

HIGHGATE



A Planning Application by
HIGHGATE SCHOOL

In respect of
**Far Field, Highgate School,
LONDON BOROUGH OF HARINGEY**

Transport Statement

January 2023



Document Management

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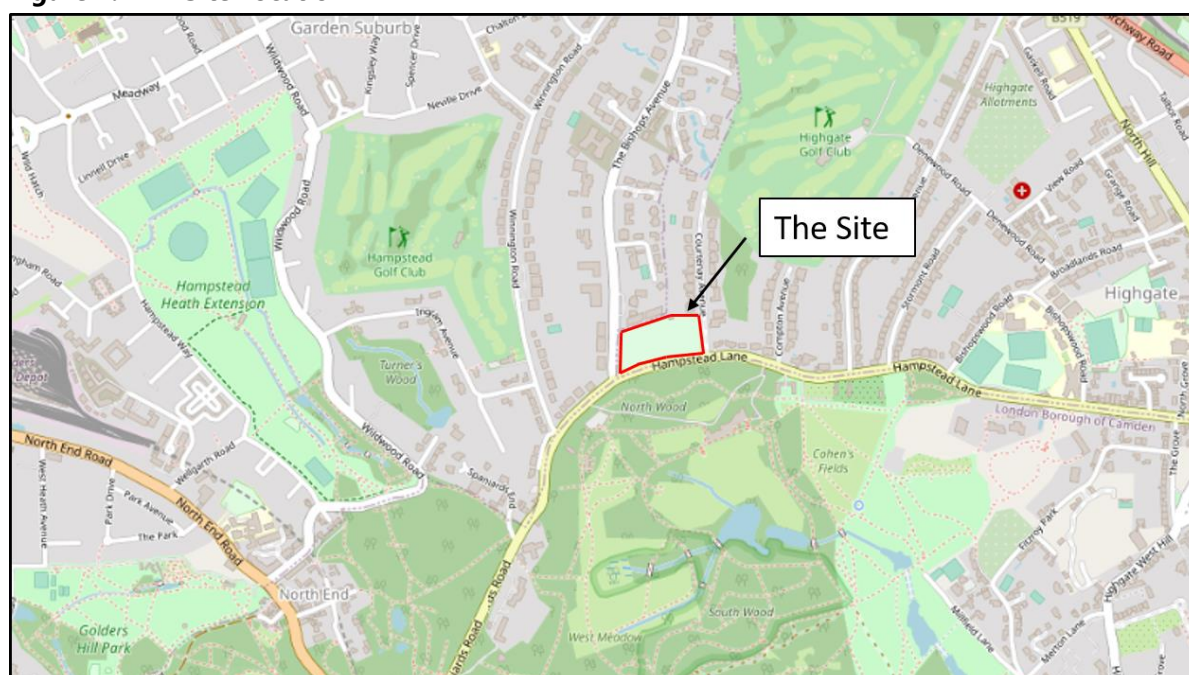
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1 Introduction

- 1.1 Transport Planning Associates have been commissioned by Highgate School to provide transport and highways advice in relation to a proposed development at Highgate School (the School), particularly at Far Field playing field (the Site).
- 1.2 The Site is located on the northern side of Hampstead Lane, with Courtenay Avenue to the east, The Bishops Avenue to the west and some residential properties to the north. The Site location can be seen in **Figure 1.1** below.

Figure 1.1 Site Location



Source: © OpenStreetMap contributors

- 1.3 The proposal comprises the following works at the Site:
- Re-levelling of the playing surface utilising cut and fill, following topsoil removal. Excess topsoil is to be removed from the Site;
 - Formation of a pedestrian access ramp off Hampstead Lane;
 - Installation of a sand-carpet synthetic pitch, for hockey and netball use;
 - Aesthetic improvements to the existing changing block;
 - No changes to the building footprint;
 - Reinforced natural grass emergency vehicle path connecting the changing block to the Courtenay Avenue and The Bishops Avenue access points; and
 - Drainage improvements to enable more efficient and all year all weather use; and
 - Landscaping to enhance biodiversity.

Pre-application

1.4 Pre-application advice was sought to London Borough of Haringey (LBH) in 2021 and the key transport-related comments can be summarised as follows:

- The creation of a new double gate width vehicle crossover access off The Bishops Avenue is supported; it will enable a second point of vehicle access and reduce the requirement to access the field from existing access point within the gated road that is Courtenay Avenue;
- The improvements to the existing but disused pedestrian access off Hampstead Lane that is close to the junction of Hampstead Lane and Courtenay Avenue are also supported. Part of the project includes internal earthworks and regrading within the site, to provide a slighter gradient for this access and bring it back into use as an improved pedestrian access; and
- Any forthcoming application will need to detail existing usage and person trips to and from the site, and clarify if there is going to be any uplift in attendees and trips, and what potential impacts these might have with respect to parking and the highway network along with management arrangements to minimise impacts.

Report Structure

1.5 This Transport Statement (TS) is structured as follows:

- **Existing Site** – Considers the sustainability and accessibility of the site;
- **Policy Review** – Considers national regional and local planning policy and guidance which are applicable to the proposal;
- **Development Proposals** – Outlines the proposed development and access arrangements;
- **Development Impact** – Reviews the likely trip generation of the redevelopment proposals and considers the likely impact the proposal will have on the local transport and highway network; and
- **Summary and Conclusions** – Summarises the report and provides conclusions.

2 The Existing Site

The Site

- 2.1 As noted in the Introduction, the Site is located to the northern side of Hampstead Lane, with Courtenay Avenue to the east, The Bishops Avenue to the west and some residential properties to the north. It lies approximately 650m along Hampstead Lane, gate-to-gate, from the School's main site Senior Field sports pitch area, with the gate being at the Caen Wood Hall building.
- 2.2 This facility comprises a large sports field marked mainly with 3 football pitches and a changing room facility located to the north of the Site.

Access

- 2.3 The main access to the site is gained from Courtenay Avenue, which is suitable for maintenance vehicles also. On route to this entrance is a security barriers and staffed hut at the junction of Courtenay Avenue and Hampstead Lane.

Figure 2.1 Access on Courtenay Avenue



Site Visit (TPA, February 2021)

- 2.4 A secondary pedestrian access point is also available via Hampstead Lane which is currently blocked and it leads to a steep bank, making it unsuitable for users. The access has recently been installed with new railings and a pedestrian gate.

Figure 2.2 Footway on Hampstead Lane and pedestrian gate



TPA, February 2021 – new railings and pedestrian gate have been installed on Hampstead Lane since

Pedestrian and Cycle Infrastructure

Pedestrian

- 2.5 The Site benefits from good pedestrian accessibility, with bus stops and controlled crossings located within the vicinity of the Site. Footways of circa 2m width are provided along both sides of The Bishop Avenue, Courtenay Avenue and Hampstead Lane as well as the roads within the local area.
- 2.6 The Bishop Avenue is equipped with designated crossing points, tactile paving and dropped kerbs enabling safe pedestrian movement around the site vicinity. An informal crossing with a refuge island is provided north of the Site on The Bishops Avenue.
- 2.7 The presence of footways and street lighting on Hampstead Lane allows for convenient access through the local area on both cycle and foot, including between school sites.

Cycle

- 2.8 There are no designated cycle lanes within the immediate vicinity of the Site. Notwithstanding this, the local roads are generally in good condition and are conducive to cycling, and there are a number of informal local cycle routes and some dedicated lanes closer to Hampstead and Highgate areas.

Public Transport

Bus Services

2.9 Bus stops are located within close proximity to the site providing direct connections to East Finchley, Hampstead and Finsbury Park, amongst other destinations. They are located along The Bishops Avenue and Hampstead Lane. The local bus route H3 runs along The Bishops Avenue and Hampstead Lane west of the Site, while route 210 along Hampstead Lane, in an east-west direction. A school service (603) also runs in the immediate vicinity of the Site and serves the School.

2.10 A summary of these bus routes are available in Table 2.1 below.

Table 2.1 Local Bus Timetable Summary

Route Number	Route	Service Frequency		
		Weekdays	Saturday	Sunday
H3	Golders Green – Hampstead Heath – East Finchley	Every 60 minutes *	Every 60 minutes *	N/A
210	Brent Cross – Golders Green – Archway – Finsbury Park	Every 10-12 minutes	Every 10-12 minutes	Every 10-12 minutes
603	Swiss Cottage – Hampstead – Highgate School - East Finchley – Muswell Hill	4	N/A	N/A

Source: Transport for London; * AM and early PM only

London Underground / Rail Services

2.11 The Site is located approximately 1,900m walking distance of Highgate Underground Station, on the High Barnet branch of the Northern Line; the station has regular services to a number of local destinations and residential area as well as south and Central London. The service runs approximately every two to three minutes in both directions, during the peaks, when all the possible destinations are considered.

2.12 Although a bit further afield in terms of walking distance, both Archway and Hampstead stations (on the two branches of the Northern Line) can be reached by bus in a slightly shorter time (around 15-20 minutes).

Public Transport Accessibility Level

- 2.13 Within London, the accessibility of a site by public transport is determined by reference to a Public Transport Accessibility Index (PTAI), which in turn is summarised by a Public Transport Accessibility Level (PTAL). The Public Transport Accessibility Level (PTAL) methodology calculates an Accessibility Index in order to quantify how accessible a site is by public transport services.
- 2.14 PTAL is considered to be an accurate measure of the accessibility of a point to the public transport network, taking into account walk access and service frequency. When considering accessibility, a maximum walking distance of 640 m is used to access bus services and 960 m for rail services. The Accessibility Index of the Site has been determined in accordance with Transport for London's (TfL) Transport Assessment Best Practice Guidance.
- 2.15 As a consequence of the PTAL methodology and limitations, the PTAL score of the Site is 1b, which equates to a poor rating of public transport access. However, as noted, bus routes provide frequent bus services to local destinations, including London Underground stations.

Local Highway Network

- 2.16 The Bishop Avenue is a 9.0 to 9.5m wide (approximately) carriageway with verges and footways of circa 2m provided on each side. This road is located adjacently to the western boundary of the Site and is subject to a 40mph speed limit. Direct accesses to individual properties, in the form of crossovers are located along the road, including directly opposite to the Site.

Figure 2.3 The Bishops Avenue



Site Visit (TPA, February 2021)

- 2.17 Courtenay Avenue is part of a private residential road network; it is circa 8m in width. This road provides site users with access to the Site but requires passing through the security barriers and staffed hut off Hampstead Lane.

- 2.18 Hampstead Lane is a B road (B519) and borders the Site to the south carrying traffic between Hampstead and Highgate. This road is a single carriageway road approximately 12m to 13m (depending on the location) in width with footpaths of circa 2.5m provided on each side of the road. Hampstead Lane provides a direct vehicular route from the site to the school and is subject to a 20mph speed limit in the section directly adjacent to the Site.

Parking

- 2.19 Hampstead Lane and The Bishop Avenue are not part of a controlled parking zone (CPZ). Parking is unrestricted on these roads, except near the junctions, where double yellow lines are provided. Courtenay Avenue is a private road, with access restricted to school maintenance vehicles and residents.

Survey

- 2.20 A one week Automatic Traffic Count (ATC) survey was undertaken starting on the 3rd March 2021 on The Bishops Avenue by 360 TSL. The location of the ATC is shown below and the full results are included in **Appendix A**.

Figure 2.4 ATC survey location



360 TLS

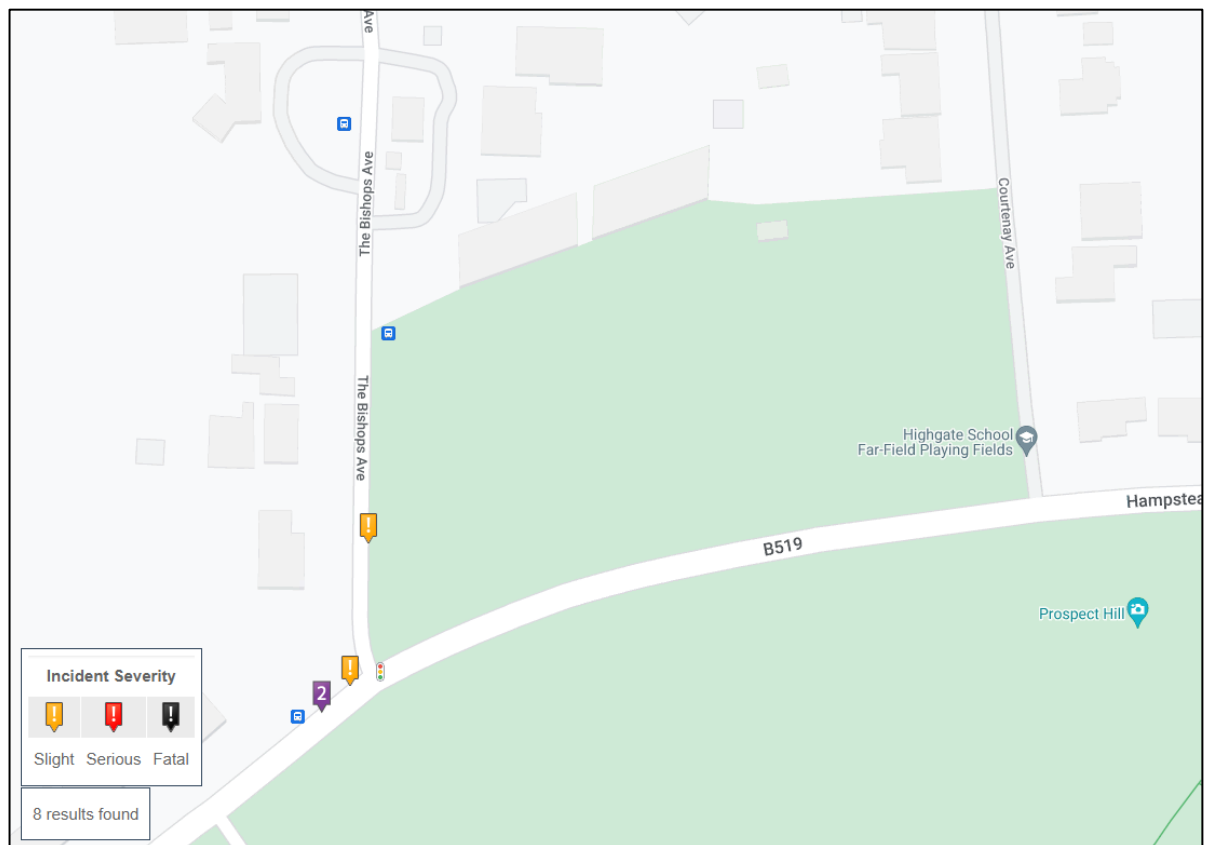
- 2.21 The survey revealed that the total flow on Bishop Avenue is around 500 vehicles during the traditional AM peak and around 700 during the PM peak, with daily flows slightly in excess of 7,000 vehicles. The survey has also revealed that the average and 85th percentile speeds for vehicles utilising this road are well below the posted speed limit of 40mph, with average speeds in the two directions being around or lower than 20mph (20.4mph and 17.3mph in the two directions).
- 2.22 The results of this survey are shown in Table 2.2 below.

Table 2.2 ATC results for The Bishops Avenue

	Northbound	Southbound	Two-way
Traffic Volumes (5-day averages)			
AM Peak (08:00 – 09:00)	198	295	494
PM Peak (17:00 – 18:00)	514	190	705
Daily	3,968	3,084	7,052
Speeds (mph)			
Average	20.4	17.3	19.0
85 th Percentile	26.3	23.8	25.3

Road Safety

- 2.23 This report includes Personal Injury Collision (PIC) data from CrashMap for the most recent five years up to 2020 near the Site. CrashMap compiles data collected by the police, when a road traffic collision occurs on British roads results in injury, into an easy to use format showing each collision on a map. CrashMap data for the Site is show in **Figure 2.5** below.

Figure 2.5 CrashMap

Source: © CrashMap

- 2.24 The search revealed that one slight PIC occurred along The Bishops Avenue and 3 along Hampstead Lane over the last five years, including one at the junction between these two roads.
- 2.25 Within the vicinity of the Site, in consideration of the frequency and the severity of the accidents, it is concluded that no existing road safety hotspots can be identified.

3 National and Local Planning Policy

Overview

3.1 This Chapter of the TS refers to the relevant national and local land use and transport planning policies and will outline how the transport infrastructure of the proposed development meets governmental requirements. The documents that have been reviewed in relation to this planning application are:

- The National Planning Policy Framework (2019);
- The London Plan (2021); and
- The Haringey Local Plan (2017); and
- Highgate School SPD.

National Planning Policy

National Planning Policy Framework (NPPF)

3.2 The National Planning Policy Framework (NPPF) sets out the Government's planning policies for England and the application thereof, providing a framework within which local authorities can produce plans for development.

3.3 The NPPF defines a sustainable transport mode as follows:

"Any efficient, safe and accessible means of transport with overall low impact on the environment, including walking and cycling, ultra low and zero emission vehicles, car sharing and public transport"¹.

3.4 Regarding sustainability, it states that:

"The purpose of the planning system is to contribute to the achievement of sustainable development. At a very high level, the objective of sustainable development can be summarised as meeting the needs of the present without compromising the ability of future generations to meet their own needs"².

3.5 Regarding transport assessments and statements and travel plans, it states that:

¹ Annex 2, Glossary, p. 73

² Paragraph 7

"All developments that will generate significant amounts of movement should be required to provide a travel plan, and the application should be supported by a transport statement or transport assessment so that the likely impacts of the proposal can be assessed"³.

3.6 According to the NPPF, with regards to parking standards:

"Maximum parking standards for residential and non-residential development should only be set where there is a clear and compelling justification that they are necessary for managing the local road network, or for optimising the density of development in city and town centres and other locations that are well served by public transport [...]"⁴.

3.7 According to the NPPF, applications for development should, inter alia:

"a) give priority first to pedestrian and cycle movements, both within the scheme and with neighbouring areas; and second – so far as possible – to facilitating access to high quality public transport, with layouts that maximise the catchment area for bus or other public transport services, and appropriate facilities that encourage public transport use;

b) address the needs of people with disabilities and reduced mobility in relation to all modes of transport;

c) create places that are safe, secure and attractive – which minimise the scope for conflicts between pedestrians, cyclists and vehicles, avoid unnecessary street clutter, and respond to local character and design standards;

d) allow for the efficient delivery of goods, and access by service and emergency vehicles; and

e) be designed to enable charging of plug-in and other ultra-low emission vehicles in safe, accessible and convenient locations"⁵.

3.8 Considering development proposals:

"Development should only be prevented or refused on highways grounds if there would be an unacceptable impact on highway safety, or the residual cumulative impacts on the road network would be severe"⁶.

3.9 As set out within the SPD, the proposed developments do not seek to increase staff or student numbers across the estate, which will remain within the licenced capacity. As such, there is unlikely to be significant impact on the local highway or transport network; therefore, in the context of the NPPF, no severe impact could be predicted as a result of the proposals.

³ Paragraph 113

⁴ Paragraph 106

⁵ Paragraph 112

⁶ Paragraph 111

Regional and Local Planning Policy

London Plan 2021

- 3.10 The London Plan (March 2021) is the third London Plan which concerns all 32 London boroughs and the Corporation of London. This document sets out policies to accommodate the expected growth of the city in a sustainable way covering a period over the next 20-25 years and has been adopted by the Greater London Authority (GLA).

- 3.11 Enabling sustainable modes of transport supports the Mayor's vision (later described in this Chapter). The London Plan states that London should be:

"improving processes, opening up new markets and allowing more flexible working. Convenient transport connections and street, rail and waterway networks that allow the efficient movement of goods and people are also vital, alongside the schools, healthcare facilities and other amenities that employees need to be healthy and productive (para 1.5.4)"

- 3.12 Policy S3 focusses upon Education and Childcare facilities emphasising the need to:

"locate facilities in accessible locations, with good public transport accessibility and access by walking and cycling;

maximise the extended or multiple use of educational facilities for community or recreational use, through appropriate design measures; and

ensure that new developments are accessible and inclusive for a range of users, including disabled people, by adopting an inclusive design approach"

- 3.13 There are a large range public transport services located within walking or cycle distance of the Site encouraging staff and students to use sustainable transport methods.

Haringey's Local Plan (2017)

- 3.14 Haringey's Local Plan: Strategic Policies was adopted by the Borough in 2013, to replace the Unitary Development Plan (UDP), with subsequent alterations adopted on 24 July 2017. The purpose of the document is to set out the long term vision of how Haringey should develop by 2026 and sets out the council's strategy for achieving that vision including high-level strategic policies used in determining planning applications.

- 3.15 As part of policy SP0, Presumption in Favour of Sustainable Development, it states that:

"When considering development proposals the Council will take a positive approach that reflects the presumption in favour of sustainable development contained in the National Planning Policy Framework (NPPF). The Council will always work proactively with applicants to find solutions, which mean that proposals can be approved wherever possible and to secure development that improves the economic social and environmental conditions in Haringey. Planning applications that accord with the policies in Haringey's Local Plan (and, where relevant, with policies in neighbourhood plans) will be approved without delay, unless material considerations indicate otherwise."

- 3.16 SP7 focusses on transport and its key aim is to:

"ensure all development is properly integrated with all forms of transport".

- 3.17 As stated throughout the TS, the policy above is met.

- 3.18 With regards to schools, SP16 Community Facilities outlines that the Council want to improve and enhance community facilities in the borough. One of the key targets of this policy is to ensure the *"provision of additional school places"* as part of its plan to:

"improve supporting facilities, services and infrastructure".

- 3.19 The proposals are in line with Haringey Borough desire to improve supporting facilities, services and infrastructure at the local schools. These principles are in line with those included in the London Plan.

Highgate School Supplementary Planning Document (SPD) (2021)

- 3.20 The Highgate School Supplementary Planning Document (SPD) has been developed by Highgate School and Haringey Council in partnership and adopted in 2021. The SPD adds further detail to the policies in the development plan and provides further guidance for the whole development focusing on specific.

- 3.21 In regard to development at Far Field the SPD highlights that:

"The intent of the School is to undertake a series of engineering works to rectify/reduce the risk of flooding, to replace the amenity building capable of meeting the needs of a co-educational establishment and covering the main playing field areas in a green artificial surface to enable the area to have greater utility across a wider range of sports."

and:

"Any proposals on this site will need to:

- consider the impact on the characteristics of the local area;*
- consider the use of permeable materials;*
- be of a scale and nature commensurate with their purpose and the provisions of policy; and*
- consider the impact on the openness of the MOL."*

3.22 The proposed works at the Site are in line with the policies outlined and meet all the objective set out within the SPD. The development will enhance the utility of the recreational space providing a better educational environment for students. In addition to this, the applications at the various sites within School are not seeking an increase in staffing or student numbers and as such, there is unlikely to be noticeable impact on the local highway or transport networks.

3.23 As noted, in the SPD, the provision of improved educational facilities, even clustered or relocated from one site to another, envisages the pupil body normally moving between buildings on foot.

4 The Proposed Development

The Vision

- 4.1 The proposed redevelopment is part of the wider Masterplan at the School, which is set out in the SPD. The vision behind the proposed developments at the School is to modernise and renew, both in terms of safety, accessibility and appearance, the buildings and general facilities on several sites. This is to provide essential, flexible, good-quality and long-lasting educational facilities to meet the educational and other demands of a 21st Century establishment.
- 4.2 As set out within the SPD, the proposed developments do not seek to increase staff or student numbers across the estate, which will remain within the licenced capacity.

The Proposals

- 4.3 The proposed works at the Site include the following;
- Re-levelling of the playing surface utilising cut and fill, following topsoil removal. Excess topsoil is to be removed from the Site;
 - Formation of a pedestrian access ramp off Hampstead Lane;
 - Installation of a sand-carpet synthetic pitch, for hockey and netball use;
 - Aesthetic improvements to the existing changing block;
 - No changes to the building footprint;
 - Reinforced natural grass emergency vehicle path connecting the changing block to the Courtenay Avenue and The Bishops Avenue access points; and
 - Drainage improvements to enable more efficient and all year all weather use; and
- 4.4 Landscaping to enhance biodiversity. The proposed layout is included in **Appendix B**.

Access

Access on Courtenay Avenue

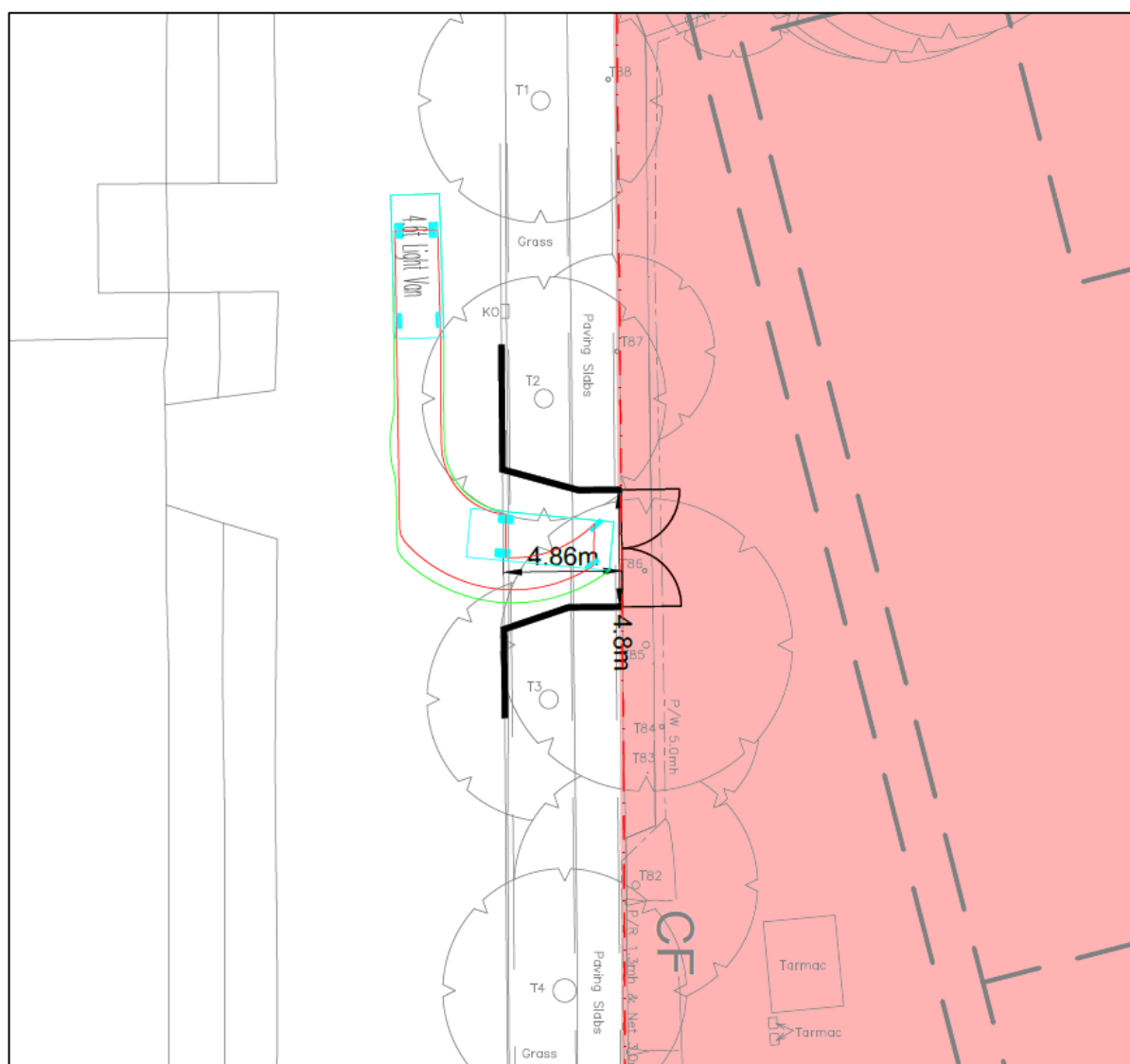
- 4.5 Primary access to the playing field is currently gained via the main entrance off Courtenay Avenue, which is suitable for maintenance vehicles. On route to this entrance are security barriers and a staffed hut at the junction of Courtenay Avenue and Hampstead Lane. This access will be retained.

Pedestrian Access on Hampstead Lane

- 4.6 The secondary existing pedestrian access off Hampstead Lane would avoid passing through the security barrier, however, this route is considered unsuitable and unsafe at present. This pedestrian access will undergo improvements to provide a steadier gradient which will provide a safe and more accessible access for pedestrians.
- 4.7 The proposals include the provision for disabled access by constructing a wheel-chair accessible artificial grass path. This will be installed from Courtenay Avenue access to the existing changing block.

Access on The Bishops Avenue

- 4.8 It is proposed to create a new double gate width vehicle access off The Bishops Avenue, to enable a second point of vehicle access, to provide flexibility and reduce the need to access the field from the existing access point within the gated road that is Courtenay Avenue.
- 4.9 The access will be in the form of a vehicular crossover and expected to be used occasionally and mainly by authorised staff, maintenance vehicles and emergency vehicles. It will be of similar character of the existing accesses to the residential properties fronting the road.
- 4.10 The ATC survey undertaken revealed speeds well below the posted speed limit (Table 2.2), with average speeds around or below 20mph and 85th percentile speeds around 25mph. The existing crossovers in the area, combined with the observed speed survey, the absence of road safety issues on the road and the predicted low usage of the new access make it suitable in form, size and location.
- 4.11 The access would be subject to detailed design as part of the S278 agreement with the London Borough of Barnet (as it falls within their jurisdiction). The gate will be set back around 5m from the edge of the carriageway, allowing a vehicle to wait at the gate without impeding the free flowing on The Bishops Avenue. This is illustratively shown in **Figure 4.1**.

Figure 4.1 Proposed access on The Bishops Avenue

TPA

Parking

- 4.12 There are no changes to the parking provision for this Site as part of the proposal. The Site is and will remain car-free. As noted, parking is mostly unrestricted in the local area, so car-borne users are able to park in the vicinity of the Site.

Emergency Access

- 4.13 Emergency vehicles will be able access to the Site via the proposed entrance off The Bishops Avenue, in addition to the existing one on Courtenay Avenue. This will improve access for emergency vehicles.

5 Development Impact

Trip Generation and Mode Split

- 5.1 The proposals consist of engineering works relating to refurbishments of the pitches and facilities and, importantly, are not seeking an increase of overall student or staffing numbers at the School. As a result, there is unlikely to be a significant change in trip attraction and generation patterns, especially during the peaks.
- 5.2 Importantly, it is noted that the SPD itself acknowledges that *“the Council recognises that the School is not seeking to undertake development that would lead to a significant impact in terms of traffic generation”* (Para 5.211).
- 5.3 The Site is accessible by all modes of travel (including walking, cycling and public transport), however some parents may choose to drive and park locally – as happens now.
- 5.4 Students and staff walk between school sites. For context, up to 50 pupils and 10 staff (approximately) use the pitches in the morning and up to 280 pupils and 15 staff (approximately) in the afternoon. All figures are indicative and depend on the time of the year.
- 5.5 Sports fixtures occur on around 28 Saturdays per year. Local pupils (circa 140) will walk from the Mallinson Sports Centre and visiting teams (up to 140) will be dropped typically by two coaches, stopping on Hampstead Lane or The Bishops Avenue. Some occasional use will in addition occur on Sundays and public holidays.
- 5.6 In conclusion, we concur with the conclusions set out by the Council in the SPD, i.e. that there will not be a significant impact resulting from these works, or change in mode share.

Construction Impact

- 5.7 A detailed draft of a Construction Logistics Plan has been prepared and submitted as a separate document as part of this application. It details the programme duration and phasing, the numbers of construction vehicle trips to and from the Site, arrangements to ensure the public highway is able to move freely and without impediment, and how footways and the carriageway will be kept clear of mud and debris during construction.

6 Summary and Conclusion

Summary

- 6.1 The development proposals consist of improvement works to Far Field, part of Highgate School. The scheme is part of the School's wider programme to relieve the pressure on the limited playing field space, consisting of the main School site fields off Bishopswood Road and Far Field off Hampstead Lane. The aim is to fully meet the sports and exercise curriculum, maximising the ability to accommodate predominantly hockey and provide the flexibility to play netball, tennis and other seasonal sports activities through all seasons of the year, which is not possible on Far Field at the present time.
- 6.2 The proposed developments do not seek to increase staff or student numbers across the estate, which will remain within the licenced capacity.
- 6.3 The Site is accessible by walking, cycling and public transport services, in the form of local buses and school services. No existing road safety hotspots have been identified in the vicinity of the Site and the accident rates are not predicted to increase as a result of the proposed development.
- 6.4 The existing access on Courtenay Avenue and pedestrian access on The Bishops Avenue will be retained, while the existing, disused pedestrian access on Hampstead Lane will be upgraded. A secondary vehicular access, in the form of a crossover, will be formed off The Bishops Avenue, and an ATC survey has revealed that its location is adequate, in the context of the observed speeds and the surrounding properties and crossovers on the road. This access is expected to be used occasionally, mainly by maintenance and emergency vehicles, as there is no car parking provided.
- 6.5 The SPD acknowledges that *"the Council recognises that the School is not seeking to undertake development that would lead to a significant impact in terms of traffic generation"*, and we concur that the proposed development is not predicted to have any noticeable impact on the local highway or public transport infrastructure, as no changes can be predicted in the way the users of the fields would reach the site compared to the existing situation.

Conclusion

- 6.6 The development proposals are consistent with local, regional and national planning policy. No adverse impact on the local highway or public transport infrastructure is anticipated, as a result of there being as a result of there being a limited number of additional trips associated with the proposed development. As such, it is considered that there is no reason to refuse the application on highway grounds.

APPENDIX A

Highgate ATC, The Bishops Avenue

Direction: Northbound

Hour Beginning	Wed Mar 03	Thu Mar 04	Fri Mar 05	Sat Mar 06	Sun Mar 07	Mon Mar 08	Tue Mar 09	5-Day Ave.	7-Day Ave.
00:00	15	21	38	50	45	27	19	24	31
01:00	13	22	15	37	48	25	12	17	25
02:00	14	11	6	14	30	11	13	11	14
03:00	18	11	11	13	14	10	15	13	13
04:00	12	9	11	16	9	10	13	11	11
05:00	21	27	17	11	11	15	23	21	18
06:00	65	53	55	25	31	57	55	57	49
07:00	143	116	121	67	53	128	149	131	111
08:00	217	191	190	117	79	194	200	198	170
09:00	218	213	227	158	123	219	222	220	197
10:00	310	230	264	228	178	263	295	272	253
11:00	317	248	307	286	228	301	256	286	278
12:00	376	296	371	309	240	377	273	339	320
13:00	353	318	345	353	253	360	304	336	327
14:00	377	373	356	367	302	364	375	369	359
15:00	377	392	379	366	312	388	374	382	370
16:00	503	483	513	384	331	470	473	488	451
17:00	513	497	508	354	323	544	509	514	464
18:00	442	408	459	253	267	454	399	432	383
19:00	276	282	309	231	184	300	279	289	266
20:00	176	152	227	174	144	151	143	170	167
21:00	96	116	139	120	83	81	120	110	108
22:00	75	71	106	100	64	69	64	77	78
23:00	40	38	72	68	42	30	42	44	47
Total									
12H(7-19)	4146	3765	4040	3242	2689	4062	3829	3968	3682
16H(6-22)	4759	4368	4770	3792	3131	4651	4426	4595	4271
18H(6-24)	4874	4477	4948	3960	3237	4750	4532	4716	4397
24H(0-24)	4967	4578	5046	4101	3394	4848	4627	4813	4509
AM Peak	11:00 317	11:00 248	11:00 307	11:00 286	11:00 228	11:00 301	10:00 295	11:00 286	11:00 278
PM Peak	17:00 513	17:00 497	16:00 513	16:00 384	16:00 331	17:00 544	17:00 509	17:00 514	17:00 464

Direction: Southbound

Hour Beginning	Wed Mar 03	Thu Mar 04	Fri Mar 05	Sat Mar 06	Sun Mar 07	Mon Mar 08	Tue Mar 09	5-Day Ave.	7-Day Ave.
00:00	23	21	28	34	34	26	21	24	27
01:00	11	15	15	24	19	14	13	14	16
02:00	11	7	13	15	16	9	8	10	11
03:00	5	6	5	8	15	4	4	5	7
04:00	12	11	15	12	10	13	16	13	13
05:00	60	50	54	23	17	52	56	54	45
06:00	266	264	266	81	51	284	274	271	212
07:00	335	400	430	159	83	431	319	383	308
08:00	234	344	335	202	135	329	235	295	259
09:00	314	295	296	208	150	293	304	300	266
10:00	257	260	269	259	210	272	271	266	257
11:00	273	232	278	263	198	276	256	263	254
12:00	231	246	229	311	213	214	249	234	242
13:00	247	248	259	354	245	261	243	252	265
14:00	280	235	294	329	256	302	222	267	274
15:00	262	219	254	311	266	256	233	245	257
16:00	231	187	234	283	251	191	172	203	221
17:00	198	176	199	231	230	209	170	190	202
18:00	183	176	211	196	168	183	177	186	185
19:00	169	149	194	165	121	137	156	161	156
20:00	102	103	127	144	91	82	112	105	109
21:00	72	77	93	98	66	46	68	71	74
22:00	46	53	80	90	53	38	54	54	59
23:00	22	25	49	57	43	33	30	32	37
Total									
12H(7-19)	3045	3018	3288	3106	2405	3217	2851	3084	2990
16H(6-22)	3654	3611	3968	3594	2734	3766	3461	3692	3541
18H(6-24)	3722	3689	4097	3741	2830	3837	3545	3778	3637
24H(0-24)	3844	3799	4227	3857	2941	3955	3663	3898	3755
AM Peak	07:00 335	07:00 400	07:00 430	11:00 263	10:00 210	07:00 431	07:00 319	07:00 383	07:00 308
PM Peak	14:00 280	13:00 248	14:00 294	13:00 354	15:00 266	14:00 302	12:00 249	14:00 267	14:00 274



Direction: Total Flow

Hour Beginning	Wed Mar 03	Thu Mar 04	Fri Mar 05	Sat Mar 06	Sun Mar 07	Mon Mar 08	Tue Mar 09	5-Day Ave.	7-Day Ave.
00:00	38	42	66	84	79	53	40	48	57
01:00	24	37	30	61	67	39	25	31	40
02:00	25	18	19	29	46	20	21	21	25
03:00	23	17	16	21	29	14	19	18	20
04:00	24	20	26	28	19	23	29	24	24
05:00	81	77	71	34	28	67	79	75	62
06:00	331	317	321	106	82	341	329	328	261
07:00	478	516	551	226	136	559	468	514	419
08:00	451	535	525	319	214	523	435	494	429
09:00	532	508	523	366	273	512	526	520	463
10:00	567	490	533	487	388	535	566	538	509
11:00	590	480	585	549	426	577	512	549	531
12:00	607	542	600	620	453	591	522	572	562
13:00	600	566	604	707	498	621	547	588	592
14:00	657	608	650	696	558	666	597	636	633
15:00	639	611	633	677	578	644	607	627	627
16:00	734	670	747	667	582	661	645	691	672
17:00	711	673	707	585	553	753	679	705	666
18:00	625	584	670	449	435	637	576	618	568
19:00	445	431	503	396	305	437	435	450	422
20:00	278	255	354	318	235	233	255	275	275
21:00	168	193	232	218	149	127	188	182	182
22:00	121	124	186	190	117	107	118	131	138
23:00	62	63	121	125	85	63	72	76	84
Total									
12H(7-19)	7191	6783	7328	6348	5094	7279	6680	7052	6672
16H(6-22)	8413	7979	8738	7386	5865	8417	7887	8287	7812
18H(6-24)	8596	8166	9045	7701	6067	8587	8077	8494	8034
24H(0-24)	8811	8377	9273	7958	6335	8803	8290	8711	8264
AM Peak	11:00 590	08:00 535	11:00 585	11:00 549	11:00 426	11:00 577	10:00 566	11:00 549	11:00 531
PM Peak	16:00 734	17:00 673	16:00 747	13:00 707	16:00 582	17:00 753	17:00 679	17:00 705	16:00 672

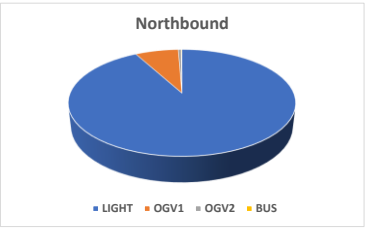
Highgate ATC, The Bishops Avenue

Direction: Northbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Wed 3 Mar	4967	4537	390	32	8
Thu 4 Mar	4578	4168	385	22	3
Fri 5 Mar	5046	4617	392	32	5
Sat 6 Mar	4101	3888	192	13	8
Sun 7 Mar	3394	3232	145	11	6
Mon 8 Mar	4848	4400	420	23	5
Tue 9 Mar	4627	4208	388	26	5
5 Day Ave.	4813	4386	395	27	5
7 Day Ave.	4509	4150	330	23	6

	Total Volume	LIGHT	OGV1	OGV2	BUS
Wed 16 May	100.0%	91.3%	7.9%	0.6%	0.2%
Thu 17 May	100.0%	91.0%	8.4%	0.5%	0.1%
Fri 18 May	100.0%	91.5%	7.8%	0.6%	0.1%
Sat 19 May	100.0%	94.8%	4.7%	0.3%	0.2%
Sun 20 May	100.0%	95.2%	4.3%	0.3%	0.2%
Mon 21 May	100.0%	90.8%	8.7%	0.5%	0.1%
Tue 22 May	100.0%	90.9%	8.4%	0.6%	0.1%
5 Day Ave.	100.0%	91.1%	8.2%	0.6%	0.1%
7 Day Ave.	100.0%	92.0%	7.3%	0.5%	0.1%

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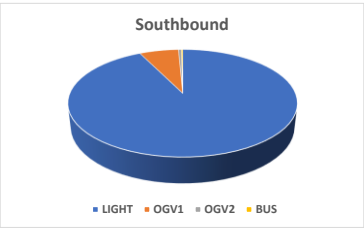


Direction: Southbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Wed 3 Mar	3844	3553	264	16	11
Thu 4 Mar	3799	3471	290	29	9
Fri 5 Mar	4227	3896	303	18	10
Sat 6 Mar	3857	3644	194	12	7
Sun 7 Mar	2941	2813	112	12	4
Mon 8 Mar	3955	3607	319	20	9
Tue 9 Mar	3663	3387	244	21	11
5 Day Ave.	3898	3583	284	21	10
7 Day Ave.	3755	3482	247	18	9

	Total Volume	LIGHT	OGV1	OGV2	BUS
Wed 16 May	100.0%	92.4%	6.9%	0.4%	0.3%
Thu 17 May	100.0%	91.4%	7.6%	0.8%	0.2%
Fri 18 May	100.0%	92.2%	7.2%	0.4%	0.2%
Sat 19 May	100.0%	94.5%	5.0%	0.3%	0.2%
Sun 20 May	100.0%	95.6%	3.8%	0.4%	0.1%
Mon 21 May	100.0%	91.2%	8.1%	0.5%	0.2%
Tue 22 May	100.0%	92.5%	6.7%	0.6%	0.3%
5 Day Ave.	100.0%	91.9%	7.3%	0.5%	0.3%
7 Day Ave.	100.0%	92.7%	6.6%	0.5%	0.2%

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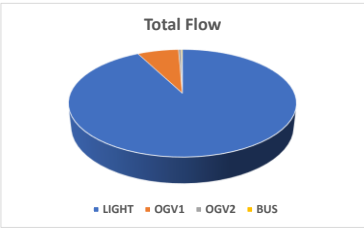


Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Wed 3 Mar	8811	8090	654	48	19
Thu 4 Mar	8377	7639	675	51	12
Fri 5 Mar	9273	8513	695	50	15
Sat 6 Mar	7958	7532	386	25	15
Sun 7 Mar	6335	6045	257	23	10
Mon 8 Mar	8803	8007	739	43	14
Tue 9 Mar	8290	7595	632	47	16
5 Day Ave.	8711	7969	679	48	15
7 Day Ave.	8264	7632	577	41	14

	Total Volume	LIGHT	OGV1	OGV2	BUS
Wed 16 May	100.0%	91.8%	7.4%	0.5%	0.2%
Thu 17 May	100.0%	91.2%	8.1%	0.6%	0.1%
Fri 18 May	100.0%	91.8%	7.5%	0.5%	0.2%
Sat 19 May	100.0%	94.6%	4.9%	0.3%	0.2%
Sun 20 May	100.0%	95.4%	4.1%	0.4%	0.2%
Mon 21 May	100.0%	91.0%	8.4%	0.5%	0.2%
Tue 22 May	100.0%	91.6%	7.6%	0.6%	0.2%
5 Day Ave.	100.0%	91.5%	7.8%	0.5%	0.2%
7 Day Ave.	100.0%	92.3%	7.0%	0.5%	0.2%

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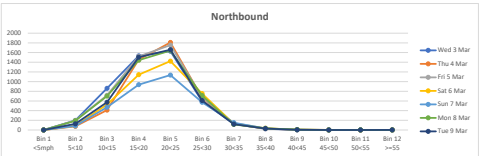


Highgate ATC, The Bishops Avenue

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Wed 3 Mar	4567	25.5	19.6	5.7	0	199	860	1511	1629	594	126	23	3	1	1	0
Thu 4 Mar	4578	26.3	20.9	5.2	0	75	410	1455	1809	667	127	27	5	1	0	2
Fri 5 Mar	5046	26.0	20.1	5.7	0	197	717	1519	1754	676	141	36	5	0	1	0
Sat 6 Mar	4101	26.8	20.9	5.7	0	87	526	1143	1423	751	127	35	8	1	0	0
Sun 7 Mar	3394	27.1	20.9	6.0	0	84	471	937	1135	574	151	32	6	2	2	0
Mon 8 Mar	4848	26.2	20.1	5.9	0	190	700	1443	1641	713	115	34	8	0	2	2
Tue 9 Mar	4627	25.9	20.3	5.5	0	127	574	1503	1659	608	121	30	3	0	0	2
5 Day Ave.	4813	26.0	20.2	5.6	0	158	652	1490	1698	652	126	30	5	0	1	1
7 Day Ave.	4509	26.3	20.4	5.7	0	137	608	1362	1579	655	130	31	5	1	1	1

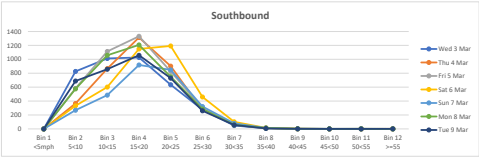
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Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Wed 3 Mar	3844	22.6	15.9	6.5	0	826	1013	1027	635	278	49	10	4	1	1	0
Thu 4 Mar	3799	23.7	17.6	5.8	0	366	867	1314	902	273	62	13	1	0	0	1
Fri 5 Mar	4227	23.1	16.8	6.1	0	583	1114	1331	827	297	59	13	1	1	1	0
Sat 6 Mar	3857	25.5	19.1	6.2	0	333	601	1150	1192	460	102	15	3	0	1	0
Sun 7 Mar	2941	25.3	18.8	6.2	0	269	486	919	849	321	80	14	2	0	1	0
Mon 8 Mar	3955	23.2	16.7	6.2	0	575	1059	1207	750	286	60	12	3	1	1	1
Tue 9 Mar	3663	23.1	16.5	6.4	0	698	858	1059	730	261	57	7	2	0	0	1
5 Day Ave.	3898	23.1	16.7	6.2	0	608	982	1183	769	279	57	11	2	1	1	1
7 Day Ave.	3755	23.8	17.3	6.2	0	520	857	1144	841	311	67	12	2	0	1	0

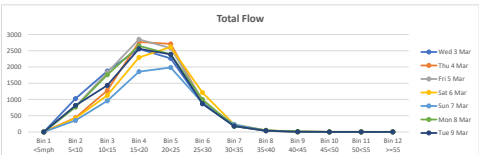
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Wed 3 Mar	8511	24.5	18.0	6.3	0	1025	1878	2558	2264	872	175	33	7	2	2	0
Thu 4 Mar	8377	25.4	19.4	5.7	0	441	1277	2769	2711	940	189	40	6	1	0	3
Fri 5 Mar	9273	24.9	18.6	6.1	0	780	1831	2850	2581	973	200	49	6	1	2	0
Sat 6 Mar	7958	26.2	20.0	6.0	0	420	1127	2293	2615	1211	229	50	11	1	1	0
Sun 7 Mar	6335	26.3	19.9	6.2	0	353	957	1856	1984	895	221	46	8	2	3	0
Mon 8 Mar	8803	25.1	18.6	6.3	0	765	1759	2650	2391	999	175	46	11	1	3	3
Tue 9 Mar	8290	25.0	18.6	6.2	0	815	1432	2562	2389	869	178	37	5	0	0	3
5 Day Ave.	8711	25.0	18.6	6.1	0	765	1634	2678	2467	931	183	41	7	1	1	2
7 Day Ave.	8264	25.3	19.0	6.1	0	657	1465	2505	2419	866	197	43	8	1	2	1

360 TSL Ltd



Highgate ATC, The Bishops Avenue

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 ≥55
Wed 3 Mar	627	23.2	17.8	5.2	0	31	152	250	152	34	6	1	0	0	1	0
Thu 4 Mar	478	24.4	19.4	4.9	0	10	78	170	172	43	4	0	1	0	0	0
Fri 5 Mar	571	23.5	18.0	5.3	0	29	123	240	134	36	6	2	0	0	1	0
Sat 6 Mar	514	22.9	17.8	4.9	0	19	134	202	124	31	3	1	0	0	0	0
Sun 7 Mar	406	22.5	17.6	4.8	0	15	107	163	100	18	3	0	0	0	0	0
Mon 8 Mar	564	23.5	18.1	5.2	0	22	120	244	133	37	5	2	0	0	1	0
Tue 9 Mar	551	22.7	17.3	5.2	0	45	133	207	133	29	4	0	0	0	0	0
5 Day Ave.	558	23.5	18.1	5.2	0	27	121	222	145	36	5	1	0	0	1	0
7 Day Ave.	530	23.3	18.0	5.1	0	24	121	211	135	33	4	1	0	0	0	0

360 TSL Ltd

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 ≥55
Wed 3 Mar	530	19.7	14.4	5.1	0	100	196	179	46	5	3	0	0	0	1	0
Thu 4 Mar	492	21.6	16.6	4.9	0	39	146	198	89	18	1	1	0	0	0	0
Fri 5 Mar	547	20.2	15.0	5.0	0	78	207	186	65	9	1	0	0	0	1	0
Sat 6 Mar	522	20.8	15.3	5.2	0	93	149	185	82	11	2	0	0	0	0	0
Sun 7 Mar	408	21.1	15.7	5.2	0	67	107	154	67	12	1	0	0	0	0	0
Mon 8 Mar	548	20.0	14.9	5.0	0	80	217	181	57	11	1	0	0	0	1	0
Tue 9 Mar	527	19.5	14.4	5.0	0	113	177	173	55	8	1	0	0	0	0	0
5 Day Ave.	529	20.2	15.1	5.0	0	82	189	183	62	10	1	0	0	0	1	0
7 Day Ave.	511	20.4	15.2	5.1	0	81	171	179	66	11	1	0	0	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 ≥55
Wed 3 Mar	1157	21.8	16.3	5.4	0	131	348	429	198	39	9	1	0	0	2	0
Thu 4 Mar	970	23.2	17.9	5.1	0	49	224	368	261	61	5	1	1	0	0	0
Fri 5 Mar	1118	22.1	16.6	5.4	0	107	330	426	199	45	7	2	0	0	2	0
Sat 6 Mar	1036	22.0	16.5	5.2	0	112	283	387	206	42	5	1	0	0	0	0
Sun 7 Mar	814	21.9	16.6	5.1	0	82	214	317	167	30	4	0	0	0	0	0
Mon 8 Mar	1112	22.1	16.5	5.3	0	102	337	425	190	48	6	2	0	0	2	0
Tue 9 Mar	1078	21.4	15.9	5.3	0	158	310	380	188	37	5	0	0	0	0	0
5 Day Ave.	1087	22.1	16.6	5.3	0	109	310	406	207	46	6	1	0	0	1	0
7 Day Ave.	1041	22.1	16.6	5.3	0	106	292	390	201	43	6	1	0	0	1	0

360 TSL Ltd

Highgate ATC, The Bishops Avenue

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Wed 3 Mar	754	22.3	16.9	5.3	0	73	205	269	165	39	2	1	0	0	0	0
Thu 4 Mar	765	24.4	19.5	4.8	0	17	98	317	250	69	13	1	0	0	0	0
Fri 5 Mar	735	22.4	16.8	5.4	0	80	198	255	156	42	3	1	0	0	0	0
Sat 6 Mar	733	24.9	19.8	5.0	0	19	88	281	250	79	16	0	0	0	0	0
Sun 7 Mar	614	24.9	19.6	5.1	0	23	68	237	206	68	12	0	0	0	0	0
Mon 8 Mar	752	22.5	16.9	5.4	0	77	203	264	159	46	2	1	0	0	0	0
Tue 9 Mar	749	24.4	19.3	4.9	0	19	97	318	235	66	13	1	0	0	0	0
5 Day Ave.	751	23.2	17.9	5.2	0	53	160	285	193	52	7	1	0	0	0	0
7 Day Ave.	729	23.7	18.4	5.1	0	44	137	277	203	58	9	1	0	0	0	0

360 TSL Ltd

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Wed 3 Mar	542	18.9	13.8	5.0	0	127	220	147	30	16	2	0	0	0	0	0
Thu 4 Mar	454	20.7	15.7	4.8	0	53	143	179	70	8	1	0	0	0	0	0
Fri 5 Mar	548	18.9	13.8	4.9	0	130	212	160	30	14	2	0	0	0	0	0
Sat 6 Mar	640	23.9	18.2	5.5	0	56	98	255	165	61	5	0	0	0	0	0
Sun 7 Mar	522	23.7	18.2	5.4	0	46	80	208	140	44	4	0	0	0	0	0
Mon 8 Mar	558	18.8	13.8	4.9	0	131	212	173	26	14	2	0	0	0	0	0
Tue 9 Mar	455	20.8	15.7	4.9	0	60	137	172	75	11	0	0	0	0	0	0
5 Day Ave.	511	19.6	14.6	4.9	0	100	185	166	46	13	1	0	0	0	0	0
7 Day Ave.	531	20.8	15.6	5.0	0	86	157	185	77	24	2	0	0	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Wed 3 Mar	1296	21.1	15.6	5.4	0	200	425	416	195	55	4	1	0	0	0	0
Thu 4 Mar	1219	23.4	18.1	5.1	0	70	241	496	320	77	14	1	0	0	0	0
Fri 5 Mar	1283	21.1	15.5	5.4	0	210	410	415	186	56	5	1	0	0	0	0
Sat 6 Mar	1373	24.5	19.0	5.3	0	75	186	536	415	140	21	0	0	0	0	0
Sun 7 Mar	1136	24.4	19.0	5.3	0	69	148	445	346	112	16	0	0	0	0	0
Mon 8 Mar	1310	21.1	15.6	5.4	0	208	415	437	185	60	4	1	0	0	0	0
Tue 9 Mar	1204	23.3	18.0	5.2	0	79	234	490	310	77	13	1	0	0	0	0
5 Day Ave.	1262	22.0	16.5	5.3	0	153	345	451	239	65	8	1	0	0	0	0
7 Day Ave.	1260	22.7	17.2	5.3	0	130	294	462	280	82	11	1	0	0	0	0

360 TSL Ltd

Highgate ATC, The Bishops Avenue

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	15	14	1	0	0
01:00	13	11	0	2	0
02:00	14	10	2	0	2
03:00	18	17	1	0	0
04:00	12	11	1	0	0
05:00	21	18	3	0	0
06:00	65	58	6	0	1
07:00	143	126	17	0	0
08:00	217	194	22	1	0
09:00	218	204	13	0	1
10:00	310	275	30	4	1
11:00	317	288	27	1	1
12:00	376	334	38	4	0
13:00	353	323	29	1	0
14:00	377	342	33	2	0
15:00	377	347	27	2	1
16:00	503	461	36	6	0
17:00	513	457	49	6	1
18:00	442	414	27	1	0
19:00	276	264	11	1	0
20:00	176	165	10	1	0
21:00	96	92	4	0	0
22:00	75	73	2	0	0
23:00	40	39	1	0	0
Total					
12H(7-19)	4146	3765	348	28	5
16H(6-22)	4759	4344	379	30	6
18H(6-24)	4874	4456	382	30	6
24H(0-24)	4967	4537	390	32	8
AM Peak	11:00	11:00	10:00	10:00	02:00
	317	288	30	4	2
PM Peak	17:00	16:00	17:00	16:00	15:00
	513	461	49	6	1

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	23	21	2	0	0
01:00	11	10	1	0	0
02:00	11	10	1	0	0
03:00	5	4	1	0	0
04:00	12	11	1	0	0
05:00	60	55	4	0	1
06:00	266	223	39	2	2
07:00	335	311	21	0	3
08:00	234	218	15	0	1
09:00	314	280	31	2	1
10:00	257	231	22	3	1
11:00	273	253	20	0	0
12:00	231	209	18	4	0
13:00	247	231	16	0	0
14:00	280	262	17	1	0
15:00	262	249	11	1	1
16:00	231	219	10	1	1
17:00	198	189	9	0	0
18:00	183	174	8	1	0
19:00	169	162	6	1	0
20:00	102	99	3	0	0
21:00	72	69	3	0	0
22:00	46	43	3	0	0
23:00	22	20	2	0	0
Total					
12H(7-19)	3045	2826	198	13	8
16H(6-22)	3654	3379	249	16	10
18H(6-24)	3722	3442	254	16	10
24H(0-24)	3844	3553	264	16	11
AM Peak	07:00	07:00	06:00	10:00	07:00
	335	311	39	3	3
PM Peak	14:00	14:00	12:00	12:00	15:00
	280	262	18	4	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	38	35	3	0	0
01:00	24	21	1	2	0
02:00	25	20	3	0	2
03:00	23	21	2	0	0
04:00	24	22	2	0	0
05:00	81	73	7	0	1
06:00	331	281	45	2	3
07:00	478	437	38	0	3
08:00	451	412	37	1	1
09:00	532	484	44	2	2
10:00	567	506	52	7	2
11:00	590	541	47	1	1
12:00	607	543	56	8	0
13:00	600	554	45	1	0
14:00	657	604	50	3	0
15:00	639	596	38	3	2
16:00	734	680	46	7	1
17:00	711	646	58	6	1
18:00	625	588	35	2	0
19:00	445	426	17	2	0
20:00	278	264	13	1	0
21:00	168	161	7	0	0
22:00	121	116	5	0	0
23:00	62	59	3	0	0
Total					
12H(7-19)	7191	6591	546	41	13
16H(6-22)	8413	7723	628	46	16
18H(6-24)	8596	7898	636	46	16
24H(0-24)	8811	8090	654	48	19
AM Peak	11:00	11:00	10:00	10:00	06:00
	590	541	52	7	3
PM Peak	16:00	16:00	17:00	12:00	15:00
	734	680	58	8	2

360 TSL Ltd

Highgate ATC, The Bishops Avenue

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	21	18	3	0	0
01:00	22	21	1	0	0
02:00	11	11	0	0	0
03:00	11	10	1	0	0
04:00	9	7	2	0	0
05:00	27	26	1	0	0
06:00	53	47	6	0	0
07:00	116	110	6	0	0
08:00	191	178	11	1	1
09:00	213	184	27	1	1
10:00	230	212	17	1	0
11:00	248	210	36	2	0
12:00	296	250	44	2	0
13:00	318	287	29	2	0
14:00	373	320	51	2	0
15:00	392	359	33	0	0
16:00	483	438	41	3	1
17:00	497	461	31	5	0
18:00	408	388	18	2	0
19:00	282	268	14	0	0
20:00	152	148	4	0	0
21:00	116	108	7	1	0
22:00	71	70	1	0	0
23:00	38	37	1	0	0
Total					
12H(7-19)	3765	3397	344	21	3
16H(6-22)	4368	3968	375	22	3
18H(6-24)	4477	4075	377	22	3
24H(0-24)	4578	4168	385	22	3
AM Peak	11:00	10:00	11:00	11:00	08:00
	248	212	36	2	1
PM Peak	17:00	17:00	14:00	17:00	16:00
	497	461	51	5	1

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	21	20	1	0	0
01:00	15	13	2	0	0
02:00	7	6	1	0	0
03:00	6	6	0	0	0
04:00	11	10	1	0	0
05:00	50	48	2	0	0
06:00	264	232	31	1	0
07:00	400	347	49	3	1
08:00	344	303	36	4	1
09:00	295	252	37	3	3
10:00	260	243	14	2	1
11:00	232	208	22	1	1
12:00	246	229	16	0	1
13:00	248	230	11	6	1
14:00	235	220	11	4	0
15:00	219	206	13	0	0
16:00	187	179	8	0	0
17:00	176	161	11	4	0
18:00	176	170	6	0	0
19:00	149	142	6	1	0
20:00	103	97	6	0	0
21:00	77	74	3	0	0
22:00	53	50	3	0	0
23:00	25	25	0	0	0
Total					
12H(7-19)	3018	2748	234	27	9
16H(6-22)	3611	3293	280	29	9
18H(6-24)	3689	3368	283	29	9
24H(0-24)	3799	3471	290	29	9
AM Peak	07:00	07:00	07:00	08:00	09:00
	400	347	49	4	3
PM Peak	13:00	13:00	12:00	13:00	12:00
	248	230	16	6	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	42	38	4	0	0
01:00	37	34	3	0	0
02:00	18	17	1	0	0
03:00	17	16	1	0	0
04:00	20	17	3	0	0
05:00	77	74	3	0	0
06:00	317	279	37	1	0
07:00	516	457	55	3	1
08:00	535	481	47	5	2
09:00	508	436	64	4	4
10:00	490	455	31	3	1
11:00	480	418	58	3	1
12:00	542	479	60	2	1
13:00	566	517	40	8	1
14:00	608	540	62	6	0
15:00	611	565	46	0	0
16:00	670	617	49	3	1
17:00	673	622	42	9	0
18:00	584	558	24	2	0
19:00	431	410	20	1	0
20:00	255	245	10	0	0
21:00	193	182	10	1	0
22:00	124	120	4	0	0
23:00	63	62	1	0	0
Total					
12H(7-19)	6783	6145	578	48	12
16H(6-22)	7979	7261	655	51	12
18H(6-24)	8166	7443	660	51	12
24H(0-24)	8377	7639	675	51	12
AM Peak	08:00	08:00	09:00	08:00	09:00
	535	481	64	5	4
PM Peak	17:00	17:00	14:00	17:00	12:00
	673	622	62	9	1

360 TSL Ltd

Highgate ATC, The Bishops Avenue

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	38	34	4	0	0
01:00	15	15	0	0	0
02:00	6	6	0	0	0
03:00	11	8	3	0	0
04:00	11	8	3	0	0
05:00	17	15	2	0	0
06:00	55	51	4	0	0
07:00	121	112	8	1	0
08:00	190	174	14	2	0
09:00	227	197	30	0	0
10:00	264	240	22	0	2
11:00	307	275	30	1	1
12:00	371	323	45	3	0
13:00	345	311	32	2	0
14:00	356	323	31	2	0
15:00	379	345	31	2	1
16:00	513	466	41	6	0
17:00	508	463	39	5	1
18:00	459	436	20	3	0
19:00	309	296	11	2	0
20:00	227	212	14	1	0
21:00	139	133	5	1	0
22:00	106	104	1	1	0
23:00	72	70	2	0	0
Total					
12H(7-19)	4040	3665	343	27	5
16H(6-22)	4770	4357	377	31	5
18H(6-24)	4948	4531	380	32	5
24H(0-24)	5046	4617	392	32	5
AM Peak	11:00	11:00	09:00	08:00	10:00
	307	275	30	2	2
PM Peak	16:00	16:00	12:00	16:00	15:00
	513	466	45	6	1

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	28	26	2	0	0
01:00	15	15	0	0	0
02:00	13	11	2	0	0
03:00	5	5	0	0	0
04:00	15	12	3	0	0
05:00	54	48	6	0	0
06:00	266	234	31	1	0
07:00	430	370	55	2	3
08:00	335	304	25	5	1
09:00	296	257	32	4	3
10:00	269	245	23	0	1
11:00	278	254	24	0	0
12:00	229	212	15	2	0
13:00	259	241	18	0	0
14:00	294	272	21	1	0
15:00	254	240	12	1	1
16:00	234	223	9	1	1
17:00	199	190	9	0	0
18:00	211	208	3	0	0
19:00	194	190	3	1	0
20:00	127	121	6	0	0
21:00	93	93	0	0	0
22:00	80	78	2	0	0
23:00	49	47	2	0	0
Total					
12H(7-19)	3288	3016	246	16	10
16H(6-22)	3968	3654	286	18	10
18H(6-24)	4097	3779	290	18	10
24H(0-24)	4227	3896	303	18	10
AM Peak	07:00	07:00	07:00	08:00	07:00
	430	370	55	5	3
PM Peak	14:00	14:00	14:00	12:00	15:00
	294	272	21	2	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	66	60	6	0	0
01:00	30	30	0	0	0
02:00	19	17	2	0	0
03:00	16	13	3	0	0
04:00	26	20	6	0	0
05:00	71	63	8	0	0
06:00	321	285	35	1	0
07:00	551	482	63	3	3
08:00	525	478	39	7	1
09:00	523	454	62	4	3
10:00	533	485	45	0	3
11:00	585	529	54	1	1
12:00	600	535	60	5	0
13:00	604	552	50	2	0
14:00	650	595	52	3	0
15:00	633	585	43	3	2
16:00	747	689	50	7	1
17:00	707	653	48	5	1
18:00	670	644	23	3	0
19:00	503	486	14	3	0
20:00	354	333	20	1	0
21:00	232	226	5	1	0
22:00	186	182	3	1	0
23:00	121	117	4	0	0
Total					
12H(7-19)	7328	6681	589	43	15
16H(6-22)	8738	8011	663	49	15
18H(6-24)	9045	8310	670	50	15
24H(0-24)	9273	8513	695	50	15
AM Peak	11:00	11:00	07:00	08:00	07:00
	585	529	63	7	3
PM Peak	16:00	16:00	12:00	16:00	15:00
	747	689	60	7	2

360 TSL Ltd

Highgate ATC, The Bishops Avenue

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	50	49	1	0	0
01:00	37	34	3	0	0
02:00	14	13	1	0	0
03:00	13	13	0	0	0
04:00	16	14	2	0	0
05:00	11	8	3	0	0
06:00	25	24	1	0	0
07:00	67	61	6	0	0
08:00	117	108	9	0	0
09:00	158	147	11	0	0
10:00	228	213	14	1	0
11:00	286	273	10	1	2
12:00	309	290	14	1	4
13:00	353	335	15	3	0
14:00	367	349	18	0	0
15:00	366	342	20	4	0
16:00	384	370	11	1	2
17:00	354	340	14	0	0
18:00	253	240	13	0	0
19:00	231	216	13	2	0
20:00	174	167	7	0	0
21:00	120	117	3	0	0
22:00	100	98	2	0	0
23:00	68	67	1	0	0
Total					
12H(7-19)	3242	3068	155	11	8
16H(6-22)	3792	3592	179	13	8
18H(6-24)	3960	3757	182	13	8
24H(0-24)	4101	3888	192	13	8
AM Peak	11:00	11:00	10:00	10:00	11:00
	286	273	14	1	2
PM Peak	16:00	16:00	15:00	15:00	12:00
	384	370	20	4	4

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	34	33	1	0	0
01:00	24	24	0	0	0
02:00	15	14	1	0	0
03:00	8	7	1	0	0
04:00	12	10	2	0	0
05:00	23	20	2	0	1
06:00	81	70	11	0	0
07:00	159	144	15	0	0
08:00	202	179	21	0	2
09:00	208	196	12	0	0
10:00	259	242	12	5	0
11:00	263	255	7	1	0
12:00	311	293	16	1	1
13:00	354	319	33	0	2
14:00	329	314	15	0	0
15:00	311	300	8	3	0
16:00	283	275	7	1	0
17:00	231	218	12	1	0
18:00	196	191	4	0	1
19:00	165	163	2	0	0
20:00	144	141	3	0	0
21:00	98	93	5	0	0
22:00	90	88	2	0	0
23:00	57	55	2	0	0
Total					
12H(7-19)	3106	2926	162	12	6
16H(6-22)	3594	3393	183	12	6
18H(6-24)	3741	3536	187	12	6
24H(0-24)	3857	3644	194	12	7
AM Peak	11:00	11:00	08:00	10:00	08:00
	263	255	21	5	2
PM Peak	13:00	13:00	13:00	15:00	13:00
	354	319	33	3	2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	84	82	2	0	0
01:00	61	58	3	0	0
02:00	29	27	2	0	0
03:00	21	20	1	0	0
04:00	28	24	4	0	0
05:00	34	28	5	0	1
06:00	106	94	12	0	0
07:00	226	205	21	0	0
08:00	319	287	30	0	2
09:00	366	343	23	0	0
10:00	487	455	26	6	0
11:00	549	528	17	2	2
12:00	620	583	30	2	5
13:00	707	654	48	3	2
14:00	696	663	33	0	0
15:00	677	642	28	7	0
16:00	667	645	18	2	2
17:00	585	558	26	1	0
18:00	449	431	17	0	1
19:00	396	379	15	2	0
20:00	318	308	10	0	0
21:00	218	210	8	0	0
22:00	190	186	4	0	0
23:00	125	122	3	0	0
Total					
12H(7-19)	6348	5994	317	23	14
16H(6-22)	7386	6985	362	25	14
18H(6-24)	7701	7293	369	25	14
24H(0-24)	7958	7532	386	25	15
AM Peak	11:00	11:00	08:00	10:00	08:00
	549	528	30	6	2
PM Peak	13:00	14:00	13:00	15:00	12:00
	707	663	48	7	5

360 TSL Ltd

Highgate ATC, The Bishops Avenue

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	45	45	0	0	0
01:00	48	47	1	0	0
02:00	30	29	1	0	0
03:00	14	14	0	0	0
04:00	9	7	2	0	0
05:00	11	9	2	0	0
06:00	31	31	0	0	0
07:00	53	48	5	0	0
08:00	79	77	2	0	0
09:00	123	115	8	0	0
10:00	178	166	12	0	0
11:00	228	214	12	1	1
12:00	240	226	9	1	4
13:00	253	241	10	2	0
14:00	302	285	17	0	0
15:00	312	296	13	3	0
16:00	331	319	10	1	1
17:00	323	316	7	0	0
18:00	267	261	4	2	0
19:00	184	171	12	1	0
20:00	144	140	4	0	0
21:00	83	76	7	0	0
22:00	64	59	5	0	0
23:00	42	40	2	0	0
Total					
12H(7-19)	2689	2564	109	10	6
16H(6-22)	3131	2982	132	11	6
18H(6-24)	3237	3081	139	11	6
24H(0-24)	3394	3232	145	11	6
AM Peak	11:00	11:00	10:00	11:00	11:00
	228	214	12	1	1
PM Peak	16:00	16:00	14:00	15:00	12:00
	331	319	17	3	4

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	34	34	0	0	0
01:00	19	18	1	0	0
02:00	16	16	0	0	0
03:00	15	14	1	0	0
04:00	10	9	1	0	0
05:00	17	16	1	0	0
06:00	51	47	4	0	0
07:00	83	82	1	0	0
08:00	135	132	3	0	0
09:00	150	142	8	0	0
10:00	210	200	7	3	0
11:00	198	190	6	1	1
12:00	213	199	12	1	1
13:00	245	222	20	1	2
14:00	256	246	10	0	0
15:00	266	256	8	2	0
16:00	251	245	5	1	0
17:00	230	225	3	2	0
18:00	168	163	4	1	0
19:00	121	114	7	0	0
20:00	91	86	5	0	0
21:00	66	63	3	0	0
22:00	53	52	1	0	0
23:00	43	42	1	0	0
Total					
12H(7-19)	2405	2302	87	12	4
16H(6-22)	2734	2612	106	12	4
18H(6-24)	2830	2706	108	12	4
24H(0-24)	2941	2813	112	12	4
AM Peak	10:00	10:00	09:00	10:00	11:00
	210	200	8	3	1
PM Peak	15:00	15:00	13:00	15:00	13:00
	266	256	20	2	2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	79	79	0	0	0
01:00	67	65	2	0	0
02:00	46	45	1	0	0
03:00	29	28	1	0	0
04:00	19	16	3	0	0
05:00	28	25	3	0	0
06:00	82	78	4	0	0
07:00	136	130	6	0	0
08:00	214	209	5	0	0
09:00	273	257	16	0	0
10:00	388	366	19	3	0
11:00	426	404	18	2	2
12:00	453	425	21	2	5
13:00	498	463	30	3	2
14:00	558	531	27	0	0
15:00	578	552	21	5	0
16:00	582	564	15	2	1
17:00	553	541	10	2	0
18:00	435	424	8	3	0
19:00	305	285	19	1	0
20:00	235	226	9	0	0
21:00	149	139	10	0	0
22:00	117	111	6	0	0
23:00	85	82	3	0	0
Total					
12H(7-19)	5094	4866	196	22	10
16H(6-22)	5865	5594	238	23	10
18H(6-24)	6067	5787	247	23	10
24H(0-24)	6335	6045	257	23	10
AM Peak	11:00	11:00	10:00	10:00	11:00
	426	404	19	3	2
PM Peak	16:00	16:00	13:00	15:00	12:00
	582	564	30	5	5

360 TSL Ltd

Highgate ATC, The Bishops Avenue

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	27	25	2	0	0
01:00	25	24	1	0	0
02:00	11	9	2	0	0
03:00	10	9	1	0	0
04:00	10	9	1	0	0
05:00	15	12	3	0	0
06:00	57	53	4	0	0
07:00	128	118	9	1	0
08:00	194	179	14	1	0
09:00	219	190	29	0	0
10:00	263	239	22	1	1
11:00	301	263	36	1	1
12:00	377	324	51	2	0
13:00	360	327	31	2	0
14:00	364	329	34	1	0
15:00	388	351	33	3	1
16:00	470	426	39	4	1
17:00	544	495	47	2	0
18:00	454	424	27	2	1
19:00	300	282	15	3	0
20:00	151	144	7	0	0
21:00	81	75	6	0	0
22:00	69	65	4	0	0
23:00	30	28	2	0	0
Total					
12H(7-19)	4062	3665	372	20	5
16H(6-22)	4651	4219	404	23	5
18H(6-24)	4750	4312	410	23	5
24H(0-24)	4848	4400	420	23	5
AM Peak	11:00	11:00	11:00	07:00	10:00
	301	263	36	1	1
PM Peak	17:00	17:00	12:00	16:00	15:00
	544	495	51	4	1

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	26	25	1	0	0
01:00	14	12	2	0	0
02:00	9	9	0	0	0
03:00	4	3	1	0	0
04:00	13	12	1	0	0
05:00	52	46	6	0	0
06:00	284	248	35	1	0
07:00	431	369	56	2	4
08:00	329	293	29	6	1
09:00	293	248	38	5	2
10:00	272	250	20	1	1
11:00	276	250	26	0	0
12:00	214	199	13	2	0
13:00	261	241	20	0	0
14:00	302	280	21	1	0
15:00	256	241	13	1	1
16:00	191	186	5	0	0
17:00	209	202	7	0	0
18:00	183	177	6	0	0
19:00	137	131	5	1	0
20:00	82	78	4	0	0
21:00	46	41	5	0	0
22:00	38	36	2	0	0
23:00	33	30	3	0	0
Total					
12H(7-19)	3217	2936	254	18	9
16H(6-22)	3766	3434	303	20	9
18H(6-24)	3837	3500	308	20	9
24H(0-24)	3955	3607	319	20	9
AM Peak	07:00	07:00	07:00	08:00	07:00
	431	369	56	6	4
PM Peak	14:00	14:00	14:00	12:00	15:00
	302	280	21	2	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	53	50	3	0	0
01:00	39	36	3	0	0
02:00	20	18	2	0	0
03:00	14	12	2	0	0
04:00	23	21	2	0	0
05:00	67	58	9	0	0
06:00	341	301	39	1	0
07:00	559	487	65	3	4
08:00	523	472	43	7	1
09:00	512	438	67	5	2
10:00	535	489	42	2	2
11:00	577	513	62	1	1
12:00	591	523	64	4	0
13:00	621	568	51	2	0
14:00	666	609	55	2	0
15:00	644	592	46	4	2
16:00	661	612	44	4	1
17:00	753	697	54	2	0
18:00	637	601	33	2	1
19:00	437	413	20	4	0
20:00	233	222	11	0	0
21:00	127	116	11	0	0
22:00	107	101	6	0	0
23:00	63	58	5	0	0
Total					
12H(7-19)	7279	6601	626	38	14
16H(6-22)	8417	7653	707	43	14
18H(6-24)	8587	7812	718	43	14
24H(0-24)	8803	8007	739	43	14
AM Peak	11:00	11:00	09:00	08:00	07:00
	577	513	67	7	4
PM Peak	17:00	17:00	12:00	12:00	15:00
	753	697	64	4	2

360 TSL Ltd

Highgate ATC, The Bishops Avenue

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	19	18	1	0	0
01:00	12	12	0	0	0
02:00	13	11	2	0	0
03:00	15	14	1	0	0
04:00	13	11	2	0	0
05:00	23	20	3	0	0
06:00	55	50	4	0	1
07:00	149	133	16	0	0
08:00	200	181	18	1	0
09:00	222	203	18	0	1
10:00	295	263	27	4	1
11:00	256	228	25	2	1
12:00	273	234	37	2	0
13:00	304	274	27	3	0
14:00	375	323	50	2	0
15:00	374	342	32	0	0
16:00	473	436	33	3	1
17:00	509	465	38	6	0
18:00	399	377	20	2	0
19:00	279	261	18	0	0
20:00	143	139	4	0	0
21:00	120	109	10	1	0
22:00	64	63	1	0	0
23:00	42	41	1	0	0
Total					
12H(7-19)	3829	3459	341	25	4
16H(6-22)	4426	4018	377	26	5
18H(6-24)	4532	4122	379	26	5
24H(0-24)	4627	4208	388	26	5
AM Peak	10:00	10:00	10:00	10:00	06:00
	295	263	27	4	1
PM Peak	17:00	17:00	14:00	17:00	16:00
	509	465	50	6	1

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	21	19	2	0	0
01:00	13	12	1	0	0
02:00	8	7	1	0	0
03:00	4	3	1	0	0
04:00	16	15	1	0	0
05:00	56	52	3	0	1
06:00	274	234	37	1	2
07:00	319	300	17	0	2
08:00	235	222	12	0	1
09:00	304	272	29	1	2
10:00	271	245	24	1	1
11:00	256	231	25	0	0
12:00	249	232	15	1	1
13:00	243	227	8	7	1
14:00	222	208	9	5	0
15:00	233	219	14	0	0
16:00	172	165	7	0	0
17:00	170	151	15	4	0
18:00	177	172	5	0	0
19:00	156	150	5	1	0
20:00	112	107	5	0	0
21:00	68	63	5	0	0
22:00	54	51	3	0	0
23:00	30	30	0	0	0
Total					
12H(7-19)	2851	2644	180	19	8
16H(6-22)	3461	3198	232	21	10
18H(6-24)	3545	3279	235	21	10
24H(0-24)	3663	3387	244	21	11
AM Peak	07:00	07:00	06:00	06:00	06:00
	319	300	37	1	2
PM Peak	12:00	12:00	12:00	13:00	12:00
	249	232	15	7	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	40	37	3	0	0
01:00	25	24	1	0	0
02:00	21	18	3	0	0
03:00	19	17	2	0	0
04:00	29	26	3	0	0
05:00	79	72	6	0	1
06:00	329	284	41	1	3
07:00	468	433	33	0	2
08:00	435	403	30	1	1
09:00	526	475	47	1	3
10:00	566	508	51	5	2
11:00	512	459	50	2	1
12:00	522	466	52	3	1
13:00	547	501	35	10	1
14:00	597	531	59	7	0
15:00	607	561	46	0	0
16:00	645	601	40	3	1
17:00	679	616	53	10	0
18:00	576	549	25	2	0
19:00	435	411	23	1	0
20:00	255	246	9	0	0
21:00	188	172	15	1	0
22:00	118	114	4	0	0
23:00	72	71	1	0	0
Total					
12H(7-19)	6680	6103	521	44	12
16H(6-22)	7887	7216	609	47	15
18H(6-24)	8077	7401	614	47	15
24H(0-24)	8290	7595	632	47	16
AM Peak	10:00	10:00	10:00	10:00	06:00
	566	508	51	5	3
PM Peak	17:00	17:00	14:00	13:00	12:00
	679	616	59	10	1

360 TSL Ltd

Highgate ATC, The Bishops Avenue

Direction: Northbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	15	30.7	26.2	4.4	0	0	0	1	5	6	3	0	0	0	0	0
01:00	13	33.8	27.5	6.1	0	0	0	0	6	4	0	3	0	0	0	0
02:00	14	30.8	26.1	4.6	0	0	0	0	7	5	1	1	0	0	0	0
03:00	18	33.5	28.6	4.7	0	0	0	0	4	8	4	2	0	0	0	0
04:00	12	32.2	27.1	5.0	0	0	0	1	3	4	4	0	0	0	0	0
05:00	21	32.5	26.8	5.5	0	0	1	1	4	10	4	1	0	0	0	0
06:00	65	30.6	26.0	4.5	0	0	1	4	20	30	9	1	0	0	0	0
07:00	143	24.4	18.8	5.4	0	5	27	57	39	9	6	0	0	0	0	0
08:00	217	21.5	16.7	4.6	0	5	82	83	35	12	0	0	0	0	0	0
09:00	218	22.0	16.9	4.9	0	10	74	76	49	8	0	1	0	0	0	0
10:00	310	22.3	17.4	4.8	0	14	83	128	69	14	2	0	0	0	0	0
11:00	317	24.0	18.2	5.6	0	17	69	122	83	20	4	1	0	0	1	0
12:00	376	22.8	17.3	5.3	0	26	115	110	98	27	0	0	0	0	0	0
13:00	353	22.8	17.1	5.5	0	36	81	143	71	15	6	1	0	0	0	0
14:00	377	22.2	16.9	5.1	0	36	92	154	77	16	1	1	0	0	0	0
15:00	377	22.5	16.8	5.4	0	37	113	115	88	23	1	0	0	0	0	0
16:00	503	24.7	19.7	4.7	0	5	68	191	189	38	11	0	1	0	0	0
17:00	513	25.6	20.9	4.5	0	3	39	169	219	75	5	3	0	0	0	0
18:00	442	26.9	22.7	4.0	0	0	7	88	246	85	13	2	1	0	0	0
19:00	276	28.4	23.6	4.7	0	3	4	42	131	77	16	3	0	0	0	0
20:00	176	28.7	24.3	4.2	0	1	1	16	90	51	17	0	0	0	0	0
21:00	96	30.0	24.3	5.4	0	1	2	12	41	30	8	1	0	1	0	0
22:00	75	28.7	23.8	4.7	0	0	1	11	40	16	6	0	1	0	0	0
23:00	40	30.6	25.0	5.4	0	0	0	7	15	11	5	2	0	0	0	0
Total																
2H(10-12)	627	23.2	17.8	5.2	0	31	152	250	152	34	6	1	0	0	1	0
2H(14-16)	754	22.3	16.9	5.3	0	73	205	269	165	39	2	1	0	0	0	0
12H(7-19)	4146	24.1	18.6	5.3	0	194	850	1436	1263	342	49	9	2	0	1	0
24H(0-24)	4967	25.5	19.6	5.7	0	199	860	1531	1629	594	126	23	3	1	1	0
AM Peak	11:00 317	01:00 33.8	03:00 28.6	01:00 6.1	00:00 0	11:00 17	10:00 83	10:00 128	11:00 83	06:00 30	06:00 9	01:00 3	00:00 0	00:00 0	11:00 1	00:00 0
PM Peak	17:00 513	23:00 30.6	23:00 25.0	13:00 5.5	12:00 0	15:00 37	12:00 115	16:00 191	18:00 246	18:00 85	20:00 17	17:00 3	16:00 1	21:00 1	12:00 0	12:00 0

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	23	32.1	26.0	5.9	0	0	0	1	13	4	3	1	1	0	0	0
01:00	11	31.9	25.7	6.0	0	0	0	2	4	1	4	0	0	0	0	0
02:00	11	34.2	26.6	7.4	0	0	0	1	5	3	0	1	1	0	0	0
03:00	5	28.3	21.5	6.5	0	0	0	3	1	0	1	0	0	0	0	0
04:00	12	31.5	25.4	5.8	0	0	0	2	4	4	1	1	0	0	0	0
05:00	60	28.6	24.2	4.3	0	0	2	5	28	21	4	0	0	0	0	0
06:00	266	27.0	21.5	5.2	0	8	20	58	118	53	9	0	0	0	0	0
07:00	335	17.1	11.4	5.5	0	190	79	28	27	11	0	0	0	0	0	0
08:00	234	14.9	10.3	4.4	0	145	64	11	11	3	0	0	0	0	0	0
09:00	314	16.9	12.0	4.7	0	130	106	61	14	2	1	0	0	0	0	0
10:00	257	19.1	14.1	4.7	0	55	90	89	20	2	1	0	0	0	0	0
11:00	273	20.2	14.7	5.3	0	45	106	90	26	3	2	0	0	0	1	0
12:00	231	19.4	14.0	5.3	0	50	100	54	19	6	1	1	0	0	0	0
13:00	247	19.2	14.3	4.7	0	51	84	87	22	3	0	0	0	0	0	0
14:00	280	19.1	14.1	4.8	0	52	126	71	23	8	0	0	0	0	0	0
15:00	262	18.7	13.4	5.1	0	75	94	76	7	8	2	0	0	0	0	0
16:00	231	21.3	16.7	4.5	0	12	68	106	35	10	0	0	0	0	0	0
17:00	198	22.2	17.1	4.9	0	11	49	95	33	7	2	1	0	0	0	0
18:00	183	24.0	19.7	4.1	0	0	17	87	65	11	2	1	0	0	0	0
19:00	169	27.1	21.9	5.0	0	0	8	58	59	37	5	1	1	0	0	0
20:00	102	27.7	23.2	4.3	0	1	0	21	45	31	4	0	0	0	0	0
21:00	72	30.8	25.2	5.4	0	0	0	8	31	26	3	2	1	1	0	0
22:00	46	29.2	23.8	5.2	0	1	0	9	16	17	2	1	0	0	0	0
23:00	22	28.7	24.1	4.5	0	0	0	4	9	7	2	0	0	0	0	0
Total																
2H(10-12)	530	19.7	14.4	5.1	0	100	196	179	46	5	3	0	0	0	1	0
2H(14-16)	542	18.9	13.8	5.0	0	127	220	147	30	16	2	0	0	0	0	0
12H(7-19)	3045	19.6	14.0	5.4	0	816	983	855	302	74	11	3	0	0	1	0
24H(0-24)	3844	22.6	15.9	6.5	0	826	1013	1027	635	278	49	10	4	1	1	0
AM Peak	07:00 335	02:00 34.2	02:00 26.6	02:00 7.4	00:00 0	07:00 190	09:00 106	11:00 90	06:00 118	06:00 53	06:00 9	00:00 1	00:00 1	00:00 0	11:00 1	00:00 0
PM Peak	14:00 280	21:00 30.8	21:00 25.2	21:00 5.4	12:00 0	15:00 75	14:00 126	16:00 106	18:00 65	19:00 37	19:00 5	21:00 2	19:00 1	21:00 1	12:00 0	12:00 0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	38	31.6	26.1	5.3	0	0	0	2	18	10	6	1	1	0	0	0
01:00	24	32.9	26.7	6.0	0	0	0	2	10	5	4	3	0	0	0	0
02:00	25	32.3	26.3	5.8	0	0	0	1	12	8	1	2	1	0	0	0
03:00	23	33.1	27.1	5.8	0	0	0	3	5	8	5	2	0	0	0	0
04:00	24	31.8	26.3	5.4	0	0	0	3	7	8	5	1	0	0	0	0
05:00	81	29.8	24.8	4.7	0	0	3	6	32	31	8	1	0	0	0	0
06:00	331	28.0	22.4	5.4	0	8	21	62	138	83	18	1	0	0	0	0
07:00	478	20.3	13.6	6.5	0	195	106	85	66	20	6	0	0	0	0	0
08:00	451	19.1	13.4	5.5	0	150	146	94	46	15	0	0	0	0	0	0
09:00	532	19.6	14.0	5.4	0	140	180	137	63	10	1	1	0	0	0	0
10:00	567	21.1	15.9	5.0	0	69	173	217	89	16	3	0	0	0	0	0
11:00	590	22.5	16.6	5.7	0	62	175	212	109	23	6	1	0	0	2	0
12:00	607	21.8	16.0	5.5	0	76	215	164	117	33	1	1	0	0	0	0
13:00	600	21.5	15.9	5.4	0	87	165	230	93	18	6	1	0	0	0	0
14:00	657	21.0	15.7	5.2	0	88	218	225	100	24	1	1	0	0	0	0
15:00	639	21.2	15.4	5.6	0	112	207	191	95	31	3	0	0	0	0	0
16:00	734	23.8	18.8	4.9	0	17	136	297	224	48	11	0	1	0	0	0
17:00	711	25.0	19.9	4.9	0	14	88	264	252	82	7	4	0	0	0	0
18:00	625	26.3	21.8	4.3	0	0	24	175	311	96	15	3	1	0	0	0
19:00	445	28.0	22.9	4.9	0	3	12	100	190	114	21	4	1	0	0	0
20:00	278	28.4	23.9	4.3	0	2	1	37	135	82	21	0	0	0	0	0
21:00	168	30.3	24.7	5.4	0	1	2	20	72	56	11	3	1	2	0	0
22:00	121	28.9	23.8	4.9	0	1	1	20	56	33	8	1	1	0	0	0
23:00	62	30.0	24.7	5.1	0	0	0	11	24	18	7	2	0	0	0	0
Total																
2H(10-12)	1157	21.8	16.3	5.4	0	131	348	429	198	39	9	1	0	0	2	0
2H(14-16)	1296	21.1	15.6	5.4	0	200	425	416	195	55	4	1	0	0	0	0
12H(7-19)	7191	22.7	16.7	5.8	0	1010	1833	2291	1565	416	60	12	2	0	2	0
24H(0-24)	8811	24.5	18.0	6.3	0	1025	1873	2558	2264	872	175	33	7	2	2	0
AM Peak	11:00	03:00	03:00	07:00	00:00	07:00	09:00	10:00	06:00	06:00	06:00	01:00	00:00	00:00	11:00	00:00
	590	33.1	27.1	6.5	0	195	180	217	138	83	18	3	1	0	2	0
PM Peak	16:00	21:00	21:00	15:00	12:00	15:00	14:00	16:00	18:00	19:00	19:00	17:00	16:00	21:00	12:00	12:00
	734	30.3	24.7	5.6	0	112	218	297	311	114	21	4	1	2	0	0

Highgate ATC, The Bishops Avenue

Direction: Northbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	21	31.1	25.8	5.1	0	0	0	3	6	7	5	0	0	0	0	0
01:00	22	30.8	24.1	6.4	0	1	1	3	4	12	0	1	0	0	0	0
02:00	11	28.5	24.3	4.0	0	0	0	1	6	3	1	0	0	0	0	0
03:00	11	28.3	25.7	2.5	0	0	0	0	4	7	0	0	0	0	0	0
04:00	9	33.3	27.5	5.6	0	0	0	1	2	2	4	0	0	0	0	0
05:00	27	33.2	27.1	5.9	0	0	0	2	8	11	3	2	1	0	0	0
06:00	53	29.9	24.7	5.0	0	0	1	10	14	21	7	0	0	0	0	0
07:00	116	26.0	20.9	4.9	0	1	9	35	55	15	0	0	0	1	0	0
08:00	191	25.2	20.4	4.6	0	2	16	70	81	17	4	1	0	0	0	0
09:00	213	24.0	19.1	4.8	0	4	34	90	64	18	3	0	0	0	0	0
10:00	230	24.1	18.7	5.2	0	8	47	82	71	20	1	0	1	0	0	0
11:00	248	24.6	19.9	4.5	0	2	31	88	101	23	3	0	0	0	0	0
12:00	296	25.1	19.7	5.2	0	16	26	108	106	36	4	0	0	0	0	0
13:00	318	25.3	20.6	4.6	0	5	24	106	148	27	6	2	0	0	0	0
14:00	373	24.0	18.8	5.0	0	14	60	154	111	28	5	1	0	0	0	0
15:00	392	24.8	20.1	4.5	0	3	38	163	139	41	8	0	0	0	0	0
16:00	483	26.3	20.4	5.6	0	11	54	163	173	72	8	0	0	0	0	2
17:00	497	25.6	20.9	4.5	0	5	34	159	231	57	8	3	0	0	0	0
18:00	408	26.7	21.9	4.6	0	2	18	108	196	68	13	3	0	0	0	0
19:00	282	26.0	22.0	3.8	0	0	8	69	148	55	2	0	0	0	0	0
20:00	152	30.5	25.0	5.3	0	1	4	16	54	55	19	2	1	0	0	0
21:00	116	30.8	25.4	5.2	0	0	1	11	48	38	12	5	1	0	0	0
22:00	71	31.9	25.8	5.9	0	0	2	8	22	25	9	4	1	0	0	0
23:00	38	30.4	24.2	6.0	0	0	2	5	17	9	2	3	0	0	0	0
Total																
2H(10-12)	478	24.4	19.4	4.9	0	10	78	170	172	43	4	0	1	0	0	0
2H(14-16)	765	24.4	19.5	4.8	0	17	98	317	250	69	13	1	0	0	0	0
12H(7-19)	3765	25.3	20.2	4.9	0	73	391	1326	1476	422	63	10	1	1	0	2
24H(0-24)	4578	26.3	20.9	5.2	0	75	410	1455	1809	667	127	27	5	1	0	2
AM Peak	11:00 248	04:00 33.3	04:00 27.5	01:00 6.4	00:00 0	10:00 8	10:00 47	09:00 90	11:00 101	11:00 23	06:00 7	05:00 2	05:00 1	07:00 1	00:00 0	00:00 0
PM Peak	17:00 497	22:00 31.9	22:00 25.8	23:00 6.0	12:00 0	12:00 16	14:00 60	15:00 163	17:00 231	16:00 72	20:00 19	21:00 5	20:00 1	12:00 0	12:00 0	16:00 2

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	21	31.8	25.4	6.2	0	0	0	4	7	6	3	0	1	0	0	0
01:00	15	26.2	21.8	4.2	0	0	1	3	8	3	0	0	0	0	0	0
02:00	7	34.9	24.6	9.9	0	1	0	1	1	2	1	1	0	0	0	0
03:00	6	28.2	22.5	5.5	0	0	0	2	3	0	1	0	0	0	0	0
04:00	11	34.5	28.4	5.8	0	0	0	1	2	3	4	1	0	0	0	0
05:00	50	31.7	25.6	5.9	0	2	1	2	14	22	8	1	0	0	0	0
06:00	264	28.1	22.6	5.3	0	3	22	38	127	57	13	4	0	0	0	0
07:00	400	21.4	15.2	6.0	0	105	94	95	96	8	1	1	0	0	0	0
08:00	344	21.4	15.8	5.3	0	61	77	133	61	12	0	0	0	0	0	0
09:00	295	20.9	15.8	5.0	0	39	88	116	41	11	0	0	0	0	0	0
10:00	260	21.6	16.8	4.5	0	17	64	126	42	11	0	0	0	0	0	0
11:00	232	21.7	16.3	5.3	0	22	82	72	47	7	1	1	0	0	0	0
12:00	246	22.4	17.2	5.1	0	16	66	103	42	18	1	0	0	0	0	0
13:00	248	20.1	15.4	4.5	0	23	100	90	30	4	1	0	0	0	0	0
14:00	235	20.1	14.9	5.0	0	40	80	82	28	4	1	0	0	0	0	0
15:00	219	21.1	16.6	4.4	0	13	63	97	42	4	0	0	0	0	0	0
16:00	187	22.6	16.8	5.6	0	10	60	82	24	9	1	0	0	0	0	1
17:00	176	22.5	17.8	4.5	0	5	40	77	47	6	1	0	0	0	0	0
18:00	176	24.4	19.7	4.6	0	3	16	81	60	10	6	0	0	0	0	0
19:00	149	25.7	21.0	4.6	0	1	9	54	61	20	3	1	0	0	0	0
20:00	103	28.8	23.1	5.5	0	2	3	21	45	21	9	2	0	0	0	0
21:00	77	27.7	22.8	4.7	0	1	1	16	40	14	4	1	0	0	0	0
22:00	53	27.0	22.4	4.4	0	1	0	13	26	11	2	0	0	0	0	0
23:00	25	28.8	23.3	5.3	0	1	0	5	8	10	1	0	0	0	0	0
Total																
2H(10-12)	492	21.6	16.6	4.9	0	39	146	198	89	18	1	1	0	0	0	0
2H(14-16)	454	20.7	15.7	4.8	0	53	143	179	70	8	1	0	0	0	0	0
12H(7-19)	3018	21.7	16.3	5.2	0	354	830	1154	560	104	13	2	0	0	0	1
24H(0-24)	3799	23.7	17.6	5.8	0	366	867	1314	902	273	62	13	1	0	0	1
AM Peak	07:00 400	02:00 34.9	04:00 28.4	02:00 9.9	00:00 0	07:00 105	07:00 94	08:00 133	06:00 127	06:00 57	06:00 13	06:00 4	00:00 1	00:00 0	00:00 0	00:00 0
PM Peak	13:00 248	23:00 28.8	23:00 23.3	16:00 5.6	12:00 0	14:00 40	13:00 100	12:00 103	19:00 61	20:00 21	20:00 9	20:00 2	12:00 0	12:00 0	12:00 0	16:00 1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	42	31.4	25.6	5.6	0	0	0	7	13	13	8	0	1	0	0	0
01:00	37	29.1	23.2	5.7	0	1	2	6	12	15	0	1	0	0	0	0
02:00	18	31.4	24.4	6.7	0	1	0	2	7	5	2	1	0	0	0	0
03:00	17	28.7	24.6	4.0	0	0	0	2	7	7	1	0	0	0	0	0
04:00	20	33.8	28.0	5.6	0	0	0	2	4	5	8	1	0	0	0	0
05:00	77	32.2	26.1	5.9	0	2	1	4	22	33	11	3	1	0	0	0
06:00	317	28.4	22.9	5.3	0	3	23	48	141	78	20	4	0	0	0	0
07:00	516	23.0	16.5	6.3	0	106	103	130	151	23	1	1	0	1	0	0
08:00	535	23.2	17.5	5.5	0	63	93	203	142	29	4	1	0	0	0	0
09:00	508	22.5	17.1	5.2	0	43	122	206	105	29	3	0	0	0	0	0
10:00	490	22.9	17.7	5.0	0	25	111	208	113	31	1	0	1	0	0	0
11:00	480	23.6	18.2	5.2	0	24	113	160	148	30	4	1	0	0	0	0
12:00	542	24.0	18.6	5.3	0	32	92	211	148	54	5	0	0	0	0	0
13:00	566	23.7	18.3	5.2	0	28	124	196	178	31	7	2	0	0	0	0
14:00	608	22.8	17.3	5.3	0	54	140	236	139	32	6	1	0	0	0	0
15:00	611	23.8	18.8	4.8	0	16	101	260	181	45	8	0	0	0	0	0
16:00	670	25.5	19.4	5.9	0	21	114	245	197	81	9	0	0	0	0	3
17:00	673	25.0	20.1	4.7	0	10	74	236	278	63	9	3	0	0	0	0
18:00	584	26.1	21.2	4.7	0	5	34	189	256	78	19	3	0	0	0	0
19:00	431	25.9	21.7	4.1	0	1	17	123	209	75	5	1	0	0	0	0
20:00	255	29.9	24.2	5.4	0	3	7	37	99	76	28	4	1	0	0	0
21:00	193	29.7	24.4	5.1	0	1	2	27	88	52	16	6	1	0	0	0
22:00	124	30.1	24.4	5.6	0	1	2	21	48	36	11	4	1	0	0	0
23:00	63	29.8	23.8	5.7	0	1	2	10	25	19	3	3	0	0	0	0
Total																
2H(10-12)	970	23.2	17.9	5.1	0	49	224	368	261	61	5	1	1	0	0	0
2H(14-16)	1219	23.4	18.1	5.1	0	70	241	496	320	77	14	1	0	0	0	0
12H(7-19)	6783	24.1	18.5	5.4	0	427	1221	2480	2036	526	76	12	1	1	0	3
24H(0-24)	8377	25.4	19.4	5.7	0	441	1277	2769	2711	940	189	40	6	1	0	3
AM Peak	08:00 535	04:00 33.8	04:00 28.0	02:00 6.7	00:00 0	07:00 106	09:00 122	10:00 208	07:00 151	06:00 78	06:00 20	06:00 4	00:00 1	07:00 1	00:00 0	00:00 0
PM Peak	17:00 673	22:00 30.1	21:00 24.4	16:00 5.9	12:00 0	14:00 54	14:00 140	15:00 260	17:00 278	16:00 81	20:00 28	21:00 6	20:00 1	12:00 0	12:00 0	16:00 3

Highgate ATC, The Bishops Avenue

Direction: Northbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	38	32.2	26.4	5.6	0	0	1	1	15	12	7	1	1	0	0	0
01:00	15	28.9	22.8	5.8	0	1	0	2	7	4	1	0	0	0	0	0
02:00	6	38.8	29.2	9.3	0	0	0	1	1	2	0	1	1	0	0	0
03:00	11	32.8	28.0	4.7	0	0	0	0	3	5	2	1	0	0	0	0
04:00	11	32.3	28.0	4.2	0	0	0	0	3	4	4	0	0	0	0	0
05:00	17	32.2	27.2	4.8	0	0	0	2	2	8	5	0	0	0	0	0
06:00	55	31.5	26.0	5.2	0	0	2	1	20	24	5	2	1	0	0	0
07:00	121	28.0	22.8	5.0	0	1	8	19	53	35	4	1	0	0	0	0
08:00	190	25.3	20.9	4.3	0	1	11	66	84	25	3	0	0	0	0	0
09:00	227	23.8	18.6	5.0	0	8	42	93	69	9	5	1	0	0	0	0
10:00	264	23.3	18.3	4.8	0	9	46	126	63	16	3	1	0	0	0	0
11:00	307	23.6	17.7	5.7	0	20	77	114	71	20	3	1	0	0	1	0
12:00	371	22.7	17.2	5.4	0	29	110	112	97	22	0	1	0	0	0	0
13:00	345	22.8	17.2	5.4	0	30	84	141	66	17	6	1	0	0	0	0
14:00	356	22.4	17.0	5.2	0	32	88	144	70	20	1	1	0	0	0	0
15:00	379	22.4	16.6	5.6	0	48	110	111	86	22	2	0	0	0	0	0
16:00	513	24.9	19.9	4.8	0	6	60	195	195	47	8	0	2	0	0	0
17:00	508	25.5	20.7	4.6	0	5	42	173	212	67	7	2	0	0	0	0
18:00	459	26.7	22.5	4.1	0	2	9	95	259	77	13	4	0	0	0	0
19:00	309	27.3	22.4	4.6	0	0	14	69	154	54	15	3	0	0	0	0
20:00	227	29.4	24.0	5.2	0	1	7	32	102	62	14	9	0	0	0	0
21:00	139	29.9	25.3	4.5	0	0	2	10	55	54	16	2	0	0	0	0
22:00	106	30.9	25.4	5.3	0	2	1	8	37	43	11	4	0	0	0	0
23:00	72	29.5	24.1	5.2	0	2	3	4	30	27	6	0	0	0	0	0
Total																
2H(10-12)	571	23.5	18.0	5.3	0	29	123	240	134	36	6	2	0	0	1	0
2H(14-16)	735	22.4	16.8	5.4	0	80	198	255	156	42	3	1	0	0	0	0
12H(7-19)	4040	24.6	19.0	5.4	0	191	687	1389	1325	377	55	13	2	0	1	0
24H(0-24)	5046	26.0	20.1	5.7	0	197	717	1519	1754	676	141	36	5	0	1	0
AM Peak	11:00 307	02:00 38.8	02:00 29.2	02:00 9.3	00:00 0	11:00 20	11:00 77	10:00 126	08:00 84	07:00 35	00:00 7	06:00 2	00:00 1	00:00 0	11:00 1	00:00 0
PM Peak	16:00 513	22:00 30.9	22:00 25.4	15:00 5.6	12:00 0	15:00 48	12:00 110	16:00 195	18:00 259	18:00 77	21:00 16	20:00 9	16:00 2	12:00 0	12:00 0	12:00 0

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	28	28.5	22.5	5.8	0	1	1	6	12	5	3	0	0	0	0	0
01:00	15	27.8	20.5	7.0	0	1	2	4	5	1	2	0	0	0	0	0
02:00	13	32.4	23.7	8.5	0	1	1	2	3	3	2	1	0	0	0	0
03:00	5	30.8	26.5	4.2	0	0	0	0	2	2	1	0	0	0	0	0
04:00	15	30.0	24.8	5.0	0	0	0	2	6	6	0	1	0	0	0	0
05:00	54	31.0	24.8	6.0	0	3	0	3	19	23	4	2	0	0	0	0
06:00	266	27.7	20.3	7.1	0	35	26	49	85	58	10	3	0	0	0	0
07:00	430	23.2	17.4	5.6	0	43	95	157	99	31	5	0	0	0	0	0
08:00	335	20.4	14.2	5.9	0	99	98	77	48	10	3	0	0	0	0	0
09:00	296	20.4	15.0	5.2	0	49	110	92	34	10	0	1	0	0	0	0
10:00	269	20.6	15.8	4.7	0	24	100	97	41	7	0	0	0	0	0	0
11:00	278	19.7	14.3	5.2	0	54	107	89	24	2	1	0	0	0	1	0
12:00	229	19.8	14.4	5.2	0	46	90	63	24	4	1	1	0	0	0	0
13:00	259	19.0	14.0	4.9	0	62	88	84	21	4	0	0	0	0	0	0
14:00	294	19.1	14.2	4.7	0	53	128	83	22	8	0	0	0	0	0	0
15:00	254	18.6	13.3	5.1	0	77	84	77	8	6	2	0	0	0	0	0
16:00	234	20.9	16.3	4.4	0	14	78	102	32	8	0	0	0	0	0	0
17:00	199	22.0	17.0	4.8	0	11	52	95	32	6	2	1	0	0	0	0
18:00	211	23.5	19.0	4.4	0	5	23	105	62	14	2	0	0	0	0	0
19:00	194	24.9	20.4	4.4	0	1	19	67	84	20	3	0	0	0	0	0
20:00	127	25.8	21.4	4.3	0	1	6	36	62	20	2	0	0	0	0	0
21:00	93	28.8	23.2	5.4	0	1	4	17	41	21	7	2	0	0	0	0
22:00	80	27.4	23.1	4.2	0	0	0	16	44	15	4	1	0	0	0	0
23:00	49	31.6	23.9	7.4	0	2	2	8	17	13	5	0	1	1	0	0
Total																
2H(10-12)	547	20.2	15.0	5.0	0	78	207	186	65	9	1	0	0	0	1	0
2H(14-16)	548	18.9	13.8	4.9	0	130	212	160	30	14	2	0	0	0	0	0
12H(7-19)	3288	20.9	15.4	5.3	0	537	1053	1121	447	110	16	3	0	0	1	0
24H(0-24)	4227	23.1	16.8	6.1	0	583	1114	1331	827	297	59	13	1	1	1	0
AM Peak	07:00 430	02:00 32.4	03:00 26.5	02:00 8.5	00:00 0	08:00 99	09:00 110	07:00 157	07:00 99	06:00 58	06:00 10	06:00 3	00:00 0	00:00 0	11:00 1	00:00 0
PM Peak	14:00 294	23:00 31.6	23:00 23.9	23:00 7.4	12:00 0	15:00 77	14:00 128	18:00 105	19:00 84	21:00 21	21:00 7	21:00 2	23:00 1	23:00 1	12:00 0	12:00 0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	66	30.9	24.8	6.0	0	1	2	7	27	17	10	1	1	0	0	0
01:00	30	28.3	21.7	6.4	0	2	2	6	12	5	3	0	0	0	0	0
02:00	19	34.6	25.4	8.9	0	1	1	3	4	5	2	2	1	0	0	0
03:00	16	32.1	27.5	4.5	0	0	0	0	5	7	3	1	0	0	0	0
04:00	26	31.1	26.2	4.8	0	0	0	2	9	10	4	1	0	0	0	0
05:00	71	31.4	25.4	5.8	0	3	0	5	21	31	9	2	0	0	0	0
06:00	321	28.7	21.3	7.2	0	35	28	50	105	82	15	5	1	0	0	0
07:00	551	24.7	18.6	5.9	0	44	103	176	152	66	9	1	0	0	0	0
08:00	525	23.1	16.7	6.3	0	100	109	143	132	35	6	0	0	0	0	0
09:00	523	22.2	16.5	5.4	0	57	152	185	103	19	5	2	0	0	0	0
10:00	533	22.1	17.0	4.9	0	33	146	223	104	23	3	1	0	0	0	0
11:00	585	22.0	16.1	5.7	0	74	184	203	95	22	4	1	0	0	2	0
12:00	600	21.8	16.1	5.5	0	75	200	175	121	26	1	2	0	0	0	0
13:00	604	21.4	15.8	5.4	0	92	172	225	87	21	6	1	0	0	0	0
14:00	650	21.1	15.7	5.2	0	85	216	227	92	28	1	1	0	0	0	0
15:00	633	21.1	15.3	5.7	0	125	194	188	94	28	4	0	0	0	0	0
16:00	747	23.9	18.8	5.0	0	20	138	297	227	55	8	0	2	0	0	0
17:00	707	24.8	19.6	5.0	0	16	94	268	244	73	9	3	0	0	0	0
18:00	670	26.0	21.4	4.5	0	7	32	200	321	91	15	4	0	0	0	0
19:00	503	26.5	21.6	4.7	0	1	33	136	238	74	18	3	0	0	0	0
20:00	354	28.3	23.1	5.1	0	2	13	68	164	82	16	9	0	0	0	0
21:00	232	29.6	24.5	5.0	0	1	6	27	96	75	23	4	0	0	0	0
22:00	186	29.5	24.4	5.0	0	2	1	24	81	58	15	5	0	0	0	0
23:00	121	30.4	24.0	6.2	0	4	5	12	47	40	11	0	1	1	0	0
Total																
2H(10-12)	1118	22.1	16.6	5.4	0	107	330	426	199	45	7	2	0	0	2	0
2H(14-16)	1283	21.1	15.5	5.4	0	210	410	415	186	56	5	1	0	0	0	0
12H(7-19)	7328	23.3	17.4	5.7	0	728	1740	2510	1772	487	71	16	2	0	2	0
24H(0-24)	9273	24.9	18.6	6.1	0	780	1831	2850	2581	973	200	49	6	1	2	0
AM Peak	11:00 585	02:00 34.6	03:00 27.5	02:00 8.9	00:00 0	08:00 100	11:00 184	10:00 223	07:00 152	06:00 82	06:00 15	06:00 5	00:00 1	00:00 0	11:00 2	00:00 0
PM Peak	16:00 747	23:00 30.4	21:00 24.5	23:00 6.2	12:00 0	15:00 125	14:00 216	16:00 297	18:00 321	18:00 91	21:00 23	20:00 9	16:00 2	23:00 1	12:00 0	12:00 0

Highgate ATC, The Bishops Avenue

Direction: Northbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	50	30.0	24.2	5.6	0	1	3	2	22	18	2	2	0	0	0	0
01:00	37	31.7	26.6	5.0	0	0	0	1	14	17	2	2	1	0	0	0
02:00	14	33.4	27.1	6.0	0	0	0	0	6	6	0	1	1	0	0	0
03:00	13	35.6	28.3	7.0	0	0	0	2	2	3	5	0	1	0	0	0
04:00	16	33.7	26.9	6.6	0	0	0	2	4	7	1	1	1	0	0	0
05:00	11	32.9	27.0	5.7	0	0	0	1	3	4	2	1	0	0	0	0
06:00	25	34.5	27.5	6.8	0	0	1	2	5	9	5	2	1	0	0	0
07:00	67	30.5	25.4	4.9	0	0	0	8	27	18	13	1	0	0	0	0
08:00	117	28.4	23.3	4.9	0	0	6	21	46	37	6	1	0	0	0	0
09:00	158	25.9	20.9	4.9	0	2	13	53	63	21	6	0	0	0	0	0
10:00	228	23.7	18.7	4.8	0	7	42	91	69	17	2	0	0	0	0	0
11:00	286	22.1	17.0	4.9	0	12	92	111	55	14	1	1	0	0	0	0
12:00	309	22.6	17.1	5.2	0	22	80	130	59	13	3	2	0	0	0	0
13:00	353	27.5	22.8	4.5	0	0	18	69	145	113	8	0	0	0	0	0
14:00	367	26.1	20.8	5.1	0	8	31	118	144	53	13	0	0	0	0	0
15:00	366	23.5	18.7	4.7	0	11	57	163	106	26	3	0	0	0	0	0
16:00	384	21.9	16.8	4.9	0	19	133	136	75	19	2	0	0	0	0	0
17:00	354	25.7	21.3	4.3	0	2	15	117	163	49	7	1	0	0	0	0
18:00	253	27.5	23.0	4.3	0	0	7	47	124	66	6	3	0	0	0	0
19:00	231	28.4	23.7	4.6	0	0	12	22	108	81	5	2	1	0	0	0
20:00	174	28.6	23.6	4.8	0	1	6	22	82	53	6	4	0	0	0	0
21:00	120	30.4	25.1	5.1	0	0	3	10	50	40	12	5	0	0	0	0
22:00	100	31.1	25.2	5.7	0	1	6	5	31	44	10	2	1	0	0	0
23:00	68	32.7	25.7	6.8	0	1	1	10	20	23	7	4	1	1	0	0
Total																
2H(10-12)	514	22.9	17.8	4.9	0	19	134	202	124	31	3	1	0	0	0	0
2H(14-16)	733	24.9	19.8	5.0	0	19	88	281	250	79	16	0	0	0	0	0
12H(7-19)	3242	25.4	19.9	5.4	0	83	494	1064	1076	446	70	9	0	0	0	0
24H(0-24)	4101	26.8	20.9	5.7	0	87	526	1143	1423	751	127	35	8	1	0	0
AM Peak	11:00 286	03:00 35.6	03:00 28.3	03:00 7.0	00:00 0	11:00 12	11:00 92	11:00 111	10:00 69	08:00 37	07:00 13	00:00 2	01:00 1	00:00 0	00:00 0	00:00 0
PM Peak	16:00 384	23:00 32.7	23:00 25.7	23:00 6.8	12:00 0	12:00 22	16:00 133	15:00 163	17:00 163	13:00 113	14:00 13	21:00 5	19:00 1	23:00 1	12:00 0	12:00 0

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	34	29.7	23.8	5.7	0	0	1	8	12	8	4	1	0	0	0	0
01:00	24	32.0	24.4	7.3	0	1	2	2	7	8	2	2	0	0	0	0
02:00	15	30.2	23.8	6.1	0	0	0	5	4	4	1	1	0	0	0	0
03:00	8	26.6	21.3	5.2	0	0	1	2	3	2	0	0	0	0	0	0
04:00	12	27.0	21.7	5.1	0	0	1	4	3	4	0	0	0	0	0	0
05:00	23	30.9	25.1	5.6	0	0	1	1	10	9	1	0	1	0	0	0
06:00	81	31.8	26.3	5.3	0	0	1	8	23	31	15	2	1	0	0	0
07:00	159	28.8	23.4	5.1	0	2	5	28	66	42	16	0	0	0	0	0
08:00	202	27.3	21.8	5.3	0	7	12	37	102	36	6	2	0	0	0	0
09:00	208	25.5	19.6	5.7	0	12	28	70	63	30	5	0	0	0	0	0
10:00	259	21.9	16.5	5.3	0	38	51	106	56	7	1	0	0	0	0	0
11:00	263	19.4	14.2	5.0	0	55	98	79	26	4	1	0	0	0	0	0
12:00	311	19.4	13.6	5.5	0	82	122	76	24	3	3	0	0	0	1	0
13:00	354	27.3	21.7	5.4	0	14	24	65	170	69	8	4	0	0	0	0
14:00	329	25.4	19.6	5.6	0	18	41	119	92	54	5	0	0	0	0	0
15:00	311	21.9	16.8	4.9	0	38	57	136	73	7	0	0	0	0	0	0
16:00	283	19.4	14.4	4.9	0	58	97	95	30	2	1	0	0	0	0	0
17:00	231	23.4	18.7	4.5	0	4	39	103	72	10	2	1	0	0	0	0
18:00	196	24.6	20.5	4.0	0	1	10	79	88	15	2	1	0	0	0	0
19:00	165	27.0	22.7	4.2	0	0	4	34	88	30	9	0	0	0	0	0
20:00	144	27.3	22.2	4.9	0	2	4	42	54	36	6	0	0	0	0	0
21:00	98	28.2	23.2	4.8	0	1	0	21	49	17	9	1	0	0	0	0
22:00	90	26.5	22.4	4.0	0	0	2	20	49	16	3	0	0	0	0	0
23:00	57	28.5	23.7	4.6	0	0	0	10	28	16	2	0	1	0	0	0
Total																
2H(10-12)	522	20.8	15.3	5.2	0	93	149	185	82	11	2	0	0	0	0	0
2H(14-16)	640	23.9	18.2	5.5	0	56	98	255	165	61	5	0	0	0	0	0
12H(7-19)	3106	24.3	18.1	6.0	0	329	584	993	862	279	50	8	0	0	1	0
24H(0-24)	3857	25.5	19.1	6.2	0	333	601	1150	1192	460	102	15	3	0	1	0
AM Peak	11:00 263	01:00 32.0	06:00 26.3	01:00 7.3	00:00 0	11:00 55	11:00 98	10:00 106	08:00 102	07:00 42	07:00 16	01:00 2	05:00 1	00:00 0	00:00 0	00:00 0
PM Peak	13:00 354	23:00 28.5	23:00 23.7	14:00 5.6	12:00 0	12:00 82	12:00 122	15:00 136	13:00 170	13:00 69	19:00 9	13:00 4	23:00 1	12:00 0	12:00 1	12:00 0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	84	29.8	24.0	5.6	0	1	4	10	34	26	6	3	0	0	0	0
01:00	61	32.0	25.7	6.1	0	1	2	3	21	25	4	4	1	0	0	0
02:00	29	31.9	25.4	6.2	0	0	0	5	10	10	1	2	1	0	0	0
03:00	21	33.0	25.6	7.2	0	0	1	4	5	5	5	0	1	0	0	0
04:00	28	31.3	24.6	6.4	0	0	1	6	7	11	1	1	1	0	0	0
05:00	34	31.6	25.7	5.6	0	0	1	2	13	13	3	1	1	0	0	0
06:00	106	32.5	26.6	5.7	0	0	2	10	28	40	20	4	2	0	0	0
07:00	226	29.4	24.0	5.1	0	2	5	36	93	60	29	1	0	0	0	0
08:00	319	27.7	22.4	5.2	0	7	18	58	148	73	12	3	0	0	0	0
09:00	366	25.7	20.1	5.4	0	14	41	123	126	51	11	0	0	0	0	0
10:00	487	22.9	17.5	5.2	0	45	93	197	125	24	3	0	0	0	0	0
11:00	549	21.0	15.7	5.1	0	67	190	190	81	18	2	1	0	0	0	0
12:00	620	21.2	15.4	5.6	0	104	202	206	83	16	6	2	0	0	1	0
13:00	707	27.5	22.3	5.0	0	14	42	134	315	182	16	4	0	0	0	0
14:00	696	25.8	20.2	5.3	0	26	72	237	236	107	18	0	0	0	0	0
15:00	677	22.9	17.8	4.9	0	49	114	299	179	33	3	0	0	0	0	0
16:00	667	21.0	15.8	5.0	0	77	230	231	105	21	3	0	0	0	0	0
17:00	585	25.0	20.3	4.6	0	6	54	220	235	59	9	2	0	0	0	0
18:00	449	26.4	21.9	4.4	0	1	17	126	212	81	8	4	0	0	0	0
19:00	396	27.9	23.3	4.4	0	0	16	56	196	111	14	2	1	0	0	0
20:00	318	28.1	23.0	4.9	0	3	10	64	136	89	12	4	0	0	0	0
21:00	218	29.5	24.3	5.0	0	1	3	31	99	57	21	6	0	0	0	0
22:00	190	29.2	23.9	5.1	0	1	8	25	80	60	13	2	1	0	0	0
23:00	125	30.9	24.8	5.9	0	1	1	20	48	39	9	4	2	1	0	0
Total																
2H(10-12)	1036	22.0	16.5	5.2	0	112	283	387	206	42	5	1	0	0	0	0
2H(14-16)	1373	24.5	19.0	5.3	0	75	186	536	415	140	21	0	0	0	0	0
12H(7-19)	6348	25.0	19.0	5.7	0	412	1078	2057	1938	725	120	17	0	0	1	0
24H(0-24)	7958	26.2	20.0	6.0	0	420	1127	2293	2615	1211	229	50	11	1	1	0
AM Peak	11:00	03:00	06:00	03:00	00:00	11:00	11:00	10:00	08:00	08:00	07:00	01:00	06:00	00:00	00:00	00:00
	549	33.0	26.6	7.2	0	67	190	197	148	73	29	4	2	0	0	0
PM Peak	13:00	23:00	23:00	23:00	12:00	12:00	16:00	15:00	13:00	13:00	21:00	21:00	23:00	23:00	12:00	12:00
	707	30.9	24.8	5.9	0	104	230	299	315	182	21	6	2	1	1	0

Highgate ATC, The Bishops Avenue

Direction: Northbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	45	32.2	25.5	6.4	0	0	3	6	12	10	13	1	0	0	0	0
01:00	48	32.4	25.1	7.0	0	3	0	5	15	14	8	3	0	0	0	0
02:00	30	33.5	27.7	5.6	0	0	0	1	10	10	6	2	1	0	0	0
03:00	14	34.6	28.2	6.2	0	0	0	1	3	5	4	0	1	0	0	0
04:00	9	39.2	28.1	10.7	0	0	0	1	4	2	0	1	0	0	1	0
05:00	11	34.1	27.5	6.3	0	0	0	0	5	3	2	0	1	0	0	0
06:00	31	33.5	27.5	5.8	0	0	1	2	6	11	9	2	0	0	0	0
07:00	53	30.5	25.1	5.2	0	0	0	10	15	19	8	1	0	0	0	0
08:00	79	30.0	23.6	6.1	0	2	4	13	29	18	12	1	0	0	0	0
09:00	123	26.6	21.2	5.2	0	2	10	37	50	17	7	0	0	0	0	0
10:00	178	23.2	18.4	4.6	0	4	36	75	52	9	2	0	0	0	0	0
11:00	228	21.9	17.0	4.8	0	11	71	88	48	9	1	0	0	0	0	0
12:00	240	22.7	17.2	5.3	0	13	69	98	45	10	3	2	0	0	0	0
13:00	253	27.4	22.8	4.5	0	0	14	46	111	76	6	0	0	0	0	0
14:00	302	26.2	20.8	5.3	0	10	21	102	111	46	12	0	0	0	0	0
15:00	312	23.4	18.6	4.6	0	13	47	135	95	22	0	0	0	0	0	0
16:00	331	21.9	16.8	4.9	0	17	118	112	65	19	0	0	0	0	0	0
17:00	323	24.9	19.6	5.0	0	7	51	107	119	34	4	1	0	0	0	0
18:00	267	27.2	22.4	4.6	0	1	17	41	148	47	12	1	0	0	0	0
19:00	184	29.9	24.5	5.2	0	0	6	19	84	54	14	5	2	0	0	0
20:00	144	30.3	24.7	5.3	0	1	1	22	54	48	12	5	1	0	0	0
21:00	83	29.3	24.7	4.5	0	0	1	13	25	37	7	0	0	0	0	0
22:00	64	33.0	27.8	5.0	0	0	0	2	13	36	7	5	0	1	0	0
23:00	42	34.0	26.8	6.9	0	0	1	1	16	18	2	2	0	1	1	0
Total																
2H(10-12)	406	22.5	17.6	4.8	0	15	107	163	100	18	3	0	0	0	0	0
2H(14-16)	614	24.9	19.6	5.1	0	23	68	237	206	68	12	0	0	0	0	0
12H(7-19)	2689	25.3	19.6	5.4	0	80	458	864	888	326	67	6	0	0	0	0
24H(0-24)	3394	27.1	20.9	6.0	0	84	471	937	1135	574	151	32	6	2	2	0
AM Peak	11:00 228	04:00 39.2	03:00 28.2	04:00 10.7	00:00 0	11:00 11	11:00 71	11:00 88	10:00 52	07:00 19	00:00 13	01:00 3	02:00 1	00:00 0	04:00 1	00:00 0
PM Peak	16:00 331	23:00 34.0	22:00 27.8	23:00 6.9	12:00 0	16:00 17	16:00 118	15:00 135	18:00 148	13:00 76	19:00 14	19:00 5	19:00 2	22:00 1	23:00 1	12:00 0

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	34	26.4	21.8	4.5	0	0	0	14	13	5	2	0	0	0	0	0
01:00	19	26.9	20.9	5.8	0	0	2	7	7	2	0	1	0	0	0	0
02:00	16	30.4	23.8	6.5	0	1	0	2	7	3	3	0	0	0	0	0
03:00	15	29.5	22.8	6.4	0	1	0	2	8	3	0	1	0	0	0	0
04:00	10	32.5	25.5	6.7	0	0	0	2	4	1	2	1	0	0	0	0
05:00	17	28.8	22.5	6.1	0	1	0	5	4	6	1	0	0	0	0	0
06:00	51	31.8	26.0	5.6	0	0	1	7	13	16	13	1	0	0	0	0
07:00	83	29.3	23.9	5.2	0	2	1	13	30	31	5	1	0	0	0	0
08:00	135	27.6	21.8	5.6	0	4	12	25	60	27	6	1	0	0	0	0
09:00	150	25.6	19.7	5.7	0	9	17	53	45	22	4	0	0	0	0	0
10:00	210	22.1	16.8	5.1	0	26	40	90	45	9	0	0	0	0	0	0
11:00	198	19.8	14.5	5.1	0	41	67	64	22	3	1	0	0	0	0	0
12:00	213	19.6	13.6	5.8	0	60	81	49	18	2	2	0	0	0	1	0
13:00	245	26.9	21.4	5.3	0	11	16	47	122	41	7	1	0	0	0	0
14:00	256	25.2	19.6	5.5	0	15	27	97	75	38	4	0	0	0	0	0
15:00	266	21.9	16.8	5.0	0	31	53	111	65	6	0	0	0	0	0	0
16:00	251	19.4	14.5	4.7	0	50	77	98	24	2	0	0	0	0	0	0
17:00	230	21.3	16.5	4.6	0	17	70	92	47	3	1	0	0	0	0	0
18:00	168	25.8	21.3	4.3	0	0	8	57	75	22	6	0	0	0	0	0
19:00	121	28.2	23.0	4.9	0	0	3	29	53	27	6	3	0	0	0	0
20:00	91	26.5	22.0	4.3	0	0	4	24	43	17	3	0	0	0	0	0
21:00	66	28.8	23.1	5.5	0	0	4	14	27	13	7	1	0	0	0	0
22:00	53	31.9	25.4	6.2	0	0	1	6	23	14	4	3	2	0	0	0
23:00	43	27.4	22.4	4.8	0	0	2	11	19	8	3	0	0	0	0	0
Total																
2H(10-12)	408	21.1	15.7	5.2	0	67	107	154	67	12	1	0	0	0	0	0
2H(14-16)	522	23.7	18.2	5.4	0	46	80	208	140	44	4	0	0	0	0	0
12H(7-19)	2405	24.0	17.8	5.9	0	266	469	796	628	206	36	3	0	0	1	0
24H(0-24)	2941	25.3	18.8	6.2	0	269	486	919	849	321	80	14	2	0	1	0
AM Peak	10:00 210	04:00 32.5	06:00 26.0	04:00 6.7	00:00 0	11:00 41	11:00 67	10:00 90	08:00 60	07:00 31	06:00 13	01:00 1	00:00 0	00:00 0	00:00 0	00:00 0
PM Peak	15:00 266	22:00 31.9	22:00 25.4	22:00 6.2	12:00 0	12:00 60	12:00 81	15:00 111	13:00 122	13:00 41	13:00 7	19:00 3	22:00 2	12:00 0	12:00 1	12:00 0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	79	30.0	23.9	5.9	0	0	3	20	25	15	15	1	0	0	0	0
01:00	67	31.1	23.9	6.9	0	3	2	12	22	16	8	4	0	0	0	0
02:00	46	32.7	26.3	6.2	0	1	0	3	17	13	9	2	1	0	0	0
03:00	29	32.4	25.4	6.8	0	1	0	3	11	8	4	1	1	0	0	0
04:00	19	35.7	26.7	8.7	0	0	0	3	8	3	2	2	0	0	1	0
05:00	28	31.3	24.5	6.6	0	1	0	5	9	9	3	0	1	0	0	0
06:00	82	32.5	26.6	5.7	0	0	2	9	19	27	22	3	0	0	0	0
07:00	136	29.8	24.4	5.2	0	2	1	23	45	50	13	2	0	0	0	0
08:00	214	28.5	22.5	5.8	0	6	16	38	89	45	18	2	0	0	0	0
09:00	273	26.1	20.4	5.5	0	11	27	90	95	39	11	0	0	0	0	0
10:00	388	22.7	17.5	5.0	0	30	76	165	97	18	2	0	0	0	0	0
11:00	426	21.1	15.8	5.1	0	52	138	152	70	12	2	0	0	0	0	0
12:00	453	21.5	15.5	5.8	0	73	150	147	63	12	5	2	0	0	1	0
13:00	498	27.2	22.1	4.9	0	11	30	93	233	117	13	1	0	0	0	0
14:00	558	25.8	20.2	5.4	0	25	48	199	186	84	16	0	0	0	0	0
15:00	578	22.8	17.7	4.9	0	44	100	246	160	28	0	0	0	0	0	0
16:00	582	20.9	15.8	4.9	0	67	195	210	89	21	0	0	0	0	0	0
17:00	553	23.6	18.3	5.1	0	24	121	199	166	37	5	1	0	0	0	0
18:00	435	26.7	22.0	4.5	0	1	25	98	223	69	18	1	0	0	0	0
19:00	305	29.3	23.9	5.2	0	0	9	48	137	81	20	8	2	0	0	0
20:00	235	29.0	23.7	5.1	0	1	5	46	97	65	15	5	1	0	0	0
21:00	149	29.2	24.0	5.0	0	0	5	27	52	50	14	1	0	0	0	0
22:00	117	32.6	26.7	5.7	0	0	1	8	36	50	11	8	2	1	0	0
23:00	85	31.1	24.6	6.3	0	0	3	12	35	26	5	2	0	1	1	0
Total																
2H(10-12)	814	21.9	16.6	5.1	0	82	214	317	167	30	4	0	0	0	0	0
2H(14-16)	1136	24.4	19.0	5.3	0	69	148	445	346	112	16	0	0	0	0	0
12H(7-19)	5094	24.7	18.8	5.8	0	346	927	1660	1516	532	103	9	0	0	1	0
24H(0-24)	6335	26.3	19.9	6.2	0	353	957	1856	1984	895	231	46	8	2	3	0
AM Peak	11:00	04:00	04:00	04:00	00:00	11:00	11:00	10:00	10:00	07:00	06:00	01:00	02:00	00:00	04:00	00:00
	426	35.7	26.7	8.7	0	52	138	165	97	50	22	4	1	0	1	0
PM Peak	16:00	22:00	22:00	23:00	12:00	12:00	16:00	15:00	13:00	13:00	19:00	19:00	19:00	22:00	12:00	12:00
	582	32.6	26.7	6.3	0	73	195	246	233	117	20	8	2	1	1	0

Highgate ATC, The Bishops Avenue

Direction: Northbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	27	31.0	26.4	4.5	0	0	0	1	10	11	4	1	0	0	0	0
01:00	25	36.3	27.2	8.8	0	0	1	1	9	9	2	2	0	0	0	1
02:00	11	34.0	28.4	5.4	0	0	0	1	1	5	3	1	0	0	0	0
03:00	10	37.8	29.0	8.5	0	0	0	1	3	2	2	0	2	0	0	0
04:00	10	30.3	26.0	4.1	0	0	0	1	2	6	1	0	0	0	0	0
05:00	15	33.7	27.5	6.0	0	0	0	2	2	7	2	2	0	0	0	0
06:00	57	31.2	25.6	5.4	0	0	3	1	22	24	4	2	1	0	0	0
07:00	128	27.7	22.6	4.9	0	1	9	21	57	36	3	1	0	0	0	0
08:00	194	25.2	21.0	4.0	0	1	10	63	95	23	2	0	0	0	0	0
09:00	219	23.7	18.5	5.0	0	10	43	79	72	12	3	0	0	0	0	0
10:00	263	23.2	18.4	4.7	0	5	50	128	59	18	2	1	0	0	0	0
11:00	301	23.8	18.0	5.6	0	17	70	116	74	19	3	1	0	0	1	0
12:00	377	22.6	17.0	5.5	0	35	116	105	99	21	0	1	0	0	0	0
13:00	360	22.9	17.3	5.4	0	25	98	136	75	19	7	0	0	0	0	0
14:00	364	22.5	17.0	5.3	0	36	91	139	76	20	1	1	0	0	0	0
15:00	388	22.5	16.8	5.5	0	41	112	125	83	26	1	0	0	0	0	0
16:00	470	26.0	20.5	5.4	0	12	45	166	161	78	7	0	0	0	0	1
17:00	544	26.6	21.9	4.5	0	1	24	145	265	88	15	6	0	0	0	0
18:00	454	27.2	22.3	4.8	0	4	11	118	217	84	17	1	1	0	1	0
19:00	300	27.3	22.5	4.7	0	1	14	67	135	75	5	2	1	0	0	0
20:00	151	30.0	24.9	4.9	0	1	2	14	62	54	14	4	0	0	0	0
21:00	81	31.5	26.3	5.0	0	0	1	4	27	36	8	4	1	0	0	0
22:00	69	32.0	26.3	5.5	0	0	0	6	23	29	5	4	2	0	0	0
23:00	30	29.6	25.2	4.3	0	0	0	3	12	11	4	0	0	0	0	0
Total																
2H(10-12)	564	23.5	18.1	5.2	0	22	120	244	133	37	5	2	0	0	1	0
2H(14-16)	752	22.5	16.9	5.4	0	77	203	264	159	46	2	1	0	0	0	0
12H(7-19)	4062	25.0	19.3	5.5	0	188	679	1341	1333	444	61	12	1	0	2	1
24H(0-24)	4848	26.2	20.1	5.9	0	190	700	1443	1641	713	115	34	8	0	2	2
AM Peak	11:00 301	03:00 37.8	03:00 29.0	01:00 8.8	00:00 0	11:00 17	11:00 70	10:00 128	08:00 95	07:00 36	00:00 4	01:00 2	03:00 2	00:00 0	11:00 1	01:00 1
PM Peak	17:00 544	22:00 32.0	22:00 26.3	22:00 5.5	12:00 0	15:00 41	12:00 116	16:00 166	17:00 265	17:00 88	18:00 17	17:00 6	22:00 2	12:00 0	18:00 1	16:00 1

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	26	27.7	22.3	5.2	0	0	2	6	11	5	2	0	0	0	0	0
01:00	14	29.4	23.6	5.6	0	0	2	0	6	5	1	0	0	0	0	0
02:00	9	27.9	23.6	4.2	0	0	0	1	6	1	1	0	0	0	0	0
03:00	4	27.6	18.8	8.5	0	1	0	1	1	1	0	0	0	0	0	0
04:00	13	30.6	23.3	7.0	0	1	1	0	6	3	2	0	0	0	0	0
05:00	52	30.7	26.0	4.6	0	1	1	1	13	30	6	0	0	0	0	0
06:00	284	27.7	20.3	7.1	0	39	21	57	94	59	10	4	0	0	0	0
07:00	431	23.9	17.9	5.8	0	43	87	149	107	38	7	0	0	0	0	0
08:00	329	19.3	13.4	5.6	0	110	106	68	35	7	3	0	0	0	0	0
09:00	293	19.9	14.8	4.9	0	48	111	97	30	6	0	1	0	0	0	0
10:00	272	20.1	15.4	4.6	0	26	109	99	30	8	0	0	0	0	0	0
11:00	276	19.9	14.4	5.3	0	54	108	82	27	3	1	0	0	0	1	0
12:00	214	19.8	14.4	5.2	0	39	89	59	21	4	1	1	0	0	0	0
13:00	261	19.0	13.9	4.9	0	64	94	76	22	5	0	0	0	0	0	0
14:00	302	18.8	14.0	4.6	0	56	132	88	19	7	0	0	0	0	0	0
15:00	256	18.9	13.5	5.2	0	75	80	85	7	7	2	0	0	0	0	0
16:00	191	22.9	17.0	5.6	0	9	58	87	24	11	1	0	0	0	0	1
17:00	209	24.0	18.8	5.0	0	6	37	91	52	19	4	0	0	0	0	0
18:00	183	24.7	20.2	4.3	0	1	11	77	82	8	2	1	1	0	0	0
19:00	137	25.6	21.2	4.2	0	0	7	47	61	19	3	0	0	0	0	0
20:00	82	30.1	23.7	6.2	0	1	0	19	39	13	5	3	1	1	0	0
21:00	46	30.8	24.9	5.7	0	0	1	6	20	11	6	1	1	0	0	0
22:00	38	28.2	23.0	5.0	0	0	2	7	17	10	1	1	0	0	0	0
23:00	33	27.7	23.0	4.6	0	1	0	4	20	6	2	0	0	0	0	0
Total																
2H(10-12)	548	20.0	14.9	5.0	0	80	217	181	57	11	1	0	0	0	1	0
2H(14-16)	558	18.8	13.8	4.9	0	131	212	173	26	14	2	0	0	0	0	0
12H(7-19)	3217	21.3	15.5	5.6	0	531	1022	1058	456	123	21	3	1	0	1	1
24H(0-24)	3955	23.2	16.7	6.2	0	575	1059	1207	750	286	60	12	3	1	1	1
AM Peak	07:00 431	05:00 30.7	05:00 26.0	03:00 8.5	00:00 0	08:00 110	09:00 111	07:00 149	07:00 107	06:00 59	06:00 10	06:00 4	00:00 0	00:00 0	11:00 1	00:00 0
PM Peak	14:00 302	21:00 30.8	21:00 24.9	20:00 6.2	12:00 0	15:00 75	14:00 132	17:00 91	18:00 82	17:00 19	21:00 6	20:00 3	18:00 1	20:00 1	12:00 0	16:00 1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	53	29.8	24.4	5.2	0	0	2	7	21	16	6	1	0	0	0	0
01:00	39	34.1	25.9	7.9	0	0	3	1	15	14	3	2	0	0	0	1
02:00	20	31.8	26.3	5.3	0	0	0	2	7	6	4	1	0	0	0	0
03:00	14	35.9	26.1	9.5	0	1	0	2	4	3	2	0	2	0	0	0
04:00	23	30.7	24.5	6.0	0	1	1	1	8	9	3	0	0	0	0	0
05:00	67	31.4	26.3	4.9	0	1	1	3	15	37	8	2	0	0	0	0
06:00	341	28.6	21.2	7.1	0	39	24	58	116	83	14	6	1	0	0	0
07:00	559	25.1	18.9	6.0	0	44	96	170	164	74	10	1	0	0	0	0
08:00	523	22.7	16.2	6.3	0	111	116	131	130	30	5	0	0	0	0	0
09:00	512	21.8	16.3	5.3	0	58	154	176	102	18	3	1	0	0	0	0
10:00	535	21.9	16.8	4.8	0	31	159	227	89	26	2	1	0	0	0	0
11:00	577	22.2	16.2	5.8	0	71	178	198	101	22	4	1	0	0	2	0
12:00	591	21.7	16.0	5.5	0	74	205	164	120	25	1	2	0	0	0	0
13:00	621	21.5	15.9	5.5	0	89	192	212	97	24	7	0	0	0	0	0
14:00	666	21.0	15.6	5.2	0	92	223	227	95	27	1	1	0	0	0	0
15:00	644	21.3	15.5	5.6	0	116	192	210	90	33	3	0	0	0	0	0
16:00	661	25.3	19.5	5.7	0	21	103	253	185	89	8	0	0	0	0	2
17:00	753	26.1	21.1	4.9	0	7	61	236	317	107	19	6	0	0	0	0
18:00	637	26.6	21.7	4.7	0	5	22	195	299	92	19	2	2	0	1	0
19:00	437	26.8	22.1	4.6	0	1	21	114	196	94	8	2	1	0	0	0
20:00	233	30.1	24.5	5.4	0	2	2	33	101	67	19	7	1	1	0	0
21:00	127	31.3	25.8	5.3	0	0	2	10	47	47	14	5	2	0	0	0
22:00	107	30.9	25.2	5.6	0	0	2	13	40	39	6	5	2	0	0	0
23:00	63	28.7	24.0	4.5	0	1	0	7	32	17	6	0	0	0	0	0
Total																
2H(10-12)	1112	22.1	16.5	5.3	0	102	337	425	190	48	6	2	0	0	2	0
2H(14-16)	1310	21.1	15.6	5.4	0	208	415	437	185	60	4	1	0	0	0	0
12H(7-19)	7279	23.7	17.6	5.8	0	719	1701	2399	1789	567	82	15	2	0	3	2
24H(0-24)	8803	25.1	18.6	6.3	0	765	1759	2650	2391	999	175	46	11	1	3	3
AM Peak	11:00 577	03:00 35.9	05:00 26.3	03:00 9.5	00:00 0	08:00 111	11:00 178	10:00 227	07:00 164	06:00 83	06:00 14	06:00 6	03:00 2	00:00 0	11:00 2	01:00 1
PM Peak	17:00 753	21:00 31.3	21:00 25.8	16:00 5.7	12:00 0	15:00 116	14:00 223	16:00 253	17:00 317	17:00 107	17:00 19	20:00 7	18:00 2	20:00 1	18:00 1	16:00 2

Highgate ATC, The Bishops Avenue

Direction: Northbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	19	32.3	27.2	4.9	0	0	0	1	5	8	4	1	0	0	0	0
01:00	12	32.9	27.5	5.2	0	0	0	0	4	6	0	2	0	0	0	0
02:00	13	30.9	26.0	4.7	0	0	0	0	7	4	1	1	0	0	0	0
03:00	15	33.3	28.2	5.0	0	0	0	0	4	7	2	2	0	0	0	0
04:00	13	31.4	26.7	4.5	0	0	0	1	3	6	3	0	0	0	0	0
05:00	23	33.6	27.3	6.1	0	0	1	1	4	12	3	1	1	0	0	0
06:00	55	29.7	24.8	4.8	0	0	2	5	20	23	4	1	0	0	0	0
07:00	149	24.4	18.8	5.4	0	4	28	65	35	10	7	0	0	0	0	0
08:00	200	21.1	16.5	4.4	0	6	74	81	31	8	0	0	0	0	0	0
09:00	222	21.9	16.9	4.8	0	12	69	82	52	6	0	1	0	0	0	0
10:00	295	22.3	17.3	4.8	0	14	78	122	67	12	2	0	0	0	0	0
11:00	256	23.2	17.3	5.7	0	31	55	85	66	17	2	0	0	0	0	0
12:00	273	24.8	19.7	4.9	0	15	19	103	107	26	3	0	0	0	0	0
13:00	304	25.5	20.5	4.8	0	5	25	103	135	26	8	2	0	0	0	0
14:00	375	24.0	18.8	5.0	0	16	58	155	112	29	4	1	0	0	0	0
15:00	374	24.7	19.9	4.6	0	3	39	163	123	37	9	0	0	0	0	0
16:00	473	26.3	20.4	5.7	0	14	53	154	174	67	9	0	0	0	0	2
17:00	509	25.5	20.8	4.5	0	3	39	173	223	59	10	2	0	0	0	0
18:00	399	26.4	21.7	4.5	0	3	21	99	198	67	10	1	0	0	0	0
19:00	279	25.9	22.1	3.7	0	0	5	69	150	53	2	0	0	0	0	0
20:00	143	29.8	24.6	5.1	0	1	3	18	56	46	17	2	0	0	0	0
21:00	120	31.3	25.8	5.2	0	0	1	11	43	46	11	7	1	0	0	0
22:00	64	32.3	26.3	5.8	0	0	2	4	20	25	8	4	1	0	0	0
23:00	42	28.9	23.2	5.5	0	0	2	8	20	8	2	2	0	0	0	0
Total																
2H(10-12)	551	22.7	17.3	5.2	0	45	133	207	133	29	4	0	0	0	0	0
2H(14-16)	749	24.4	19.3	4.9	0	19	97	318	235	66	13	1	0	0	0	0
12H(7-19)	3829	24.8	19.4	5.2	0	126	558	1385	1323	364	64	7	0	0	0	2
24H(0-24)	4627	25.9	20.3	5.5	0	127	574	1503	1659	608	121	30	3	0	0	2
AM Peak	10:00 295	05:00 33.6	03:00 28.2	05:00 6.1	00:00 0	11:00 31	10:00 78	10:00 122	10:00 67	06:00 23	07:00 7	01:00 2	05:00 1	00:00 0	00:00 0	00:00 0
PM Peak	17:00 509	22:00 32.3	22:00 26.3	22:00 5.8	12:00 0	14:00 16	14:00 58	17:00 173	17:00 223	16:00 67	20:00 17	21:00 7	21:00 1	12:00 0	12:00 0	16:00 2

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	21	32.4	26.3	5.9	0	0	0	1	10	6	2	1	1	0	0	0
01:00	13	31.0	25.2	5.6	0	0	0	2	6	1	4	0	0	0	0	0
02:00	8	36.3	27.5	8.5	0	0	0	1	3	2	0	1	1	0	0	0
03:00	4	29.8	22.5	7.1	0	0	0	2	1	0	1	0	0	0	0	0
04:00	16	32.1	25.6	6.3	0	0	0	3	5	5	1	2	0	0	0	0
05:00	56	29.3	24.5	4.6	0	0	2	6	21	22	5	0	0	0	0	0
06:00	274	27.5	22.0	5.3	0	7	18	56	120	61	11	1	0	0	0	0
07:00	319	16.8	11.3	5.4	0	183	73	30	25	8	0	0	0	0	0	0
08:00	235	15.4	10.7	4.6	0	135	69	16	12	3	0	0	0	0	0	0
09:00	304	17.0	12.0	4.8	0	126	105	53	17	2	1	0	0	0	0	0
10:00	271	19.3	14.2	4.9	0	61	93	88	25	3	1	0	0	0	0	0
11:00	256	19.8	14.6	5.0	0	52	84	85	30	5	0	0	0	0	0	0
12:00	249	22.2	16.8	5.1	0	21	65	110	33	19	1	0	0	0	0	0
13:00	243	20.2	15.4	4.6	0	24	98	81	37	2	1	0	0	0	0	0
14:00	222	19.8	14.6	5.0	0	45	74	74	24	5	0	0	0	0	0	0
15:00	233	21.6	16.9	4.6	0	15	63	98	51	6	0	0	0	0	0	0
16:00	172	23.0	17.2	5.5	0	5	50	86	19	10	1	0	0	0	0	1
17:00	170	22.4	17.9	4.4	0	5	38	74	46	7	0	0	0	0	0	0
18:00	177	24.9	20.0	4.7	0	3	13	77	67	9	8	0	0	0	0	0
19:00	156	26.0	21.1	4.7	0	1	9	57	59	26	3	1	0	0	0	0
20:00	112	28.7	23.2	5.3	0	2	3	22	48	26	10	1	0	0	0	0
21:00	68	27.0	22.3	4.5	0	1	1	16	36	10	4	0	0	0	0	0
22:00	54	27.2	22.5	4.6	0	1	0	14	24	13	2	0	0	0	0	0
23:00	30	28.1	22.8	5.1	0	1	0	7	11	10	1	0	0	0	0	0
Total																
2H(10-12)	527	19.5	14.4	5.0	0	113	177	173	55	8	1	0	0	0	0	0
2H(14-16)	455	20.8	15.7	4.9	0	60	137	172	75	11	0	0	0	0	0	0
12H(7-19)	2851	20.5	14.7	5.6	0	675	825	872	386	79	13	0	0	0	0	1
24H(0-24)	3663	23.1	16.5	6.4	0	688	858	1059	730	261	57	7	2	0	0	1
AM Peak	07:00 319	02:00 36.3	02:00 27.5	02:00 8.5	00:00 0	07:00 183	09:00 105	10:00 88	06:00 120	06:00 61	06:00 11	04:00 2	00:00 1	00:00 0	00:00 0	00:00 0
PM Peak	12:00 249	20:00 28.7	20:00 23.2	16:00 5.5	12:00 0	14:00 45	13:00 98	12:00 110	18:00 67	19:00 26	20:00 10	19:00 1	12:00 0	12:00 0	12:00 0	16:00 1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	40	32.3	26.8	5.4	0	0	0	2	15	14	6	2	1	0	0	0
01:00	25	32.0	26.3	5.5	0	0	0	2	10	7	4	2	0	0	0	0
02:00	21	33.0	26.5	6.2	0	0	0	1	10	6	1	2	1	0	0	0
03:00	19	32.9	27.0	5.7	0	0	0	2	5	7	3	2	0	0	0	0
04:00	29	31.8	26.1	5.5	0	0	0	4	8	11	4	2	0	0	0	0
05:00	79	30.7	25.3	5.2	0	0	3	7	25	34	8	1	1	0	0	0
06:00	329	27.9	22.5	5.3	0	7	20	61	140	84	15	2	0	0	0	0
07:00	468	20.3	13.7	6.4	0	187	101	95	60	18	7	0	0	0	0	0
08:00	435	18.9	13.4	5.3	0	141	143	97	43	11	0	0	0	0	0	0
09:00	526	19.7	14.1	5.4	0	138	174	135	69	8	1	1	0	0	0	0
10:00	566	21.1	15.8	5.1	0	75	171	210	92	15	3	0	0	0	0	0
11:00	512	21.7	15.9	5.5	0	83	139	170	96	22	2	0	0	0	0	0
12:00	522	23.7	18.3	5.2	0	36	84	213	140	45	4	0	0	0	0	0
13:00	547	23.8	18.2	5.3	0	29	123	184	172	28	9	2	0	0	0	0
14:00	597	22.8	17.2	5.4	0	61	132	229	136	34	4	1	0	0	0	0
15:00	607	23.7	18.7	4.8	0	18	102	261	174	43	9	0	0	0	0	0
16:00	645	25.6	19.5	5.8	0	19	103	240	193	77	10	0	0	0	0	3
17:00	679	24.9	20.0	4.7	0	8	77	247	269	66	10	2	0	0	0	0
18:00	576	26.0	21.2	4.6	0	6	34	176	265	76	18	1	0	0	0	0
19:00	435	26.0	21.8	4.1	0	1	14	126	209	79	5	1	0	0	0	0
20:00	255	29.4	24.0	5.2	0	3	6	40	104	72	27	3	0	0	0	0
21:00	188	30.0	24.5	5.3	0	1	2	27	79	56	15	7	1	0	0	0
22:00	118	30.3	24.6	5.6	0	1	2	18	44	38	10	4	1	0	0	0
23:00	72	28.5	23.1	5.3	0	1	2	15	31	18	3	2	0	0	0	0
Total																
2H(10-12)	1078	21.4	15.9	5.3	0	158	310	380	188	37	5	0	0	0	0	0
2H(14-16)	1204	23.3	18.0	5.2	0	79	234	490	310	77	13	1	0	0	0	0
12H(7-19)	6680	23.5	17.4	5.8	0	801	1383	2257	1709	443	77	7	0	0	0	3
24H(0-24)	8290	25.0	18.6	6.2	0	815	1432	2562	2389	869	178	37	5	0	0	3
AM Peak	10:00 566	02:00 33.0	03:00 27.0	07:00 6.4	00:00 0	07:00 187	09:00 174	10:00 210	06:00 140	06:00 84	06:00 15	00:00 2	00:00 1	00:00 0	00:00 0	00:00 0
PM Peak	17:00 679	22:00 30.3	22:00 24.6	16:00 5.8	12:00 0	14:00 61	14:00 132	15:00 261	17:00 269	19:00 79	20:00 27	21:00 7	21:00 1	12:00 0	12:00 0	16:00 3

APPENDIX B



Site Plan: Existing Site & Context
Scale - 1:500 @ A1

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Do Not Scale. Refer to original sheet size and scale as indicated below.

PLANNING ISSUE

Rev: -
Date: 15/01/23
By: OH

PLANNING ISSUE

Client:
Highgate School
Highgate, London

Project:
Far Field: Proposed Pitch Renovation Works
Adjacent Courtenay Avenue, Highgate,
London, N6 4LP

Title:
SITE PLAN
EXISTING

Drawn by: ODH	Checked by: DKH
Scale: 1:500	Original size: A1
Date: JAN 2023	Revision: -
Drawing Number: 1704-FF-LL-DR-A-10001	



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PLANNING ISSUE	Rev: -
	Date: 15/01/23
	By: OH

Legend - Surfaces

-  Synthetic playing surface
-  Grass banks
-  Grass
-  Grass (reinforced)
-  Footpath
-  Spectator area

PLANNING ISSUE

Client:

Highgate School
Highgate, London

Project: Far Field: Proposed Pitch Renovation Works
Adjacent Courtenay Avenue, Highgate,
London. (Nearest Postcode N6 4LP)

Title:

SITE PLAN
PROPOSED SYNTHETIC TURF SURFACE

Drawn by: GPH	Checked by: BKH
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Scale: 1:500	Original size: A1
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Date: JAN 2023	Revision: -
Drawing Number: 1704-FF-LL-DR-A-10101	

Hemstock Design

Site Plan: Proposed Synthetic Turf Surface

Scale - 1:500 @ A1