

**Appendix I:Rodney District - Proposed walkways and cycleways - Northern Ward-Preliminary Project List**

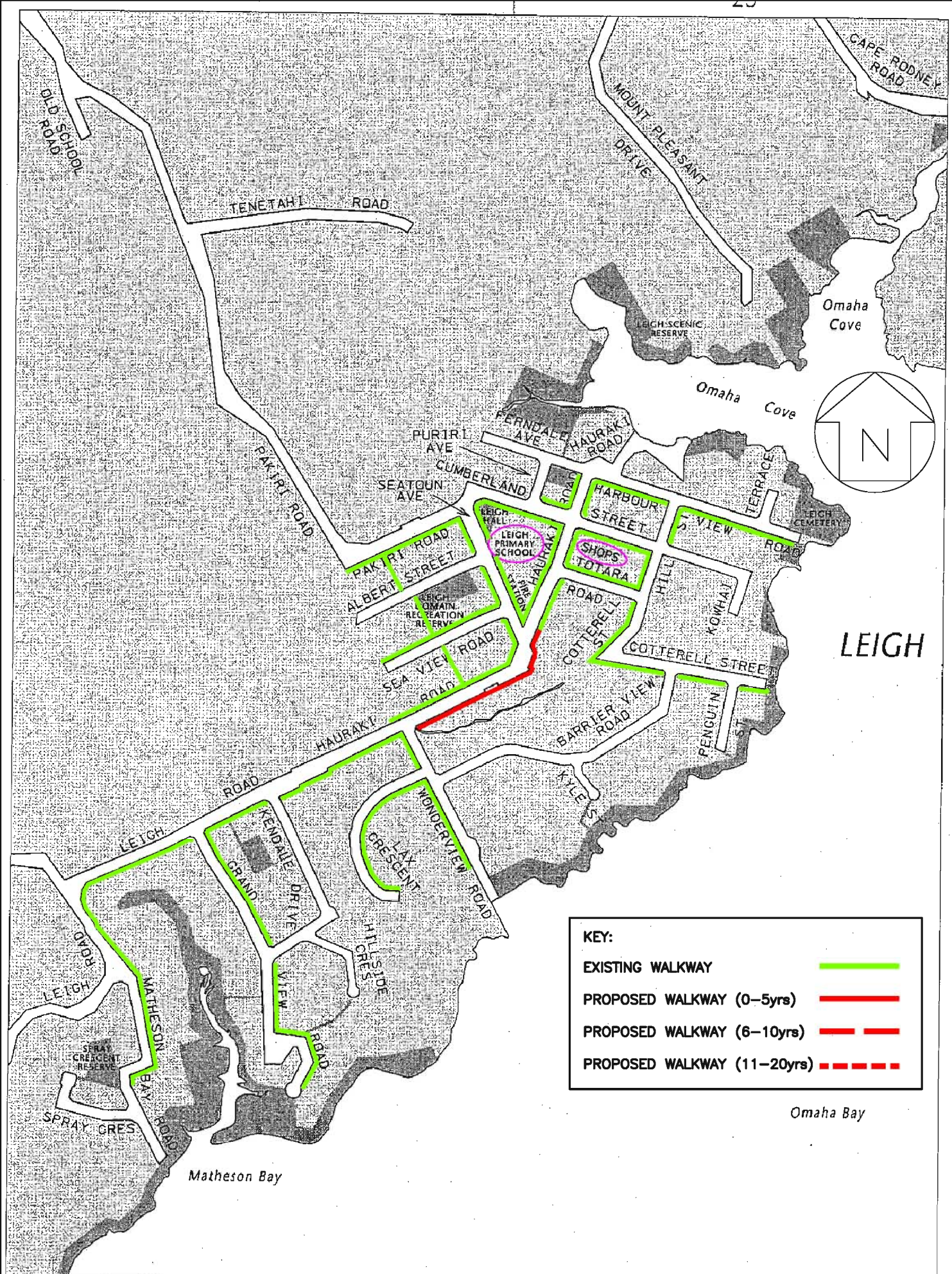
Timeframe (years)	Identifier	Name of Road/School (roll)/commercial centre or town	Physical Description & W/C generator	Route Distance (m)	Facility type (Cycleway, Walkway, combined C/W)	Safety Issues	Engineering Cost Estimate (ROC),excl. land purchase & end point facilities (\$ March 2007)	Comments  (Note - where the site is on a State Highway the walkway/cycleway proposal will be developed in collaboration with Transit New Zealand)
		<b>Schools(12)</b>						
1 - 5	1NS	Matakana School (363)	From Primary School to bridge at west end	600	C/W		C/W \$115k	No Footpath. Provide C/W 2.2m wide
1 - 5	2NS	Wellsford School (395)	School Rd from Primary School to Transpower Substation	300	C/W		C/W \$85k	Approx. 50% of pupils bus to school
1 - 5	3NS	Mahurangi College (1151)	Woodcocks Rd-north side-walkway from 670m to SH1 intersection	670	C/W	High heavy vehicle count. Commercial/Industrial activities along Woodcocks Road.	C/W \$125k	Widen existing footpath to 2.2m W/C
1 - 5	4NS	Mahurangi College, Warkworth Primary School (581), the proposed Perrendale Retail Complex, Industrial/commercial premises at Morrison Drive, Warkworth Town	Woodcocks Rd-north side-walkway from 670m to Cherry Bridge	990	C/W	High heavy vehicle count. Commercial/Industrial activities along Woodcocks Road.	C/W \$185k	No Footpath. Provide C/W 2.2m wide
1 - 5	5NS		SH1 from McKinney Road to Woodcocks Road	900	C/W	High traffic volumes on SH1.	No estimate - TNZ approval needed	New C/W to link to proposed residential development along McKinney Road
1 - 5	6NS		SH1 from Woodcocks Rd to Hill St	1000	C/W	High traffic volumes on SH1.	No estimate - TNZ approval needed	Widen existing FP to C/W
1 - 5	7NS		SH1 from Hill St to Hudson Rd	1100	C/W	High traffic volumes on SH1. No facility for C/W along SH1 from Warkworth to industrial activities and sports fields	No estimate - TNZ approval needed	No Footpath. Provide C/W 2.2m wide
1 - 5	8NS		SH1-New footbridge for C/W across Mahurangi River	30	C/W	High traffic volumes on SH1.	No estimate - TNZ approval needed	New footbridge for C/W abutting existing bridge across Mahurangi River
1 - 5	9NS		Warkworth School, new residential areas along Victoria St and Lyttle Lane and new industrial areas along Hudson Rd	Hill St from SH1 to View Rd	700	C/W		C/W \$135k
1 - 5	10NS		Part of Falls Rd from View Rd to Hudson Rd	300	C/W		C/W \$60k	New C/W north side
1 - 5	11NS	Rodney College (310)	Provision of some combined C/W facilities needs discussion with the school	TBA	C/W		TBA	School has good footpath access including subway under SH1
1 - 5	12NS	Leigh School (77)	Pakiri Rd from Sawmill Café to Primary School	250	C/W		C/W \$60k	Existing 900mm wide walkway. Widen to 2.2m C/W
1 - 5	13NS	Kaipara Flats School (83)	Nominal provision at school entrance/bus bay	200	W			
1 - 5	14NS	Tauhoa School (38)	Nominal provision at school entrance/bus bay	200	W			
1 - 5	15NS	Tapora School (55)	Nominal provision at school entrance/bus bay	200	W			
6 - 10	16NS	Tomarata School (107)	School Rd(Tomarata) from Primary School to 1km from school (west)	1000	C/W		Enabling \$50k C/W \$190k	No Footpath. Provide C/W 2.2m wide
6 - 10	17NS	Tomarata School	School Rd(Tomarata) from Primary School to 1km from school (east)	1000	C/W		Enabling \$50k C/W \$190k	No Footpath. Provide C/W 2.2m wide

**Appendix I:Rodney District - Proposed walkways and cycleways - Northern Ward-Preliminary Project List**

Timeframe (years)	Identifier	Name of Road/School (roll)/commercial centre or town	Physical Description & W/C generator	Route Distance (m)	Facility type (Cycleway, Walkway, combined C/W)	Safety Issues	Engineering Cost Estimate (ROC),excl. land purchase & end point facilities (\$ March 2007)	Comments  (Note - where the site is on a State Highway the walkway/cycleway proposal will be developed in collaboration with Transit New Zealand)
6 - 10	18NS	Tomarata School	School Rd (Tomarata) from 1km to 3km from School	2000	C/W		Enabling \$100k C/W \$380k	No Footpath. Provide C/W 2.2m wide
6 - 10	19NS	Snells Beach (new school to be constructed)	Needs for walking/cycling to school to be assessed nearer school implementation time.	4000			Identify C/W requirements as part of school development planning	
11 - 20	19NS'	Pakiri School (9)	Pakiri Rd from Primary School to 1km each way	1000	C/W		Enabling \$50k C/W \$190k	No Footpath. Provide C/W 2.2m wide
11 - 20	20NS	Pakiri School	Pakiri Rd from Primary School to 1km each way	1000	C/W		Enabling \$100k C/W \$380k	No Footpath. Provide C/W 2.2m wide
11 - 20	21NS	Pakiri School	Pakiri River Rd from Pakiri Rd intersection to End of Seal	300	C/W		C/W \$65k	No Footpath. Provide C/W 2.2m wide
11 - 20	22NS	Pakiri School	Bathgate Rd from Pakiri Rd intersection to End of Seal	250	C/W		C/W \$60k	No Footpath. Provide C/W 2.2m wide
11 - 20	23NS	Ahuroa School (14)	Nominal provision at school entrance/bus bay	200	W		\$40k	
		<b>Commercial/town centres-links to residential areas</b>						
1 - 5	1NC	Wellsford	Matheson Rd from SH1 to Railway Bridge	200	C/W	High heavy vehicle flows.Logging, quarry,stock and fertiliser truck route.		Completed in 05/06
1 - 5	2NC	Omaha	Broadlands Drive from Omaha Drive intersection to end of causeway( Shop/Café)	1300	C/W	No C/W facility from residential area to convenience shop and café		Stage 1 works completed in 05/06
1 - 5	3NC	Wellsford	SH16 from SH1 to Davies Rd	400	C/W	High traffic volumes on SH16.	C/W \$75k	Existing FP both sides about 70% length. Widen FP north side to W/C
1 - 5	4NC	Wellsford	Worker Rd from SH1 to End of Seal (House No. 82)	450	C/W		C/W \$85k	W/C long term- south side
1 - 5	5NC	Matakana	Matakana Valley Rd from Matakana Road intersection to 10th Power pole on Matakana Valley Rd	450	C/W	No cycling facility from village to residential area.	C/W \$85k	Existing narrow FP on east side. Build new W/C west side
1 - 5	6NC	Puhoi	Ahuroa Rd-Walkway from first bridge to past second bridge	500	C/W	No C/W facility from Puhoi Village to church and museum	Bridges \$70k C/W \$95k	(a) Footbridge-12m (b) Footbridge 7m Tourist area
1 - 5	7NC	Leigh	Hauraki Rd & Leigh Rd from Cumberland St(shop/café) to Matheson Bay Rd	1250	C/W	High summer traffic volumes		Build new C/W along south side
1 - 5	8NC	Omaha	Omaha Drive-from North Omaha Reserve to Broadlands Dr, to link with constructed causeway section	1800	C/W	High summer traffic volumes	C/W \$350k	
1 - 5	9NC	Sandspit	Sandspit Rd-400m section north of Beach St /Sandspit Rd intersection	400	W	High summer traffic volumes	W \$80k	Completes route from wharf to residential area
6 - 10	10NC	Te Hana - proposed new marae	SH1 from House No. 34 to new Marae site	850	C/W	High traffic volumes on SH1.	C/W \$160k	C/W on eastern side

**Appendix I:Rodney District - Proposed walkways and cycleways - Northern Ward-Preliminary Project List**

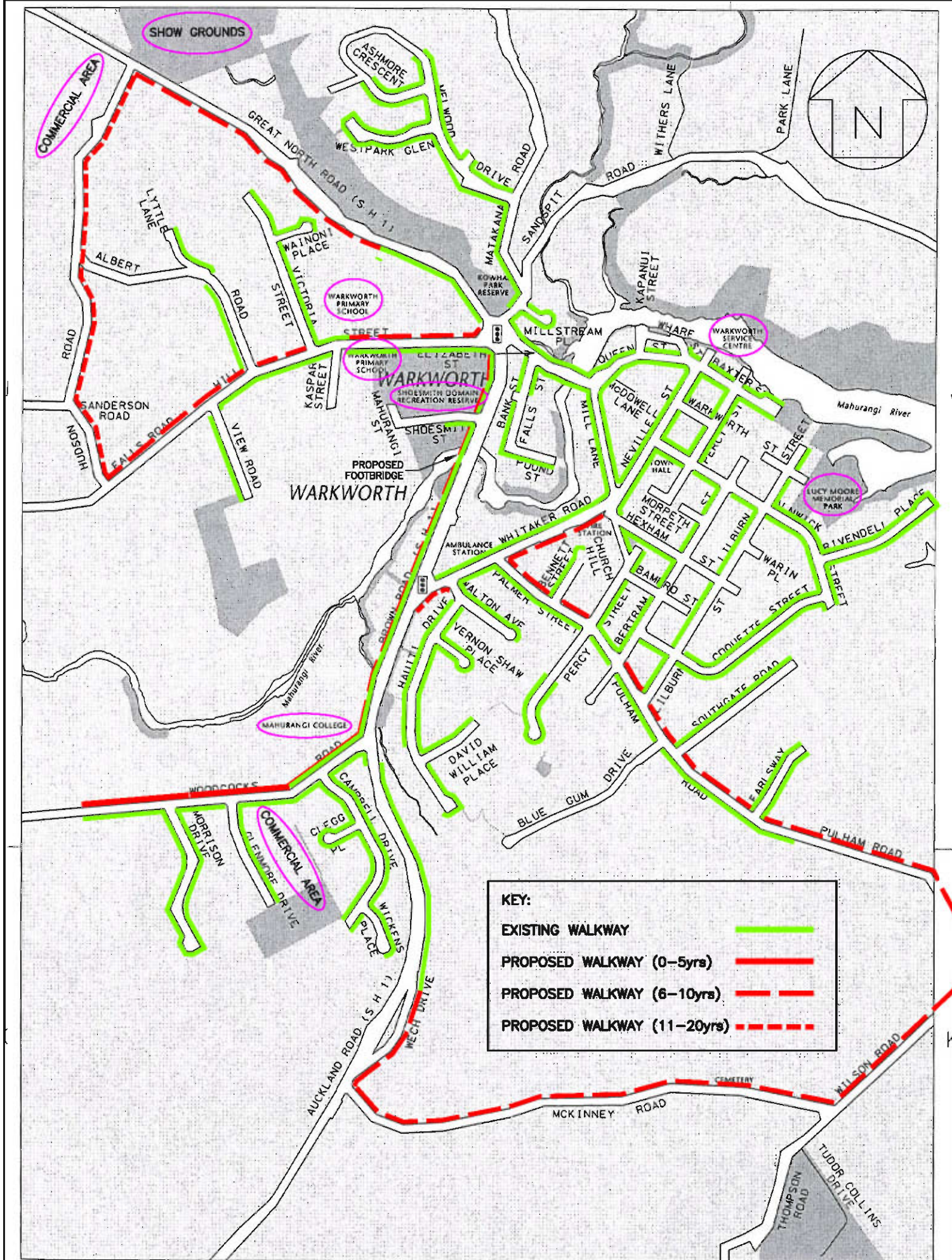
<b>Timeframe (years)</b>	<b>Identifier</b>	<b>Name of Road/School (roll)/commercial centre or town</b>	<b>Physical Description &amp; W/C generator</b>	<b>Route Distance (m)</b>	<b>Facility type (Cycleway, Walkway, combined C/W)</b>	<b>Safety Issues</b>	<b>Engineering Cost Estimate (ROC),excl. land purchase &amp; end point facilities (\$ March 2007)</b>	<b>Comments  (Note - where the site is on a State Highway the walkway/cycleway proposal will be developed in collaboration with Transit New Zealand)</b>
6 - 10	11NC	Wellsford	SH16 from Davies Road to 100km/h Sign (House No. 317)	1500	C/W	High traffic volumes on SH16.	Enabling \$150k C/W \$280k	Existing FP one side, new W/C other side
6 - 10	12NC	Wellsford	School Rd from Watson Place to Wellsford Valley Road	500	C/W		C/W \$95k	No Footpath. Provide C/W 2.2m wide
6 - 10	13NC	Warkworth town - proposed residential development between McKinney Road and existing MUL	McKinney Rd from SH1 to Wilson Rd	1000	C/W		Enabling \$100k C/W \$185k	
6 - 10	14NC		Wilson Rd from McKinney Rd to Pulham Rd	500	C/W		C/W \$95k	
6 - 10	15NC		Palmer St from Whitaker Road to Pulham Road	280	C/W		C/W \$75k	
6 - 10	16NC		Pulham Rd from Palmer St to Wilson Rd	1300	C/W		C/W \$245k	
6 - 10	17NC		Warkworth	Whitaker Rd from SH1 to Church Hill	430	C/W		Enabling \$100k C/W \$80k
11 - 20	18NC	Warkworth -industrial park along Hudson Road	Hudson Rd from Falls Rd to SH1	1050	C/W		C/W \$145k	No footpath provide new C/W 2.2m wide
11 - 20	19NC	Warkworth - proposed new industrial, commercial and retail development west of SH1	Proposed new Warkworth western collector - from SH1 I/S at north end to SH1 I/S at south end	4000	C/W		C/W	The proposed C/W would be built as part of the Warkworth Western Collector proposed in the Warkworth Structure Plan (2004)
		<b>Arterials &amp; State Highways(medium distance work routes)</b>						
11 - 20	1NA	SH1(Te Hana to Wellsford)	SH1 from Te Hana to Wellsford -work & commerce link	5000	C	High traffic volumes on SH1.	Not calculated as need Transit NZ approval	Provide cycleway on-road both directions,where sufficient width exists
11 - 20	2NA	Matakana Rd (Matakana to Warkworth)	Matakana Rd from Matakana to Warkworth-work & commerce link	8900	C	High summer traffic volumes.	Cost estimate still to be prepared	Provide cycleway on-road both directions,where sufficient width exists
11 - 20	3NA	Matakana Rd/ Leigh Rd/ Takatu Rd/ Omaha Flats Rd (Matakana to Omaha)	Omaha to Matakana - work & commerce link	10500	C	High summer traffic volumes.	Cost estimate still to be prepared	Provide cycleway on-road both directions,where sufficient width exists
11 - 20	4NA	Sandspit Rd & Mahurangi East Rd ( Warkworth to Snells Beach)	Sandspit Rd & Mahurangi East Rd ( Warkworth to Snells Beach) - work & commerce link	8700	C	High summer traffic volumes.	Cost estimate still to be prepared	Provide cycleway on-road both directions,where sufficient width exists



**PROJENZ**  
 Professional Engineering Services  
 PO Box 301 254 Albany Auckland  
 Ph 09-913-3688 Fax 09-415-5064  
 Email admin@projenz.co.nz

TITLE  
**LEIGH WALKWAY PLAN**  
 CLIENT  
 RODNEY DISTRICT COUNCIL

DATE  
 OCT 2005  
 SCALE  
 1:10,000  
 DRAWING NUMBER  
 0450-078-C-Leigh  
 REV



**PROJENZ**  
 Professional Engineering Services

PO Box 301 254  
 Albany  
 Auckland

Ph 09-913-3888  
 Fax 09-415-5064  
 Email  
 adm@projenz.co.nz

TITLE  
**WARKWORTH WALKWAY PLAN**

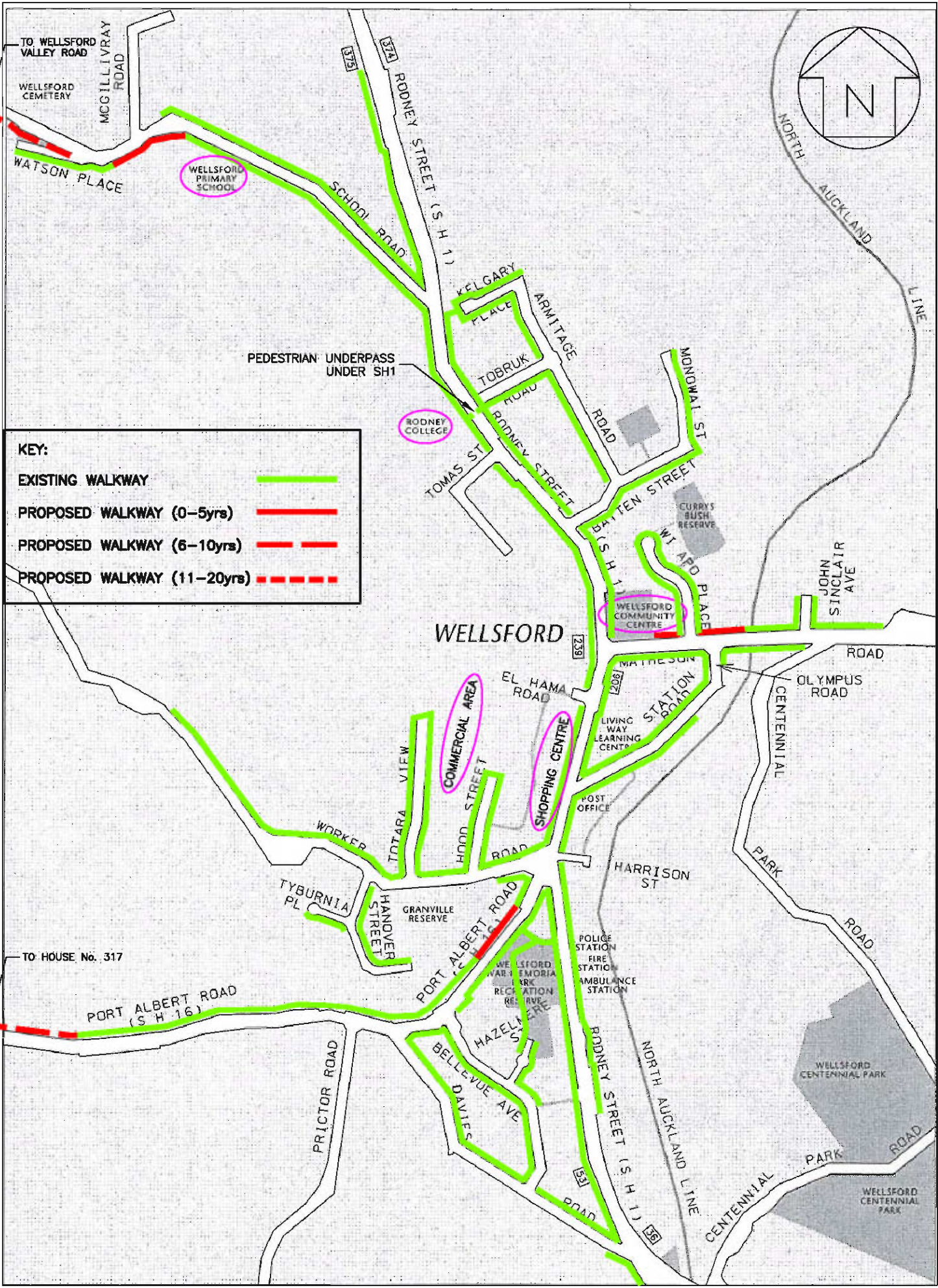
CLIENT  
 RODNEY DISTRICT COUNCIL

DATE  
 SEPT 2005

SCALE  
 1:12,000

DRAWING NUMBER  
 0450-078-C-Wark

REV



<p><b>PROJENZ</b> Professional Engineering Services</p> <p>PO Box 301 254 Albany Auckland</p> <p>Ph 09-913-3688 Fax 09-415-5064 Email admin@projenz.co.nz</p>	<b>TITLE</b> <p style="text-align: center;"><b>WELLSFORD WALKWAY PLAN</b></p>		<b>DATE</b> <p style="text-align: center;">AUG 2005</p>	<b>SCALE</b> <p style="text-align: center;">1:10,000</p>
	<b>CLIENT</b> <p style="text-align: center;">RODNEY DISTRICT COUNCIL</p>		<b>DRAWING NUMBER</b> <p style="text-align: center;">0450-078-C-Well</p>	<b>REV</b>