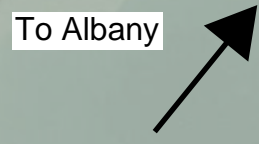


Appendix E – Concept Sketches for Top Four Priorities



Retaining wall, difficult to implement an auxiliary lane or a lane-gain arrangement



Existing bus lanes

General traffic must use off-ramp from the left-lane

Construct auxiliary lane for buses to proceed part-way down the offramp before diverging back onto the mainline and connect to the existing bus lane, avoiding conflict with general traffic

Option One:

Convert the dedicated Onewa Rd offramp into a bus lane and construct an auxiliary bus lane across the gore area of the Onewa Rd offramp to connect to the existing shoulder bus lane

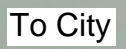
Works required:

Constructing new carriageway for the buses to cross the gore area from the onramp. Paintmarking. Relocation of street lighting, barriers, and signage

Potential Issues:

Constraints in connecting the midblock bus lane across the onramp to create a continuous bus lane

Existing shoulder constrained by the boundary of the edge of the water and may not be able to be widened without reclaiming land.



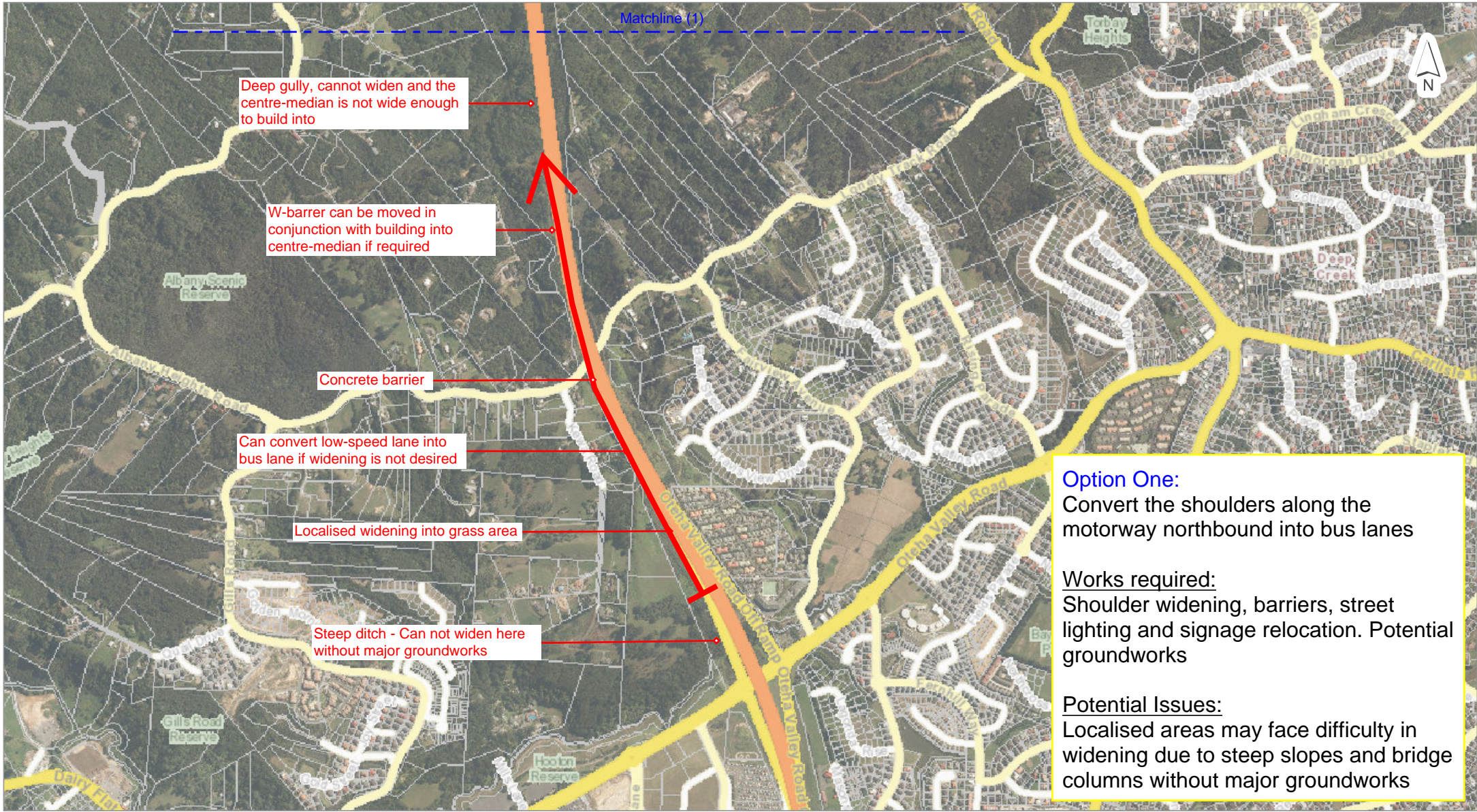
DISCLAIMER:
This map/plan is illustrative only and all information should be independently verified on site before taking any action.
Copyright Auckland Council. Land Parcel Boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

SH1 NB - Onewa Road to Harbour Bridge



Scale @ A4 = 1:5,000

Date Printed: 4/06/2018



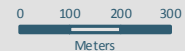
Option One:
 Convert the shoulders along the motorway northbound into bus lanes

Works required:
 Shoulder widening, barriers, street lighting and signage relocation. Potential groundworks

Potential Issues:
 Localised areas may face difficulty in widening due to steep slopes and bridge columns without major groundworks

DISCLAIMER:
 This map/plan is illustrative only and all information should be independently verified on site before taking any action.
 Copyright Auckland Council. Land Parcel Boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

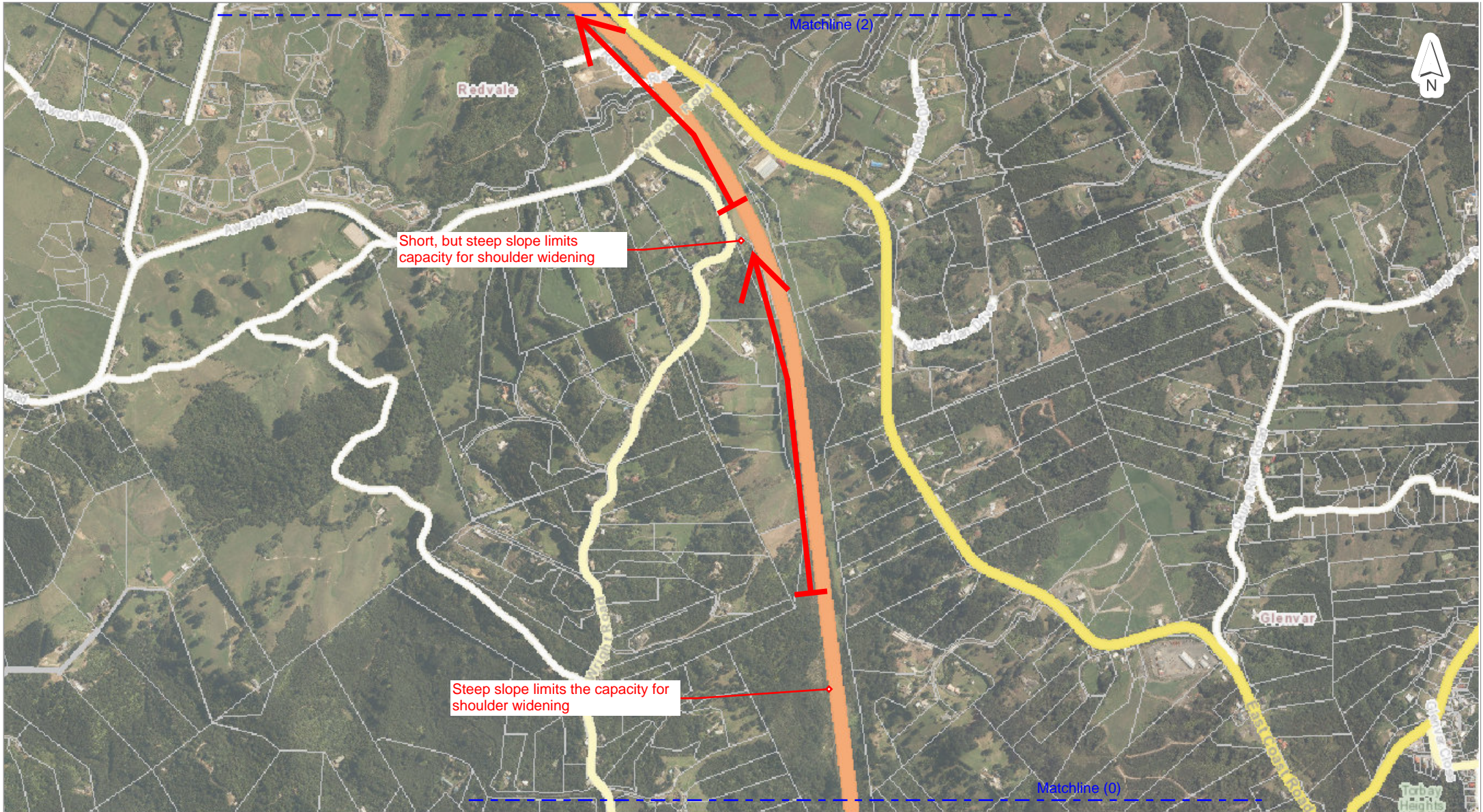
**Albany to Silverdale Northbound
 (Sheet 1)**



Scale @ A4
 = 1:15,000

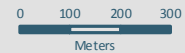
Date Printed:
 26/06/2018





DISCLAIMER:
This map/plan is illustrative only and all information should be independently verified on site before taking any action.
Copyright Auckland Council. Land Parcel Boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

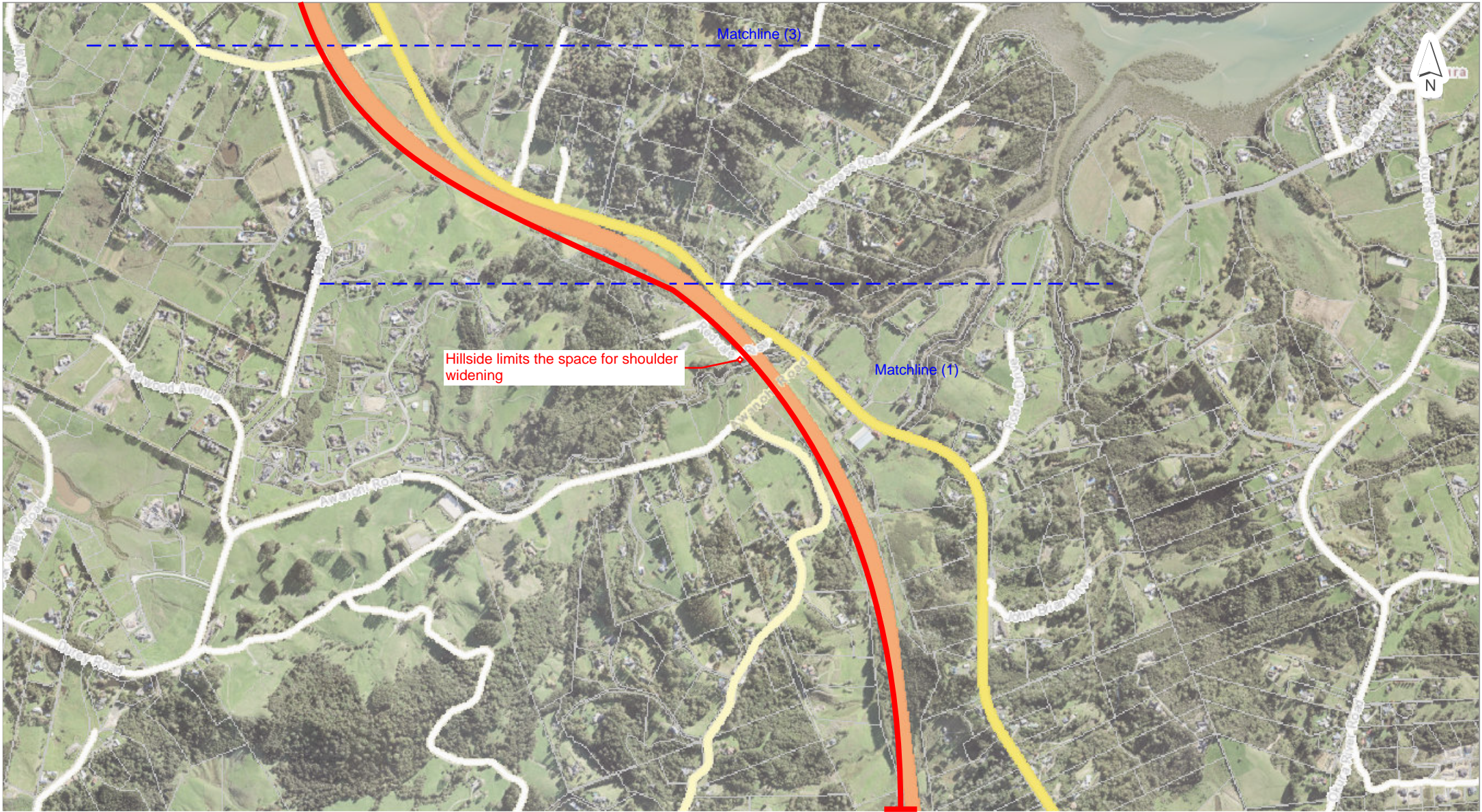
Albany to Silverdale Northbound (Sheet 2)



Scale @ A4
= 1:15,000

Date Printed:
26/06/2018





DISCLAIMER:
This map/plan is illustrative only and all information should be independently verified on site before taking any action.
Copyright Auckland Council. Land Parcel Boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

Albany to Silverdale Northbound (Sheet 3)

0 100 200 300
Meters

Scale @ A4
= 1:15,000

Date Printed:
26/06/2018



DISCLAIMER:
This map/plan is illustrative only and all information should be independently verified on site before taking any action.
Copyright Auckland Council. Land Parcel Boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

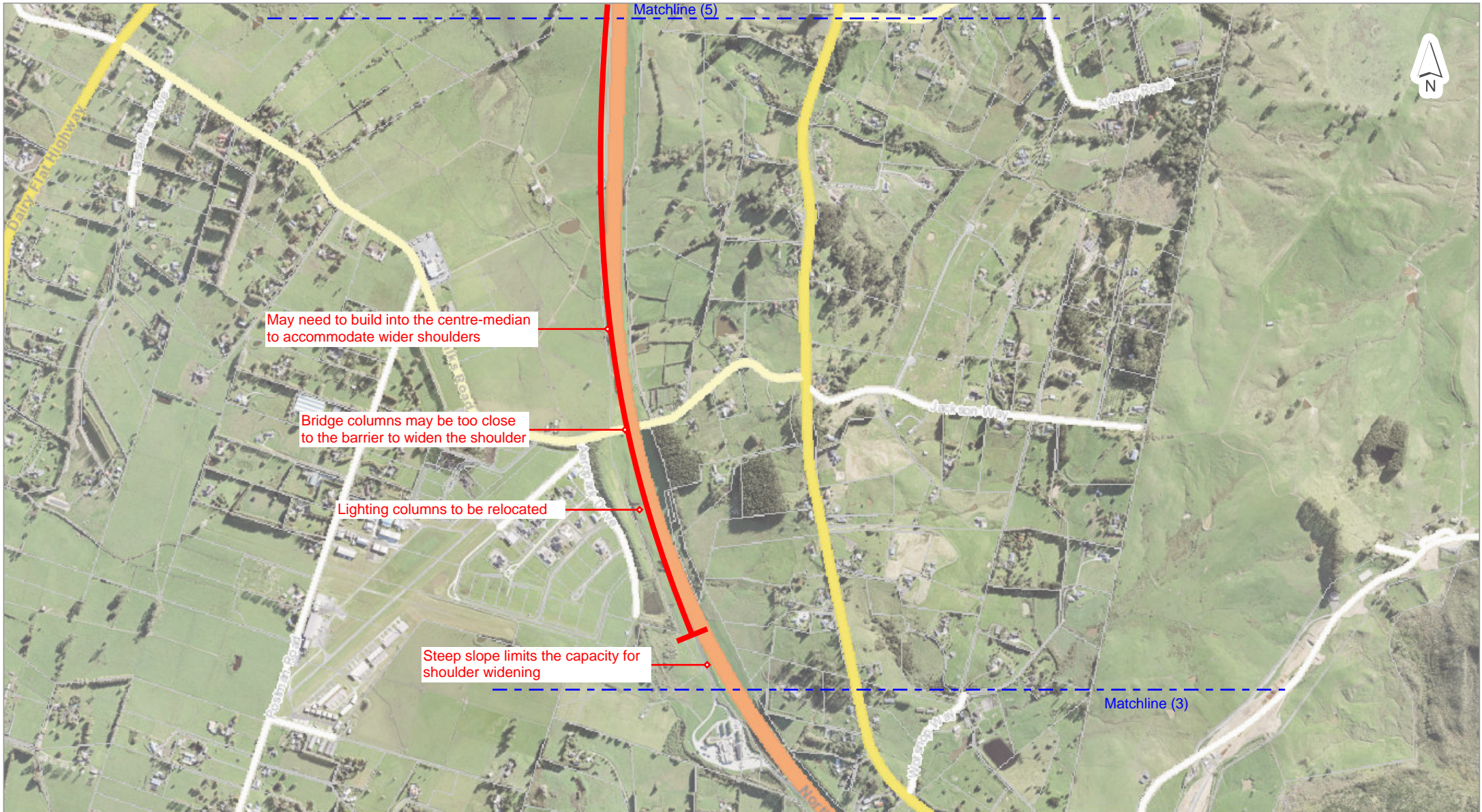
Albany to Silverdale Northbound (Sheet 4)



Scale @ A4
= 1:15,000

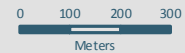
Date Printed:
26/06/2018





DISCLAIMER:
This map/plan is illustrative only and all information should be independently verified on site before taking any action.
Copyright Auckland Council. Land Parcel Boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

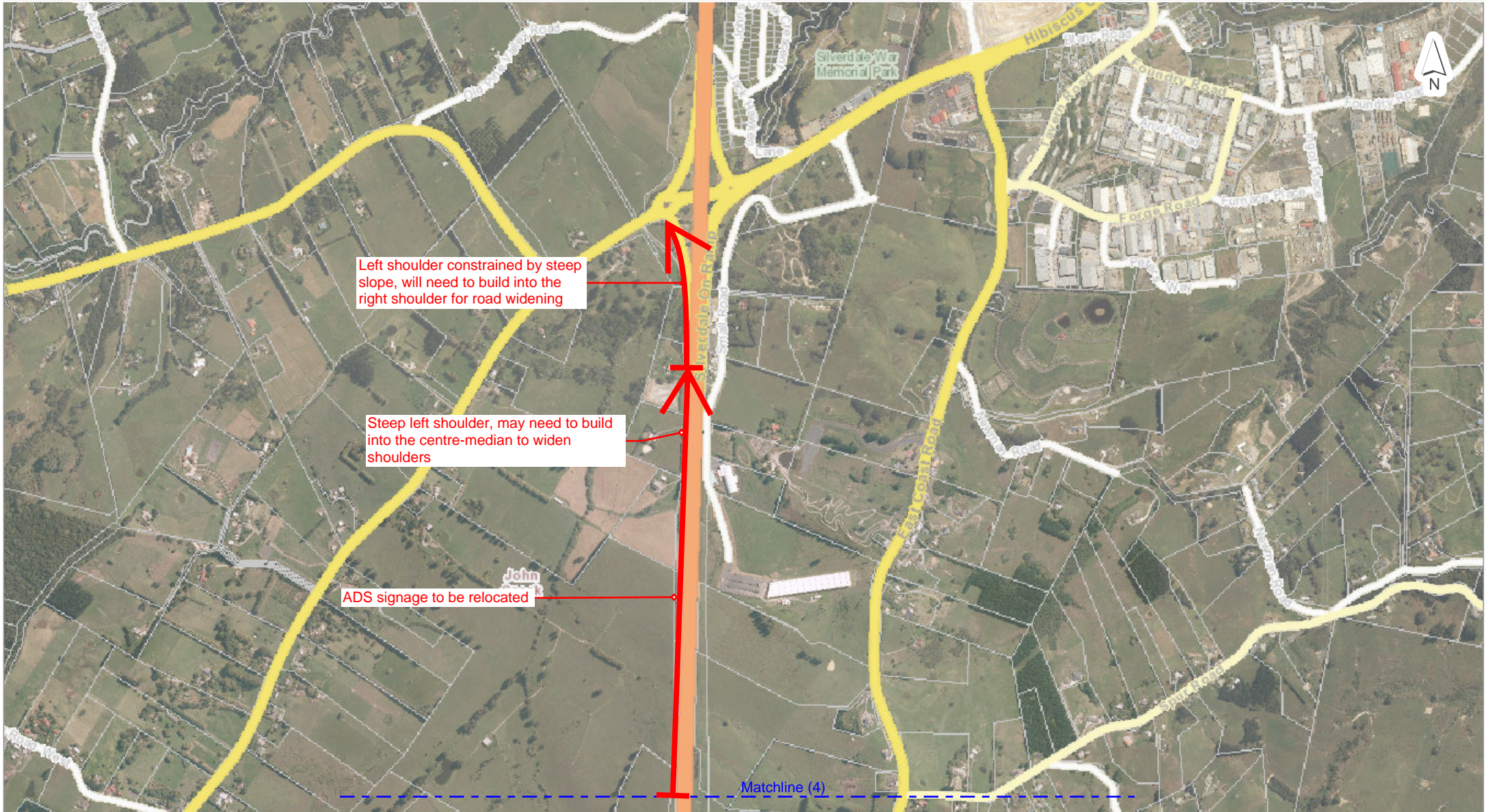
Albany to Silverdale Northbound (Sheet 5)



Scale @ A4
= 1:15,000

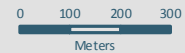
Date Printed:
26/06/2018





DISCLAIMER:
This map/plan is illustrative only and all information should be independently verified on site before taking any action.
Copyright Auckland Council. Land Parcel Boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

Albany to Silverdale Northbound (Sheet 6)



Scale @ A4
= 1:15,000

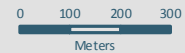
Date Printed:
26/06/2018





DISCLAIMER:
 This map/plan is illustrative only and all information should be independently verified on site before taking any action.
 Copyright Auckland Council. Land Parcel Boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

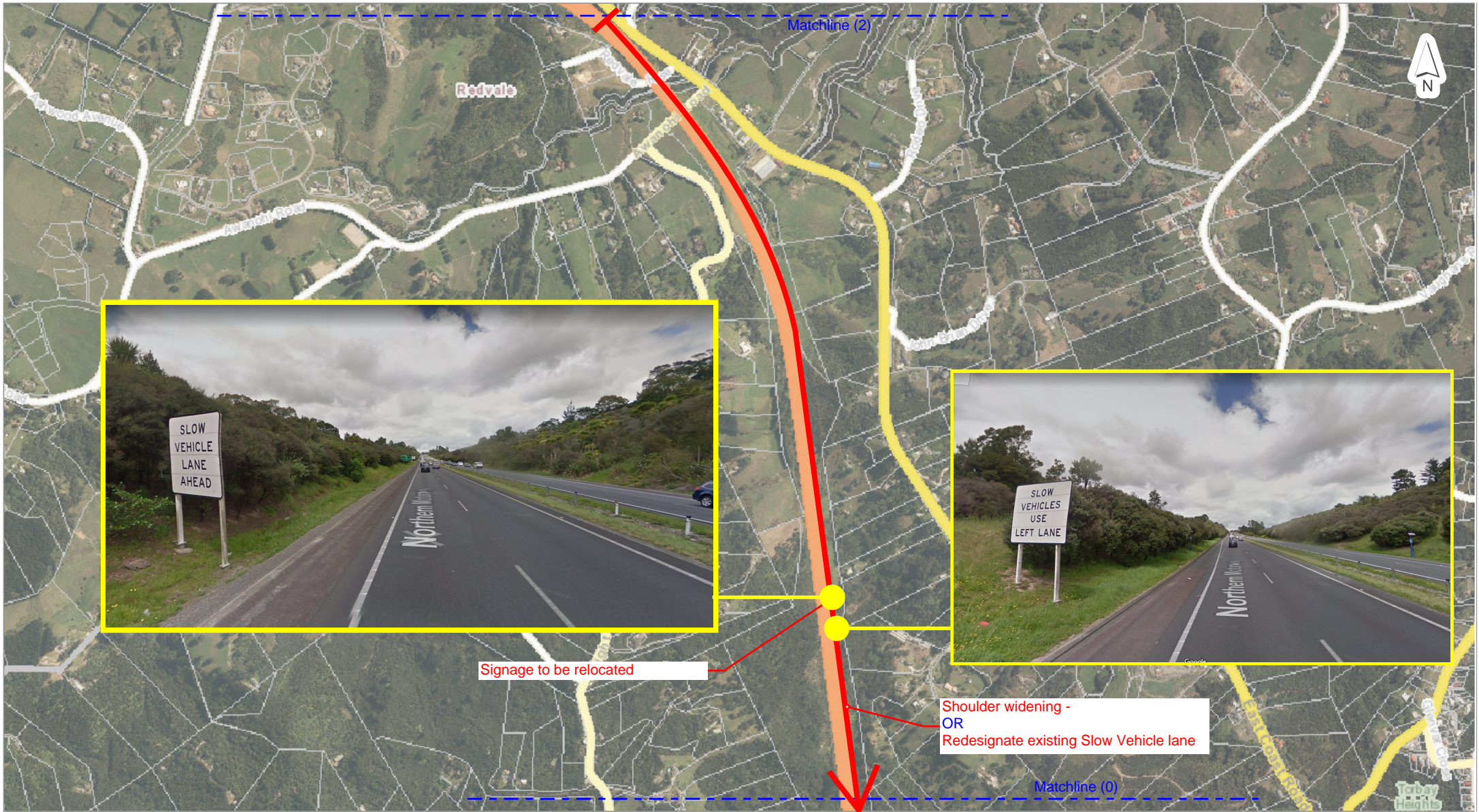
Albany to Silverdale Southbound (Sheet 1)



Scale @ A4
 = 1:15,000

Date Printed:
 26/06/2018



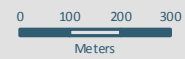


Signage to be relocated

Shoulder widening -
OR
Redesignate existing Slow Vehicle lane

DISCLAIMER:
 This map/plan is illustrative only and all information should be independently verified on site before taking any action.
 Copyright Auckland Council. Land Parcel Boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

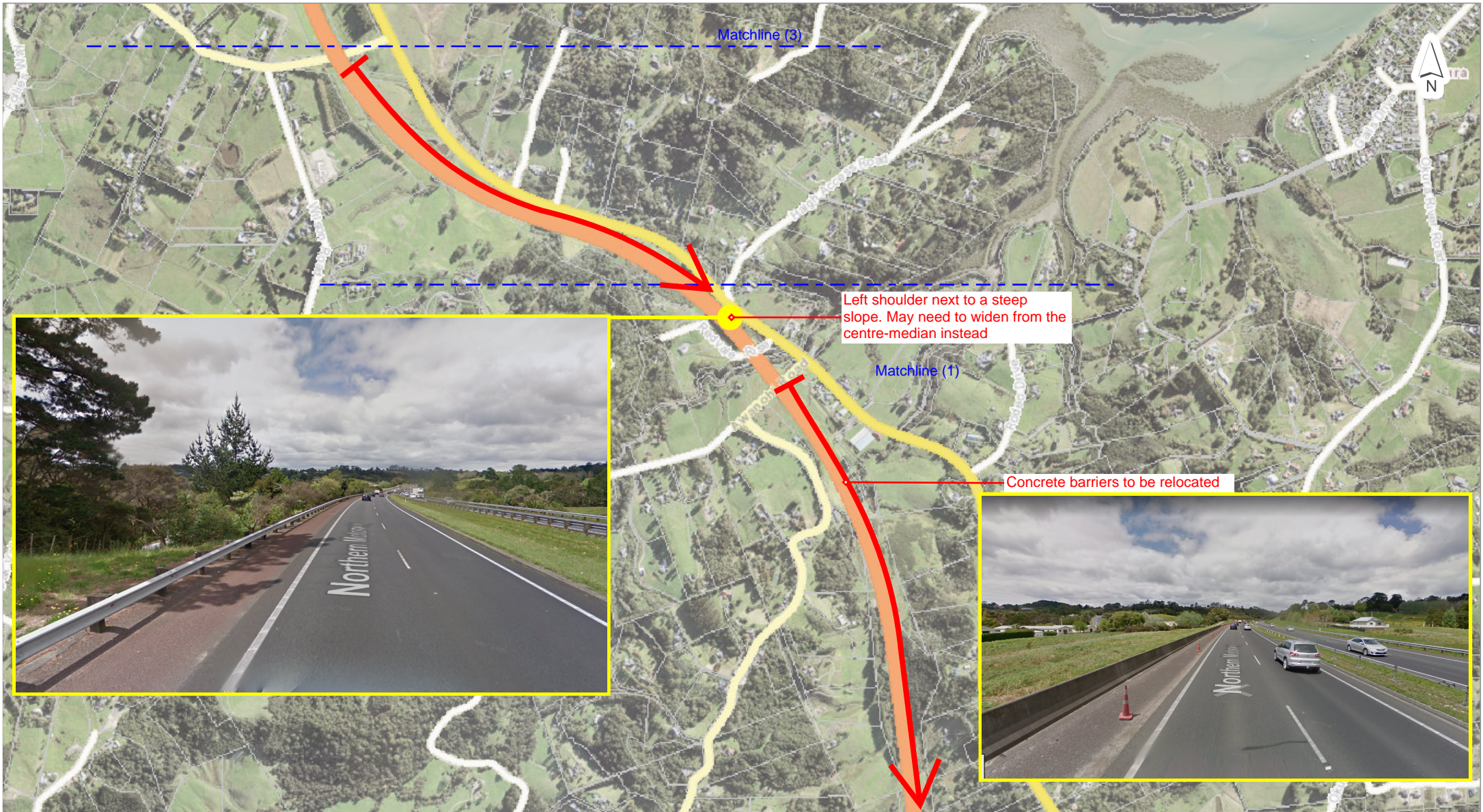
Albany to Silverdale Southbound (Sheet 2)



Scale @ A4 = 1:15,000

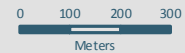
Date Printed: 26/06/2018





DISCLAIMER:
This map/plan is illustrative only and all information should be independently verified on site before taking any action.
Copyright Auckland Council. Land Parcel Boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

Albany to Silverdale Southbound (Sheet 3)



Scale @ A4
= 1:15,000

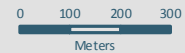
Date Printed:
26/06/2018





DISCLAIMER:
This map/plan is illustrative only and all information should be independently verified on site before taking any action.
Copyright Auckland Council. Land Parcel Boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

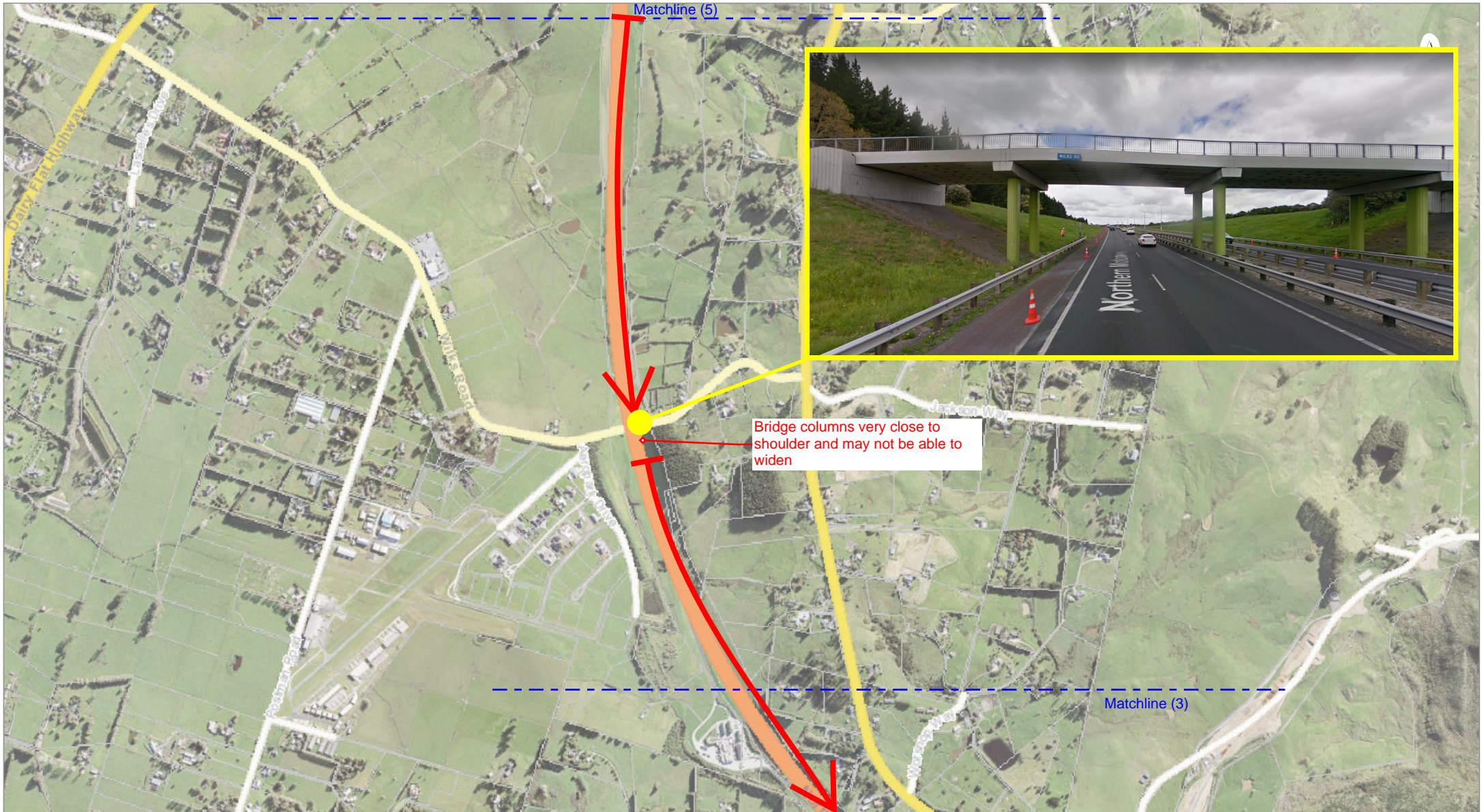
Albany to Silverdale Southbound (Sheet 4)



Scale @ A4
= 1:15,000

Date Printed:
26/06/2018





DISCLAIMER:
This map/plan is illustrative only and all information should be independently verified on site before taking any action.
Copyright Auckland Council. Land Parcel Boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

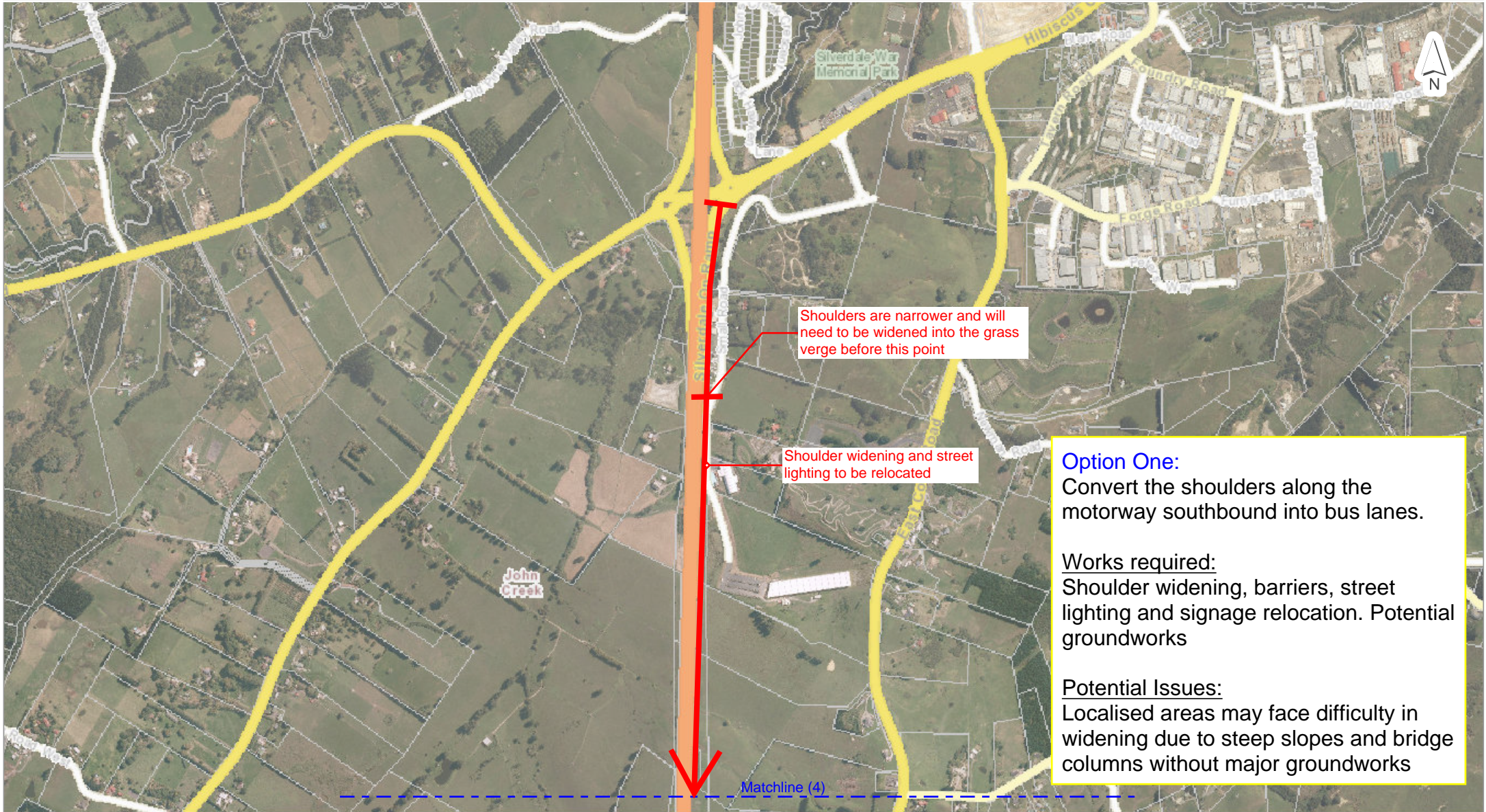
Albany to Silverdale Southbound (Sheet 5)



Scale @ A4
= 1:15,000

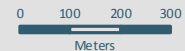
Date Printed:
26/06/2018





DISCLAIMER:
This map/plan is illustrative only and all information should be independently verified on site before taking any action.
Copyright Auckland Council. Land Parcel Boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

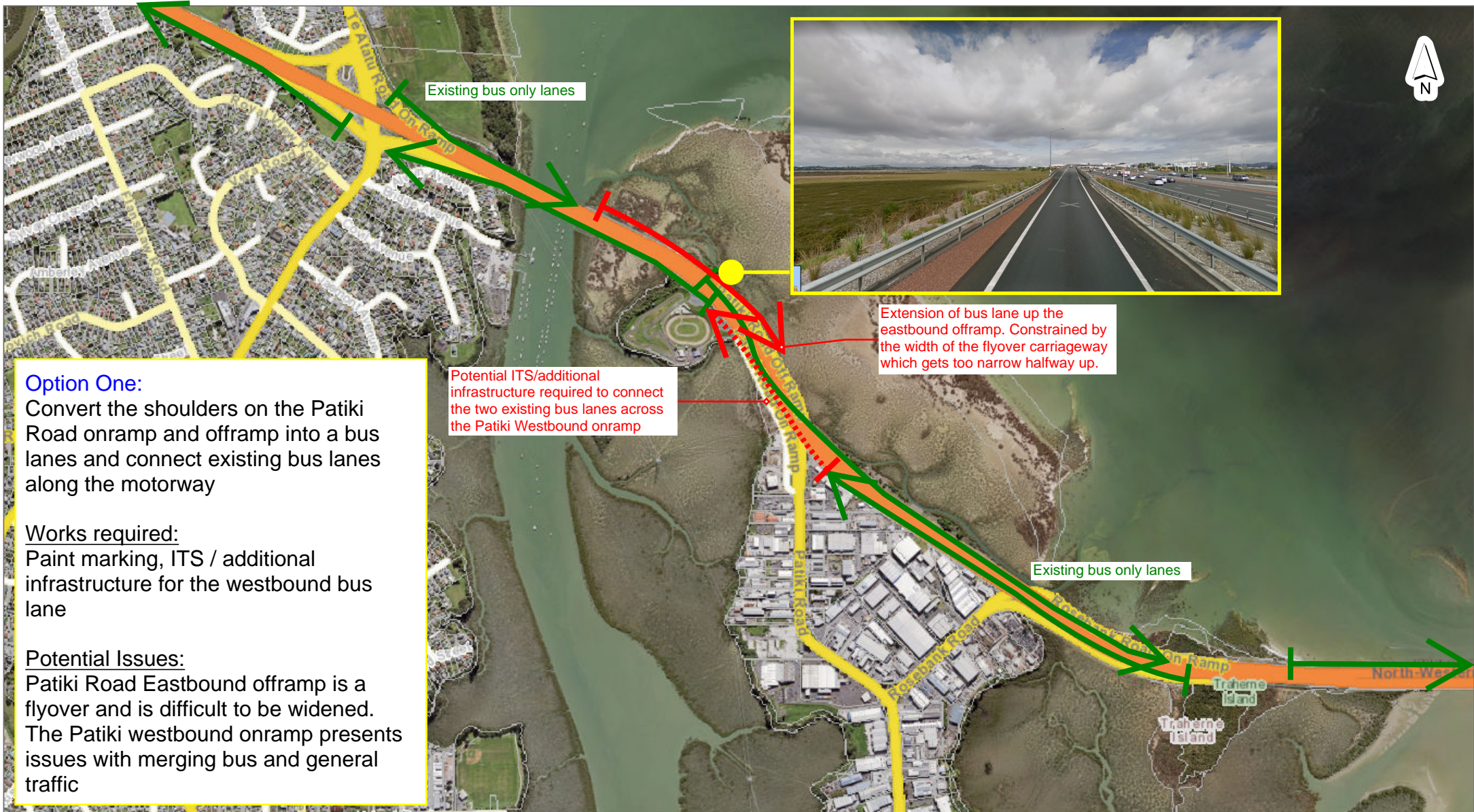
Albany to Silverdale Southbound
(Sheet 6)



Scale @ A4
= 1:15,000

Date Printed:
26/06/2018





Option One:

Convert the shoulders on the Patiki Road onramp and offramp into a bus lanes and connect existing bus lanes along the motorway

Works required:

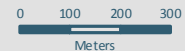
Paint marking, ITS / additional infrastructure for the westbound bus lane

Potential Issues:

Patiki Road Eastbound offramp is a flyover and is difficult to be widened. The Patiki westbound onramp presents issues with merging bus and general traffic

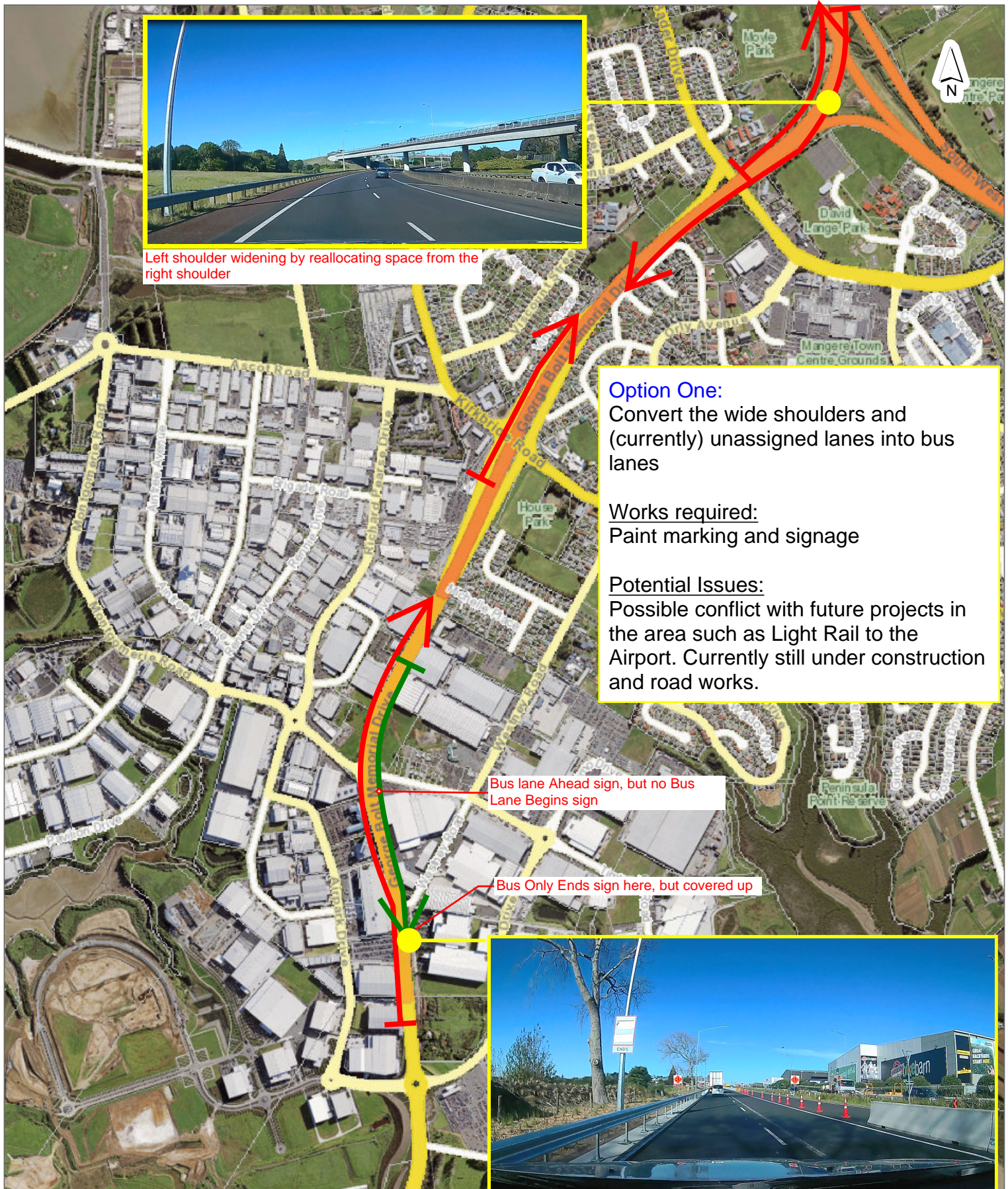
DISCLAIMER:
This map/plan is illustrative only and all information should be independently verified on site before taking any action.
Copyright Auckland Council. Land Parcel Boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

SH16 BB - Patiki Road to Te Atatu Road Interchange



Scale @ A4
= 1:15,000

Date Printed:
27/06/2018



DISCLAIMER:
 This map/plan is illustrative only and all information should be independently verified on site before taking any action. Copyright Auckland Council. Land Parcel Boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

SH20A Landing to SH20 intercha

0 75 150 225
 Metres

Scale @ A4
 = 1:15,000

Date Printed:
 27/06/2018



Auckland Council
 Te Kaitiaki o Tāmaki Makaurau