



Existing junction to remain unaltered.

Existing central reserve to remain as existing

Existing crossing removed

End of Bedford Street formalised into a segregated cycle/footway facility

New toucan crossing

Existing bus stop to be shortened but remain in use

Entry taper altered to allow buses to have a straighter entry to offset the impact of a shorter bay

Continuous central reserve on St Philip's Road to discourage U-Turns.

Access to properties to be managed within the bus gate

Left turn onto Infirmary Road banned.

Public open space opportunity to attract users to tram stop.

Section between St Philip's Road and Watery Street could be one way out (heading west only)

Existing bus gate closed up

Area for cycle parking and benches

Toucan crossing Signals to be incorporated into the tram network

Existing stop line for Tram to remain and be extended to include new dedicated left turn lane

New dedicated left turn lane

Parallel widening on A61 mainline for new dedicated left turn lane for Rutland Road. Minimum lane width of 3.0m assumed. Left turn to be on own phase

Existing segregated cycle/pedestrian facility to remain as existing

Parallel widening on Rutland Road mainline to allow 3 lanes on the approach to the junction

New Toucan crossing

Land-take for proposed layout and accommodation works will be required

Existing bus stop relocated further south.

Right turn lane into St Philip's Road removed

Existing entry onto Penistone Road/Dixon Street from A61 removed. Access to this area will be from Cornish Street at the Shalesmoor Junction

New signalised right and left turn out of Dixon Street onto A61.

Access only for motorised users and cycle priority (Same concept to Castlegate, Sheffield). 50mm level difference between footway and cycle/carriageway

Existing junction altered to:

- Remove right turn from A61 SB;
- Remove left turn out of St Philip's Road
- St Philip's Road will be buses + taxis only with right turns onto A61 SB permitted;
- Crossing points across A61 NB and SB links removed.
- Toucan crossing point on A61 NB left turn lane into St Philip's Road retained.
- Toucan crossing point installed on right turn out of St Philip's Road.
- New exit from Dixon Street to allow left and right turns onto A61.

Existing parking to be retained

Cyclists only access to shared facility

Existing crossing point closed and relocated further towards Shalesmoor Junction.

Cyclists only left slip to link to Green Lane Motor Vehicles ahead only

New footway and steps to provide better access to the crossing point from Kelham Area

Existing parking to be realigned behind retaining wall

Retaining feature required to provide footway on Penistone Road

Access into Cornish Lane retained for A61 SB traffic only

Bus Gate

Existing Shalesmoor/Ebenezer Street Bus Stop relocated to here.

Tie into existing layout

Existing bus stop relocated to Shalesmoor Junction. Potential loading bay/taxi rank opportunity

Tie into existing layout

Doncaster Street junction formalised with new tactile crossing

Existing overhead tram line will require adjusting/replacing to accommodate new alignment

Existing cycle slip on to be retained

- Key**
- Pedestrian Only Footway (Inner Ring Road & Distributor Road Palette)
 - Pedestrian Only Footway (Standard SCC Adoptable Palette)
 - Pedestrian Only Footway (Conservation Area Palette)
 - Pedestrian Only Footway (Yorkstone Paving - Match Existing)
 - Shared Use Facility (Pedestrian & Cyclist) (Inner Ring Road & Distributor Road Palette)
 - Shared Use Facility (Pedestrian & Cyclist) (Standard SCC Adoptable Palette)
 - Shared Use Facility (Pedestrian & Cyclist) (Yorkstone Paving - Match Existing)
 - Shared Use Facility (Pedestrian & Cyclist) (Primary Palette - Match Existing)
 - Cycle Only Facility (Standard SCC Adoptable Palette)
 - Cycle Only Facility with Motorised User Access for Adjacent Properties (Standard SCC Adoptable Palette)
 - Anti-pedestrian areas (Inner Ring Road & Distributor Road Palette)
 - Anti-pedestrian areas (Standard SCC Adoptable Palette)
 - Anti-pedestrian areas (Yorkstone Paving - Match Existing)
 - Anti-pedestrian areas (Conservation Area Palette)
 - Vehicle Overrun Area (Standard SCC Adoptable Palette)
 - Parking Layby (Standard SCC Adoptable Palette)
 - SUDS/Flood Management Landscaped Areas (SCC Grey to Green Specification)
 - Landscaped Areas (Standard SCC Highway Planting)
 - Public Open Space Opportunity
 - Bus Lanes/Gates
 - Proposed Pedestrian Guardrail
 - Existing retaining wall (Globe Works)

NOTES

- Do not scale
- This drawing is an outline design suitable for the purpose of an Outline Business Case to the Department of Transport (DfT);
- This drawing includes the proposed usages (Motorised Users, Bus, Cycles & Pedestrians) including the extents of the indicated material palette in accordance with the Sheffield City Centre Urban Design Compendium and Sheffield City Council Adoptable Standards.
- This drawing should be read in conjunction with the Options Summary Report (CO00206903-AMEY-GEN-S1-RP-ZZ-000001);
- Layout shown is based on Ordnance Survey Mapping information and therefore shown indicatively;
- Layout shown has been modelled by Fore Consulting as part of the optioneering process;
- Layout is in 2D only at this stage;
- Traffic Road Markings shown are indicative and for the purpose of providing context to the proposal;
- Street lighting, traffic signals and other associated highway features are not shown on this drawing at this stage.

| Rev | Revision details | Drwn | Chkd | Appd | Date |
|-----------|------------------|------|------|------|----------------|
| Designed: | A.Chaplin | | | | Date: 14.02.22 |
| Drawn: | A.Chaplin | | | | Date: 14.02.22 |
| Checked: | A.Porter | | | | Date: 14.02.22 |
| Approved: | P.Johnson | | | | Date: 14.02.22 |

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Client

Project Name
**Shalesmoor Gateway
Outline Business Case**

Drawing Title
**Option 7b
Medium Cost Option for OBC**

| | |
|----------------------------|----------------|
| Original Drawing Size : A1 | Scale : 1:1000 |
| Dimensions : Metres | |

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|------------------------|-------------|
| Drawing Status | Suitability |
| FOR INFORMATION | S3 |

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|--|------------|
| Drawing No | Rev |
| CO00206903-AMEY-GEN-S1-DR-ZZ-000010 | P01 |