



Potential to provide green bridge by widening deck and incorporating vegetation. Consideration would need to be taken regarding drainage and the increased load on the bridge.

- General Notes:**
- All dimensions are indicative and are to be used for information only.
 - All road alignments and junction arrangements are indicative only and subject to detailed design.
 - All bridge deck, subway and crossing widths are based on a 2m wide pedestrian route, 3m wide two way cycle track and 0.5m wide buffer zones for drainage and barriers (6m total).
 - The cycle track is segregated from the pedestrian footpath using markings.
 - Cycle track radii are based on a minimum of 5m wide unless noted otherwise, which relates to a local access type cycle route, as per the DMRB TA 90/05 Geometric Design of Cycle Routes.
 - The design speed for the cycle track is 12 kph as per the DMRB TA 90/05 Geometric Design of Cycle Routes.
 - All cycle tracks / footways are assumed to have a 1:40 minimum crossfall.
 - The existing road layout is based on current OS Mapping Data.
 - All drawings are preliminary and have not been subject to a Road Safety Audit.

- Bridge Notes:**
- All bridge decks are based on a maximum gradient of 1:20 as per DMRB TD 36/93 and in line with Building Regulations Approved Document H.
 - The clearance to the underside of the bridge deck from the road is 6.45m as per DMRB TD 27/05 for permanent structures over highly loaded roads.

- Key:**
- Carriageway
 - Cycle track
 - Footway
 - Shared footway
 - Landscaping
 - Tactiles (signalised crossing)
 - Vehicle crossover
 - Third party land take
 - Earth retaining structure
 - Earth embankment
 - Highway boundary
 - Gradient transition
 - Proposed bridge support

B	23/12/19	EP	CW	AG
For information				
A	20/09/19	EP	CW	AG
Preliminary				
Rev	Date	By	Chkd	Appd

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Client
CBMDC

Project Title
Steeton - Silsden JN

Drawing Title
**General Arrangement
 Option 3
 Single Branch Bridge**

Scale at A1
 1:500

Role
 Civil - Highways

Suitability
 - Preliminary

Arup Job No
266137-00

Name
STSJ-ARP-00-XX-DR-CX-1003

Rev
B

