DO NOT SCALE

Millimetres 0 10 100

DESIGN SPEED: 100KPH
RADIUS: 510m; LENGTH: 541.23m
TRANSITIONS: 100m ;
SUPERELEVATION: 5%
(RELAXATION; ONE STEP BELOW DESIRABLE MINIMUM)

FOR CONTINUATION REFER TO SHEET 5

INDICATIVE REPRESENTATION OF THE PROPOSED AT GRADE SIGNALISED JUNCTION WITH COTTENHAM ROAD. JUNCTION DESIGN TO BE COMPLETED AT THE NEXT PROJECT STAGE

POTENTIAL LOCATION FOR FLOOD COMPENSATION AREA TO BE CONFIRMED IN NEXT DESIGN STAGE

DESIGN SPEED: 100KPH
RADIUS: 720m; LENGTH: 339.11m
TRANSITIONS: 100m ;
SUPERELEVATION: 5%

REFER TO INDICATIVE TYPICAL BUSWAY CROSS-SECTION 005 IN DRAWING NOTE 1.

PROPOSED FOOTPATH TO CONNECT BUSWAY AND MERE WAY

REFER TO INDICATIVE TYPICAL BUSWAY CROSS-SECTION 001 DRAWING SEE NOTE 1.

FOR CONTINUATION REFER TO SHEET 3

C1/M1 C2/M2/U2 C6/M6 C10/M10 C3

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Scale 1:2500
50m 0m 50m 100m 150m

NOTES:

1. THIS SHOULD BE READ IN CONJUNCTION WITH THE TYPICAL CROSS-SECTIONS W2NC-ATK-HGN-XX-DR-CH-000001 TO 000003 AND DESIGN REPORT W2NC-ATK-HGN-XX-RP-CH-000001.
2. PROPOSED EARTHWORK SLOPES TO BE 1(H) : 3(V) . THIS IS INDICATIVE ONLY AND TO BE CONFIRMED IN NEXT STAGES AFTER GROUND INVESTIGATIONS
3. PLANTING AND LANDSCAPING DETAILS ARE FOR ILLUSTRATIVE PURPOSES ONLY.
4. WATERBODY CROSSINGS TO BE DESIGNED IN NEXT STAGES.
5. SOME MINOR MODIFICATION TO SIDE ROADS MAY BE NECESSARY. THESE WILL BE CONSIDERED IN DETAIL IN THE NEXT DESIGN STAGE.
6. DEPARTURES IDENTIFIED ARE INDICATIVE AT THIS STAGE AND TO BE CONFIRMED AT THE NEXT ONE.
7. DRAINAGE AND SUDS FEATURES TO BE DESIGNED IN THE NEXT STAGE. THESE ARE TO BE INCLUDED WITH THE HIGHWAY BOUNDARY.
8. PROPOSED PARK & RIDE LAYOUT ARE INDICATIVE AND SUBJECT TO OPTIONEERING.
9. FLOOD MODELLING TO BE UNDERTAKEN IN NEXT DESIGN STAGE. FLOOD COMPENSATION AREAS AND CULVERTS WILL BE REQUIRED WHICH MIGHT EXTEND THE AREA OF LAND REQUIRED.
10. MERE WAY WORKS INCLUDING BRIDGE OVER THE A10 ARE BEING DEVELOPED BY OTHERS.
11. THE PROPOSED ROUNDABOUT PROVIDING ACCESS TO WATERBEACH NEW TOWN WILL TIE-IN WITH A PROPOSED A10 DUAL CARRIAGEWAY. JUNCTIONS AND DUALLING BEING DEVELOPED BY OTHERS. TIE-IN LOCATION IS INDICATIVE AND TO BE CONFIRMED.

KEY:

- PROPOSED BUSWAY / CARRIAGEWAY
- PROPOSED VERGE/SWALE
- PROPOSED EARTHWORKS
- PROPOSED FOOTWAY/CYCLEWAY
- EXISTING PONDS / LAKES
- EXISTING RELEVANT FIELD / HIGHWAY DITCHES
- UNDERGROUND UTILITIES
- OVERHEAD CABLE
- EXISTING WATERCOURSES
- PROPOSED HIGHWAY BOUNDARY FENCE
- FLOOD ZONE 3

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction
C1 - WATERCOURSE OR FIELD DITCHES / C2 - FIELD PATHS / C6 - EXISTING NETWORK / C3 - OVERHEAD CABLES / C6 - EXISTING NETWORK / C10 - FLOODING AREA

Maintenance / Cleaning
M1 - WATERCOURSES OR FIELD DITCHES / M2 - FIELD PATHS / M6 - EXISTING NETWORK / M10 - FLOODING AREA

Use
U2 - FIELD PATHS

Decommissioning / Demolition
NONE

Description						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Description						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Description						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Description: AMENDMENTS AFTER GCP AND AUTHORISER COMMENTS						
A1	C02	TFL	DS	PRM	AB	28/11/22
Description: FIRST ISSUE						
A1	C01	AJM	DS	PRM	AB	20/10/22

Drawing Suitability: APPROVED - PUBLISHED
Status: A1

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Client: GREATER CAMBRIDGE PARTNERSHIP
Growing and sharing prosperity
Delivering our City Deal

Project Title: WATERBEACH TO CAMBRIDGE BUSWAY

Drawing Title: WESTERN CORRIDOR

Drawing Number
Project: W2NC - Originator: ATK - Volume: HML -
Location: WES - Type: DR - Role: CH - Number: 000004

Original Size:	Scale:	Project Ref. No:	Sheet:	Rev:
A1	1:2500	5209223	4 of 5	C02