102	32	2	4	0	0	0	0	309
19	0	0	16	67	49	23	5	2	0	0	0	0	162
20	0	0	20	52	25	28	2	0	1	0	0	0	128
21	0	0	15	24	14	6	5	2	0	0	0	0	66
22	0	0	6	21	16	4	2	2	0	0	0	0	51
23	0	3	14	30	9	4	2	0	0	0	0	0	62
24	0	0	14	12	7	3	0	0	0	0	0	0	36
7-19	3	30	427	963	793	243	44	17	5	0	0	0	2525
6-22	3	30	475	1069	857	284	53	22	6	0	0	0	2799
6-24	3	33	503	1111	873	291	55	22	6	0	0	0	2897
0-24	3	35	508	1116	876	295	56	22	8	0	0	0	2919

LOCATION: WESTWARD HEATH ROAD

Direction: EASTBOUND

				VEHICL	E FLOWS				
Hr Ending	Saturday 25-Feb-23	Sunday 26-Feb-23	Monday 27-Feb-23	Tuesday 28-Feb-23	Wednesday 1-Mar-23	Thursday 2-Mar-23	Friday 3-Mar-23	WEEKDAY AVERAGE	WEEK AVERAGE
1	10	15	3	3	8	3	6	5	7
2	4	7	0	1	1	2	3	1	3
3	3	1	0	0	1	2	2	1	1
4	2	1	2	1	0	1	3	2	2
5	1	4	5	2	4	1	0	3	3
6	7	4	30	33	33	33	30	32	24
7	20	13	72	80	79	84	79	79	61
8	59	25	296	305	310	300	236	289	219
9	106	45	469	579	550	496	328	484	368
10	167	112	236	285	226	246	284	255	222
11	169	163	144	163	162	151	167	157	160
12	187	153	133	145	118	155	188	148	154
13	164	152	117	134	132	138	169	138	144
14	124	164	131	141	127	133	167	140	141
15	148	129	126	134	135	138	158	138	138
16	119	141	155	176	156	181	133	160	151
17	121	98	172	163	155	190	163	169	152
18	106	79	182	201	228	234	169	203	171
19	105	72	135	168	147	208	147	161	140
20	108	43	90	123	134	133	120	120	107
21	46	38	71	53	73	69	45	62	56
22	25	23	45	37	51	47	39	44	38
23	30	9	20	34	23	28	37	28	26
24	23	12	7	8	12	17	23	13	15
7-19	1575	1334	2294	2594	2446	2569	2308	2442	2160
6-22	1775	1452	2571	2886	2782	2903	2592	2747	2423
6-24	1828	1473	2598	2929	2817	2948	2652	2789	2464
0-24	1856	1506	2640	2969	2864	2990	2696	2832	2503



LOCATION: WESTWARD HEATH ROAD

Direction : WESTBOUND

				WEST	BOUND				
Hr Ending	Saturday 25-Feb-23	Sunday 26-Feb-23	Monday 27-Feb-23	Tuesday 28-Feb-23	Wednesday 1-Mar-23	Thursday 2-Mar-23	Friday 3-Mar-23	WEEKDAY AVERAGE	WEEK AVERAGE
1	13	18	2	4	1	10	4	4	8
2	6	5	1	1	3	1	2	2	3
3	5	7	0	3	0	1	0	1	2
4	4	2	1	1	1	0	0	1	1
5	2	1	4	2	2	1	3	3	2
6	3	1	4	10	10	8	6	8	6
7	9	5	19	29	18	27	27	24	19
8	14	10	126	140	133	125	123	129	96
9	66	41	200	236	194	243	196	214	168
10	112	64	124	145	126	118	144	132	119
11	205	102	114	147	145	136	145	137	142
12	185	142	127	171	134	152	147	146	151
13	203	186	132	171	188	206	181	176	181
14	193	164	190	180	157	176	220	185	183
15	133	126	159	186	199	170	194	182	167
16	163	164	242	280	316	251	275	273	242
17	163	133	484	524	476	470	315	454	367
18	128	121	462	468	497	393	298	424	338
19	96	81	221	246	226	231	155	216	179
20	67	60	123	140	140	143	124	134	114
21	55	43	74	85	107	115	61	88	77
22	24	27	65	38	58	60	47	54	46
23	88	13	24	46	42	124	56	58	56
24	19	12	13	15	13	19	35	19	18
7.40	1050	1005	0500		0700	0.074	0004		
7-19	1658	1335	2583	2892	2792	2671	2394	2666	2332
6-22	1813	1470	2864	3185	3114	3015	2652	2966	2588
6-24	1921	1496	2901	3245	3170	3158	2743	3043	2662
0-24	1954	1531	2914	3267	3187	3180	2759	3061	2684



### LOCATION: WESTWARD HEATH ROAD

#### Direction : EASTBOUND

			AVERAGE	SPEEDS			
Hr Ending	Saturday 25-Feb-23	Sunday 26-Feb-23	Monday 27-Feb-23	Tuesday 28-Feb-23	Wednesday 1-Mar-23	Thursday 2-Mar-23	Friday 3-Mar-23
1	37.0	31.4	24.9	33.6	36.4	33.8	34.1
2	29.3	34.4	38.0	25.5	43.0	43.0	33.8
3	24.9	43.0	-	15.5	25.5	30.5	43.0
4	34.3	43.0	50.5	50.5	-	36.8	46.3
5	36.8	36.8	35.9	40.5	39.3	33.0	43.0
6	34.8	36.1	38.2	37.5	37.8	38.6	40.7
7	36.9	38.8	36.4	38.1	36.2	37.5	37.5
8	34.7	35.6	34.4	33.2	32.9	33.7	34.2
9	35.8	35.4	32.3	32.0	32.9	34.0	33.5
10	35.5	35.2	32.2	33.2	31.8	33.2	33.2
11	34.8	35.7	31.6	32.4	32.3	33.4	32.6
12	34.4	35.5	32.5	32.7	32.9	33.8	33.6
13	34.7	34.2	32.7	33.0	32.5	33.5	33.3
14	34.9	35.1	33.7	32.7	33.1	34.0	33.0
15	34.3	34.8	33.5	33.4	32.9	34.0	33.2
16	34.5	34.3	33.6	32.9	33.1	35.3	35.3
17	35.5	34.5	34.1	33.7	32.8	34.3	34.6
18	34.9	34.6	33.5	33.7	32.6	33.9	34.1
19	34.0	34.6	32.9	33.6	32.6	32.9	33.8
20	33.9	37.8	33.7	34.0	35.6	33.8	33.5
21	35.8	38.8	32.6	34.2	35.2	36.1	36.3
22	35.8	34.8	35.2	33.7	36.8	35.6	34.9
23	34.2	35.3	33.5	35.1	37.3	38.3	36.2
24	33.8	35.9	50.5	32.4	35.5	37.0	34.6
10-12	34.6	35.6	32.0	32.6	32.6	33.6	33.1
14-16	34.4	34.5	33.5	33.1	33.0	34.7	34.3
0-24	34.4	36.1	35.1	33.6	34.4	35.0	35.8

			85TH PEF	RCENTILE			
Hr Ending	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
The Ending	25-Feb-23	26-Feb-23	27-Feb-23	28-Feb-23	1-Mar-23	2-Mar-23	3-Mar-23
1	46.0	36.9	32.1	40.8	43.4	41.1	44.2
2	33.6	41.2	-	-	-	50.1	52.6
3	32.1	-	-	-	-	43.5	43.0
4	46.6	-	54.0	54.0	-	52.7	54.0
5	52.7	50.4	41.9	53.5	41.8	-	-
6	40.3	43.6	44.7	50.3	44.5	44.6	53.5
7	42.6	42.8	43.5	46.5	43.5	44.5	44.7
8	41.1	42.9	39.8	39.1	38.6	39.1	40.3
9	42.4	41.2	37.8	36.9	37.7	39.0	39.1
10	41.4	41.5	38.4	38.9	37.4	39.0	38.9
11	41.0	41.3	36.8	37.6	37.9	39.1	37.9
12	40.1	42.1	39.0	38.0	40.1	39.3	39.2
13	40.7	40.9	38.2	39.9	39.1	40.1	39.4
14	41.4	41.3	39.3	38.5	38.9	38.9	39.1
15	40.0	41.4	39.5	39.4	39.3	39.8	38.7
16	40.4	40.0	40.0	39.4	40.0	41.5	41.7
17	42.6	40.8	40.0	40.1	39.2	39.7	40.3
18	40.7	41.1	39.8	39.2	38.7	39.8	40.0
19	41.0	41.3	38.6	38.8	38.5	38.5	39.4
20	40.7	45.6	40.0	39.5	41.1	39.6	39.4
21	43.8	46.3	39.6	40.1	42.2	42.2	42.0
22	45.9	43.6	41.4	40.2	42.9	42.2	41.2
23	41.7	40.6	42.5	41.5	46.7	50.6	44.2
24	39.2	43.7	73.5	37.1	39.8	42.1	41.7
10-12	40.5	41.7	37.9	37.8	39.0	39.2	38.5
10-12	40.5	40.7	39.8	39.4	39.6	40.6	40.2
0-24	40.2	40.7	41.8	<u> </u>	40.5	40.6	40.2
027	41.0	72.0	41.0	71.0		72.0	72.7
7 DAY AVERAGE	SPEED		34.9				
7 DAY AVERAGE	85th PERCENTIL	E	41.7				

5 DAY OFF PEAK AVERAGE SPEED	33.3
5 DAY OFF PEAK AVERAGE 85th PERCENTILE	39.2

### LOCATION: WESTWARD HEATH ROAD

#### Direction : WESTBOUND

	AVERAGE SPEEDS							
25-rep23 26-rep23 27-rep23 28-rep23 1-Mar-23 2-Mar-23 23   1 34.3 35.6 32.2 36.0 25.5 37.5 3   2 35.5 30.9 25.5 38.0 25.5 29.3 31.8   3 30.5 35.2 - 29.3 - 31.8   4 34.9 38.8 38.0 31.8 31.8 25.5   5 38.6 48.0 36.8 40.5 37.2 25.5   6 44.7 53.0 41.0 35.3 37.1 41.9   7 37.8 38.8 36.9 37.5 34.7 33.8   8 34.6 34.9 35.4 32.1 36.8 36.2   9 34.5 35.1 34.3 34.8 35.7 36.2   10 36.4 33.1 34.6 30.3 34.1 35.7   11 35.1 36.3 32.6 32.5 </th <th>Friday</th>	Friday							
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Mar-23							
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	32.0							
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	24.7							
5 38.6 48.0 36.8 40.5 37.2 25.5   6 44.7 53.0 41.0 35.3 37.1 41.9   7 37.8 38.8 36.9 37.5 34.7 33.8   8 34.6 34.9 35.4 32.1 36.8 36.2   9 34.5 35.1 34.3 34.8 35.7 36.2   10 36.4 33.1 34.6 30.3 34.1 35.7   11 35.1 36.3 32.6 32.5 33.8 35.2   12 34.5 34.7 33.6 33.4 31.8 34.4   13 34.5 34.8 33.4 35.5 34.1 33.2   14 35.6 35.9 33.1 33.6 32.4 33.8   15 36.0 36.6 33.2 34.3 30.5 34.0	-							
6 44.7 53.0 41.0 35.3 37.1 41.9   7 37.8 38.8 36.9 37.5 34.7 33.8   8 34.6 34.9 35.4 32.1 36.8 36.2   9 34.5 35.1 34.3 34.8 35.7 36.2   10 36.4 33.1 34.6 30.3 34.1 35.7   11 35.1 36.3 32.6 32.5 33.8 35.2   12 34.5 34.7 33.6 33.4 31.8 34.4   13 34.5 34.7 33.6 33.4 35.5 34.1 33.2   14 35.6 35.9 33.1 34.6 32.4 33.8   15 36.0 36.6 33.2 34.4 35.5 34.1 33.2	25.5							
7 37.8 38.8 36.9 37.5 34.7 33.8   8 34.6 34.9 35.4 32.1 36.8 36.2   9 34.5 35.1 34.3 34.8 35.7 36.2   10 36.4 33.1 34.6 30.3 34.1 35.7   11 35.1 36.3 32.6 32.5 33.8 35.2   12 34.5 34.7 33.6 33.4 31.8 34.4   13 34.5 34.7 33.6 33.4 35.5 34.1 33.2   14 35.6 35.9 33.1 34.6 32.4 33.8   15 36.0 36.6 33.2 34.3 30.5 34.0	34.3							
8 34.6 34.9 35.4 32.1 36.8 36.2   9 34.5 35.1 34.3 34.8 35.7 36.2   10 36.4 33.1 34.6 30.3 34.1 35.7   11 35.1 36.3 32.6 32.5 33.8 35.2   12 34.5 34.7 33.6 33.4 31.8 34.4   13 34.5 34.8 35.5 34.1 33.2 14   13 34.5 35.9 33.1 33.6 32.4 33.8   15 36.0 36.6 33.2 34.3 30.5 34.0	41.9							
9 34.5 35.1 34.3 34.8 35.7 36.2   10 36.4 33.1 34.6 30.3 34.1 35.7   11 35.1 36.3 32.6 32.5 33.8 35.2   12 34.5 34.7 33.6 33.4 31.8 34.4   13 34.5 34.8 33.4 35.5 34.1 33.2   14 35.6 35.9 33.1 33.6 32.4 33.8   15 36.0 36.6 33.2 34.3 30.5 34.0	34.5							
10 36.4 33.1 34.6 30.3 34.1 35.7   11 35.1 36.3 32.6 32.5 33.8 35.2   12 34.5 34.7 33.6 33.4 31.8 34.4   13 34.5 34.8 33.4 35.5 34.1 33.2   14 35.6 35.9 33.1 33.6 32.4 33.8   15 36.0 36.6 33.2 34.3 30.5 34.0	36.3							
11 35.1 36.3 32.6 32.5 33.8 35.2   12 34.5 34.7 33.6 33.4 31.8 34.4   13 34.5 34.8 33.4 35.5 34.1 33.2   14 35.6 35.9 33.1 33.6 32.4 33.8   15 36.0 36.6 33.2 34.3 30.5 34.0	35.5							
12 34.5 34.7 33.6 33.4 31.8 34.4   13 34.5 34.8 33.4 35.5 34.1 33.2   14 35.6 35.9 33.1 33.6 32.4 33.8   15 36.0 36.6 33.2 34.3 30.5 34.0	30.2							
13 34.5 34.8 33.4 35.5 34.1 33.2   14 35.6 35.9 33.1 33.6 32.4 33.8   15 36.0 36.6 33.2 34.3 30.5 34.0	32.7							
14 35.6 35.9 33.1 33.6 32.4 33.8   15 36.0 36.6 33.2 34.3 30.5 34.0	34.1							
<b>15</b> 36.0 36.6 33.2 34.3 30.5 34.0	34.2							
	34.3							
16 355 368 360 344 334 345	35.5							
10 00.0 00.0 04.4 00.4 04.0	34.3							
<b>17</b> 35.2 36.0 33.8 31.9 33.0 32.8	34.8							
<b>18</b> 36.2 36.5 32.6 32.8 31.3 34.4	34.8							
<b>19</b> 35.8 37.8 33.9 33.7 34.4 33.4	35.9							
<b>20</b> 34.8 37.5 34.3 35.1 34.3 34.8	35.4							
<b>21</b> 38.1 37.0 34.4 34.8 36.5 35.6	35.0							
<b>22</b> 36.4 32.6 36.0 35.0 37.2 34.7	35.8							
<b>23</b> 32.1 38.5 36.5 34.5 35.9 35.3	32.3							
<b>24</b> 34.1 37.3 46.3 33.0 39.2 37.2	31.9							
10-12 34.8 35.5 33.1 32.9 32.8 34.8	33.4							
14-16 35.7 36.7 34.6 34.3 31.9 34.2	34.9							
0-24 35.6 37.2 35.0 34.2 33.7 34.0	33.7							

	85TH PERCENTILE							
Hr Ending	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	
the Ending	25-Feb-23	26-Feb-23	27-Feb-23	28-Feb-23	1-Mar-23	2-Mar-23	3-Mar-23	
1	41.4	43.4	38.5	38.7	-	49.7	39.2	
2	44.0	37.9	-	-	25.5	34.6	33.4	
3	39.2	43.5	-	33.6	-	40.6	-	
4	44.3	55.9	-	40.6	40.6	-	-	
5	48.3	-	41.5	51.7	48.4	-	52.6	
6	52.3	-	43.7	40.2	43.2	51.9	49.7	
7	44.0	44.7	46.4	44.4	43.1	40.3	41.2	
8	42.6	44.1	41.2	38.0	43.3	41.6	42.1	
9	40.8	43.8	40.8	40.4	41.0	42.1	42.6	
10	43.5	41.6	40.9	36.7	39.8	40.8	36.3	
11	40.6	43.2	39.9	37.9	39.4	40.2	38.0	
12	40.9	40.6	38.8	39.1	38.7	39.7	40.0	
13	40.6	40.8	40.0	40.6	39.6	39.8	41.3	
14	40.8	41.6	37.8	38.5	38.2	40.7	40.0	
15	43.5	43.3	39.0	40.4	38.0	39.6	41.2	
16	41.6	42.8	42.2	40.3	39.4	40.6	40.3	
17	41.6	42.1	38.6	37.2	39.6	38.3	40.3	
18	42.9	43.1	38.1	37.9	36.9	40.3	40.6	
19	43.0	45.5	39.1	39.5	39.3	38.4	41.5	
20	41.2	44.8	40.6	41.1	40.3	40.7	41.6	
21	46.0	45.5	41.4	40.4	42.8	42.0	42.3	
22	42.9	38.2	40.6	40.9	44.3	39.8	42.1	
23	37.4	45.3	43.6	40.6	42.6	40.8	39.0	
24	42.3	46.8	62.9	39.6	49.5	43.6	37.8	
10-12	40.8	41.9	39.3	38.5	39.0	39.9	39.0	
14-16	42.6	43.0	40.6	40.3	38.7	40.1	40.8	
0-24	42.7	43.6	41.7	39.9	40.6	41.2	41.0	
7 DAY AVERAGE	SPEED		34.8					
7 DAY AVERAGE	85th PERCENTILI	E	41.5					
				-				

5 DAY OFF PEAK AVERAGE SPEED	33.7
5 DAY OFF PEAK AVERAGE 85th PERCENTILE	39.6

LOCATION: WESTWARD HEATH ROAD

Direction : EASTBOUND

			SPEED SI	UMMARY			
SPEED (MPH)	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
0-30	25-Feb-23 334	26-Feb-23 245	27-Feb-23 697	28-Feb-23 796	<u>1-Mar-23</u> 780	2-Mar-23 607	3-Mar-23 609
31-45	1505	1243	2035	2274	2192	2479	2165
<u>46-60</u> 61-120	78 3	70 2	57 2	69 3	<u>72</u> 1	83 2	82 1
TOTAL	1920	1560	2791	3142	3045	3171	2857
Saturday 25-Feb-23			5	□0-30 ■46-60	■31-45 ● ●61-120		
Sunday 26-Feb-23			5	■ 0-30 ■ 46-60	■31-45 ● ■61-120		
Monday 27-Feb-23				□ 0-30 ■ 46-60	■31-45 ) ■61-120		
Tuesday 28-Feb-23				■ 0-30 ■ 46-60	■31-45 ) ■61-120		
Wednesday 1-Mar-23				■ 0-30 ■ 46-60	■31-45 ) ■61-120		
Thursday 2-Mar-23			5	■ 0-30 ■ 46-60	■31-45 ) ■61-120		
Friday 3-Mar-23			5	□0-30 ■46-60	■31-45 ) ■61-120		
		surv	ey and pres	entation by	traffics	ense Lte	d.

LOCATION: WESTWARD HEATH ROAD

Direction: WESTBOUND

			SPEED SI	JMMARY			
SPEED (MPH)	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
0-30	25-Feb-23 340	26-Feb-23 237	27-Feb-23 584	28-Feb-23 752	1-Mar-23 815	2-Mar-23 588	<u>3-Mar-23</u> 546
31-45	1611	1284	2406	2618	2458	2686	2287
46-60 61-120	<u>114</u> 4	105 2	73 3	57 0	73 2	88 6	86 0
TOTAL	2069	1628	3066	3427	3348	3368	2919
Saturday 25-Feb-23							
2010020							
				□0-30	■31-45		
				■46-60	● 61-120		
				□+0-00	01-120		
Cundou							
Sunday 26-Feb-23	(						
				□0-30	■31-45		
				■46-60	● 61-120		
						1	
Monday							
27-Feb-23	(						
		C N					
				□0-30	■31-45		
				■46-60	● 61-120		
Tuesday			1 (111)				
28-Feb-23							
		<b>`</b>			-01.15		
				□0-30	■31-45		
				■46-60	■61-120		
Wednesday		5					
1-Mar-23							
				□0-30	■31-45		
				■46-60	● 61-120		
Thursday				_			
2-Mar-23							
				□0-30	■31-45		
				■46-60	<b>□</b> 61-120		
				<b>□</b> 40-6L			
Friday 3-Mar-23							
				□0-30	■31-45		
				■46-60	● 61-120		
						1	
		surv	ey and pres	entation by	traffics	ense Lte	d.

LOCATION: WESTWARD HEATH ROAD

Direction: EASTBOUND

VEHICLE CLASSIFICATION								
	CAR / LGV / CARAVAN	OGV1 / BUS	OGV2	TOTAL				
25-Feb-23								
7-19	1490	82	3	1575				
6-22	1680	91	3	1775				
6-24	1732	93	3	1828				
0-24	1759	94	3	1856				
26-Feb-23		<u> </u>		<u></u>				
7-19	1298	36	0	1334				
6-22	1413	39	0	1452				
6-24	1434	39	0	1473				
0-24	1466	40	0	1506				
27-Feb-23								
7-19	2148	142	5	2294				
6-22	2410	156	6	2571				
6-24	2436	157	6	2598				
0-24	2475	159	6	2640				
28-Feb-23								
7-19	2427	163	5	2594				
6-22	2705	177	5	2886				
6-24	2747	177	5	2929				
0-24	2784	181	5	2969				
1-Mar-23	///////////////////////////////////////	<i></i>	///////////////////////////////////////					
7-19	2255	183	8	2446				
6-22	2576	199	8	2782				
6-24	2609	200	8	2817				
0-24	2654	202	8	2864				
2-Mar-23								
7-19	2401	168	0	2569				
6-22	2721	182	0	2903				
6-24	2766	182	0	2948				
0-24	2806	184	0	2990				
3-Mar-23								
7-19	2144	157	7	2308				
6-22	2416	169	7	2592				
6-24	2475	170	7	2652				
0-24	2517	172	7	2696				
AVERAGE		//////////////////////////////////////						
7-19	2023	133	4	2160				
6-22	2274	145	4	2423				
6-24	2314	145	4	2464				
0-24	2352	147	4	2503				



LOCATION: WESTWARD HEATH ROAD

Direction: WESTBOUND

VEHICLE CLASSIFICATION								
	CAR / LGV / CARAVAN	OGV1 / BUS	OGV2	TOTAL				
25-Feb-23		<u> </u>						
7-19	1592	66	0	1658				
6-22	1733	80	0	1813				
6-24	1837	84	0	1921				
0-24	1866	88	0	1954				
26-Feb-23								
7-19	1281	54	0	1335				
6-22	1408	62	0	1470				
6-24	1432	64	0	1496				
0-24	1460	71	0	1531				
27-Feb-23								
7-19	2459	119	5	2583				
6-22	2725	134	5	2864				
6-24	2760	136	5	2901				
0-24	2772	137	5	2914				
28-Feb-23	///////////////////////////////////////							
7-19	2778	112	2	2892				
6-22	3056	126	2	3185				
6-24	3114	129	2	3245				
0-24	3131	134	2	3267				
1-Mar-23	(1111111111111111111111111111111111111	9111111111						
7-19	2669	118	5	2792				
6-22	2981	129	5	3114				
6-24	3033	132	5	3170				
0-24	3048	134	5	3187				
2-Mar-23	97777777777777		///////////////////////////////////////	///////////////////////////////////////				
7-19	2517	151	2	2671				
6-22	2846	167	2	3015				
6-24	2985	171	2	3158				
0-24	3003	174	2	3180				
3-Mar-23								
7-19	2264	130	0	2394				
6-22	2505	147	0	2652				
6-24	2591	152	0	2743				
0-24	2603	156	0	2759				
AVERAGE								
7-19	2223	107	2	2332				
6-22	2465	121	2	2588				
6-24	2536	124	2	2662				
0-24	2555	128	2	2684				

