



ORIGINAL SIZE A1

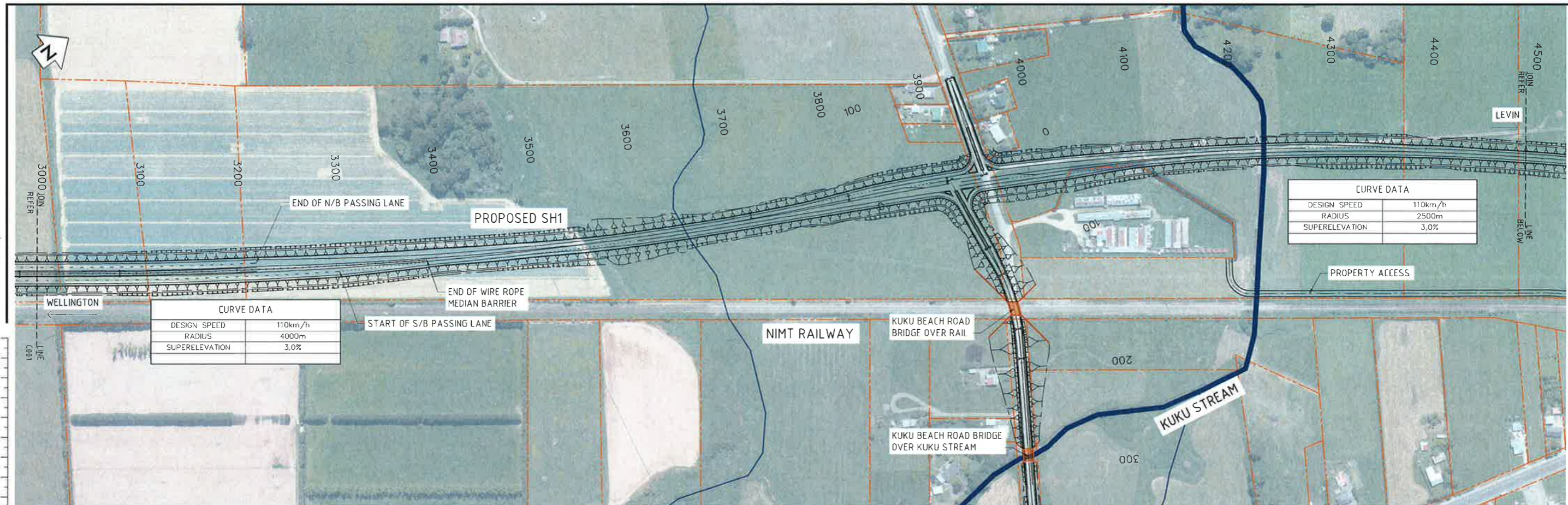
NOT FOR CONSTRUCTION

REV	DESCRIPTION	DATE	BY	CHK	APP
A	PRELIMINARY	25/11/13	GC	PP	PP
	REVISIONS		DBN	ENK	APP

SURVEYED	-	-
DESIGNED	G. CORIN	11/13
DRAWN	G. CORIN	11/13
CAD REVIEW	-	-
DESIGN CHECK	P. PEET	11/13
DESIGN REVIEW	M. OPPENHUIS	11/13
APPROVED	P. PEET	11/13
PROF REGISTRATION:	-	-

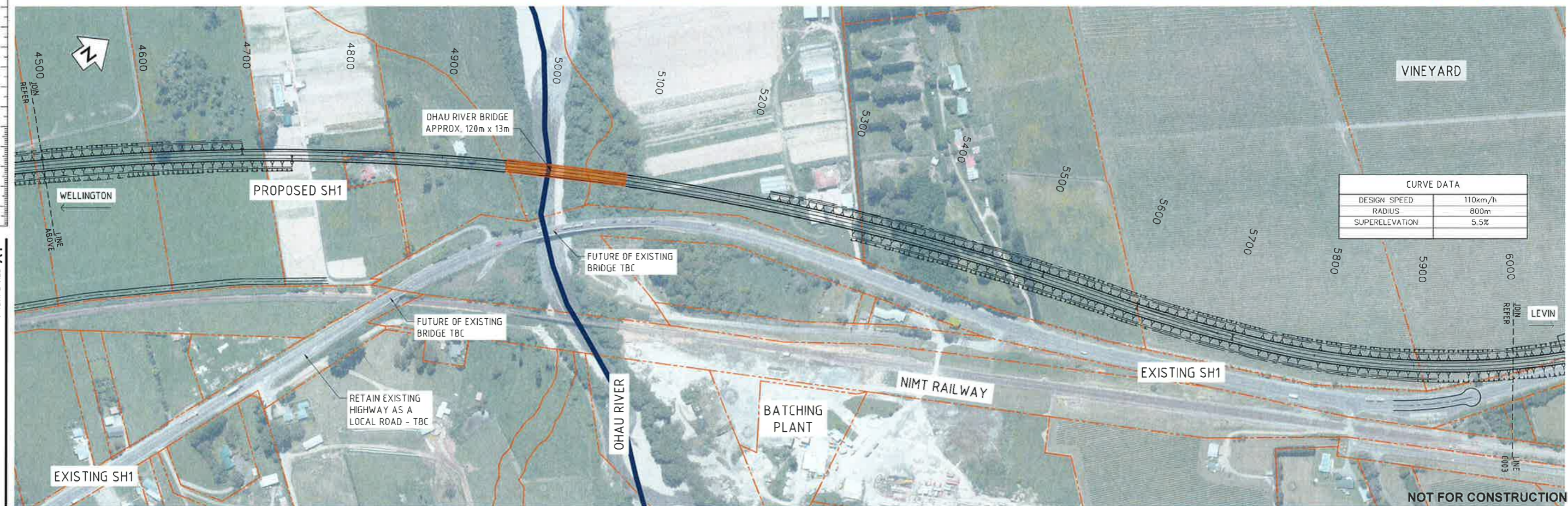
NZ TRANSPORT AGENCY
 SH1: OTAKI TO NORTH OF LEVIN RONS: SCOPING OPTIONS
 SH1 SH57 BIFURCATION: OPTION 3C
 LAYOUT PLAN

Status Stamp	PRELIMINARY
Date Stamp	25 NOVEMBER 2013
Scale	1:2000 (A1); 1:4000 (A3)
Drawing No	80500902-05-003-C001
Rev	A



CURVE DATA	
DESIGN SPEED	110km/h
RADIUS	4000m
SUPERELEVATION	3.0%

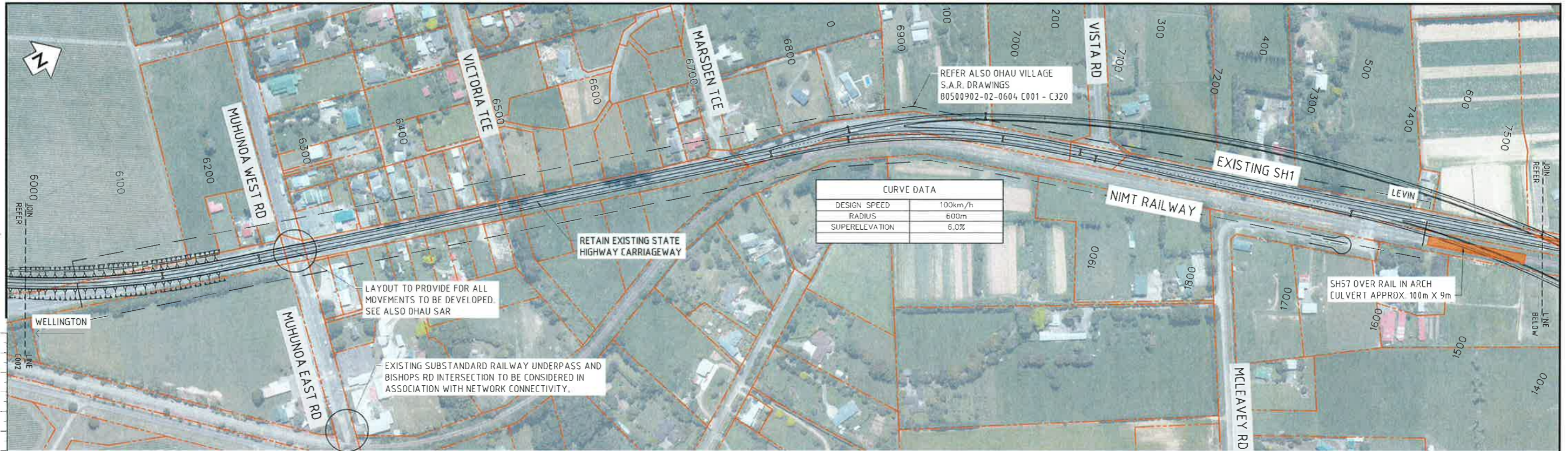
CURVE DATA	
DESIGN SPEED	110km/h
RADIUS	2500m
SUPERELEVATION	3.0%



CURVE DATA	
DESIGN SPEED	110km/h
RADIUS	800m
SUPERELEVATION	5.5%

ORIGINAL SIZE A1 DO NOT SCALE - IF IN DOUBT, ASK 250mm 0 10 20 30 40 50 60 70 80 90 100	SURVEYED DESIGNED DRAWN CAD REVIEW DESIGN CHECK DESIGN REVIEW APPROVED	G. CORIN G. CORIN P. PEET M. OPPENHUIS P. PEET	11/13 11/13 11/13 11/13 11/13		NZ TRANSPORT AGENCY SH1: OTAKI TO NORTH OF LEVIN RONS: SCOPING OPTIONS SH1 SH57 BIFURCATION: OPTION 3C LAYOUT PLAN	Status Stamp PRELIMINARY
	PRELIMINARY REVISIONS DATE: 25/11/13	Date Stamp 25 NOVEMBER 2013	Scale: 1:2000 (A1), 1:4000 (A3)			

THESE DRAWINGS SHALL ONLY BE USED FOR THE PURPOSE FOR WHICH THEY WERE SUPPLIED. ANY RE-USE IS PROHIBITED AND NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR DISTRIBUTED WITHOUT THE WRITTEN PERMISSION OF MWH LTD.



<table border="1"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>PRELIMINARY</td> <td>25/11/13</td> </tr> </tbody> </table>			REV	DESCRIPTION	DATE	A	PRELIMINARY	25/11/13	<table border="1"> <tbody> <tr> <td>SURVEYED</td> <td>-</td> <td>-</td> </tr> <tr> <td>DESIGNED</td> <td>G. CORIN</td> <td>11/13</td> </tr> <tr> <td>DRAWN</td> <td>G. CORIN</td> <td>11/13</td> </tr> <tr> <td>CAD REVIEW</td> <td>-</td> <td>-</td> </tr> <tr> <td>DESIGN CHECK</td> <td>P. PEET</td> <td>11/13</td> </tr> <tr> <td>DESIGN REVIEW</td> <td>M. OPPENHUIS</td> <td>11/13</td> </tr> <tr> <td>APPROVED</td> <td>P. PEET</td> <td>11/13</td> </tr> <tr> <td>PROF. REGISTRATION</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	SURVEYED	-	-	DESIGNED	G. CORIN	11/13	DRAWN	G. CORIN	11/13	CAD REVIEW	-	-	DESIGN CHECK	P. PEET	11/13	DESIGN REVIEW	M. OPPENHUIS	11/13	APPROVED	P. PEET	11/13	PROF. REGISTRATION	-	-	 	<p>NZ TRANSPORT AGENCY SH1: OTAKI TO NORTH OF LEVIN RONS: SCOPING OPTIONS</p> <p>SH1 SH57 BIFURCATION: OPTION 3C LAYOUT PLAN</p>	<table border="1"> <tr> <td>Status Stamp</td> <td>PRELIMINARY</td> </tr> <tr> <td>Date Stamp</td> <td>25 NOVEMBER 2013</td> </tr> <tr> <td>Scale</td> <td>1:2000 (A1), 1:4000 (A3)</td> </tr> <tr> <td>Drawing No.</td> <td>80500902-05-003-C003</td> </tr> <tr> <td>Rev.</td> <td>A</td> </tr> </table>	Status Stamp	PRELIMINARY	Date Stamp	25 NOVEMBER 2013	Scale	1:2000 (A1), 1:4000 (A3)	Drawing No.	80500902-05-003-C003	Rev.	A
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ORIGINAL SIZE A1

20m DO NOT SCALE - IF IN DOUBT, ASK

NOT FOR CONSTRUCTION

REV	REVISIONS	GC	PP	PP	DATE
DRN	CHK	APP	APP		
A	PRELIMINARY				25/11/13

SURVEYED		
DESIGNED	G. CORIN	11/13
DRAWN	G. CORIN	11/13
CAD REVIEW		
DESIGN CHECK	P. PEET	11/13
DESIGN REVIEW	M. OPPENHUIS	11/13
APPROVED	P. PEET	11/13
PROF REGISTRATION:		



NZ TRANSPORT AGENCY
 SH1: OTAKI TO NORTH OF LEVIN RONS: SCOPING OPTIONS
 SH1 SH57 BIFURCATION: OPTION 3C
 LAYOUT PLAN

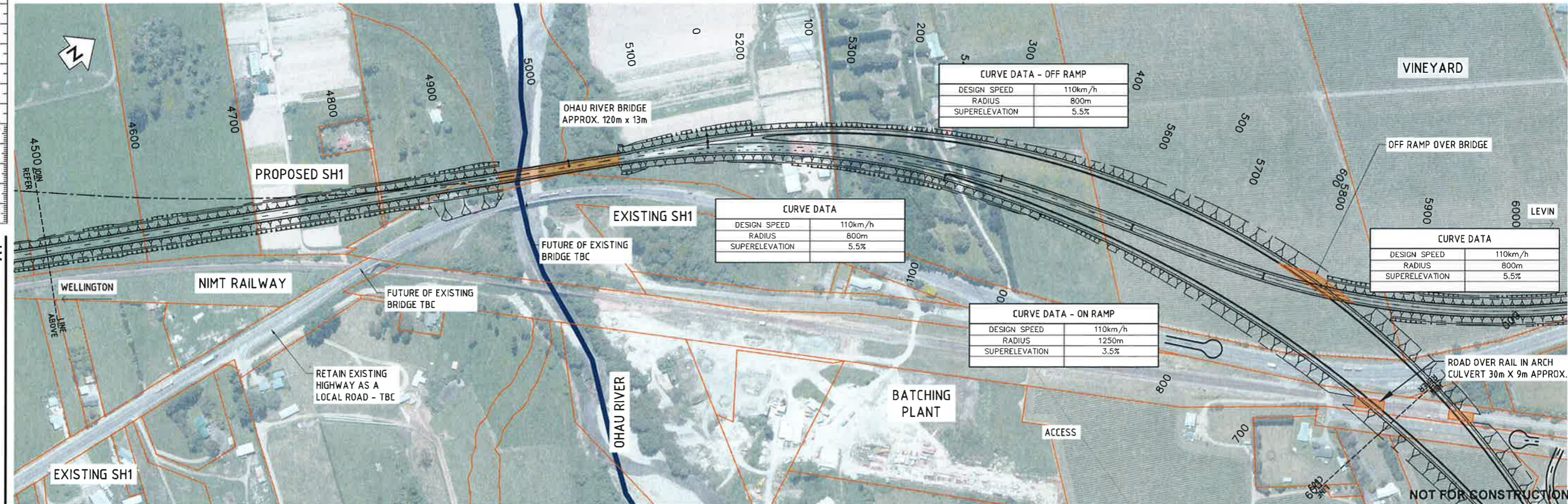
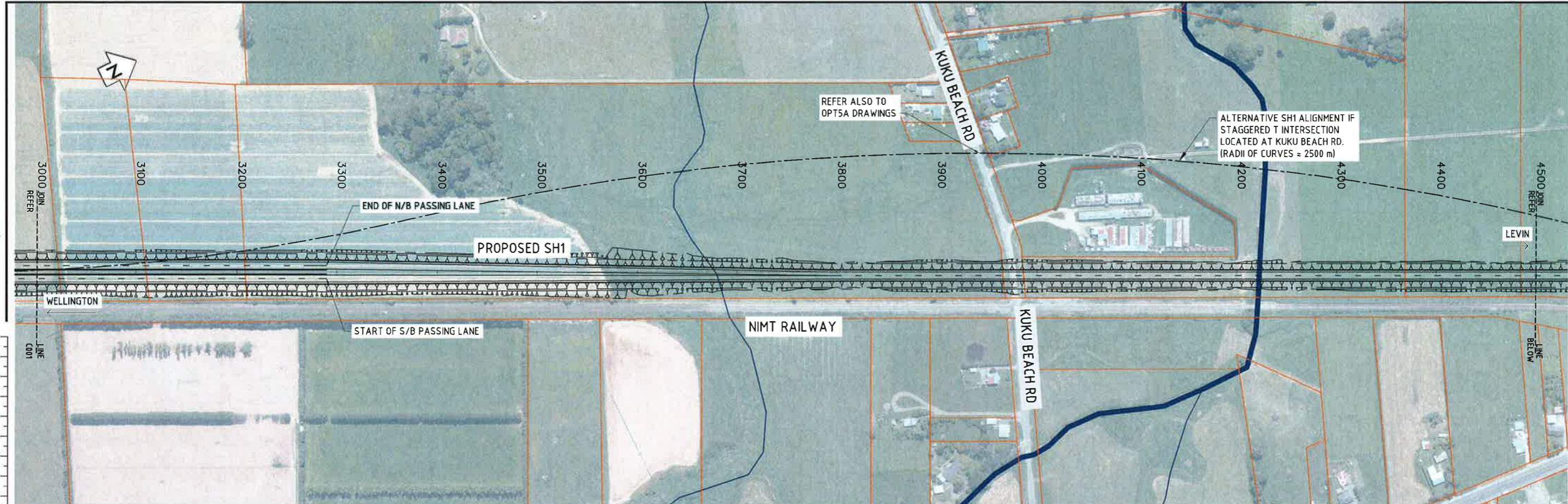
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Drawing No.	80500902-05-003-C004
Rev.	A



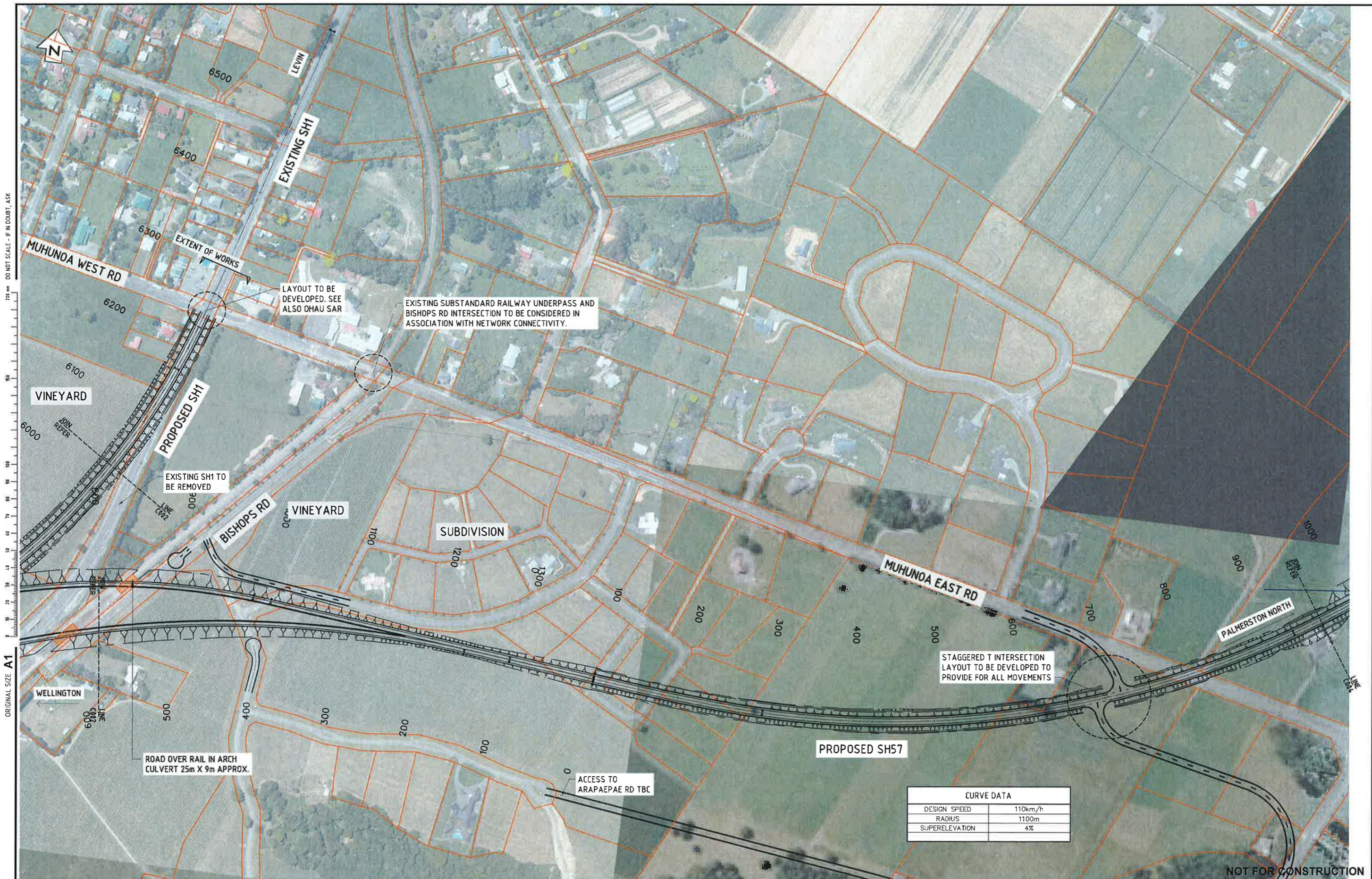
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DESIGN SPEED	110km/h
RADIUS	3500m
SUPERELEVATION	3%

NOT FOR CONSTRUCTION

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P. PEET	11/13														
M. OPPENHUIS	11/13														
P. PEET	11/13														
Date Stamp 25 NOVEMBER 2013															
Scales 1 : 2000															
Drawing No 80500902-05-004-C001															
Rev A															



REVISIONS A PRELIMINARY GC DRN PP CHK PP APP 25/11/13 DATE		SURVEYED G. CORIN 11/13 DESIGNED G. CORIN 11/13 DRAWN G. CORIN 11/13 CAD REVIEW P. PEET 11/13 DESIGN CHECK M. OPPENHUIS 11/13 APPROVED P. PEET 11/13 PROF REGISTRATION:		NZ TRANSPORT AGENCY SH1: OTAKI TO NORTH OF LEVIN RONS: SCOPING OPTIONS SH1 SH57 BIFURCATION : OPTION 4A LAYOUT PLAN	Status Stamp PRELIMINARY Date Stamp 25 NOVEMBER 2013 Scales 1 : 2000 Drawing No. 80500902-05-004-C002 Rev. A
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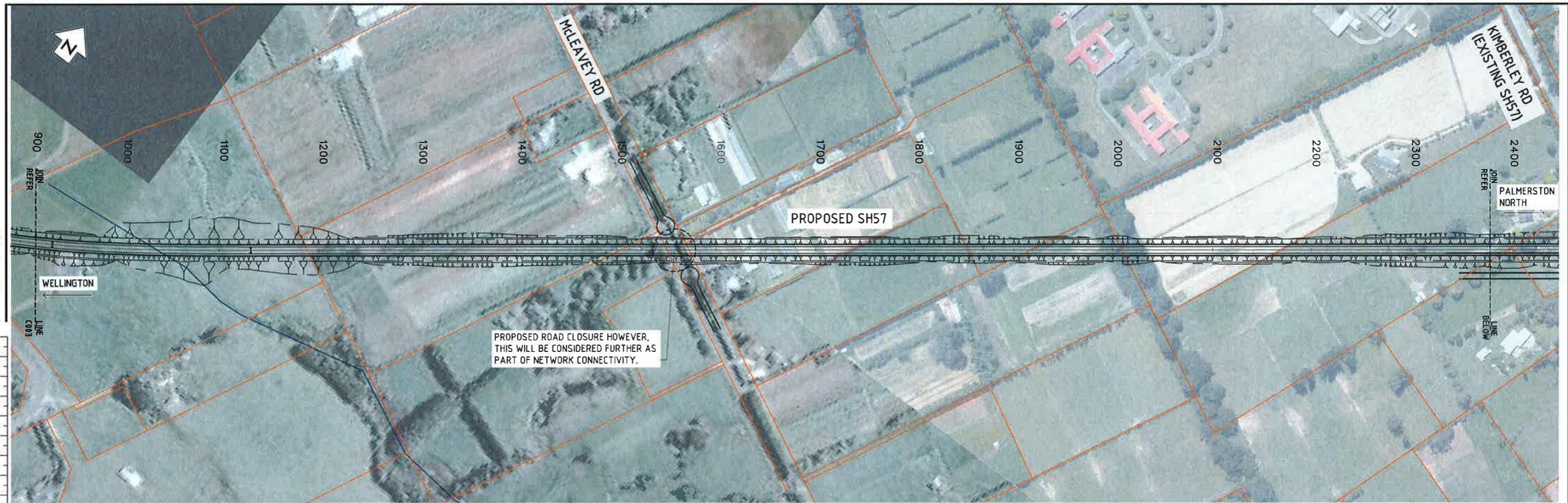
ORIGINAL SIZE A1
DO NOT SCALE - IF IN DOUBT, ASK

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A	PRELIMINARY	25/11/13			

ACTIVITY	NAME	DATE
SURVEYED	G. CORIN	11/13
DESIGNED	G. CORIN	11/13
DRAWN	G. CORIN	11/13
CAD REVIEW	P. PEET	11/13
DESIGN CHECK	M. OPPENHUIS	11/13
APPROVED	P. PEET	11/13

NZ TRANSPORT AGENCY
 SH1: OTAKI TO NORTH OF LEVIN RONS: SCOPING OPTIONS
**SH1 SH57 BIFURCATION : OPTION 4A
 LAYOUT PLAN**

Status Stamp	PRELIMINARY
Date Stamp	25 NOVEMBER 2013
Scale	1:2000
Drawing No.	80500902-05-004-C003
Rev.	A



NOT FOR CONSTRUCTION

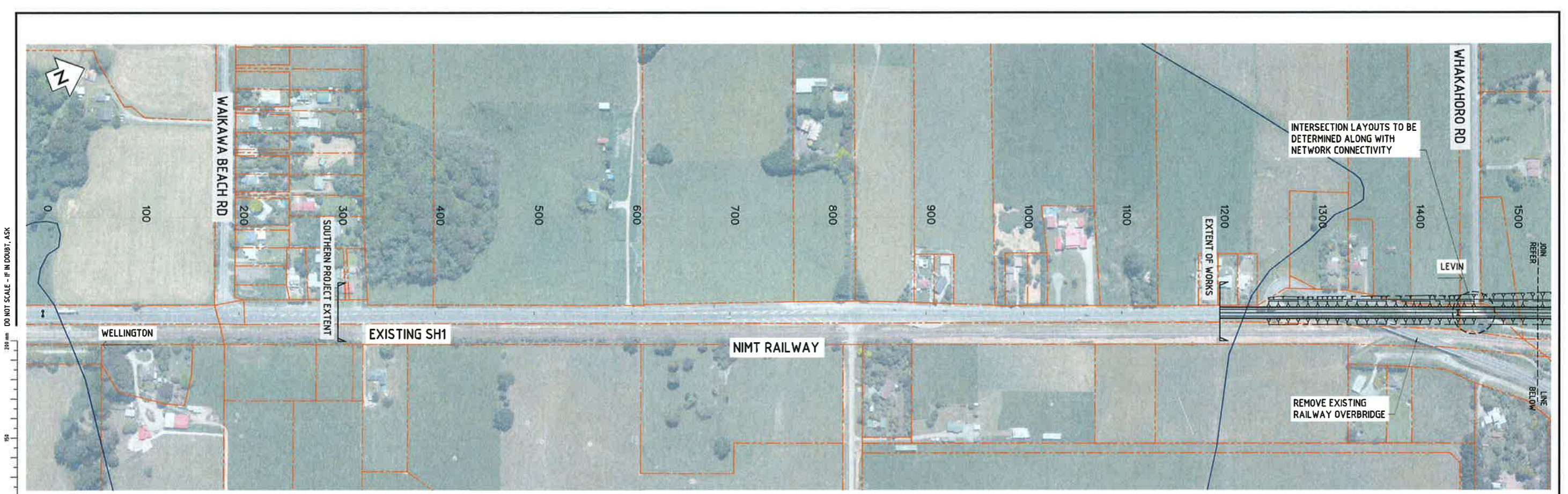
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A	PRELIMINARY	25/11/13	GC	PP	PP

SURVEYED	G. CORIN	11/13
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CAD REVIEW	P. PEET	11/13
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APPROVED	P. PEET	11/13



NZ TRANSPORT AGENCY
 SH1: OTAKI TO NORTH OF LEVIN RONS: SCOPING OPTIONS
 SH1 SH57 BIFURCATION : OPTION 4A
 LAYOUT PLAN

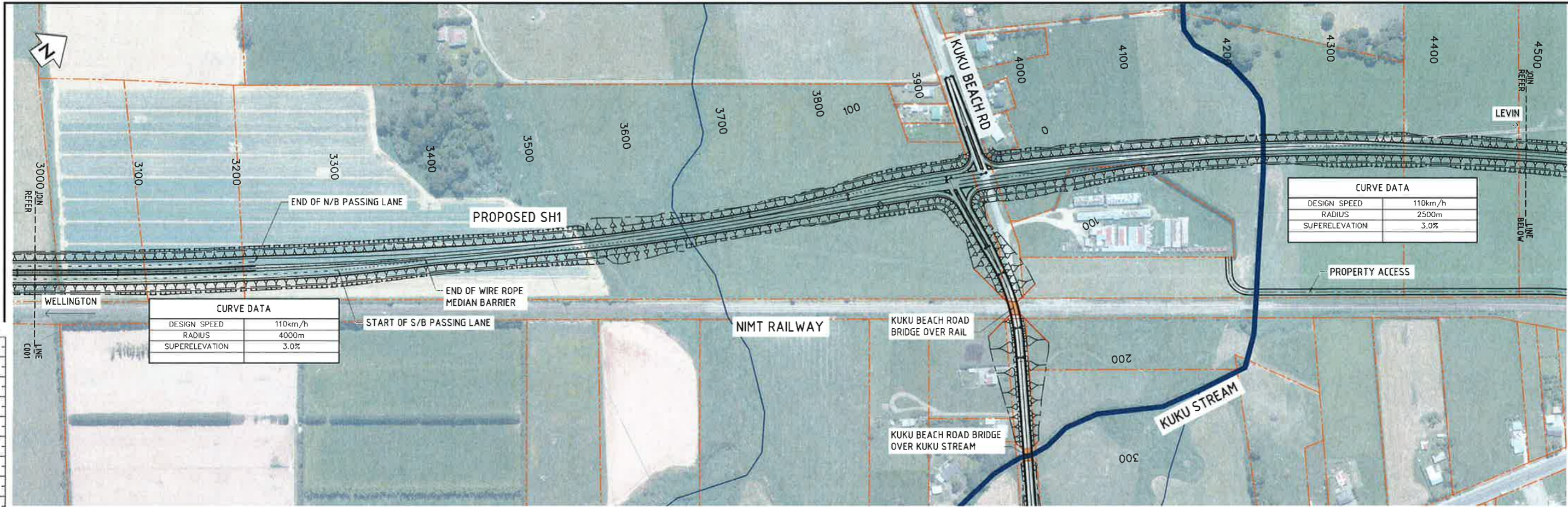
Status Stamp	PRELIMINARY
Date Stamp	25 NOVEMBER 2013
Scales	1 : 2000
Drawing No.	80500902-05-004-C004
Rev.	A



CURVE DATA	
DESIGN SPEED	110km/h
RADIUS	3500m
SUPERELEVATION	3%

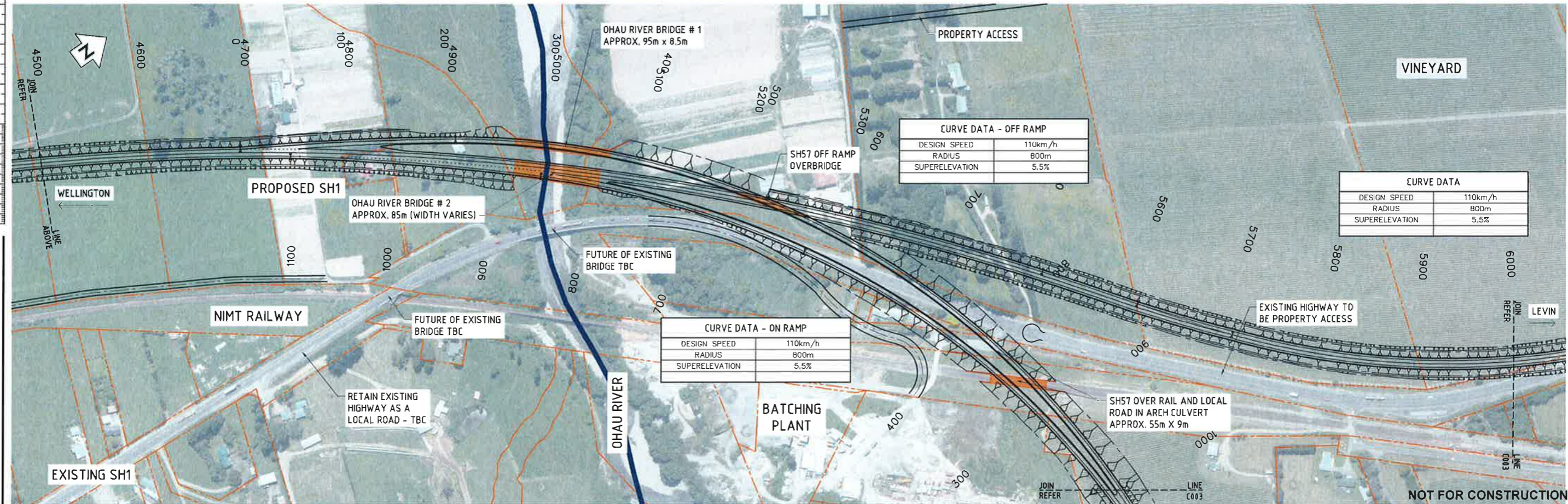
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Rev.	A																																																



CURVE DATA	
DESIGN SPEED	110km/h
RADIUS	4000m
SUPERELEVATION	3.0%

CURVE DATA	
DESIGN SPEED	110km/h
RADIUS	2500m
SUPERELEVATION	3.0%



CURVE DATA - OFF RAMP	
DESIGN SPEED	110km/h
RADIUS	800m
SUPERELEVATION	5.5%

CURVE DATA - DN RAMP	
DESIGN SPEED	110km/h
RADIUS	800m
SUPERELEVATION	5.5%

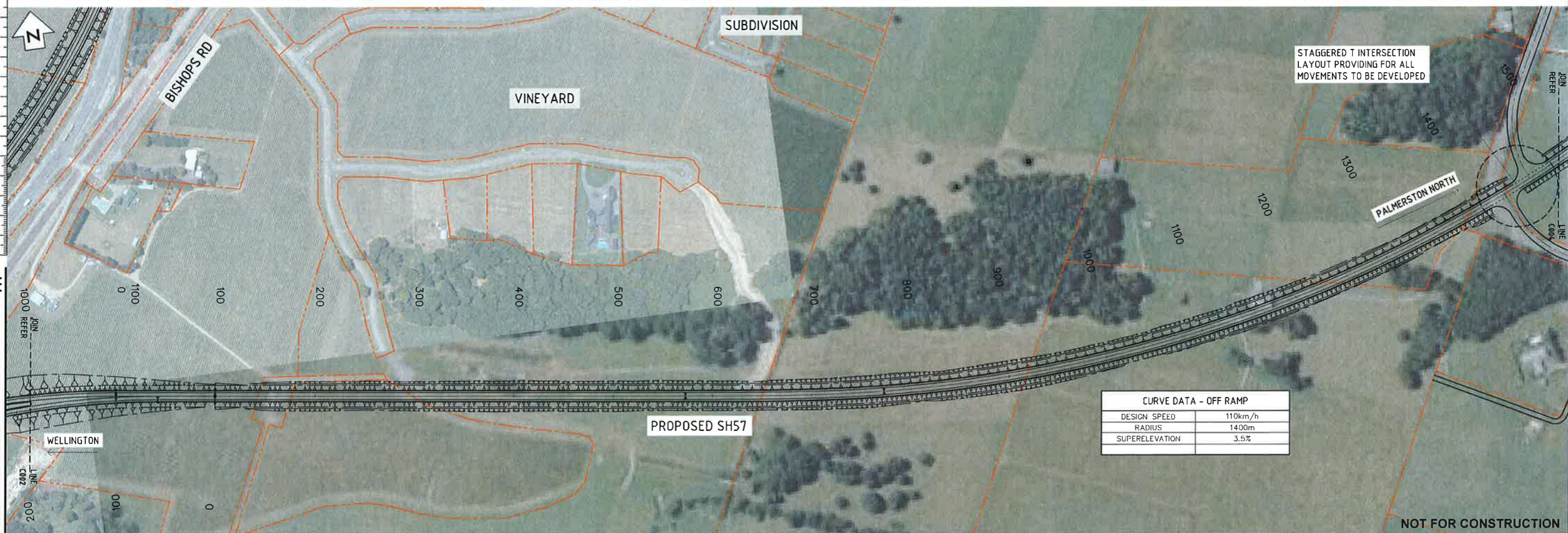
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SUPERELEVATION	5.5%

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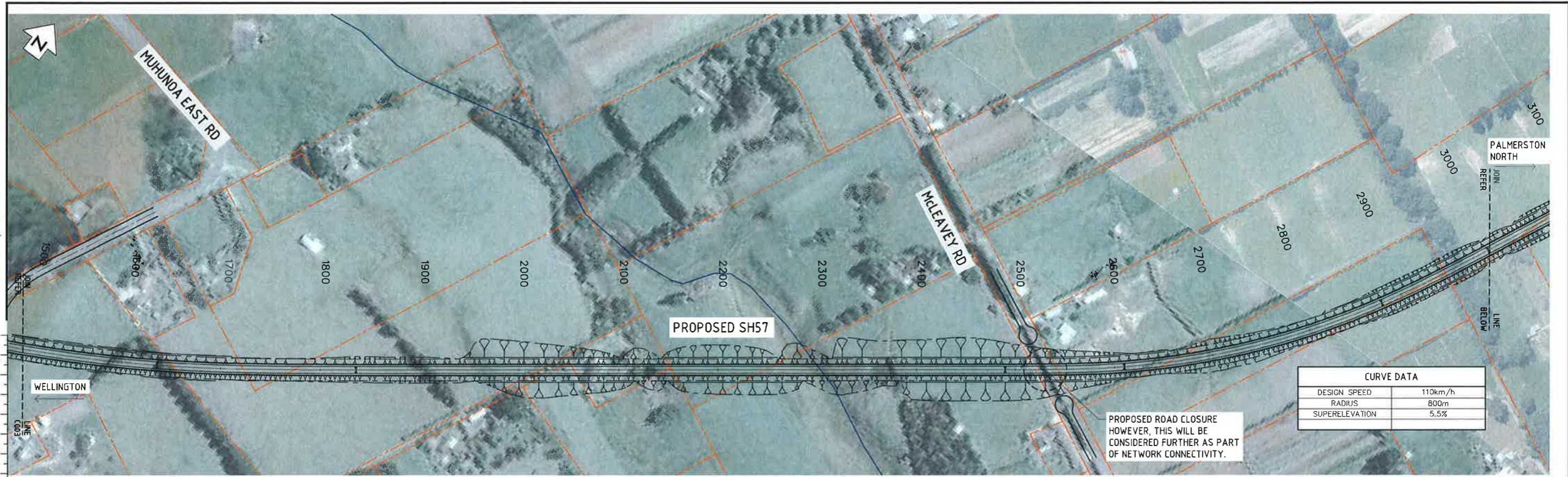
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NZ TRANSPORT AGENCY
 SH1: OTAKI TO NORTH OF LEVIN RONS: SCOPING OPTIONS
 SH1 SH57 BIFURCATION: OPTION 5A
 LAYOUT PLAN

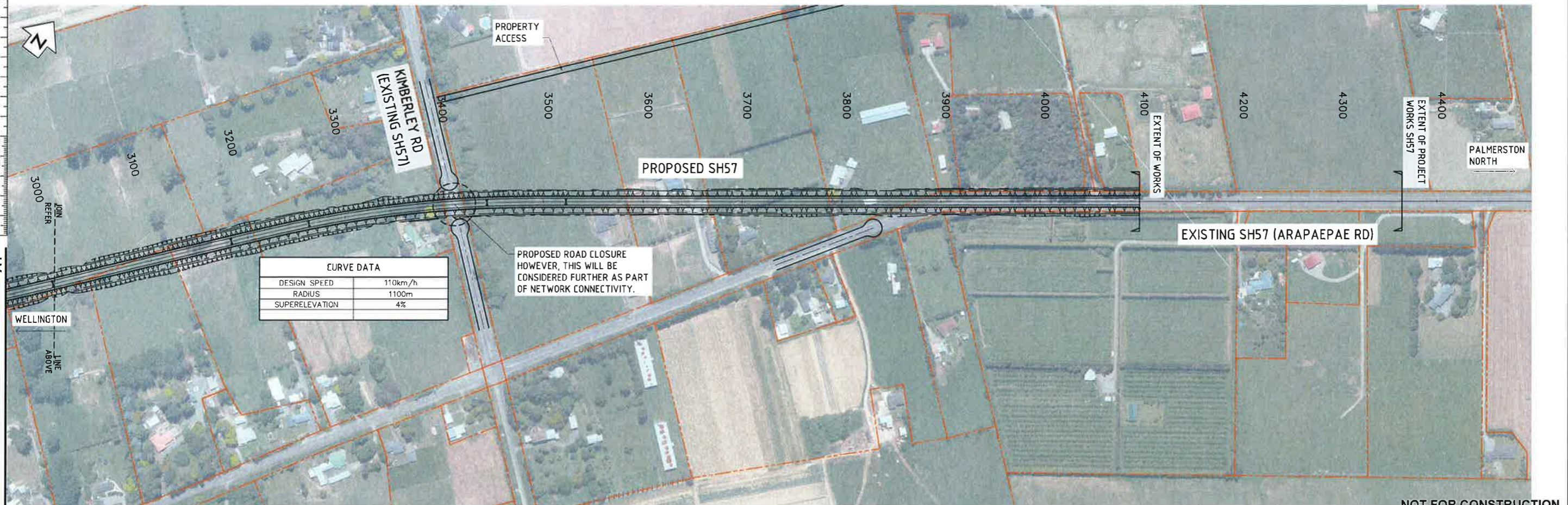
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Drawing No.	80500902-05-005-C002
Rev.	A



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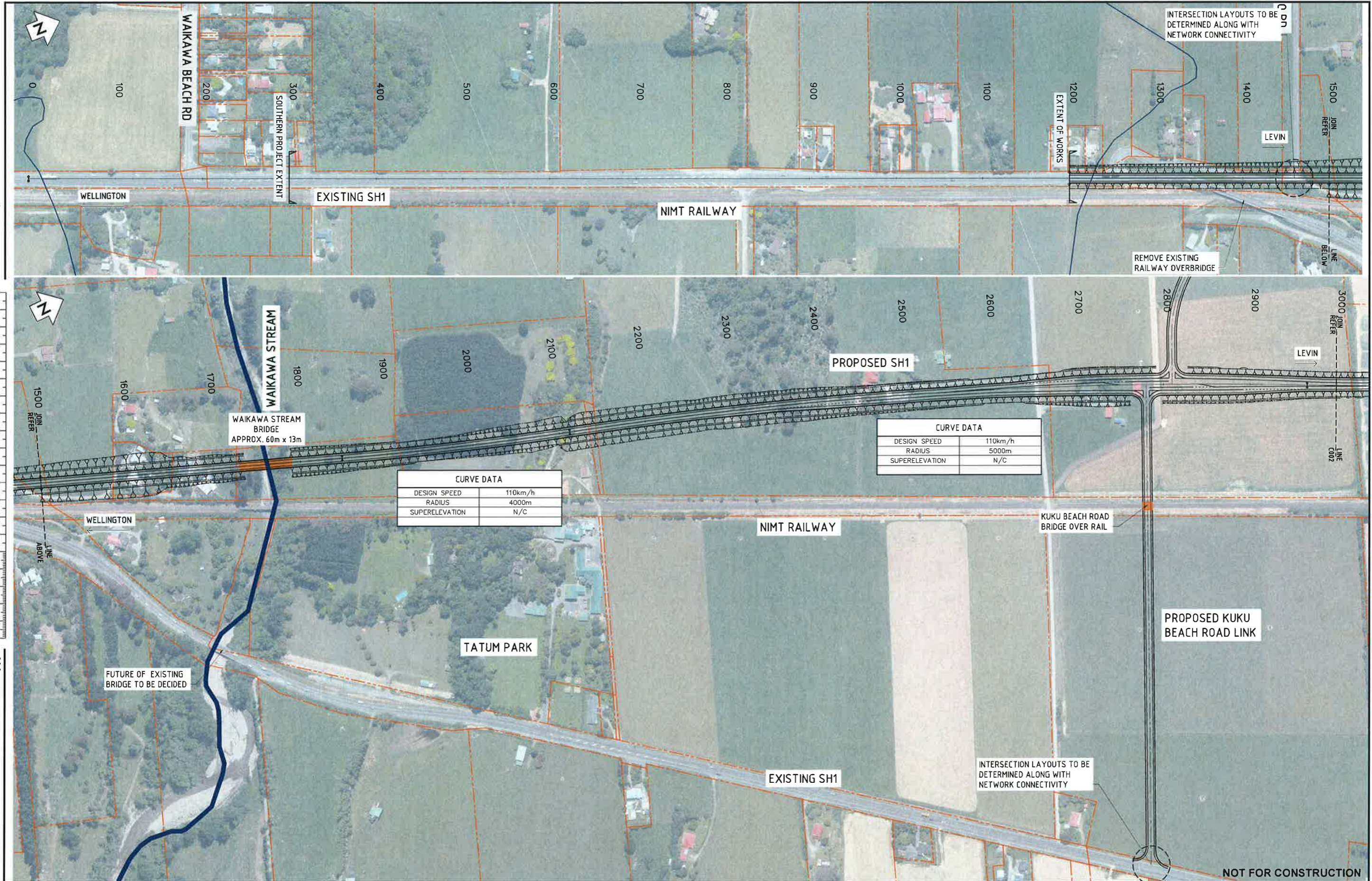
PROPOSED ROAD CLOSURE HOWEVER, THIS WILL BE CONSIDERED FURTHER AS PART OF NETWORK CONNECTIVITY.



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CURVE DATA	
DESIGN SPEED	110km/h
RADIUS	4000m
SUPERELEVATION	N/C

CURVE DATA	
DESIGN SPEED	110km/h
RADIUS	5000m
SUPERELEVATION	N/C

DO NOT SCALE - IF IN DOUBT, ASK

ORIGINAL SIZE A1

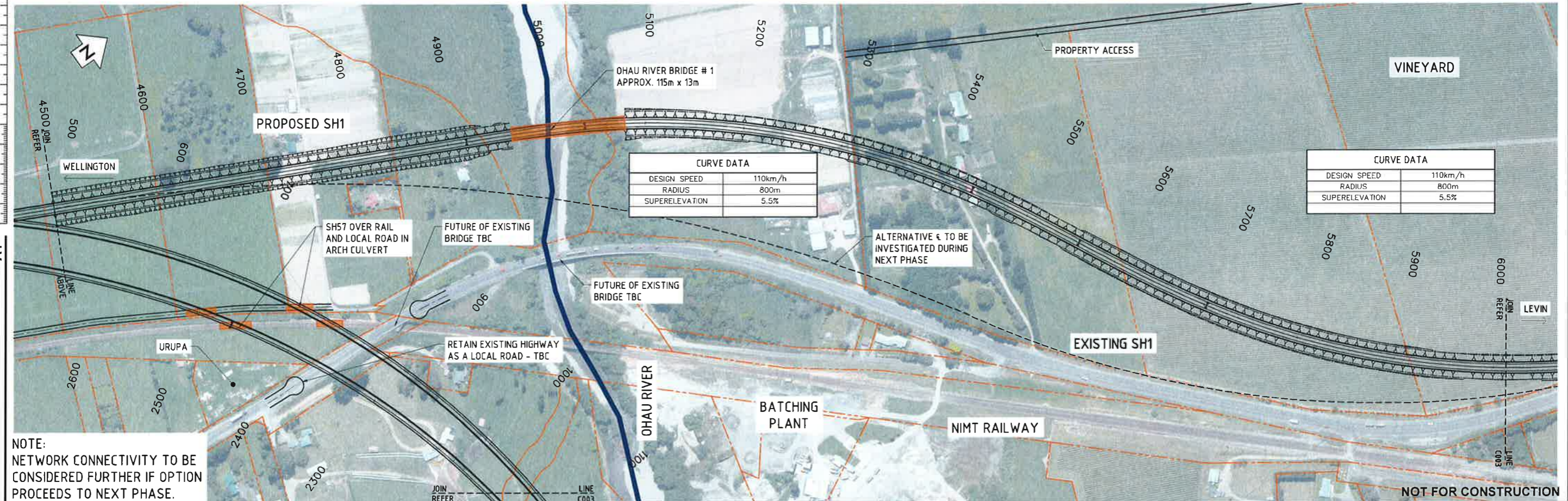
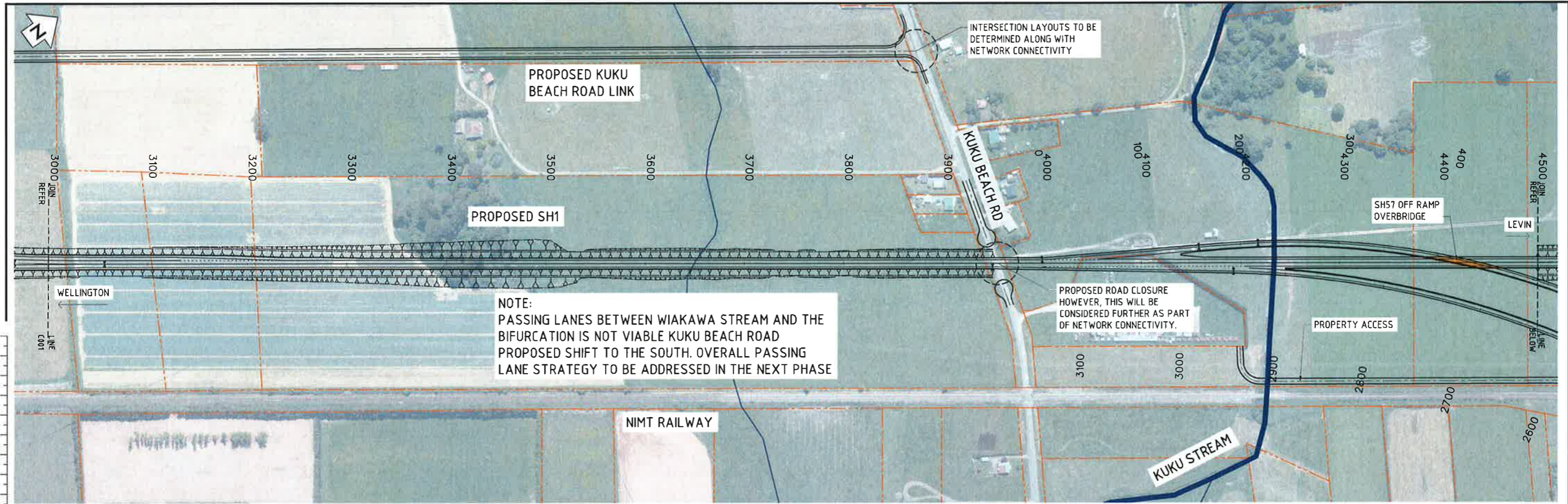
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CAD REVIEW	-	-
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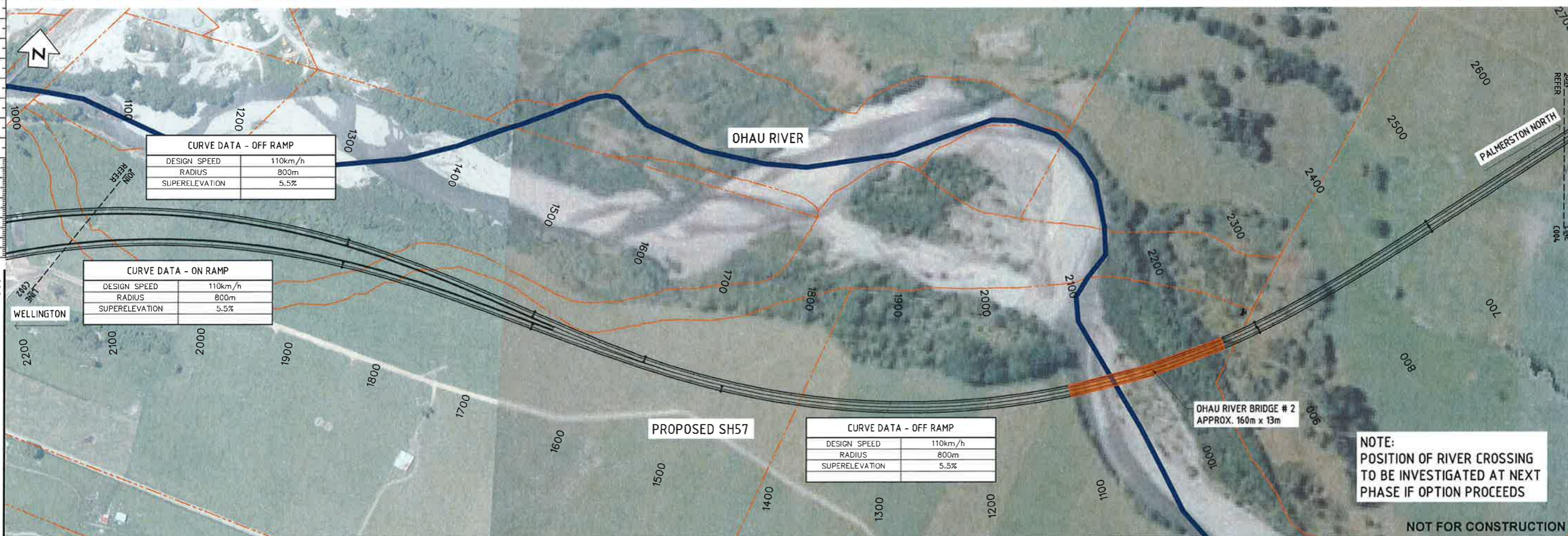


NZ TRANSPORT AGENCY
 SH1: OTAKI TO NORTH OF LEVIN RONS: SCOPING OPTIONS
SH1 SH57 BIFURCATION: OPTION 6A
LAYOUT PLAN

Status Stamp	PRELIMINARY
Date Stamp	25 NOVEMBER 2013
Scales	1:2000 (A1), 1:4000 (A3)
Drawing No.	80500902-05-006-C001
Rev.	A



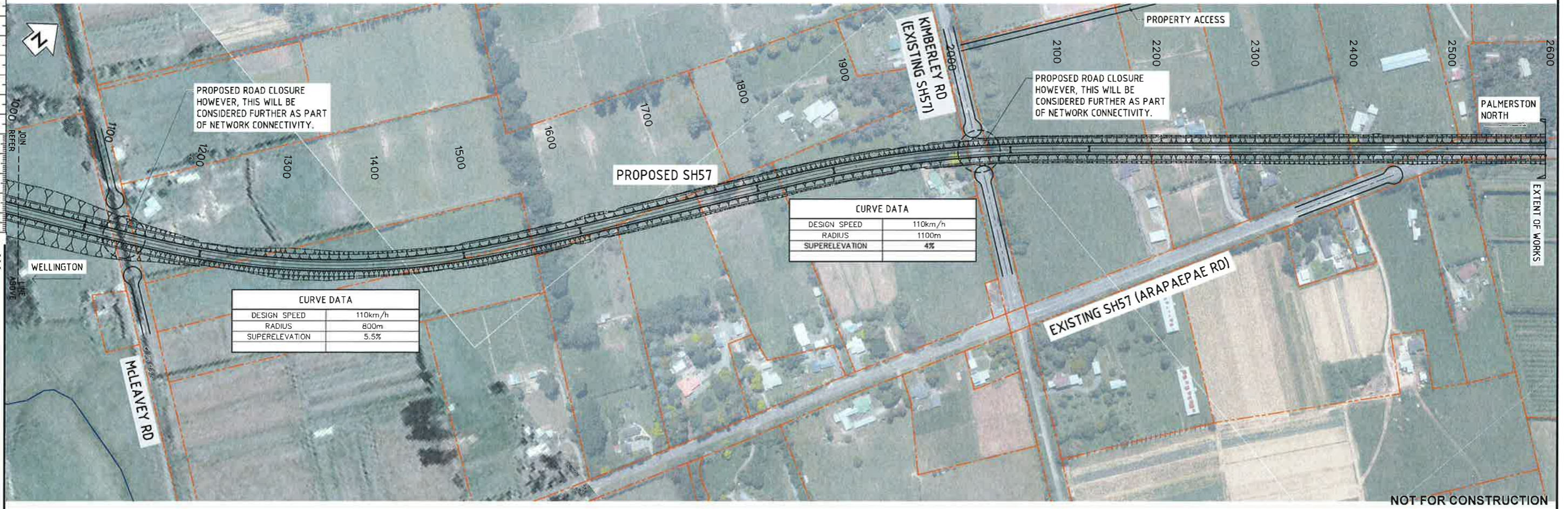
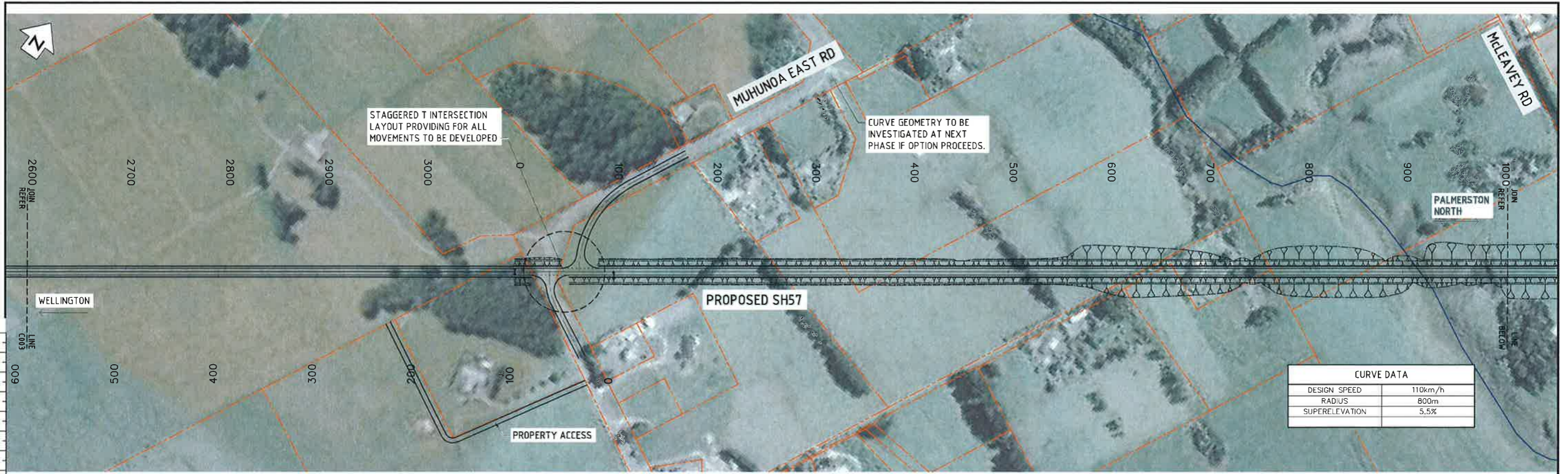
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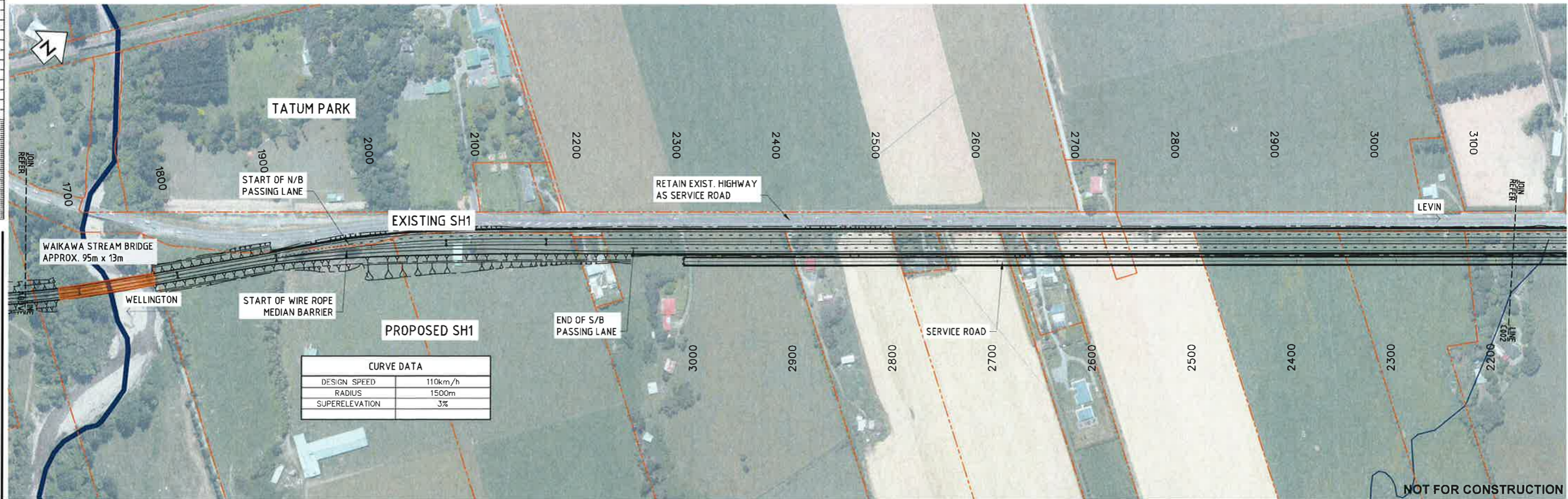
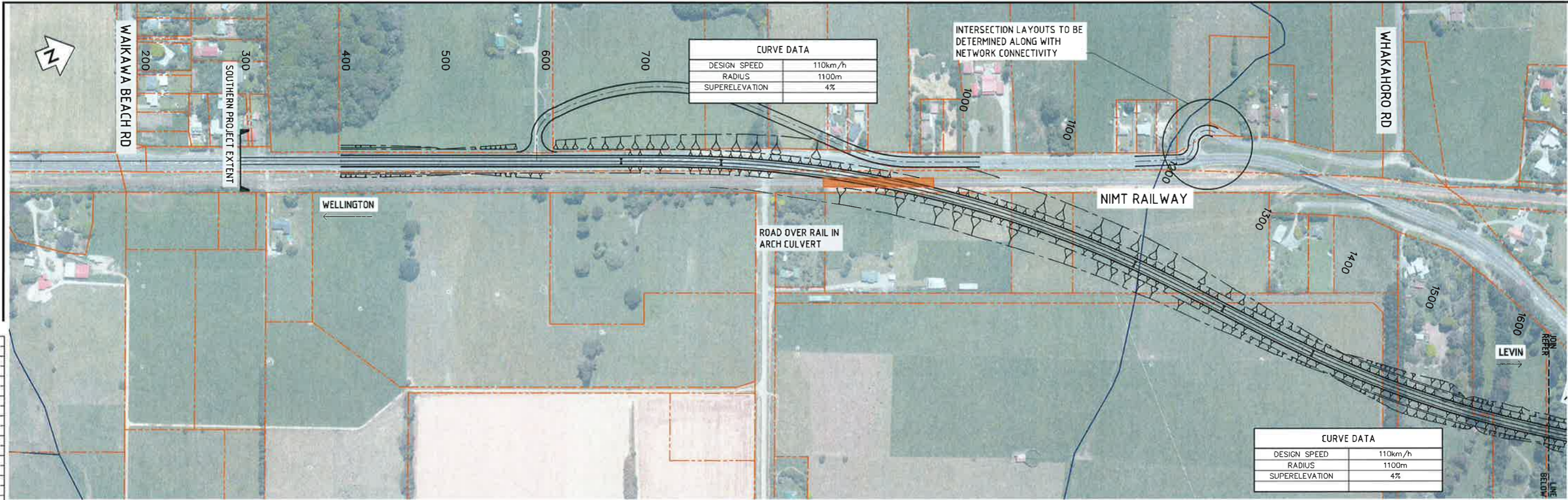
NOTE:
POSITION OF RIVER CROSSING
TO BE INVESTIGATED AT NEXT
PHASE IF OPTION PROCEEDS

NOT FOR CONSTRUCTION

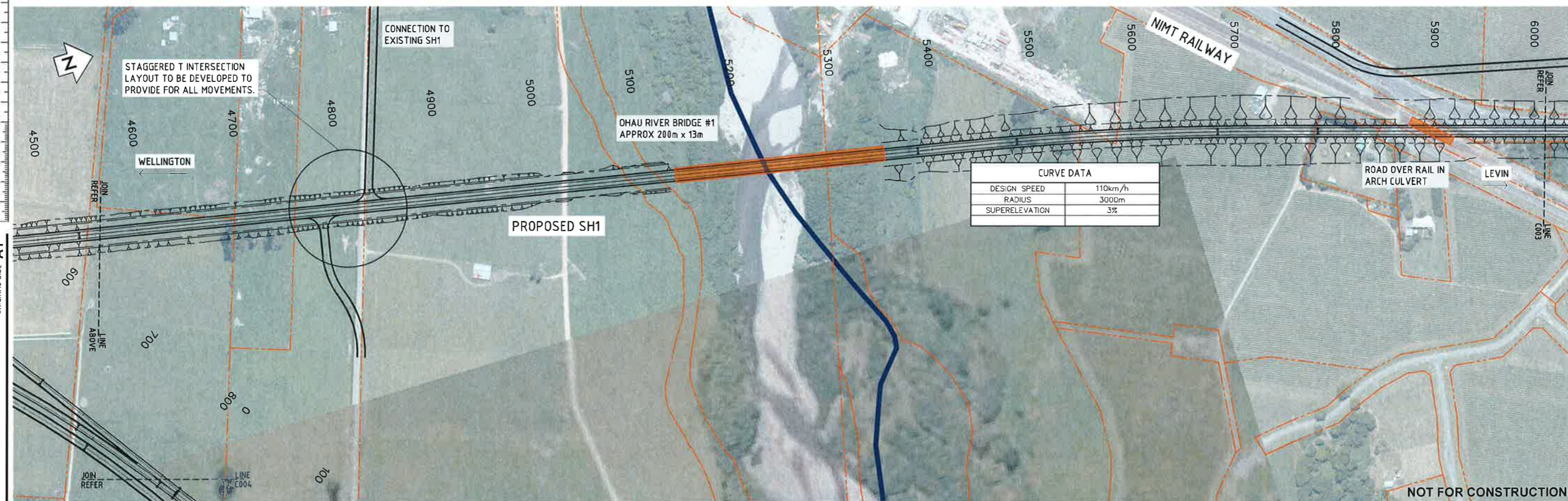
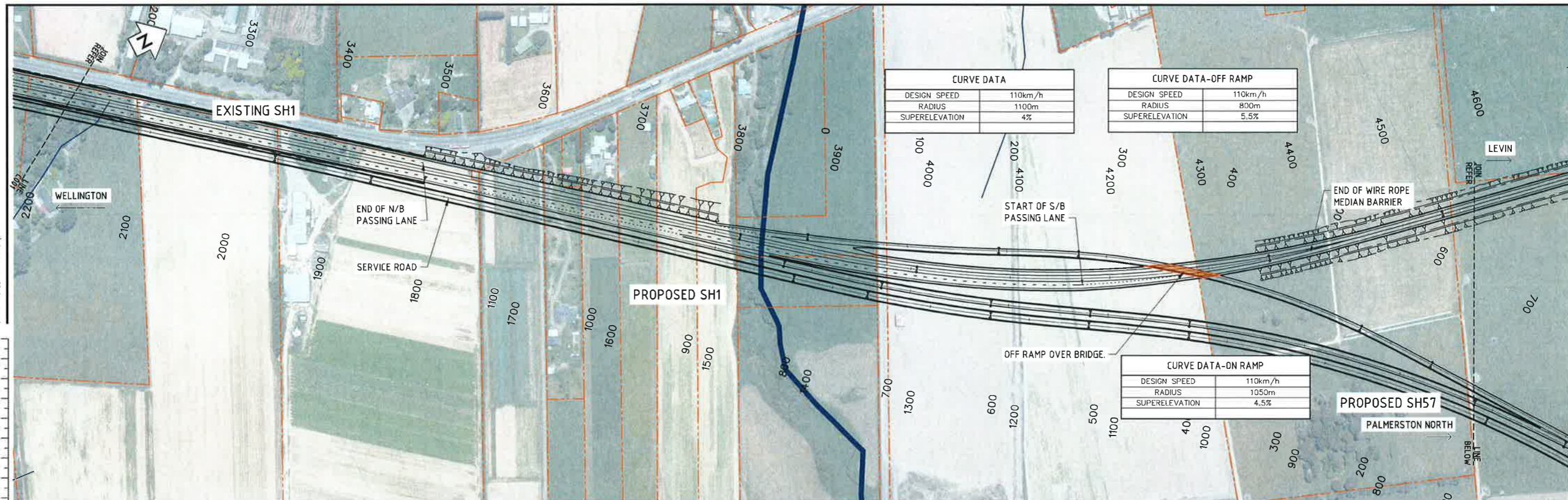
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DO NOT SCALE - IF IN DOUBT, ASK

ORIGINAL SIZE A1

NOT FOR CONSTRUCTION

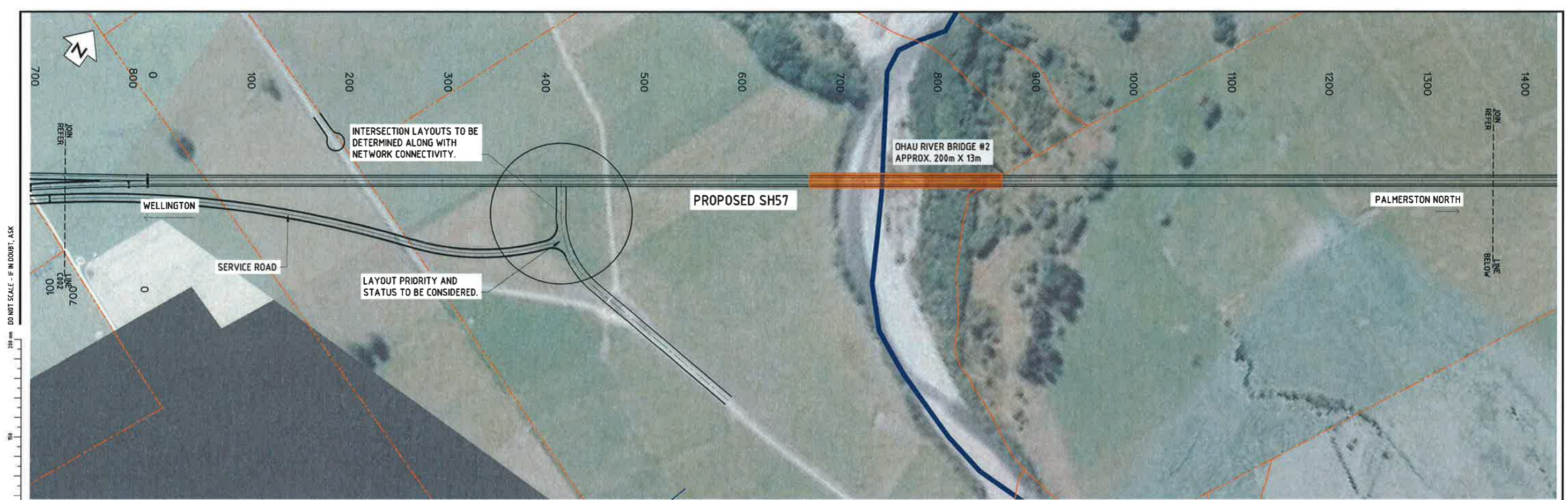
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DESIGN REVIEW	M. OPPENHUIS	11/13
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PROF REGISTRATION		



NZ TRANSPORT AGENCY
 SH1: OTAKI TO NORTH OF LEVIN RONS: SCOPING OPTIONS
 SH1 SH57 BIFURCATION: OPTION 7A
 LAYOUT PLAN

Status Stamp	PRELIMINARY
Date Stamp	25 NOVEMBER 2013
Scale	1:2000
Drawing No.	80500902-05-007-C003
Rev	A



DO NOT SCALE - IF IN DOUBT, ASK

ORIGINAL SIZE **A1**

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CURVE DATA	
DESIGN SPEED	110km/h
RADIUS	800m
SUPERELEVATION	5.5%

CURVE DATA	
DESIGN SPEED	110km/h
RADIUS	1100m
SUPERELEVATION	4%



NOT FOR CONSTRUCTION

A1 ORIGINAL SIZE DO NOT SCALE - IF IN DOUBT, ASK 200mm 150 100 50 0	SURVEYED DESIGNED DRAWN CAD REVIEW DESIGN CHECK DESIGN REVIEW APPROVED PROF REGISTRATION:	<table border="1"> <tr><td>G. CORIN</td><td>11/13</td></tr> <tr><td>G. CORIN</td><td>11/13</td></tr> <tr><td>P. PEET</td><td>11/13</td></tr> <tr><td>M. OPPENHUIS</td><td>11/13</td></tr> <tr><td>P. PEET</td><td>11/13</td></tr> </table>	G. CORIN	11/13	G. CORIN	11/13	P. PEET	11/13	M. OPPENHUIS	11/13	P. PEET	11/13		NZ TRANSPORT AGENCY SH1: OTAKI TO NORTH OF LEVIN RONS: SCOPING OPTIONS SH1 SH57 BIFURCATION: OPTION 7A LAYOUT PLAN	Status Stamp PRELIMINARY Date Stamp 25 NOVEMBER 2013 Scale 1:2000 Drawing No. 80500902-05-007-C005 Rev. A
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PRELIMINARY REVISIONS GC DRN PP ENK PP APP 25/11/13 DATE	COPYRIGHT © THESE DRAWINGS SHALL ONLY BE USED FOR THE PURPOSE FOR WHICH THEY WERE SUPPLIED. ANY RE-USE IS PROHIBITED AND NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR DISTRIBUTED WITHOUT THE WRITTEN PERMISSION OF MWH LTD \\NZWGN1501\Projects\219000\up\219257 - Levin- Otaki\80500902 Otaki_Levin I&R PFRs\2 Technical_Deliverables\0105 PFR5_SH1 SH57 & Arapaepae Curve\CAD\80500902-05-001-C007a-Layout Plan.dwg														