

**SEPARATED BI-DIRECTIONAL FACILITY ALONG EASTERN SIDE OF WEST STREET. SEE DRAWING SET 13S118000-01-P1 FOR DETAILS.**

**SEPARATED BI-DIRECTIONAL FACILITY ALONG PACIFIC HIGHWAY. DETAILS TO BE CONFIRMED BY RMS.**

**EXISTING CONTRAFLOW AND MIXED TRAFFIC FACILITY ALONG MIDDLEMISS STREET**

**OFF-ROAD SHARED PATH FACILITY ALONG WESTERN SIDE OF BRADFIELD PARK**

**ROUTE CONNECTS WITH SYDNEY HARBOUR BRIDGE CYCLEWAY AT 55 STEPS**

**PRELIMINARY PLAN**  
FOR DISCUSSION PURPOSES  
ONLY SUBJECT TO CHANGE  
WITHOUT NOTIFICATION



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NORTH SYDNEY INTEGRATED CYCLING STRATEGY  
PRIORITY ROUTE 1  
SYDNEY HARBOUR BRIDGE TO CAMMERAY  
PREFERRED ALIGNMENT  
09 OCTOBER 13  
13S118000-02-01-P3



SEPARATED BI-DIRECTIONAL FACILITY ALONG EASTERN SIDE OF WEST STREET. SEE DRAWING SET 13S118000-01-P1 FOR DETAILS.

10KM/H SHARED ZONE ALONG CHURCH LANE FOR 2-WAY USE BY BICYCLES. VEHICLES RESTRICTED TO 1-WAY SOUTHBOUND DIRECTION ONLY.

10KM/H SHARED ZONE ALONG ANGELO STREET FOR 2-WAY USE BY BICYCLES. VEHICLES RESTRICTED TO 1-WAY SOUTHBOUND DIRECTION ONLY.

SEPARATED BI-DIRECTIONAL FACILITY ALONG SOUTHERN SIDE OF BERRY STREET

NEW SIGNALISED INTERSECTION AT ANGELO STREET TO FACILITATE CROSSING OF BERRY STREET. SIGNALS TO BE CO-ORDINATED WITH PACIFIC HIGHWAY AND MILLER STREET.

EXTENSION OF 10KM/H SHARED ZONE ALONG LITTLE WALKER STREET FOR 2-WAY USE BY BICYCLES. VEHICLES RESTRICTED TO 1-WAY SOUTHBOUND DIRECTION ONLY (NORTH OF MOUNT STREET).

UTILISE WALKER STREET SIGNALISED INTERSECTION TO FACILITATE CROSSING THE PACIFIC HIGHWAY

EXISTING 10KM/H SHARED ZONE ALONG LITTLE WALKER STREET WITH VEHICLES RESTRICTED TO 1-WAY NORTHBOUND DIRECTION ONLY (SOUTH OF MOUNT STREET). CYCLISTS TO BE PERMITTED FOR 2-WAY TRAVEL.

SEPARATED BI-DIRECTIONAL FACILITY ALONG WESTERN SIDE OF PACIFIC HIGHWAY

EXISTING CONTRAFLOW AND MIXED TRAFFIC FACILITY ALONG MIDDLEMISS STREET

OFF-ROAD SHARED PATH FACILITY ALONG WESTERN SIDE OF BRADFIELD PARK

ROUTE CONNECTS WITH SYDNEY HARBOUR BRIDGE CYCLEWAY AT 55 STEPS



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PRIORITY ROUTE 1  
SYDNEY HARBOUR BRIDGE TO CAMMERAY  
ALTERNATIVE ALIGNMENT  
09 OCTOBER '13  
13S118000-02-01B-P3



**PRELIMINARY PLAN**  
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ON 10/10/2013 AT 15:42:29 PM  
PLOTTED BY : justin.murphy

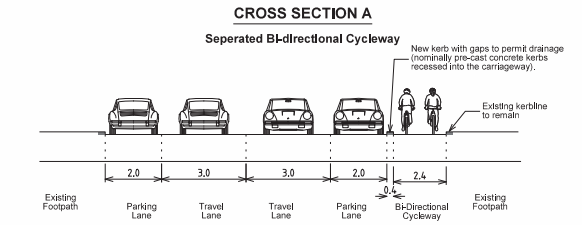




BI-DIRECTIONAL CYCLEWAY ARTIST IMPRESSION



SHARED ENVIRONMENT INTERSECTION TREATMENT ARTIST IMPRESSION



**DRAFT CONCEPT PLAN**  
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PLOTTED BY: j.murphy AT 13/05/2013 AT 13:34:32 AM

AMENDMENTS		GENERAL NOTES		
PT	24.05.0	INITIAL ISSUE	JCM	DVD
ISSUE	DATE	DESCRIPTION	BY	CHK.
			APP.	

- ALL DIMENSIONS AND RADII ARE IN METRES AND ARE TO THE FACE OF KERB AND CHANNEL.
- GTA CONSULTANTS DOES NOT TAKE ANY RESPONSIBILITY FOR THE ACCURACY OF THE EXISTING CONDITIONS BASE (AERIAL PHOTOGRAPHY) ON WHICH THE SETOUT DETAIL IS BASED. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE EXISTING CONDITIONS INCLUDING UNDERGROUND SERVICES SHOULD BE VERIFIED ON SITE.
- ALL SERVICE AND MANHOLE COVERS LOCATED ON THE CYCLE PATH TO BE REPLACED WITH FLUSH, BICYCLE FRIENDLY COVERS.
- ALL KERB RAMP AND VEHICULAR CROSSINGS SHALL BE LIPLESS AND TO RMS STANDARD KERB RAMP DRAWING NO. MDRT3.0/01.1.
- ALL PAVEMENT RIDING SURFACE TOLERANCES SHALL COMPLY WITH SECTION 4.2.3 OF AUSTRROADS GUIDE TO ROAD DESIGN, PART 6A: PEDESTRIAN AND CYCLIST PATHS.
- INTERSECTION AND TRAFFIC FACILITY PARKING SET BACKS TO COMPLY WITH RMS TECHNICAL DIRECTION TDT2001/04A.

DESIGNED J. MURPHY	DESIGN CHECK D. VAN DEN DOOL
DRAWN J. MURPHY	DRAFTING CHECK D. VAN DEN DOOL
APPROVED BY D. VAN DEN DOOL	DATE APPROVED FOR INITIAL ISSUE 24 MAY '13
SCALE A3 Hr: 0 5 10 Vr: 0 5 10	CAD FILE NO. 13S1180000-01-P1.dgn

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CLIENT	NORTH SYDNEY COUNCIL
INTEGRATED CYCLING STRATEGY	
WEST STREET SEPARATED BI-DIRECTIONAL CYCLEWAY CONCEPT DESIGN	
DRAWING NO. 13S1180000-01-01-P1	SHEET 1 OF 7
	ISSUE P1

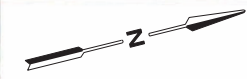
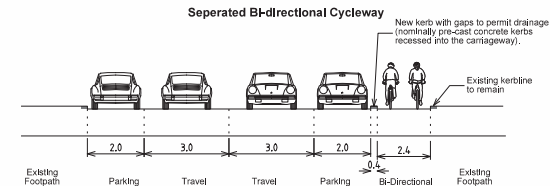


BI-DIRECTIONAL CYCLEWAY ARTIST IMPRESSION



BEND OUT INTERSECTION ARTIST IMPRESSION

CROSS SECTION A



**DRAFT CONCEPT PLAN**  
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ON 24/05/2018 AT 13:45:59 AM  
PLOTTED BY : Justin Murphy

AMENDMENTS					
PI	DATE	ISSUE	DESCRIPTION	BY	CHK
P1	24.05.13	INITIAL ISSUE		JCM	DVD

**GENERAL NOTES**

- ALL DIMENSIONS AND RADII ARE IN METRES AND ARE TO THE FACE OF KERB AND CHANNEL.
- GTA CONSULTANTS DOES NOT TAKE ANY RESPONSIBILITY FOR THE ACCURACY OF THE EXISTING CONDITIONS BASE (AERIAL PHOTOGRAPHY) ON WHICH THE SETOUT DETAIL IS BASED. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE EXISTING CONDITIONS INCLUDING UNDERGROUND SERVICES SHOULD BE VERIFIED ON SITE.
- ALL SERVICE AND MANHOLE COVERS LOCATED ON THE CYCLE PATH TO BE REPLACED WITH FLUSH, BICYCLE FRIENDLY COVERS.
- ALL KERB RAMP AND VEHICULAR CROSSINGS SHALL BE LIPLISS AND TO RMS STANDARD KERB RAMP DRAWING NO. MD.R173.B01A.1.
- ALL PAYEMENT RIDING SURFACE TOLERANCES SHALL COMPLY WITH SECTION 4.2.3 OF AUSTRROADS GUIDE TO ROAD DESIGN, PART 6A: PEDESTRIAN AND CYCLIST PATHS.
- INTERSECTION AND TRAFFIC FACILITY PARKING SET BACKS TO COMPLY WITH RMS TECHNICAL DIRECTION TD2001/04A.

DESIGNED	J. MURPHY	DESIGN CHECK	D. VAN DEN DOOL
DRAWN	J. MURPHY	DRAFTING CHECK	D. VAN DEN DOOL
APPROVED BY	D. VAN DEN DOOL	DATE APPROVED FOR INITIAL ISSUE	24 MAY '13
SCALE	A3 Hor. 1:1 Ver. 1:1	1:500	CAD FILE NO. 13S118000-01-P1.dgn

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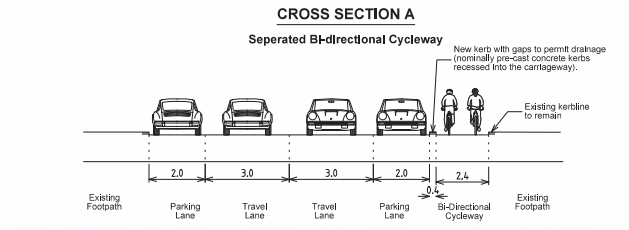
CLIENT	NORTH SYDNEY COUNCIL
INTEGRATED CYCLING STRATEGY	
WEST STREET SEPERATED BI-DIRECTIONAL CYCLEWAY CONCEPT DESIGN	
DRAWING NO.	13S118000-01-02-P1
SHEET	2 OF 7
ISSUE	P1



BI-DIRECTIONAL CYCLEWAY ARTIST IMPRESSION



BEND OUT INTERSECTION ARTIST IMPRESSION



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PLOTTER BY: jsmith\_murphy ON 24/05/2013 AT 11:52:12 AM

AMENDMENTS		DESCRIPTION	BY	CHK	APP
P1	24.05.13	INITIAL ISSUE	JCM	DVD	DVD
ISSUE	DATE	DESCRIPTION	BY	CHK	APP

**GENERAL NOTES**

1. ALL DIMENSIONS AND RADII ARE IN METRES AND ARE TO THE FACE OF KERB AND CHANNEL.
2. GTA CONSULTANTS DOES NOT TAKE ANY RESPONSIBILITY FOR THE ACCURACY OF THE EXISTING CONDITIONS BASE (AERIAL PHOTOGRAPHY) ON WHICH THE SETOUT DETAIL IS BASED.
3. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE EXISTING CONDITIONS INCLUDING UNDERGROUND SERVICES SHOULD BE VERIFIED ON SITE.
4. ALL SERVICE AND MANHOLE COVERS LOCATED ON THE CYCLE PATH TO BE REPLACED WITH FLUSH, BICYCLE FRIENDLY COVERS.
5. ALL KERB RAMPS AND VEHICULAR CROSSINGS SHALL BE LIPLESS AND TO RMS STANDARD KERB RAMP DRAWING NO. MDT73.851A.1.
6. ALL PAVEMENT RIDING SURFACE TOLERANCES SHALL COMPLY WITH SECTION 4.2.3 OF AUSTRROADS GUIDE TO ROAD DESIGN, PART 6A; PEDESTRIAN AND CYCLIST PATHS.
7. INTERSECTION AND TRAFFIC FACILITY PARKING SET BACKS TO COMPLY WITH RMS TECHNICAL DIRECTION TDT2001/04A.

DESIGNED J. MURPHY	DESIGN CHECK D. VAN DEN DOOL
DRAWN J. MURPHY	DRAFTING CHECK D. VAN DEN DOOL
APPROVED BY D. VAN DEN DOOL	DATE APPROVED FOR INITIAL ISSUE 24 MAY '13
SCALE A3 Ver: 0	CAD FILE NO. 13S1180000-01-P1.dgn

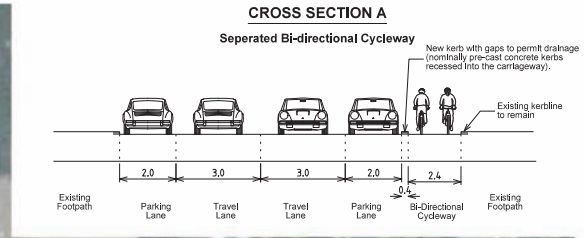
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CLIENT NORTH SYDNEY COUNCIL	SHEET 3 OF 7	ISSUE P1
INTEGRATED CYCLING STRATEGY		
WEST STREET SEPARATED BI-DIRECTIONAL CYCLEWAY CONCEPT DESIGN		
DRAWING NO. 13S118000-01-03-P1		



BI-DIRECTIONAL CYCLEWAY ARTIST IMPRESSION



**DRAFT CONCEPT PLAN**  
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ON 24/05/2013 AT 11:35:42 AM  
PLOTTER BY: Justin Murphy

AMENDMENTS		BY		DATE	
PT	24.05.13	INITIAL ISSUE	JCM	DVD	DVA
ISSUE	DATE	DESCRIPTION	BY	CHK	APP

- GENERAL NOTES
1. ALL DIMENSIONS AND RADII ARE IN METRES AND ARE TO THE FACE OF KERB AND CHANNEL.
  2. GTA CONSULTANTS DOES NOT TAKE ANY RESPONSIBILITY FOR THE ACCURACY OF THE EXISTING CONDITIONS BASE (AERIAL PHOTOGRAPHY) ON WHICH THE SETOUT DETAIL IS BASED, PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE EXISTING CONDITIONS INCLUDING UNDERGROUND SERVICES SHOULD BE VERIFIED ON SITE.
  3. ALL SERVICE AND MANHOLE COVERS LOCATED ON THE CYCLE PATH TO BE REPLACED WITH FLUSH/BICYCLE FRIENDLY COVERS.
  4. ALL KERB RAMPS AND VEHICULAR CROSSINGS SHALL BE FLIPLESS AND TO RHS STANDARD KERB RAMP DWG NO. MDAT3.B01A.1.
  5. ALL PAVEMENT RISING SURFACE TOLERANCES SHALL COMPLY WITH SECTION 4.2.3 OF AUSTRROADS GUIDE TO ROAD DESIGN, PART 6A, PEDESTRIAN AND CYCLIST PATHS.
  6. INTERSECTION AND TRAFFIC FACILITY PARKING SET BACKS TO COMPLY WITH RMS TECHNICAL DIRECTION TD2001/04A.
  7. SIGNAL DESIGN TO INCLUDE EXCLUSIVE WEST STREET BICYCLE PHASE AND OTHER ADJUSTMENTS TO SUIT PROPOSED LAYOUT.

DESIGNED J. MURPHY	DESIGN CHECK D. VAN DEN DOOL
DRAWN J. MURPHY	DRAFTING CHECK D. VAN DEN DOOL
APPROVED BY D. VAN DEN DOOL	DATE APPROVED FOR INITIAL ISSUE 24 MAY '13
SCALE A3 Hor. 0 5 10 Ver. 0 5 10	CAD FILE NO. 13S1180000-01-P1.dgn

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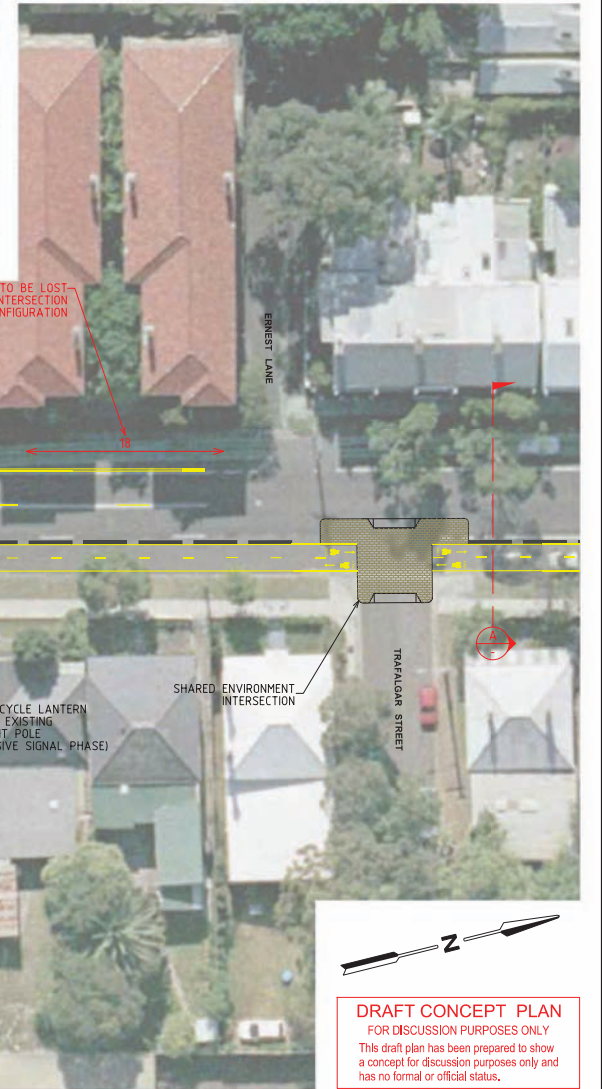
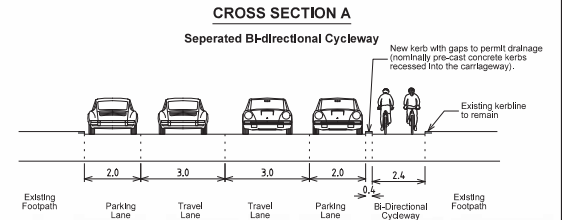
CLIENT	NORTH SYDNEY COUNCIL
INTEGRATED CYCLING STRATEGY	
WEST STREET SEPARATED BI-DIRECTIONAL CYCLEWAY CONCEPT DESIGN	
DRAWING NO. 13S118000-01-04-P1	SHEET 4 OF 7
ISSUE P1	



BI-DIRECTIONAL CYCLEWAY ARTIST IMPRESSION



SHARED ENVIRONMENT INTERSECTION TREATMENT ARTIST IMPRESSION



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ON 24/05/2013 AT 14:34:44 AM  
PLOTTED BY : Justin Murphy

AMENDMENTS			
NO.	DATE	DESCRIPTION	BY
P1	24.05.13	INITIAL ISSUE	JCM
ISSUE	DATE	DESCRIPTION	BY
			CHK
			APP

GENERAL NOTES	
1.	ALL DIMENSIONS AND RADII ARE IN METRES AND ARE TO THE FACE OF KERB AND CHANNEL.
2.	GTA CONSULTANTS DOES NOT TAKE ANY RESPONSIBILITY FOR THE ACCURACY OF THE EXISTING CONDITIONS BASE (AERIAL PHOTOGRAPHY) ON WHICH THE SETOUT DETAIL IS BASED, PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE EXISTING CONDITIONS INCLUDING UNDERGROUND SERVICES SHOULD BE VERIFIED ON SITE.
3.	ALL SERVICE AND HANDLE COVERS LOCATED ON THE CYCLE PATH TO BE REPLACED WITH FLUSH/BICYCLE FRIENDLY COVERS.
4.	ALL KERB RAMPS AND VEHICULAR CROSSINGS SHALL BE LIPLESS AND TO RMS STANDARD KERB RAMP DWG NO. RD.R173B01A.1.
5.	ALL PAVEMENT RIDING SURFACE TOLERANCES SHALL COMPLY WITH SECTION 4.2.3 OF AUSTRROADS GUIDE TO ROAD DESIGN, PART 6A: PEDESTRIAN AND CYCLIST PATHS.
6.	INTERSECTION AND TRAFFIC FACILITY PARKING SET BACKS TO COMPLY WITH RMS TECHNICAL DIRECTION TDT2001/04A.
7.	SIGNAL DESIGN TO INCLUDE EXCLUSIVE WEST STREET BICYCLE PHASE AND OTHER ADJUSTMENTS TO SUIT PROPOSED LAYOUT.

DESIGNED	J. MURPHY	DESIGN CHECK	D. VAN DEN DOOL
DRAWN	J. MURPHY	DRAFTING CHECK	D. VAN DEN DOOL
APPROVED BY	D. VAN DEN DOOL	DATE APPROVED FOR INITIAL ISSUE	24 MAY '13
SCALE	A3 Hor. 0 5 10 Ver. 0	1:500	CAD FILE NO. 13S1180000-01-P1.dgn

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INTEGRATED CYCLING STRATEGY	
WEST STREET SEPERATED BI-DIRECTIONAL CYCLEWAY CONCEPT DESIGN	
DRAWING NO.	13S118000-01-05-P1
SHEET	5 OF 7
ISSUE	P1





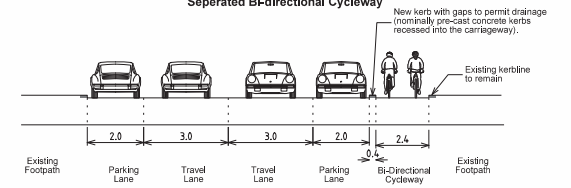
BI-DIRECTIONAL CYCLEWAY ARTIST IMPRESSION



BEND OUT INTERSECTION ARTIST IMPRESSION

CROSS SECTION A

Separated Bi-directional Cycleway



**DRAFT CONCEPT PLAN**  
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ON 24/05/2013 AT 13:52:27 AM

PLOTTED BY: j.murphy

AMENDMENTS	NO.	DATE	DESCRIPTION	BY	CHK.	APP.
P1	24.05.13	INITIAL ISSUE		JCM	BVD	BVD

**GENERAL NOTES**

- ALL DIMENSIONS AND RADI ARE IN METRES AND ARE TO THE FACE OF KERB AND CHANNEL.
- GTA CONSULTANTS DOES NOT TAKE ANY RESPONSIBILITY FOR THE ACCURACY OF THE EXISTING CONDITIONS BASE (AERIAL PHOTOGRAPHY) ON WHICH THE SETOUT DETAIL IS BASED.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE EXISTING CONDITIONS INCLUDING UNDERGROUND SERVICES SHOULD BE VERIFIED ON SITE.
- ALL SERVICE AND MANHOLE COVERS LOCATED ON THE CYCLE PATH TO BE REPLACED WITH FLUSH, BICYCLE FRIENDLY COVERS.
- ALL KERB RAMPS AND VEHICULAR CROSSINGS SHALL BE LIPLESS AND TO RMS STANDARD KERB RAMP DRAWING NO. MD.R773.B01(A,L).
- ALL PAVEMENT RIDING SURFACE TOLERANCES SHALL COMPLY WITH SECTION 4.2.3 OF AUSTRROADS GUIDE TO ROAD DESIGN, PART 6A PEDESTRIAN AND CYCLIST PATHS.
- INTERSECTION AND TRAFFIC FACILITY PARKING SET BACKS TO COMPLY WITH RMS TECHNICAL DIRECTION TD2001/04A.

DESIGNED J. MURPHY	DESIGN CHECK D. VAN DEN DOOL
DRAWN J. MURPHY	DRAFTING CHECK D. VAN DEN DOOL
APPROVED BY D. VAN DEN DOOL	DATE APPROVED FOR INITIAL ISSUE 24 MAY '13
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<b>INTEGRATED CYCLING STRATEGY</b>	
<b>WEST STREET SEPARATED BI-DIRECTIONAL CYCLEWAY CONCEPT DESIGN</b>	
DRAWING NO. 13S118000-01-06-P1	SHEET 6 OF 7
	ISSUE P1



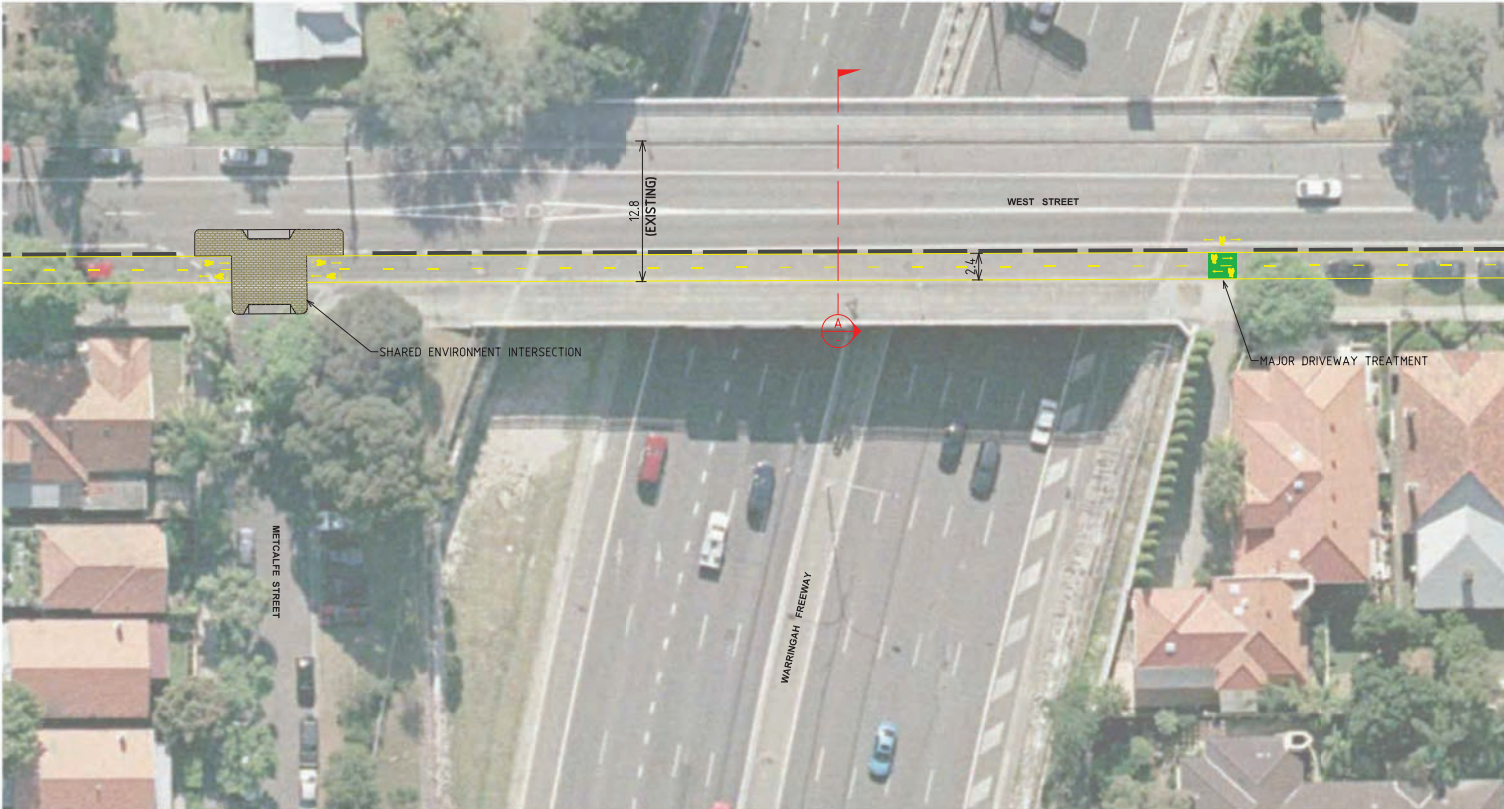
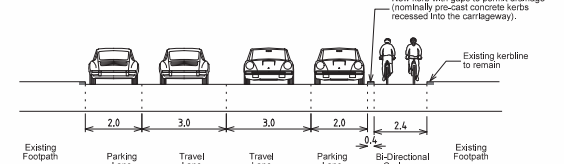
BI-DIRECTIONAL CYCLEWAY ARTIST IMPRESSION



SHARED ENVIRONMENT INTERSECTION TREATMENT ARTIST IMPRESSION

CROSS SECTION A

Separated Bi-directional Cycleway



PLOTTED BY: justin murphy ON: 24/05/2013 AT 11:36:42 AM

AMENDMENTS		GENERAL NOTES	
		1. ALL DIMENSIONS AND RADII ARE IN METRES AND ARE TO THE FACE OF KERB AND CHANNEL.	DESIGNED
		2. GTA CONSULTANTS DOES NOT TAKE ANY RESPONSIBILITY FOR THE ACCURACY OF THE EXISTING CONDITIONS BASE (AERIAL PHOTOGRAPHY) ON WHICH THE SETOUT DETAIL IS BASED.	J. MURPHY
		3. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE EXISTING CONDITIONS INCLUDING UNDERGROUND SERVICES SHOULD BE VERIFIED ON SITE.	DRAWN
		4. ALL SERVICE AND MANHOLE COVERS LOCATED ON THE CYCLE PATH TO BE REPLACED WITH FLUSH, BICYCLE FRIENDLY COVERS.	J. MURPHY
		5. ALL PAVEMENT RIDING SURFACE TOLERANCES SHALL COMPLY WITH SECTION 4.2.3 OF AUSTRROADS GUIDE TO ROAD DESIGN, PART 6A: PEDESTRIAN AND CYCLIST PATHS.	APPROVED BY
		6. INTERSECTION AND TRAFFIC FACILITY PARKING SET BACKS TO COMPLY WITH RMS TECHNICAL DIRECTION TDT2001/01A.	D. VAN DEN DOOL
P1	24.05.13	JCM	DESIGN CHECK
ISSUE	DATE	BY	D. VAN DEN DOOL
		CHK	DRAFTING CHECK
		APP	D. VAN DEN DOOL
			DATE APPROVED FOR INITIAL ISSUE
			24 MAY '13
			SCALE
			A3 Hsv 0 5 10 1:500
			Ver: 0 5 10
			GAD FILE NO.
			13S1180000-01-P1.dgn

DESIGNED	J. MURPHY	DESIGN CHECK	D. VAN DEN DOOL
DRAWN	J. MURPHY	DRAFTING CHECK	D. VAN DEN DOOL
APPROVED BY	D. VAN DEN DOOL	DATE APPROVED FOR INITIAL ISSUE	24 MAY '13
SCALE	Hsv 0 5 10 1:500	GAD FILE NO.	13S1180000-01-P1.dgn
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CLIENT NORTH SYDNEY COUNCIL

INTEGRATED CYCLING STRATEGY

WEST STREET  
SEPARATED BI-DIRECTIONAL CYCLEWAY  
CONCEPT DESIGN

DRAWING NO. 13S118000-01-07-P1 SHEET 7 OF 7 ISSUE P1

**DRAFT CONCEPT PLAN**  
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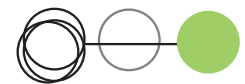


**Notes**

1. A detailed survey is required to determine the available road widths.
2. Concrete and painted medians to be removed to maximise the available road width and replaced with barrier line where appropriate.
3. Wayfinding signage to be provided in both directions along the length of the route.



PI	09-10-13	JCM	DVD	DVD
Issue	Date	By	Chkd	Appd
Meters 0      62.5      125      250				



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Client  
**North Sydney Council**

Job Title  
**Integrated Cycleway Strategy**

Drawing Title  
**Priority Construction Routes  
Route 2 - Sydney Harbour Bridge  
to Neutral Bay**

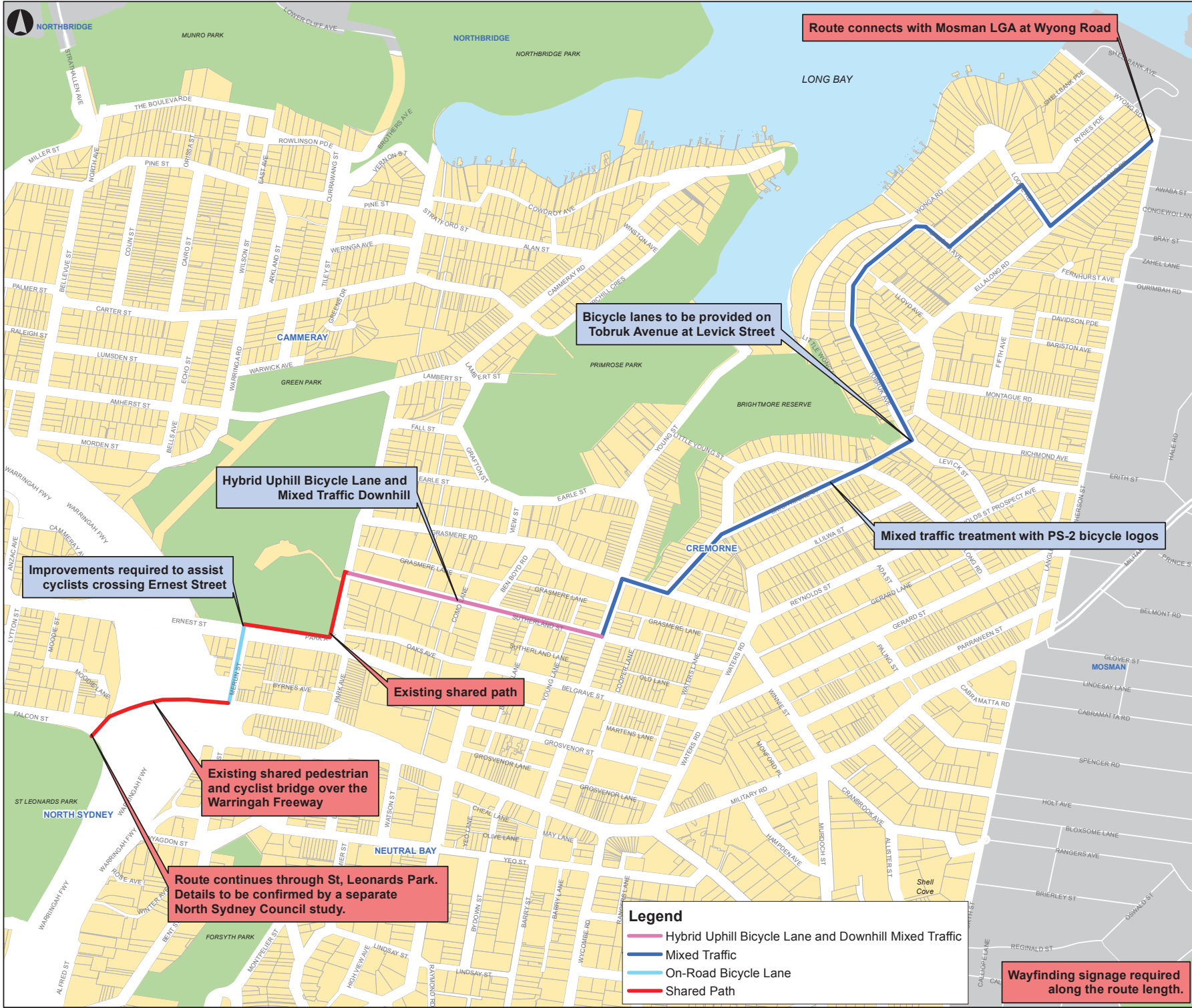
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Drawing Status  
**Preliminary**

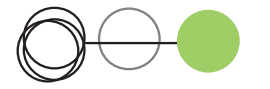
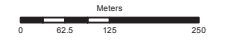
Job No <b>13S1180000</b>	Drawing No <b>002</b>	Issue <b>P2</b>
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**Legend**

- Hybrid Uphill Bicycle Lane & Downhill Mixed Traffic
- Mixed Traffic



PI	19-11-13	JCM	DVD	DVD
Issue	Date	By	Chkd	Appd



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Client  
**North Sydney Council**

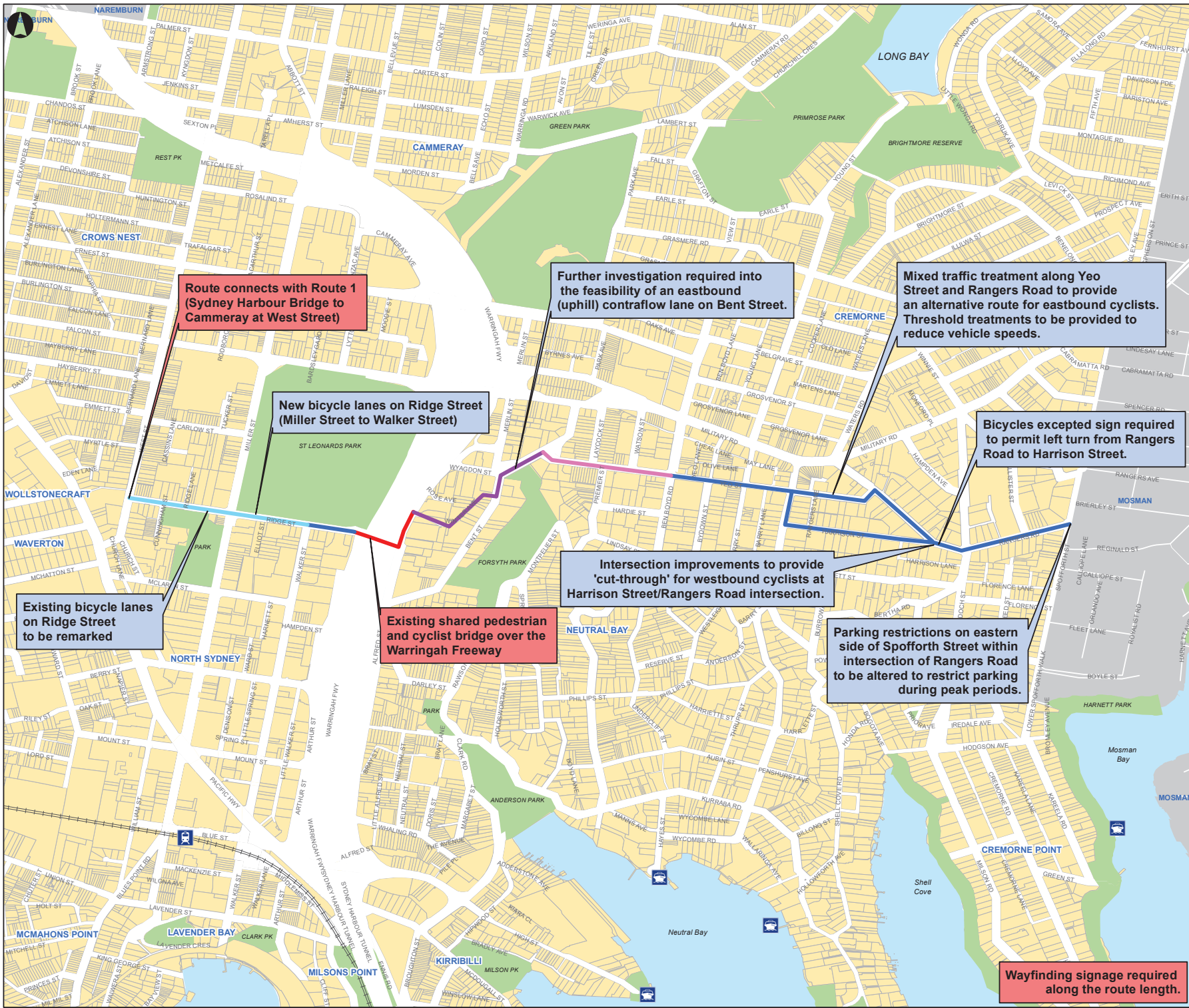
Job Title  
**Integrated Cycleway Strategy**

Drawing Title  
**Priority Construction Routes  
Route 3  
North Sydney to Mosman**

Scale at A3  
**1:7,500**

Drawing Status  
**Preliminary**

Job No	Drawing No	Issue
<b>13S1180000</b>	<b>003</b>	<b>P3</b>



- Legend**
- On-Road Mixed Traffic
  - On-Road Bicycle Lane
  - On-Road Hybrid Bicycle Lane & Mixed Traffic
  - On-Road Hybrid Contraflow Lane & Mixed Traffic
  - Shared Path



PI	19-11-13	JCM	DVD	DVD
Issue	Date	By	Chkd	Appd

Meters

0    125    250    500



Client  
**North Sydney Council**

Job Title  
**Integrated Cycleway Strategy**

Drawing Title  
**Priority Construction Routes  
Route 5  
North Sydney to Cremorne**

Scale at A3  
**1:10,000**

Drawing Status  
**Preliminary**

Job No <b>13S1180000</b>	Drawing No <b>005</b>	Issue <b>P3</b>
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Route connects with Route 1 (Sydney Harbour Bridge to Cammeray at West Street)

Further investigation required into the feasibility of an eastbound (uphill) contraflow lane on Bent Street.

Mixed traffic treatment along Yeo Street and Rangers Road to provide an alternative route for eastbound cyclists. Threshold treatments to be provided to reduce vehicle speeds.

New bicycle lanes on Ridge Street (Miller Street to Walker Street)

Bicycles exempted sign required to permit left turn from Rangers Road to Harrison Street.

Existing bicycle lanes on Ridge Street to be remarked

Intersection improvements to provide 'cut-through' for westbound cyclists at Harrison Street/Rangers Road intersection.

Existing shared pedestrian and cyclist bridge over the Warringah Freeway

Parking restrictions on eastern side of Spofforth Street within intersection of Rangers Road to be altered to restrict parking during peak periods.

Wayfinding signage required along the route length.