

**NOTES:**

- A** - Open new expressway with traffic using all four lanes and the SHI to Poplar Avenue OFF-Ramp changed from two way to one way OFF-Ramp. (From layout shown in M2PP-AEE-DWG-305)
- B** - Poplar Avenue traffic switched to new alignment from western roundabout to Leinster Avenue
- C** - Poplar Avenue connected to old SHI from eastern roundabout using the partially completed section of roundabout
- D** - Construction activities carried out behind barriers on the remaining section of the eastern roundabout and connection to old SHI
- E** - Temporary intersection formed from Poplar Avenue to old SHI
- F** - Temporary On-Ramp marked from Poplar Avenue to Expressway

**DETAILS:**

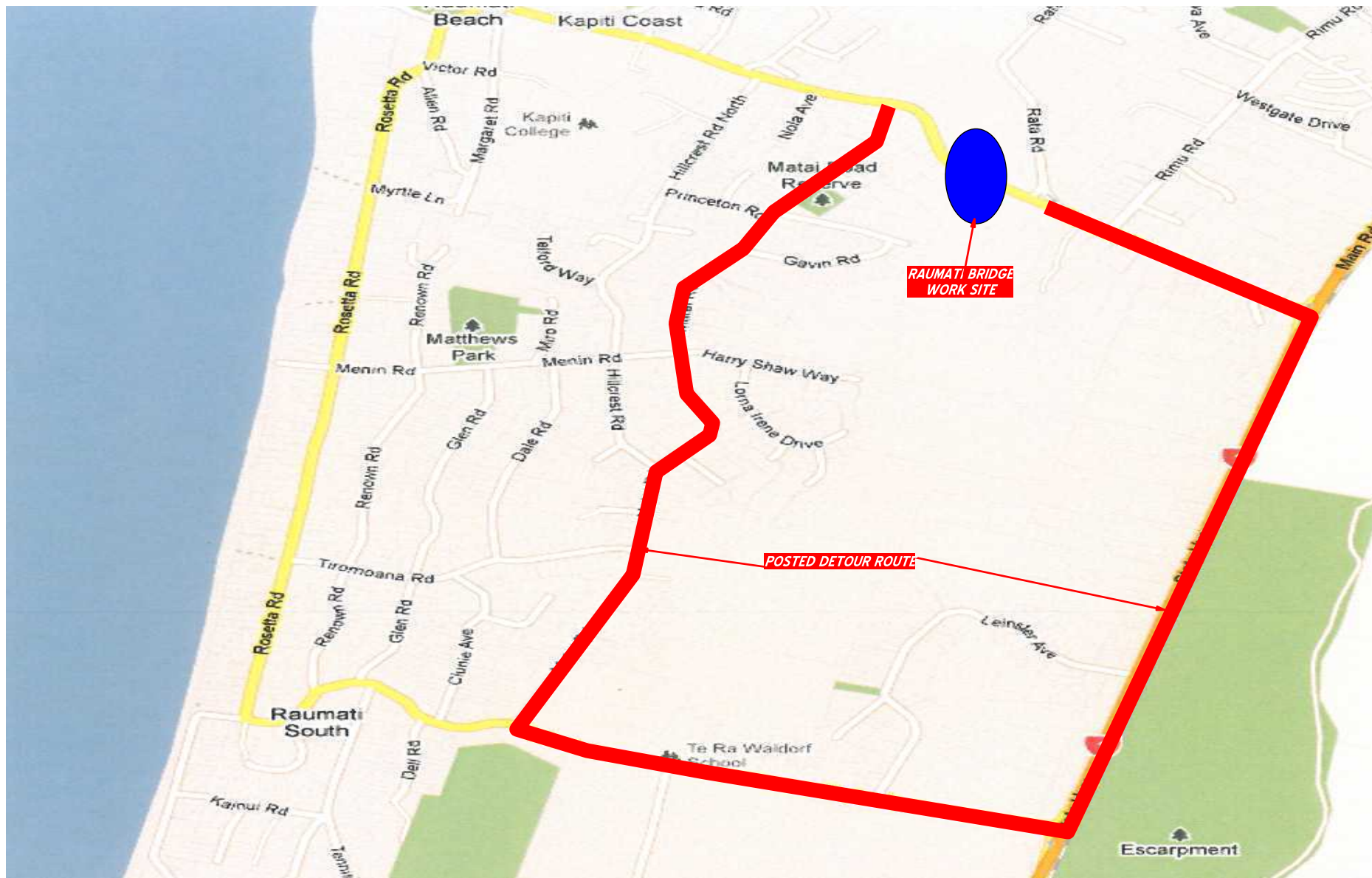
- Access to work site via existing/old section of SHI
- TM signage on Temporary road to Level 1 requirements
- Final tie-in to expressway carried out under discrete daytime lane closures

1	JAE LOOSEMENT	NN	15.03.12
Revision:	Author/Rev:	Approved:	Date:



<b>Project:</b> MACKAYS TO PEKA PEKA EXPRESSWAY	
<b>Title:</b> POPLAR AVENUE TEMPORARY TIE-IN TO STATE HIGHWAY ONE	
<b>FOR CONSENTING</b>	
Document ID: M2PP-AEE-DWG	Rev: 1
Drawing No: <b>CV-CM-304</b>	





**RAUMATI BRIDGE  
WORK SITE**

**POSTED DETOUR ROUTE**





<b>MACKAYS TO PEKA PEKA EXPRESSWAY</b>	
Title: RAUMATI ROAD CROSSING DETOUR ROUTE	
Project: FOR CONSENTING	
Document ID: MPP-ASE-ENG	Rev: 1
Drawing No: CV-CM-306	1



VIEW  
FROM  
IHAKARA  
STREET  
TO SITE

Site Access  
Direct From  
End of Street

**NOTES:**

- **A** - Site access via SHI onto Ihakara Street and across open space to site (Using formed access track)
- **B** - Southern abutment and embankment for Wharemauku Stream Bridge, all access from Ihakara Street
- **C** - Wharemauku Stream Bridge north abutment, all access from Kapiti Road using expressway formation

**DETAILS:**

- Access for pedestrians and cyclists on the walkway track will be maintained at all times with a route formed around the work area including a temporary crossing of the stream if necessary.



ACCESS FROM KAPITI ROAD

CYCLE AND WALKING TRACK

WHAREMAUKU STREAM

CL 5.600

RIMU ROAD

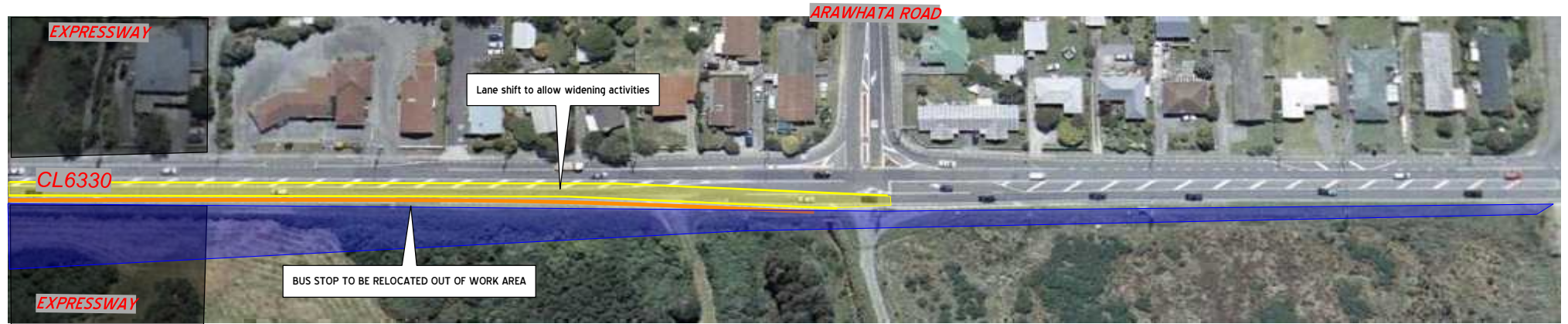
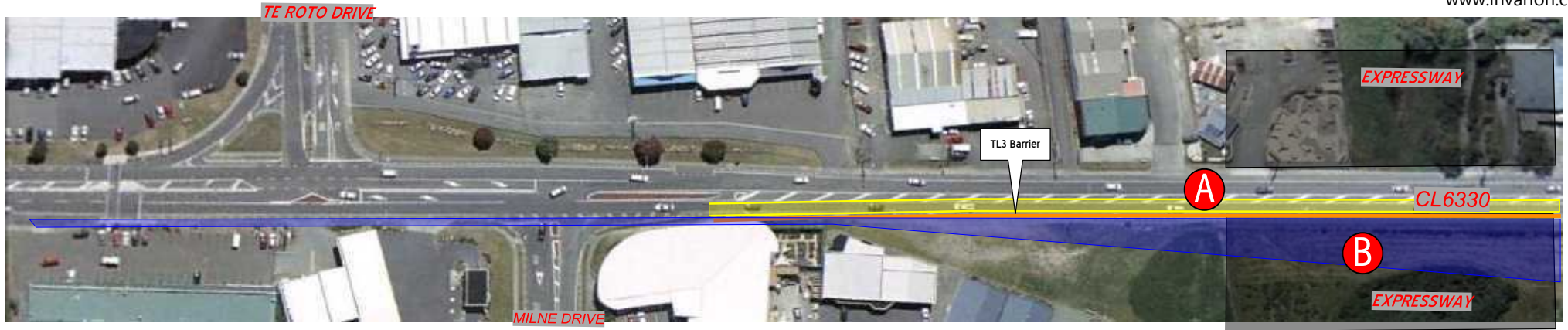
IHAKARA STREET

Rimu Rd

Project: <b>MACKAYS TO PEKA PEKA EXPRESSWAY</b>	
Title: WHAREMAUKU STREAM BRIDGE SITE ACCESS FROM IHAKARA STREET	FOR CONSENTING
Document ID: M2PP-AEES-0703	Rev: 1
Drawing No: <b>CV-CM-307</b>	



1	AES LOCUMENT	NEW	15.03.12
Revision:	Authoriser:	Approver:	Date:

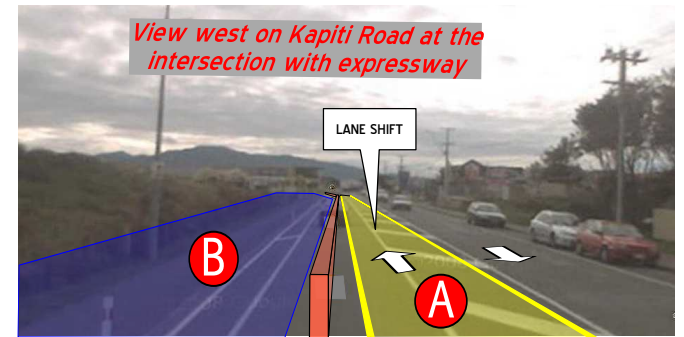


NOTES:

- A - West bound lane shifted north into flush median from Arawhata Road to Milne Drive to provide space for pedestrians and cyclists and allowing for truck movements into and out of site access points
- B - Widening works and part of Kapiti Road reconstruction carried out behind TL3 Barriers

DETAILS:

- Pedestrians and cyclists will be considered in TMP layouts with dedicated paths applied
- All TM at this work site to be applied to CoPTTM Level 1 requirements

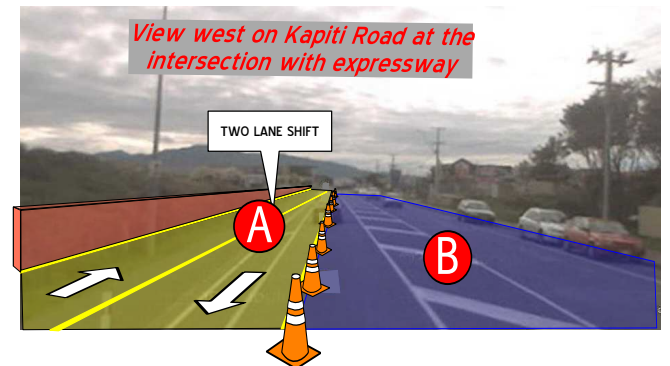
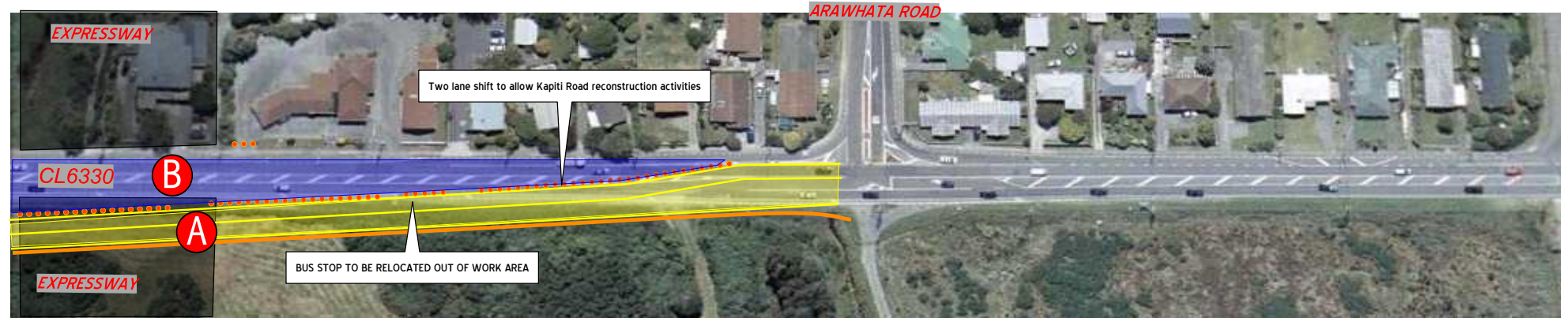






Project:	<b>MACKAYS TO PEKA PEKA EXPRESSWAY</b>		
Title:	KAPITI ROAD INTERCHANGE STAGE ONE		
	<b>FOR CONSENTING</b>		Rev:
	Document ID: KAP1-ABC123		
	Drawing No: CV-CM-308		1





**NOTES:**

- A** - Two lanes shifted south onto completed widening between Arawhata Road and Milne Drive to provide space for pedestrians, cyclists and for trucks turning into and out of site.
- B** - Area of Kapiti Road to be reconstructed free of traffic. Access to local industry and properties along the northern side of Kapiti Road to be accommodated through the work site

**DETAILS:**

- Pedestrians and cyclists will be considered in TMP layouts with dedicated paths applied
- All TM at this work site to be applied to CoPTM Level 1 requirements


1	AET LOGGEMENT		NEW	15.03.12	
Revision:	Description:	Author:	Approved:	Date:	

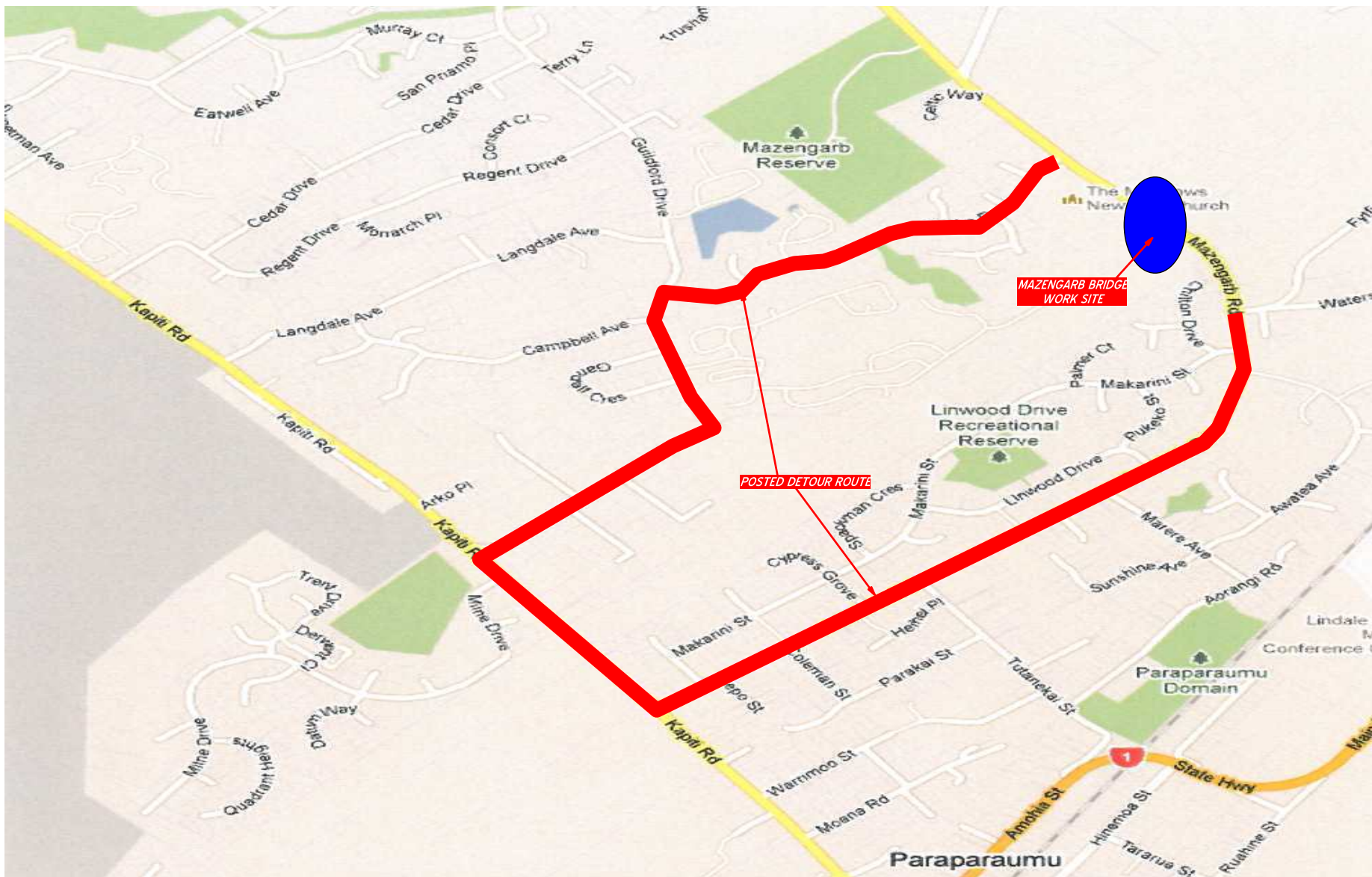


Project: <b>MACKAYS TO PEKA PEKA EXPRESSWAY</b>		
Title: KAPITI ROAD INTERCHANGE STAGE TWO		
FOR CONSENTING		
Document ID: MOPR-ABE-0240	Rev:	
Drawing No: CV-CM-309		1









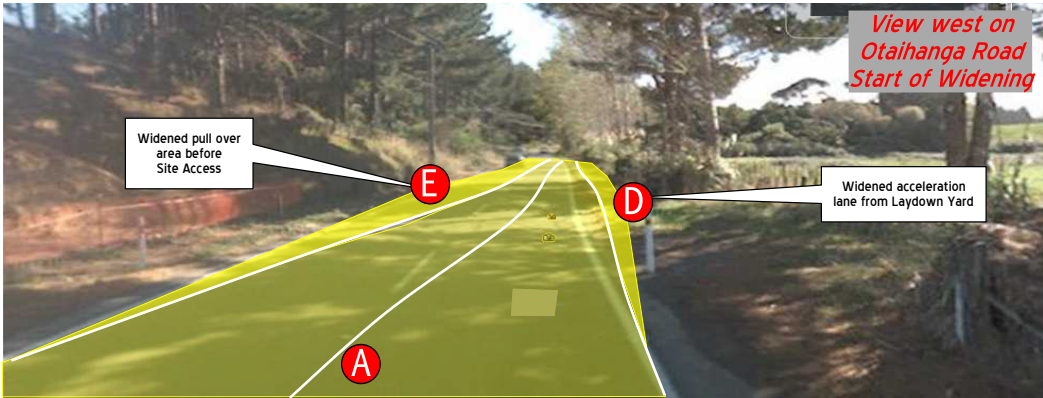
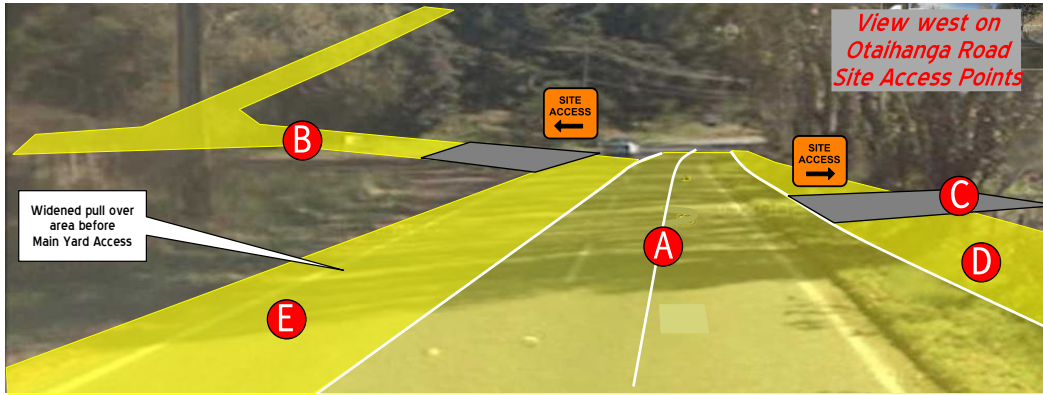
MAZENGARB BRIDGE WORK SITE

POSTED DETOUR ROUTE


Revision	Description	By	Date
1	ASL LODGEMENT	NEN	15.03.12

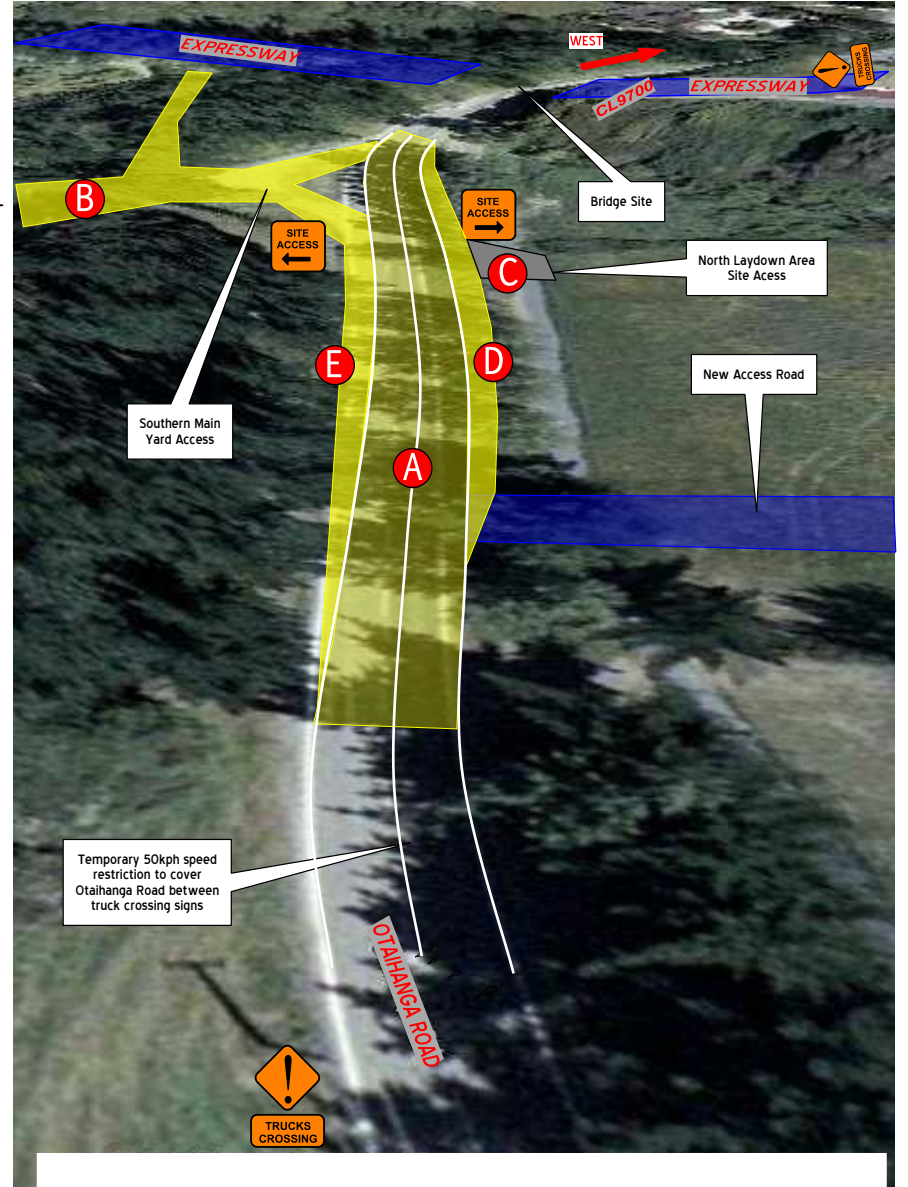


<b>MACKAYS TO PEKA PEKA EXPRESSWAY</b>		FOR CONSENTING	
Title: MAZENGARB ROAD RECONSTRUCTION DETOUR ROUTE		Document ID: 1427P-ASL-DRWG	Rev: 1
Project: MACKAYS TO PEKA PEKA EXPRESSWAY		Drawing No: CV-CM-313	1



**NOTES:**

- A** - Existing lanes shifted to the north onto temporary widened pavement to provide for pull off shoulders either side of Otaihanga Road
- B** - Southern Main Yard access will be from Otaihanga Road through the existing pull off area east of the bridge site
- C** - Northern site access will be from Otaihanga Road through a temporary access into a laydown yard established for the bridge construction
- D** - Additional widening provided for an acceleration lane leaving the laydown area
- E** - Additional shoulder widening will be constructed to provide width to pull over prior to turning into the Main Site Access and to allow vehicles to be underpassed when turning right into the new accessway or lay down area on the northern side of Otaihanga Road.





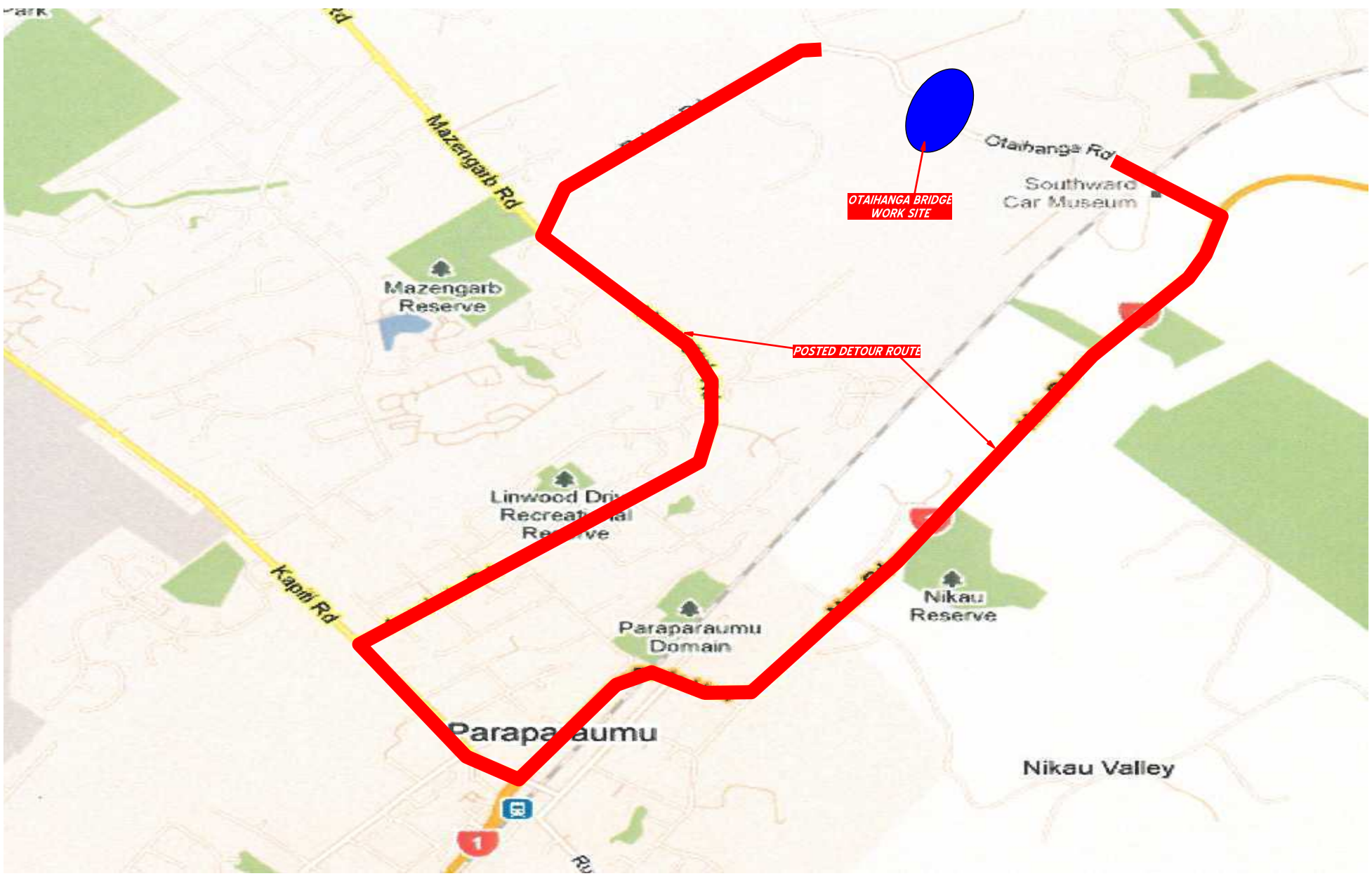


**NZ TRANSPORT AGENCY**  
WAKA KOTAHAI

**Project:** MACKAYS TO PEKA PEKA EXPRESSWAY  
**Title:** OTAIHANGA ROAD CROSSING ACCESS TO SITE

**FOR CONSENTING**

Document ID: MPP ASE-ENG	Rev:
Drawing No: CV-CM-314	1







Project: <b>MACKAYS TO PEKA PEKA EXPRESSWAY</b>	
Title: <b>OTAIHANGA ROAD CROSSING DETOUR ROUTE</b>	
FOR CONSENTING	
Document ID: MOPP-ASE-0393	Rev: 1
Drawing No: <b>CV-CM-315</b>	



NOTES:

- A - Waikanae River Bridge crossing
- B - Expressway route to Otaihanga Road used as access to southern abutment for all vehicles
- C - Expressway route to Te Moana Road used as access to northern abutment for all vehicles

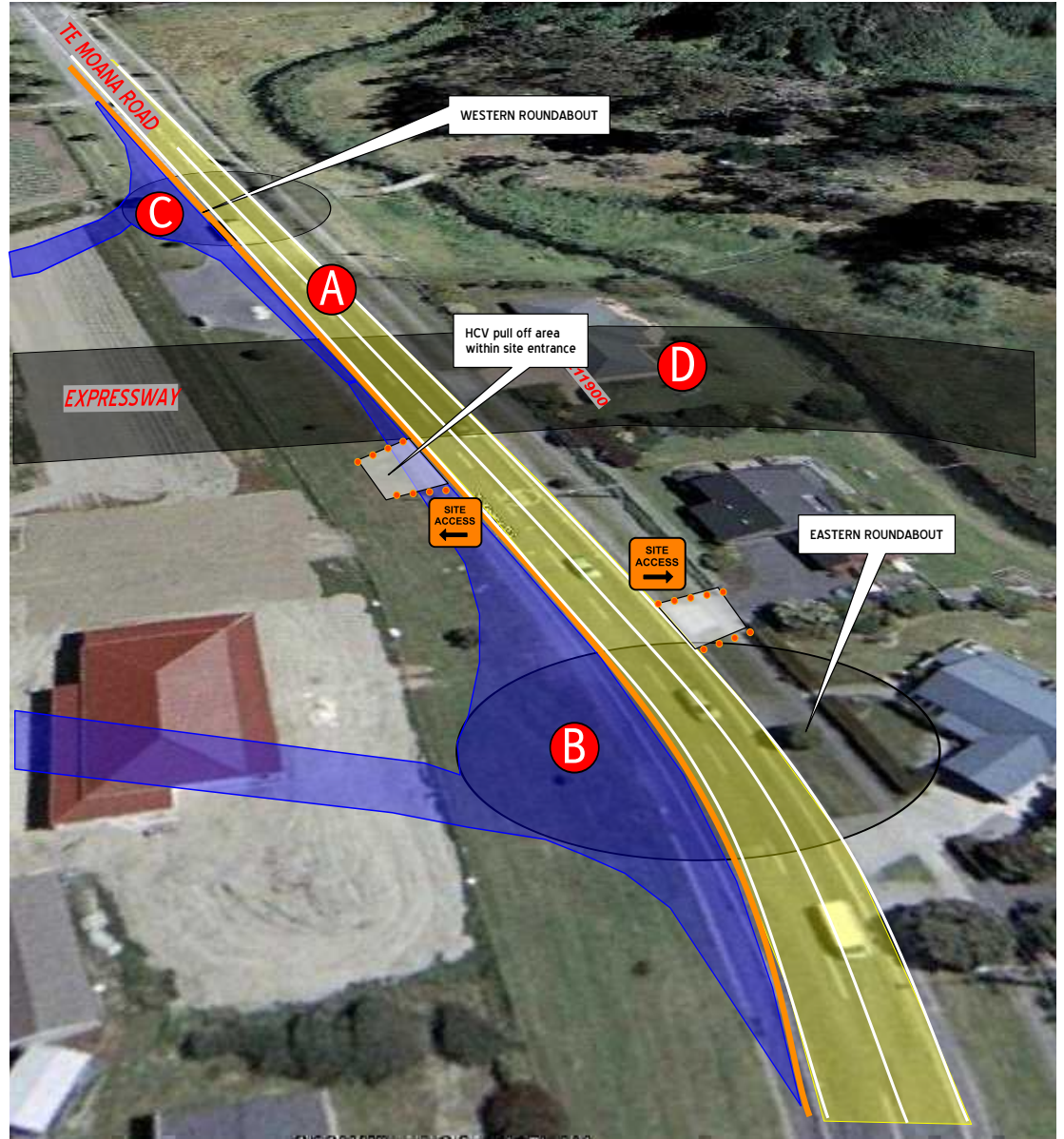
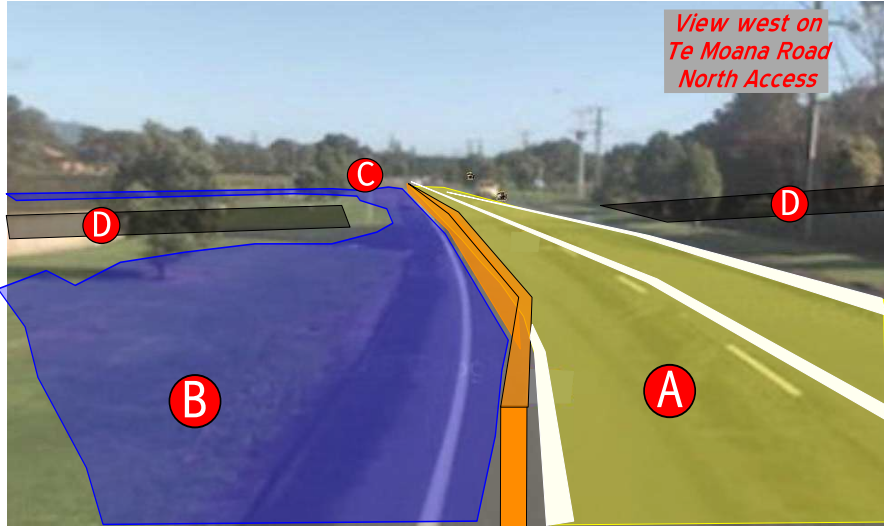
REFER TO CV-CM-500-508 FOR DETAILED PLANS OF FOOTPATH DIVERSIONS


Revision	Description	By	Date
1	ACE LOGGEMENT	NIN	15.03.12


**NZ TRANSPORT AGENCY**  
 WAKA KOTAHĪ

**Project:** MACKAYS TO PEKA PEKA EXPRESSWAY  
**Title:** WAIKANAĒ RIVER BRIDGE ACCESS TO SITE  
**FOR CONSENTING**  
 Document ID: M2PP-AJES-0182  
 Drawing No: **CV-CM-316**  
 Rev: **1**





NOTES:

- A - The existing lanes on Te Moana Road will be reduced to 3.2 metres and moved as far to the north of the existing carriageway to provide space for construction activities
- B - Eastern roundabout south side completed and tied into existing pavement with as much new pavement as possible while maintaining traffic on north side of Te Moana Road
- C - Western roundabout south side completed as described in the eastern roundabout above
- D - Expressway location

DETAILS:

- Barriers will be used to isolate traffic from work site
- Site access will be from Te Moana Road at the crossing location of the new expressway route.
- All TM established to Level 1 CoPTM requirements


Revision	Description	Date	Author	Approver	Date	Status	Notes
1	AEI LOGGEMENT		NEN		15/01/22		

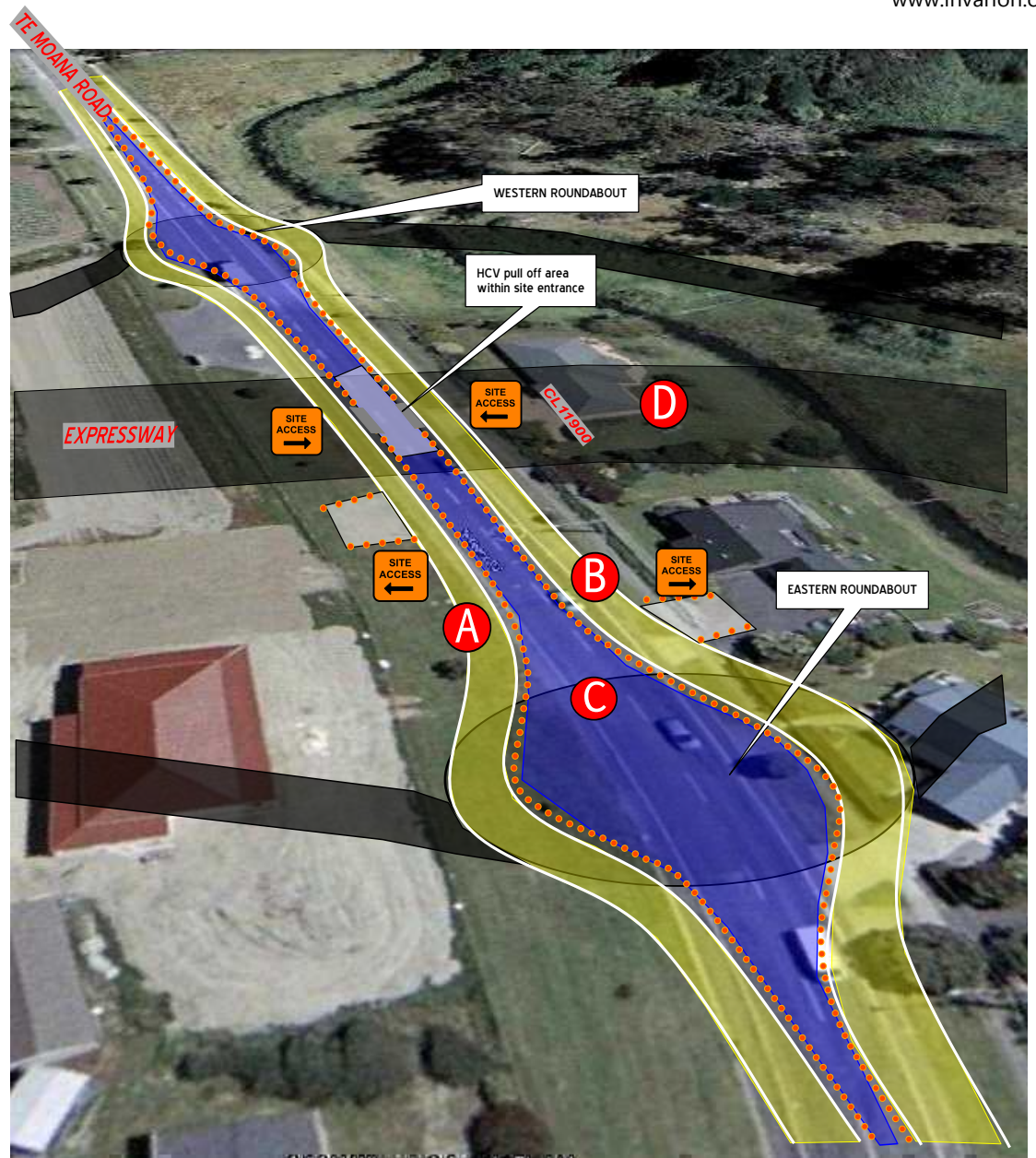
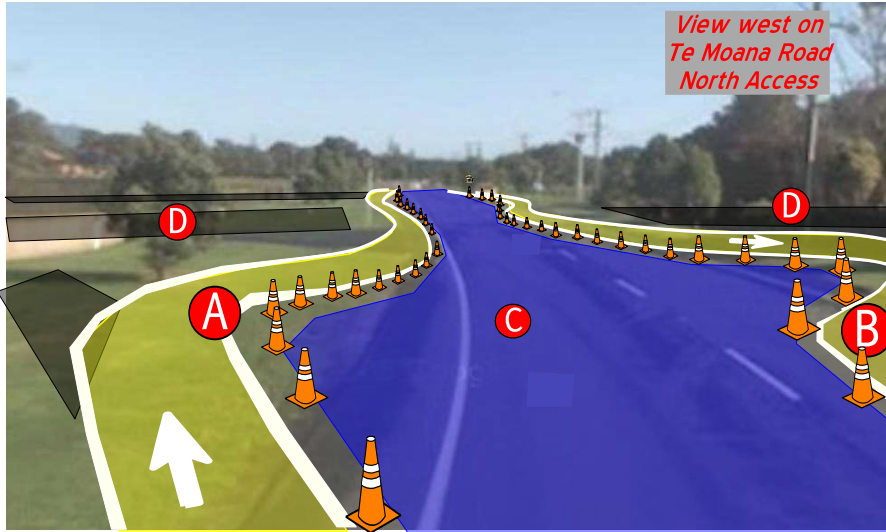
NZ TRANSPORT AGENCY  
WAKA KOTAHAI

**Project:** MACKAYS TO PEKA PEKA EXPRESSWAY

**Title:** TE MOANA ROAD INTERCHANGE STAGE ONE

FOR CONSENTING	
Document ID: 1609-AEE-0240	Rev: 1
CV-CM-317	





NOTES:

- A** - West bound lane remains to the south of the roundabouts
- B** - East bound lane remains to the north of the roundabouts
- C** - Centre Islands and final pavement completed in the centre of the road
- D** - Expressway location

DETAILS:

- Cones will be used to isolate traffic from work site
- Site access will be from Te Moana Road at the crossing location of the new expressway route.
- All TM on this site established to CoPTTM Level 1

1	AGE LOGGEMENT	NIN	15.03.12
Revision:	Amendment:	Approved:	Date:



Project: <b>MACKAYS TO PEKA PEKA EXPRESSWAY</b>	
Title: TE MOANA ROAD INTERCHANGE STAGE THREE	
FOR CONSENTING	
Document ID: MOPR-AGE-0203	Rev: 1
Drawing No: <b>CV-CM-319</b>	



DETOUR AROUND ON/OFF RAMP DURING THE INSTALLATION OF THE BRIDGE BEAMS

WAIKANE NORTH BRIDGE ABUTMENT WILL BE ACCESSED FROM THIS SECTION OF THE EXPRESSWAY (off Mazengarb Road)

CL11800

OTAIHANGA BRIDGE WORK SITE

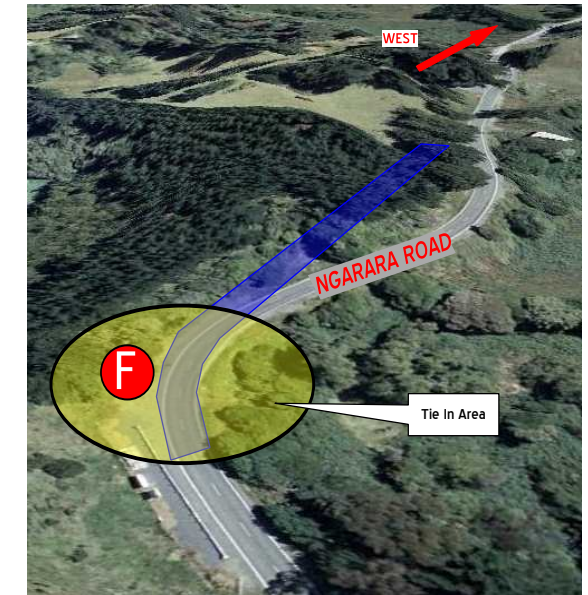
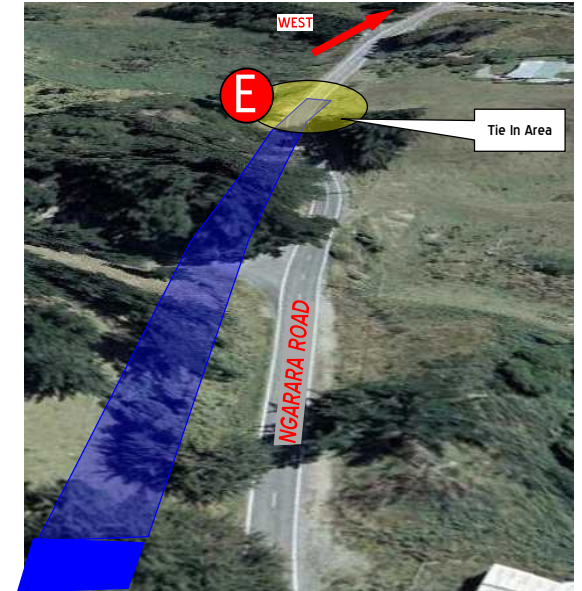
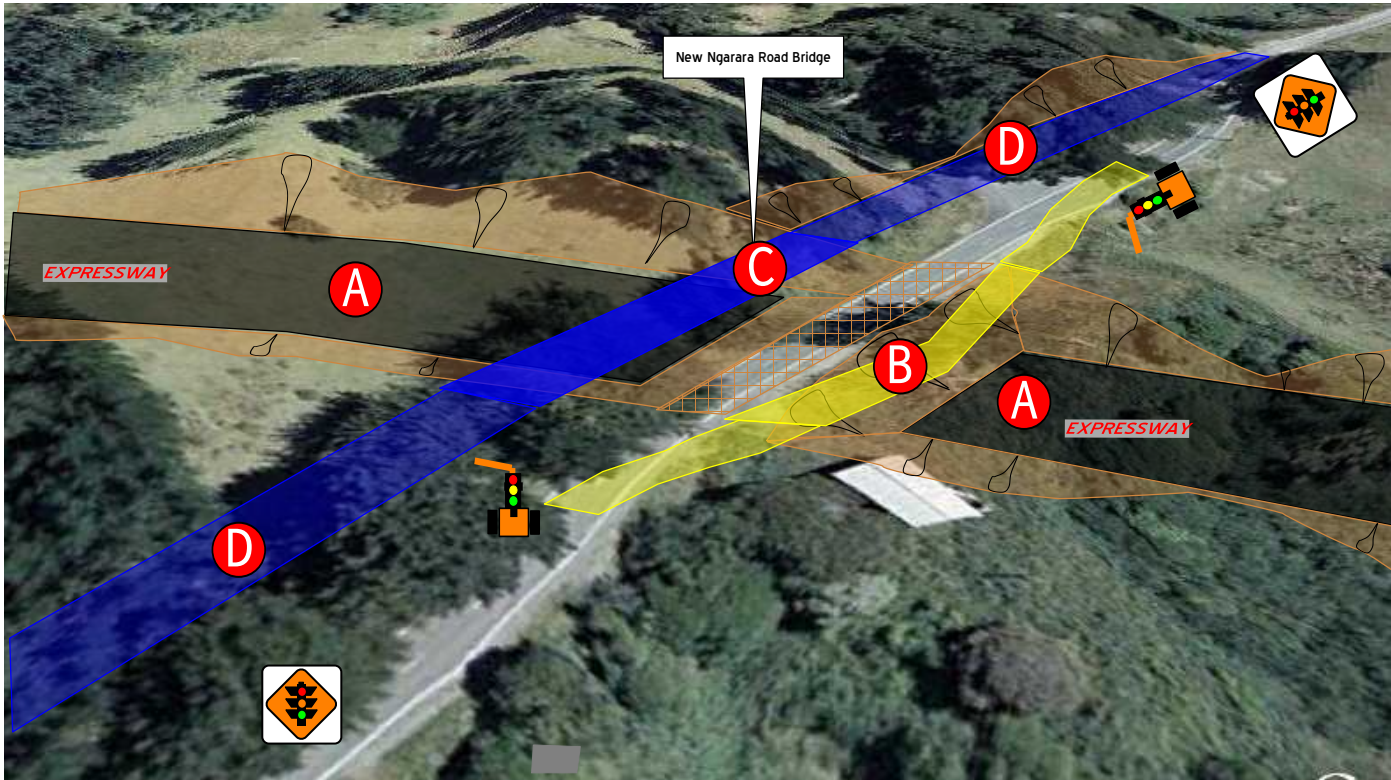
Te Moana Road





<b>Project:</b> MACKAYS TO PEKA PEKA EXPRESSWAY  <b>Title:</b> TE MOANA ROAD INTERCHANGE DETOUR ROUTE			<b>FOR CONSENTING</b> Document ID: M2PP_AISE_C203 Drawing No: CV-CM-320 Rev: 1		
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**NOTES:**

- A** - Expressway route
- B** - Temporary single lane constructed adjacent to the existing Ngarara Road with temporary traffic signals
- C** - New bridge over expressway constructed from the expressway formation levels. excavation require the bailey bridge to be operating before to enable the existing road to be cut and access under the bailey bridge to be established
- D** - Approach road to the bridge completed either side of new bridge approach ramps constructed and traffic signals installed each end of the bridge
- E** - Western tie-in to Ngarara Road carried out under discrete TMP during daytime Traffic managed with STOP GO operation
- F** - Eastern tie-in to Ngarara Road completed the same as western tie-in

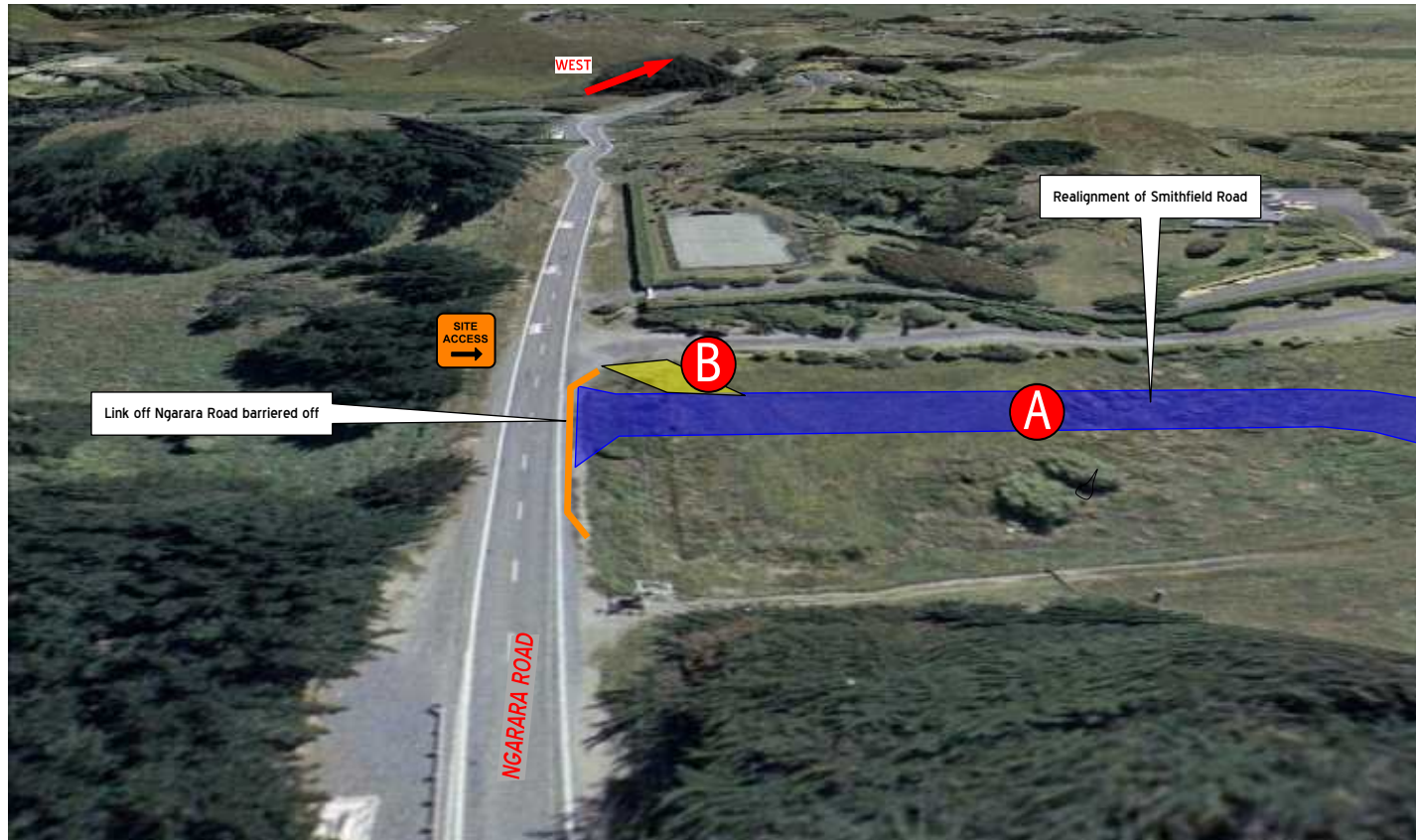
**DETAILS:**

- The TM for this site will be established to Level 1 CoPTM requirements





Project: <b>MACKAYS TO PEKA PEKA EXPRESSWAY</b>		
Title: NGARARA ROAD CROSSING STAGE TWO		
FOR CONSENTING		
Document ID: M3PP A&E 0018	Rev:	1
Drawing No: CV-CM-322		1



NOTES:

- Ⓐ - Smithfield Road New Alignment
- Ⓑ - Site Access of existing entranceway

DETAILS:

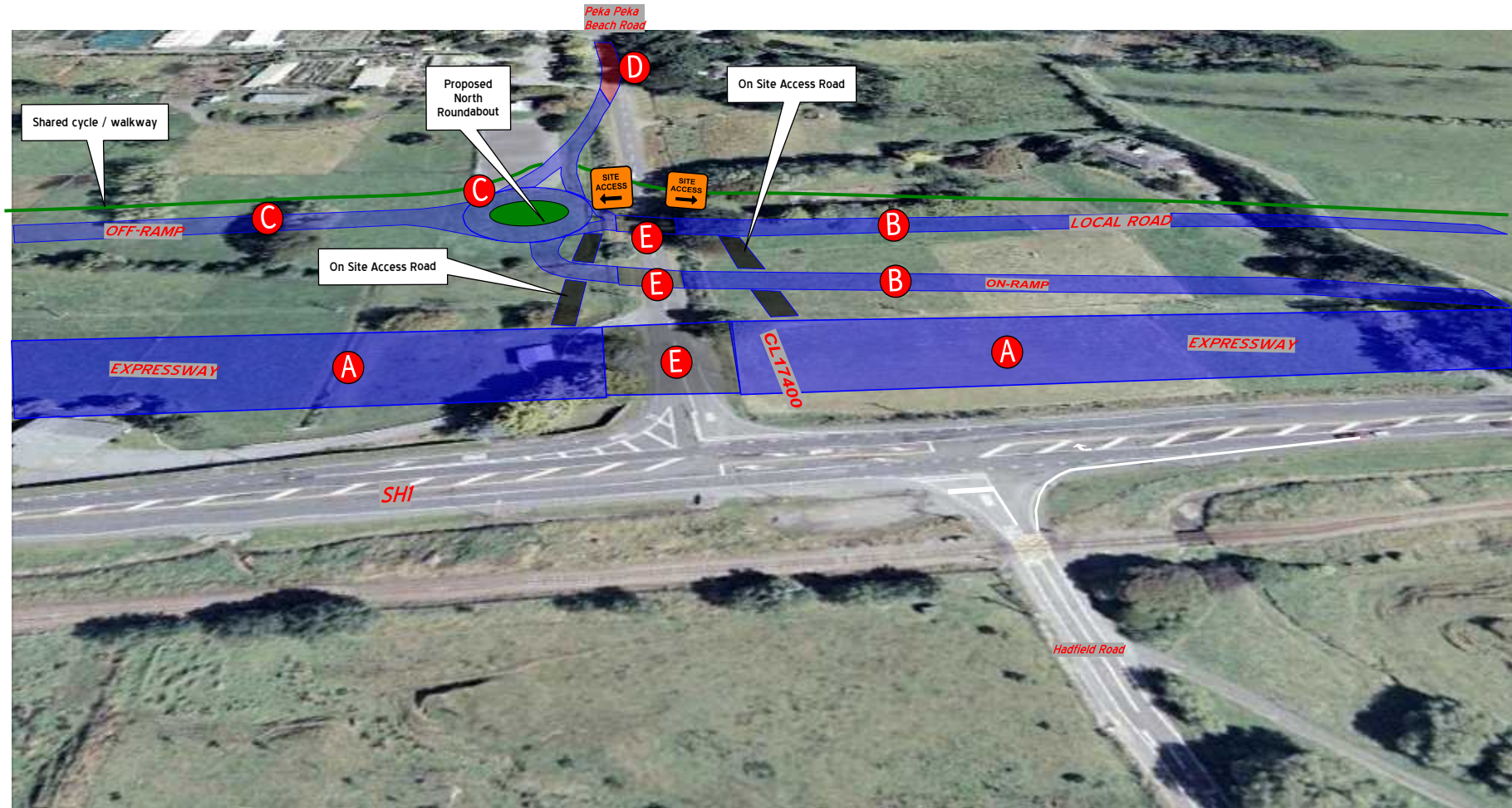
- The TM for this site will be established to Level 1 CoPTM requirements
- Final pavement works to tie into Ngarara Road will be carried out under discrete daytime TM

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1	ASL LOSSEMENT		NIN	15.0312	
Revision:	Author/Date:		Approved:	Date:	



<b>Project:</b> MACKAYS TO PEKA PEKA EXPRESSWAY	
<b>Title:</b> NGARARA ROAD CROSSING STAGE THREE	<b>FOR CONSENTING</b>
Document ID: M2PP-AEIS-0163	Rev: 1
Drawing No: CV-CM-323	1



**NOTES:**

- A** - Expressway constructed either side of Peka Peka Road
- B** - New road connections north of Peka Peka Road completed
- C** - North Roundabout and OFF-Ramp completed south of Peka Peka Road
- D** - Tie-in to Peka Peka Road on the approach to the roundabout completed under discrete TM moving the traffic away from work activities, following the establishment of the temporary access to SH1 from the southern round-a-bout, refer drawing M2PP-AEE-DWG-CV-CM-325
- E** - The three areas which cross the existing Peka Peka Road to be constructed with traffic diverted onto the OFF-Ramp "C" and using the temporary intersection from the southern round-a-bout to access SH1

**DETAILS:**

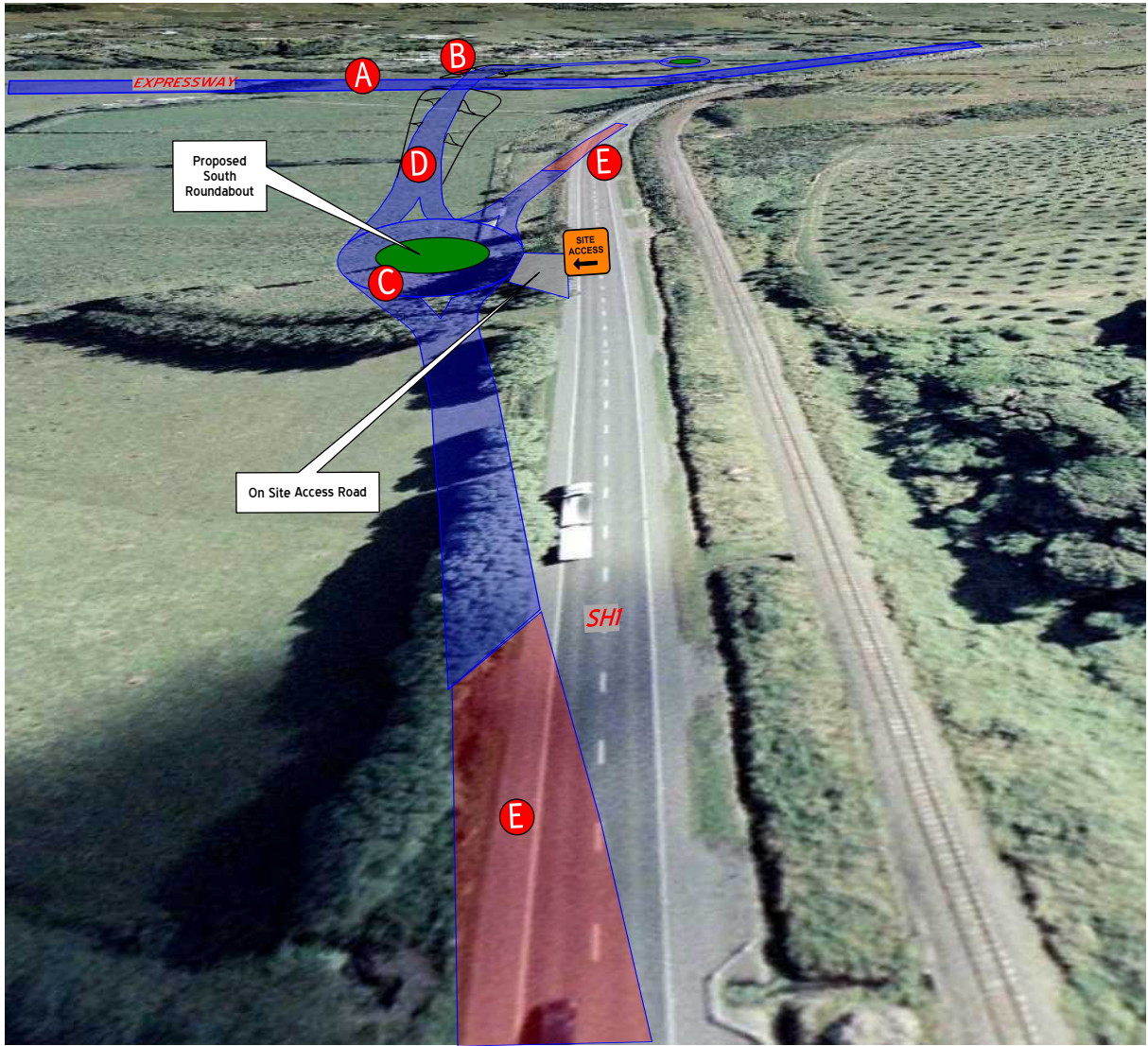
- All site access off Peka Peka Road at the nominated locations with internal access roads to each construction zone area from these access points
- All signage to Level Two CoPTTM requirements





Project: <b>MACKAYS TO PEKA PEKA EXPRESSWAY</b>		
Title: PEKA PEKA INTERCHANGE STAGE ONE		
FOR CONSENTING		Rev:
Document ID: M2PP-AEE-DWG	Drawing No: CV-CM-324	1



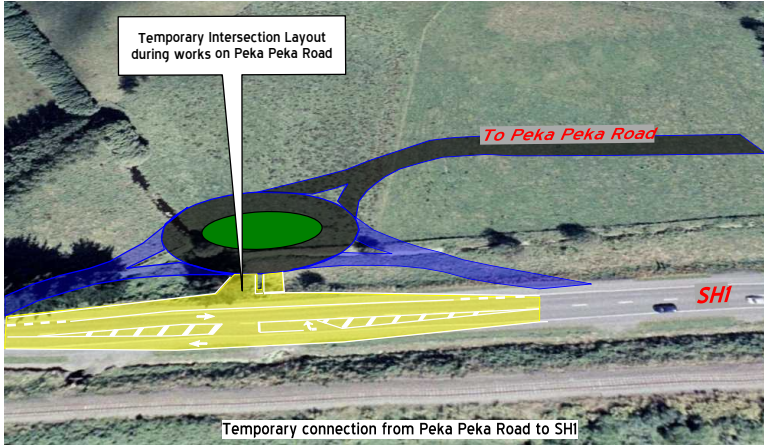


NOTES:

- A - Expressway completed through to Peka Peka Road
- B - New bridge constructed over expressway, access from Peka Peka Road
- C - South Roundabout and approach ramps completed outside of State Highway One lanes and shoulders with access off the State Highway
- D - Construction of road between roundabouts either side of new over bridge completed with access from Peka Peka Road and the State Highway
- E - Final tie-in to State Highway One after expressway is opened staged to ensure access is maintained for traffic on the old road.

DETAILS:

- All site access off Peka Peka Road at the nominated locations or from State Highway One as shown
- All signage to Level Two CoPTM requirements
- TL3 barriers to be used to separate working space from live lanes



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1	A&E LOGGMENT	NIN	15.03.12
Revision:	Description:	Approved:	Date:



<b>Project: MACKAYS TO PEKA PEKA EXPRESSWAY</b>	
Title: PEKA PEKA INTERCHANGE STAGE TWO	
<b>FOR CONSENTING</b>	
Document ID: 14229-ARE-0246	Rev: 1
Drawing No: <b>CV-CM-325</b>	

