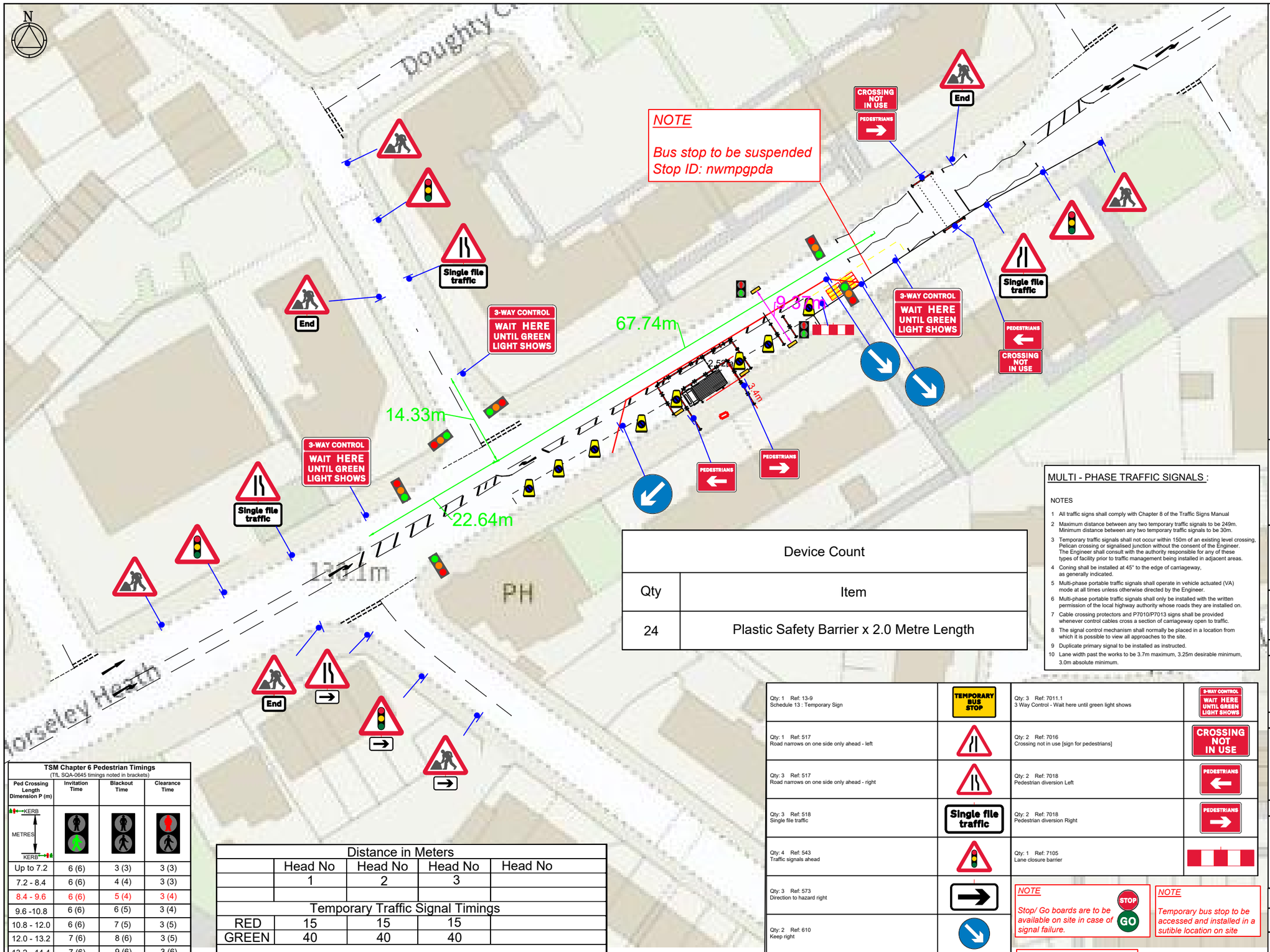
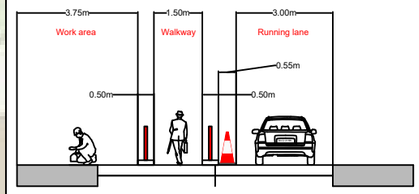


KEY

- Pedestrian Barrier
- Cone
- Sign
- Portable traffic signal
- Work area
- Closed area
- Safety Zone
- Diversion Route
- Pedestrian Route
- 1 Traffic signal phase
- Pedestrian ramp (Fixed to ground)
- TM Operative
- Marshal
- No Parking Cones
- Temporary Pedestrian Crossing



DETAIL B

Single/Dual carriageway 40mph or less - 450mm traffic cones, spacing 1.5m.
Single/Dual carriageway 50mph or more - 750mm traffic cones, spacing 1.5m.
Dual carriageway national speed limit - 750mm traffic cones, spacing 1.5m, relaxation 3m.

Notes:
1) During darkness, warning lights to BS EN 12352:2006 should be provided in accordance with Table A1.3 (Appendix 1).
2) 45° tapers have 1.5m spacing, no relaxations.
3) On motorways and NSL AP duals with hard shoulders, 1m cones will be required for both standard and relaxation works for lead tapers and the facing wall of lane changes.

DETAIL C2

Single carriageway 40mph or less - 450mm traffic cones.
Single/Dual carriageway 50mph or more - 750mm traffic cones.

Notes:
1) During darkness, warning lights to BS EN 12352:2006 should be provided in accordance with Table A1.3.

Click Pin and Map for Google Maps link
EASTINGS & NORTHINGS:

397357 , 292271

MJ Quinn

Client

openreach

Works Description

Renew pole in Tarmac

Address

Horseley Heath, Great Bridge, Wednesbury, Sandwell, West Midlands,DY4 7EA

TM Type

3 WAY TEMPORARY TRAFFIC LIGHTS SWITCH OUT 1 x TEMP PED CROSSING 1 X BUS STOP SUSPENSION NO PARKING CONES

Design: S.FINNIGAN	Drawn: S.FINNIGAN	Chkd: A.BUTTERWORTH
Date: 05/02/25	Date: 05/02/25	Date: 05/02/25
Scale: NTS	Status: DRAFT	Revision: N/A

Drawing No

67-1900-MJQ2025-0761 - WG2CFJ3F - TIPTON - 51-4000

Road Speed 30

MULTI - PHASE TRAFFIC SIGNALS :

NOTES

1 All traffic signs shall comply with Chapter 8 of the Traffic Signs Manual
2 Maximum distance between any two temporary traffic signals to be 249m. Minimum distance between any two temporary traffic signals to be 30m.
3 Temporary traffic signals shall not occur within 150m of an existing level crossing, Pelican crossing or signalised junction without the consent of the Engineer. The Engineer shall consult with the authority responsible for any of these types of facility prior to traffic management being installed in adjacent areas.
4 Coning shall be installed at 45° to the edge of carriageway, as generally indicated.
5 Multi-phase portable traffic signals shall operate in vehicle actuated (VA) mode at all times unless otherwise directed by the Engineer.
6 Multi-phase portable traffic signals shall only be installed with the written permission of the local highway authority whose roads they are installed on.
7 Cable crossing protectors and P7010/P7013 signs shall be provided whenever control cables cross a section of carriageway open to traffic.
8 The signal control mechanism shall normally be placed in a location from which it is possible to view all approaches to the site.
9 Duplicate primary signal to be installed as instructed.
10 Lane width past the works to be 3.7m maximum, 3.25m desirable minimum, 3.0m absolute minimum.

Device Count

Qty	Item
24	Plastic Safety Barrier x 2.0 Metre Length

Qty: 1 Ref: 13-9 Schedule 13 : Temporary Sign	TEMPORARY BUS STOP	Qty: 3 Ref: 7011.1 3 Way Control - Wait here until green light shows	3-WAY CONTROL WAIT HERE UNTIL GREEN LIGHT SHOWS
Qty: 1 Ref: 517 Road narrows on one side only ahead - left		Qty: 2 Ref: 7016 Crossing not in use [sign for pedestrians]	CROSSING NOT IN USE
Qty: 3 Ref: 517 Road narrows on one side only ahead - right		Qty: 2 Ref: 7018 Pedestrian diversion Left	PEDESTRIANS
Qty: 3 Ref: 518 Single file traffic	Single file traffic	Qty: 2 Ref: 7018 Pedestrian diversion Right	PEDESTRIANS
Qty: 4 Ref: 543 Traffic signals ahead		Qty: 1 Ref: 7105 Lane closure barrier	
Qty: 3 Ref: 573 Direction to hazard right			
Qty: 2 Ref: 610 Keep right			
Qty: 1 Ref: 610 Keep left			
Qty: 3 Ref: 645 End panel	End		
Qty: 7 Ref: 7001 Road works ahead			

NOTE
Stop/ Go boards are to be available on site in case of signal failure.

NOTE
Temporary bus stop to be accessed and installed in a sutible location on site

NOTE
Existing traffic lights to be switched off / bagged.

NOTE
No parking cones to be installed prior to works.

TSM Chapter 6 Pedestrian Timings
(TfL SQA-0645 timings noted in brackets)

Ped Crossing Length Dimension P (m) (KERB METRES KERB)	Invitation Time	Blackout Time	Clearance Time
Up to 7.2	6 (6)	3 (3)	3 (3)
7.2 - 8.4	6 (6)	4 (4)	3 (3)
8.4 - 9.6	6 (6)	5 (4)	3 (4)
9.6 -10.8	6 (6)	6 (5)	3 (4)
10.8 - 12.0	6 (6)	7 (5)	3 (5)
12.0 - 13.2	7 (6)	8 (6)	3 (5)
13.2 - 14.4	7 (6)	9 (6)	3 (6)
14.4 - 15.6	8 (6)	10 (7)	3 (6)
15.6 - 16.8	8 (6)	11 (7)	3 (7)
16.8 - 18.0	9 (6)	12 (8)	3 (7)
18.0 - 19.2	9 (6)	13 (8)	3 (8)
19.2 - 20.4	10 (6)	14 (8)	3 (8)
20.4 - 21.6	10 (6)	15 (9)	3 (9)
21.6 - 22.8	11 (6)	** (10)	** (9)
22.8 - 24.0	11 (6)	** (10)	** (10)

Distance in Meters					
	Head No 1	Head No 2	Head No 3	Head No	
Temporary Traffic Signal Timings					
RED	15	15	15		
GREEN	40	40	40		
0	50	100	150	200	250
5	10	15	20	25	30
Length Of Works (Meters)					
Maximum GREEN Timings (Seconds)					
0	75		135		195
35		40		45	

Please note that the settings of Maximum Green time should be increased if substanial queues begin to form

The timings should not be reduced below the insitial settings approved