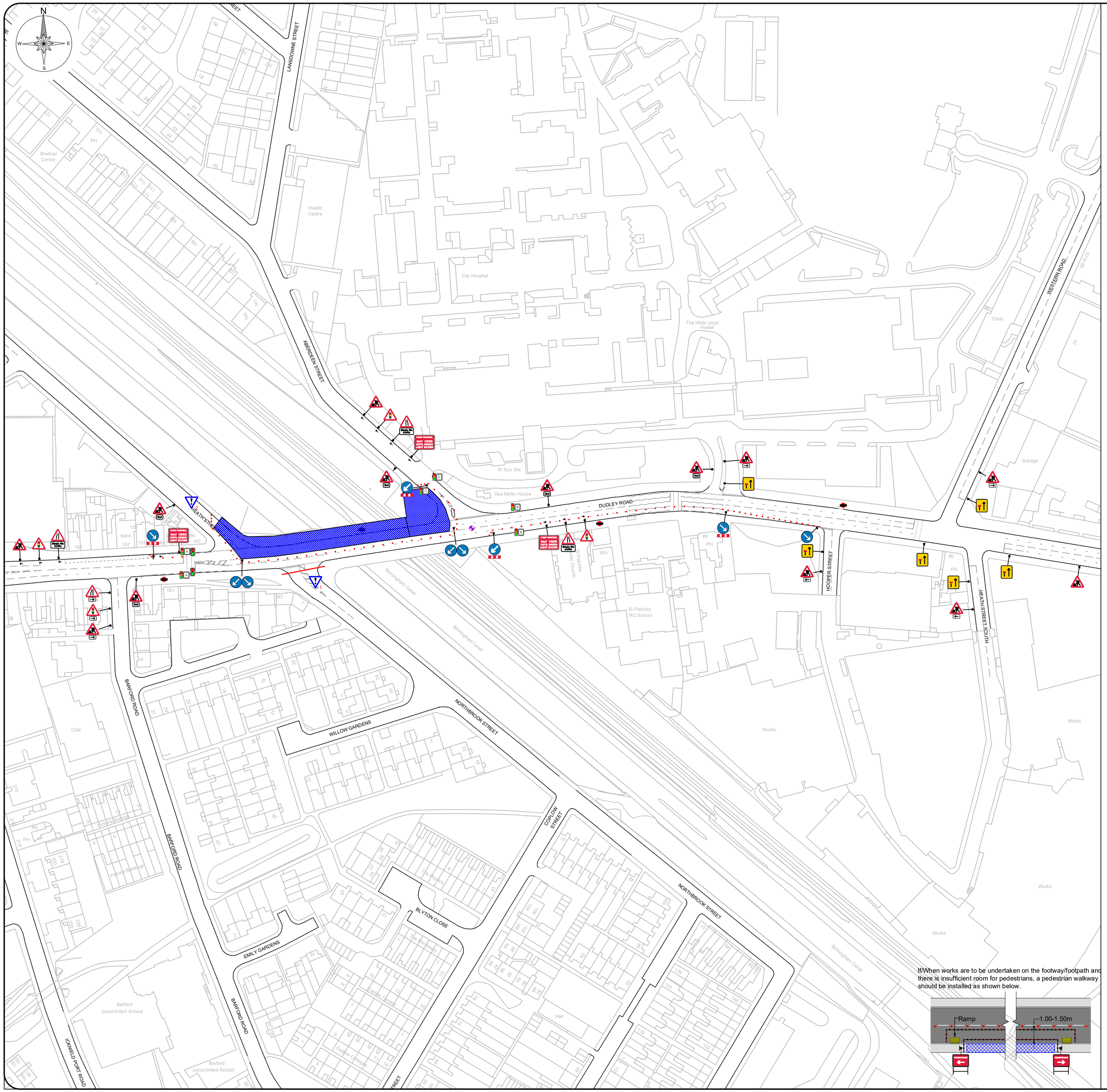

If/When works are to be undertaken on the footway/footpath and there is insufficient room for pedestrians, a pedestrian walkway should be installed as shown below.

Desktop survey undertaken from google street view with imagery dated: June 2022

All traffic management shall comply with all current legislation and guidance including Chapter 8, Safety at Street Works and Road Works (A Code of Practice).

Pedestrian management to be installed and managed to suit site conditions in accordance with current legislation & codes of practice by the contractor unless otherwise stated.

All signage and road markings shall conform with the Traffic Signs Regulations and General Directions (TSRGD).

Sign locations are indicative only, exact location to be determined on site.

Suitably qualified operative to assess site to ensure the installation complies with all current legislation. Any issues and/or changes from the original design should be immediately reported to the relevant contracts manager/designer.

This design is only valid for 12months from date of production and should be re-evaluated if installation is to take place after this period.

Size of signage:

Single carriageway permanent speed limit as shown below or less)

30	40	50 or more
600mm	750mm	900mm

Shuttle Lane information:

	Standard: Normal traffic inc buses and HGVs	Restricted: Cars and light vehicles only
Two-way working	6.75m minimum	5.5m minimum
Shuttle working	3.25-3.50m desirable 3.0m absolute min	3.25m desirable 2.5m absolute min

Vehicle Actuated (VA) Temporary Traffic Light Phase Timings

Phase	Red Time	Green Time
A	20 seconds.	45 seconds.
B	20 seconds.	45 seconds.
C	20 seconds.	30 seconds.

Timings may be adjusted on site to suit traffic flow/conditions if required by a suitably qualified operative

Staging Diagram

Stage 1	Stage 2	Stage 3	Stage 4	Stage 5
Phase A	Phase B	Phase C	N/A	N/A

Phase C: 48m

Phase A: 151m — Phase B: 38m

SIGN SCHEDULE

Qty: 2 Ref: 517 Road narrows on one side only ahead - right	
Qty: 2 Ref: 517 Road narrows on one side only ahead - left	
Qty: 3 Ref: 518 Single file traffic	Single file traffic
Qty: 4 Ref: 543 Traffic signals ahead	
Qty: 2 Ref: 573 Direction to hazard left	
Qty: 5 Ref: 573 Direction to hazard right	
Qty: 3 Ref: 610 Keep right	
Qty: 2 Ref: 610 Keep left	
Qty: 2 Ref: 610-610 Keep Left and Right	
Qty: 5 Ref: 645 End panel	End
Qty: 13 Ref: 7001 Road works ahead	
Qty: 3 Ref: 7011.1 3 Way Control - Wait here until green light shows	3-WAY CONTROL WAIT HERE UNTIL GREEN LIGHT SHOWS
Qty: 4 Ref: 7105 Lane closure barrier	
Qty: 6 Ref: 7202.1 Temporary lane availability	

A set of stop & go boards are to be taken to site in case of traffic light failure.

Bus stop(s) are present/in close proximity to the works. Bus stops(s) are to be suspended and the appropriate signage installed in suitable locations to be agreed on site.

1 Northcote Street is closed at A457 Dudley Road

2 Heath Street is subject to a one way closure away from A457 Dudley Road

Key:

	Works Area		Temporary Traffic Signal
	Closure		Stop & Go Board
	Vehicular Diversion Route		Temporary Ped Signal
	Ped Diversion Route		Existing Bus Stop
	Cone		Temporary Sign
	Datum Point		Pedestrian Barrier

Safety information:

Min width of sideways safety zone (S)	0.5m
Min length of longways clearance (L)	0.5m
Dudley Road	30

Site information:

NSG	Dudley Road				
Local Authority	Birmingham				
USRN	2701579				
Road Type	Single lane carriageway		Road Width	Varies	
Works Location	X:404595		Y:287654		
Surveyed	X	Bus Stop(s)	✓	Parked Vehicles	✓
Perm Signals	✓	Controlled Crossing	✓	Cycle Lanes	X

Chapter 8 details:

Detail B (B) — 1.5m

Single/Dual carriageway 40mph or less-450mm traffic cones.
Single/Dual carriageway 50mph or more-750mm traffic cones.
Dual carriageway national speed limit - 750mm traffic cones.
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 1.2m 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 C1 (C1) — 9m

Single/Dual 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 (Appendix 1).
2) For relaxation to Detail C1 see Table A1.3 (Appendix 1).

Detail C2 (C2) — 3m

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.

Rev	Date	Comments	By	Chk
-	-	-	-	-

McPHILLIPS

Working in Partnership with

traffix

total traffic & event management solutions

Old Arden Brickworks | Bickenhill | Solihull |West Midlands | B92 0DY
t +44 (0)800 819 9001 | f +44 (0)1675 442507
info@traffixuk.com | www.traffixuk.com

Project title:
Traffic Management
Phase 2

Drawing title:
Proposed Three Way Lights
Lee Bridge, Dudley Road
Birmingham
B16 0BB

Date:	Scale:	Paper:
12/07/2023	NTS	A2
Drawn: BN	Checked: CM	Approved: SB
Project Number: TFX SB829	Drawing Number: 002	Revision: -

This drawing is copyright & the property of Traffix & must not be copied in whole or in part without their written permission. Copyright is reserved. © This drawing must not be scaled.
The Contractor is to report all discrepancies & errors to the Contract Manager prior to works commencing.