



# Transport for London

## Record of Periodic Inspection

### Site Details

Site Number 28/000027/U    Site Type Junction    Address B451 HARVIST ROAD - CHAMBERLAYNE ROAD - B451 MORTIMER ROAD

### Periodic Inspection

<u>Maintenance Date</u> (Periodic Inspection Date)	01-Jun-2020 15:20	<u>Engineer Name</u>	KAGGWAD
<u>Inspection Type</u>	Full	<u>Inspection Status</u>	COMPLETE
<u>Controller Details</u>	Telent Optima-J ELV UTC Semi VA Controller	<u>Monitoring Details</u>	UTC

### Questionnaire

#### Visual Inspection

- |    |                                                                                                                                 |                                               |
|----|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| 1  | Are all aspects working and clearly visible?                                                                                    | Yes                                           |
| 2  | Are all aspects correctly aligned?                                                                                              | Yes                                           |
| 3  | Are the Cut-away hoods in good condition and aligned correctly?                                                                 | n/a                                           |
| 4  | Are the Tunnel hoods in good condition and aligned correctly?                                                                   | n/a                                           |
| 5  | Are the Louvred hoods in good condition and aligned correctly?                                                                  | n/a                                           |
| 6  | Is the site free from see through problems?                                                                                     | Yes                                           |
| 7  | Are all Reg Signs (including Secret Signs) Present, secure and working correctly?                                               | Yes                                           |
| 8  | Are Blind Spot Safety Mirrors fitted, aligned correctly and in good condition?                                                  | n/a                                           |
| 9  | Is the site free from foliage obstructing traffic signal visibility and/or detector operation?                                  | Yes                                           |
| 10 | Are Audio/Tactiles fitted and working correctly?                                                                                | Yes                                           |
| 11 | Are all PBU's present and secure?                                                                                               | Yes                                           |
| 12 | Is all Traffic Control Equipment Clean?                                                                                         | Yes                                           |
| 13 | Are all post caps present and secure?                                                                                           | No - cleared cobwebs from controller and esp  |
| 14 | Is the site free from non contractual equipment (if no identify type in comments)?                                              | Yes                                           |
| 15 | Is the non contractual equipment fitted in safe condition?                                                                      | Yes                                           |
| 16 | Is the site free from graffiti?                                                                                                 | Yes                                           |
| 17 | Is the site free from any cosmetic damage?                                                                                      | Yes                                           |
| 18 | Is the controller, PJJ and ESP wiring tagged?                                                                                   | Yes                                           |
| 19 | Are the controller, PJJ and ESP sealed and free from corrosion (including ducts and door seals) and equipment seated correctly? | Yes                                           |
| 20 | Is the controller, PJJ and ESP free from vermin infestation?                                                                    | Yes                                           |
| 21 | Ensure the controller, PJJ and ESP are clean and free from debris.                                                              | No - removed stickers from poles 1,2,8,4,5,7, |
| 22 | Ensure all locks, including bolts are present and working correctly.                                                            | Yes                                           |
| 23 | Is all Above Ground Detection aligned correctly and secured?                                                                    | Yes                                           |
| 24 | Is Video Detection fitted, clean and secure?                                                                                    | n/a                                           |



# Transport for London

## Record of Periodic Inspection

### Site Details

Site Number 28/000027/U Site Type Junction Address B451 HARVIST ROAD - CHAMBERLAYNE ROAD - B451 MORTIMER ROAD

### Periodic Inspection

Maintenance Date  
(Periodic Inspection Date) 01-Jun-2020 15:20 Engineer Name KAGGWAD  
Inspection Type Full Inspection Status COMPLETE  
Controller Details Telent Optima-J ELV UTC Semi VA Controller Monitoring Details UTC

### Questionnaire

#### Visual Inspection

- |    |                                                                          |     |
|----|--------------------------------------------------------------------------|-----|
| 25 | Are all covers, pit lids and access panels free from defects and secure? | Yes |
| 26 | Is the site equipment free from any Health and Safety risk?              | Yes |
| 27 | Confirm the operation of PE Cell (site dimming)?                         | Yes |
| 28 | Are all road markings clearly visible?                                   | Yes |

#### Site Documentation

- |     |                                                                                                     |       |
|-----|-----------------------------------------------------------------------------------------------------|-------|
| 1   | Is log book present (provide a new one if log book is not present or current one is nearly full)    | Yes   |
| 2   | Is the documentation wallet present (provide a new one if the current one is defective or missing)? | Yes   |
| 3   | Is Timing Sheet present on site correct to SFM records?                                             | Yes   |
| 3.1 | Issue No                                                                                            | 21    |
| 4   | Is current SLD present?                                                                             | Yes   |
| 4.1 | Issue No                                                                                            | 21    |
| 5   | Is the site layout in accordance with the SLD?                                                      | Yes   |
| 6   | Are all road markings as shown on SLD?                                                              | Yes   |
| 7   | Is TfL Spec present (applies only to junctions)?                                                    | Yes   |
| 7.1 | Issue number of TfL Specification                                                                   | 7     |
| 8   | Is the Manufacturer's Controller Spec present?                                                      | Yes   |
| 8.1 | Configuration number of Spec                                                                        | 28-27 |
| 8.2 | Issue number                                                                                        | 3     |
| 9   | Is a RAM sheet present (provide one if none present)?                                               | Yes   |
| 10  | Is the Loop Identification card present and correct?                                                | Yes   |
| 11  | Is the Magnetometer Identification card present and correct?                                        | Yes   |
| 12  | Remove old issue paperwork and tidy remainder into document wallet.                                 | Yes   |



# Transport for London

## Record of Periodic Inspection

### Site Details

Site Number 28/000027/U Site Type Junction Address B451 HARVIST ROAD - CHAMBERLAYNE ROAD - B451 MORTIMER ROAD

### Periodic Inspection

<u>Maintenance Date</u> (Periodic Inspection Date)	01-Jun-2020 15:20	<u>Engineer Name</u>	KAGGWAD
<u>Inspection Type</u>	Full	<u>Inspection Status</u>	COMPLETE
<u>Controller Details</u>	Telent Optima-J ELV UTC Semi VA Controller	<u>Monitoring Details</u>	UTC

### Questionnaire

#### Handset/Controller Checks

- |      |                                                                                                                                    |                                            |
|------|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| 1    | Check all detection / inputs insert the correct demands?                                                                           | Yes                                        |
| 2    | Is all detection set to normal operation?                                                                                          | Yes                                        |
| 3    | Is the input sense correct for each detector (e.g. Inverted for on crossing detection)?                                            | n/a                                        |
| 4    | Ensure Scoot detection is setup and working correctly.                                                                             | Yes                                        |
| 5    | Ensure the Speed Measurement Detection is working correctly.                                                                       | n/a                                        |
| 6    | Is the timetable for Audibles as per the specification/Ram Sheet?                                                                  | Yes                                        |
| 7    | Ensure all RAM data is correct to the latest specification / RAM sheet.                                                            | Yes                                        |
| 8    | Ensure all timings are as per the latest timing sheet.                                                                             | Yes                                        |
| 9    | Ensure all timetable entries are as per the latest timing sheet.                                                                   | Yes                                        |
| 10   | Ensure Controller clock settings and date are correct.                                                                             | Yes                                        |
| 11   | Ensure controller mode of operation is correct.                                                                                    | Yes                                        |
| 11.1 | Mode of operation                                                                                                                  | utc                                        |
| 12   | Does the manufacturers spec. match the configuration running in the controller?                                                    | Yes                                        |
| 12.1 | Note the configuration running                                                                                                     | 28-27 3                                    |
| 13   | Are the controller fault log/s clear?                                                                                              | Yes                                        |
| 14   | For standalone pedestrian crossings (only) confirm the operation and correct wiring of the controller Red Lamp Monitoring.         | n/a                                        |
| 15   | Is the ancillary equipment operating correctly (e.g. OMU, IMU)?                                                                    | Yes                                        |
| 16   | Are all changeable batteries less than 5.5 years old (i.e. if they are more than 5.5 years old they require replacement)?          | No - replaced both batteries ibus and utmc |
| 17   | Ensure all replaceable batteries are labelled with an install date. (Use the site controller installed date if labels not present) | Yes                                        |



# Transport for London

## Record of Periodic Inspection

### Site Details

Site Number 28/000027/U    Site Type Junction    Address B451 HARVIST ROAD - CHAMBERLAYNE ROAD - B451 MORTIMER ROAD

### Periodic Inspection

<u>Maintenance Date</u> (Periodic Inspection Date)	01-Jun-2020 15:20	<u>Engineer Name</u>	KAGGWAD
<u>Inspection Type</u>	Full	<u>Inspection Status</u>	COMPLETE
<u>Controller Details</u>	Telent Optima-J ELV UTC Semi VA Controller	<u>Monitoring Details</u>	UTC

### Questionnaire

#### Electrical Checks

1	Take the meter reading (for sites fitted with electricity meters)	n/a
2	Check all wiring within feeder pillar particularly for conductor condition, integrity of insulation and security of all anchorages, barriers, termination/connections and components	Yes
3	Check all earth connections within the controller, ESP and PJL (where fitted) are present and tightly secured	Yes
4	Check all warning labels/circuit identification labels are not missing, damaged, or illegible	Yes
5	Confirm the Earth Fault Loop Impedance at the maintenance socket within tolerance ( $\leq 1.47$ Ohms)	Yes
5.1	Impedance (Ohms)	0.78
6	Confirm the Operation of the maintenance socket RCD - a) 0.5 x no trip	Pass
7	Confirm the Operation of the maintenance socket RCD - b) 1 x ( $\leq 200$ mS)	Pass
7.1	Positive Cycle	18.4
7.2	Negative Cycle	18.0
8	Confirm the Operation of the maintenance socket RCD - c) 5 x ( $\leq 40$ mS)	Pass
8.1	Positive Cycle	8.4
8.2	Negative Cycle	8.0
9	Confirm the Operation of the maintenance socket RCD - d) RCD trips by pushing the button	Pass
10	Confirm the Earth Fault Loop Impedance at all LV push button front covers is within tolerance. (detail any failures) - (action on failure) &#8594; Pole number / Reading / Fault Button	n/a



# Transport for London

## Record of Periodic Inspection

**Site Details**

Site Number 28/000027/U    Site Type Junction    Address B451 HARVIST ROAD - CHAMBERLAYNE ROAD - B451 MORTIMER ROAD

**Periodic Inspection**

<u>Maintenance Date</u> (Periodic Inspection Date)	01-Jun-2020 15:20	<u>Engineer Name</u>	KAGGWAD
<u>Inspection Type</u>	Full	<u>Inspection Status</u>	COMPLETE
<u>Controller Details</u>	Telent Optima-J ELV UTC Semi VA Controller	<u>Monitoring Details</u>	UTC

**Questionnaire**

Asset Check

- |     |                                                                                                                                                                        |            |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 1   | Rate the condition of the controller and associated equipment (1-Very Bad, 2-Poor, 3-Acceptable, 4-Good, 5-Excellent)                                                  | <b>Yes</b> |
| 1.1 | Rate                                                                                                                                                                   | <b>4</b>   |
| 2   | Rate the condition of the lanterns and optical equipment (1-Very Bad, 2-Poor, 3-Acceptable, 4-Good, 5-Excellent)                                                       | <b>Yes</b> |
| 2.1 | Rate                                                                                                                                                                   | <b>4</b>   |
| 3   | Rate the condition of the poles and infrastructure equipment (1-Very Bad, 2-Poor, 3-Acceptable, 4-Good, 5-Excellent)                                                   | <b>Yes</b> |
| 3.1 | Rate                                                                                                                                                                   | <b>4</b>   |
| 4   | Rate the condition of the detection (1-Very Bad, 2-Poor, 3-Acceptable, 4-Good, 5-Excellent)                                                                            | <b>Yes</b> |
| 4.1 | Rate                                                                                                                                                                   | <b>4</b>   |
| 5   | Rate the condition of the Ancillary Equipment (e.g. RM/UTC) (1-Very Bad, 2-Poor, 3-Acceptable, 4-Good, 5-Excellent)                                                    | <b>Yes</b> |
| 5.1 | Rate                                                                                                                                                                   | <b>4</b>   |
| 6   | Are all assets in accordance with the following list? (NB, assets found onsite that are in addition to the equipment list must be added by selecting the 'No' option.) | <b>Yes</b> |

**Comments**

.....

.....

.....

.....

.....



# Transport for London

## Record of Periodic Inspection

### Site Details

Site Number 28/000027/U    Site Type Junction    Address B451 HARVIST ROAD - CHAMBERLAYNE ROAD - B451 MORTIMER ROAD

### Periodic Inspection

<u>Maintenance Date</u> (Periodic Inspection Date)	01-Jun-2020 15:20	<u>Engineer Name</u>	KAGGWAD
<u>Inspection Type</u>	Full	<u>Inspection Status</u>	COMPLETE
<u>Controller Details</u>	Telent Optima-J ELV UTC Semi VA Controller	<u>Monitoring Details</u>	UTC

### Site Equipment List

#### Location Details

#### Controller

##### Controller 1

- JH0301 - Pudsey Diamond Supply Pillar, Type A
- JL0000 - BT Termination Post (large). PJL
- 648142 - Telent Optima-J ELV UTC Semi VA Controller
- OMU181 - Siemens Gemini 2 OMU (Bus Processor) iBus
- XTU909 - IPOTU Gemini2 (Parallel) and router
- VL4501 - M'sense MXED4-24R(4 Channel) Cont Mountd
- VL1A00 - Telent MXED11424R detector card

#### Remote

##### Remote 1

- AVI000 - Virtual Bus Detector (iBus)
- AVI000 - Virtual Bus Detector (iBus)

#### Unallocated

#### In-Road SD

##### In-Road SD 1

- VLLSCO - In-Road Detector SCOOT Loop
- VLLSCO - In-Road Detector SCOOT Loop
- VLLSCO - In-Road Detector SCOOT Loop
- VLLSCU - In-Road Detector Uni-Directional SCOOT Loop
- VLLSCU - In-Road Detector Uni-Directional SCOOT Loop

#### Pole

##### Pole 1

- PCU001 - Black Coated Pole (4.0m) Unsp
- LL34V1 - 3 Aspect Lantern (LED) Telent ELV
- LL34V1 - 3 Aspect Lantern (LED) Telent ELV
- LL24V1 - 2 Aspect Lantern (LED) Telent ELV
- HA1L01 - Audible unit within Push Button (Askari)
- HM1001 - Push Button Unit
- HT1K01 - Tactile Rotating Cone within Push Button (Radix)
- BH34V4 - Box Sign (NLT) Swarco ELV
- WPLA00 - LED Wait Indicator (Pedestrian Legend - 2 Man) AGD924 ELV
- WZ1003 - 1 Aspect - Pedestrian Countdown Signal - PCaTS Unit (Aldridge)
- VI15A0 - Microsense AIM-S Infra Red Detector
- VR1E80 - Radar Detector AGD 206 MVD
- ZPS400 - Demountable Pole Socket - NAL
- BS0401 - Secret Sign ELV NRT Telent
- BS0401 - Secret Sign ELV NRT Telent

##### Pole 2

- PCU001 - Black Coated Pole (4.0m) Unsp
- LL24V1 - 2 Aspect Lantern (LED) Telent ELV
- HA1L01 - Audible unit within Push Button (Askari)
- HM1001 - Push Button Unit
- HT1K01 - Tactile Rotating Cone within Push Button (Radix)
- WPLA00 - LED Wait Indicator (Pedestrian Legend - 2 Man) AGD924 ELV
- WZ1003 - 1 Aspect - Pedestrian Countdown Signal - PCaTS Unit (Aldridge)
- ZPS400 - Demountable Pole Socket - NAL

##### Pole 3

- PCU001 - Black Coated Pole (4.0m) Unsp
- LL34V1 - 3 Aspect Lantern (LED) Telent ELV



# Transport for London

## Record of Periodic Inspection

### Site Details

Site Number 28/000027/U   Site Type Junction   Address B451 HARVIST ROAD - CHAMBERLAYNE ROAD - B451 MORTIMER ROAD

### Periodic Inspection

<u>Maintenance Date</u> (Periodic Inspection Date)	01-Jun-2020 15:20	<u>Engineer Name</u>	KAGGWAD
<u>Inspection Type</u>	Full	<u>Inspection Status</u>	COMPLETE
<u>Controller Details</u>	Telent Optima-J ELV UTC Semi VA Controller	<u>Monitoring Details</u>	UTC

### Site Equipment List

#### Location Details

LL34V1 - 3 Aspect Lantern (LED) Telent ELV  
LL24V1 - 2 Aspect Lantern (LED) Telent ELV  
HA1L01 - Audible unit within Push Button (Askari)  
HM1001 - Push Button Unit  
HT1K01 - Tactile Rotating Cone within Push Button (Radix)  
WPLA00 - LED Wait Indicator (Pedestrian Legend - 2 Man) AGD924 ELV  
WZ1003 - 1 Aspect - Pedestrian Countdown Signal - PCaTS Unit (Aldridge)  
ZPS400 - Demountable Pole Socket - NAL  
BS0401 - Secret Sign ELV NRT Telent  
BS0401 - Secret Sign ELV NRT Telent

#### Pole 4

PCU001 - Black Coated Pole (4.0m) Unsp  
LL34V1 - 3 Aspect Lantern (LED) Telent ELV  
LL34V1 - 3 Aspect Lantern (LED) Telent ELV  
LL24V1 - 2 Aspect Lantern (LED) Telent ELV  
HA1L01 - Audible unit within Push Button (Askari)  
HM1001 - Push Button Unit  
HT1K01 - Tactile Rotating Cone within Push Button (Radix)  
BH34V4 - Box Sign (NLT) Swarco ELV  
WPLA00 - LED Wait Indicator (Pedestrian Legend - 2 Man) AGD924 ELV  
WZ1003 - 1 Aspect - Pedestrian Countdown Signal - PCaTS Unit (Aldridge)  
VI15A0 - Microsense AIM-S Infra Red Detector  
VR1E80 - Radar Detector AGD 206 MVD  
ZPS400 - Demountable Pole Socket - NAL  
BS0401 - Secret Sign ELV NRT Telent  
BS0401 - Secret Sign ELV NRT Telent

#### Pole 5

PCU001 - Black Coated Pole (4.0m) Unsp  
LL24V1 - 2 Aspect Lantern (LED) Telent ELV  
HA1L01 - Audible unit within Push Button (Askari)  
HM1001 - Push Button Unit  
HT1K01 - Tactile Rotating Cone within Push Button (Radix)  
WPLA00 - LED Wait Indicator (Pedestrian Legend - 2 Man) AGD924 ELV  
WZ1003 - 1 Aspect - Pedestrian Countdown Signal - PCaTS Unit (Aldridge)  
ZPS400 - Demountable Pole Socket - NAL

#### Pole 6

PCU001 - Black Coated Pole (4.0m) Unsp  
LL34V1 - 3 Aspect Lantern (LED) Telent ELV  
LL34V1 - 3 Aspect Lantern (LED) Telent ELV  
LL24V1 - 2 Aspect Lantern (LED) Telent ELV  
HA1L01 - Audible unit within Push Button (Askari)  
HM1001 - Push Button Unit  
HT1K01 - Tactile Rotating Cone within Push Button (Radix)  
WPLA00 - LED Wait Indicator (Pedestrian Legend - 2 Man) AGD924 ELV  
WZ1003 - 1 Aspect - Pedestrian Countdown Signal - PCaTS Unit (Aldridge)  
ZPS400 - Demountable Pole Socket - NAL  
BS0401 - Secret Sign ELV NRT Telent  
BS0401 - Secret Sign ELV NRT Telent

#### Pole 7

PCU001 - Black Coated Pole (4.0m) Unsp



# Transport for London

## Record of Periodic Inspection

### Site Details

Site Number 28/000027/U    Site Type Junction    Address B451 HARVIST ROAD - CHAMBERLAYNE ROAD - B451 MORTIMER ROAD

### Periodic Inspection

<u>Maintenance Date</u> (Periodic Inspection Date)	01-Jun-2020 15:20	<u>Engineer Name</u>	KAGGWAD
<u>Inspection Type</u>	Full	<u>Inspection Status</u>	COMPLETE
<u>Controller Details</u>	Telent Optima-J ELV UTC Semi VA Controller	<u>Monitoring Details</u>	UTC

### Site Equipment List

#### Location Details

LL24V1 - 2 Aspect Lantern (LED) Telent ELV  
HA1L01 - Audible unit within Push Button (Askari)  
HM1001 - Push Button Unit  
HT1K01 - Tactile Rotating Cone within Push Button (Radix)  
WPLA00 - LED Wait Indicator (Pedestrian Legend - 2 Man) AGD924 ELV  
WZ1003 - 1 Aspect - Pedestrian Countdown Signal - PCaTS Unit (Aldridge)  
RLK100 - iBUS Signal Mounted Radio  
ZPS400 - Demountable Pole Socket - NAL  
PEC001 - PE CELL - ELV Controller

#### Pole 8

PCU001 - Black Coated Pole (4.0m) Unsp  
LL24V1 - 2 Aspect Lantern (LED) Telent ELV  
HA1L01 - Audible unit within Push Button (Askari)  
HM1001 - Push Button Unit  
HT1K01 - Tactile Rotating Cone within Push Button (Radix)  
WPLA00 - LED Wait Indicator (Pedestrian Legend - 2 Man) AGD924 ELV  
WZ1003 - 1 Aspect - Pedestrian Countdown Signal - PCaTS Unit (Aldridge)  
ZPS400 - Demountable Pole Socket - NAL