

Desktop survey undertaken from google street view with imagery dated: May 2023

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 12 months 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)	60	40	30 or more
	600mm	750mm	900mm

**Shuttle Lane information:**

Two-way working	Standard: Normal traffic inc buses and HGVs 5.5m minimum	Restricted: Cars and light vehicles only 5.5m minimum
Shuttle working	3.5m absolute min 2.5m desirable	3.25m desirable 2.5m absolute min

**Temporary Pedestrian Crossing**

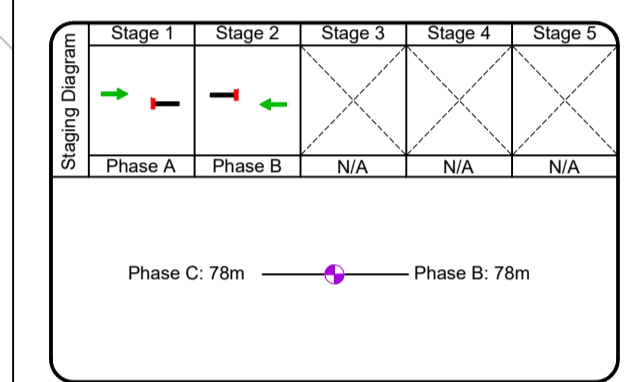
Phase	Green Time	Red Time	Clearance Time
1	6 seconds	5 seconds	3 seconds

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

**Vehicle Actuated (VA) Temporary Traffic Light Phase Timings**

Phase	Red Time	Green Time
A	16 seconds	45 seconds
B	16 seconds	45 seconds

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



**SIGN SCHEDULE**

Qty: 4 Ref: 507 Sign: A1-101 Single file traffic	
Qty: 7 Ref: 502 Sign: A1-102 200 yds	
Qty: 1 Ref: 502 Sign: A1-102 400 yds	
Qty: 1 Ref: 503 Sign: A1-103 Right turn	
Qty: 2 Ref: 503 Sign: A1-103 Left turn	
Qty: 2 Ref: 503 Sign: A1-103 Priority sign	
Qty: 1 Ref: 504 Sign: A1-104 End	
Qty: 13 Ref: 505 Sign: A1-105 When red light shows wait here	
Qty: 2 Ref: 505.1 Sign: A1-105.1 When red light shows wait here	
Qty: 3 Ref: 505.2 Sign: A1-105.2 Pedestrian crossing, when red light shows wait here	
Qty: 4 Ref: 505 Sign: A1-105 Lane closure barrier	

**Key:**

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

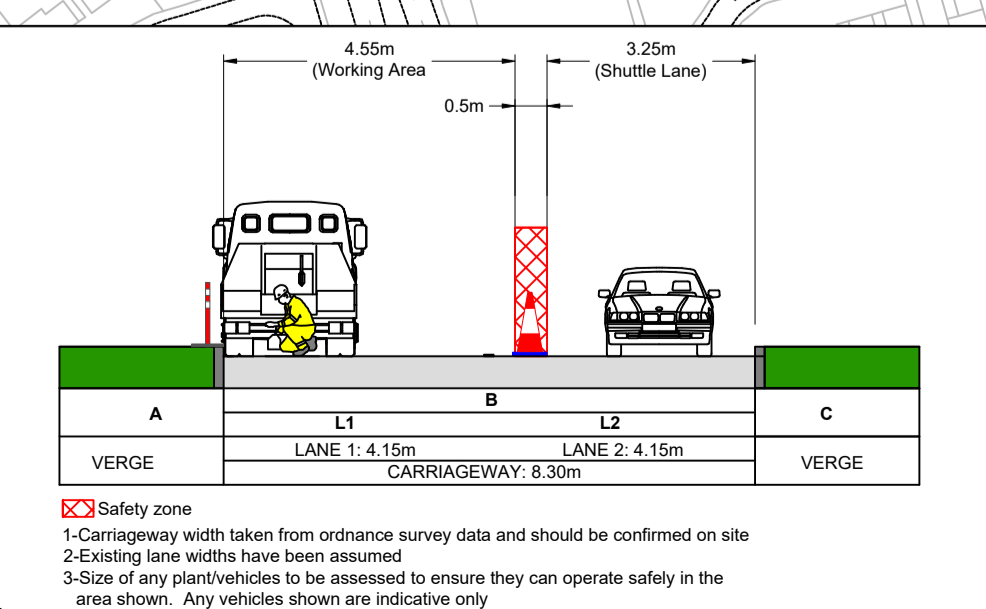
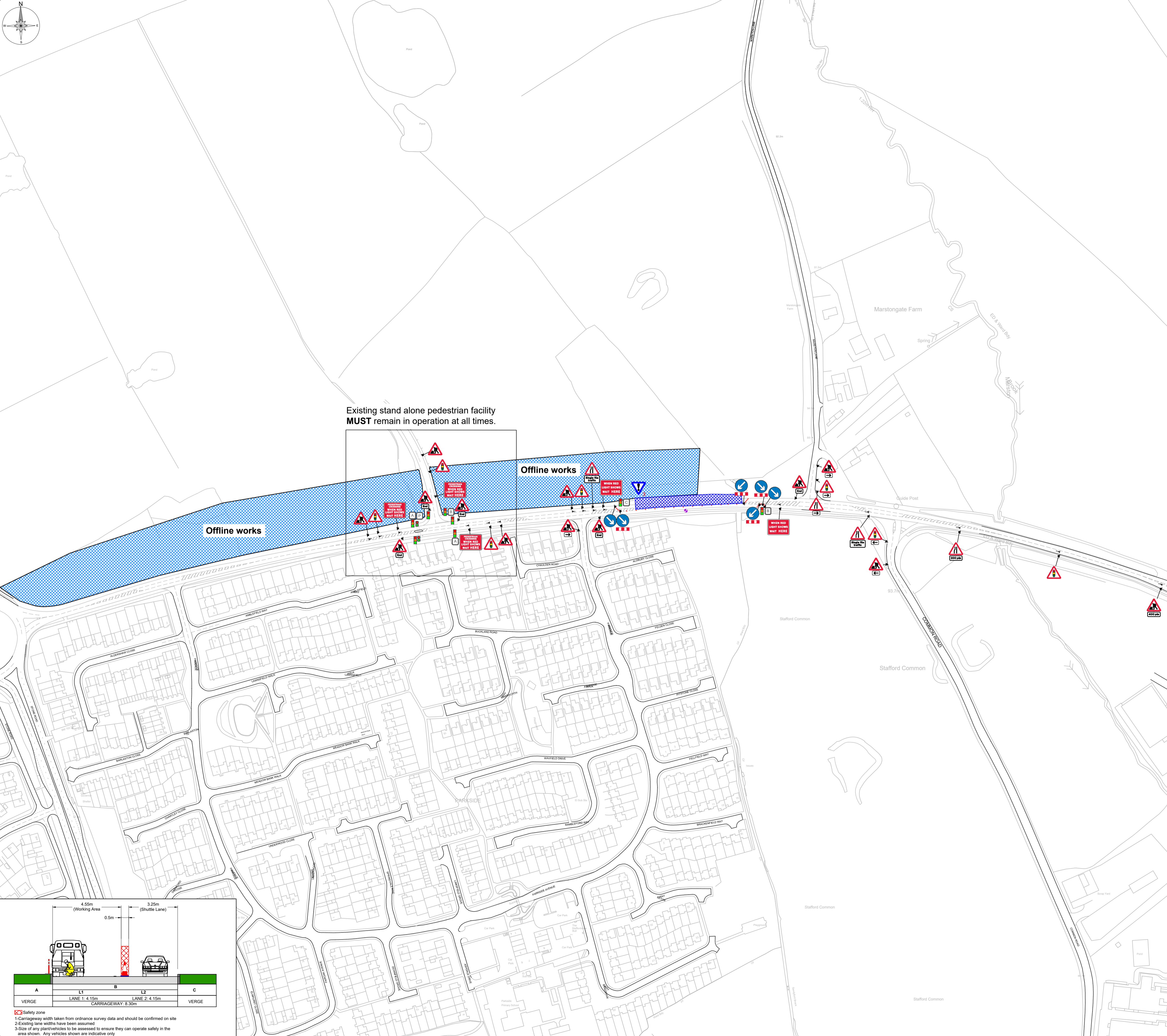
**Safety information:**

Min width of sideways safety zone (S)	0.5m	1.2m
Min length of longways clearance (L)	0.5m	30m
A513 Beacoonside	60	60

**Site information:**

NSG	Beacoonside, Stafford
Local Authority	Staffordshire
USRN	37601238
Road Type	Single lane carriageway Road Width 8.30m
Works Location	X:391960 Y:326232
Surveyed	X Bus Stop(s) X Paved Vehicles ✓
Perm Signals	X Controlled Crossing ✓ Cycle Lanes X

Existing stand alone pedestrian facility **MUST** remain in operation at all times.



Rev	Date	Comments	By	City

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Project title:  
**Beacoonside Dualling Scheme - A513 Works Drainage Works Phase 1**

Drawing title:  
**Proposed Two Way Traffic Lights & Offline A513 Beacoonside Stafford ST16 1TY**

Date:  
09/01/2024

Scale:  
1:1250

Sheet:  
A1

Drawn:  
MO

Checked:  
BN

Approved:  
SA

Project Number:  
TFX SA10030

Drawing Number:  
DW101

Revision:  
-

- 1 A set of stop & go boards are to be taken to site in case of traffic light failure.
- 2 There are potential visibility issues on approach to works. Consideration should be given to the installation of queues likely signage to warning approaching traffic there could be stationary vehicles ahead.
- 3 Stand alone two way lights to be manually controlled during morning and evening peak times.

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