2 Appendix B: Predicted Project noise levels for all PPFs

2.1 NoR 1

PPFs assessed against the New Road criteria

PPF Address NoR 1	Existing scenario	Do-minimum scenario
	dB $L_{Aeq(24h)}$	dB $L_{Aeq(24h)}$
66 Bawden Road	41.2	41.5
72 Bawden Road	40.4	40.2
72 Bawden Road	41.5	44
74 Bawden Road	44.6	43.8
77 Bawden Road	42.2	40.8
83 Bawden Road	45.9	43.5
99 Bawden Road	55	44.3
120 Bawden Road	41.9	43.2
124 Bawden Road	41.5	47.9
126 Bawden Road	41.6	40.4
136 Bawden Road	41.6	38.3
140 Bawden Road	41.6	40.7
174 Bawden Road	43	39.4
178 Bawden Road	43	34.6
396 Bawden Road	45	45.2
404 Bawden Road	43.8	36.5
408 Bawden Road	44.2	41.2
410 Bawden Road	54	44.6
421 Bawden Road	58.8	41.3
422 Bawden Road	54.2	44.2
224E Bawden Road	44.8	34.8
926 Dairy Flat Highway	38.8	35.9
928 Dairy Flat Highway	37.1	33.6
1248 Dairy Flat Highway	39.3	35.6
1252 Dairy Flat Highway	40.1	41.8

PPF Address NoR 1	Existing scenario	Do-minimum scenario
	dB $L_{Aeq(24h)}$	dB $L_{Aeq(24h)}$
1320 Dairy Flat Highway	42.1	50.9
1549 Dairy Flat Highway	51.2	45
1550 Dairy Flat Highway	57.6	44.4
1564 Dairy Flat Highway	56	41.5
1583 Dairy Flat Highway	46.1	45.6
1587 Dairy Flat Highway	45.2	44.2
1599 Dairy Flat Highway	46.1	53
1603 Dairy Flat Highway	43.6	46.8
1609 Dairy Flat Highway	46.3	41.7
1270A Dairy Flat Highway	40.3	44.6
1579A Dairy Flat Highway	48.7	42.2
33 Dairy Stream Road	43.9	44.5
47 Dairy Stream Road	41.7	41.3
52 Dairy Stream Road	43.1	41.6
16 Follies Way	38.6	44.5
143 Goodland Drive	41	47
146 Goodland Drive	41.6	47.2
9 Grace Hill Drive	40.8	39.3
42 Grace Hill Drive	39.4	36.1
62 Grace Hill Drive	38.5	35
93 Grace Hill Drive	42.5	33.6
45 Kingscliff Rise	37.5	33.2
50 Kingscliff Rise	38.4	37.7
4 Lascelles Drive	52	37.2
11 Lascelles Drive	50.9	37
17 Lascelles Drive	48.7	42.2
27 Lascelles Drive	45.2	36.8
43 Lascelles Drive	44.4	37.4
43 Lascelles Drive	44.2	37
65 Lascelles Drive	44.1	35.9
89 Lascelles Drive	43.5	41.3

PPF Address NoR 1	Existing scenario	Do-minimum scenario
	dB $L_{Aeq(24h)}$	dB $L_{Aeq(24h)}$
10 Old Pine Valley Road	54.8	43.9
37 Old Pine Valley Road	43	40.8
90 Old Pine Valley Road	46.6	46.3
165 Pine Valley Road	43.3	40.9
165 Pine Valley Road	43.6	43.8
175 Pine Valley Road	42.5	38.8
189 Pine Valley Road	42.4	38.1
207 Pine Valley Road	43.1	40.8
227 Pine Valley Road	42.8	38.8
227 Pine Valley Road	42.8	38.7
66 Postman Road	38.8	38.4
77 Postman Road	39.3	35.4
81 Postman Road	41.6	40.2
87 Postman Road	40.2	44.5
99 Postman Road	52.4	38.4
131 Postman Road	43.2	38.5
143 Postman Road	41.3	43.3
147 Postman Road	41.6	43.3
149 Postman Road	40.7	46.7
177 Postman Road	41.3	41.6
207 Postman Road	43	40.4
295 Postman Road	44.6	43.3
313 Postman Road	44.8	43.9
315 Postman Road	44.8	37.8
327 Postman Road	45.7	42.3
349 Postman Road	48	35
349 Postman Road	47.8	35.3
143A Postman Road	40.2	45.7
29 Wilks Road	57	43.2
29 Wilks Road	60.2	46.3
30 Wilks Road	59.2	40.4

PPF Address NoR 1	Existing scenario	Do-minimum scenario
	dB $L_{Aeq(24h)}$	dB $L_{Aeq(24h)}$
58 Wilks Road	51.8	42.6
82 Wilks Road	49	41.4
90 Wilks Road	48.6	43.5
44A Wilks Road	45.2	44.1
9A Wilks Road	52.5	45.7
4 Wilson Road	52.9	47.5
7 Wilson Road	60.4	45.6
40 Wilson Road	51	40.3
41 Wilson Road	58.2	43.8

PPFs assessed against the Altered Road criteria

PPF Address NoR 1	Existing scenario	Do-nothing scenario	Do-minimum scenario
	dB $L_{Aeq(24h)}$	dB $L_{Aeq(24h)}$	dB $L_{Aeq(24h)}$
71 Ahutoetoe Road	58.1	60.9	30
73 Ahutoetoe Road	58	60.8	32.4
75 Ahutoetoe Road	57.9	60.7	36.6
77 Ahutoetoe Road	57.8	60.6	38.9
79 Ahutoetoe Road	58.2	61	40.5
81 Ahutoetoe Road	57.7	60.5	40.2
83 Ahutoetoe Road	57.1	59.9	39.5
85 Ahutoetoe Road	53.1	55.9	35.7
87 Ahutoetoe Road	56.6	59.4	39
89 Ahutoetoe Road	56.6	59.4	37.7
91 Ahutoetoe Road	52.3	55.1	34.7
92 Ahutoetoe Road	51.5	54.3	33.6
93 Ahutoetoe Road	55.6	58.4	37.8
94 Ahutoetoe Road	52.2	55	33.9
95 Ahutoetoe Road	52	54.7	35.8
96 Ahutoetoe Road	53	55.8	34
100 Ahutoetoe Road	56.5	59.2	35.8

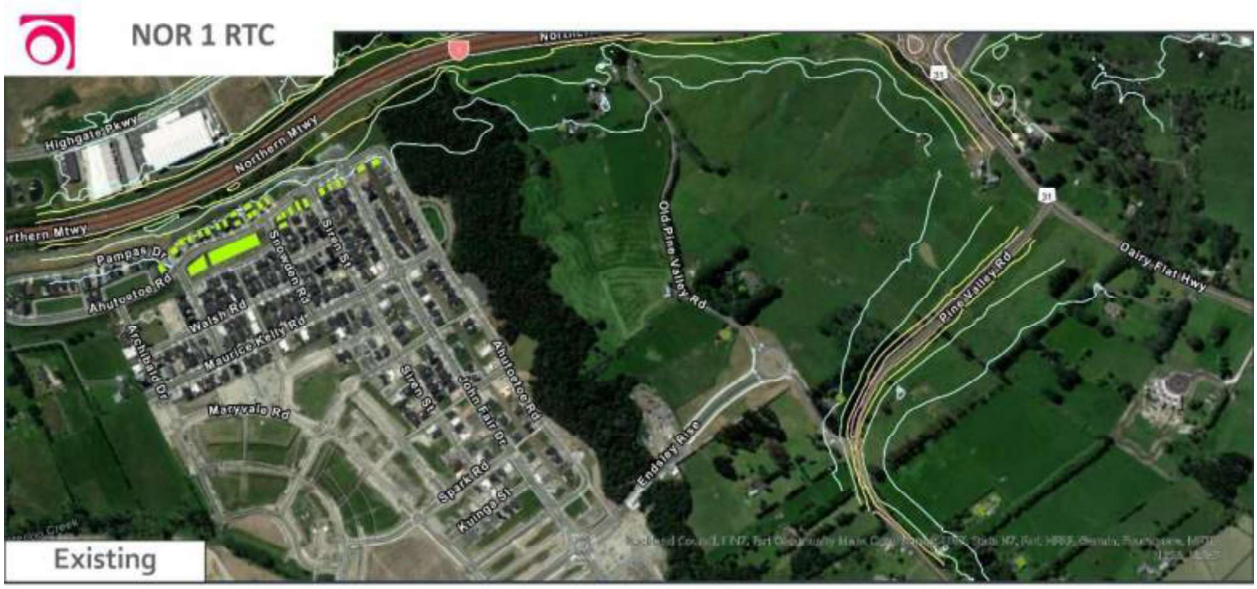
PPF Address NoR 1	Existing scenario dB $L_{Aeq(24h)}$	Do-nothing scenario dB $L_{Aeq(24h)}$	Do-minimum scenario dB $L_{Aeq(24h)}$
102 Ahutoetoe Road	56.5	59.3	36.5
106 Ahutoetoe Road	52.1	54.9	41.1
108 Ahutoetoe Road	49.8	52.6	41.4
91A Ahutoetoe Road	51.1	53.9	35.2
92A Ahutoetoe Road	51.7	54.4	33.2
5 Ash Avenue	49.3	52.7	43.4
1 Carthey Road	54.4	57.2	33.4
24 Cherry Hill	49.8	53.5	40.4
28 Dahlia Drive	50.4	54.4	40.5
29 Dahlia Drive	51.3	55.2	41.4
34 Dahlia Drive	50.9	54.2	40.3
35 Dahlia Drive	53.7	57.3	41
1172 East Coast Road	61.6	64.2	44.8
1226 East Coast Road	56.2	58.8	41.6
1262 East Coast Road	64.7	67.3	46.6
1370 East Coast Road	57.2	59.8	38
1373 East Coast Road	59.9	62.6	39.8
1384 East Coast Road	62.3	64.9	40.3
1384 East Coast Road	63.8	66.5	41.7
1401 East Coast Road	61.1	63.7	40.3
1413 East Coast Road	60.4	63	37.4
1425 East Coast Road	58.8	61.4	38.8
1451 East Coast Road	60.6	63.2	39.5
1471 East Coast Road	64	66.7	42.9
1513 East Coast Road	64.1	66.7	43.1
38 Elm Haven	52.3	55.6	39.1
39 Elm Haven	53.7	57.4	40.9
43 Elm Haven	52.4	55.5	40.3
44 Elm Haven	55	58.4	41.9
48 Fuschia Lane	54.5	57.4	40.8
49 Fuschia Lane	56	59.1	43.5
53 Fuschia Lane	54	56.7	41.9

PPF Address NoR 1	Existing scenario dB $L_{Aeq(24h)}$	Do-nothing scenario dB $L_{Aeq(24h)}$	Do-minimum scenario dB $L_{Aeq(24h)}$
54 Fuschia Lane	54.2	57.1	42.8
55 Fuschia Lane	56.2	59.1	42.8
57 Gardenia Grove	52.8	55.5	39.3
59 Gardenia Grove	53.7	56.7	41.2
60 Gardenia Grove	54.6	57.6	42.7
61 Gardenia Grove	56.4	59.1	41.4
11 Haigh Access Road	59.2	61.8	38.2
11 Haigh Access Road	56.7	59.3	37.1
63 Hibiscus Crescent	54.7	57.2	36.9
64 Hibiscus Crescent	57.1	59.7	39
65 Hibiscus Crescent	56.5	59.1	38.7
66 Hibiscus Crescent	56.5	58.9	37.1
67 Hibiscus Crescent	55.5	58.1	38
68 Hibiscus Crescent	56	58.6	37.3
69 Hibiscus Crescent	55.3	58	37
81 Iris Watch	48.9	52.5	42
81 Iris Watch	49.5	53.4	42.9
1 John Fair Drive	56.9	59.7	38.4
5 Kewa Road	66.2	68.9	48.7
9 Kewa Road	63.1	65.7	46
15 Kewa Road	65.3	68	48.9
21 Kewa Road	65	67.7	48.6
21 Kewa Road	64.8	67.4	48.3
25 Kewa Road	70.7	73.4	55.5
29 Kewa Road	64	66.6	47.6
31 Kewa Road	65.1	67.8	49.3
33 Kewa Road	66.1	68.8	50.4
35 Kewa Road	67.7	70.4	52.4
37 Kewa Road	67.4	70.1	52.3
39 Kewa Road	67.4	70.1	52.9
42 Kewa Road	57.4	60.1	40.3
44 Kewa Road	54.6	57.2	37.3

PPF Address NoR 1	Existing scenario dB $L_{Aeq(24h)}$	Do-nothing scenario dB $L_{Aeq(24h)}$	Do-minimum scenario dB $L_{Aeq(24h)}$
45 Kewa Road	49	51.7	33.8
46 Kewa Road	53	55.7	35.7
47 Kewa Road	47.9	50.8	33.9
49 Kewa Road	47.4	50.4	35.9
61 Kewa Road	39.2	43	44.6
120 Kewa Road	40.7	44.5	47.5
122 Kewa Road	43	46.8	49.4
124 Kewa Road	42.7	46.4	49.4
126 Kewa Road	41.2	45	47.5
128 Kewa Road	39.7	43.6	44.9
162 Lonely Track Road	61.7	64.3	45.2
190 Lonely Track Road	55.3	58	42.8
196 Lonely Track Road	58.2	60.8	41.4
190D Lonely Track Road	62.1	64.8	44.5
1 Paikea Street	56	58.6	40.1
2 Paikea Street	51.6	54.3	35.2
3 Paikea Street	67.8	70.5	54
4 Paikea Street	49.5	52.3	36.6
5 Paikea Street	67.5	70.3	53.9
6 Paikea Street	48.5	51.4	35.2
7 Paikea Street	66.7	69.6	53.4
8 Paikea Street	47.9	51	38.6
9 Paikea Street	66.6	69.5	53.7
10 Paikea Street	46.8	50.6	40.1
11 Paikea Street	65.3	68.4	52.9
12 Paikea Street	45	49.1	41.1
13 Paikea Street	63.9	67.1	51.9
14 Paikea Street	42.5	46	40.5
15 Paikea Street	63.9	67.2	52.2
16 Paikea Street	40.7	44.6	40.7
17 Paikea Street	62.7	66.1	51.7
19 Paikea Street	58.8	62.7	49.5

PPF Address NoR 1	Existing scenario dB $L_{Aeq(24h)}$	Do-nothing scenario dB $L_{Aeq(24h)}$	Do-minimum scenario dB $L_{Aeq(24h)}$
21 Paikea Street	53.1	57.3	46.9
23 Paikea Street	50.3	54.4	46.3
25 Paikea Street	43.7	48.4	43.8
27 Paikea Street	44	47.8	46.5
29 Paikea Street	37.2	41.3	41.9
37 Pampas Drive	54.8	57.5	32
38 Pampas Drive	57.8	60.6	29.9
61A Rautahi Terrace	57.2	59.9	38.6
23 Redvale Rise	58.8	61.4	43.2
27 Redvale Rise	59.1	61.7	42.3
1 Siren Street	54.2	57	34.3
3 Snowden Road	53.3	56.1	33
8 Wright Road	58.9	61.5	42.1
8 Wright Road	56.6	59.3	39.5
39 Wright Road	69.5	72.1	51.6
46 Wright Road	57.6	60.2	40.1
46 Wright Road	53.5	56.2	36.3
46 Wright Road	55.9	58.5	38.4
51 Wright Road	62.2	64.8	44.2
51 Wright Road	60	62.7	42.1
75 Wright Road	61.9	64.6	44.1
71A Wright Road	63.9	66.6	46.5

3.1 NoR 1


NOR 1 RTC
Highgate Pkwy
Northern Mtwy
Pampas Dr
Ahutoetoe Rd
Walsh Rd
Maurice Kelly Rd
Archibald Dr
Maryvale Rd
Siren St
Snowdown Rd
John Fair Dr
Old Pine Valley Rd
Endsley Rise
Sparks Rd
Kuinga St
Pine Valley Rd
Dairy Flat Hwy
Existing


Highgate Pkwy
Northern Mtwy
Pampas Dr
Ahutoetoe Rd
Walsh Rd
Maurice Kelly Rd
Archibald Dr
Maryvale Rd
Siren St
Snowdown Rd
John Fair Dr
Old Pine Valley Rd
Endsley Rise
Sparks Rd
Kuinga St
Pine Valley Rd
Dairy Flat Hwy
Do-Nothing

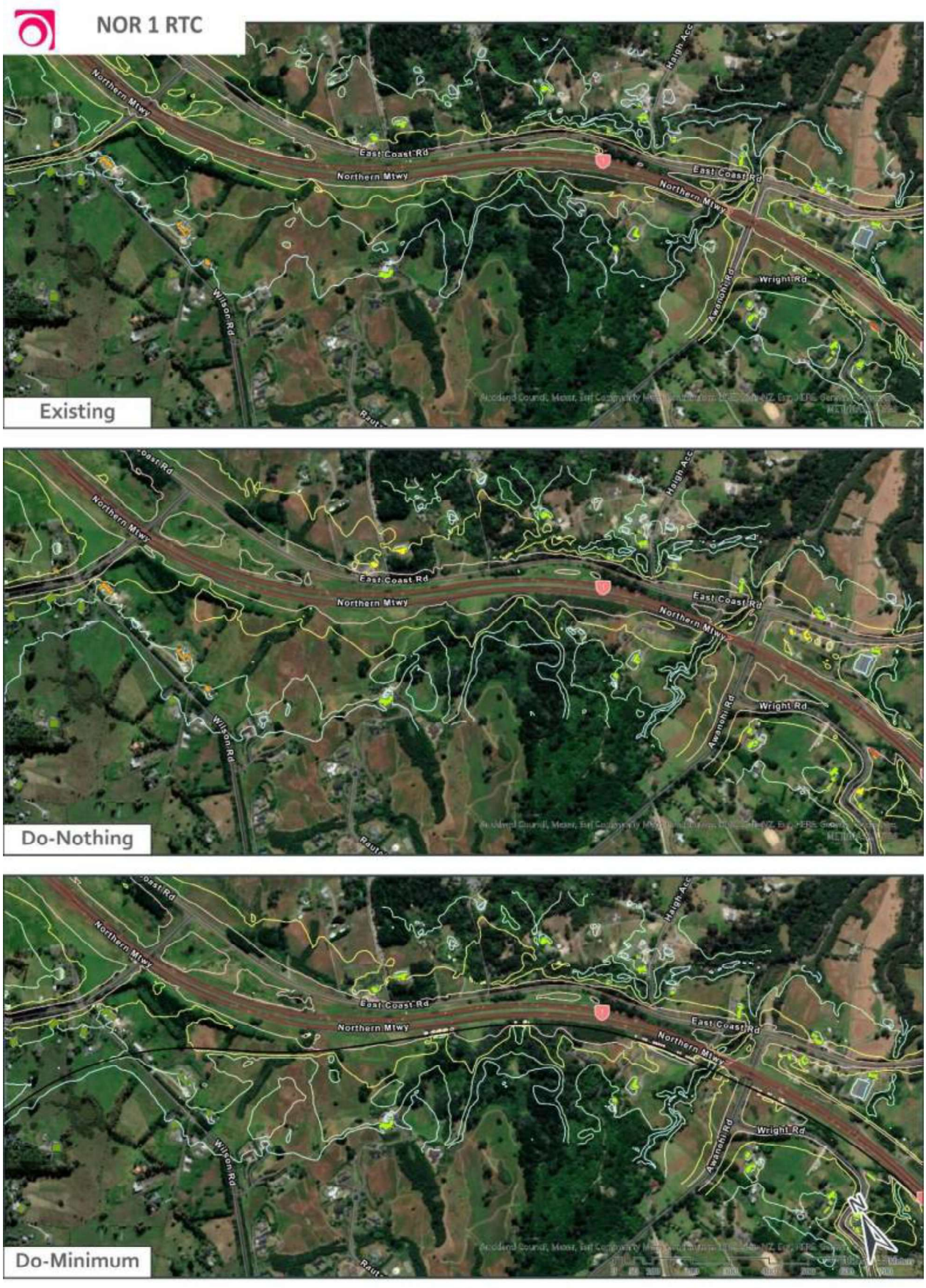

Highgate Pkwy
Northern Mtwy
Pampas Dr
Ahutoetoe Rd
Walsh Rd
Maurice Kelly Rd
Archibald Dr
Maryvale Rd
Siren St
Snowdown Rd
John Fair Dr
Old Pine Valley Rd
Endsley Rise
Sparks Rd
Kuinga St
Pine Valley Rd
Dairy Flat Hwy
Do-Minimum

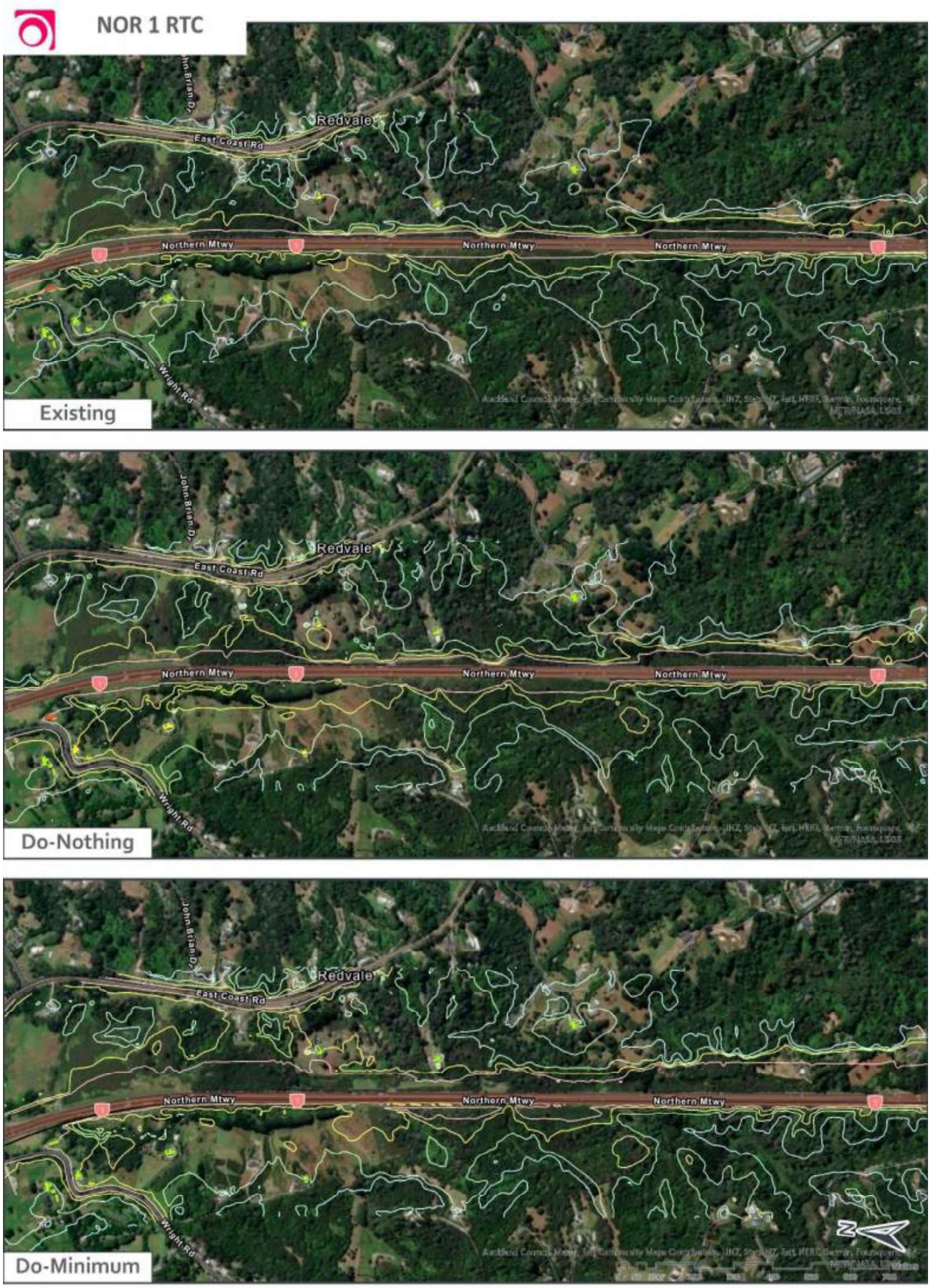

NOR 1 RTC
Existing
Do-Nothing
Do-Minimum
Dairy Flat Hwy
Wilks Rd
Lascelles Dr
Dairy Flat

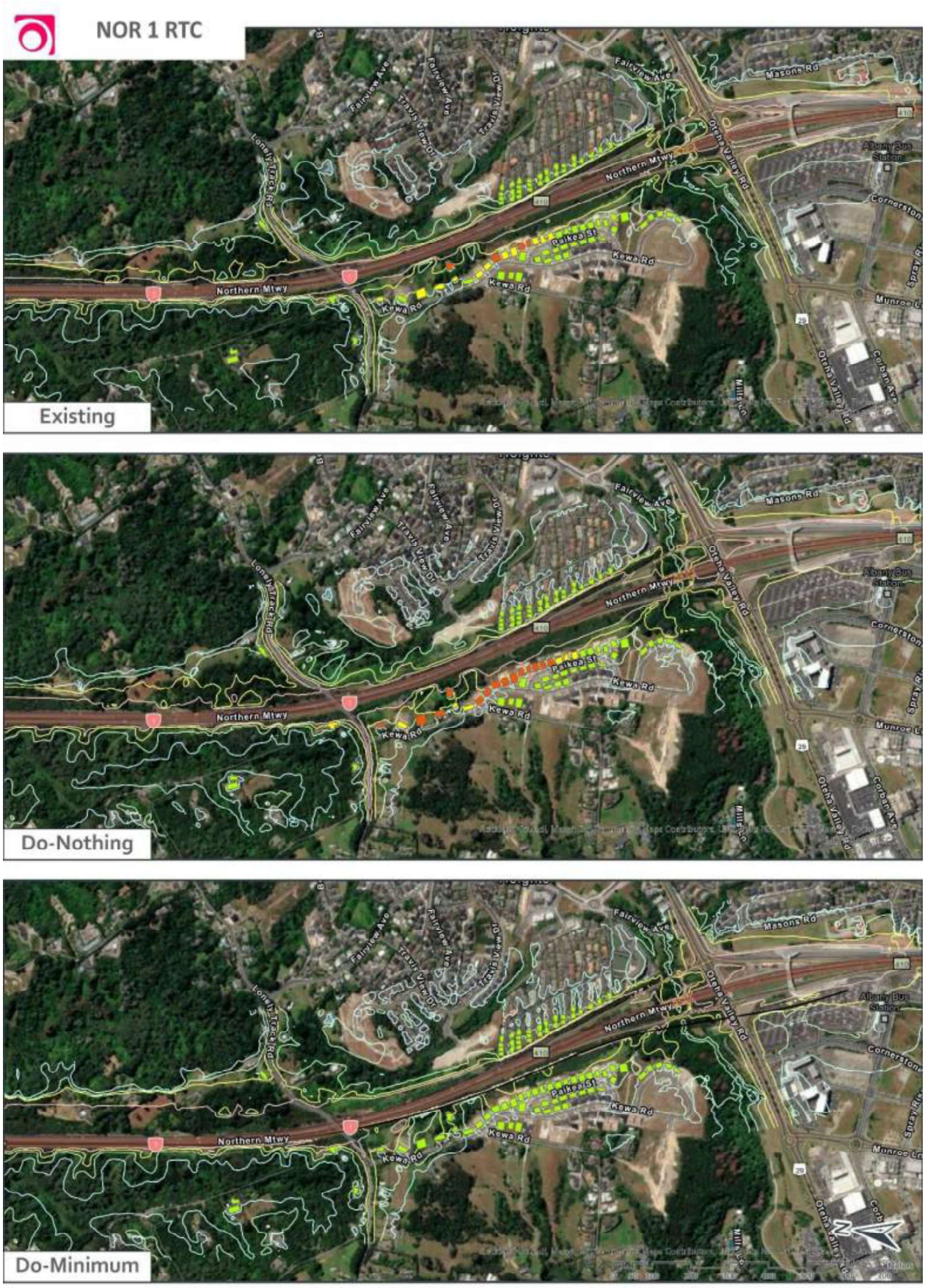

NOR 1 RTC
Postman Rd
Postman Rd
Wilks Rd
Lascelles Dr
Existing
Postman Rd
Postman Rd
Wilks Rd
Lascelles Dr
Do-Nothing
Postman Rd
Postman Rd
Wilks Rd
Lascelles Dr
Do-Minimum


NOR 1 RTC
Postman Rd
Bawden Rd
Dairy Stream Rd
Grace Hill Dr
Existing
Do-Nothing
Do-Minimum


NOR 1 RTC
Follies Way
Northern Mwy
Kingscliff Rise
Goodland Dr
Wilson Rd
Existing
Follies Way
Northern Mwy
Kingscliff Rise
Goodland Dr
Wilson Rd
Do-Nothing
Follies Way
Northern Mwy
Kingscliff Rise
Goodland Dr
Wilson Rd
N
Do-Minimum


NOR 1 RTC
Existing
Do-Nothing
Do-Minimum
Northern Mtwy
East Coast Rd
Wilson Rd
Haigh Acc
Wright Rd
Awanohi Rd


NOR 1 RTC
Redvale
East Coast Rd
Northern Mtwy
Northern Mtwy
Northern Mtwy
Wright Rd
Existing
Redvale
East Coast Rd
Northern Mtwy
Northern Mtwy
Northern Mtwy
Wright Rd
Do-Nothing
Redvale
East Coast Rd
Northern Mtwy
Northern Mtwy
Northern Mtwy
Wright Rd
Do-Minimum


NOR 1 RTC
Existing
Do-Nothing
Do-Minimum
Northern Mtwy
Kewa Rd
Paikea St
Fairview Ave
Masons Rd
Otara Valley Rd
Lonely Track Rd
Travis View Dr
Albany Bus Station
Cornerstone
Munroe Lp
Corban Ave
Mills Ln