

 Coloured Road Surfacing

Introduce coloured surfacing across the junction and up to the existing dropped kerb

Existing refuge island to be removed

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Client

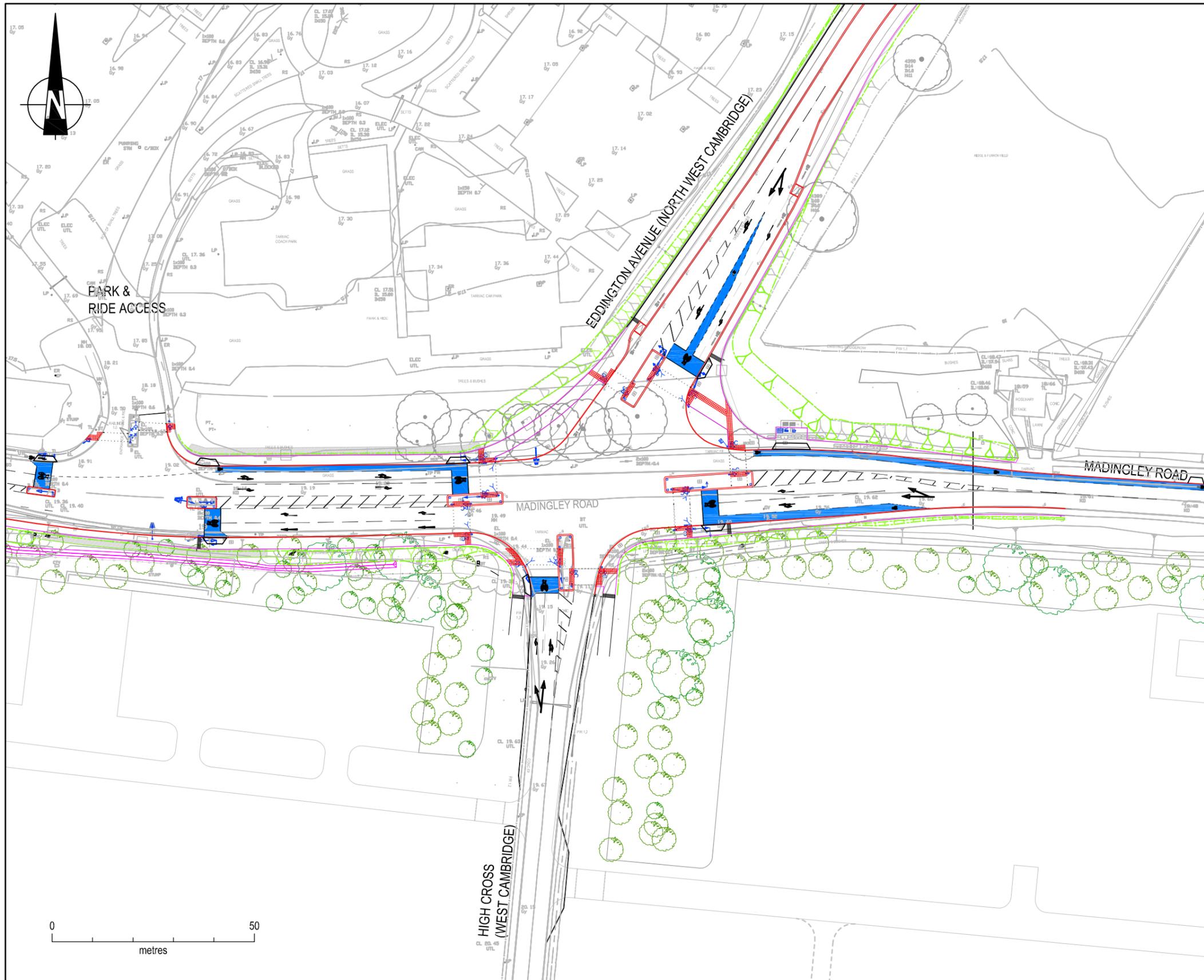


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WEST CAMBRIDGE
MADINGLEY ROAD - STOREY'S WAY
POTENTIAL ENHANCEMENT

Mark	Revision	Date	Drawn	Chkd	Appd
Drawing Status					
TRANSPORT ASSESSMENT					
Date of 1st Issue	JUNE 2016	Drawing Number	Revision		
A3 Scale	1:500	FIGURE 6.8		-	
Design	JH	Drawn	BC		
Chkd	GD	Appd	GD		



ON ROAD CYCLE FACILITY

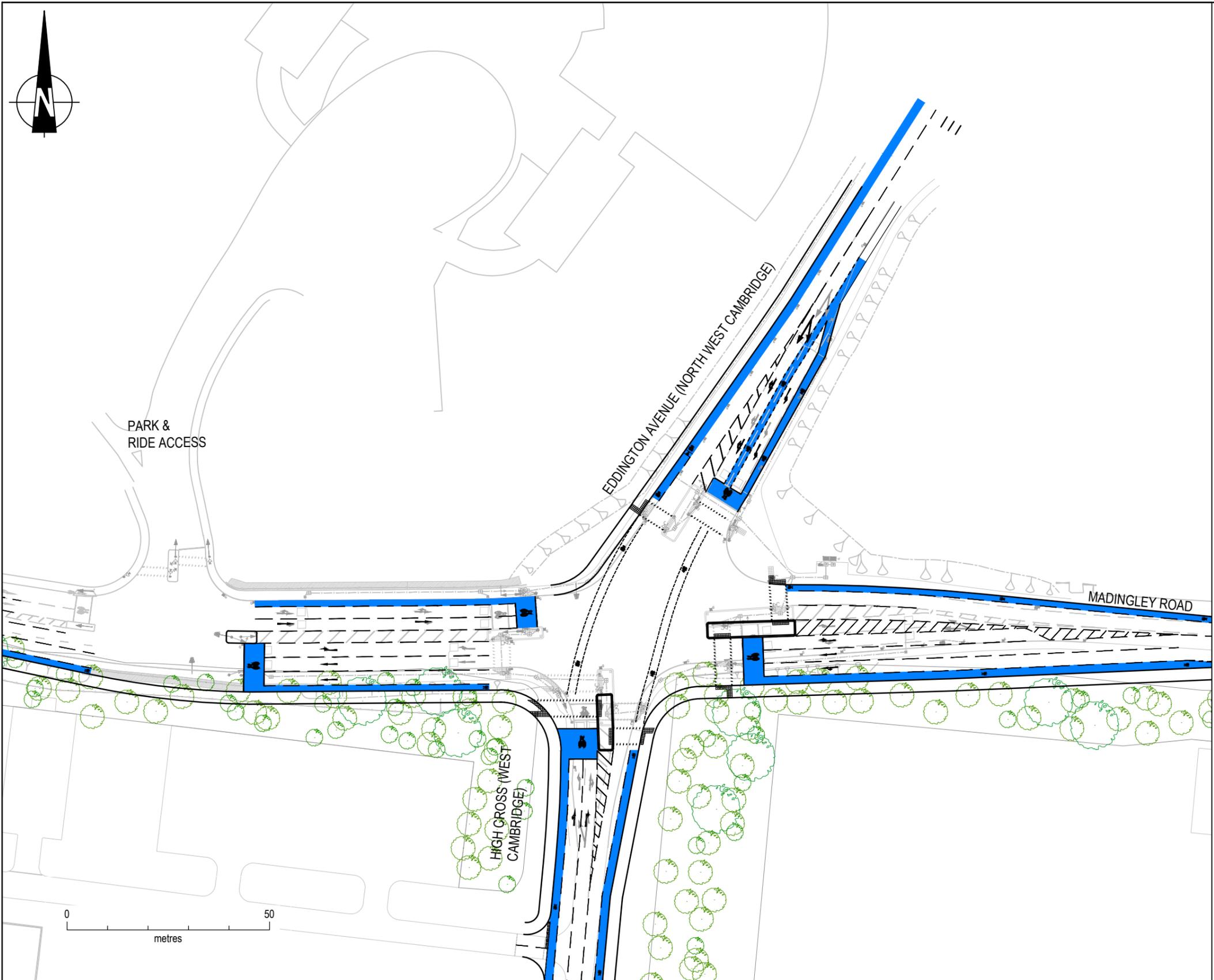
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WEST CAMBRIDGE DEVELOPMENT
 MADINGLEY ROAD - HIGH CROSS
 EXISTING JUNCTION

Mark	Revision	Date	Drawn	Chkd	Appd
Drawing Status					
TRANSPORT ASSESSMENT					
Date of 1st Issue	JUNE 2016	Drawing Number	Revision		
A3 Scale	1:1000	FIGURE 6.9		-	
Design	AI	Drawn	AI		
Chkd	GD	Appd	GD		



ON ROAD CYCLE FACILITY

Mark	Revision	Date	Drawn	Chkd	Appd
Drawing Status					
TRANSPORT ASSESSMENT					
Date of 1st Issue		JUNE 2016		Drawing Number	
A Scale		1:1000		Revision	
Design	PLM	Drawn	PLM	FIGURE 6.10	
Chkd	GD	Appd	GD		



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WEST CAMBRIDGE DEVELOPMENT
MADINGLEY ROAD - HIGH CROSS
POTENTIAL LAYOUT - ENHANCED ASL & FEEDER CYCLE LANES



PARK &
RIDE ACCESS

EDDINGTON AVENUE (NORTH WEST CAMBRIDGE)

MADINGLEY ROAD

HIGH CROSS (WEST CAMBRIDGE)

0 50
metres

ON ROAD CYCLE FACILITY



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WEST CAMBRIDGE DEVELOPMENT
MADINGLEY ROAD - HIGH CROSS
POTENTIAL LAYOUT - SEGREGATED CYCLE PROVISION

Mark	Revision	Date	Drawn	Chkd	Appd

Drawing Status
TRANSPORT ASSESSMENT

Date of 1st Issue	JUNE 2016	Drawing Number	FIGURE 6.11	Revision	-
A1 Scale	1:1000	Design	AI	Drawn	AI
Chkd	GD	Appd	GD		

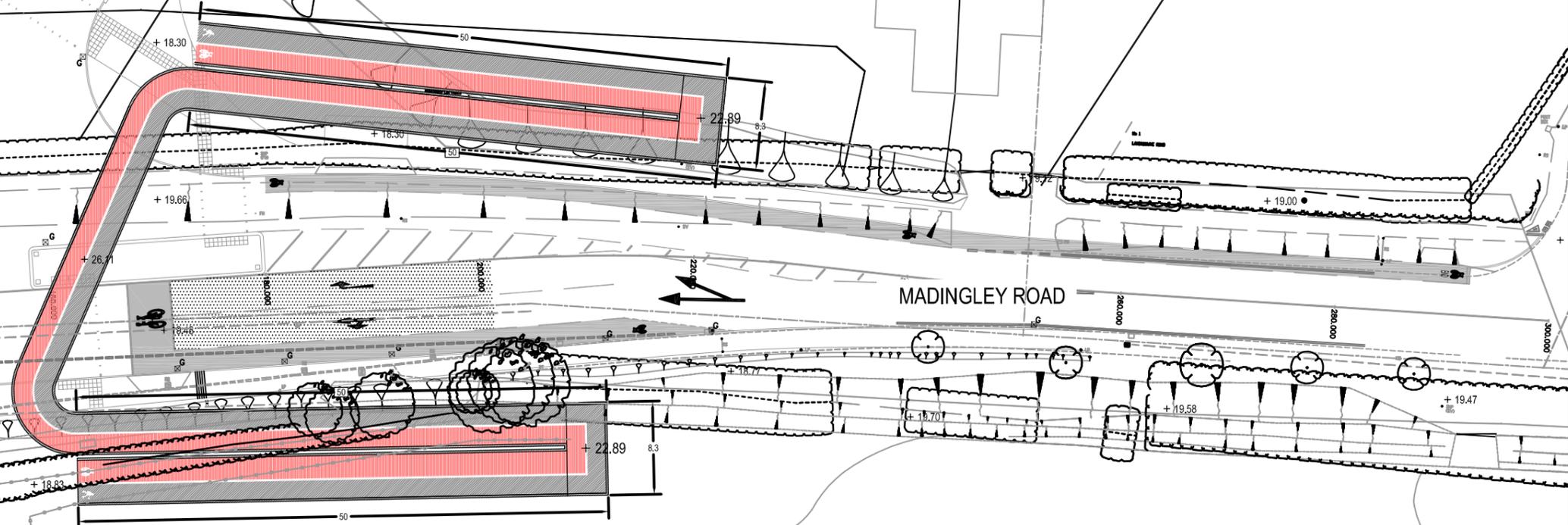
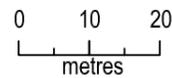


DISTANCE BETWEEN G.L AND BOTTOM OF DECK TO BE NO LESS THAN 6.45m

EDDINGTON AVENUE

MADINGLEY ROAD

HIGH CROSS



NOTES

1. THIS PLAN IS BASED UPON PBA DRAWING NO. 23035/001/002B
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. ALL LEVELS ARE IN METRES RELATIVE TO ORDNANCE DATUM NEWLYN UNLESS NOTED OTHERWISE.



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WEST CAMBRIDGE DEVELOPMENT
MADINGLEY ROAD JUNCTION HIGH CROSS WITH
BRIDGE OPTION

Mark	Revision	Date	Drawn	Chkd	Appd
Drawing Status					
TRANSPORT ASSESSMENT					
Date of 1st Issue	JUNE 2016	Drawing Number	Revision		
A3 Scale	1:500	FIGURE 6.12		-	
Design	- Drawn	REM			
Chkd	- Appd	-			



ON ROAD CYCLE FACILITY

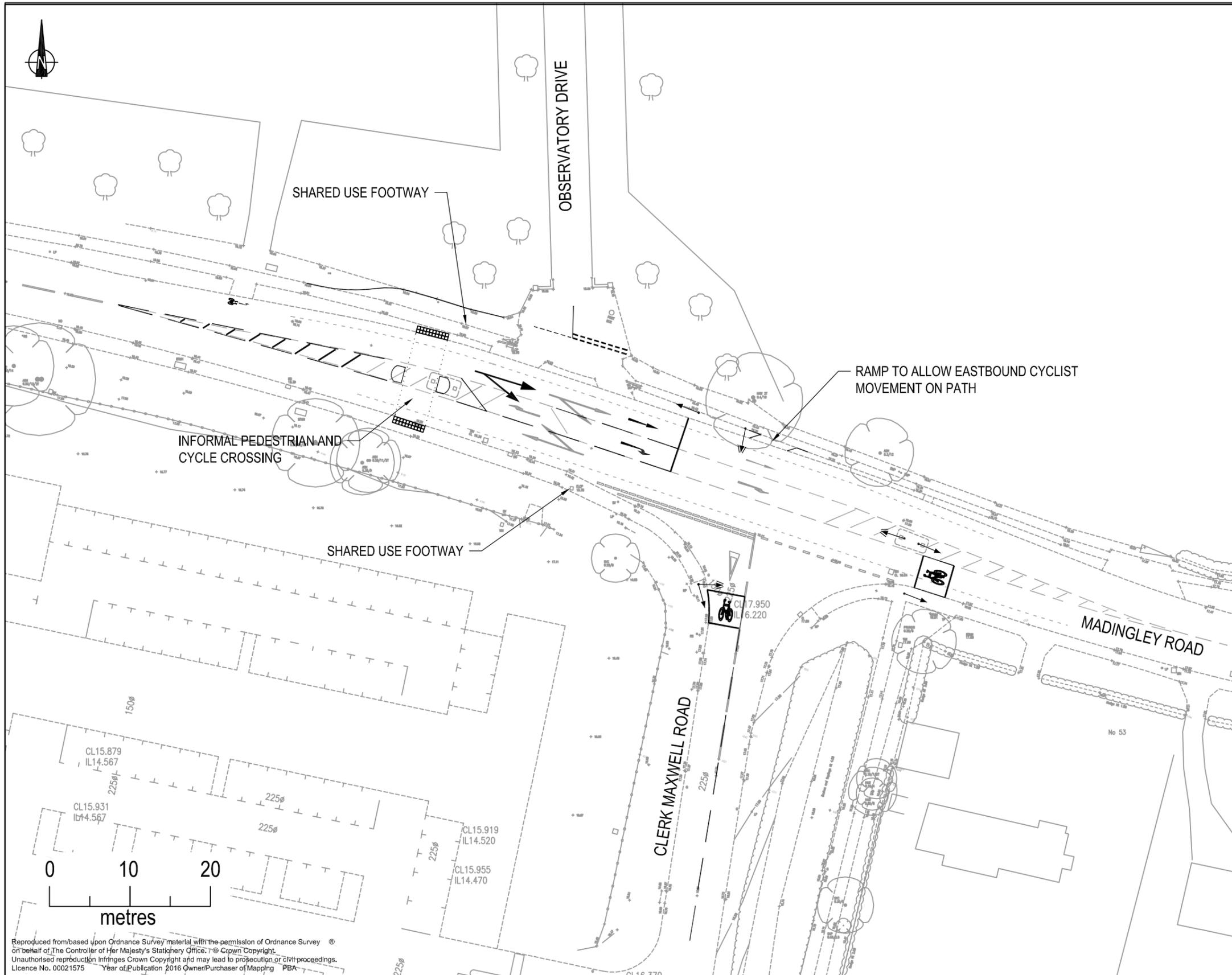


WEST CAMBRIDGE DEVELOPMENT
 MADINGLEY ROAD JUNCTION WITH HIGH CROSS
 TUNNEL OPTION



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Mark	Revision	Date	Drawn	Chkd	Appd
Drawing Status					
TRANSPORT ASSESSMENT					
Date of 1st Issue	JUNE 2016	Drawing Number	Revision		
A3 Scale	1:1000	FIGURE 6.13		-	
Design	AI	Drawn	AI		
Chkd	GD	Appd	GD		



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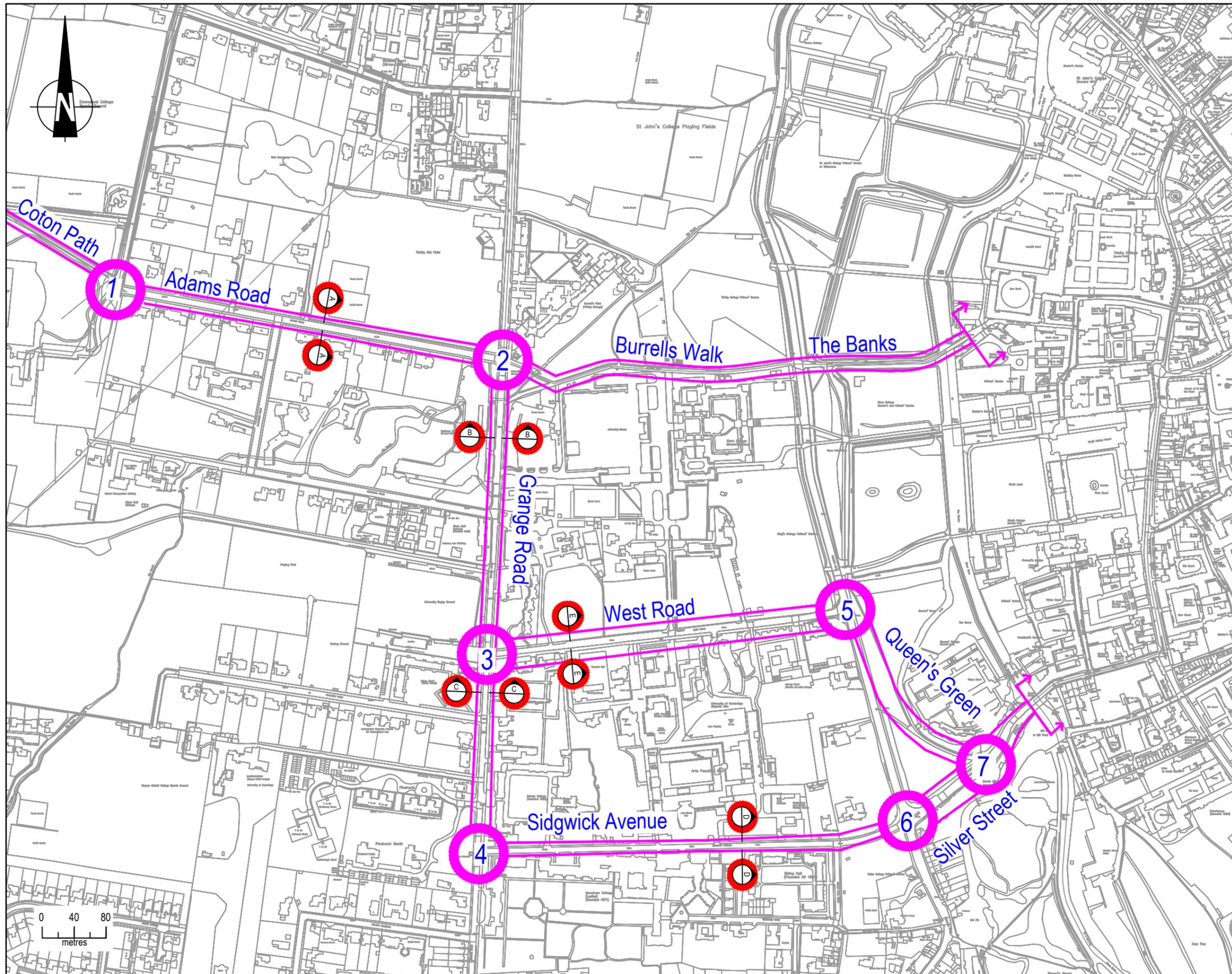
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WEST CAMBRIDGE
 MADINGLEY ROAD - OBSERVATORY DRIVE - CLERK MAXWELL ROAD
 POTENTIAL LAYOUT

Mark	Revision	Date	Drawn	Chkd	Appd
Drawing Status					
TRANSPORT ASSESSMENT					
Date of 1st Issue	JUNE 2016	Drawing Number			
A3 Scale	1:500	FIGURE 6.14		-	
Design	REM	Drawn	AI		
Chkd	-	Appd	GD		



Key

1. Cotton Path J/W Adams Road
2. Adams Road J/W Grange Road
3. Grange Road J/W West Road
4. Grange Road J/W Sidgwick Avenue
5. West Road J/W Queens Road
6. Sidgwick Avenue J/W Queens Road
7. Queens Green J/W Silver Street

-  Cycle Street/Path
-  Junction Enhancement
-   Cross Sections (See figure 6.15a for cross-sections)



Typical Cycle Street - with parking



Typical Cycle Street - with a median strip

**WEST CAMBRIDGE DEVELOPMENT
PROPOSED ENHANCEMENT TO THE
COTON PATH TO SILVER STREET ROUTE - PLAN**



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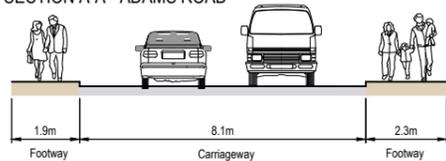
Mark	Revision	Date	Drawn	Chkd	Appd

Drawing Status		TRANSPORT ASSESSMENT			
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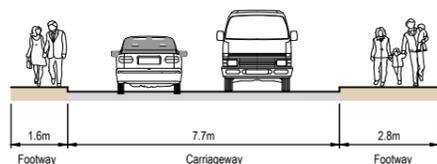
Date of 1st Issue	JUNE 2016	Drawing Number		Revision	
A Scale	1:200	FIGURE 6.1			
Design	PLM	Drawn	PLM		
Chkd	GD	Appd	GD		

EXISTING STREET CROSS-SECTIONS

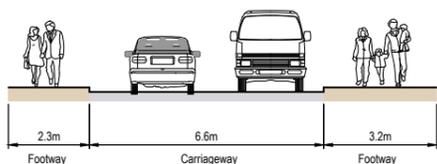
SECTION A-A - ADAMS ROAD



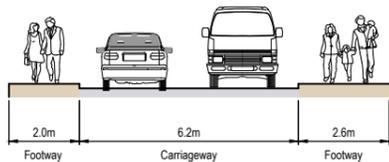
SECTION B-B - GRANGE ROAD



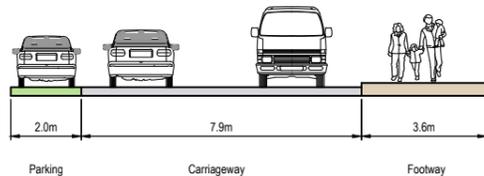
SECTION C-C - GRANGE ROAD



SECTION D-D - SIDGWICK AVENUE

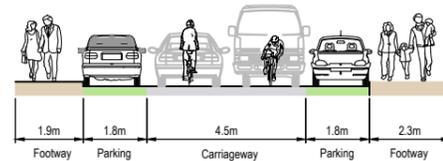


SECTION E-E - WEST ROAD

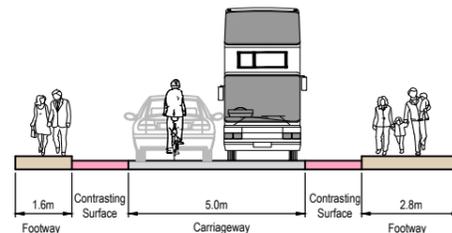


PROPOSED STREET CROSS-SECTIONS

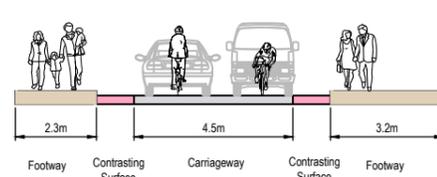
SECTION A-A - ADAMS ROAD



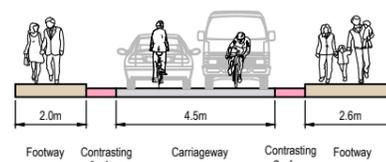
SECTION B-B - GRANGE ROAD



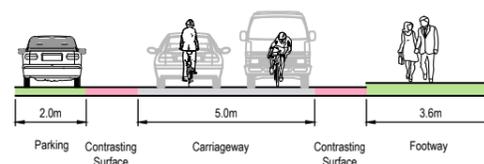
SECTION C-C - GRANGE ROAD



SECTION D-D - SIDGWICK AVENUE



SECTION E-E - WEST ROAD



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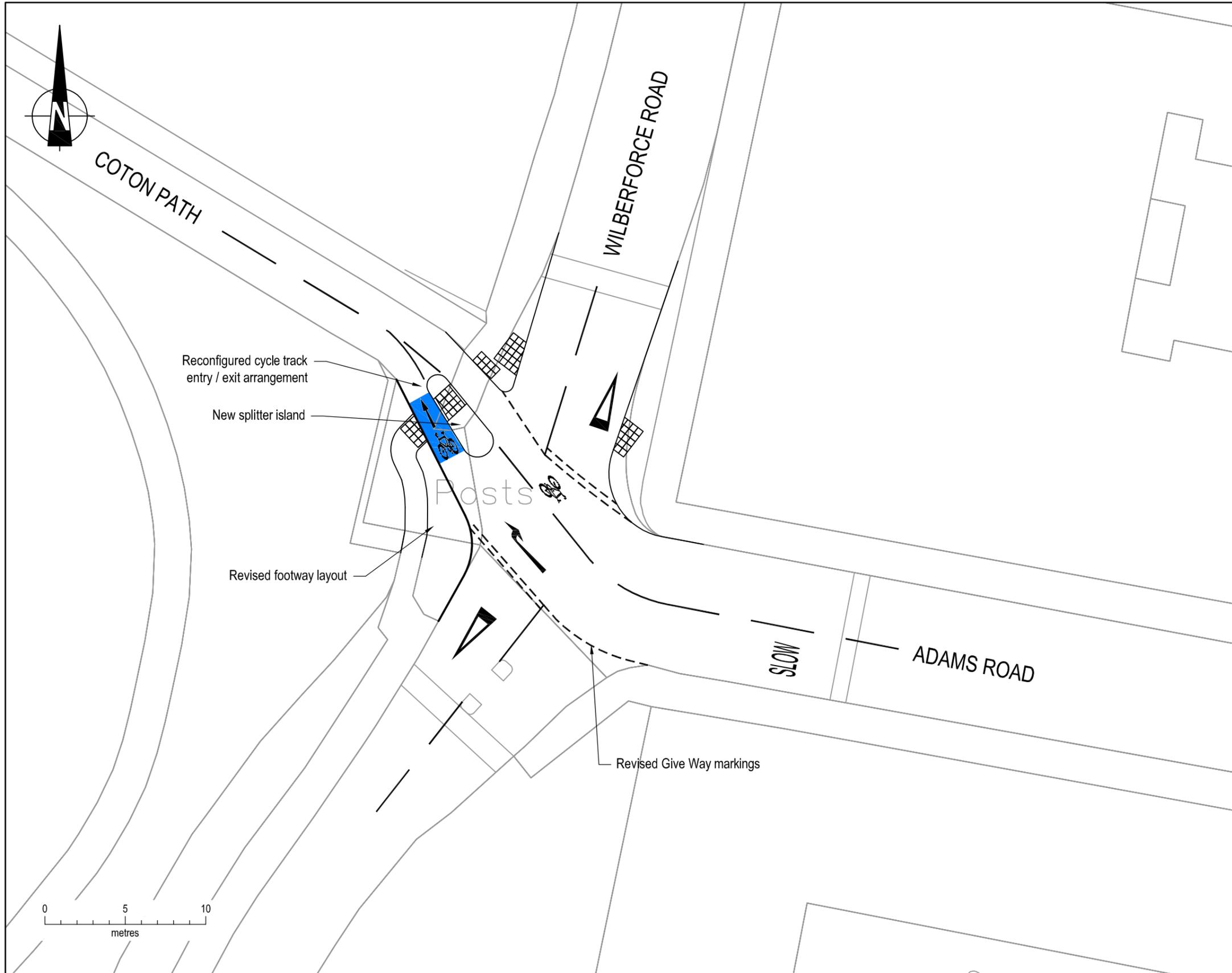


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WEST CAMBRIDGE DEVELOPMENT
PROPOSED ENHANCEMENT TO THE
COTON PATH TO SILVER STREET ROUTE - CROSS SECTIONS

Mark	Revision	Date	Drawn	Chkd	Appd
Drawing Status					
TRANSPORT ASSESSMENT					
Date of 1st Issue	JUNE 2016	Drawing Number	Revision		
A Scale	1:200	FIGURE 6.1a		-	
Design	PLM	Drawn	PLM		
Chkd	GD	Appd	GD		



Note:
Exit from Wilberforce Road partially meets Manual for Streets
visibility splay for a 20mph road (2.4m x 25m)



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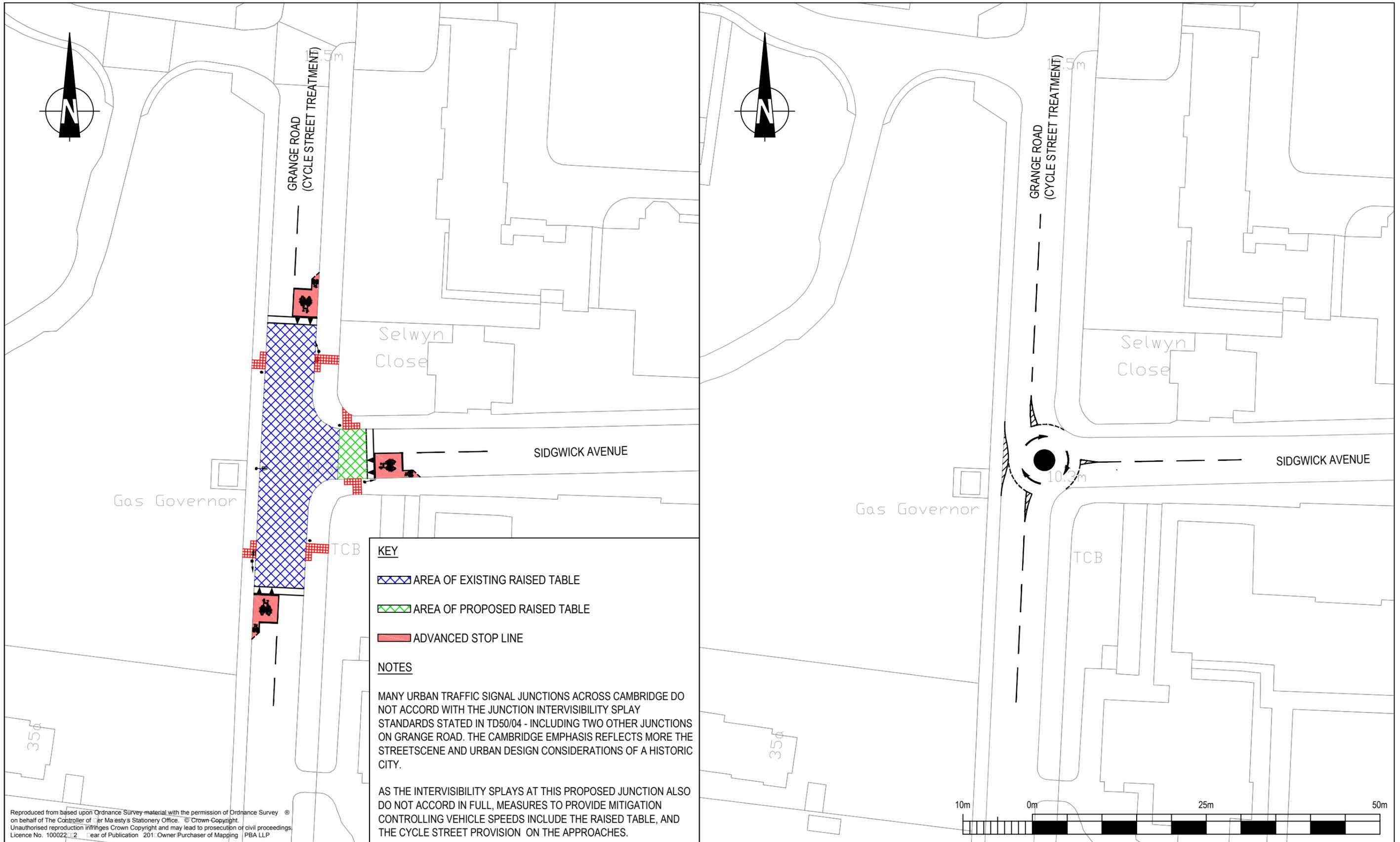
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WEST CAMBRIDGE DEVELOPMENT
COTON PATH JUNCTION WITH ADAMS ROAD
POTENTIAL LAYOUT

Mark	Revision	Date	Drawn	Chkd	Appd
Drawing Status					
TRANSPORT ASSESSMENT					
Date of 1st Issue	JUNE 2016	Drawing Number	Revision		
A3 Scale	1:250	FIGURE 6.16		-	
Design	REM	Drawn	REM		
Chkd	GD	Appd	GD		



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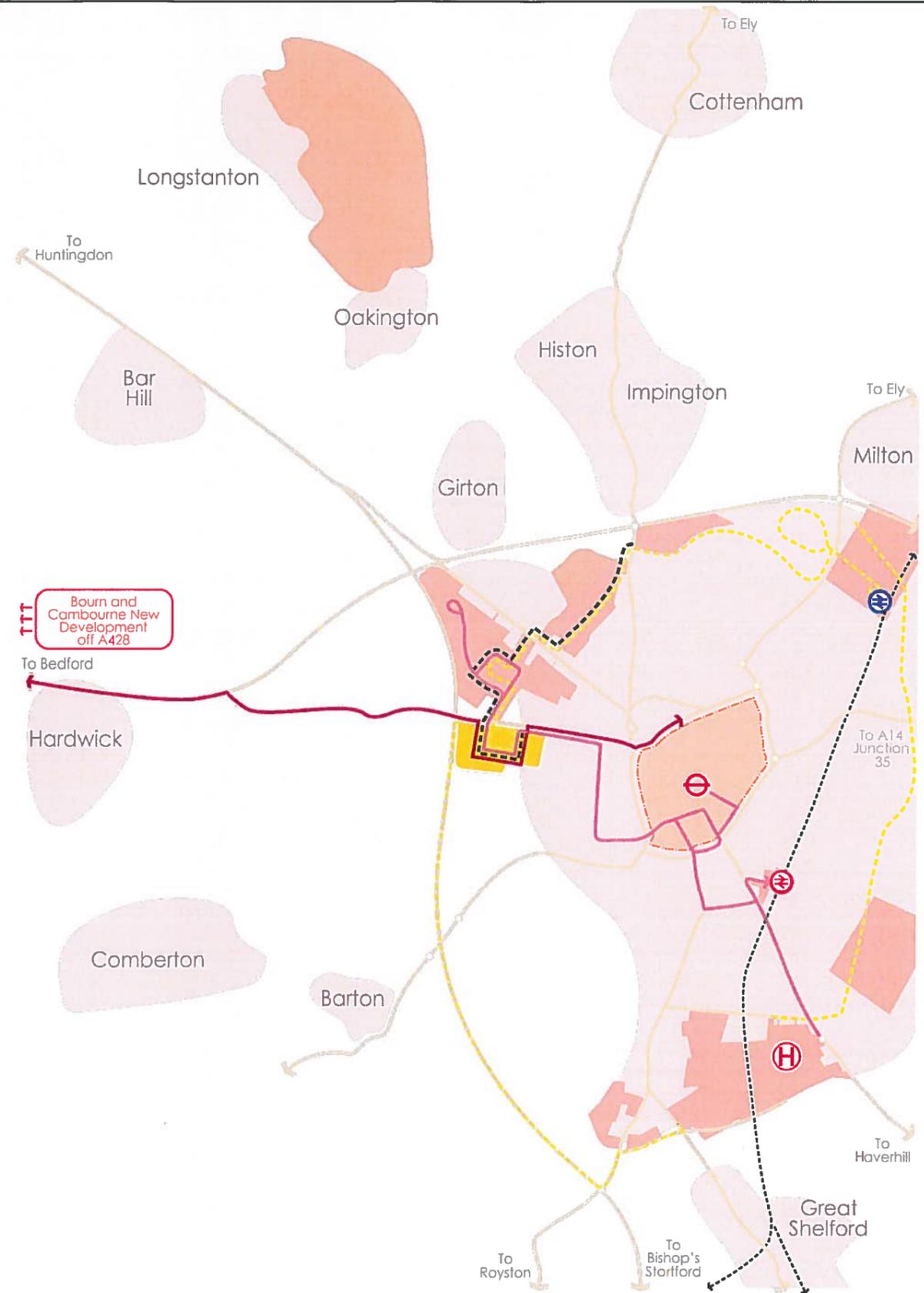
GRANGE ROAD SIDGWICK AVENUE - TRAFFIC SIGNAL AND MINI ROUNDABOUT OPTIONS

Mark	Revision	Date	Drawn	Chkd	Appd
Drawing Status					
TRANSPORT ASSESSMENT					
Date of 1st Issue	JUNE 2016	Drawing Number	Revision		
Scale	1:100	FIGURE 6.1		-	
Design	TPA	Drawn	TPA	31500/5523/001	
Chkd	JP	Appd	JP		

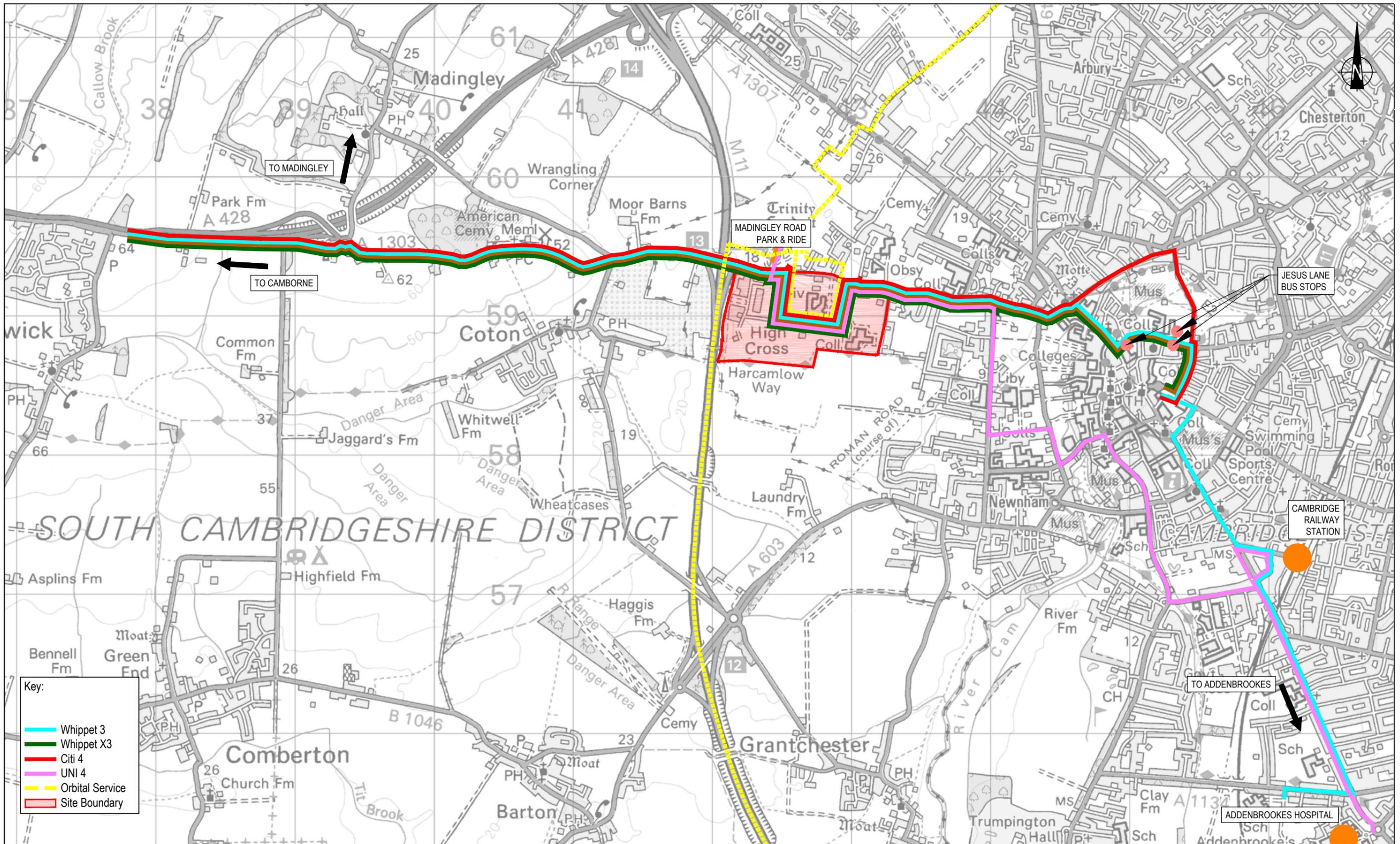
West Cambridge Public Transport Strategy Long Term

Key:

-  Key Highway Network
-  Railway
-  Railway Station
-  Addenbrooke's Hospital
-  Built Up Area
-  Town Centre
-  New and Future Developments
-  Future Aspirational Developments
-  West Cambridge Development
-  Cambridge Guided Bus Service B1
-  Future Uni 4 Service
-  Enhanced Citi 4 Service
-  Orbital Bus Routes



Mark	Revision	Date	Drawn	Chkd	Appd	
Drawing Status						
TRANSPORT ASSESSMENT						
Date of 1st Issue		JUNE 2016	Drawing Number		Revision	
A3 Scale		NTS	FIGURE 7.1		-	
Design	-	Drawn				DS
Chkd	PC	Appd				-



- Key:
- Whippet 3
 - Whippet X3
 - Citi 4
 - UNI 4
 - Orbital Service
 - Site Boundary

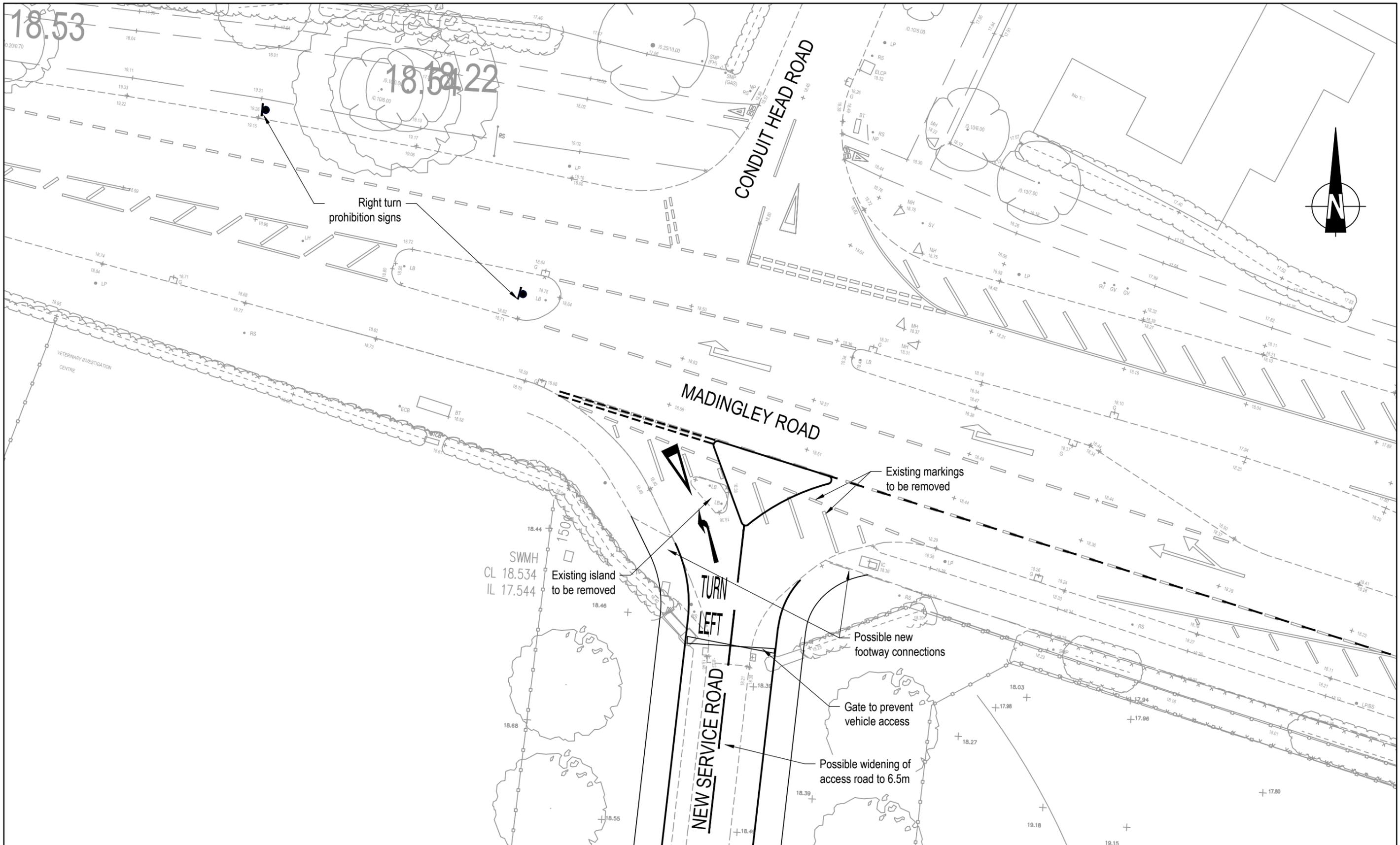


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WEST CAMBRIDGE
PROPOSED BUS SERVICES

Mark	Revision	Date	Drawn	Chkd	Appd
Drawing Status: TRANSPORT ASSESSMENT					
Date of 1st Issue: JUNE 2016		Drawing Number:		Revision:	
A: Scale: NTS		FIGURE 2		-	
Design	Drawn	PR			
Chkd	AM	Appd			



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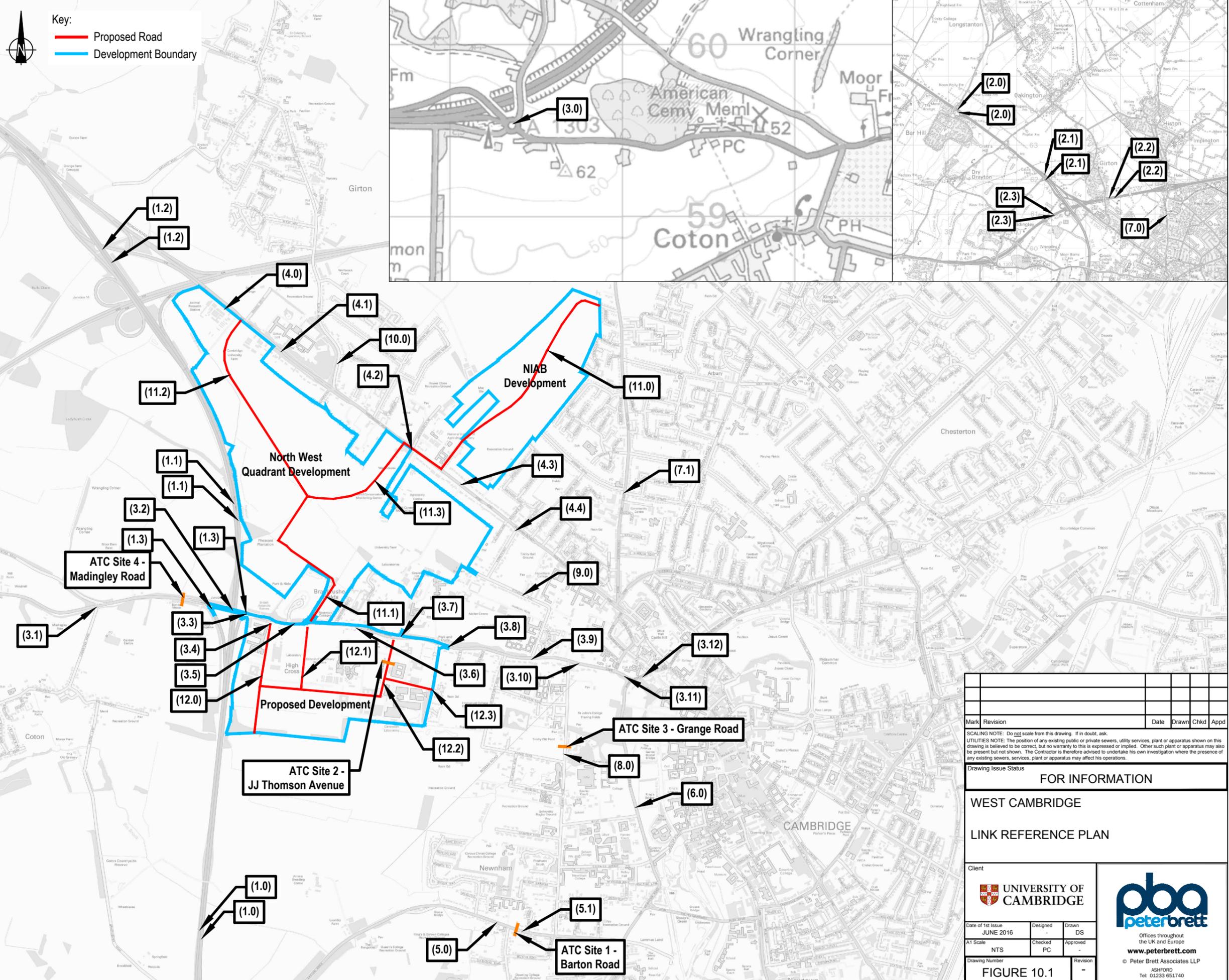
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WEST CAMBRIDGE DEVELOPMENT
MADINGLEY ROAD - VET SCHOOL SERVICE ACCESS - POTENTIAL LAYOUT

Mark	Revision	Date	Drawn	Chkd	Appd
Drawing Status					
TRANSPORT ASSESSMENT					
Date of 1st Issue	JUNE 2016	Drawing Number		Revision	
A Scale	1:20	FIGURE 1		-	
Design	REM	Drawn	REM		
Chkd	J	Appd	J		

No.	Link / Notes
	Refer to Reference Link Plan
1.0	M11 Nbd - J12 - J13 - 1 way
2.0	M11 Sbd - J12 - J13 - 1 way
1.1	M11 Nbd J13 - J14 - 1 way
1.1	M11 Sbd J13 - J14 - 1 way
1.2	M11 Nbd between A14 Ebd on-slip / Huntingdon Rd on slip - 1 way
1.2	M11 Sbd between A14 Ebd on-slip / Huntingdon Rd on slip - 1 way
1.3	M11 off-slip - 1 way
1.3	M11 on-slip - 1 way
2.0	A14 Ebd West of J30 (Bar Hill) - 1 way
2.0	A14 Wbd West of J30 (Bar Hill) - 1 way
2.1	A14 Ebd North East of M11 J14 - 1 way
2.1	A14 Wbd North East M11 J14 - 1 way
2.2	A14 Ebd West of J32 Interchange - 1 way
2.2	A14 Wbd West of J32 Interchange - 1 way
2.3	A428 - Ebd of West M11 J14 - 1 way
2.3	A428 - Wbd of West of M11 J14 - 1 way
3.0	A1303 East of Madingley Mulch R'bout
3.1	Madingley Rd - East of Cambridge Rd Crossroads
3.2	Madingley Rd on Over Bridge M11
3.3	Madingley Rd between M11 Sbd On Slip - Proposed Madingley Rd West Access
3.4	Madingley Rd - West of P&R Access
3.5	Madingley Rd - East of P&R Access
3.6	Madingley Rd - East of Proposed High Cross Access
3.7	Madingley Rd - East of JJ Thomson Ave
3.8	Madingley Rd - East of Clerk Maxwell Rd
3.9	Madingley Rd - East of Storey's Way
3.10	Madingley Rd - East of Grange Road
3.11	Madingley Rd - West of Queen's Rd / Northampton Rd R'bout
3.12	Northampton Rd - West of Pound Hill
4.0	Huntingdon Rd - West of Proposed NWC HRW Access
4.1	Huntingdon Rd - South East of Grange Drive opposite Girton College
4.2	Huntingdon Rd - East of NWC HRW Access
4.3	Huntingdon Rd - East of NIAB Access
4.4	Huntingdon Rd - East of Storey's Way
5.0	Barton Rd - West of Grantchester Rd
5.1	Barton Rd - East of Grantchester Rd
6.0	Queen's Rd - North of West Rd
7.0	Histon Road - South of A14
7.1	Histon Rd - South of Akeman St
8.0	Grange Rd - North of Adams Rd South of Madingley Rd
9.0	Storey's Way - between Madingley Rd and Huntingdon Rd
10.0	Girton Rd - North of Huntingdon Rd
11.0	Proposed NIAB Access - between Huntingdon Rd and Histon Rd
11.1	Proposed Madingley Rd West Access to NWC
11.2	Proposed Huntingdon Rd West Access to NWC
11.3	Proposed Huntingdon Rd East Access to NWC
12.0	Western Access to Madingley Rd
12.1	High Cross Access to Madingley Rd
12.2	JJ Thomson Ave Access to Madingley Rd
12.3	Clerk Maxwell Rd



Mark	Revision	Date	Drawn	Chkd	Appd

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Drawing Issue Status
FOR INFORMATION

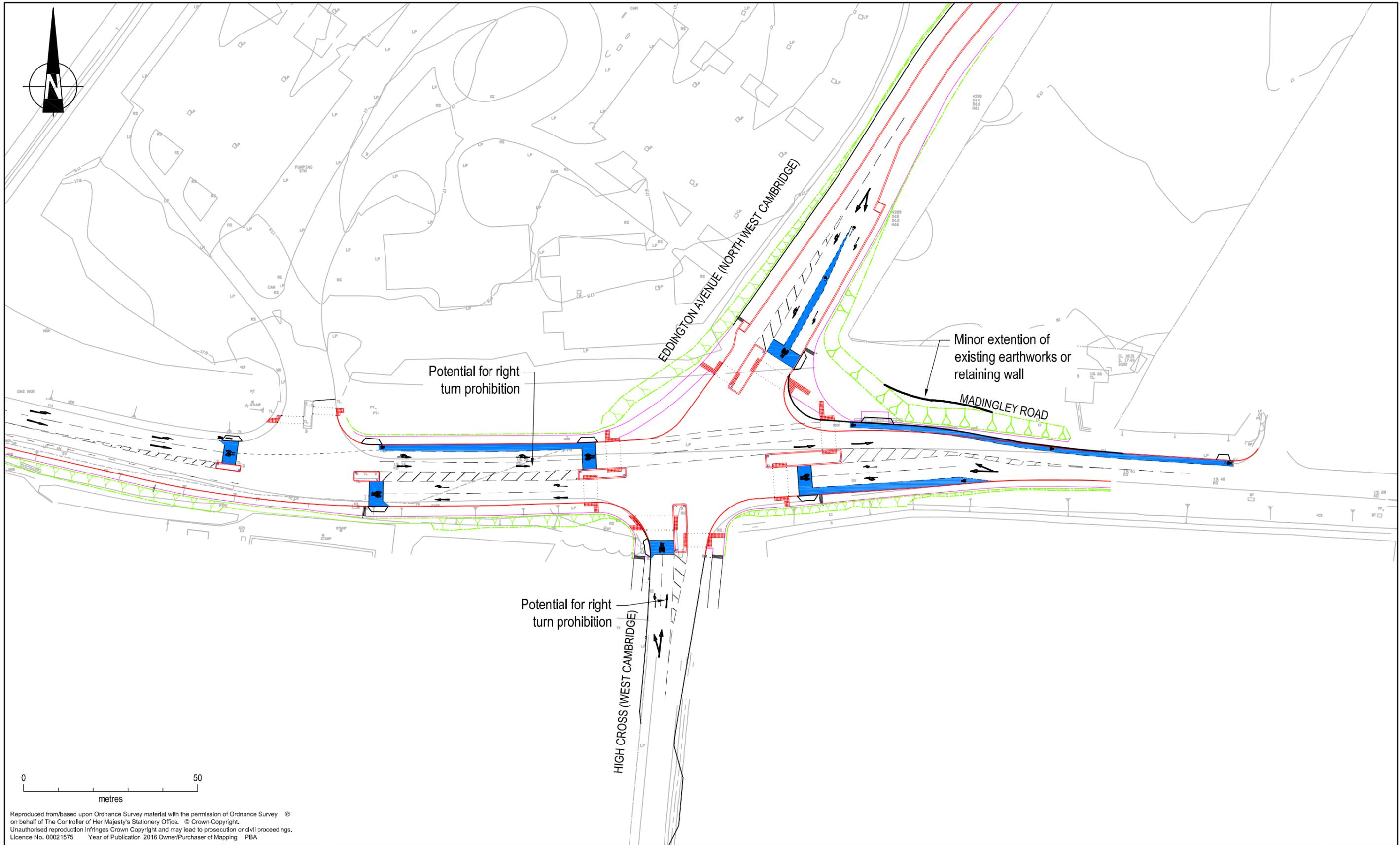
WEST CAMBRIDGE
LINK REFERENCE PLAN



Date of 1st Issue	Designed	Drawn
JUNE 2016	-	DS
A1 Scale	Checked	Approved
NTS	PC	-

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Drawing Number
FIGURE 10.1



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WEST CAMBRIDGE
 MADINGLEY ROAD JUNCTION WITH HIGH CROSS
 POTENTIAL LAYOUT

Mark	Revision	Date	Drawn	Chkd	Appd
Drawing Status					
TRANSPORT ASSESSMENT					
Date of 1st Issue	JUNE 2016	Drawing Number	Revision		
A3 Scale	1:1000	FIGURE 14.1		-	
Design	JH	Drawn	AI		
Chkd	GD	Appd	JH		