

Driver Distraction Assessment

Council Application Reference No.:

71500 & 714794

Our Reference No.:

BRY-103

Site Address:

Footpath adjacent Bury interchange, Market Street, Bury

Proposal:

Installation of 1No. BT Street Hub Unit and associated advertisement panels on either side of the unit.

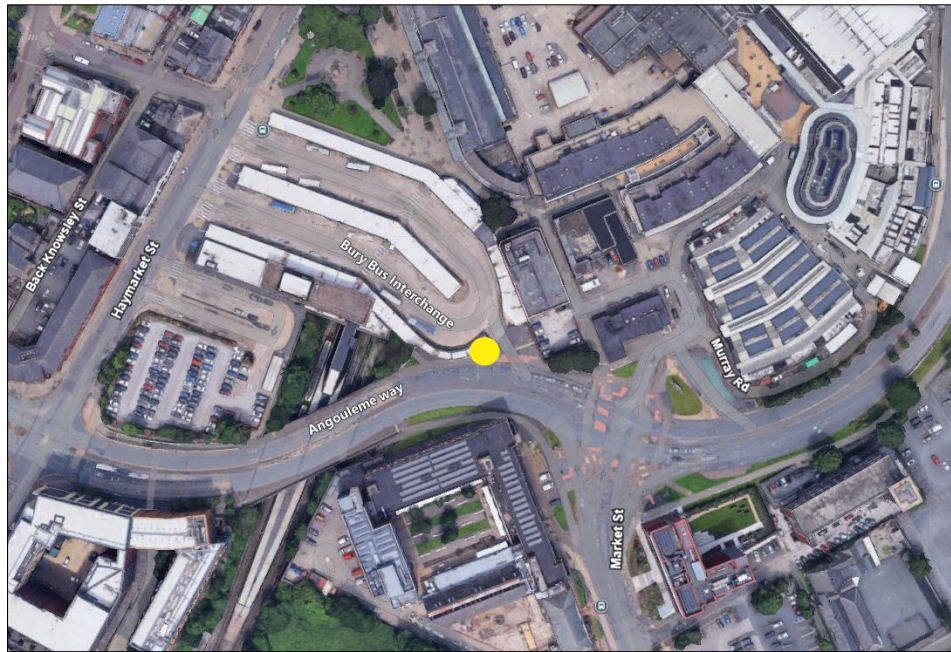
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Introduction

The following Driver Distraction Assessment has been prepared by Telent on behalf of BT Group plc ('the applicant') in support of the proposal for the installation of 1No. BT Street Hub Unit and associated advertisement panels on the footpath adjacent Bury interchange, Market Street, Bury BL9 0AY. Below is an aerial image of the proposed location.



The site is positioned on a portion of pedestrian footpath to the north side of Angouleme Way, adjacent to bus shelter at Bury Bus Interchange. Angouleme Way is a four-lane carriageway with traffic flow separated with a wide traffic island. The portion of road adjoining the proposed site accommodates east flowing traffic and includes traffic signals that control vehicles exiting the Bury Bus Interchange. There are no traffic signals that control west flowing traffic. A signalled pedestrian crossing exists east of the site.

Below is a street view image depicting the street scene and existing traffic signals.



Proposed Development

The proposal includes the installation of 1No. BT Street Hub Unit and associated advertisement panels on either side of the unit. Specifically, the proposal includes:

- Overall unit dimensions are 35cm deep x 123.6cm wide x 298.6cm high
- Advertising screen dimensions are 95cm wide x 167cm high (1.586sqm total screen area)
- Illumination levels at 5000 cd/m² for daytime and 300cd/m² at night
- 10 second interval advertising displays.

Full detail of the proposed unit and associated advertising displays is depicted in the following supporting documentation submitted with the application:

- Street Hub Product Statement V2.1 (Feb 2025) prepared by BT;
- Street Hub Dimensions Elevations A3 – STH001 prepared by BT; and
- Site Plans and Elevations prepared by BT.

Planning Policy

Town and Country Planning (Control of Advertisements) (England) Regulations 2007

Section 2 of the Town and Country Planning (Control of Advertisements) (England) Regulations 2007 (as amended) ('The Regulations') assesses the acceptability of advertisements with regards to their effect on amenity and public safety and specifically states:

Powers to be exercised in the interests of amenity and public safety

- (1) *A local planning authority shall exercise its powers under these Regulations in the interests of amenity and public safety, taking into account—*
- a. the provisions of the development plan, so far as they are material; and*
 - b. any other relevant factors.*

- (2) *Without prejudice to the generality of paragraph (1)b. —*
- factors relevant to amenity include the general characteristics of the locality, including the presence of any feature of historic, architectural, cultural or similar interest;*
 - factors relevant to public safety include—*
 - the safety of persons using any highway, railway, waterway, dock, harbour or aerodrome (civil or military);*
 - the safety of persons using any highway, railway, waterway, dock, harbour or aerodrome (civil or military);*
 - whether the display of the advertisement in question is likely to obscure, or hinder the ready interpretation of, any traffic sign, railway signal or aid to navigation by water or air;*

- iv. *whether the display of the advertisement in question is likely to hinder the operation of any device used for the purpose of security or surveillance or for measuring the speed of any vehicle.*

(3) In taking account of factors relevant to amenity, the local planning authority may, if it thinks fit, disregard any advertisement that is being displayed.

(4) Unless it appears to the local planning authority to be required in the interests of amenity or public safety, an express consent for the display of advertisements shall not contain any limitation or restriction relating to the subject matter, content or design of what is to be displayed.

National Planning Policy Framework (December 2024)

Section 12 of the National Planning Policy Framework (December 2024) ('NPPF') relates to achieving well-designed places. Specifically, paragraph 141 of Section 12 of the NPPF states the following in relation to advertising displays:

"The quality and character of places can suffer when advertisements are poorly sited and designed. A separate consent process within the planning system controls the display of advertisements, which should be operated in a way which is simple, efficient and effective. Advertisements should be subject to control only in the interests of amenity and public safety, taking account of cumulative impacts."

Planning Practice Guidance

The Communities and Local Government Planning Practice Guidance ('PPG') contains guidance on advertising developments and the interpretation of amenity and public safety referred to in The Regulations. The PPG states the following with regard to amenity:

"Amenity is not defined exhaustively in the Town and Country Planning (Control of Advertisements) (England) Regulations 2007"

"It is, however, a matter of interpretation by the local planning authority (and the Secretary of State) as it applies in any particular case. In practice, "amenity" is usually understood to mean the effect on visual and aural amenity in the immediate neighbourhood of an advertisement or site for the display of advertisements, where residents or passers-by will be aware of the advertisement."

The PPG states the following regarding public safety:

"All advertisements are intended to attract attention but proposed advertisements at points where drivers need to take more care are more likely to affect public safety. For example, at junctions, roundabouts, pedestrian crossings, on the approach to a low bridge or level crossing or other places where local conditions

present traffic hazards. There are less likely to be road safety problems if the advertisement is on a site within a commercial or industrial locality, if it is a shop fascia sign, name-board, trade or business sign, or a normal poster panel, and if the advertisement is not on the skyline.”

Supporting Documents

Guidance for Digital Roadside Advertising and Proposed Best Practice – 2013

The Transport for London’s (‘TfL’) Guidance for Digital Roadside Advertising and Proposed Best Practice – 2013 (‘the TfL Guidelines’) is a guiding document for the design and siting of advertising displays. The TfL Guidelines acknowledge assessment is based on a site by site basis, however, Section 4 provides recommendation for best practice assessment which broadly considers the below:

- *Location*
- *Longitudinal Spacing Between Digital Advertisements*
- *Position*
- *Orientation*
- *Minimum Message Display Duration*
- *Display Screen Form and Message Sequencing*
- *The Rate of Change*
- *Information Displayed on the Screen*
- *Lighting*

Professional Lighting Guide 05/23 – The Brightness of Illuminated Advertisements Including Digital Displays

The Institution of Lighting Professionals (‘ILP’) Professional Lighting Guide 05/23 – The Brightness of Illuminated Advertisements Including Digital Displays (PLG 05/23) details acceptable levels of illumination and frequency of displays in line with road lighting requirements. The recommendations within PLG 05/23 are detailed in Section 10 ‘Requirements for illuminated advertisements including digital displays’. The relevant Environmental Zones for the proposal are E3 (suburban) and E4 (urban).

Table 10.4: Recommended maximum night-time permitted values of display luminance

Light Technical Parameter	Maximum sign luminance (L_s) cd/m ²				
	Environmental zones				
Sign surface area	E0	E1	E2	E3	E4
0 to < 5 m ²	0	25	200	300	300
5 to < 20 m ²	0	0	200	300	300
≥ 20 m ²	0	0	100	200	300

Table 10.5 – Recommended maximum daytime permitted values of sign luminance.

Daylight ambient Illuminance (Eh) [lux]	Sign Luminance [cd/m ²]
Up to 3,500	≤ 400
3,501 to 8,500 (overcast day)	≤ 1,000
8,501 to 15,000 (bright day with cloud cover)	≤ 2,500
15,001 to 25,000 (bright sunny day)	≤ 3,500
25,001 to 42,000 (direct sunlight)	≤ 5,000
42,001 and above	> 5,000

Highway Assessment

The proposed advertising displays are designed and sited to comply with the above regulations and to minimise any impact on public safety, particularly highway safety. A detailed assessment is provided below.

Siting

The proposal has been strategically located in a position that ensures no obstruction or hinderance to the interpretation of any traffic sign or traffic signal. Furthermore, the unit has been positioned following careful consideration of the TfL Guidelines, specifically, the siting achieves the following:

- There would be no conflict with any traffic signs, signals, crossing points, schools, hospitals or low bridges.
- No sightlines or clearances would be affected.
- The TfL guidance states that ‘Static digital advertising is likely to be acceptable in locations where static advertising exists or would be accepted.’ There is existing traditional advertisement on similar sections of the respective roads in many cases.
- The geometry of the roads is not complicated, and the driving conditions are not considered to be demanding or complicated.
- The advertisements would not be experienced by a driver in conjunction with any other similar digital advertisements.
- As per the TfL guidance, the advertisements would be located as close to the driver’s natural eye line as possible and facing as head-on to the traffic as is practical.

Illumination and Frequency of Displays

The proposed advertising displays have been designed to ensure full compliance with recommended illumination levels and frequency of displays as outlined in the ILP’s PLG 05/23 and the TfL Guidelines. Specifically, the displays achieve the following, as recommended in the relevant guidelines:

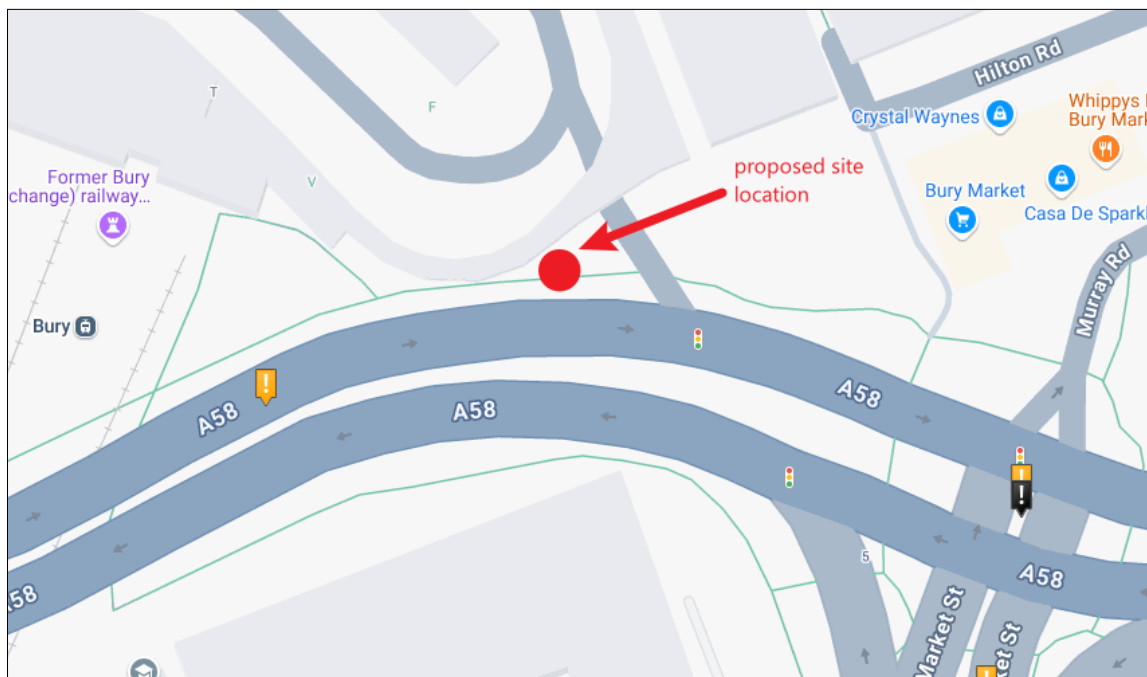
- Day time illumination levels at 5000 cd/m²
- Nighttime illumination levels at 300cd/m²

- 10 second interval advertising displays.

It's reiterated that the illumination and displays will not resemble official road traffic signs or traffic lights.

Road Safety Record

CRASHMAP is an online road safety record that provides access to maps and data on road collisions throughout the UK. The CRASHMAP records identify that within that past 5 years, 3 incidents were recorded in the area (2 slight and 1 fatal). We refer to the image below which depicts location and severity of the incidents in the area.



Although there are three nearby incidents, only one is of relevance as it lies within the traffic flow approaching the site and the nearby traffic signals. However, we can confirm that this incident was minor and showed no correlation with existing traffic conditions. Please refer to Appendix 1 for details of the relevant incident, as reported in the CRASHMAP data.

The other two incidents are located at the junction east of the site and have no direct relevance or impact on the site or the nearby traffic signals.

Overall, the CRASHMAP data indicates a low incidence of recorded accidents within the application area. It is therefore considered that the addition of the proposed advertising display is unlikely to impact or contribute to highway safety concerns.

Conclusion

It is evident that the proposed advertising displays comply with all relevant policies and regulations and will not result in any detrimental impact on public safety.

In particular, the location and siting of the displays are consistent with the recommendations set out in the TfL Guidelines, ensuring they do not conflict with or adversely affect traffic conditions or road safety.

The levels of illumination and frequency of displays adhere to the standards outlined in the ILP's PLG 05/23 guidance. As such, the displays are not expected to cause distraction or confusion for drivers.

The road safety record indicates there are no prominent highway safety concerns within close proximity of the application site, evident in the low incidence of recorded accidents on the CRASHMAP database. This supports the conclusion that the installation of the compliant advertising displays will not pose a risk to highway safety.

Overall, it's considered that the advertising display will have no material impact on driver distraction, highway safety or public safety.

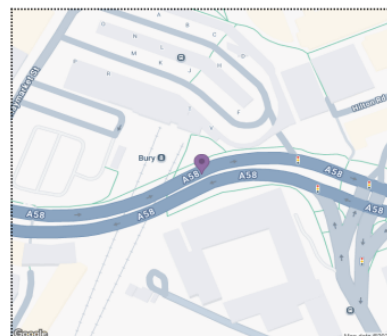
Appendix 1 – CRASHMAP Report



crashmap.co.uk

Validated Data

Crash Date: Wednesday, January 26, 2022 **Time of Crash:** 08:40:00 **Crash Reference:** 2022061137011
Highest Injury Severity: Slight **Road Number:** A58 **Casualties:** 1
Highway Authority: Bury **Vehicles:** 2
Local Authority: Bury **OS Grid Reference:** 380449 410498
Weather Description: Fine without high winds
Road Surface Description: Dry
Speed Limit: 30
Light Conditions: Daylight: regardless of presence of streetlights
Carriageway Hazards: None
Junction Detail: Not at or within 20 metres of junction
Junction Pedestrian Crossing: Pedestrian phase at traffic signal junction
Road Type: Dual carriageway
Junction Control: Unknown



For more information about the data please visit: www.crashmap.co.uk/home/faq

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Report Generated: 5/2/2025 9:37:55 AM

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Validated Data

Crash Date: Wednesday, January 26, 2022 **Time of Crash:** 08:40:00 **Crash Reference:** 2022061137011

Vehicles Involved

Vehicle Ref	Vehicle Type	Vehicle Age	Driver Gender	Driver Age Band	Vehicle Manoeuvre	First Point of Impact	Journey Purpose	Hit Object - On Carriageway	Hit Object - Off Carriageway
1	Car (excluding private hire cars 2005 onwards)	19	Male	16 - 20	Vehicle proceeding normally along the carriageway, on a left hand bend	Nearside	Other	None	None
2	Car (excluding private hire cars 2005 onwards)	5	Female	46 - 55	Vehicle proceeding normally along the carriageway, on a right hand bend	Front	Other	None	None

Casualties

Vehicle Ref	Casualty Ref	Injury Severity	Casualty Class	Gender	Age Band	Pedestrian Location	Pedestrian Movement
1	1	Slight	Vehicle or pillion passenger	Female	11 - 15	Unknown or other	Unknown or other

For more information about the data please visit: www.crashmap.co.uk/home/faq

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