

## Waitai Coastal-Burwood-Linwood Community Board **Information Session/Workshop MINUTES ATTACHMENTS**

**Thursday 28 November 2024** 

**Boardroom, Corner Beresford and Union Streets,** 

3.31 pm

Date: Time:

Venue:

		New Brighton	
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# Purpose of Briefing

## To provide information on:

- The purpose of programmes
- The rationale for selecting the projects within them
- The projects relevant to your Community Board

## Opportunity for the Board to:

- Ask questions to understand this information more fully
- Raise particular sites that may have been missed





# Overall Transport Capital Portfolio

Sum of Sum of Budget Activity	₹ Programme Name	FY25 Budget	EV26 Budget	EV27 Rudget	FV28 Rudget	FV29 Rudget	EV30 Budget	EV31 Rudget	EV32 Rudget	EV33 Rudget	FV34 Rudget	Grand Total
■Transport Access		\$8.870	r i zo budye i	r12/ buuget	r i zo buuye i	r 129 buuget	r 130 buuyet	risibuuyet	r r sz budyet	rraabuuget	r 134 buuget	Stand lot
in in an apoint Access	AAC Transport Plan		\$10.399,715	\$4.319.378	\$1,612,872	\$2,423,600						\$24.19
	Programme - Access Ancillary Projects	\$755.330	\$10,377,713	\$329.662	\$1,012,072	\$2,423,000						\$1.08
	Programme - Brougham Street	\$133,330		\$209.510								\$1,00
	Programme - Capital Regeneration Acceleration Fund (CRAF)	en 242 427	\$11.027.240	\$294,406								\$20.68
	Programme - Carriageways Renewals	\$38.111.373			647 04E 140	eE2 142 000	\$60.314.667	\$40 E74 021	¢40 4E2 107	£70 E24 43E	601 770 277	
	Programme - Cathedral Square	\$1,253,861	\$340.532		\$2,913,022		\$3,771,469		300,003,197	\$70,034,020	301,779,277	\$26.25
	Programme - Cycle/Pedestrian Improvements	\$356.677	\$606,594	\$180,000	\$2,913,022	\$0,000,309	\$3,771,409	\$11,703,890				\$20,20
		\$3.713.183			\$4.874.260	\$5.545.824	\$5.667.832	\$6.371.777	\$6,505,584	\$7.238.941	\$7.383.720	
	Programme - Footpaths & Cycleways Renewals Programme - Intersection Safety	\$645,996			\$1,379,298		\$5,007,832	\$0,3/1,///	\$0,000,084	\$7,238,941	\$7,383,720	\$55, 13
	Programme - Intersection safety  Programme - Major Cycleways	\$366.341	\$1,000,000		\$1,379,298	\$1,000,099						\$3,16
					\$8.002.644	\$2.183.964	\$1.192.159	\$1,472,078				\$33.54
	Programme - Network Improvements	\$7,155,678	\$8,414,660		\$8,002,644		\$1,192,159	\$1,472,078				
	Programme - Safety Ancillary Projects	\$130,141	40 700 47/	\$220,000	AF 040 470	\$234,022	*** *** ***	440 750 004	*** 50 / 005	******	*** *** ***	\$58
	Programme - Signals, Signs & Lights Renewals	\$736,122		\$5,495,449	\$5,218,479	\$9,393,975	\$11,068,610	\$13,753,821	\$13,536,835	\$14,169,519	\$14,336,001	\$90,49
	Programme - Speed Management Plan	\$2,859,366		40 (07 700	*****	4004.000	4007 740	4004 704	4007.513	4044 000	404/404	\$3,97
	Programme - Subdivisions Infrastructure	\$3,504,172			\$4,061,308	\$221,833	\$226,713	\$231,701	\$236,567	\$241,298	\$246,124	
	Programme - Suburban Masterplans	\$1,059,089			\$3,724,791	\$9,085,797	\$43,322					\$21,0
	Programme - Tram Renewals	\$106,566		\$56,460								\$2
	Programme - Transport Andillary Renewals	\$1,920,697		\$338,490	\$346,614	\$244,016	\$249,385	\$254,871	\$260,223	\$265,428	\$270,736	
	Programme - Transport Landscape Renewals	\$1,188,455			\$2,848,734		\$3,684,091	\$3,797,536	\$3,909,331	\$4,020,957		
	Programme - Transport Structures	\$9,116,380		\$14,193,452	\$22,181,900	\$28,712,905	\$22,628,888	\$9,002,927	\$19,014,002	\$19,404,899	\$16,923,409	\$171,43
	Programme-Paving Central city, City Mall and High Street	\$0										
Transport Access Total			\$106,226,834	\$96,217,542	\$104,229,090	\$121,476,661	\$108,847,136	\$116,222,623	\$112,115,740	\$123,875,668	\$125,075,537	
Transport Environment		\$1,356,562										\$1,35
	AAC Transport Plan	\$1,190,908	\$1,647,026									\$2,83
	Programme - Access Ancillary Projects	\$667,201										\$66
	Programme - Capital Regeneration Acceleration Fund (CRAF)	\$2,689,583										\$3,94
	Programme - Carriageways Renewals	\$2,452,932		\$5,288,910	\$8,715,844	\$5,545,824	\$5,667,832	\$5,792,525	\$5,914,168	\$6,032,451	\$6,153,100	
	Programme - Cycle/Pedestrian Improvements	\$1,650,749			\$1,042,840	\$1,586,106	\$5,327,762	\$4,634,020	\$1,655,967	\$5,187,908	\$20,797,478	
	Programme - Footpaths & Cycleways Renewals	\$157,679										\$54
	Programme - Major Cycleways			\$22,957,012	\$13,685,303		\$16,370,023	\$24,904,815	\$25,991,800	\$4,825,961		\$158,68
	Programme - Public Transport	\$4,490,729			\$6,576,004	\$13,975,476	\$13,149,370	\$9,615,591	\$9,817,518	\$10,134,518	\$19,689,920	
	Programme - Tram Renewals	\$100,000		\$3,800,000	\$200,000							\$5,00
	Programme - Transport Ancillary Renewals	\$88,396										\$13
Fransport Environment Tot	al	\$30,542,753		\$37,078,373	\$30,219,991	\$37,733,204	\$40,514,988	\$44,946,950	\$43,379,453	\$26,180,837	\$46,640,498	
■Transport Safety		\$54,932										\$5
	Port Hills Mass Movement Remediation Programme	\$224,985										\$42
	Programme - Access Ancillary Projects	\$232,459		\$317,335								\$85
	Programme - Capital Regeneration Acceleration Fund (CRAF)	\$2,399,238										\$4,79
	Programme - Carriageways Renewals	\$1,666,626	\$147,377	\$149,724	\$164,010							\$2,12
	Programme - Cycle/Pedestrian Improvements	\$830,079										\$83
	Programme - Intersection Safety	\$2,083,249										\$2,08
	Programme - Network Improvements	\$2,060,958	\$2,468,905	\$584,223								\$5,1
	Programme - New Footpaths	\$325,000	\$1,034,000	\$2,115,564	\$2,166,338	\$2,218,330	\$2,267,133	\$2,317,010	\$2,365,667	\$2,412,980	\$2,461,240	\$19,68
	Programme - Safety Ancillary Projects	\$1,377,683	\$3,380,345	\$2,432,459	\$2,812,237	\$2,880,051	\$2,945,385	\$1,274,797	\$1,552,056	\$1,597,308	\$1,644,084	\$21,89
	Programme - Signals, Signs & Lights Renewals	\$5,417,299	\$9,483,980	\$6,958,032	\$5,145,052	\$332,749	\$340,070	\$347,551	\$354,850	\$361,947	\$369,186	\$29,11
	Programme - Speed Management Plan	\$581,767										\$5
	Programme - Subdivisions Infrastructure	\$870,000	\$1,000,000	\$447								\$1,8
	Programme - Transport Ancillary Renewals		\$260.803	\$769.130	\$788.966	\$754.232	\$770.825	\$787.783	\$880,550	\$899.950	\$919.815	
	Programme - Transport Structures	\$347,101	\$107,922	\$371,408	\$206.842		,	,				\$1.03
Transport Safety Total		\$18.471.375			\$11,283,445	\$6.185.363	\$6.323.413	\$4,727,142	\$5,153,123	\$5,272,186	\$5,394,325	
Grand Total				\$146,994,237								

The Transport Unit is planning to spend just under \$1.6bn over the 10 years of the LTP.

The Portfolio was split into three pillars that support Council's strategic aims and are discussed in our Activity Management Plan: Access, Environment and Safety.

Each of these Pillars was further split into Programmes, that target different elements of our Levels of Service and legal requirements.

Below this are the individual projects, that are where the works you see are delivered from and charged to.



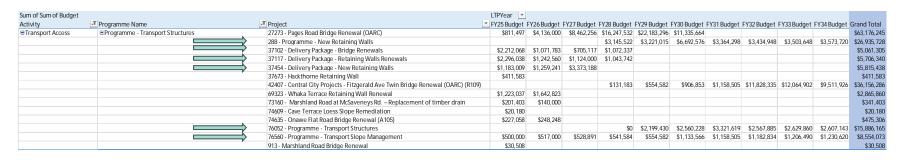


# What are the Programmes?

Sum of Sum of Budget			LTPYear	<b>T</b>				
Activity	✓ Programme Name	<b>₹</b> Project	FY25 Budg	et FY26 Budget	FY27 Budget	FY28 Budget	FY29 Budget	<b>Grand Total</b>
■Transport Access	■ Programme - Intersection Safety	2034 - Burwood & Mairehau Intersection Improvement	\$39,	69	\$101,882	\$1,379,298	\$1,006,699	\$2,527,348
		235 - Belfast & Marshland Intersection Safety Improvement	\$24,0	195				\$24,095
		42027 - Wigram & Hayton Intersection Improvement	\$482,	13 \$1,000,000	\$1,000,000			\$2,482,913
		60100 - Prestons & Main North Road Intersection Safety Improvem	nent \$73,3	29				\$73,329
		60104 - Prestons & Grimseys Intersection Improvement	\$26,	89				\$26,189

Many of the Programmes were fully or partially drawn down into projects before the LTP was finalised. Above is an example of a Programme that was already fully drawn down before the LTP was complete, so the works already agreed.

However, others – such as below - have elements which have not been drawn down, and staff need to develop the individual projects or sites that will best meet Council's requirements. These are what we are here to discuss.



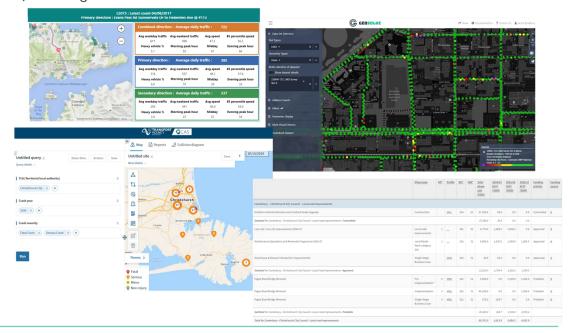




# How do staff choose the projects and priorities?

Choosing what should be done and when is different depending on the Programme, but as much as possible we are data driven, using objective, empirical and auditable data. Examples of the things we use include:

- Conditions associated with NZTA (or other) funding
- Legislative changes
- Asset condition data
- Asset age
- Asset use
- Tying in with other capital projects
- Official accident records
- Public complaints
- Community Board requests
- Subdivision development
- Public transport delays
- Etc



WORKING DRAFT FOR LTP DEVELOPMENT





# Are the projects fixed?

Much of the information we use to select projects/sites is liable to change, for example:

- New asset survey data?
- Funding availability?
- Legislative changes: speed limits, TTM requirements, etc?
- Changes in priorities in our partners: 3 waters, utility providers, ECan?
- Annual Plan feedback?
- Changes to development patterns?
- Changes to project delivery: cost escalation, delays, changes in political appetite?

These may cause projects to appear, drop off, or be re-prioritised.

### The programmes are dynamic and will change

In terms of influencing the priorities:

- Year 1 is locked in
- Year 2 is mostly finalised little scope for change
- Year 3 has more scope for change
- Year 4+ has significant scope for change





# Funding - National Land Transport Fund + others

- We're told: NZTA funding through the NLTF is the second largest source of revenue after rates
- CCC were very successful in the 24-27 NLTF
  - o Greater than 30% increase in allocated funding vs last NLTF, and well above South Island and comparable metropolitan councils.
  - o However, to access this CCC need to follow their rules around eligibility and process we will be audited!
- There are other sources of funding from government, but again these have strict scope, eligibility, process and reporting requirements that must be met
  - o Christchurch Regeneration Acceleration Funding
  - o Shovel Ready
  - o Crown Resilience Programme
- Many of the programmes have been designed to maximise this investment, so any changes may put significant revenue at risk









## Major Programmes

## Resurfacing

- o Condition and age based
- o Waterproofs and extends the life of the road

### Rehabilitation

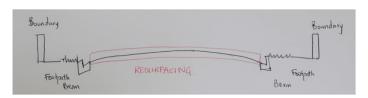
- Condition based areas
- o Improves the strength of roads

### Street Renewals \*

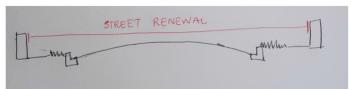
- o Condition ratings all assets
- o Resets the assets life back to 0 years
- o Can include amenity improvement considerations

## Footpath Resurfacing

- o Condition and age based
- o Significantly extends the life of the footpath







The latest programmes for the current and following year are available here: ccc.govt.nz/transport/improving-our-transport-and-roads/resurfacing/





### **Programme: Road Surfacing Renewals**

#### Aims /Objectives/LoS

This programme aims to assess and prioritise locations requiring new pavement strengthening. The pavement rehabilitation will typically incorporate digouts and new compacted pavement materials and often include recycling of the existing removed material for sustainability. The final completed works are resurfaced in a way to ensure the most cost-effective solution over the pavement life.

This is done in line with our Level of Service as defined in the Activity Management Planagement Planageme

16.0.1 Maintain roadway condition to an appropriate national standard, measured by the percentage of the sealed road network that is resurfaced each year ≥4%

16.0.2 Improve roadway condition, to an appropriate national standard, measured by smooth travel exposure ≥75%

16.0.3 Maintain resident satisfaction with road condition ≥30%

#### **Data Collection**

Asset data had been collected primarily by onsite inspection and assessment, and is stored in RAMM, the asset management tool all roading authorities are required to use if they are going to seek NZTA funding contributions.

Data includes frequency of occurrence and types of faults such as longitudinal cracking, crazing, shoving. A road roughness survey is carried out to determine each roads rating. This is done by a contractor with a special vehicle and equipment. Going forward NZTA are taking over this assessment on all roads nationwide and will supply information to councils.

Very recently, technology has allowed new forms of testing called Multi Spectrum Deflectometer (MSD) and Laser Measured Deflectometer (LMD). This testing will be used to provide an additional level of data for assessment and is considered a major step forward.

#### Criteria for Selection

Condition and remaining lifespan are the primary criteria for selection. Potential locations are initially determined from:

- Deferred locations from the previous year
- · Recommendations from contractors and council staff
- Condition survey data
- Surface layer age analysis
- Pavement condition (layers below the top seal)
- Roughness rating

#### Prioritisation - how and what

The initial list of sites requiring resurfacing is compiled based on asset condition data.

Prioritisation is then carried and includes the following considerations:

- . Conflict/coordination with other projects and programmes in the same location
- · Significance and amount of defects present
- Traffic volume and composition analysis
- Local land use and facilities

#### Validation

Validation of the prioritised list is completed by onsite inspections to ensure the data is reflective of actual condition,

During the year of actual delivery further on-site validation assessments are conducted by the Capital Delivery Team and contractors during the scoping phase to consider efficiencies in delivery and achievement of levels of service relating to length of asset resurfaced.

### **Cost Estimation and Assumptions**

Cost estimates are based on rates derived across all maintenance contracts. Delivery is managed to ensure it remains within budget; any works unable to be delivered in a financial year are moved into the following financial year as the highest priority.





# Road Surfacing Renewals – Waitai C-B-L (FY25)

al Type	.x Road	▼ Start Name		<u></u> Length (n   ✓	Ward J		,₹ Road			<u>Y</u> Length (n  Y  Y  Y  Y  Y  Y  Y  Y  Y  Y  Y  Y  Y	Ward
nip Seat	ALPINE VIEW LANE	#32	ROUNDABOUT	36	BURWOOD	Chip Seal	BADGERST	BEACH RD	SYLVIA ST	155	COASTAL
nip Seat	BASINGSTOKEST	HAMPSHIREST	PORTSMOUTH ST	610	BURWOOD	Chip Seal	BELLAMY AVE 2 WEST PINE AVE	ESTUARY RD	PINE AVE	142	COASTAL
nip Seat	BELFIELD ST	MCBRATNEYS RD	BRAMWELL ST	185	BURWOOD	Chip Seal	BOWHILL RD	MARINE PDE	MARRIOTTS RD	812	COASTAL
nip Seat	BELFIELD ST	BRAMWELLST	STRATHFIELD AVE	109	BURWOOD	Chip Seal	CYGNET ST	MARINE PDE	END OF CUL DE SAC	393	COASTAL
nip Seat	BRAMWELL ST 2 EAST BELFIELD ST	BELFIELD ST	END OF CULDE SAC	117	BURWOOD	Chip Seal	ENDEAVOUR ST	EFFINGHAM ST	ROYALIST AVE	103	COASTAL
nip Seat	CHERITON ST	HAMPSHIRE ST	EUREKA ST	89	BURWOOD	Chip Seal	ESTUARY RD	JERVOIS ST	KIBBLEWHITE ST	21	COASTAL
nip Seat	CRESSWELL AVE 1 WEST GAYHURST RD	NEW BRIGHTON RD	GAYHURST RD	342	BURWOOD	Chip Seal	HERON ST	ROCKING HORSE RD	END OF CUL DE SAC	184	COASTAL
nip Seat	EUREKA ST	CHERITON ST	SOBERTON ST	220	BURWOOD	Chip Seal	JELLICOE ST	ESTUARY RD	END OF CUL DE SAC	67	COASTAL
nip Seat	GOSPORT ST	BREEZES RD	ALDERSHOT ST	112	BURWOOD	Chip Seal	LOWER STYX RD	HEYDERS	EARLHAM	1856	COASTAL
nip Seat	HAMPSHIRE ST	BREEZES RD	LYNHURST CRES	163	BURWOOD	Chip Seal	LOWER STYX RD	EARLHAM	Lone house at 968	693	COASTAL
	HAMPSHIRE ST	LYNHURST CRES	MARLOW RD	224	BURWOOD	Chip Seal	LOWER STYX RD	Lone house at 968	#1014	481	COASTAL
nip Seat	LAKE TERRACE RD 1 EAST BURWOOD RD		BURWOOD	119	BURWOOD	Chip Seal	LOWER STYX RD	#1014	HARBOUR Rd	736	COASTAL
nip Seat		NEW BRIGHTON				Chip Seal	MARINE PDE 4 BERESFORD TO CASPIAN	#470	#483	122	COASTAL
nip Seat	LENTON ST	SHORTLAND	BREEZES	342	LINWOOD	Chip Seal	MOUNTBATTEN ST	UNION	MARINE PDE	330	COASTAL
nip Seat	LYNDHURST CRES	HAMPSHIREST	HAMPSHIRE St	526	BURWOOD	Chip Seal	RIVERLEA ESTATE DRV 1 OFF KAINGA R	KAINGA RD	PINE AVE	375	COASTAL
nip Seat	MARSHLAND RD SHOPS / ACCESS	OSHEAS BAR	MHERC	99	BURWOOD	Chip Seal	SALTAIRE ST	MARRIOTTS	BOWER	203	COASTAL
nip Seat	MCBRATNEYS RD	27m pastRAB	#116	436	BURWOOD				RAWHITI DOMAIN	278	
nip Seat	MEON ST	SOBERTON	#16	152	BURWOOD	Chip Seal	SHAW AVE 1 OFF SEAVIEW RD	33m BEFORE HAWKE ST RAB	HAWHIII DOMAIN	2/8	COASTAL
nip Seat	MEON ST	#16	#50	194	BURWOOD						
nip Seat	MEON ST	#56	EUREKA ST	71	BURWOOD						
nip Seat	MUNDYS RD	GAYHURST	CLOSED SECTION	220	BURWOOD						
nip Seat	NEWPORT ST	EMLYN	WAINONI	207	BURWOOD						
nip Seat	ORRICK CRES	WAINONI	COWES RAB	205	BURWOOD	Seal Type		<u> ▼</u> Start Name	<u>▼</u> End Name	<u></u> Length (n	Ward
nip Seat	SANDOWN CRES	YARMOUTH ST	YARMOUTH ST	464	BURWOOD	Second Coat Seal	BARCLAY PL	BAMPT ON ST	END OF CUL DE SAC	180	BURWOO
nip Seat	SHORTLAND ST	CARTERS	NUGENT	352	LINWOOD	Second Coat Seal	FARNBOROUGH ST	PAGES RD	BRIGHTON ST	207	BURWOO
ip Seat	SHORTLAND ST	NUGENT	BREEZES	227	LINWOOD	Second Coat Seal	FARNBOROUGH ST	BRIGHTON ST	WINCHFIELD ST	105	BURWOOI
ip Seat	SHUTTLE DR	PAGES RD	TREATMENT PLANT	430	LINWOOD	Second Coat Seal	LAKE TERRACE RD 2 WEST BURWOOD RD			81	BURWOO
ip Seal	STILLWATER AVE	40m BEFORE FENMERE PL	LAKEWOOD DR	133	BURWOOD	Second Coat Seal	MAIREHAU RD		TRAVIS WALK ENTRANCE	81	BURWOOI
nip Seat	TENBY PL	NEWPORT PL	CUL-DE-SAC	229	BURWOOD	Second Coat Seal	MAIREHAURD	TRAVIS WALK ENTRANCE	33m before Putake Dr	125	BURWOOI
nip Seat	TWYNHAM PL	LYNDHURST CRES	END OF CUL DE SAC	118	BURWOOD	Second Coat Seat	MAIREHAU RD	33m before Putake Dr	PUTAKE DR	35	BURWOOI
nip Seat	WAITIKIRI DRV 2 TO ALPINE VIEW RNBT	LANDFILLAVE	ALPINE VIEW LN RAB	162	BURWOOD						
nip Seat	WAITIKIN DRV 2 TO ALPINE VIEW RNBT	ALPINE VIEW LN RNBT	ALPINE VIEW LN RNBT	26	BURWOOD	Second Coat Seal	MAIREHAURD	PUTAKE DR	Bus stop outside 380	180	BURWOOI
		ALPINE VIEW LN RNBT	ALPINE VIEW LN RNBT			Second Coat Seal	REGINALD ST	VIVIAN ST	100m BEFORE VIVIAN ST	158	BURWOOI
nip Seat	WAITIKIRI DRV 3 RNBT / ALPINE VIEW			56	BURWOOD	Second Coat Seal	BOWER AVE	FLORANCEPL	QUEENPARK DRV	181	COASTAL
nip Seat	WAITIKIRI DRV 4 FROM ALPINE V RNBT	ALPINE VIEW LN RNBT	BLUESTONE DRV	195	BURWOOD	Second Coat Seal	BOWER AVE	#550	BROADHAVEN AVE RAB	20	COASTAL
nip Seat	WESTCOTT ST 2 EAST BELFIELD ST	BELFIELD ST	END OF CUL DE SAC	110	BURWOOD	Second Coat Seal	MAIREHAU RD	ROYAL PARK DR		71	COASTAL
nip Seat	WIMBORNE CRES	BASINGSTOKE ST	BASINGSTOKE ST	363	BURWOOD	Second Coat Seal	MALTA CRES	PINENTH	PINE STH	20	COASTAL
nip Seat	BANKS AVE	NTH PARADE	ACHILLES ST	181	BURWOOD	Second Coat Seal	PACIFICED	54m PAST RAE LN	55m BEFORE MARRIOTS RD	151	COASTAL
nip Seat	BANKS AVE	ACHILLES ST	COOPERS RD	12	BURWOOD	Second Coat Seal	TRAVIS RD 4 EAST ANZACDRV / FROSTS	ANZAC DRIVE RAB	ATLANTIS ST	51	COASTAL
ip Seat	BANKS AVE	COOPERS RD	#41 NARROWING	218	BURWOOD						
nip Seal	BADGER ST	BEACH RD	SYLVIA ST	155	COASTAL	Second Coat Seal	MARSHLAND RD 1 SOUTH Q E II DRV	33m passed JOY ST	PALM GROVE ENT.	116	BURWOOI
nip Seat	BELLAMY AVE 2 WEST PINE AVE	ESTUARY RD	PINEAVE	142	COASTAL	Second Coat Seal	BREEZES RD	OPP BEXLEY PARK ACCESSWAY	OPP BEXLEY PARK ACCESSWAY	90	LINWOO
nip Seat	BOWHILL RD	MARINEPDE	MARRIOTTS RD	812	COASTAL	Second Coat Seal	GRIFFITHS AVE	NICHOLAS DRV	RUDDS RD	257	UNWOOL
ip Seat	CYGNET ST	MARINEPDE	END OF CULDE SAC	393	COASTAL	Second Coat Seal	HAYST	#122	KUAKA CRES	84	LINWOO
ip Seat	ENDEAVOUR ST	EFFINGHAM ST	ROYALIST AVE	103	COASTAL	Second Coat Seal	OBAN PL	HARGOOD	START OF TURNING CIRCLE	68	LINWOOI
ip Seat	ESTUARY RD	JERVOIS ST	KIBBLEWHITE ST	21	COASTAL	Second Coat Seal	ST JOHNS ST	GLENROY ST	ST LUKES ST	236	LINWOOI
ip Seat	HERON ST	ROCKING HORSE RD	END OF CUL DE SAC	184	COASTAL	Second Coat Seal	STACEY PL	ST JOHNS ST	START OF TURNING HEAD	117	LINWOOI
ip Seat	JELLICOE ST	ESTUARY RD	END OF CUL DE SAC	67	COASTAL	Second Coat Seal	THISTLEDOWN PL	HARGOOD ST	START OF TURNING HEAD	181	LINWOOI
nip Seat	LOWER STYX RD	HEYDERS	EARLHAM	1856	COASTAL	Asphalt	BASSETT ST	#53	OUTSIDE CHURCH	114	BURWOOI
ip Seat	LOWER STYX RD	EARLHAM	Lone house at 968	693	COASTAL	Asphalt	LAKE TERRACE RD 2 WEST BURWOOD RD	#239		114	BURWOO
np Seat	LOWER STYX RD	Lone house at 968	#1014	481	COASTAL				#234 (PRIVATE LANE)		
ip Seat	LOWER STYX RD	#1014	HARBOUR Rd	736	COASTAL	Asphalt	LAKE TERRACE RD 2 WEST BURWOOD RD	LAKE TERRACE RD 2 WEST BURWO		211	BURWOO
						Asphalt	PARNWELL ST	BASSETT INTERSECTION	BACK OF TRAFFIC ISLAND	29	BURWOO
nip Seat	MARINE PDE 4 BERESFORD TO CASPIAN	#470	#483	122	COASTAL	Asphalt	BEACH RD	MARINEPD - 90 deg AC bend	BEACH RD	30	COASTAL
ip Seal	MOUNTBATTEN ST	UNION	MARINE PDE	330	COASTAL	Asphalt	KEYES RD	BOWHILL RD RAB	KEYESRD	25	COASTAL
nip Seat	RIVERLEA ESTATE DRV 1 OFF KAINGA R	KAINGA RD	PINEAVE	375	COASTAL	Asphalt	LAMORNA RD	FORESTERS CRES	#38A	31	COASTAL
	SALTAIRE ST	MARRIOTTS	BOWER	203	COASTAL	Asphalt	ROOKWOOD AVE	113m PAST MARRIOTTS RD INT.	27m BEFORE BOWER AVE RAB	273	COASTAL
nip Seat			RAWHITI DOMAIN	278	COASTAL		ROOKWOOD AVE	ATT. DEFORE BOUNED AVE DAD			COASTAL
nip Seat nip Seat	SHAW AVE 1 OFF SEAVIEW RD	33m BEFORE HAWKE ST RAB				Asphalt		27m BEFORE BOWER AVE RAB	BOWER AVE RAB	22	
nip Seat	SHAW AVE 1 OFF SEAVIEW RD  BAMFORD ST 1 SOUTH BARTON ST  KING EDWARD TOE	JUBILEE ST RUTHERFORD ST	BROAD ST KING EDWARD TCE	124 166	LINWOOD	Asphalt Asphalt	SEAVIEW RD 3 UNION TO PAGES RNBT	HARDY -40M	HARDY	22 25	COASTAL





# Road Surfacing Renewals – Waitai C-B-L (FY26)

Seal Type	<u>∡</u> Road		<u>▼</u> End Name	<u>▼</u> Length (n <u>▼</u>	Ward
Chip Seal	AJAX ST	ACHILLES ST	NEW BRIGHTON RD	232	BURWOOD
Chip Seal	ALPINE VIEW LANE	PRESTONS RD	JOHN MOREL PL	253	BURWOOD
Chip Seal	CARTERS RD	BREEZES RD	SHORTLAN D ST	340	LINWOOD
Chip Seal	CHARTWELL ST	# 32 CHARTWELL ST	HELMSDALE ST	223	BURWOOD
Chip Seal	CHARTWELLST	HELMSDALE ST	END OF CUL DE SAC	218	BURWOOD
Chip Seal	HAMPSHIRE ST	BREEZES RD	LYNHURST CRES	163	BURWOOD
Chip Seal	ROWE PL	AJAX ST	END OF CUL DE SAC	83	BURWOOD
Chip Seal	SOBERTON ST	CARRISBROOKE ST	EUREKA ST	301	BURWOOD
Chip Seal	STAFFORDSHIRE ST	BURWOOD RD	CHARTWELL ST	235	BURWOOD
Chip Seal	STRATHFIELD AVE	COOPERS RD	GAYHURST RD	357	BURWOOD
Chip Seal	TE RAMA PL 1 S/E TAHUNA ST	HELANCA AVE	TAHUNA ST	266	BURWOOD
Chip Seal	WAITIKIRI DRV 1 LANDFILL ACCESS	PRESTONS RD	LANDFILL RD	74	BURWOOD
Chip Seal	ASTON DRV	LARNACH ST	COCKLE LN	215	COASTAL
Chip Seal	ASTON DRV	COCKLE LN	NEPTUNE PL	186	COASTAL
Chip Seal	COLLINGWOOD ST	UNION ST	HARDY ST	195	COASTAL
Chip Seal	COLLINGWOOD ST	HARDY ST	OWLES TCE	124	COASTAL
Chip Seal	INGRID ST	ASHWOOD ST	RADIATA AVE	279	COASTAL
Chip Seal	PACIFIC RD	BRITANNIA ST	RAE LN	490	COASTAL
Chip Seal	PHILOMELST	BOWER AVE	PEGASUS AVE	231	COASTAL
Chip Seal	QUEENSPARK DRV	RADIATA AVE	BROADHAVEN AVE	607	COASTAL
Chip Seal	ROYAL PARK DRV	MAIREHAU RD	QUEENSPARK DRV	1450	COASTAL
Chip Seal	TONKS ST	CYGNET ST	LEAVER TOE	178	COASTAL
Chip Seal	TONKS ST	LEAVERTCE	BOWHILL RD	121	COASTAL
Chip Seal	UNION ST	# 67 UNION ST	ADMIRALS WAY	414	COASTAL
Chip Seal	BARTON ST 1 CONNAL ST TO BAMFORD ST	BAMFORD ST	RUTHERFORD ST	208	LINWOOD
Chip Seal	CLYDESDALE ST	ST JOHN ST	LOMOND PL	260	LINWOOD
Chip Seal	CUFFS RD 1	WAINONI RD	PAGES RD	555	LINWOOD
Chip Seal	GLENROY ST	ST JOHN ST	HARGOOD ST	516	LINWOOD
Chip Seal	MACES RD	DYERS RD	BROMLEY RD	669	LINWOOD
Chip Seal	MACES RD	BROMLEY RD	# 133 MACES RD	196	LINWOOD
Chip Seal	MACES RD	# 133 MACES RD	WICKHAM ST	166	LINWOOD
Chip Seal	MACES RD	WICKHAM ST	RURU RD (STH)	384	LINWOOD
Chip Seal	MACKWORTH ST	MATLOCK ST	BONAR PL	698	LINWOOD
Chip Seal	MATLOCK ST	RANDOLPH ST	SMITHST	362	LINWOOD
Chip Seal	NORWICH ST	WORCESTER ST	BUCKLEYS RD	388	LINWOOD
Chip Seal	PANNELL AVE	KERRS RD	WAINONI RD	478	LINWOOD
Chip Seal	WILDWOOD AVE	KERRS RD	PANNELL AVE	313	LINWOOD
Second Coat Sea	OKEOVER ST	MATLOCK ST	END OF CUL DE SAC	107	LINWOOD
Asphalt	BASSETT ST	PARNWELL ST	BASSETT ST	114	BURWOOD
Asphalt	LAMORNA RD	FORESTERS CRES	#38A	31	COASTAL



Programme: Road Pavement Rehabilitation

#### Aims /Objectives/LoS

This programme aims to assess and prioritise locations requiring new pavement strengthening. The pavement rehabilitation will typically incorporate disouts and new compacted pavement materials and often include recycling of the existing removed material for sustainability. The final completed works are resurfaced in a way to ensure the most cost effective solution over the pavement life.

This is done in line with our Level of Service as defined in the Activity Management Plan Section 4:

- 16.0.2 Improve roadway condition, to an appropriate national standard, measured by smooth travel exposure ≥75%
- 16.0.1 Maintain roadway condition to an appropriate national standard, measured by the percentage of the sealed road network that is resurfaced each year ≥4%
- 16.0.3 Improve resident satisfaction with road condition ≥30%

#### **Data Collection**

Asset data had been collected primarily by on-site inspection and assessment, and is stored in RAMM, the asset management tool all roading authorities are required to use if they are going to seek NZTA funding contributions.

Data includes frequency of occurrence and types of faults such as longitudinal cracking, crazing, shoving. A road roughness survey is carried out to determine each roads rating. This is done by a contractor with a special vehicle and equipment. Going forward NZTA are taking over this assessment on all roads nationwide and will supply information to councils.

Very recently, technology has allowed a new form of testing which provides information on the remaining carriageway life. This testing will be used to provide an additional level of data for assessment that has not been previously available.

#### Criteria for Selection

Condition and remaining lifespan of the pavement structure are the primary criteria for selection. Potential locations are initially determined from:

- Deferred locations from the previous year
- Contractor and council staff knowledge
- Hybris tickets
- Condition survey data
- Surface layer age analysis
- · Pavement condition (layers below the top seal)
- Residual axle-loadings remaining
- Roughness rating
- Traffic count data analysis
- Budget constraints

### Prioritisation

The initial list of sites requiring pavement rehabilitation is compiled based on asset condition data.

Prioritisation is then carried and includes the following considerations:

- . Conflict/coordination with other projects and programmes in the same location
- · Significance and amount of defects present
- Remaining life left in the existing pavement
- Traffic volume and composition analysis
- Local land use and facilities.

#### Validatio

Validation of the prioritised list is completed initially by office based virtual inspection and then by on-site inspections to ensure the data is reflective of actual condition <u>During</u> the year of actual delivery further on-site validation assessments are conducted by the Capital Delivery Team and contractors during the scoping phase to consider efficiencies in delivery and achievement of levels of service relating to length of asset resurfaced.

### **Cost Estimation and Assumptions**

Cost estimates are based on rates derived across all maintenance contracts. Delivery is managed to ensure it remains within budget; any works unable to be delivered in a financial year are moved into the following financial year as the highest priority.

Christchurch City Council



## Road Rehabilitation

CPMS Project	Road	FY25	FY26	FY27	FY28-30
185 - Road Pavement Renewals		3,770,191	4,043,192	4,442,684	4,592,084
	Pound Road (Yaldhurst to Ryans)	3,770,191	-	-	-
	Greers Road (Memorial Ave - Jellie Park)	-	-	-	-
	Colombo Street (St Asaph - Tuam)	-	-	-	-
	Sparks Road (extent to be confirmed)	_	_	_	_





**Programme: Street Renewals** 

### Aims /Objectives/LoS

This program is for renewal of all street assets boundary to boundary and is based on an assessment of the condition of the carriageway, kerb and channel, and footpaths. The aim is to address amenity in conjunction with renewals, and therefore is based on the condition of the three main assets to ensure best value for money in the programme.

This is done in line with our Level of Service as defined in the Activity Management Plan Section 4:

16.0.1 Maintain roadway condition to an appropriate national standard, measured by the percentage of the sealed road network that is resurfaced each year ≥4%

16.0.2 Improve roadway condition, to an appropriate national standard, measured by smooth travel exposure ≥75%

16.0.3 Improve resident satisfaction with road condition ≥30

#### Data Collection

Asset data had been collected primarily by on-site inspection and assessments carried out annually, and is stored in RAMM which is the asset management tool all roading authorities are required to use if they are going to seek NZTA funding contributions.

Data includes frequency of occurrence and types of faults such as:

- · longitudinal cracking, crazing, and shoving in carriageways
- · cracking and levels in kerb and channel
- · cracks, undulations, and tree roots in footpaths.

A road roughness survey is carried out by a contractor with a special vehicle and equipment which determines the smoothness of a ride. Going forward NZTA are taking over this assessment on all roads nationwide and will supply information to councils.

Very recently, technology has allowed a new form of testing which provides information on the remaining carriageway life. This testing will be used to provide an additional level of data for assessment that has not been previously available.

#### Criteria for Selection

Condition and remaining lifespan of the three main assets are the primary criteria for selection. Potential locations are initially determined from:

- · Deferred locations from the previous year
- Condition ratings
- · Contractor and council staff knowledge
- Hybris tickets
- · Traffic count data analysis
- · Budget constraints

### Prioritisation

The initial list of candidates for street renewal is compiled based on asset condition data.

Prioritisation is then carried out and includes the following considerations:

- . Conflict/coordination with other projects and programmes in the same location
- Significance and amount of defects present · Remaining life left in the existing pavement
- Traffic volume and composition analysis
- Local land use and facilities.

Deconflicting with other works proposed in the local area is carried out to ensure the most cost effective solution for delivery.

### Validation

Validation of the prioritised list is completed initially by office based virtual inspection and then by on-site inspections to ensure the data is reflective of actual condition.

### **Cost Estimation and Assumptions**

Cost estimates are based on rates across recent street renewal projects. Conditions and constraints on individual projects can vary and budget requirements will be managed within the programme Any works unable to be delivered in a financial year are moved into the following financial year as the highest priority

Christchurch City Council



## Street Renewals – Waitai C-B-L

### Selected for allocation

Road	Start Name	End Name	Length (m)	Chann el typ <u></u>	Ward	FY25	FY26	FY27	FY28-30I	Y31-34
BRAMWELL ST 2 EAST BELFIELD ST	BELFIELD ST	CUL DE SAC	133	Flat	BURWOOD	-	200,000	150,000	474,600	-
WEST COTT ST 1 WEST BELFIELD ST	BELFIELD ST	CUL DE SAC	75	Flat	BURWOOD	-	100,000	100,000	265,000	-
WEST COTT ST 2 EAST BELFIELD ST	BELFIELD ST	CULDESAC	127	Flat	BURWOOD	-	100,000	100,000	587,400	-
SURREY ST	GLOUCESTER ST	WORCESTER ST	147	Dish	LINWOOD	-	200,000	200,000	511,400	-
FINLAY PL	MACKENZIE AVE	END OF STREET	83	Flat	LINWOOD	25,000	100,000	314,600	75,000	-
HARTNELL PL	ROWCLIFFE CRES	END OF CRESCENT	77	Flat	LINWOOD	50,000	427,400	-	-	-
HULBERT STREET	WYON	END	115	dish	LINWOOD	50,000	200,000	963,000	-	-
WYON ST	WORCESTER	BUCKLEYS RD WEST	152	Dish	LINWOOD	50,000	250,000	2,835,000	-	-
ADAMS PL	RADLEY ST	DEAD END	125	Flat	LINWOOD	-	100,000	100,000	575,000	-
SILVESTER ST	WILDBURY ST	RICHARDSON TCE	342	Dish	LINWOOD	-	300,000	300,000	1,520,400	-

### Meet the criteria but not selected for allocation

Road	Start Name	End Name	Length	Estimate	Channel type ✓	Ward
BAYNES ST	COSSAR ST	CUL DE SAC	272	1,686,400	Flat	BURWOOD
MARRIOTTS RD	BOWER AVE	TEDDER AVE	300	1,860,000	Dish	COASTAL
MARRIOTTS RD	TEDDER AVE	ROOKWOOD AVE / KEYES RD	332	2,058,400	Dish	COASTAL
SHAW AVE 2 OFF LEAVER TOE	BOWHILL RD	END C/WAY / KCC	112	694,400	Dish	COASTAL
GOULD CRES	FERRY RD / N/W END	APEX / MH RHS	218	1,351,600	Dish	LINWOOD
HEATHCOTE ST	FERRY RD	STREET CL / APEX	92	570,400	Flat and dish	LINWOOD





### **Programme: Footpath Renewals**

### Aims /Objectives/LoS

The Footpath Programme aims to identify and prioritize locations requiring intervention to improve the condition of the footpath network. The objective is to provide a well-maintained network that serves all residents, regardless of age or mobility, ensuring safe and accessible active travel for everyone.

### **Data Collection**

Footpath condition assessment capabilities are being improved through the adoption of advanced techniques and technology. The aim is to have improved data on the network and facilitate more effective monitoring going forward. A 100% comprehensive assessment of the network, in a consistent and repeatable manner, is expected to be completed by the end of 2024. In utilizing AI for condition rating, Christchurch City is the first council to implement this technology for a full network assessment.

### **Criteria for Selection**

Condition and remaining lifespan are the primary criteria for selection. Potential locations are initially identified through multiple sources, including:

- · Deferred locations from the previous year
- · Recommendations from contractors and council staff
- Hybris tickets
- · Results from the Life in Christchurch Survey
- · Condition survey data
- · Surface layer age analysis

### Prioritisation

An initial draft is refined based on asset condition and the nature of defects, impact on residents, and the remaining lifespan of the asset, to produce a second list which is then prioritized.

The process begins with clash detection to assess the potential impact on, or conflict with, proposed works on other projects. Projects with significant conflicts are deferred to a later phase of the program.

### Validation

Once prioritised an initial virtual inspection to visually assess the condition and identify any issues not captured in the existing data is completed. This is followed during the year of delivery by on-site assessments conducted by the Capital Delivery Team and contractors during the scoping phase.

### **Cost Estimation and Assumptions**

Indicative pricing based on rates derived cross all maintenance contracts is used to assemble the programme. Delivery is managed to ensure it remains within budget; any scope unable to be delivered is moved into following financial year.

Christchurch City Council



# Footpath Renewals – Waitai C-B-L

Road	Start Name	▼ End Name ▼	Length (m) -	Side -	Ward -T	FY25 -	FY26 -	FY27 -	FY28-30 -
CUMNORTCE	GARLANDS	MAUNSELL	320	Right	Linwood	75,072			_
JOLUEST	BUTTERFIELD	RASEN	282	Both	Linwood	48,899			
PAMELA ST	BUCKLEYS	CHESLEA	235	Both	Linwood	40,749			
BUTEST	ARRAN	TILFORD	142	Right	Linwood		21,726		
BUTEST	ARRAN	TILFORD	142	Left	Linwood		21,726		
LONG ST	#12	BARTON	48	Right	Linwood		7,344		
BARTON ST	BAMFORD	LONG	58	Right	Linwood		8,874		
BARTON ST	BAMFORD	LONG	54	Left	Linwood		8,262		
LONG ST	BARTON	CUL-DE-SAC	176	Left	Linwood		26,928		
WARNER PL	MAUGER	CUL-DE-SAC	130	Right	Heathcote		19.890		
MANNING PL	FERRY	WILDBERRY	187	Right	Linwood		28,611		
MANNING PL	FERRY	WILDBERRY	183	Left	Linwood		27,999		
WHITTINGTON AVE	SULLIVAN	CUL-DE-SAC	200	Right	Linwood		30,600		
WHITTINGTON AVE	TABART	CUL-DE-SAC	81	Left	Linwood		12,393		
WHITTINGTON AVE	SULIVAN	CUL-DE-SAC	125	Left	Linwood		19.125		
EDMOND ST	RANDOLPH	END OF SECTION	20	Left	Linwood		3,060		
EDMOND ST	RANDOLPH	CUL-DE-SAC	95	Right	Linwood		14,535		
OKEOVER ST	MATLOCK	CUL-DE-SAC	89	Left	Linwood		13,617		
PAGES RD 3	BAFFIN ST	SOFTBALLLN	436	Right	Linwood	71.155	10,017		
WIMBORNE CRES	BASINGSTOKE	BASINGSTOKE	363	Left	Burwood	71,100	59.242		
MCBRATNEYS RD	BELFIELD	DALLINGTON	104	Right	Burwood		15,912		
MCBRATNEYS RD	BELFIELD	GAYHURST	124	Right	Burwood		18,972		
MCBRATNEYS RD	GAYHURST	MOYNA	261	Left	Burwood		39,933		
CARISBROOKE ST	WINCHEIFID	CUI-DE-SAC	285	Right	Burwood		43,605		
CARISBROOKE ST	VENTNOR	WINCHEIFLD	146	Right	Burwood		22,338		
CARISBROOKE ST	VENTNOR	VENTNOR	89	Right	Burwood		13,617		
CARISBROOKE ST	PORTCHESTER	VENTNOR	65	Right	Burwood		9,945		
CARISBROOKE ST	MATTINGLEY	PORTCHESTER	111	Right	Burwood		16,983		
CARISBROOKE ST	ROWAN	MATTINGLEY	108	Right	Burwood		16,524		
ASHWOOD ST	QUEENSPARK	HEATHGLEN	73	Left	Coastal		11,169		
ASHWOOD ST	HEATHGLEN	INGRID	131	Left	Coastal		20,043		
ASHWOOD ST	INGRID	SOPHORA	182	Left	Coastal		27,846		
ASHWOOD ST	SOPHORA	BROADHAVEN	146	Left	Coastal		22,338		
BROADHAVEN AVE	INWOODS	BOTTLE LAKE	211	Right	Coastal		32,283		
BROADHAVEN AVE	BOTTLE LAKE	LAMORNA	241	Right	Coastal		36,873		
BROADHAVEN AVE	IAMORNA	BOWER	84	Right	Coastal		12.852		
MARINE PDE 1 BEACH RD TO HAWKE ST	BEACH	PANDORA	137	Right	Coastal		20,961		
MARINE PDE 1 BEACH RD TO HAWKE ST	PANDORA	PACIFIC	118	Right	Coastal		18,054		
BRENTWOOD	OUEENSPARK	ROYALPARK	73	Right	Coastal		11.169		
BRENTWOOD	QUEENSPARK	FOUR ELMS	77	Left	Coastal		11,781		
BROADHAVEN AVE	OUEENSPARK	JACARAN DA	90	Right	Coastal		13,770		
BROADHAVEN AVE	JACARAN DA	RADIATA	246	Right	Coastal		37,638		
BROADHAVEN AVE	RADIATA	34	35	Right	Coastal		5,355		
BOURNEMOUTH CRES	BASINGSTOKE	BASINGSTOKE	458	Both	Burwood		0,000	74,746	
PURBECK PL	LYNDHURST	CUL-DE-SAC	67	Right	Burwood			10.251	
PURBECK PL	LYNDHURST	CUL-DE-SAC	67	Left	Burwood			10,251	
OTAKI PI	MONOWHAI	CUI-DE-SAC	60	Both	Coastal			9,792	
FRANCELLA ST	WICKHAM	SH74	962	Left	Linwood			147.186	
FRANCELIA ST		34 SH74	269	Right	Linwood			41.157	









# Traffic Operations Safety Programme













# School Safety & Minor Road Safety

How do we prioritise the programme?

Non-School Improvements (Minor Road Safety)	School Improvements
Pipeline Development Tool & High Risk Intersections	Risk (70%)
KiwiRap	Accessibility (10%)
	Community (10%)
	Equity (10%)

- Other considerations
  - Timing of other Capital Projects
  - Maintenance programme
  - Re-cabling programme









### **Programme: Minor Safety Improvements**

### Aims /Objectives/LoS

- · We want everyone to get where they're going safely, regardless of how they are travelling.
- · Having safer infrastructure is part of our solution to a safer network.
- · People should feel safe while using our streets.
- Make our city more healthy, liveable and vibrant by creating streets where people including our tamariki (children) and kaumātua (elders) feel comfortable using active modes of transport, like walking and cycling.
- · Align with our Road Safety Action Plan.
- · Deliver interventions to address identified road safety issues particularly at high-risk intersections and for school safety.

### **Data Collection**

- . High risk sites are identified from the Pipeline Development Tool workshops completed with NZTA.
- · Customer Service and Elected Member Requests
- · Traffic, cyclist and pedestrian counts
- · Reported crash data
- · Desktop and on-site assessment

### Criteria for Selection

### High risk intersections

- Identified through workshops with NZTA.
- High risk sites in KiwiRAP.

#### Schools

. Requests directly from Schools, the school community and the Community Board. Assessed for risk and added to the list.

### Prioritisation

#### Multi-criteria analysis

- Risk Personal & Collective risk (70%) Likelihood of being in a crash using data from MegaMaps with additional information then sought from CAS.
- Accessibility (10%) Considers surrounding land-use so large residential areas around a school are likely to generate more active modes.
- . Community (10%) The considers level of interest by the school, community, elected members and community boards.
- Equity (10%) social deprivation index has been added, where a decile/score of 1 is least deprived, 10 is most deprived.

### Validation

- · Annual and Long-Term Planning process.
- Engagement and approval process.

### Cost Estimation and Assumptions

- Cost estimates based on project of similar nature and scale.
- · Standard cost estimation process using recent contract rates undertaken by Council's Technical Services & Design Unit.
- Includes allowance for design and supervision during construction.

Christchurch City Council



# School Safety & Minor Road Safety 24/25 +

oject ID	Road Name	Comment / Status	IOC estimate)	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	TOTAL
550	Programme - Minor Road Safety Improvements		LTP Budget					\$2,218,330	\$2,267,233	\$579,252	\$591,417	\$603,245	\$615,310	\$6,874,787
462	Delivery Package - Minor Road Safety Improvements		LTP Budget	\$500,000	\$3,033,211	\$1,800,476	\$2,166,338							*\$7,500,025
			Year Forecast To	\$2,517,200	\$2,409,178	\$1,125,000	\$2,053,750	\$1,856,250	\$1,612,500	\$593,750	\$706,250	\$675,303	\$0	\$0
			Year Variance	-\$2,017,200	\$624,034	\$675,476	\$112,588	\$362,080	\$654,733	-\$14,498	-\$114,833	-\$72,058	\$615,310	\$14,374,812
	Minor Safety Improvements													
	Ferry/Ensors/Aldwins	Currently being priced by Isaacs		\$450,000										
	Upper Riccarton Safety Improvements	Currently being delivered by Fulton Hogan		\$1,210,000										
	Main South/Yaldhurst/Riccarton	Currently going through approvals - value engineering currently		\$800,000										
	Grahams/Waimairi	Being delivered by Higgins		\$39,600									Гаа	
	Dyers Pass at Rhodesvale Barrier	Being delivered by Higgins		\$17,600									Focu	s on
	Greers/Wairakei (Cheapest Option of 3)				\$145,000							N.	100rh	ouse
	Moorhouse/Barbadoes/Waltham (new crossing on east side)				\$300,000							IV	10011	louse
	Moorhouse Ave & Madras & Gasson (Remove slip lanes for pedestrian safety & new				*****							in	tarca	ctions
	crossing on east side - One Stadium)				\$650,000									
	Blenheim Rd & Clarence St (inc slip lane)					\$300,000						Pa	ckage	e – Yr 1
	Harper Ave & Carlton Mill Rd					\$700,000						ı u	ortugi	J 11 1
	Moorhouse Ave & Antigua St						\$500,000							
	Memorial/Grahams						\$250,000							
	Highsted Rd & Sawyers Arms Rd						\$250,000							
	Straven Road & Kilmarnook Street							\$500,000						
	Riccarton Rd & Matipo St							\$250,000						
	Akaroa St & Briggs & Emmett								\$1,250,000					
	Pages 300 Pages - 349 Pages								\$300,000					
	Stanmore Rd (Warwick - North Avon)										\$300,000			
	Memorial Ave & Greers Rd										\$300,000			
	Pages Rd & Breezes Rd											\$500,000		
	School Safety													
	llam School and UoC - llam Road (Possible cost share with UoC)				\$593,750									
	Halswell School - Sabys Road & O'Halloran Drive				\$345,428									
	Oaklands School - Dunbars Rd/Hindess St/McMahon Dr (Roundabout improvements)				\$375,000									
	Waitakiri Primary - Burwood Rd (Newhaven St - SH74)					\$106,250								
	Te Waka Unua - Ferry Road					\$18,750								
	Villa Maria - Peer St at Athol Terrace (new signalised crossing for BUPA also)						\$593,750							
	St Albans - Springfield Rd & Edgeware & Abberley						\$218,750							
	Hillview Christian - St Martins/Waltham roundabout						\$65,000							
	Knights Stream - Halswell Junction Rd (New signalsied crossing)							\$593,750					Focu	s on
	Riccarton High - Suva, Owens & Hillary at Curletts Road (Traffic calming on side roads)						\$37,500							
	Cashmere High - Rose Street (Traffic calming)						\$55,000						Halsv	vell
	Rawhiti - Bowhill Rd & Marriotts Rd & Keyes Rd (Roundabout improvements)						\$83,750							
	Parkview Primary - 77 Queenspark Dr (Raise existing zebra)							\$106,250					Scho	OIS
	Westburn School - Waimairi Rd (Wentworth St - Raxworthy St)							\$106,250				D-		
	Avonhead School - 55 Avonhead Rd							\$106,250				Pa	ckage	e – Yr 1
	Redcliffs School - Main Road, Redcliffs							\$106,250					J	
	Kirkwood Int - Kirkwood Ave (Ilam Rd - Clude Rd SNP)							\$43,750						
	Mairehau High - Hills Road							\$43,750						
	Villa Maria - 29 Peer St								\$18,750					
	Merrin School - Merrin St (Withells Rd - Avonhead Rd)								\$43,750					
	Burnside/Christ - Greers Rd (Guildford St - Memorial Ave)									\$593,750				
	Our Lady of Victories - Main South Rd (Weaver PI - Colman Ave)										\$106,250			
	Knights Stream - Richmond Ave (Killarney Ave - Tongariro St)										\$100,E30	\$106,250		
	Waimairi School - 117 Blighs Rd				-							\$69,053		



# Minor Safety Intervention Programme (#65924)

- How do we create the programme?
  - All based on community feedback
  - Entered into a spreadsheet tool
- How do we prioritise the programme?
  - Based on a similar approach to schools
  - Some projects do not get ranked if of significant cost for this programme (i.e some signal upgrades that require large amounts of civil works)

### All community driven

Hybris Tickets/Message to the Mayor etc

**Community Board Actions** 

**Elected Member Feedback** 

### Prioritisation

Risk (70%)

Accessibility (10%)

Community (10%)

**Equity (10%)** 





Programme: Minor Safety Interventions

### Aims /Objectives/LoS

- Low cost interventions to address identified road safety issues.
- Improvements in safety and accessibility for active modes.
- Responding to community requests.
- Align with our Road Safety Action Plan.

### **Data Collection**

- Customer Service and Elected Member Requests
- Traffic, cyclist and pedestrian counts
- Reported crash data
- Desktop and on-site assessment

### **Criteria for Selection**

- Alignment with programme objectives.
- Scale of works required (implementation cost) Some projects do not get prioritised if they are of significant cost fdue to the budget for this programme (i.e some signal upgrades that require large amounts of civil works).
- Meeting NZTA criteria for funding assistance.
- Is there a conflict with another project being undertaken in a specific location

### Prioritisation

Multi-criteria analysis

- Risk Personal & Collective risk (70%) Likelihood of being in a crash using data from MegaMaps with additional information then sought from CAS.
- Accessibility (10%) Considers surrounding land-use so large residential areas around a school are likely to generate more active modes.
- Community (10%) The considers level of interest by the school, community, elected members and community boards.
- Equity (10%) social deprivation index has been added, where a decile/score of 1 is least deprived, 10 is most deprived.

### Validation

- Annual and Long-Term Planning process.
- Engagement and approval process.

### **Cost Estimation and Assumptions**

- Cost estimates based on project of similar nature and scale.
- Standard cost estimation process using recent contract rates undertaken by Council's Technical Services & Design Unit.
- Includes allowance for design and supervision during construction.

Christchurch City Council



# Minor Safety Intervention Programme (#65924)

iority	Project ID	Road Name	Comment / Status	(ROC estimate)		FY25	FY26	FY27	FY28
6	0113	Programme - Minor Safety Intervention			LTP Budget				
6	5924	Delivery Package - Minor Safety Interventions			LTP Budget	\$300,000	\$347,134	\$631,983	\$645,90
					Year Forecast Total	\$298,000	\$346,500	\$625,025	\$122,47
					Year Variance	\$2,000	\$634	\$6,958	\$523,42
		Wakefield Ave (at Sunmnervale)	Out for pricing by Higgins			\$70,000			
		Cypress St (speed humps)	Completed			\$35,000			
		Whiteleigh Ave at Leamington Street (new island)				\$43,000			
		Colombo / Sandyford/Byron (Align RT bays to improve visibility)				\$150,000			
		Ferry Road at Hargood (Pedestrian protection however further investigation req)					\$172,500		
		English St by Main Sth Rd (new cut-down and median island)					\$60,375		
		Cashmere Road / Fairview (new cut-down and crossing improvement)					\$8,625		
		New Brighton - Shaw Ave/Hawke St (pedestrian crossings)					\$85,000		
		Banks Peninsula Minor Safety					\$20,000		
		Radley Street (new cutdown)						\$17,250	
		Colombo St Refuge Island outside Library (Improve Island)						\$51,750	
		Centaurus Road Pedestrian crossing facility at St Martins Road						\$73,125	
		Springs Road / Main South Road intersection (pedestrian improvements)						\$100,000	
		Oakridge at Nicholls Road (new pedestrian refuge)						\$51,750	
		Avonside Dr / Stanmore Rd (Non filter RT)						\$70,000	
		Inwoods Rd/Queenspark Dr (Roundabout treatment)						\$73,125	
		Woodbury/Withells/Staveley (Roundabout treatment)						\$79,350	
		Parnwell Street/Basset Street (Traffic calming & crossing)						\$108,675	
		Memorial Avenue (Gleneagles/Chilcombe)							\$43,12
		Carlton Mill Road (Pedestrian lights)							\$8,625
		Antigua St / Burke St (Tactile paving)							\$17,25
		Sturrocks Road at Redwood Park (Crossing & Calming)							\$44,85
		Bridle Path / Main Rd (Cut-down)							\$8,625









### **Programme: New Footpaths**

### Aims /Objectives/LoS

Identify, evaluate and prioritise streets within key suburban areas needing new footpaths. This programme will ensure safer and more accessible pedestrian routes in areas demonstrating prioritised need for improved connectivity.

#### Data Collection

This is a new programme in the LTP 2025-34 and the first year of the programme will be spent defining the future scope of works using the following sources for candidates.

Current sources of information regarding the need for new footpaths comes from Community Boards, elected members, operations and maintenance teams, asset and network planning team, understanding of new subdivision development timelines, public requests through Hybris system and the Annual and Long Term planning feedback process.

### Criteria for Selection

Population density; existing and future demand analysis

Proximity to key destinations; schools, parks, commercial centres, health care facilities and public transport hubs

Potential for mode shift; prioritising footpath projects where there is high potential for mode shift

Presence of underserved communities; prioritising footpaths in communities where there are barriers to accessing safe pedestrian infrastructure to reach essential services and facilities improving social equity, quality of life and transport equality

One Network Framework classification of the road; the LoS of the pedestrian facilities should match the modal priorities of the road within the network

Future Projects or overlaps; to ensure cohesive urban planning and avoid redundant efforts, seeking synergy with other projects such as combining footpath construction with road maintenance or public transport enhancements

### Prioritisation – how and what

Safety: identifying all elements of safety management to ensure areas of high pedestrian activity with higher risk are prioritised

Latent demand; analysis of current and likely future population density

Key destinations; proximity and likely volume of pedestrians accessing neighbouring facilities

Cost analysis; estimating construction costs in identified areas, maintenance costs and long-term sustainability

Feasibility; assessment including physical space available in road reserve and other factors effecting feasibility

Constructability; technical constraints will be assessed

**Developer**; likelihood of developer initiating new footpath construction within next five years

#### Validation

Annual and Long Term Planning process

### **Cost Estimation and Assumptions**

Standard cost estimation process using recent contract rates, with internal Quantity Surveyor review





# New Footpaths

The first year of this programme will be focused on understanding the candidate projects: developing scopes, high level cost estimates, and prioritising the projects for delivery from Y2 onwards.

### Candidate projects are:

- Cashmere Road (three locations)
- Sabys Dunbars
- Vickerys Road
- Cresswell Road (Governors Bay)
- Janell Place
- Prestons/Lambies connection
- Kirk Road (outside school gate)
- Waimairi Road (on Waimairi Stream side)
- Halswell Junction Road (Albert Wills Avenue McTeigue Road)
- Treffers Rd
- Quaifes Rd- Murphys Rd- Glengael Dr
- Quaifes, incl. Glengael- Sabys
- Marine Dr/ Ngatea Rd
- Marine Drive footpath improvements
- Cashmere/Boonwood
- Sparks Road (Sutherlands)
- Springs Road Halswell Junction Road to Boston Avenue
- Lesley Keast Place, Hornby
- Sparks Road (Butcher etc. to 747)
- Kennedys Bush Road Entrance to Halswell Quarry parking area to Cashmere Road



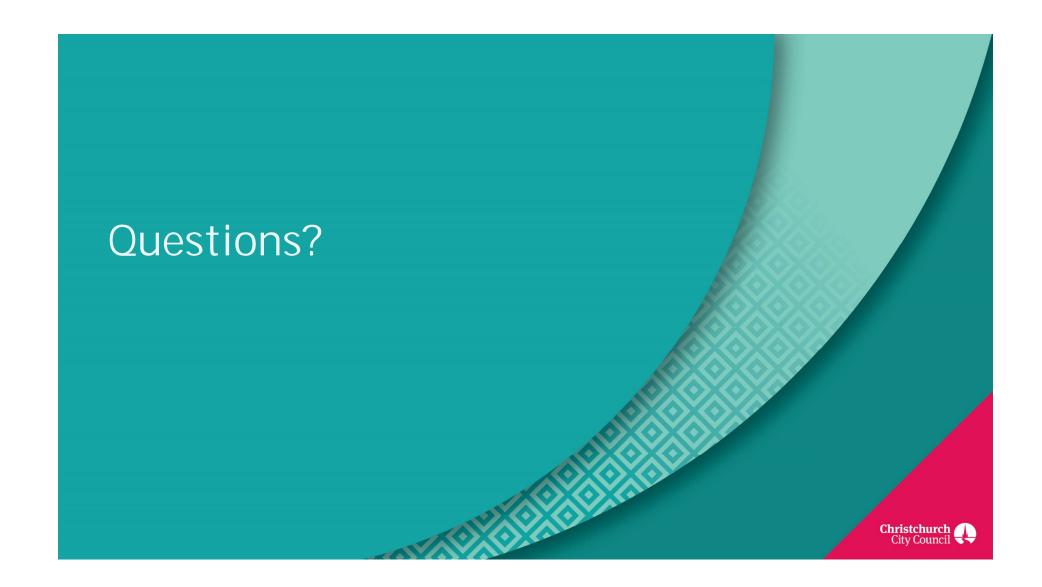


# Other Programme & Annual Plan considerations

- Subdivisions money on budget to support developments along Mairehau Road
- Pages Road Bridge Currently working through business case with NZTA to attract funding. This is expected to be complete towards the end of FY25, allowing us to procure a designer
- Improving Bromley's Roads Report coming to the Board for guick wins in early December 24
- CRAF Chelsea Street approved to progress; Marine Parade Option C coming for approval on 9<sup>th</sup> December
- Brighton Mall Looking at work in conjunction with developers, community groups and Christchurch NZ. Design underway expecting to come to the board for discussion before Easter 2025.
- Burwood/Mairehau intersection Two options being considered. Likely to come to the board for discussion before Easter 2025.
- Linwood Bus Stops (Transport Choices) Infrastructure only being funded. Staff bringing a report to Council to use this money in a wider area across the eastern suburbs where there is higher patronage









### **Programme: Footpath Renewals**

### Aims /Objectives/LoS

The Footpath Programme aims to identify and prioritize locations requiring intervention to improve the condition of the footpath network. The objective is to provide a well-maintained network that serves all residents, regardless of age or mobility, ensuring safe and accessible active travel for everyone.

### **Data Collection**

Footpath condition assessment capabilities are being improved through the adoption of advanced techniques and technology. The aim is to have improved data on the network and facilitate more effective monitoring going forward. A 100% comprehensive assessment of the network, in a consistent and repeatable manner, is expected to be completed by the end of 2024. In utilizing AI for condition rating, Christchurch City is the first council to implement this technology for a full network assessment.

### **Criteria for Selection**

Condition and remaining lifespan are the primary criteria for selection. Potential locations are initially identified through multiple sources, including:

- Deferred locations from the previous year
- · Recommendations from contractors and council staff
- Hybris tickets
- Results from the Life in Christchurch Survey
- · Condition survey data
- Surface layer age analysis

### **Prioritisation**

An initial draft is refined based on asset condition and the nature of defects, impact on residents, and the remaining lifespan of the asset, to produce a second list which is then prioritized.

The process begins with clash detection to assess the potential impact on, or conflict with, proposed works on other projects. Projects with significant conflicts are deferred to a later phase of the program.

### **Validation**

Once prioritised an initial virtual inspection to visually assess the condition and identify any issues not captured in the existing data is completed. This is followed during the year of delivery by on-site assessments conducted by the Capital Delivery Team and contractors during the scoping phase.

### **Cost Estimation and Assumptions**

Indicative pricing based on rates derived cross all maintenance contracts is used to assemble the programme. Delivery is managed to ensure it remains within budget; any scope unable to be delivered is moved into following financial year.



Programmes are continuously managed and deconflicted with other projects and programmes, and utility provider works. They are also refined to fit within allocated budgets as works progress and so there may be some change from the list that follows.

### Summary

FY25	FY26	FY27	FY28-30	FY31-34
1020120				
979,220	747,823		-	+
935,330	2,206,362	75,276	-	•
182,080	1,636,978	1,502,593	*	
(5)	81,875	(1.5%)	(3)	(5)
	935,330 182,080	935,330 2,206,362 182,080 1,636,978	935,330 2,206,362 75,276 182,080 1,636,978 1,502,593	935,330 2,206,362 75,276 - 182,080 1,636,978 1,502,593 -

	Length									
Road	Start Name	<b>End Name</b>	(m)	Side	Ward	FY25	FY26	FY27	FY28-30	FY31-34
Central Contract Area planned allocation						979,220	747,823	-	-	-
Central FY25										
DEWSBURY LANE	WORDSWORTH	BATTERSEA	31	Right	Heathcote	14,545				
RUSKIN ST	ANTIGUA	CUL DE SAC END	55	Right	Spreydon	11,781				
ESSEX ST			111	Right	Central	11,322				
MOORHOUSE AVE 3 SOUTH			298	Right	Central	106,386				
CASS ST	DURHAM	COLOMBO	228	Left	Heathcote	34,884				
CASS ST	DURHAM	COLOMBO	226	Right	Heathcote	34,578				
MONTREAL ST 3 NORTH CRANMER SQ			109	Left	Central	16,626				
ZZ CYW / HAGLEY PARK NORTH 1			297	Left	Central	75,735				
COLOMBO ST 4 GLOUCESTER TO BEALEY	PETERBOROUGH	SALISBURY	91	Left	Central	13,923				
MOORHOUSE AVE 2 NORTH			32	Left	Central	11,098				
MOORHOUSE AVE 2 NORTH			232	Left	Central	85,190				
WHITMORE ST 1			57	Left	Innes	9,884				
WHITMORE ST 1			73	Left	Innes	11,914				
MANCHESTER ST 1 SOUTH BEALEY AVE	ALLEN	EATON	82	Right	Central	23,419				
NORTH PARADE 1 NORTH AVON TO BANKS	POULTON	BANKS	395	Right	Central	60,435				
NORTH PARADE 1 NORTH AVON TO BANKS	AVERILL	BANKS	115	Left	Central	34,221				
AVALON ST	WHITMORE	PERTH	193.5	Right	Central	19,737				
AVALON ST	PERTH	CUMBERLAND	134	Right	Central	20,502				
AVALON ST	CUMBERLAND	STANMORE	124	Right	Central	18,972				
BYRON ST	COLOMBO	BUCHAN	115	Right	Heathcote	37,281				
BYRON ST	BUCHAN	HAWDON	43	Right	Heathcote	13,597				
BYRON ST	HAWDON	GASSON	282	Right	Heathcote	89,199				
BYRON ST	GASSON	BRISBANE	188	Right	Heathcote	59,446				
BYRON ST	BRISBANE	WALTHAM	112	Right	Heathcote	35,414				
BATTERSEA	ORBELL	DURHAM	111	Right	Heathcote	33,966				
BATTERSEA	DURHAM	COLOMBO	137	Right	Heathcote	68,238				
ONSLOW ST	HOLLY	CLARE	165	Left	Innes	26,928				
Central FY25 TOTAL			4,036			979,220				



			Length							
Road	Start Name	<b>End Name</b>	(m)	Side	Ward	FY25	FY26	FY27	FY28-30	FY31-34
Central FY26										
CAMBRIDGE TCE 1 ROLLESTON-										
MONTREAL	Cashel	Montreal	203	Left	Central		31,059			
ACTON ST	Montreal	Cul-de-Sac	113	Left	Central		17,289			
TANCRED ST 1 WEST LINWOOD AVE	Cashel	Hereford	93	left	Central		14,229			
TANCRED ST 1 WEST LINWOOD AVE	Cashel	Hereford	93	Right	Central		14,229			
TANCRED ST 1 WEST LINWOOD AVE	Hereford	Worcester	101	Left	Central		15,453			
TANCRED ST 1 WEST LINWOOD AVE	Hereford	Worcester	102	Right	Central		15,606			
TANCRED ST 1 WEST LINWOOD AVE	Worcester	Gloucester	106	Left	Central		16,218			
TANCRED ST 1 WEST LINWOOD AVE	Worcester	Gloucester	106	Left	Central		16,218			
TANCRED ST 1 WEST LINWOOD AVE	Gloucester	Linwood	198	Left	Central		30,294			
TANCRED ST 1 WEST LINWOOD AVE	Gloucester	Linwood	189	Left	Central		28,917			
BRITTAN ST	ARMAGH	LINWOOD	228	Left	Central		41,861			
BRITTAN ST	ARMAGH	LINWOOD	217	Right	Central		39,841			
BRITTAN ST	LINWOOD	WOODHAM	153	Left	Central		28,091			
BRITTAN ST	LINWOOD	WOODHAM	162	Right	Central		29,743			
PERTH ST	LONDON	AVALON	217	Left	Central		33,201			
PERTH ST	LONDON	AVALON	217	Right	Central		33,201			
BANGOR ST	WALNUT TREE PARK	#45	44	Left	Central		6,732			
BANGOR ST	#36	#40A	51	Right	Central		7,803			
PETERBOROUGH ST	COLOMBO	MANCHESTER	225	Left	Central		68,850			
PETERBOROUGH ST	COLOMBO	MANCHESTER	223	Right	Central		68,238			
VOGEL ST	WARWICK	FORTH	243	Left	Central		37,179			
VOGEL ST	RICHMOND COMMUNITY GARDEN	FORTH	181	Right	Central		27,693			
WORDSWORTH ST	Gasson	Brisbane	186	Left	Heathcote		28,458			
FALSGRAVE ST	IVERSON TCE	MOORHOUSE	173	Left	Heathcote		49,409			
FALSGRAVE ST	#57	IVERSON	78	Left	Heathcote		23,072			
PURCHAS ST	CALEDONIAN	COLOMBO	57	Left	Innes		8,721			
PURCHAS ST	COLOMBO	SHERBORNE	106	Left	Innes		16,218			
Central FY26 TOTAL			4,065				747,823			



			Len	gth							
Road	Start Name	<b>End Name</b>	(m	1)	Side	Ward	FY25	FY26	FY27	FY28-30	FY31-34
Southern Contract Area Planned allocation							935,330	2,206,362	75,276	_	_
Southern FY25							000,000	2,200,002	70,270		
ALBERT TCE	ROSCOE		66	325	Right	Cashmere	49,725				
ALBERT TCE	ROSCOE	LEONARD		129	Left	Cashmere	19,737				
BRADFORD AVE	TENNYSON	END		260	Both	Cashmere	45,084				
NOTTINGHAM AVE	WALES	WALES		723	Right	Halswell	110,619				
NOTTINGHAM AVE	WALES	WALES		727	Left	Halswell	111,231				
MILNS RD	HALSWELL	OLD RED BARN		100	Right	Halswell	15,300				
DOMETT ST	<b>BUNYAN ST</b>	WILSONS RD		180	Left	Heathcote	27,540				
CUMNORTCE	GARLANDS	MAUNSELL		320	Right	Linwood	75,072				
JOLLIE ST	BUTTERFIELD	RASEN		282	Both	Linwood	48,899				
PAMELA ST	BUCKLEYS	CHESLEA		235	Both	Linwood	40,749				
SALMOND ST	ROWLEY			246	Left	Spreydon	37,638				
SALMOND ST				84	Left	Spreydon	12,852				
SALMOND ST	OSTLER			95	Left	Spreydon	14,535				
SALMOND ST	CALLAN			46	Left	Spreydon	7,038				
CORONATION ST	BARRINGTON ST	GARNETT AVE		94	Right	Spreydon	14,382				
CORONATION ST	BARRINGTON ST	DIAMOND AVE		91	Left	Spreydon	13,923				
CORONATION ST	DIAMOND AVE	SIMEON ST		221	Left	Spreydon	33,813				
CORONATION ST	<b>GARNETT AVE</b>	SUGDEN ST		98	Right	Spreydon	14,994				
CORONATION ST	SUGDEN ST	SIMEON ST		97	Right	Spreydon	14,841				
CALLAN PL	SALMOND ST	CUL DE SACK		94	Right	Spreydon	14,382				
CALLAN PL	SALMOND ST	CUL DE SACK		94	Left	Spreydon	14,382				
OSTLER PL	SALMOND ST	CUL DE SAC		91	Right	Spreydon	13,923				
OSTLER PL	SALMOND ST	CUL DE SAC		93	Left	Spreydon	14,229				
VICTORS RD	SPARKS	END		599	Right	Spreydon	85,527				
VICTORS RD	SPARKS	END		555	Left	Spreydon	84,915				
Southern FY25 Total			5,	879			935,330				



Road	Start Name	End Name	Length (m)	Side	Ward	FY25	FY26	FY27	FY28-30	F31-34
Southern FY26										
BIRDWOOD AVE	EASTERN	RIVERVIEW	352	Left	Cashmere		53,856			
BIRDWOOD AVE	RIVERVIEW	CORSON	110	Left	Cashmere		16,830			
BIRDWOOD AVE	CORSON	MALCOLM	101	Left	Cashmere		15,453			
BIRDWOOD AVE	MARTIN	MALCOLM	88	Left	Cashmere		13,464			
BIRDWOOD AVE	MARTIN	SANDWICH	82	Left	Cashmere		12,546			
BIRDWOOD AVE	MARTIN	SANDWICH	82	Right	Cashmere		12,546			
BIRDWOOD AVE	MARTIN	MALCOLM	87	Right	Cashmere		13,311			
BIRDWOOD AVE	CORSON	98	31	Right	Cashmere		4,743			
BIRDWOOD AVE	98	MALCOLM	71	Right	Cashmere		21,002			
BIRDWOOD AVE	EASTERN	CORSON	467	Right	Cashmere		71,451			
CENTAURUS RD 1 WEST ST MARTINS RD	KOWHAI	ST MARTINS	329	Left	Cashmere	İ	50,337			
CENTAURUS RD 1 WEST ST MARTINS RD	PALATINE	KOWHAI	335	Left	Cashmere	İ	51,255			
CENTAURUS RD 1 WEST ST MARTINS RD	PALATINE	ST MARTINS	687	Right	Cashmere	İ	105,111			
DPAWA RD 7 ACCESS #262-298	298		25	Left	Cashmere		9,690			
DMBERSLEY TCE	HAWFORD	CUL-DE-SAC	181	Left	Cashmere		33,232			
DMBERSLEY TCE	HAWFORD	CUL-DE-SAC	197	Right	Cashmere		44,207			
BRABOURNEST	PORT HILLS	BISHOPSWORTH	61	Right	Cashmere		9,333			
BRABOURNE ST	PORT HILLS	#39	145	Left	Cashmere		22,185			
RABOURNE ST	PRISK	BISHOPWORTH	282	Right	Cashmere		43,146			
DMOND ST	ALDWINS	RANDOLPH	127	Left	Central		19,431			
DMOND ST	ALDWINS	RANDOLPH	127	Right	Central	İ	19,431			
CROSS ST	NURSERY	MATHESONS	185	Left	Central		28,305			
EYDEN ST	FERRY	CROSS	196	Left	Central		29,988			
EYDEN ST	FERRY	CROSS	197	Right	Central		30,141			
DSBORNE ST	LAURENCE	CUL-DE-SAC	157	Right	Central		24,021			
DSBORNE ST	LAURENCE	CUL-DE-SAC	150	Left	Central		22,950			
DSBORNE ST	LAURENCE	CHARLES	104	Right	Central		15,912			
DSBORNE ST	LAURENCE	CHARLES	105	Left	Central		16,065			
BISHOPSWORTH ST	GRANGE	BRABOURNE	360	Right	Heathcote		51,408			
BISHOPSWORTH ST	GRANGE	BRABOURNE	361	Left	Heathcote		62,597			
BRIGID PL	CANNON HILL	CUL-DE-SAC	105	Right	Heathcote		16,065			
BRIGID PL	CANNON HILL	CUL-DE-SAC	105	Left	Heathcote		16,065			
HEAD ST	DRYDEN	COLENSO	114	Right	Heathcote		17,442			
HEAD ST	DRYDEN	COLENSO	114	Left	Heathcote		17,442			
HUNTER TCE	LIBRARY ACCESS	MALCOM	398	Left	Heathcote		52,775			
10111211102	MAJOR	11/120011	333	2010	11041110010		02,770			
MARAMA CRES	HORNBROOK	ST ANDREWS HILL	105	Left	Heathcote		25,704			
	MAJOR									
MARAMA CRES	HORNBROOK	ST ANDREWS HILL	128	Right	Heathcote		31,334			
SUNYAN ST	WALTHAM	#11	72	Left	Heathcote		11,016			
RAPANUI RIDGE	MONCKS SPUR	CUL-DE-SAC	138	Right	Heathcote		21,114			
STOKE ST	ESPLANADE	NAYLAND	120	Right	Heathcote		30,600			
STOKE ST	ESPLANADE	NAYLAND	121	Left	Heathcote		30,855			
TOKE ST	NAYLAND	WIGGINS	102	Right	Heathcote		26,010			
TOKE ST	NAYLAND	WIGGINS	101	Left	Heathcote		25,755			
TOKE ST	WIGGINS	WAKEFIELD	132	Right	Heathcote		33,660			



STOVE ST	MICCINE	DDVDEN	EC	l oft	Lloothooto	14 200
STOKE ST STOKE ST	WIGGINS DRYDEN	DRYDEN WAKEFIELD	56 73	Left	Heathcote	14,280
BUTE ST			73	Left	Heathcote	18,615
	ARRAN	TILFORD	142	Right	Linwood	21,726
BUTE ST	ARRAN #10	TILFORD	142	Left	Linwood	21,726
LONG ST	#12	BARTON	48	Right	Linwood	7,344
BARTON ST	BAMFORD	LONG	58	Right	Linwood	8,874
BARTON ST	BAMFORD	LONG	54	Left	Linwood	8,262
LONG ST	BARTON	CUL-DE-SAC	176	Left	Linwood	26,928
WARNER PL	MAUGER	CUL-DE-SAC	130	Right	Linwood	19,890
MANNING PL	FERRY	WILDBERRY	187	Right	Linwood	28,611
MANNING PL	FERRY	WILDBERRY	183	Left	Linwood	27,999
WHITTINGTON AVE	SULLIVAN	CUL-DE-SAC	200	Right	Linwood	30,600
WHITTINGTON AVE	TABART	CUL-DE-SAC	81	Left	Linwood	12,393
WHITTINGTON AVE	SULLIVAN	CUL-DE-SAC	125	Left	Linwood	19,125
EDMOND ST	RANDOLPH	END OF SECTION	20	Left	Linwood	3,060
EDMOND ST	RANDOLPH	CUL-DE-SAC	95	Right	Linwood	14,535
DKEOVER ST	MATLOCK	CUL-DE-SAC	89	Left	Linwood	13,617
CLARENCE ST 1 BLENHEIM TO RICCARTON	BLENHEIM	LYNDON	83	Left	Riccarton	16,932
CLARENCE ST 1 BLENHEIM TO RICCARTON	LYNDON	ELIZABETH	113	Left	Riccarton	19,594
LARENCE ST 1 BLENHEIM TO RICCARTON	ELIZABETH	145A	130	Left	Riccarton	22,542
AYR ST	DARVEL	MONA VALE	119	Right	Riccarton	18,207
YR ST	DARVEL	MONA VALE	120	Left	Riccarton	18,360
YR ST	1	6 DARVEL	60	Right	Riccarton	9,180
YR ST	DEANS	DARVEL	146	Left	Riccarton	22,338
IPAX PL	MANDEVILLE	CUL-DE-SAC	57	Left	Riccarton	17,442
IPAX PL	MANDEVILLE	CUL-DE-SAC	54	Right	Riccarton	16,524
VESTMONT ST	MAIDSTONE	GLENSIDE	278	Left	Riccarton	51,041
RAHERA ST	BARRINGTON	YALE	186	Right	Spreydon	30,355
AHERA ST	CHERRYTREE	YALE	275	Right	Spreydon	42,075
AHERA ST	CHERRYTREE	FORSYTH	82	Left	Spreydon	12,546
RAHERA ST	FORSYTH	YALE	173	Left	Spreydon	26,469
AHERA ST	YALE	BARRINGTON	181	Left	Spreydon	27,693
IEWLAND ST	VICTORS	KEVIN	189	Left	Spreydon	28,917
NEWLAND ST	VICTORS	SAMUEL	91	Right	Spreydon	13,923
NEWLAND ST	SAMUEL	KEVIN	90	Right	Spreydon	13,770
VATERS ST	MATHERS	CEDARS	127	Left	Spreydon	19,431
VATERS ST	MATHERS	CEDARS	127			19,431
ENCARD PL	HOON HAY	CUL-DE-SAC		Right	Spreydon	19,890
			130	Both	Spreydon	
PARKSTONE AVE	ILAM PARK	AVONHEAD	675	Left	Waimairi	103,275
PARKSTONE AVE	LODGE	AVONHEAD	240	Right	Waimairi	36,720
PARKSTONE AVE	SOLWAY	LODGE	72	Right	Waimairi	11,016
DADIOTONIE AVE	11 / 1 / 1 / 1 / 1 / 1 / 1 / 1	LIAK	71	Right	Waimairi	11 '''''
PARKSTONE AVE	ILAM PARK	OAK	74	Right	vvaimam	11,322



Road	Start Name	End Name	Length	Side	Ward	FY25	FY26	FY27	FY28-30	F31-34
Southern FY27										
CLIVE ST	MARLBOROUGH ST	WELLINGTON ST	75	Left	Central			11,475		
CLIVE ST	WELLINGTON ST	CASHEL ST	118	Left	Central			18,054		
CLIVE ST	MARLBOROUGH ST	CASHEL ST	194	Right	Central			29,682		
MARLBOROUGH ST	CLIVE ST	HAVELOCK ST	105	Right	Central			16,065		
Southern Planned allocation FY27 TOTAL			492					75,276		



Road	Start Name	End Name	Length	Side	Ward	FY25	FY26	FY27	FY28-30	F31-34
Northern Contract Area Planned allocat	ion					182,080	1,636,978	1,502,593	-	-
Northern FY25										
PAGES RD 3	BAFFIN ST	SOFTBALL LN	436	Right	Linwood	71,155				
RAMORE PL	WINTERS	END	203	Left	Papanui	31,059				
RAMORE PL	WINTERS	END	204	Right	Papanui	31,212				
PITCAIRN CRES	CHRISTIAN STREET	RESOLUTION PLACE	82	Left	Papanui	12,546				
PITCAIRN CRES	BLIGHS ROAD	CHRISTIAN ST	41	Left	Papanui	6,273				
OAKHURST PL	BENTLEY ST	END	99	Left	Waimairi	15,147				
OAKHURST PL	BENTLEY ST	END	96	Right	Waimairi	14,688				
Northern FY25 Total			1,161			182,080				

Road	Start Name	End Name	Length	Side	Ward	FY25	FY26	FY27	FY28-30	F31-34
Northern FY26										
WIMBORNE CRES	BASINGSTOKE	BASINGSTOKE	363	Left	Burwood		59,242			
MCBRATNEYS RD	BELFIELD	DALLINGTON	104	Right	Burwood		15,912			
MCBRATNEYS RD	BELFIELD	GAYHURST	124	Right	Burwood		18,972			
MCBRATNEYS RD	GAYHURST	MOYNA	261	Left	Burwood		39,933			
CARISBROOKE ST	WINCHFIELD	CUL-DE-SAC	285	Right	Burwood		43,605			
CARISBROOKE ST	VENTNOR	WINCHFIELD	146	Right	Burwood		22,338			
CARISBROOKE ST	VENTNOR	VENTNOR	89	Right	Burwood		13,617			
CARISBROOKE ST	PORTCHESTER	VENTNOR	65	Right	Burwood		9,945			
CARISBROOKE ST	MATTINGLEY	PORTCHESTER	111	Right	Burwood		16,983			
CARISBROOKE ST	ROWAN	MATTINGLEY	108	Right	Burwood		16,524			
ASHWOOD ST	QUEENSPARK	HEATHGLEN	73	Left	Coastal		11,169			
ASHWOOD ST	HEATHGLEN	INGRID	131	Left	Coastal		20,043			
ASHWOOD ST	INGRID	SOPHORA	182	Left	Coastal		27,846			
ASHWOOD ST	SOPHORA	BROADHAVEN	146	Left	Coastal		22,338			
BROADHAVEN AVE	INWOODS	BOTTLE LAKE	211	Right	Coastal		32,283			
BROADHAVEN AVE	BOTTLE LAKE	LAMORNA	241	Right	Coastal		36,873			
BROADHAVEN AVE	LAMORNA	BOWER	84	Right	Coastal		12,852			
MARINE PDE 1 BEACH RD TO HAWKE ST	BEACH	PANDORA	137	Right	Coastal		20,961			
MARINE PDE 1 BEACH RD TO HAWKE ST	PANDORA	PACIFIC	118	Right	Coastal		18,054			
BRENTWOOD	QUEENSPARK	ROYALPARK	73	Right	Coastal		11,169			
BRENTWOOD	QUEENSPARK	FOUR ELMS	77	Left	Coastal		11,781			
BROADHAVEN AVE	QUEENSPARK	JACARANDA	90	Right	Coastal		13,770			
BROADHAVEN AVE	JACARANDA	RADIATA	246	Right	Coastal		37,638			
BROADHAVEN AVE	RADIATA		34 35	Right	Coastal		5,355			



HOOKER AVE	HOLLYFORD BROOKSIDE	EARNSLAW HOLLYFORD	99 87	Left Left	Fendalton Fendalton	15,147 13,311	
HOOKER AVE	LYALL	CLYDE	100	Right	Fendalton	15,300	
HOOKER AVE	LYALL	BROOKSIDE	363	Right	Fendalton	55,539	
CHISLEHURST PL	WAIRAKEI	CUL-DE-SAC	167	Right	Fendalton	25,551	
CHISLEHURST PL	WAIRAKEI	CUL-DE-SAC	167	Left	Fendalton	25,551	
WESTBURN TCE	GREERS	#24	214	Right	Fendalton	32,742	
WESTBURN TCE	BRACO	#31A AND PARK	77	Both	Fendalton	11,781	
WESTBURN TCE	BRACO	GRAHAMS	92	Both	Fendalton	14,076	
BRACO PL	WESTBURN	CUL-DE-SAC	100	Both	Fendalton	18,360	
NORTHFIELD RD	OMEGA	VEITCHES	185	Left	Harewood	28,305	
BLOSSOMDALE PL	REYNOLDS	CUL-DE-SAC	152	Left	Harewood	23,256	
BLOSSOMDALE PL	REYNOLDS	CUL-DE-SAC	166	Left	Harewood	25,398	
AINTREE ST	GARDINERS	EGMONT	265	Left	Harewood	40,545	
AINTREE ST	EGMONT	CUL-DE-SAC	112	Left	Harewood	17,136	
AINTREE ST	GARDINERS	CUL-DE-SAC	376	Right	Harewood	57,528	
EGMONT	AINTREE	CUL-DE-SAC	155	Left	Harewood	23,715	
EGMONT	AINTREE	CUL-DE-SAC	170	Right	Harewood	26,010	
CULLAHILL ST	GARDINERS	CROFTON	291	Right	Harewood	50,459	
BLAIRDON PL	SAWYERS ARMS	CUL-DE-SAC	141	Left	Harewood	21,573	
BLAIRDON PL	SAWYERS ARMS	CUL-DE-SAC	143	Right	Harewood	21,879	
SPEIGHT ST	FLOCKTON	CUL-DE-SAC	178	Both	Innes	27,234	
BARNES RD	MAIN N ROAD	CANBERRA	196	Right	Papanui	35,986	
WILLOWVIEW DRV	FARQUHARS	END	309	Left	Papanui	47,277	
WILLOWVIEW DRV	FARQUHARS	SPRINGSIDE	120	Right	Papanui	18,360	
VILLOWVIEW DRV	SPRINGSIDE	COOLSPRING	243	Right	Papanui	37,179	
WILLOWVIEW DRV	COOLSPRING	VAUGHAN	112	Right	Papanui	17,136	
WILLOWVIEW DRV	VAUGHAN	COOLSPRING	88	Right	Papanui	13,464	
VILLOWVIEW DRV	COOLSPRING	RIVERWOOD	150	Right	Papanui	22,950	
WILLOWVIEW DRV	RIVERWOOD	END	219	Right	Papanui	33,507	
SOLOMON AVE	PARK WALKWAY	CUL-DE-SAC	261	Right	Papanui	39,933	
SOLOMON AVE	GRIMSEYS	WAKELIN PL	180	Left	Papanui	36,720	
LOWRY AVE	MURCHISON	DENNISTON	90	Right	Papanui	13,770	
LOWRY AVE	MURCHISON	GRIMSEYS	346	Left	Papanui	52,938	
LOWRY AVE	GRIMSEYS	JENKINS	75	Right	Papanui	13,770	
GREGAN CRES	GRAHAMS	#21	172	Both	Waimairi	26,316	
GREGAN CRES	#47	#21	118	Left	Waimairi	18,054	
GREGAN CRES	GRAHAMS	#47	218	Left	Waimairi	33,354	



Road	Start Name	End Name	Length	Side	Ward	FY25	FY26	FY27	FY28-30	F31-34
Northern FY27										
BOURNEMOUTH CRES	BASINGSTOKE	BASINGSTOKE	458	Both	Burwood			74,746		
PURBECK PL	LYNDHURST	CUL-DE-SAC	67	Right	Burwood			10,251		
PURBECK PL	LYNDHURST	CUL-DE-SAC	67	Left	Burwood			10,251		
OTAKI PL	MONOWHAI	CUL-DE-SAC	60	Both	Coastal			9,792		
CARLTON MILL RD	RHODES	ROSSALL	121	Left	Fendalton			18,513		
BROOKSIDE TCE	ILAM RD	AORANGI RD	355	Left	Fendalton			54,315		
BROOKSIDETCE	ILAM RD	AORANGI RD	359	Right	Fendalton			54,927		
BREENS RD	WAIRAKEI	TWYFORD	63	Right	Harewood			10,282		
BREENS RD	WAIRAKEI	CHATSWOOD	122	Left	Harewood			19,910		
BREENS RD	TWYFORD	ISLEWORTH	375	Right	Harewood			57,375		
BREENS RD	CHATSWOOD	HOCKEY	193	Left	Harewood			29,529		
BREENS RD	HOCKEY	CHARNWOOD	420	Left	Harewood			64,260		
BREENS RD	ISLEWORTH	BONITA	161	Right	Harewood			24,633		
BREENS RD	BONITA	VERONICA	123	Right	Harewood			18,819		
BREENS RD	CHARNWOOD	HAREWOOD	216	Left	Harewood			33,048		
BREENS RD	VERONICA	LOCHMORE	130	Right	Harewood			19,890		
BREENS RD	LOCHMORE	HAREWOOD	90	Right	Harewood			13,770		
DONEGAL ST	MAIN N	TYRONE	290	Left	Harewood			44,370		
DONEGAL ST	MAIN N	BALLYMENA	207	Right	Harewood			31,671		
DONEGAL ST	BALLYMENA	CUL-DE-SAC	245	Right	Harewood			37,485		
DONEGAL ST	TYRONE	CUL-DE-SAC	158	Left	Harewood			24,174		
STACKHOUSE AVE	BLANRAY PL	EASTLING ST	207	Left	Harewood			31,671		
STACKHOUSE AVE	BLANRAY PL	EASTLING ST	207	Right	Harewood			31,671		
STACKHOUSE AVE	KILBURN ST	BLANRAY PL	154	Left	Harewood			23,562		
STACKHOUSE AVE	KILBURN ST	BLANRAY PL	169	Right	Harewood			25,857		
OFFICE RD 1 WEST OF WINCHESTER ST	ROSSELL	STIRLING	220	Left	Innes			33,660		
CRANFORD ST	WINTON ST	OXLEY AVE	108	Right	INNES			16,524		
CORNWALL ST	CRANFORD ST	LINDSAY ST	215	Right	INNES			32,895		
CORNWALL ST	CRANFORD ST	LINDSAY ST	217	Left	INNES			33,201		
FRANCELLA ST	WICKHAM	SH74	962	Left	Linwood			147,186		
FRANCELLA ST		34 SH74	269	Right	Linwood			41,157		
MARBLE WOOD DRV	HAREWOOD	CUL-DE-SAC	390	Right	Papanui			67,626		
MARBLE WOOD DRV	HAREWOOD	CUL-DE-SAC	390	Left	Papanui			67,626		
BOYNE AVE	MORRISON AVE	CUL-DE-SAC	165	Right	Papanui			25,245		
BOYNE AVE	MORRISON AVE	CUL-DE-SAC	162	Left	Papanui			24,786		
BRENT PL	CONDELL AVE	CUL-DE-SAC	186	Right	Papanui			28,458		
BRENT PL	CONDELL AVE	CUL-DE-SAC	189	Left	Papanui			28,917		
BEATRICE PL	AVONHEAD	CUL-DE-SAC	261	Right	Waimairi			47,920		
BEATRICE PL	ELWYN	CUL-DE-SAC	161	Left	Waimairi			29,560		
BEATRICE PL	AVONHEAD	ELWYN	98	Left	Waimairi			17,993		
DERWENT ST	SEVENOAKS	SANDRINGHAM	269	Right	Waimairi			41,157		
DERWENT ST	SANDRINGHAM	SEVENOAKS	287	Right	Waimairi			43,911		
Northern FY27 TOTAL			9566					1,502,593		



Road	Start Name	End Name	Length	Side	Ward	FY25	FY26	FY27	FY28-30	F31-34
Bank Peninsula Contract Area Planned allocation						-	81,875	-	-	-
Bank Peninsula FY25										
Bank Peninsula FY25 TOTAL			0				-			
Bank Peninsula FY26										
ROSS TERRACE	Shackleton	Selwyn LN	27	Left	BP		4,131			
ST DAVIDS STREET	STEVENSONS STEP	EXETER ST	93	Left	BP		13,280			
KAIKOMAKO PLACE	GOVERNORS BAY ROAD	TURNING HEAD	160	Left	BP		22,848			
WILLIAM STREET	BRUCE TCE	AYLMERS VALLEY RD	130	Right	BP		19,890			
RUE LAVAUD	RUE VIARD	RUE BRITTAN	142	Right	ВР		21,726			
Bank Peninsula FY26 TOTAL			552				81,875			
Bank Peninsula FY27										
Bank Peninsula FY27 TOTAL			0				-	-	-	-
					-					
<b>Footpath Renewals Planned</b>					Total	2,096,630	4,673,038	1,577,869	-	-



# **Programme: Road Surfacing Renewals**

## Aims /Objectives/LoS

This programme aims to assess and prioritise locations requiring new pavement strengthening. The pavement rehabilitation will typically incorporate digouts and new compacted pavement materials and often include recycling of the existing removed material for sustainability. The final completed works are resurfaced in a way to ensure the most cost-effective solution over the pavement life. This is done in line with our Level of Service as defined in the Activity Management Plan Section 4:

- 16.0.1 Maintain roadway condition to an appropriate national standard, measured by the percentage of the sealed road network that is resurfaced each year ≥4%
- 16.0.2 Improve roadway condition, to an appropriate national standard, measured by smooth travel exposure ≥75%
- 16.0.3 Maintain resident satisfaction with road condition ≥30%

### **Data Collection**

Asset data had been collected primarily by onsite inspection and assessment, and is stored in RAMM, the asset management tool all roading authorities are required to use if they are going to seek NZTA funding

Data includes frequency of occurrence and types of faults such as longitudinal cracking, crazing, shoving. A road roughness survey is carried out to determine each roads rating. This is done by a contractor with a special vehicle and equipment. Going forward NZTA are taking over this assessment on all roads nationwide and will supply information to councils.

Very recently, technology has allowed new forms of testing called Multi Spectrum Deflectometer (MSD) and Laser Measured Deflectometer (LMD). This testing will be used to provide an additional level of data for assessment and is considered a major step forward.

#### **Criteria for Selection**

Condition and remaining lifespan are the primary criteria for selection. Potential locations are initially determined from:

- Deferred locations from the previous year
- Recommendations from contractors and council staff
- Condition survey data
- Surface layer age analysis
- Pavement condition (layers below the top seal)
- Roughness rating

### **Prioritisation** – how and what

The initial list of sites requiring resurfacing is compiled based on asset condition data.

Prioritisation is then carried and includes the following considerations:

- Conflict/coordination with other projects and programmes in the same location
- Significance and amount of defects present
- Traffic volume and composition analysis
- Local land use and facilities

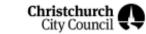
### **Validation**

Validation of the prioritised list is completed by onsite inspections to ensure the data is reflective of actual condition,

During the year of actual delivery further on-site validation assessments are conducted by the Capital Delivery Team and contractors during the scoping phase to consider efficiencies in delivery and achievement of levels of service relating to length of asset resurfaced.

## **Cost Estimation and Assumptions**

Cost estimates are based on rates derived across all maintenance contracts. Delivery is managed to ensure it remains within budget; any works unable to be delivered in a financial year are moved into the following financial year as the highest priority.



Programmes are continuously managed and deconflicted with other projects and programmes, and utility provider works. They are also refined to fit within allocated budgets as works progress and so there may be some change from the list that follows.

Road Surfacing Renewals	FY25	FY26	FY27	FY28-30	FY31-3
Carriageway Reseals - Asphalt	7,000,000	6,204,000	4,655,762	3,012,011	
Carriageway Reseals - Chipseal	14,664,144	15,000,056	24,460,546	24,311,878	
	21,664,144	21,204,056	29,116,308	27,323,889	

# **Asphalt Re-surfacing Programme** (Carriageway Reseals – Asphalt)

CPMS Project	Seal Type	FY25	FY26	FY27	FY28-30	FY31-34
163 - Carriageway Reseals - Asphalt		7,000,000	6,204,000	4,655,762	3,012,011	-
	Asphalt Resurfacing Rejuvenation AC Seal					

# Asphalt Re-surfacing Programme – FY25

# Asphalt - FY25

Seal Type	Road	Start Name	End Name	Length	Ward	FY25	FY26	FY27	FY28-30	FY31-34
	Asphalt & Rejuvenation AC Seal - FY25					7,000,000				
Asphalt	GOVERNORS BAY ROAD	PARK TCE	#52	280	BANKS PENINSULA					
Asphalt	RUE LAVAUD	RUE VIARD	RUE BRITTAN	150	BANKS PENINSULA					
Asphalt	RUE LAVAUD	72m PAST RUE BALGUERIE INT.	RUE BENOLT	54	BANKS PENINSULA					
Asphalt	BASSETT ST	#53	OUTSIDE CHURCH	114	BURWOOD					
Asphalt	LAKE TERRACE RD 2 WEST BURWOOD RD	#239	#234 (PRIVATE LANE)	116	BURWOOD					
Asphalt	LAKE TERRACE RD 2 WEST BURWOOD RD	LAKE TERRACE RD 2 WEST BURWOOD RD		211	BURWOOD					
Asphalt	PARNWELL ST	BASSETT INTERSECTION	BACK OF TRAFFIC ISLAND	29	BURWOOD					
Asphalt	AOTEA TCE	ERROL LN	AOTEA TCE AC	43	CASHMERE					
Asphalt	AOTEA TCE	AOTEA TCE AC	HUNTSBURY AVE	17	CASHMERE					
Asphalt	BARRINGTON ST 1	CASHMERE RAB	ASHGROVE TCE	34	CASHMERE					
Asphalt	BOWENVALE AVE	#112	GATES	68	CASHMERE					
Asphalt	CASHMERE RD 1 EAST HENDERSONS RD	CASHMERE RD	BARRINGTON ST RAB	62	CASHMERE					
Asphalt	DYERS PASS RD 1	200M BEYOND PENTRE TCE	300M FROM PENTRE TCE	103	CASHMERE					
Asphalt	EREWHON TCE	RAPAKI RD	MONTGOMERY TCE	23	CASHMERE					
Asphalt	PURAU TCE	CASHMERE RD RAB	RAB APPROACH	21	CASHMERE					
Asphalt	ANTIGUA ST 1 SOUTH MOORHOUSE AVE	BROUGHAM ST	RUSKIN RD	155	HEATHCOTE					
Asphalt	ANTIGUA ST 1 SOUTH MOORHOUSE AVE	RUSKIN RD	BURKE ST	105	HEATHCOTE					
Asphalt	ANTIGUA ST 1 SOUTH MOORHOUSE AVE	BURKE ST	FAIRFIELD AVE	125	HEATHCOTE					
Asphalt	ANTIGUA ST 1 SOUTH MOORHOUSE AVE	FAIRFIELD AVE	DISRAELIST	204	HEATHCOTE					
Asphalt	BEALEY AVE 2 SOUTH	BEALEY AVE 2 SOUTH	BARBADOES ST	35	CENTRAL					
Asphalt	BEALEY AVE 2 SOUTH	BARBADOES ST	CHURCHILL ST	246	CENTRAL					
Asphalt	BEALEY AVE 2 SOUTH	CHURCHILL ST	FITZGERALD AVE	103	CENTRAL					
Asphalt	CAMBRIDGE TCE 2 MONTREAL-CASHEL	MONTREAL ST	CASHEL ST	180	CENTRAL					
Asphalt	FITZGERALD AVE 1 WEST	ARMAGH ST	KILMORE ST	242	CENTRAL					



Asphalt	GASSON ST 2 WEST	CARLYLE ST	MOORHOUSE AVE	155	HEATHCOTE
Asphalt	HAGLEY AVE	ST ASAPH ST 1 EAST FITZGERALD AVE	RICCARTON AVE	188	CENTRAL
Asphalt	MOORHOUSE AVE 1 WEST HAGLEY AVE	DEANS	LINCOLN	454	SPREYDON
Asphalt	MOWBRAY ST	WALTHAM ROAD EAST	THACKERAY	300	HEATHCOTE
Asphalt	RICCARTON AVE	90m PAST OXFORD TCE INT.	EMERGENCY SERVICE ENT.	214	CENTRAL
Asphalt	TUAM ST 2 WEST FITZGERALD AVE	ANTIGUA	MANCHESTER	388	CENTRAL
Asphalt	BEACH RD	MARINE PD - 90 deg AC bend	BEACH RD	30	COASTAL
Asphalt	KEYES RD	BOWHILL RD RAB	KEYES RD	25	COASTAL
Asphalt	LAMORNA RD	FORESTERS CRES	#38A	31	COASTAL
Asphalt	ROOKWOOD AVE	113m PAST MARRIOTTS RD INT.	27m BEFORE BOWER AVE RAB	273	COASTAL
Asphalt	ROOKWOOD AVE	27m BEFORE BOWER AVE RAB	BOWER AVE RAB	22	COASTAL
Asphalt	SEAVIEW RD 3 UNION TO PAGES RNBT	HARDY -40M	HARDY	25	COASTAL
Asphalt	BLIGHS RD 2 EAST IDRIS RD	CONDELL AVE	MAIN NORTH RAILWAY LINE	239	FENDALTON
Asphalt	BLIGHS RD 2 EAST IDRIS RD	MAIN NORTH RAILWAY LINE	WATFORD ST	271	FENDALTON
Asphalt	FENDALTON RD 1 SOUTH	WAIWETU +105M	MEMORIAL AVE	107	FENDALTON
Asphalt	GLANDOVEY RD	#4	#26	188	FENDALTON
Asphalt	GLANDOVEY RD	#26A	BRYNDWR RD	192	FENDALTON
Asphalt	GLANDOVEY RD	PENTLOW PL	#72	75	FENDALTON
Asphalt	GLANDOVEY RD	#84	#100	137	FENDALTON
Asphalt	IDRIS RD	WAIRAKEI INT	WAIRAKEI RD INT	38	FENDALTON
Asphalt	IDRIS RD	WAIRAKEI RD INT	LEES RD STH	75	FENDALTON
Asphalt	MEDBURY TCE 1 OFF CLYDE RD	CLYDE	CUL-DE-SAC	141	FENDALTON
Asphalt	ROSSALL ST	22m BEFORE MILLBROOK RES ENT.	RHODES ST	135	FENDALTON
Asphalt	CORGWYN AVE	CASHMERE RD	90DEG BEND	24	HALSWELL
Asphalt	JIPCHO RD	PARKHOUSE RD	MCALPINE ST	294	HALSWELL
Asphalt	MCALPINE ST	JIPCHO RD	RAIL XING (#46)	453	HALSWELL
Asphalt	MILNS RD	SIX SILVERS AVE	48m before SPARKS RD	122	HALSWELL
Asphalt	SHAMROCKPL	START OF TURNING CIRCLE	CUL-DE-SAC	22	HALSWELL
Asphalt	SUNBEAM PL	SHAMROCK	CUL-DE-SAC	18	HALSWELL
Asphalt	TREFFERS RD	PARKHOUSE RD	SONTER RD	321	HALSWELL
Asphalt	TREFFERS RD	SONTER RD	WIGRAM RD	211	HALSWELL
Asphalt	POUND ROAD	YALDHURST RD RAB	100m PAST RYANS RD INT.	997	HAREWOOD
Asphalt	AUSTIN ST	#41A	WALTHAM RD	68	HEATHCOTE
Asphalt	CLIFTON TCE	KINSEY TCE	KINSEY TCE	28	HEATHCOTE
Asphalt	FERRY RD 5 DYERS RD TO HUMPHREYS DR2	DYERS RD	MITRE 10 CARPARK	674	HEATHCOTE
Asphalt	HUXLEY ST 2 SOUTH BURLINGTON ST	CROYDON ST	ROGERS ST	89	HEATHCOTE
Asphalt	SCARBOROUGH RD	HEBERDEN AVE	HEBERDEN AVE TURN OFF	23	HEATHCOTE
Asphalt	SCARBOROUGH RD	BEND BY #60	RAMP by #78	49	HEATHCOTE
A l l+	WILLIE WACH LIEAD DD	COARRODOUGUERD	HAIRPIN BEND (END OF CCC	075	HEATHOOTE
Asphalt	WHITEWASH HEAD RD	SCARBOROUGH RD	ROAD) START OF CORSAIR DR FREE	275	HEATHCOTE
Asphalt	SPRINGS RD 1 EAST HALSWELL JCT RD	END OF MAIN S RD SLIP LANE	TURN	241	HORNBY
Asphalt	SPRINGS RD 1 EAST HALSWELL JCT RD	START OF CORSAIR DR FREE TURN	GARVINS RD	71	HORNBY
Asphalt	DUDLEY ST	SLATER ST INTERSECTION	SLATER ST INTERSECTION	5	CENTRAL
Asphalt	MARSHLAND RD 3 WEST/BRIGGS TO QEII	33m past BRIGGS RD	HOMEBASE SLIP EXIT SLIP LANE	142	BURWOOD
Asphalt	RUTLAND ST	ST ALBANS	WESTMINSTER	57	INNES
Asphalt	LINWOOD AVE 3 SOUTH	HEREFORD	WORCESTER	314	CENTRAL
Asphalt	ST ASAPH ST 1 EAST FITZGERALD AVE	FITZGERALD AVE	NURSERY RD	570	CENTRAL
Asphalt	TUAM ST 3 EAST FITZGERALD AVE	NURSERY RD	SUFFOLK ST	240	CENTRAL
Asphalt	TUAM ST 3 EAST FITZGERALD AVE	SUFFOLK ST	OLLIVERS RD	213	CENTRAL



Asphalt	GRAHAMS RD 4 NORTH RUBENS PL	SEVENOAKS DR	WAIRAKEIRD	51	WAIMAIRI	
Asphalt	GRAHAMS RD 4 NORTH RUBENS PL	WAIRAKEI RD	FEDERER LANE -60M	72	HAREWOOD	
Asphalt	STRAVEN RD	MATAI	TE KURA BARRINGTON ST UNDER	167	FENDALTON	
Asphalt	BARRINGTON ST 2 WEST	BARRINGTON ST UNDER MOTORWAY	MOTORWAY BARRINGTON ST UNDER	135	SPREYDON	
Asphalt	BARRINGTON ST 3 EAST	BARRINGTON ST UNDER MOTORWAY	MOTORWAY	135	SPREYDON	
Asphalt	WHITELEIGH AVE	CHATHAM ST	LINCOLN RD	232	SPREYDON	
Asphalt	AVONHEAD RD 1	AVONHEAD	RAB MAIDSTONE	51	WAIMAIRI	
Asphalt	GRAHAMS RD 2 WEST	MEMORIAL AVE	RUBENS PL	341	WAIMAIRI	
Asphalt	GRAHAMS RD 3 EAST	MEMORIAL AVE	RUBENS PL	337	WAIMAIRI	
Asphalt	KARNAK CRES	MANSON PL	CHESTERFIELD MEWS	36	WAIMAIRI	
	Asphalt Resurfacing - FY25 Total			13,501		-

# Rejuvenation AC Seal - FY25

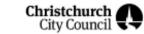
Seal Type	Road	Start Name	End Name	Length	Ward	FY25	FY26	FY27	FY28-30	FY31-34
Rejuvenation AC Seal	KENMURE DRV	HUNTSBURY AVE	MAJOR AITKEN DR	247	CASHMERE					
Rejuvenation AC Seal	MILLWAY PL	KENMURE DR	CUL-DE-SAC	78	CASHMERE					
Rejuvenation AC Seal	OLD BARROW HEIGHTS	KENMURE DR	CUL-DE-SAC	161	CASHMERE					
Rejuvenation AC Seal	OVERDALE DRV	DYERS PASS RD	CUL-DE-SAC	410	CASHMERE					
Rejuvenation AC Seal	PENNINE WAY	SWANTON DR	CUL-DE-SAC	113	CASHMERE					
Rejuvenation AC Seal	SWANTON DRV	KENMURE	CUL-DE-SAC	326	CASHMERE					
Rejuvenation AC Seal	BLIGHS RD 2 EAST IDRIS RD	IDRIS RD / BLIGHS INT	CONDELL AVE	134	FENDALTON					
Rejuvenation AC Seal	ARMOUR PL	SIX SLIVERS AVE	END OF CUL DE SAC	232	HALSWELL					
Rejuvenation AC Seal	SENTINEL PL	SIX SILVERS AVE	PAVED TURNING AREA	122	HALSWELL					
Rejuvenation AC Seal	SHIELD PL	SIX SILVERS AVE	START OF TURNING CIRCLE	64	HALSWELL					
Rejuvenation AC Seal	SIX SILVERS AVE	MILNS RD	END OF PAVERS	22	HALSWELL					
Rejuvenation AC Seal	SIX SILVERS AVE	END OF PAVERS	START OF TURNING HEAD	268	HALSWELL					
Rejuvenation AC Seal	NORTHWOOD BLVD 1 SOUTH / TO RNBT	MAIN NORTH RD	ONEIL AVE RAB	112	HAREWOOD					
Rejuvenation AC Seal	NORTHWOOD BLVD 2 NORTH / TO RNBT	MAIN NORTH RD	MOUNTER AVE RAB	111	HAREWOOD					
Rejuvenation AC Seal	AIDANFIELD DR 3	MCMAHON DR/RAB	END OF ROAD/SL ON RHS+3M	168	HORNBY					
Rejuvenation AC Seal	RADCLIFFE RD	MAIN NORTH	RAILWAY LINE	288	HAREWOOD					
Rejuvenation AC Seal	KNOWLES ST	PAPANUI RD	KNOWLES PLANTATION	238	PAPANUI					
Rejuvenation AC Seal	HANSONS LANE	RICCARTON RD	HAYNES AVE	195	RICCARTON					
Rejuvenation AC Seal	HANSONS LANE	HAYNES AVE	SUVA ST	208	RICCARTON					
Rejuvenation AC Seal	HANSONS LANE	SUVA ST	ARTHUR ST	299	RICCARTON					
Rejuvenation AC Seal	MAXWELL ST	DIVISION ST / DILWORTH ST	MATIPO ST	260	RICCARTON					
	Rejuvenation AC Seal - FY25 Total			4,056		-	-	-	=	-
	Asphalt Re-surfacing FY25 Total			17,557		-	-	-	-	-



# Asphalt Re-surfacing Programme – FY26

Asphalt - FY26

Seal Type	Road	Start Name	End Name	Length	Ward	FY25	FY26	FY27	FY28-30	FY31-34
	Asphalt & Rejuvenation AC Seal - FY26						6,204,000			
Asphalt	BRITTAN TERRACE	VOELAS INT	VOELAS INT	28	BANKS PENINSULA					
Asphalt	BASSETT ST	PARNWELL ST	BASSETT ST	114	BURWOOD					
Asphalt	HACKTHORNE RD 1 WEST DYERS PASS RD	CASHMERE AVE +400M	MACMILLAN AVE	558	CASHMERE					
Asphalt	DISRAELIST	MONTREAL ST	ORBELL ST	117	CENTRAL					
Asphalt	PETERBOROUGH ST 2 EAST VICTORIA ST	COLOMBO ST	MANCHESTER ST	247	CENTRAL					
Asphalt	SPRINGFIELD RD 1 SOUTH DURHAM ST	BEALEY AVE	DURHAM ST	307	CENTRAL					
Asphalt	LAMORNA RD	FORESTERS CRES	#38A	31	COASTAL					
Asphalt	HEWITTS RD	# 70 HEWITTS RD	# 46 HEWITTS RD	112	FENDALTON					
Asphalt	CASHMERE RD 2 WEST HENDERSONS RD	CASHMERE RD	# 288 CASHMERE RD	100	HALSWELL					
Asphalt	KING ST	COLOMBO ST	# 18 KING ST	105	HEATHCOTE					
Asphalt	WALTON ST	CADOGAN ST	COLOMBO ST	258	HEATHCOTE					
Asphalt	CLEARBROOK ST	BRIGGS RD	MAURICE STANTON PL	155	INNES					
Asphalt	CLEARBROOK ST	MAURICE STANTON PL	SANCTUARY GARDENS	231	INNES					
Asphalt	MOWBRAY ST	THACKERY ST	WILSONS RD NTH	325	LINWOOD					
Asphalt	FREEBAIRN ST 1	BEESTON PL	END OF CUL DE SAC	33	PAPANUI					
Asphalt	SEVENOAKS DRV	DERWENT ST	GRAHAMS RD	342	WAIMAIRI					
	Asphalt Resurfacing - FY26 Total			3,035		-	-	-	-	-
Rejuvenation AC Seal	- FY26									
Rejuvenation AC Seal	VIEW TCE 1 OFF RAMAHANA RD ACC #2-9	RAMAHANA RD	END OF ROAD	131	CASHMERE					
	Rejuvenation AC Seal - FY26 Total			131		-	-	-	-	-
	Asphalt & Rejuvenation AC Seal FY26 To	ntal		3,166						_
	Aspirati & nejuveriation Ao seat F120 1	otat		3,100						



Programmes are continuously managed and deconflicted with other projects and programmes, and utility provider works. They are also refined to fit within allocated budgets as works progress and so there may be some change from the list that follows.

Chipseal Re-surfacing Programme (Carriageway Reseals – Chipseal)

CPMS Project	Seal Type	FY25	FY26	FY27	FY28-30	FY31-34
181 - Carriageway Reseals - Chipseal		14,664,144	15,000,056	24,460,546	24,311,878	-
	Chip Seal					_
	Second Coat Seal					
	Chip and AC					

# **Chipseal Re-surfacing Programme - FY25**

Chip Seal - FY25

				Length						
Seal Type	Road	Start Name	End Name	(m)	Ward	FY25	FY26	FY27	FY28-30	FY31-34
	Chip Seal, Second Coat Seal & Ch	ip and AC - FY25				14,664,144				
Chip Seal	AYLMERS VALLEY ROAD	ONUKU RD	#59	516	BANKS PENINSULA					
Chip Seal	BOSSU ROAD	BRIDGE HAIRPIN BEND	BEND	100	BANKS PENINSULA					
Chip Seal	BRENCHLEY ROAD	COLLEGE RD	HYLTON HEIGHTS	461	BANKS PENINSULA					
Chip Seal	CEMETERY ROAD (WAINUI)	WAINUI MAIN RD	WAINUI CEMETERY	841	BANKS PENINSULA					
Chip Seal	CEMETERY ROAD (WAINUI)	WAINUI CEMETERY	warnerville	927	BANKS PENINSULA					
Chip Seal	CHARTERIS BAY ROAD	#70	BEND BY #209	460	BANKS PENINSULA					
Chip Seal	CHURCH ROAD	CHRISTCHURCH AKAROA SH 1 lane bridge	WESTERN VALLEY RD	780	BANKS PENINSULA					
Chip Seal	DALLEYS LANE	VOELAS RD	#3	77	BANKS PENINSULA					
Chip Seal	DALLEYS LANE	#7A	HARMANS RD	30	BANKS PENINSULA					
Chip Seal	DORIS FAIGAN LANE	BAY VIEW RD	END OF CUL DE SAC	124	BANKS PENINSULA					
Chip Seal	DUDLEY ROAD	BRIDLE PATH	JOYCE ST PATHWAY	124	BANKS PENINSULA					
Chip Seal	DUDLEY ROAD	JOYCE ST PATHWAY	#17 (SEAL END)	57	BANKS PENINSULA					
Chip Seal	FERNLEA POINT ROAD	PURAU PORT LEVY RD	PA RD	923	BANKS PENINSULA					
Chip Seal	GOVERNORS BAY ROAD	#869	DYERS PASS RD (LYTTELTON)	549	BANKS PENINSULA					
Chip Seal	HOLMES BAY ROAD	HOLMES BAY ROAD end of gravel section.	GRAVEL	205	BANKS PENINSULA					
Chip Seal	JUBILEE ROAD	BOSSU RD	4WD SIGNS	355	BANKS PENINSULA					
Chip Seal	KINLOCH ROAD	BOSSU RD	700M NTH	827	BANKS PENINSULA					
Chip Seal	KOWHAI GROVE	AYLMERS VALLEY RD	END OF CUL DE SAC	172	BANKS PENINSULA					
Chip Seal	LE BONS BAY ROAD	305m from LE BONS CEMETERY RD	LAVERICKS RIDGE	532	BANKS PENINSULA					
Chip Seal	LITTLE AKALOA ROAD	SUMMIT RD	2km down LITTLE AKALOA RD	2020	BANKS PENINSULA					
Chip Seal	LITTLE RIVER CEMETERY ROAD	CHURCH RD	58m pat sealed road.	406	BANKS PENINSULA					
Chip Seal	LONG BAY ROAD	seal joint to seal joint		165	BANKS PENINSULA					
Chip Seal	LONG BAY ROAD	LONG BAY ROAD	seal joint before hill climb	207	BANKS PENINSULA					
Chip Seal	LONG BAY ROAD	seal joint	HERITAGE PARK seal joint	543	BANKS PENINSULA					
Chip Seal	MOORES ROAD	WAINUI MAIN RD	END OF SEALED ROAD	522	BANKS PENINSULA					
Chip Seal	OKAINS BAY ROAD	PENINSULA FARM SUPPLIES ENT.	SUMMIT RD	2530	BANKS PENINSULA					
Chip Seal	OKUTI VALLEY ROAD	USSHERS RD	BRIDGE by RENYOLDS VALLEY	2419	BANKS PENINSULA					
Chip Seal	PA ROAD	RICHFIELD RD	PORT LEVY - PIGEON BAY RD	654	BANKS PENINSULA					
Chip Seal	PAWSONS VALLEY ROAD	CHRISTCHURCH AKAROA RD	30m PAST AKAROA GOLF CLUB	855	BANKS PENINSULA					
Chip Seal	PENLINGTON PLACE	MUTER ST	CUL-DE-SAC	339	BANKS PENINSULA					
Chip Seal	PIGEON BAY ROAD	RETAINING WALL	SUMMIT RD	2763	BANKS PENINSULA					



Chip Seal	PURAU - PORT LEVY ROAD	170m PAST ENT. TO #737	WHARF RD	2057	BANKS PENINSULA	
Chip Seal	ROSS TERRACE	SELWYN LN	SELWYN RD	174	BANKS PENINSULA	
Chip Seal	RUE DE LA MER	LE BONS BAY RD	CUL-DE-SAC	167	BANKS PENINSULA	
Chip Seal	RUE JOLIE SOUTH	26m FROM BEACH RD INT.	CHURCH ST	173	BANKS PENINSULA	
Chip Seal	SANDY BEACH ROAD	GOVERNORS BAY RD	CUL-DE-SAC	273	BANKS PENINSULA	
Chip Seal	SCHOOL ROAD	ROBINSONS BAY VALLEY RD	30m BEFORE RESERVE ENT.	136	BANKS PENINSULA	
Chip Seal	SUMMIT RD	OMAHU BUSH SECTION (COOPERS KNOB)	AHURIRI RESERVE CATTLESTOP	1336	BANKS PENINSULA	
Chip Seal	SUMMIT RD	AHURIRI RESERVE CATTLESTOP	150m EAST OF CULVERT #58	1394	BANKS PENINSULA	
Chip Seal	SUMMIT ROAD	CHRISTCHURCH AKAROA RD	PETTIGREWS RD	2537	BANKS PENINSULA	
Chip Seal	SUMMIT ROAD	OKAINS BAY RD	1.16k PAST KINGSTONS HILL RD	2469	BANKS PENINSULA	
Chip Seal	TIZZARDS ROAD	KINGSTONS HILL	CUL-DE-SAC	753	BANKS PENINSULA	
Chip Seal	UPHAM TERRACE	CORNWALL RD	ROSS PDE	209	BANKS PENINSULA	
Chip Seal	WAINUI MAIN ROAD	CHCH AKAROA RD	ONE LANE BRIDGE	3235	BANKS PENINSULA	
Chip Seal	WAINUI MAIN ROAD	TIKAO BAY RD	JUBILEE RD	3932	BANKS PENINSULA	
Chip Seal	WAIREWA PA ROAD	KINLOCH RD	WAIREWA PA RD	240	BANKS PENINSULA	
Chip Seal	WARNERVILLE ROAD	CEMETERY ROAD (WAINUI)	END OF CUL DE SAC	325	BANKS PENINSULA	
Chip Seal	WESTERN VALLEY ROAD	CHCH AKAROA RD	CHURCH RD	1014	BANKS PENINSULA	
Chip Seal	WESTERN VALLEY ROAD	CHURCH RD	MONTGOMERYS RD - (1km SOUTH)	1093	BANKS PENINSULA	
Chip Seal	ALPINE VIEW LANE	#32	ROUNDABOUT	36	BURWOOD	
Chip Seal	BASINGSTOKE ST	HAMPSHIRE ST	PORTSMOUTH ST	610	BURWOOD	
Chip Seal	BELFIELD ST	MCBRATNEYS RD	BRAMWELL ST	185	BURWOOD	
Chip Seal	BELFIELD ST	BRAMWELL ST	STRATHFIELD AVE	109	BURWOOD	
Chip Seal	BRAMWELL ST 2 EAST BELFIELD ST	BELFIELD ST	END OF CUL DE SAC	117	BURWOOD	
Chip Seal	CHERITON ST	HAMPSHIRE ST	EUREKA ST	89	BURWOOD	
Chip Seal	CRESSWELL AVE 1 WEST GAYHURST RD	NEW BRIGHTON RD	GAYHURSTRD	342	BURWOOD	
Chip Seal	EUREKA ST	CHERITON ST	SOBERTON ST	220	BURWOOD	
Chip Seal	GOSPORT ST	BREEZES RD	ALDERSHOT ST	112	BURWOOD	
Chip Seal	HAMPSHIRE ST	BREEZES RD	LYNHURST CRES	163	BURWOOD	
Chip Seal	HAMPSHIRE ST	LYNHURST CRES	MARLOW RD	224	BURWOOD	
Chip Seal	LAKE TERRACE RD 1 EAST BURWOOD RD	NEW BRIGHTON	BURWOOD	119	BURWOOD	
Chip Seal	LENTON ST	SHORTLAND	BREEZES	342	LINWOOD	
Chip Seal	LYNDHURST CRES	HAMPSHIRE ST	HAMPSHIRE St	526	BURWOOD	
Chip Seal	MARSHLAND RD SHOPS / ACCESS	OSHEAS BAR	MHERC	99	BURWOOD	
Chip Seal	MCBRATNEYS RD	27m past RAB	#116	436	BURWOOD	
Chip Seal	MEON ST	SOBERTON	#16	152	BURWOOD	
Chip Seal	MEON ST	#16	#50	194	BURWOOD	
Chip Seal	MEON ST	#56	EUREKA ST	71	BURWOOD	
Chip Seal	MUNDYS RD	GAYHURST	CLOSED SECTION	220	BURWOOD	
Chip Seal	NEWPORT ST	EMLYN	WAINONI	207	BURWOOD	
Chip Seal	ORRICK CRES	WAINONI	COWES RAB	205	BURWOOD	
Chip Seal	SANDOWN CRES	YARMOUTH ST	YARMOUTH ST	464	BURWOOD	
Chip Seal	SHORTLAND ST	CARTERS	NUGENT	352	LINWOOD	
Chip Seal	SHORTLAND ST	NUGENT	BREEZES	227	LINWOOD	
Chip Seal	SHUTTLE DR	PAGES RD	TREATMENT PLANT	430	LINWOOD	
Chip Seal	STILLWATER AVE	40m BEFORE FENMERE PL	LAKEWOOD DR	133	BURWOOD	
Chip Seal	TENBY PL	NEWPORT PL	CUL-DE-SAC	229	BURWOOD	
Chip Seal	TWYNHAM PL	LYNDHURST CRES	END OF CUL DE SAC	118	BURWOOD	
Chip Seal	WAITIKIRI DRV 2 TO ALPINE VIEW RNBT	LANDFILL AVE	ALPINE VIEW LN RAB	162	BURWOOD	
Chip Seal	WAITIKIRI DRV 2 TO ALPINE VIEW RNBT	ALPINE VIEW LN RNBT	ALPINE VIEW LN RNBT	26	BURWOOD	



Chip Seal	WAITIKIRI DRV 3 RNBT / ALPINE VIEW	ALPINE VIEW LN RNBT	ALPINE VIEW LN RNBT	56	BURWOOD	
Chip Seal	WAITIKIRI DRV 4 FROM ALPINE V RNBT	ALPINE VIEW LN RNBT	BLUESTONE DRV	195	BURWOOD	
Chip Seal	WESTCOTT ST 2 EAST BELFIELD ST	BELFIELD ST	END OF CUL DE SAC	110	BURWOOD	
Chip Seal	WIMBORNE CRES	BASINGSTOKE ST	BASINGSTOKE ST	363	BURWOOD	
Chip Seal	AOTEA TCE	ERROL LN	AOTEA TCE AC	225	CASHMERE	
Chip Seal	BOWENVALE AVE	CENTAURUS RD	DALEFIELD DR	843	CASHMERE	
Chip Seal	BOWENVALE AVE	DALEFIELD DRV	#112	289	CASHMERE	
Chip Seal	CONWAY ST	LYTTELTON ST	BARRINGTON ST	850	CASHMERE	
Chip Seal	ENSORS RD 1	FIFIELD TCE	OPAWA RD	299	CASHMERE	
Chip Seal	FISHER AVE	COLOMBO ST	EASTERN TCE	843	HEATHCOTE	
Chip Seal	FORD RD HEATHCOTE	FIFIELD TCE	OPAWA RD	643	HEATHCOTE	
Chip Seal	LANDSDOWNE TCE	GUNNS	WEDGEWOOD	212	CASHMERE	
Chip Seal	LOUISSON PL	FORD	END	186	HEATHCOTE	
Chip Seal	MARTIN AVE	WAIMEA	BIRDWOOD	229	CASHMERE	
Chip Seal	PARKLANDS DRV	CENTAURUS	18m BEFORE CONFIER PL	311	CASHMERE	
Chip Seal	PARKLANDS DRV	29m BEFORE RANELAGH TCE	35m PAST RANELAGH TCE	60	CASHMERE	
Chip Seal	RAPAKI RD	CENTAURUS RD	CUL-DE-SAC / RAPAKI TRACK	1230	CASHMERE	
Chip Seal	SHALAMAR DRV	START OF ROAD NARROWING	42m BEFORE TURNOFF	623	CASHMERE	
Chip Seal	ST MARTINS RD 1	80m BEFORE BEND	RIVERLAW TCE	165	CASHMERE	
·		291m BEFORE LYTTELTON HARBOUR VIEW				
Chip Seal	SUMMIT RD	POINT	140m PAST FARM ENTRANCE	1204	CASHMERE	
Chip Seal	SUMMIT RD	CATTLE STOP AT SCOTT SCENIC RESERVE	GATE FOR THOMSON RESERVE	2240	CASHMERE	
Chip Seal	SUMMIT RD	GATE FOR THOMSON RESERVE	DYERS PASS RD	1210	CASHMERE	
Chip Seal	SUMMIT RD	CATTLE STOP BEFORE DYERS PASS ROAD	CATTLE STOP AT WORSLEYS RD INT.	1410	CASHMERE	
Chip Seal	SUMMIT RD	CATTLE STOP AT WORSLEYS RD INT.	35m BEFORE HOON HAY RESERVE PARKING BAY	947	BANKS PENINSULA	
·		35m BEFORE HOON HAY RESERVE PARKING				
Chip Seal	SUMMIT RD	BAY	100m PAST KENNEDYS BUSH RD 45m PAST JOHN JAMESON	1155	HALSWELL	
Chip Seal	SUMMIT RD	100m PAST KENNEDYS BUSH RD	LOOKOUT	1000	HALSWELL	
Chip Seal	SUMMIT RD	150m EAST OF CULVERT #58	CATTLE STOP	1177	BANKS PENINSULA	
Chip Seal	VALLEY RD	SHERWOD LN	BEFORE LEFT TURN	285	CASHMERE	
Chip Seal	VERNON TCE 1	VERNON TCE 1	#39	498	CASHMERE	
Chip Seal	VERNON TCE 2 UPPER ACCESS	#39	END OF CUL DE SAC	186	CASHMERE	
Chip Seal	VERNON TCE 3 LOWER ACCESS	VERNON TCE 3 LOWER ACCESS	END OF CUL DE SAC	120	CASHMERE	
Chip Seal	WAIMEA TCE	COLOMBO ST	TUSCANY PL	301	CASHMERE	
Chip Seal	WAIMEA TCE	TUSCANY PL	SANDWICH RD	221	CASHMERE	
Chip Seal	WAIMEA TCE	SANDWICH RD	MALCOLM AVE	217	CASHMERE	
Chip Seal	ALEXANDRA ST	PERTH ST	PAVITT ST	197	CENTRAL	
Chip Seal	ALEXANDRA ST	PAVITT ST	STANMORE RD	95	CENTRAL	
Chip Seal	ARMAGH ST 3 EAST STANMORE RD	STANMORE RD	ENGLAND ST	465	CENTRAL	
Chip Seal	BANKS AVE	NTH PARADE	ACHILLES ST	181	BURWOOD	
Chip Seal	BANKS AVE	ACHILLES ST	COOPERS RD	12	BURWOOD	
Chip Seal	BANKS AVE	COOPERS RD	#41 NARROWING	218	BURWOOD	
Chip Seal	BARBADOES ST 1 NORTH BEALEY AVE	PURCHAS ST	BEALEY AVE	246	INNES	
Chip Seal	BISHOP ST	CANON ST	EDGEWARE RD	237	INNES	
Chip Seal	CAMBRIDGE TCE 6 EAST BARBADOES ST	BARBADOES ST	#361	252	CENTRAL	
	CASHEL ST 4 FITZGERALD TO LINWOOD	RAGLAN ST	STANMORE RD	221	CENTRAL	
Chip Seai					O = 1 1 1 1 1 1 L	
Chip Seal Chip Seal	CLARE RD	PAPANUI RD	BRISTOL ST	175	INNES	



Chip Seal	COLERIDGE ST	GASSON ST	BRISBANE ST	175	НЕАТНСОТЕ
Chip Seal	ENGLAND ST	CASHEL ST INT	CASHEL ST INT	39	CENTRAL
Chip Seal	ENGLAND ST	WORCESTER ST	GLOUCESTER ST	72	CENTRAL
Chip Seal	ENGLAND ST	ARMAGH ST	LINWOOD AVE	122	CENTRAL
Chip Seal	GRACEFIELD AVE	SALISBURY ST	ST DURHAM NTH	296	CENTRAL
Chip Seal	GRESFORD ST	CHAMPION ST	HILLS RD	190	INNES
Chip Seal	LAWSON ST	COLOMBO	BUCHEN	110	HEATHCOTE
Chip Seal	PACKE ST	CANON ST	33m BEFORE EDGEWARE RD	226	INNES
Chip Seal	PERCY ST	TUAMST	CASHELST	268	CENTRAL
Chip Seal	RICCARTON AVE	27m PAST GARDENS CARPARK	233m BEFORE DEANS AVE	190	CENTRAL
Chip Seal	WILMER ST	MONTREAL ST	WILMER ST NARROWING	103	CENTRAL
Chip Seal	WILMER ST	WILMER ST NARROWING	DURHAM ST STH	116	CENTRAL
Chip Seal	BADGER ST	BEACH RD	SYLVIA ST	155	COASTAL
Chip Seal	BELLAMY AVE 2 WEST PINE AVE	ESTUARY RD	PINE AVE	142	COASTAL
Chip Seal	BOWHILL RD	MARINE PDE	MARRIOTTS RD	812	COASTAL
Chip Seal	CYGNET ST	MARINE PDE	END OF CUL DE SAC	393	COASTAL
Chip Seal	ENDEAVOUR ST	EFFINGHAM ST	ROYALIST AVE	103	COASTAL
Chip Seal	ESTUARY RD	JERVOIS ST	KIBBLEWHITE ST	21	COASTAL
Chip Seal	HERON ST	ROCKING HORSE RD	END OF CUL DE SAC	184	COASTAL
Chip Seal	JELLICOE ST	ESTUARY RD	END OF CUL DE SAC	67	COASTAL
Chip Seal	LOWER STYX RD	HEYDERS	EARLHAM	1856	COASTAL
Chip Seal	LOWER STYX RD	EARLHAM	Lone house at 968	693	COASTAL
Chip Seal	LOWER STYX RD	Lone house at 968	#1014	481	COASTAL
Chip Seal	LOWER STYX RD	#1014	HARBOUR Rd	736	COASTAL
Chip Seal	MARINE PDE 4 BERESFORD TO CASPIAN	#470	#483	122	COASTAL
Chip Seal	MOUNTBATTEN ST	UNION	MARINE PDE	330	COASTAL
Chip Seal	RIVERLEA ESTATE DRV 1 OFF KAINGA R	KAINGA RD	PINE AVE	375	COASTAL
Chip Seal	SALTAIRE ST	MARRIOTTS	BOWER	203	COASTAL
Chip Seal	SHAW AVE 1 OFF SEAVIEW RD	33m BEFORE HAWKE ST RAB	RAWHITI DOMAIN	278	COASTAL
Chip Seal	AIKMANS RD	ROSSALL ST	STIRLING ST	217	FENDALTON
Chip Seal	BRISTOL ST	CLARE RD	HOLLY RD	249	INNES
Chip Seal	BROWNS RD	ST ALBANS ST	MANSFIELD AVE	166	FENDALTON
Chip Seal	BROWNS RD	MANSFIELD AVE	HAWKESBURY AVE	217	FENDALTON
Chip Seal	HARAKEKE ST	ROCHDALE ST	DAREBURY LN	39	FENDALTON
Chip Seal	HARAKEKE ST	DARESBURY LN	END OF CUL DE SAC	147	FENDALTON
Chip Seal	HARTLEY AVE	NORMANS RD	HALTON ST	314	FENDALTON
Chip Seal	HARTLEY AVE	HALTON ST	HAWTHORNE ST	154	FENDALTON
Chip Seal	IDRIS RD	JEFFREYS RD	WAIRAKEI RD INT	216	FENDALTON
Chip Seal	ILAM RD	CLYDE ROAD	BATEMAN AVENUE	132	FENDALTON
Chip Seal	ILAM RD	BATEMAN AVE	ROCHFORD PL	227	FENDALTON
Chip Seal	ILAM RD	ROCHFORD PL	WAIRAKEIRD	402	FENDALTON
Chip Seal	JOYCE CRES	ILAM RD	END OF CUL DE SAC	264	FENDALTON
Chip Seal	OFFICE RD 2 EAST OF WINCHESTER ST	OFFICE RD	AKELA	158	FENDALTON
Chip Seal	ORKNEY ST	JEFFREYS RD	PLYNLIMON RD	177	FENDALTON
Chip Seal	PITCAIRN CRES	CHRISTIAN ST	WAIRAKEIRD	219	PAPANUI
Chip Seal	ROCHDALE ST	STRAVEN	HARAKEKE	258	FENDALTON
Chip Seal	RUGBY ST	ROSSALL	NASEBY	190	FENDALTON
Chip Seal	RUGBY ST	NASEBY	WINCHESTER	239	FENDALTON
Only ocat					



Chip Seal							
Chip Seal   Chic CETTS AVE	Chip Seal	WAIRAKEI RD 1 EAST RUSSLEY RD	WESTHOLME ST	CHISLEHURST PL	572	FENDALTON	
CAMPS   CHECKETTS AME	Chip Seal	WINCHESTER ST	MERIVALE LN	RUGBY ST	250	FENDALTON	
Chils Seel   ALSWELL   CTR   SOUTH CSM	Chip Seal	WINCHESTER ST	RUGBY ST	OFFICE RD	106	FENDALTON	
Coing Seal   HALSWELL CET DIS SOUTH CSM	Chip Seal	CHECKETTS AVE	ENSIGN ST	LANCEWOOD DR	712	HALSWELL	
Chip Seal   MAISWELL CFT DI SOUTH CSM	Chip Seal	COBRA ST	ENSIGN ST	BALKWELL ST	337	HALSWELL	
Chip Seat	Chip Seal	HALSWELL JCT RD 1 SOUTH CSM	HAMIL RD	WHINCORPS RD	655	HALSWELL	
Chip Seal   MENDERSON RD	Chip Seal	HALSWELL JCT RD 1 SOUTH CSM	HALSWELL JCT RD 1 SOUTH CSM		696	HALSWELL	
Chips Saal         KENNEDYS BUSH RD 1         SPANKS RD         School road rab         660         HALSWELL           Chip Seal         MILNS RD         HALSWELL PL         KENNEDYS BUSH RD         CLID ES AC         41         HALSWELL           Chip Seal         MILNS RD         HALSWELL PL         TE REPO DR         784         HALSWELL           Chip Seal         SHAMPROCK PL         WALES         START OF URNING CIRCLE         166         HALSWELL           Chip Seal         SUNBEAM PL         SHAMPOCK PL         WALES         START OF URNING CIRCLE         166         HALSWELL           Chip Seal         SUTHERLANDS RD         SIGH PROCKER         190         HALSWELL         100           Chip Seal         SUTHERLANDS RD         BUNZ RD         191         HALSWELL         100           Chip Seal         SUTHERLANDS RD         WATERWAY         MURHILL ST         411         HALSWELL           Chip Seal         WIGHTRANDS RD         WATERWAY         100         HALSWELL         100           Chip Seal         WIGHERLD ST         WATERWAY         MURHILL ST         411         HALSWELL           Chip Seal         WIGHERLD ST         WATERWAY         MURHILL ST         418         HALSWELL	Chip Seal	HALSWELL JCT RD 1 SOUTH CSM	HALSWELL JCT RD 1 SOUTH CSM		1042	HALSWELL	
Chip Seal	Chip Seal	HENDERSONS RD	#186	HALSWELL RD	853	HALSWELL	
Chip Seal	Chip Seal	KENNEDYS BUSH RD 1	SPARKS RD	School road rab	560	HALSWELL	
Chip Seal         CLD TAIT APUR D         400 BEFORE #811 ENT.         193         HALSWELL           Chip Seal         SHAMPOCK PL         WALES         START OF TURNING CIRCLE         166         HALSWELL           Chip Seal         SUNBEAM PL         SHAMROCK PL         CUL DE SAC         78         HALSWELL           Chip Seal         SUTHERLANDS RD         30m BEFORE SPARKS RD INT.         BUNZ RD         219         HALSWELL           Chip Seal         SUTHERLANDS RD         BUNZ RD         WATERWAY         190         HALSWELL           Chip Seal         SUTHERLANDS RD         MALERWAY         MURHILL ST         411         HALSWELL           Chip Seal         SUTHERLANDS RD         MURHALL ST         411         HALSWELL           Chip Seal         SUCHARDA         SPRINGWARTER AV         166         HARSWELL           Chip Seal         CHOLEFIELD RD         CONNEWARD RD         400 MARAWARD RD         400 MARAWARD RD         400 MARAWARD RD	Chip Seal	MAPLEDALE PL	KENNEDYS BUSH RD	CUL DE SAC	41	HALSWELL	
Chip Seal   SUMBEAM PL   SHAMPOCK PL   WALES   START OF TURNING CIRCLE   166   HALSWELL	Chip Seal	MILNS RD	HALSWELL RD	TE REPO DR	784	HALSWELL	
Chip Seal   SUNBEAM P		OLD TAI TAPU RD	40m BEFORE #86 ENT.	40m BEFORE #111 ENT.	193	HALSWELL	
Chip Seal         SUTHERLANDS RD         30m BEFORE SPARKS RD INT.         BUNZ RD         219         HALSWELL           Chip Seal         SUTHERLANDS RD         WATERWAY         190         HALSWELL           Chip Seal         SUTHERLANDS RD         WATERWAY         MURHILL ST         411         HALSWELL           Chip Seal         SUTHERLANDS RD         WATERWAY         MURHILL ST         418         HALSWELL           Chip Seal         SUTHERLANDS RD         MURHILL ST         CASHMERE         418         HALSWELL           Chip Seal         SUTHERLANDS RD         MURHILL ST         CASHMERE         418         HALSWELL           Chip Seal         RNGLEFIELD RD         SEFTON ST         CONNEMARA DR         392         HAREWOOD           Chip Seal         ROLEFIELD RD         CONNEMARA DR         SPRINGWATER AVE         166         HAREWOOD           Chip Seal         GRAYS RD         RYANS RD         GEORGE BELLEW RD         1140         HAREWOOD           Chip Seal         GRAYS RD         GREYS RD         POUND RD         944         HAREWOOD           Chip Seal         GARLYS RD         GREYS RD         POUND RD         944         HAREWOOD           Chip Seal         BANFORD ST I SOUTH BARTON ST	Chip Seal	SHAMROCK PL	WALES	START OF TURNING CIRCLE	166	HALSWELL	
Chip Seal   SUTHERLANDS RD	Chip Seal	SUNBEAM PL	SHAMROCKPL	CUL-DE-SAC	78	HALSWELL	
Chip Seal         SUTHERLANDS RD         WATERWAY         MURHILL ST         411         HALSWELL           Chip Seal         WIGRAM RD1         MWIRHILL ST         CASHMERE         418         HALSWELL           Chip Seal         WIGRAM RD1         AWATEA RD         AIDANFIELD DR         1004         HALSWELL           Chip Seal         ENGLEFIELD RD         SEFTON ST         CONNEMARA DR         392         HAREWOOD           Chip Seal         ENGLEFIELD RD         CONNEMARA DR         SPRINGWAYER AVE         166         HAREWOOD           Chip Seal         GRAYS RD         CONNEMARA DR         SPRINGWAYER AVE         166         HAREWOOD           Chip Seal         JOHNS RD OFF GARDINERS RD         GROWN RD         GEORGE BELLEW RD         1140         HAREWOOD           Chip Seal         JOHNS RD OFF GARDINERS RD         GREYS RD         POUND RD         944         HAREWOOD           Chip Seal         BAMPARD ST SLUJE AVEST RUSSLEY RD         PETER LEEMING RD         AC CULDE-SAC         112         HAREWOOD           Chip Seal         BRIDLE PATH RD 1         MARINDALES RD         #12S         291         HEATHCOTE           Chip Seal         BRIDLE PATH RD 1         MARINDALES RD         #12S         291         HEATHCOTE	Chip Seal	SUTHERLANDS RD	30m BEFORE SPARKS RD INT.	BUNZ RD	219	HALSWELL	
Chip Seal         SUTHERLANDS RD         WATERWAY         MURHILL ST         411         HALSWELL           Chip Seal         WIGRAM RD1         MWIRHILL ST         CASHMERE         418         HALSWELL           Chip Seal         WIGRAM RD1         AWATEA RD         AIDANFIELD DR         1004         HALSWELL           Chip Seal         ENGLEFIELD RD         SEFTON ST         CONNEMARA DR         392         HAREWOOD           Chip Seal         ENGLEFIELD RD         CONNEMARA DR         SPRINGWAYER AVE         166         HAREWOOD           Chip Seal         GRAYS RD         CONNEMARA DR         SPRINGWAYER AVE         166         HAREWOOD           Chip Seal         JOHNS RD OFF GARDINERS RD         GROWN RD         GEORGE BELLEW RD         1140         HAREWOOD           Chip Seal         JOHNS RD OFF GARDINERS RD         GREYS RD         POUND RD         944         HAREWOOD           Chip Seal         BAMPARD ST SLUJE AVEST RUSSLEY RD         PETER LEEMING RD         AC CULDE-SAC         112         HAREWOOD           Chip Seal         BRIDLE PATH RD 1         MARINDALES RD         #12S         291         HEATHCOTE           Chip Seal         BRIDLE PATH RD 1         MARINDALES RD         #12S         291         HEATHCOTE		SUTHERLANDS RD	BUNZ RD		190		
Chip Seal	Chip Seal	SUTHERLANDS RD	WATERWAY	MUIRHILL ST	411	HALSWELL	
Chip Seal         ENGLEFIELD RD         SEFTON ST         CONNEMARA DR         392         HAREWOOD           Chip Seal         ENGLEFIELD RD         CONNEMARA DR         SPRINGWATER AVE         166         HAREWOOD           Chip Seal         GRAY'S RD         RYANS RD         GEORGE BELLEW RD         11.40         HAREWOOD           Chip Seal         JOHNS RD OFF GARDINERS RD         GADINERS RD         ROUNDABOUT         889         HAREWOOD           Chip Seal         WARAKEIRD 2 WEST RUSSLEY RD         PETER LEEMING RD         AC CUL-DE-SAC         112         HAREWOOD           Chip Seal         BAMFORD ST 1 SOUTH BARTON ST         JUBILEE ST         BROAD ST         124         LINWOOD           Chip Seal         CLIFTON TCE         AC JOIN         KINSEY TCE         384         HEATHCOTE           Chip Seal         CLIFTON TCE         AC JOIN         KINSEY TCE         158         HEATHCOTE           Chip Seal         CLIFTON TCE         KINSEY TCE         TUAWERA TCE         158         HEATHCOTE           Chip Seal         FORBES ST         DEVON ST         BEAUMONT ST         60         CASHMERE           Chip Seal         FORBES ST         DEVON ST         BEAUMONT ST         60         CASHMERE           Chip	Chip Seal	SUTHERLANDS RD	MUIRHILL ST	CASHMERE	418	HALSWELL	
Chip Seal         ENGLEFIELD RD         SEFTON ST         CONNEMARA DR         392         HAREWOOD           Chip Seal         ENGLEFIELD RD         CONNEMARA DR         SPRINGWATER AVE         166         HAREWOOD           Chip Seal         GRAY'S RD         RYANS RD         GEORGE BELLEW RD         11.40         HAREWOOD           Chip Seal         JOHNS RD OFF GARDINERS RD         GADINERS RD         ROUNDABOUT         889         HAREWOOD           Chip Seal         WARAKEIRD 2 WEST RUSSLEY RD         PETER LEEMING RD         AC CUL-DE-SAC         112         HAREWOOD           Chip Seal         BAMFORD ST 1 SOUTH BARTON ST         JUBILEE ST         BROAD ST         124         LINWOOD           Chip Seal         CLIFTON TCE         AC JOIN         KINSEY TCE         384         HEATHCOTE           Chip Seal         CLIFTON TCE         AC JOIN         KINSEY TCE         158         HEATHCOTE           Chip Seal         CLIFTON TCE         KINSEY TCE         TUAWERA TCE         158         HEATHCOTE           Chip Seal         FORBES ST         DEVON ST         BEAUMONT ST         60         CASHMERE           Chip Seal         FORBES ST         DEVON ST         BEAUMONT ST         60         CASHMERE           Chip	Chip Seal	WIGRAM RD1	AWATEA RD	AIDANFIELD DR	1004	HALSWELL	
Chip Seal		ENGLEFIELD RD	SEFTON ST	CONNEMARA DR	392	HAREWOOD	
Chip Seal JOHNS RD OFF GARDINERS RD GARDINERS RD GREYS RD POUND RD 944 HAREWOOD Chip Seal RYANS RD GREYS RD POUND RD 944 HAREWOOD Chip Seal WAIRAKEI RD 2 WEST RUSSLEY RD PETER LEEMING RD AC CUI-DE-SAC 1112 HAREWOOD Chip Seal BAMFORD ST 1 SOUTH BARTON ST JUBILEE ST BROAD ST 124 LINWOOD Chip Seal BRIDLE PATH RD 1 MARTINDALES RD #125 291 HEATHCOTE Chip Seal CLIFTON TCE AC JOIN KINSEY TCE 344 HEATHCOTE Chip Seal CLIFTON TCE AC JOIN KINSEY TCE TUAWERA TCE 158 HEATHCOTE Chip Seal CROYDON ST SOUTH AMPTON ST HUXLEY ST 229 HEATHCOTE Chip Seal CROYDON ST SOUTH AMPTON ST BEAUMONT ST 60 CASHMERE Chip Seal FORBES ST DEVON ST BEAUMONT ST 60 CASHMERE Chip Seal HEAD ST NAYLAND ST BEAUMONT ST BEFORE CUL DE SAC 61 CASHMERE Chip Seal HEAD ST NAYLAND ST HEBERDEN AVE 1 NORTH NAYLAND ST HEBERDEN AVE 1 NORTH NAYLAND ST HEBERDEN AVE 1 NORTH NAYLAND ST ST SEPLANADE 77 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST SPANADE #9 82 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST SPANADE #9 82 HEATHCOTE Chip Seal KING EDWARD TCE KING EWARD TCE BAMFORD ST 315 LINWOOD CONDING TO THE SAC AS HEATHCOTE CONDING TO THE SAC AS HEATHCOTE CONDING TO THE SAC AS HEATHCOTE CONDING TO THE SAC AS HEATHCOTE CONDING TO THE SAC AS HEATHCOTE CONDING TO THE SAC AS HEATHCOTE CONDING TO THE SAC AS HEATHCOTE CONDING TO THE SAC AS HEATHCOTE CONDING TO THE SAC AS HEATHCOTE CONDING TO THE SAC AS HEATHCOTE CONDING TO THE SAC AS HEATHCOTE CONDING TO THE SAC AS HEATHCOTE CONDING TO THE	Chip Seal	ENGLEFIELD RD	CONNEMARA DR	SPRINGWATER AVE	166	HAREWOOD	
Chip Seal   RYANS RD   GREYS RD   POUND RD   944   HAREWOOD   Chip Seal   WARRAKEI RD 2 WEST RUSSLEY RD   PETER LEEMING RD   AC CUL-DE-SAC   112   HAREWOOD   HAREWOOD   Chip Seal   BAMFORD ST 1 SOUTH BARTON ST   JUBILEE ST   BROAD ST   124   LINWOOD   LI	Chip Seal	GRAYS RD	RYANS RD	GEORGE BELLEW RD	1140	HAREWOOD	
Chip Seal BAMFORD ST 1 SOUTH BARTON ST JUBILEE ST BROAD ST 124 LINWOOD Chip Seal BAMFORD ST 1 SOUTH BARTON ST JUBILEE ST BROAD ST 124 LINWOOD Chip Seal BRIDLE PATH RD 1 MARTINDALES RD #125 291 HEATHCOTE Chip Seal CLIFTON TCE AC JOIN KINSEY TCE 384 HEATHCOTE Chip Seal CLIFTON TCE KINSEY TCE TUAWERA TCE 158 HEATHCOTE Chip Seal CROYDON ST SOUTHAMPTON ST HUXLEY ST 229 HEATHCOTE Chip Seal FORBES ST DEVON ST BEAUMONT ST BEAUMONT ST 60 CASHMERE Chip Seal FORBES ST BEAUMONT ST BEFORE CUL DE SAC 61 CASHMERE Chip Seal HEAD ST NAYLAND ST HEBERDEN AVE 1 NORTH NAYLAND ST #3 232 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST #3 232 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST #8 NAYLAND ST 32 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST #9 NAYLAND ST 32 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST #9 NAYLAND ST 32 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST #9 NAYLAND ST 32 HEATHCOTE Chip Seal KING EDWARD TCE KING EDWARD TCE KING EDWARD TCE KING EDWARD TCE KING EDWARD TCE KING EDWARD TCE KING EDWARD TCE Chip Seal LAING CRES PORTHILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES PORTHILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES PORTHILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES PORTHILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES PORTHILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES PORTHILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES PORTHILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES PORTHILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES PORTHILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES PORTHILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES PORTHILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES PORTHILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES PORTHILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES PORTHILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES PORTHILLS RD MAUGER DR 257 HEATHCOTE Chip Seal NAYLAND ST 2 EASTWAKEFIELD AVE HEAD CHIP TO TANNER ST 314 HEATHCOTE Chip Seal NAYLAND ST 2 EASTWAKEFIELD AVE HEAD CHIP TO THE T	Chip Seal	JOHNS RD OFF GARDINERS RD	GARDINERS RD	ROUNDABOUT	889	HAREWOOD	
Chip Seal   BAMFORD ST 1 SOUTH BARTON ST   JUBILEE ST   BROAD ST   124   LINWOOD	Chip Seal	RYANS RD	GREYS RD	POUND RD	944	HAREWOOD	
Chip Seal   CLIFTON TCE	Chip Seal	WAIRAKEI RD 2 WEST RUSSLEY RD	PETER LEEMING RD	AC CUL-DE-SAC	112	HAREWOOD	
Chip Seal CLIFTON TCE KINSEY TCE TUAWERA TCE 158 HEATHCOTE Chip Seal CLIFTON TCE KINSEY TCE TUAWERA TCE 158 HEATHCOTE Chip Seal CROYDON ST SOUTHAMPTON ST HUXLEY ST 229 HEATHCOTE Chip Seal FORBES ST DEVON ST BEAUMONT ST 60 CASHMERE Chip Seal FORBES ST BEAUMONT ST BEFORE CUL DE SAC 61 CASHMERE Chip Seal HEAD ST NAYLAND ST COLENSO ST 307 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST HEBERDEN AVE 1 NORTH NAYLAND ST 307 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST HEBERDEN AVE 1 NORTH NAYLAND ST 322 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST SPLANADE 99 82 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST SPLANADE 99 82 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST SPLANADE 99 82 HEATHCOTE Chip Seal KING EDWARD TCE RUTHERFORD ST KING EDWARD TCE 166 LINWOOD Chip Seal KING EDWARD TCE RUTHERFORD ST KING EDWARD TCE 166 LINWOOD Chip Seal LAING CRES PORT HILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES MAUGER DR END OF CUL DE SAC 298 HEATHCOTE Chip Seal LAING CRES MAUGER DR END OF CUL DE SAC 298 HEATHCOTE Chip Seal MAUNSELL ST 114m from GARLANDS RD Intersection TANNER ST 314 HEATHCOTE Chip Seal GLENSTRAE HORIZON HEIGHTS MANDALAY +80 #103 342 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE MEXIES HEAD HEAD 218 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE MEXIES HEAD HEBERDEN 134 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE HEAD HEBERDEN 134 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE HEAD HEBERDEN 134 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE HEAD HEBERDEN 134 HEATHCOTE	Chip Seal	BAMFORD ST 1 SOUTH BARTON ST	JUBILEE ST	BROAD ST	124	LINWOOD	
Chip Seal CLIFTON TCE KINSEY TCE TUAWERA TCE 158 HEATHCOTE Chip Seal CROYDON ST SOUTHAMPTON ST HUXLEY ST 229 HEATHCOTE Chip Seal FORBES ST DEVON ST BEAUMONT ST 60 CASHMERE Chip Seal FORBES ST DEVON ST BEFORE CUL DE SAC 61 CASHMERE Chip Seal HEAD ST NAYLAND ST COLENSO ST 307 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST HEBERDEN AVE 1 NORTH NAYLAND ST 307 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST #3 232 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST #3 ESPLANDE 77 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST #3 ESPLANDE 77 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST #9 82 HEATHCOTE Chip Seal KING EDWARD TCE RUTHERFORD ST KING EDWARD TCE Chip Seal KING EDWARD TCE RUTHERFORD ST KING EDWARD TCE Chip Seal LAING CRES PORT HILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES MAUGER DR END OF CUL DE SAC 298 HEATHCOTE Chip Seal MAUNSELL ST 114m from GARLANDS RD Intersection TANNER ST 314 HEATHCOTE Chip Seal GLENSTRAE HORIZON HEIGHTS MANDALAY +80 #103 342 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE MENZIES HEAD 128 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE MENZIES HEAD 134 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE MENZIES HEAD 134 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE MENZIES HEAD 134 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE HEAD HEBBERDEN 134 HEATHCOTE Chip Seal ROGERS ST HUME HUXLEY 304 HEATHCOTE	Chip Seal	BRIDLE PATH RD 1	MARTINDALES RD	#125	291	HEATHCOTE	
Chip Seal FORBES ST DEVON ST BEAUMONT ST BEAUMONT ST BEAUMONT ST 60 CASHMERE Chip Seal FORBES ST BEAUMONT ST BEFORE CUL DE SAC 61 CASHMERE Chip Seal FORBES ST BEAUMONT ST BEFORE CUL DE SAC 61 CASHMERE Chip Seal HEAD ST NAYLAND ST COLENSO ST 307 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST HEBERDEN AVE 1 NORTH NAYLAND ST #3 232 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST #3 232 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST #3 82 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST #9 NAYLAND ST 32 HEATHCOTE Chip Seal KING EDWARD TCE RUTHERFORD ST KING EDWARD TCE BAMFORD ST 315 LINWOOD Chip Seal LAING CRES PORT HILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES MAUGER DR END OF CUL DE SAC 298 HEATHCOTE Chip Seal LAING CRES MAUGER DR END OF CUL DE SAC 298 HEATHCOTE Chip Seal MAUNSELL ST 114m from GARLANDS RD Intersection TANNER ST 314 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE HEAD HEBERDEN 134 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE HEAD HEBERDEN 134 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE HEAD HEBERDEN 134 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE HEAD HEBERDEN 134 HEATHCOTE Chip Seal ROGERS ST HUME	Chip Seal	CLIFTON TCE	AC JOIN	KINSEY TCE	384	HEATHCOTE	
Chip Seal FORBES ST DEVON ST BEAUMONT ST BEAUMONT ST BEFORE CUL DE SAC 61 CASHMERE Chip Seal FORBES ST BEAUMONT ST BEFORE CUL DE SAC 61 CASHMERE Chip Seal HEAD ST NAYLAND ST COLENSO ST 307 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST HEBERDEN AVE 1 NORTH NAYLAND ST #3 232 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST #3 ESPLANADE 77 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST #3 ESPLANADE 77 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST #9 NAYLAND ST 32 HEATHCOTE Chip Seal KING EDWARD TCE RUTHERFORD ST KING EDWARD TCE 166 LINWOOD Chip Seal KING EDWARD TCE KING EWARD TCE BAMFORD ST 315 LINWOOD Chip Seal LAING CRES PORT HILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES MAUGER DR END OF CUL DE SAC 298 HEATHCOTE Chip Seal LAING CRES MAUGER DR END OF CUL DE SAC 298 HEATHCOTE Chip Seal MAUNSELL ST 114m from GARLANDS RD Intersection TANNER ST 314 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE MENZIES HEAD HEAD 134 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE MENZIES HEAD HEBERDEN 134 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE HEAD HEBERDEN 134 HEATHCOTE Chip Seal ROGERS ST HUME HAD HEBERDEN 134 HEATHCOTE	Chip Seal	CLIFTON TCE	KINSEY TCE	TUAWERA TCE	158	HEATHCOTE	
Chip Seal FORBES ST BEAUMONT ST BEFORE CUL DE SAC 61 CASHMERE Chip Seal HEAD ST NAYLAND ST COLENSO ST 307 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST HEBERDEN AVE 1 NORTH NAYLAND ST #3 232 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST #3 ESPLANADE 77 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST ESPLANADE #9 82 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST #9 NAYLAND ST 32 HEATHCOTE Chip Seal KING EDWARD TCE RUTHERFORD ST KING EDWARD TCE 166 LINWOOD Chip Seal KING EDWARD TCE KING EWARD TCE BAMFORD ST 315 LINWOOD Chip Seal LAING CRES PORT HILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES MAUGER DR END OF CUL DE SAC 298 HEATHCOTE Chip Seal LAING CRES MAUGER DR END OF CUL DE SAC 298 HEATHCOTE Chip Seal GLENSTRAE HORIZON HEIGHTS MANDALAY +80 #103 342 HEATHCOTE Chip Seal GLENSTRAE HORIZON HEIGHTS MANDALAY +80 #103 342 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE MENZIES HEAD 134 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE MENZIES HEAD 134 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE HEAD HEBERDEN 134 HEATHCOTE Chip Seal ROGERS ST HUME HUME HUXLEY 304 HEATHCOTE	Chip Seal	CROYDON ST	SOUTHAMPTON ST	HUXLEY ST	229	HEATHCOTE	
Chip Seal HEAD ST NAYLAND ST COLENSO ST 307 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST HEBERDEN AVE 1 NORTH NAYLAND ST #3 232 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST #3 ESPLANADE 77 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST ESPLANADE #9 82 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST ESPLANADE #9 82 HEATHCOTE Chip Seal KING EDWARD TCE RUTHERFORD ST KING EDWARD TCE 166 LINWOOD Chip Seal KING EDWARD TCE KING EWARD TCE BAMFORD ST 315 LINWOOD Chip Seal LAING CRES PORT HILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES MAUGER DR END OF CUL DE SAC 298 HEATHCOTE Chip Seal LAING SPUR RD 1 CAVE TO Chip Seal GLENSTRAE HORIZON HEIGHTS MANDALAY +80 #103 342 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE MENZIES HEAD HEBERDEN 134 HEATHCOTE Chip Seal ROGERS ST HUME HUME HUXLEY 304 HEATHCOTE	Chip Seal	FORBES ST	DEVON ST	BEAUMONT ST	60	CASHMERE	
Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST HEBERDEN AVE 1 NORTH NAYLAND ST #3 ESPLANADE 77 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST #3 ESPLANADE 77 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST ESPLANADE #9 82 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST #9 NAYLAND ST 32 HEATHCOTE Chip Seal KING EDWARD TCE RUTHERFORD ST KING EDWARD TCE 166 LINWOOD Chip Seal KING EDWARD TCE KING EDWARD TCE BAMFORD ST 315 LINWOOD Chip Seal LAING CRES PORT HILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES MAUGER DR END OF CUL DE SAC 298 HEATHCOTE Chip Seal LAING CRES MAUNSELL ST 14m from GARLANDS RD Intersection NONCKS SPUR RD 1 CAVE TO Chip Seal GLENSTRAE HORIZON HEIGHTS MANDALAY +80 #103 342 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE MENZIES HEAD 134 HEATHCOTE Chip Seal ROGERS ST HUME HUME HUXLEY 304 HEATHCOTE	Chip Seal	FORBES ST	BEAUMONT ST	BEFORE CUL DE SAC	61	CASHMERE	
Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST #3 ESPLANADE 77 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST ESPLANADE #9 82 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST #9 NAYLAND ST 32 HEATHCOTE Chip Seal KING EDWARD TCE RUTHERFORD ST KING EDWARD TCE 166 LINWOOD Chip Seal KING EDWARD TCE KING EWARD TCE BAMFORD ST 315 LINWOOD Chip Seal LAING CRES PORT HILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES MAUGER DR END OF CUL DE SAC 298 HEATHCOTE Chip Seal MAUNSELL ST 114m from GARLANDS RD Intersection TANNER ST 314 HEATHCOTE Chip Seal GLENSTRAE HORIZON HEIGHTS MANDALAY +80 #103 342 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE MENZIES HEAD 134 HEATHCOTE Chip Seal ROGERS ST HUME HUME HUXLEY 304 HEATHCOTE	Chip Seal	HEAD ST	NAYLAND ST	COLENSO ST	307	HEATHCOTE	
Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST ESPLANADE #9 82 HEATHCOTE Chip Seal HEBERDEN AVE 1 NORTH NAYLAND ST #9 NAYLAND ST 32 HEATHCOTE Chip Seal KING EDWARD TCE RUTHERFORD ST KING EDWARD TCE 166 LINWOOD Chip Seal KING EDWARD TCE BAMFORD ST 315 LINWOOD Chip Seal LAING CRES PORT HILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES MAUGER DR END OF CUL DE SAC 298 HEATHCOTE Chip Seal MAUNSELL ST 114m from GARLANDS RD Intersection TANNER ST 314 HEATHCOTE MONCKS SPUR RD 1 CAVE TO Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE MENZIES HEAD 218 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE HEAD HEBERDEN 134 HEATHCOTE Chip Seal ROGERS ST HUME HUME HUXLEY 304 HEATHCOTE	Chip Seal	HEBERDEN AVE 1 NORTH NAYLAND ST	HEBERDEN AVE 1 NORTH NAYLAND ST	#3	232	HEATHCOTE	
Chip Seal KING EDWARD TCE RUTHERFORD ST KING EDWARD TCE 166 LINWOOD Chip Seal KING EDWARD TCE KING EWARD TCE BAMFORD ST 315 LINWOOD Chip Seal KING EDWARD TCE KING EWARD TCE BAMFORD ST 315 LINWOOD Chip Seal LAING CRES PORT HILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES MAUGER DR END OF CUL DE SAC 298 HEATHCOTE Chip Seal MAUNSELL ST 114m from GARLANDS RD Intersection TANNER ST 314 HEATHCOTE Chip Seal GLENSTRAE HORIZON HEIGHTS MANDALAY +80 #103 342 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE MENZIES HEAD 218 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE HEAD HEBERDEN 134 HEATHCOTE Chip Seal ROGERS ST HUME HUME HUXLEY 304 HEATHCOTE	Chip Seal	HEBERDEN AVE 1 NORTH NAYLAND ST	#3	ESPLANADE	77	HEATHCOTE	
Chip Seal KING EDWARD TCE RUTHERFORD ST KING EDWARD TCE 166 LINWOOD Chip Seal KING EDWARD TCE KING EWARD TCE BAMFORD ST 315 LINWOOD Chip Seal LAING CRES PORT HILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES MAUGER DR END OF CUL DE SAC 298 HEATHCOTE Chip Seal MAUNSELL ST 114m from GARLANDS RD Intersection TANNER ST 314 HEATHCOTE MONCKS SPUR RD 1 CAVE TO Chip Seal GLENSTRAE HORIZON HEIGHTS MANDALAY +80 #103 342 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE MENZIES HEAD 218 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE HEAD HEBERDEN 134 HEATHCOTE Chip Seal ROGERS ST HUME HUME HUMLEY 304 HEATHCOTE	Chip Seal	HEBERDEN AVE 1 NORTH NAYLAND ST	ESPLANADE	#9	82	HEATHCOTE	
Chip Seal KING EDWARD TCE KING EWARD TCE BAMFORD ST 315 LINWOOD  Chip Seal LAING CRES PORT HILLS RD MAUGER DR 257 HEATHCOTE  Chip Seal LAING CRES MAUGER DR END OF CUL DE SAC 298 HEATHCOTE  Chip Seal MAUNSELL ST 114m from GARLANDS RD Intersection TANNER ST 314 HEATHCOTE  MONCKS SPUR RD 1 CAVE TO  Chip Seal GLENSTRAE HORIZON HEIGHTS MANDALAY +80 #103 342 HEATHCOTE  Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE MENZIES HEAD 218 HEATHCOTE  Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE HEAD HEBERDEN 134 HEATHCOTE  Chip Seal ROGERS ST HUME HUME HUXLEY 304 HEATHCOTE	Chip Seal	HEBERDEN AVE 1 NORTH NAYLAND ST	#9	NAYLAND ST	32	HEATHCOTE	
Chip Seal LAING CRES PORT HILLS RD MAUGER DR 257 HEATHCOTE Chip Seal LAING CRES MAUGER DR END OF CUL DE SAC 298 HEATHCOTE Chip Seal MAUNSELL ST 114m from GARLANDS RD Intersection TANNER ST 314 HEATHCOTE MONCKS SPUR RD 1 CAVE TO Chip Seal GLENSTRAE HORIZON HEIGHTS MANDALAY +80 #103 342 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE MENZIES HEAD 218 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE HEAD HEBERDEN 134 HEATHCOTE Chip Seal ROGERS ST HUME HUME HUXLEY 304 HEATHCOTE	Chip Seal	KING EDWARD TCE	RUTHERFORD ST	KING EDWARD TCE	166	LINWOOD	
Chip Seal LAING CRES MAUGER DR END OF CUL DE SAC 298 HEATHCOTE Chip Seal MAUNSELL ST 114m from GARLANDS RD Intersection TANNER ST 314 HEATHCOTE MONCKS SPUR RD 1 CAVE TO Chip Seal GLENSTRAE HORIZON HEIGHTS MANDALAY +80 #103 342 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE MENZIES HEAD 218 HEATHCOTE Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE HEAD HEBERDEN 134 HEATHCOTE Chip Seal ROGERS ST HUME HUME HUXLEY 304 HEATHCOTE	Chip Seal	KING EDWARD TCE	KING EWARD TCE	BAMFORD ST	315	LINWOOD	
Chip Seal MAUNSELL ST 114m from GARLANDS RD Intersection TANNER ST 314 HEATHCOTE MONCKS SPUR RD 1 CAVE TO  Chip Seal GLENSTRAE HORIZON HEIGHTS MANDALAY +80 #103 342 HEATHCOTE  Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE MENZIES HEAD 218 HEATHCOTE  Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE HEAD HEBERDEN 134 HEATHCOTE  Chip Seal ROGERS ST HUME HUXLEY 304 HEATHCOTE	Chip Seal	LAING CRES	PORT HILLS RD	MAUGER DR	257	HEATHCOTE	
MONCKS SPUR RD 1 CAVE TO  Chip Seal GLENSTRAE HORIZON HEIGHTS MANDALAY +80 #103 342 HEATHCOTE  Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE MENZIES HEAD 218 HEATHCOTE  Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE HEAD HEBERDEN 134 HEATHCOTE  Chip Seal ROGERS ST HUME HUXLEY 304 HEATHCOTE	Chip Seal	LAING CRES	MAUGER DR	END OF CUL DE SAC	298	HEATHCOTE	
Chip SealNAYLAND ST 2 EAST WAKEFIELD AVEMENZIESHEAD218HEATHCOTEChip SealNAYLAND ST 2 EAST WAKEFIELD AVEHEADHEBERDEN134HEATHCOTEChip SealROGERS STHUMEHUXLEY304HEATHCOTE	Chip Seal		114m from GARLANDS RD Intersection	TANNER ST	314	HEATHCOTE	
Chip Seal NAYLAND ST 2 EAST WAKEFIELD AVE HEAD HEBERDEN 134 HEATHCOTE Chip Seal ROGERS ST HUME HUXLEY 304 HEATHCOTE	Chip Seal		HORIZON HEIGHTS	MANDALAY +80 #103	342	HEATHCOTE	
Chip Seal ROGERS ST HUME HUXLEY 304 HEATHCOTE	Chip Seal	NAYLAND ST 2 EAST WAKEFIELD AVE	MENZIES	HEAD	218	HEATHCOTE	
	Chip Seal	NAYLAND ST 2 EAST WAKEFIELD AVE	HEAD	HEBERDEN	134	HEATHCOTE	
Chip Seal SCARBOROUGH RD BEND BY #2 BEND BY #60 586 HEATHCOTE	Chip Seal	ROGERS ST	HUME	HUXLEY	304	HEATHCOTE	
	Chip Seal	SCARBOROUGH RD	BEND BY #2	BEND BY #60	586	HEATHCOTE	



Chip Seal	SCARBOROUGH RD	RAMP by #78	TAYLORS MISTAKE RD	590	HEATHCOTE	
Chip Seal	SUMMIT RD	EVANS PASS RD	695m PAST SUMMIT RD CARPARK	3310	HEATHCOTE	
Chip Seal	BUCKNELL ST	YALDHURST RD	CHEYENNE ST	476	RICCARTON	
Chip Seal	CHATTERTONS RD	WEST COAST RD	LANGDALES RD	977	HORNBY	
Chip Seal	GOULDING AVE	SHANDS ROAD	#4	25	HORNBY	
Chip Seal	GOULDING AVE	#4	MAIN SOUTH RD	40	HORNBY	
Chip Seal	ROBERTS RD	34m FROM GILBERTHORPES RD INT.	POUND RD	1723	HORNBY	
Chip Seal	BARBADOES ST 1 NORTH BEALEY AVE	WARRINGTON ST	EDWARD AVE	290	INNES	
Chip Seal	BELFAST RD	EAST OF RAIL CROSSING	SEVEN MILE DRV	129	HAREWOOD	
Chip Seal	CLEVELAND ST 2 NORTH EDWARD AVE	EDWARD AVE	WARRINGTON ST	318	INNES	
Chip Seal	DEE ST	MERSEY ST	THAMES ST	219	INNES	
Chip Seal	FACTORY RD	MAIN NORTH RD	CLELAND ST	158	HAREWOOD	
Chip Seal	HAMMERSLEY AVE	QUINNS RD	SABINA ST	244	INNES	
Chip Seal	HERCULES ST	SABINA ST	MARSHLAND RD	142	INNES	
Chip Seal	INNES RD	PHILPOTTS	MANUKA ST	486	INNES	
Chip Seal	INNES RD	HILLS RD	BRIGGS RD	192	INNES	
Chip Seal	INNES RD	BRIGGS RD	QEII DRV	502	INNES	
Chip Seal	KAINGA RD	KAIANGA FOREST	HARBOUR RD	846	COASTAL	
Chip Seal	KENSINGTON AVE	WESTMINSTER ST	INNES RD	485	INNES	
Chip Seal	LINDSAY ST	EDGEWARE	CORNWALL	129	INNES	
Chip Seal	MANCHESTER ST 2 NORTH BEALEY AVE	EDGEWARE	CANON	227	INNES	
Chip Seal	MARSHLAND RD 1 SOUTH Q E II DRV	PALM GROVE ENT.	MARSHLAND SHOPS EXIT	87	BURWOOD	
Chip Seal	MARSHLAND RD 1 SOUTH Q E II DRV	MARSHLAND SHOPS EXIT	COTTON ST	390	BURWOOD	
Chip Seal	MAYFIELD AVE	FORFAR	WESTMINSTER	418	INNES	
Chip Seal	MERSEY ST 1 SOUTH WESTMINSTER ST	BERWICK ST	WESTMINSTER ST	334	INNES	
Chip Seal	MERSEY ST 2 NORTH WESTMINSTER ST	WESTMINSTER ST	DEE	165	INNES	
Chip Seal	MERSEY ST 2 NORTH WESTMINSTER ST	DEE	MALVERN	186	INNES	
Chip Seal	PETRIE ST	WARDEN	SHIRLEY	234	CENTRAL	
Chip Seal	PHILPOTTS RD	KELLYS RD RAB	20m PAST GLENFIELD CRES	162	INNES	
Chip Seal	RANFURLY ST 1 WEST SPRINGFIELD RD	BRISTOL	SPRINGFIELD	399	INNES	
Chip Seal	SABINA ST	HOPEST	HERCULES ST	302	INNES	
Chip Seal	WINTERS RD 2 EAST FRASER ST	GRIMSEYS RD	NEW M.WAY UNDERPASS	165	PAPANUI	
Chip Seal	WOODVILLE ST	EDWARD AVE	WARRINGTON ST	314	INNES	
Chip Seal	CUFFS RD 1	ONTARIO PL	PAGES RD	357	LINWOOD	
Chip Seal	CUMNORTCE	RADLEY ST	LAURA KENT PL	151	LINWOOD	
Chip Seal	CUMNORTCE	LAURA KENT PL	SHELDON ST	232	LINWOOD	
Chip Seal	CUTHBERTS RD	NUGENT ST	BREEZES RD	186	LINWOOD	
Chip Seal	DUNARNAN ST	NGARIMU ST	HOLLAND ST	228	LINWOOD	
Chip Seal	FRANCELLA ST	DYERS RD	#34	252	LINWOOD	
Chip Seal	FRANCELLA ST	#34	WICKHAM ST	721	LINWOOD	
Chip Seal	HAYST	MCGREGORS RD	#122	357	LINWOOD	
Chip Seat	HAYST	KUAKA CRES	RURU RD	122	LINWOOD	
Chip Seal	KORORA ST	KEIGHLEYS RD	HAYST	340	LINWOOD	
Chip Seal	KUAKA CRES	TARANUI PL	HAYST	167	LINWOOD	
Chip Seat	LEEDS ST	PHILLIPS ST	GYM CAR PARK	154	CENTRAL	
Chip Seat	LISMORE ST	WILSONS	BARBOUR	107	CENTRAL	
Chip Seat	MARSHALL ST	CLARENDON	RADLEY	300	LINWOOD	
Chip Seat	MARSHALL ST	RADLEY ST	CUMNORTCE	302	LINWOOD	
Chip Seat	MCGREGORS RD 2 HAY ST TO RURU RD	HAY ST	RURU RD	302	LINWOOD	
Chip Seat	MOGNEGONS ND 2 HAT ST TO KUKU KD	והואו	חטחט חט	31/	LINVVOOD	



	MCGREGORS RD 3 RURU RD TO PAGES					
Chip Seal	RD	RURU	ERIC ADAM	240	LINWOOD	
Chip Seal	NICHOLAS DRV 1	NICHOLAS	KEARNEYS	184	LINWOOD	
Chip Seal	PATEKE PL	KORORA	START OF TURNING CIRCLE	165	LINWOOD	
Chip Seal	RHONA ST	BUCKLEYS	END OF CUL DE SAC	180	LINWOOD	
Chip Seal	RUDDS RD	MCGREGORS RD	50m PAST MCGREGORS RD INT.	50	LINWOOD	
Chip Seal	RUDDS RD	50m PAST MCGREGORS RD INT.	COULTER ST SLIP LANE	71	LINWOOD	
Chip Seal	RUDDS RD	COULTER ST SLIP LANE	71m BEFORE GRIFFITHS AVE	112	LINWOOD	
Chip Seal	RUDDS RD	71m BEFORE GRIFFITHS AVE	CYPRESS ST	181	LINWOOD	
Chip Seal	RURU RD 1 WEST MACES RD	MCGREGORS	CYPRESS	187	LINWOOD	
Chip Seal	RURU RD 1 WEST MACES RD	CYPRESS	НАҮ	249	LINWOOD	
Chip Seal	ST ASAPH ST 1 EAST FITZGERALD AVE	SECOND RSP	MATHESONS RD	75	CENTRAL	
Chip Seal	SULLIVAN AVE	ENSORS RD	KESWICK ST	609	LINWOOD	
Chip Seal	TAKAPU PL	KORORA ST	START OF TURNING HEAD	94	LINWOOD	
Chip Seal	TARANUI PL	KAUKA CRES	START OF TURNING HEAD	183	LINWOOD	
Chip Seal	CONDELL AVE	FLOWER ST	GREERS RD	246	PAPANUI	
Chip Seal	EALING ST	PADDINGTON ST	CAMDEN ST	247	PAPANUI	
Chip Seal	HARRIS CRES 1	MORELAND AVE	HAREWOOD RD	114	PAPANUI	
Chip Seal	STRACK PL	JENKINS AVE	CUL-DE-SAC	89	PAPANUI	
Chip Seal	STURROCKS RD	MAIN NORTH RD	SAUNDERS PL	150	PAPANUI	
Chip Seal	STURROCKS RD	SAUNDERS	RAILWAY	308	PAPANUI	
Chip Seal	STURROCKS RD	RAIL XING	37m BEFORE CAVENDISH	323	PAPANUI	
Chip Seal	WINTERS RD 2 EAST FRASER ST	SARABANDE AVE	GRIMSEYS RD	155	PAPANUI	
Chip Seal	EUSTON ST	PEVEREL ST	RICCARTON RD	336	RICCARTON	
Chip Seal	FIELD TCE	MIDDLETON RD	RICCARTON RD	239	RICCARTON	
Chip Seal	KONINI ST	RICCARTON RD	TOTARA ST	150	RICCARTON	
Chip Seal	PEVEREL ST	MATIPO ST	WAINUI ST	199	RICCARTON	
Chip Seal	PURIRI ST	TOTARA ST	HINAU ST	157	FENDALTON	
Chip Seal	ROUNTREE ST	ILAM RD	WAIMAIRI RD	463	RICCARTON	
Chip Seal	SUVA ST	CURLETTS RD	HANSONS LN	488	RICCARTON	
Chip Seal	TITOKI ST	KAHU RD	RIMU ST	109	RICCARTON	
Chip Seal	ATHELSTAN ST	BARRINGTON ST	SIMEON ST	261	SPREYDON	
Chip Seal	BAYLEY PL	NEVILLE ST	BEFORE CUL DE SAC	83	SPREYDON	
Chip Seal	GREENPARK ST	CYCLEWAY	MUIRSON AVE	286	SPREYDON	
Chip Seal	GREENPARK ST	MUIRISON AVE	MCBEATH AVE	423	SPREYDON	
Chip Seal	MCBEATH AVE	MUIRSON	GREENPARK	174	SPREYDON	
Chip Seal	MCBEATH AVE	GREENSPARK	MUIRSON	284	SPREYDON	
Chip Seal	SIMEON ST	ROKER ST	CORONATION STREET	790	SPREYDON	
Chip Seal	GREERS RD 1 SOUTH GRAHAMS RD	MEMORIAL AVE	JELLY PARK	367	FENDALTON	
Chip Seal	HAWTHORNDEN RD	MERRIN ST	BELLINGHAM PL	187	WAIMAIRI	
Chip Seal	ROYDVALE AVE 1 SOUTH MEMORIAL AVE	22M PAST AVONHEAD RD INT.	34m BREFORE MEMORIAL AVE	278	WAIMAIRI	
Chip Seal	WENTWORTH ST	WAIMAIRI RD	HOUNSLOW ST	294	WAIMAIRI	
	Chip Seal - FY25 Total			132,042		
	Giiip Seat - F125 IUtat			132,042		-



# Second Coat Seal - FY25

				Length						
Seal Type	Road	Start Name	End Name	(m)	Ward	FY25	FY26	FY27	FY28-30	FY31-34
Second Coat Seal	BARCLAY PL	BAMPTON ST	END OF CUL DE SAC	180	BURWOOD					
Second Coat Seal	FARNBOROUGH ST	PAGES RD	BRIGHTON ST	207	BURWOOD					
Second Coat Seal	FARNBOROUGH ST	BRIGHTON ST	WINCHFIELD ST	105	BURWOOD					
Second Coat Seal	LAKE TERRACE RD 2 WEST BURWOOD RD			81	BURWOOD					
Second Coat Seal	MAIREHAU RD		TRAVIS WALK ENTRANCE	81	BURWOOD					
Second Coat Seal	MAIREHAU RD	TRAVIS WALK ENTRANCE	33m before Putake Dr	125	BURWOOD					
Second Coat Seal	MAIREHAU RD	33m before Putake Dr	PUTAKE DR	35	BURWOOD					
Second Coat Seal	MAIREHAU RD	PUTAKE DR	Bus stop outside 380	180	BURWOOD					
Second Coat Seal	REGINALD ST	VIVIAN ST	100m BEFORE VIVIAN ST	158	BURWOOD					
Second Coat Seal	ROUND HILL RISE	MCVICOR DR	END OF CUL DE SAC	314	CASHMERE					
Second Coat Seal	MONTREAL ST 1 TO MOORHOUSE AVE	#118	#130	53	HEATHCOTE					
Second Coat Seal	BOWER AVE	FLORANCE PL	QUEENPARK DRV	181	COASTAL					
Second Coat Seal	BOWER AVE	# 550	BROADHAVEN AVE RAB	20	COASTAL					
Second Coat Seal	MAIREHAU RD	ROYAL PARK DR		71	COASTAL					
Second Coat Seal	MALTA CRES	PINE NTH	PINE STH	20	COASTAL					
Second Coat Seal	PACIFIC RD	54m PAST RAE LN	55m BEFORE MARRIOTS RD	151	COASTAL					
Second Coat Seal	TRAVIS RD 4 EAST ANZAC DRV / FROSTS	ANZAC DRIVE RAB	ATLANTIS ST	51	COASTAL					
Second Coat Seal	GROYNES DRV	JOHNS RD	EMINENCE DRV	110	HAREWOOD					
Second Coat Seal	GROYNES DRV	EMINENCE DRV	ROUNDABOUT	204	HAREWOOD					
Second Coat Seal	DELTA WAY	TI RAKAU DRV	SHEARWATER DRV	225	HEATHCOTE					
Second Coat Seal	GLENDEVERE TCE	#19	END OF CUL DE SAC	113	HEATHCOTE					
Second Coat Seal	MCCORMACKS BAY RD	Kidsfirst Kindy	#50	250	HEATHCOTE					
Second Coat Seal	MCCORMACKS BAY RD	#52	#94	343	HEATHCOTE					
Second Coat Seal	ALLARD ST	#13	EDWARD AVE	166	INNES					
Second Coat Seal	HAMMERSLEY AVE	SABINA ST	MARSHLAND RD	105	INNES					
Second Coat Seal	MARSHLAND RD 1 SOUTH Q E II DRV	33m passed JOY ST	PALM GROVE ENT.	116	BURWOOD					
Second Coat Seal	STAPLETONS RD	RANDALL ST	DUDLEY ST	80	CENTRAL					
Second Coat Seal	WARDEN ST	PAST CARGILL PL	SHIRLEY RD	190	CENTRAL					
Second Coat Seal	WINTERS RD 3 EAST CNC	NEW M.WAY UNDERPASS	WINTERS RD EAST	127	PAPANUI					
Second Coat Seal	BREEZES RD	OPP BEXLEY PARK ACCESSWAY	OPP BEXLEY PARK ACCESSWAY	90	LINWOOD					
Second Coat Seal	GRIFFITHS AVE	NICHOLAS DRV	RUDDS RD	257	LINWOOD					
Second Coat Seal	HAYST	#122	KUAKA CRES	84	LINWOOD					
Second Coat Seal	LEEDS ST	GYM CAR PARK	FITZGERALD AVE	160	CENTRAL					
Second Coat Seal	OBAN PL	HARGOOD	START OF TURNING CIRCLE	68	LINWOOD					
Second Coat Seal	ST JOHNS ST	GLENROY ST	ST LUKES ST	236	LINWOOD					
Second Coat Seal	STACEY PL	ST JOHNS ST	START OF TURNING HEAD	117	LINWOOD					
Second Coat Seal	THISTLEDOWN PL	HARGOOD ST	START OF TURNING HEAD	181	LINWOOD					
	Second Coat Seal - FY25 Total			5,235		-	-	-	-	-



# Chip and AC - FY25

				Length						
Seal Type	Road	Start Name	End Name	(m)	Ward	FY25	FY26	FY27	FY28-30	FY31-34
Chip and AC	JACKSONS ROAD	CORNWALL RD	KEEBLES LN	208	BANKS PENINSULA					
Chip and AC	ALFRED ST	FITZGERALD AVE 1 WEST	END OF CUL DE SAC	150	CENTRAL					
Chip and AC	HANOVER PL	TUDOR AVE	END OF CUL DE SAC	116	FENDALTON					
Chip and AC	SEARELLS RD	NORMANS	CUL-DE-SAC	352	FENDALTON					
Chip and AC	SHEPPARD PL	TRAFALGAR ST	CUL-DE-SAC	124	INNES					
Chip and AC	TRACY PL	CUNLIFFE RD	CUL-DE-SAC	66	PAPANUI					
Chip and AC	BRACKENDALE PL	HALLOW PL	END OF CUL DE SAC	200	WAIMAIRI					
	Chip and AC - FY25 Total			1,216		-	-	-	-	-
	Chip Seal, Second Coat Seal & Chip and AC - FY25 Total					-	-	-	-	-



Chip Seal - FY2

Chip Seal – FY26	6									
				Length						
Seal Type	Road	Start Name	End Name	(m)	Ward	FY25	FY26	FY27	FY28-30	FY31-34
	Chip Seal, Second Coat Seal & Chip			, ,			15,000,056			
Chip Seal	ARMSTRONG CRESCENT	MUTER ST	END OF CUL DE SAC	139	BANKS PENINSULA					
Chip Seal	BRIDLE PATH	LONDON ST	HAWKHURST RD	54	BANKS PENINSULA					
Chip Seal	BRIDLE PATH	HAWKHURST RD	TICEHURST RD	123	BANKS PENINSULA					
Chip Seal	BRIDLE PATH	DUDLEY RD	TICEHURST TCE	184	BANKS PENINSULA					
Chip Seal	CANTERBURY STREET	# 71 CANTERBURY STREET	# 75 CANTERBURY STREET	103	BANKS PENINSULA					
Chip Seal	CORNWALL ROAD	SOMES RD	# 51 CORNWALL RD	117	BANKS PENINSULA					
Chip Seal	CRESSY TERRACE	VOELAS RD	PAGES RD	373	BANKS PENINSULA					
Chip Seal	CRESSY TERRACE	PAGES RD	PARK TCE	885	BANKS PENINSULA					
Chip Seal	DAYS ROAD	BRENCHLEY RD	CANTERBURY ST	437	BANKS PENINSULA					
Chip Seal	DUBLIN STREET	SH74	EXETER ST	299	BANKS PENINSULA					
Chip Seal	EXETER STREET	CANTERBURY ST	OXFORD ST	183	BANKS PENINSULA					
Chip Seal	HARMANS ROAD	BRIDLE PATH	VOELAS RD	726	BANKS PENINSULA					
Chip Seal	LITTLE AKALOA ROAD	TWINS BRIDGES AT MISTY HILLS	ONE WAY BRIDGE	2098	BANKS PENINSULA					
Chip Seal	LONDON STREET	CANTERBURY ST	DUBLIN ST	157	BANKS PENINSULA					
Chip Seal	LONDON STREET	DUBLIN ST	# 83 LONDON ST	25	BANKS PENINSULA					
Chip Seal	OXFORD STREET	WINCHESTER ST	EXETER ST	131	BANKS PENINSULA					
Chip Seal	OXFORD STREET	EXETER ST	RIPON ST	118	BANKS PENINSULA					
Chip Seal	PAWSONS VALLEY ROAD	SH 75 (BEACH)	# 77 PAWSONS VALLEY RD	855	BANKS PENINSULA					
Chip Seal	ROSS TERRACE	SELWYN LN	ROSS PDE	266	BANKS PENINSULA					
Chip Seal	ROSS TERRACE	ROSS PDE	SOMES RD	174	BANKS PENINSULA					
Chip Seal	SIMEON QUAY	CUNNINGHAM TCE	VOELAS RD	42	BANKS PENINSULA					
Chip Seal	SMITH STREET	BEACH RD	MUTER ST	332	BANKS PENINSULA					
Chip Seal	SOMES ROAD	CORNWALL RD	DAYS RD	77	BANKS PENINSULA					
Chip Seal	AJAX ST	ACHILLES ST	NEW BRIGHTON RD	232	BURWOOD					
Chip Seal	ALPINE VIEW LANE	PRESTONS RD	JOHN MOREL PL	253	BURWOOD					
Chip Seal	CARTERS RD	BREEZES RD	SHORTLAND ST	340	BURWOOD					
Chip Seal	CHARTWELL ST	# 32 CHARTWELL ST	HELMSDALE ST	223	BURWOOD					
Chip Seal	CHARTWELL ST	HELMSDALE ST	END OF CUL DE SAC	218	BURWOOD					
Chip Seal	HAMPSHIRE ST	BREEZES RD	LYNHURST CRES	163	BURWOOD					
Chip Seal	ROWE PL	AJAX ST	END OF CUL DE SAC	83	BURWOOD					
Chip Seal	SOBERTON ST	CARRISBROOKE ST	EUREKA ST	301	BURWOOD					
Chip Seal	STAFFORDSHIRE ST	BURWOOD RD	CHARTWELL ST	235	BURWOOD					
Chip Seal	STRATHFIELD AVE	COOPERS RD	GAYHURST RD	357	BURWOOD					
Chip Seal	TE RAMA PL 1 S/E TAHUNA ST	HELANCA AVE	TAHUNA ST	266	BURWOOD					
Chip Seal	WAITIKIRI DRV 1 LANDFILL ACCESS	PRESTONS RD	LANDFILL RD	74	BURWOOD					
Chip Seal	BENGAL DRV	CASHMERE RD	END OF CUL DE SAC	622	CASHMERE					
Chip Seal	COOKE ST	SELWYN ST	MCCOMBS ST	173	CASHMERE					
Chip Seal	DALGARVEN PL	PORT HILLS RD	HUNTLYWOOD TCE	103	CASHMERE					
Chip Seal	HASSALS LANE	YORK ST INT	END OF CUL DE SAC	64	CASHMERE					
Chip Seal	KIDSON TCE	DYERS PASS	ARAHURA	452	CASHMERE					
Chin Cool	DENTRE TOE	DVEDC DACC DD	AT LH BEND AT END OF #7	157	CACHMEDE					
Chip Seal	PENTRE TCE	DYERS PASS RD	PROPERTY THACKEDAY DI	157	CASHMERE					
Chip Seal	WALPOLE ST	WILSONS RD NTH	THACKERAY PL	292	CASHMERE					



Chip Seal	YORK ST	# 21 YORK ST	HASSALS INT	20	CASHMERE	
Chip Seal	YORK ST	# 23 YORK ST	HASSALS INT	19	CASHMERE	
Chip Seal	BUCHAN ST	WORDSWORTH ST	WAVERLEY ST	182	CENTRAL	
Chip Seal	CAMBRIDGE TCE 5 WEST BARBADOES ST	PETERBOROUGH ST	END OF CUL DE SAC	86	CENTRAL	
Chip Seal	CLARKSON AVE	CASHEL ST	LICHFIELD ST	121	CENTRAL	
Chip Seal	DISRAELIST	BRANDON ST	ANTIGUA ST	144	CENTRAL	
Chip Seal	HAVELOCK ST	MARLBOROUGH ST	CASHEL ST	198	CENTRAL	
Chip Seal	HOLLY RD 1 WEST SPRINGFIELD RD	BRISTOL ST	# 62 HOLLY RD	64	CENTRAL	
Chip Seal	HOLLY RD 1 WEST SPRINGFIELD RD	# 62 HOLLY RD	SPRINGFIELD RD	273	CENTRAL	
Chip Seal	KEOGHS LANE	CALEDONIAN RD	END	111	CENTRAL	
Chip Seal	MANCHESTER ST 2 NORTH BEALEY AVE	BEALEY AVE (NTH)	PURCHAS ST	246	CENTRAL	
Chip Seal	ONSLOW ST	DERBY ST	CLARE RD	173	CENTRAL	
Chip Seal	ONSLOW ST	CLARE RD	HOLLY RD	191	CENTRAL	
Chip Seal	PACKE ST	PURCHAS ST	BEALEY AVE	222	CENTRAL	
Chip Seal	PETERBOROUGH ST 2 EAST VICTORIA ST	MANCHESTER ST	# 183 PETERBOROUGH ST	116	CENTRAL	
Chip Seal	PETERBOROUGH ST 2 EAST VICTORIA ST	# 183 PETERBOROUGH ST	MADRAS ST	121	CENTRAL	
Chip Seal	SURREY ST	TANCRED ST	GLOUCESTER ST	191	CENTRAL	
Chip Seal	TANCRED ST 1 WEST LINWOOD AVE	WORCESTOR ST	LINWOOD AVE	326	CENTRAL	
Chip Seal	TRENT ST	AVONSIDE DR	ARMAGH ST	356	CENTRAL	
Chip Seal	WALLERTCE	WALLER TCE	SELWYN ST	321	CENTRAL	
Chip Seal	WILLIAMS ST	FERRY RD	COVENTRY ST	113	CENTRAL	
Chip Seal	WOODHOUSE ST	TANCRED ST	GLOUCESTER ST	191	CENTRAL	
Chip Seal	ASTON DRV	LARNACH ST	COCKLELN	215	COASTAL	
Chip Seal	ASTON DRV	COCKLE LN	NEPTUNE PL	186	COASTAL	
Chip Seal	COLLINGWOOD ST	UNION ST	HARDY ST	195	COASTAL	
Chip Seal	COLLINGWOODST	HARDYST	OWLES TCE	124	COASTAL	
Chip Seal	INGRID ST	ASHWOOD ST	RADIATA AVE	279	COASTAL	
Chip Seal	PACIFIC RD	BRITANNIA ST	RAE LN	490	COASTAL	
Chip Seal	PHILOMEL ST	BOWER AVE	PEGASUS AVE	231	COASTAL	
Chip Seal	QUEENSPARK DRV	RADIATA AVE	BROADHAVEN AVE	607	COASTAL	
Chip Seal	ROYAL PARK DRV	MAIREHAU RD	QUEENSPARK DRV	1450	COASTAL	
Chip Seal	TONKS ST	CYGNET ST	LEAVER TCE	178	COASTAL	
Chip Seal	TONKS ST	LEAVER TCE	BOWHILL RD	121	COASTAL	
Chip Seal	UNION ST	# 67 UNION ST	ADMIRALS WAY	414	COASTAL	
Chip Seal	AKELA ST	OFFICE RD	COXST	63	FENDALTON	
Chip Seal	ANDOVER ST	HEWITTS RD	WINCHESTER ST	231	FENDALTON	
Chip Seal	BRACO PL	WESTBURN TCE	END OF CUL DE SAC	129	FENDALTON	
Chip Seal	CHEPSTOW AVE	JEFFREYS RD	VERRAN PL	122	FENDALTON	
Chip Seal	CHEPSTOW AVE	VERRAN PL	END OF CUL DE SAC	233	FENDALTON	
Chip Seal	DEVONPORT LANE	ST ALBANS ST	BEVERLEY ST	233	FENDALTON	
Chip Seal	GLENEAGLES TCE	MEMORIAL AVE	WOODFORD TCE	269	FENDALTON	
Chip Seal	GLENEAGLES TCE	WOODFORD TCE	END OF CUL DE SAC	118	FENDALTON	
Chip Seal	HALTON ST 1 WEST WATFORD ST	WATFORD ST	HARTLEY AVE	357	FENDALTON	
Chip Seal	LANSBURY AVE	HAWTHORNE ST	BEGINNING OF CUL DE SAC	199	FENDALTON	
Chip Seal	LLOYD ST	STROWAN RD	END OF ROAD	132	FENDALTON	
Chip Seal	MCDOUGALL AVE	PAPANUI RD	MURRAY PL	144	FENDALTON	
Chip Seal	MURRAY PL	PAPANUI RD	MCDOUGALL AVE	276	FENDALTON	
Chip Seal	OTARA ST	HAMILTON AVE	MEMORIAL AVE	194	FENDALTON	
Chip Seal	PLYNLIMON RD	GARREG RD	LADBROKES PL	249	FENDALTON	
Jinp ocat	LINERIONIE	O, II II LO TID	ENDONOREOT E	240	ILINDALION	



Chip Seal	PLYNLIMON RD	LADBROKES PL	IDRIS RD	128	FENDALTON	
Chip Seal	SOMME ST	HAWKESBURY AVE	ST ALBANS ST	383	FENDALTON	
Chip Seal	ST ALBANS ST	PAPANUI RD	BRISTOL ST	295	FENDALTON	
Chip Seal	ST ANDREWS SQ 1	# 35 ST ANDREWS SQ 1	NORMANS RD	409	FENDALTON	
Chip Seal	WALNUT AVE	HAWTHORNE ST	END OF CUL DE SAC	181	FENDALTON	
Chip Seal	WEKA ST	STRAVEN RD	KOTARE ST	617	FENDALTON	
Chip Seal	WINCHESTER ST	ANDOVER ST	MERIVALE LN	276	FENDALTON	
Chip Seal	BALCAIRN ST	ENSIGN ST	REVELL ST	372	HALSWELL	
Chip Seal	CASHMERE RD 2 WEST HENDERSONS RD	# 292 CASHMERE RD	# 404 CASHMERE RD	143	HALSWELL	
Chip Seal	CORGWYN AVE	CASHMERE RD	END OF CUL DE SAC	124	HALSWELL	
Chip Seal	ENSIGN ST	LILLIAN ST	BALCAIRN ST	188	HALSWELL	
Chip Seal	ENSIGN ST	BALCAIRN ST	DUNBARS RD	451	HALSWELL	
Chip Seal	FERN DRV	WALES ST	SANTA ROSA AVE	473	HALSWELL	
Chip Seal	HAPPY HOME RD	CASHMERE ROAD	# 26 HAPPY HOME RD	311	HALSWELL	
Chip Seal	HAPPY HOME RD	# 26 HAPPY HOME RD	END OF CUL DE SAC	239	HALSWELL	
Chip Seal	KENNEDYS BUSH RD 1	CASHMERE RD/COMER ST	END OF PAINTED MEDIUM	117	HALSWELL	
Chip Seal	LILLIAN ST	HALSWELL RD	ENSIGN ST	123	HALSWELL	
Chip Seal	MUIR AVE 1 SOUTH O'HALLORIN DRV	O'HALLORAN DR	END OF CUL DE SAC	175	HALSWELL	
Chip Seal	MUIR AVE 2 NORTH O'HALLORIN DRV	O'HALLORAN DR	END OF CUL DE SAC	523	HALSWELL	
Chip Seal	MURPHYS RD	HALSWELL JUNCTION RD	SKIBBEREEN DR	444	HALSWELL	
Chip Seal	MURPHYS RD	SKIBBEREEN DR	# 66 MURPHYS RD	237	HALSWELL	
Chip Seal	MURPHYS RD	# 66 MURPHYS RD	QUAIFES RD	131	HALSWELL	
Chip Seal	NOTTINGHAM AVE	WALES ST	ARKWRIGHT PL	865	HALSWELL	
Chip Seal	O'HALLORAN DRV	HALSWELL RD	MUIR AVE	115	HALSWELL	
Chip Seal	O'HALLORAN DRV	MUIR AVE	SABYS RD	266	HALSWELL	
Chip Seal	RAVENSDALE RISE	PENRUDDOCK RISE	END OF CUL DE SAC	945	HALSWELL	
Chip Seal	CLARIDGES RD	TURRET PARK DR	WALTER CASE DR	135	HAREWOOD	
Chip Seal	CLARIDGES RD	WALTER CASE DR	GARDINERS RD	101	HAREWOOD	
Chip Seal	SAPPHIRE ST	HIGHSTED RD	# 29 SAPPHIRE ST	215	HAREWOOD	
Chip Seal	SAWYERS ARMS RD 2 N/W NORTHCOTE RD	WAIMAKARIRI RD	# 457 SAWYERS ARMS RD	352	HAREWOOD	
Chip Seal	AVOCA VALLEY RD	PORT HILLS RD	GILDERS GR	214	HEATHCOTE	
Chip Seal	AVOCA VALLEY RD	GLIDERS GR	#44	254	HEATHCOTE	
Chip Seal	AVOCA VALLEY RD	# 44 VOCA VALLEY RD	END OF CUL DE SAC	374	HEATHCOTE	
Chip Seal	BEACHVILLE RD	MAIN RD	# 8 BEACHVILLE RD	1013	HEATHCOTE	
Chip Seal	BRIDLE PATH RD 1	PORT HILLS RD	MARSDEN ST	386	HEATHCOTE	
Chip Seal	CLIFTON TCE	MAIN RD	CLIFTON BAY	130	HEATHCOTE	
Chip Seal	DEVON ST	STRICKLAND ST	FORBES ST	159	HEATHCOTE	
Chip Seal	DEVON ST	FORBES ST	COLOMBO ST	172	HEATHCOTE	
Chip Seal	DUNCAN ST 1 WEST ST LEONARDS SQ	WAKEFIELD AVE	CAMPBELL ST	174	HEATHCOTE	
Chip Seal	GLENDEVERE TCE	GLENSTRAE RD	# 26 GLENDEVERE TCE	238	HEATHCOTE	
Chip Seal	HASTINGS ST WEST 2 EAST BURLINGTON	BURLINGTON ST	END OF CUL DE SAC	136	HEATHCOTE	
Chip Seal	KING ST	# 18 KING ST	MONTROSE ST	363	HEATHCOTE	
Chip Seal	MAUNSELL ST	GARLANDS RD	# 11 MAUNSELL ST	117	HEATHCOTE	
Chip Seal	MCCORMACKS BAY RD	# 98 MCCORMACKS BAY RD	# 126 MCCORMACKS BAY RD	293	HEATHCOTE	
Chip Seal	MONCKS SPUR RD 1 CAVE TO GLENSTRAE	MONCKS SPUR RD	CAVE TCE	499	HEATHCOTE	
Chip Seal	MT PLEASANT RD	# 2 MT PLEASANT RD	SEAMOUNT TCE	336	HEATHCOTE	
Chip Seal	MT PLEASANT RD	# 149 MT PLEASANT RD	DRAYTON DR	521	HEATHCOTE	
Chip Seal	NAYLAND ST 1 WEST WAKEFIELD AVE	MAIN RD	RICHMOND HILL	218	HEATHCOTE	
Chip Seal	NAYLAND ST 1 WEST WAKEFIELD AVE	# 33 NAYLAND ST	WAKEFIELD AVE	91	HEATHCOTE	



Chip Seal	NAYLAND ST 2 EAST WAKEFIELD AVE	HARDWICKE ST	MENZIES ST	222	HEATHCOTE	
Chip Seal	RICHMOND HILL RD 1	RICHMOND HILL RD 1	RICHMOND HILL RD 1	100	HEATHCOTE	
Chip Seal	RICHMOND HILL RD 1	SANCRIT PL	# 169 RICHMOND HILL RD	271	HEATHCOTE	
Chip Seal	STATION RD OFF MARTINDALES RD	MARTINDALES RD	MARSDEN ST	165	HEATHCOTE	
Chip Seal	STATION RD OFF MARTINDALES RD	MARSDEN ST	SCHOOL ACCESS	84	HEATHCOTE	
Chip Seal	TRUSCOTTS RD 1 TO FERRYMEAD PK DRV	MARTINDALES RD	DEAVOLL PL	125	HEATHCOTE	
Chip Seal	TRUSCOTTS RD 1 TO FERRYMEAD PK DRV	DEAVOLL PL	# 61 TRUSCOTTS RD	339	HEATHCOTE	
Chip Seal	TRUSCOTTS RD 1 TO FERRYMEAD PK DRV	# 61 TRUSCOTTS RD	50 FERRYMEAD PARK DR	576	HEATHCOTE	
Chip Seal	CICADA PL	BUCHANANS RD	KINROSS ST	137	HORNBY	
Chip Seal	CICADA PL	KINROSS ST	END OF CUL DE SAC	201	HORNBY	
Chip Seal	GOULDING AVE	SHANDS ROAD	MAIN SOUTH RD	183	HORNBY	
Chip Seal	MATANGI ST	ROBERTS RD	END OF CUL DE SAC	253	HORNBY	
Chip Seal	SMARTS RD 2 OFF WATERLOO RD	WATERLOO RD	SMARTS RD	222	HORNBY	
Chip Seal	TAUIWI CRES	MANURERE NTH (#73)	MANURERE STH (#1)	575	HORNBY	
Chip Seal	BOYS PL	QUINNS RD 1	END OF CUL DE SAC	110	INNES	
Chip Seal	CANON ST	SHERBORNE ST	MANCHESTER ST	116	INNES	
Chip Seal	CARRICK ST	FLOCKTON ST	AYLESFORD ST	239	INNES	
Chip Seal	CHANCELLOR ST	JULIUS TCE	SHIRLEY RD	105	INNES	
Chip Seal	CORNWALL ST	CRANFORD ST	EDGEWARE RD	221	INNES	
Chip Seal	DEE ST	MERSEY ST	CRANFORD ST	123	INNES	
Chip Seal	DEE ST	CRANFORD ST	ROOSEVELT AVE	126	INNES	
Chip Seal	DONEGAL ST	MAIN NORTH RD	END OF ROAD	480	INNES	
Chip Seal	EDGEWARE RD	SHERBORNE ST	MANCHESTER ST	75	INNES	
Chip Seal	EDGEWARE RD	MADRAS ST	BARBADOES ST	212	INNES	
Chip Seal	ESPERANCE ST	MCFADDENS RD	FROME PL	220	INNES	
Chip Seal	LINDSAY ST	CORNWALL ST	WINTON ST	271	INNES	
Chip Seal	OLIVINE ST	BRIGGS RD	MCINTYRE ST	115	INNES	
Chip Seal	OLIVINE ST	MCINTYRE ST	VOSS ST	246	INNES	
Chip Seal	OXLEY AVE	CRANFORD ST	FORFAR ST	332	INNES	
Chip Seal	PASCOE AVE	WESTMINSTER ST	END OF CUL DE SAC	175	INNES	
Chip Seal	QUAIDS RD	PRESTONS RD	HAWKINS RD	827	INNES	
Chip Seal	QUINNS RD 1	VOSS ST	MCINTYRE ST	223	INNES	
Chip Seal	ROSLYN AVE	CROZIERS RD	GLENFIELD CRES	181	INNES	
Chip Seal	SKIPTON ST	ACHESON AVE	EMMETT ST	530	INNES	
Chip Seal	VOSS ST	QUINNS RD	# 17 VOSS ST	112	INNES	
Chip Seal	BARTON ST 1 CONNAL ST TO BAMFORD ST	BAMFORD ST	RUTHERFORD ST	208	LINWOOD	
Chip Seal	CHARLES ST	OSBORNE ST	END OF CUL DE SAC	165	LINWOOD	
Chip Seal	CLYDESDALE ST	ST JOHN ST	LOMOND PL	260	LINWOOD	
Chip Seal	CUFFS RD 1	WAINONI RD	PAGES RD	555	LINWOOD	
Chip Seal	GLENROY ST	ST JOHN ST	HARGOOD ST	516	LINWOOD	
Chip Seal	MACES RD	DYERS RD	BROMLEY RD	669	LINWOOD	
Chip Seal	MACES RD	BROMLEY RD	# 133 MACES RD	196	LINWOOD	
Chip Seal	MACES RD	# 133 MACES RD	WICKHAM ST	166	LINWOOD	
Chip Seal	MACES RD	WICKHAM ST	RURU RD (STH)	384	LINWOOD	
Chip Seal	MACKWORTH ST	MATLOCK ST	BONAR PL	698	LINWOOD	
Chip Seal	MARLBOROUGH ST	HAVELOCK ST	CLIVE ST	80	LINWOOD	
Chip Seal	MATLOCK ST	RANDOLPH ST	SMITH ST	362	LINWOOD	
Chip Seal	NORWICH ST	WORCESTER ST	BUCKLEYS RD	388	LINWOOD	
Chip Seal	PANNELL AVE	KERRS RD	WAINONIRD	478	LINWOOD	
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Chip Seal - FY26 Total



Chip Seal	WILDWOOD AVE	KERRS RD	PANNELL AVE	313	LINWOOD	
Chip Seal	DULLES PL	GRANTS RD	ERICA ST	89	PAPANUI	
Chip Seal	FREEBAIRN ST 1	PRESTONS RD	BEESTON PL	203	PAPANUI	
Chip Seal	GAMBIA ST	FRANK ST	WYNDHAM ST	95	PAPANUI	
Chip Seal	HALLIWELL AVE	MAIN NORTH RD	END OF CUL DE SAC	346	PAPANUI	
Chip Seal	MAIN NORTH RD 7 ACC FROM FARQUHARS	BRIDGE UNDERPASS	MAIN NTH RD (LOWRY AVE END)	97	PAPANUI	
Chip Seat	MAYS RD	BRETTS RD	MATHIAS ST	211	PAPANUI	
	MAYS RD	MATHIAS ST	RUTLAND ST	130	PAPANUI	
Chip Seal	MUNRO ST	DANIELS RD	DUNEDIN ST	130 174	PAPANUI	
Chip Seal			LOWRY AVE	90	PAPANUI	
Chip Seal	MURCHISON AVE	FARQUHARS RD				
Chip Seal	PERRY ST	PAPANUI RD	RAYBURN AVE	283	PAPANUI	
Chip Seal	RAYBURN AVE	PAPAROA ST	PERRY ST	105	PAPANUI	
Chip Seal	VAGUES RD	NYOLIST	# 146 VAGUES RD	268	PAPANUI	
Chip Seal	WINDERMERE RD	BLIGHS RD HUMP	MATSONS AVE	565	PAPANUI	
Chip Seal	LYNDON ST	PICTON AVE	DIVISION ST	457	RICCARTON	
Chip Seal	RUTHERGLEN AVE	DOVEDALE AVE	LYNFIELD AVE	328	RICCARTON	
Chip Seal	WHARENUI RD	RICCARTON RD	BLENHEIM RD	800	RICCARTON	
Chip Seal	CLARENCE ST 2 OFF LINCOLN RD	LEAMINGTON ST	LINCOLN RD	420	SPREYDON	
Chip Seal	COBHAM ST	LYTTELTON ST	CLENT LN	148	SPREYDON	
Chip Seal	DICKENS ST	LINCOLN RD	# 17 DICKENS ST	100	SPREYDON	
Chip Seal	DOMINION AVE 2 OFF DOMINION AVE "T"	STRICKLAND ST	DOMINION AVE	203	SPREYDON	
Chip Seal	FAIRVIEW ST	ROSE ST	ASHGROVE TCE	306	SPREYDON	
Chip Seal	GRETA PL	HOON HAY RD	END OF CUL DE SAC	129	SPREYDON	
Chip Seal	HILLIER PL	HOWARD ST	END OF CUL DE SAC	257	SPREYDON	
Chip Seal	KEVIN ST	DALKEITH ST	DOWNING ST	123	SPREYDON	
Chip Seal	KEVIN ST	DOWNING ST	CEDARS ST	173	SPREYDON	
Chip Seal	MACAULAY ST	SPENCER ST	BEFORE COLLIN ST AT ASPHALT	215	SPREYDON	
Chip Seal	MARION ST	GAINSBOROUGH ST	COPENHAGEN PL	216	SPREYDON	
Chip Seal	MARION ST	COPENHAGEN PL	SAMUEL ST	129	SPREYDON	
Chip Seal	MARYHILL AVE	HOON HAY RD	WYN ST	115	SPREYDON	
Chip Seal	MUIRSON AVE	HOON HAY RD	MCBEATH AVE	133	SPREYDON	
Chip Seal	MUIRSON AVE	MCBEATH AVE	GREENPARK ST	102	SPREYDON	
Chip Seal	NEWLAND ST	VICTORS RD	KEVIN ST	203	SPREYDON	
Chip Seal	O'LEARY ST	HERDMAN ST	REDGRAVE ST	295	SPREYDON	
Chip Seal	ROSEBERY ST	SIMEON ST	SELWYN ST	390	SPREYDON	
Chip Seal	ROWLEY AVE	HALSWELL RD	# 15 ROWLEY AVE	160	SPREYDON	
Chip Seal	SAMUEL ST	MARION ST	NEWLAND ST	260	SPREYDON	
Chip Seal	SMARTLEA ST	HOON HAY	END OF CUL DE SAC	251	SPREYDON	
Chip Seal	TANKERVILLE RD	MATHERS RD	HALSWELL RD	608	SPREYDON	
Chip Seal	WARREN CRES	HALSWELL RD	WEST-WATSON AVE	99	SPREYDON	
Chip Seal	WEST-WATSON AVE	WARREN CRES	WARREN CRES	544	SPREYDON	
Chip Seal	WYN ST	DOWNING ST	SAMUELST	246	SPREYDON	
Chip Seal	WYN ST	SAMUELST	MARYHILL AVE	242	SPREYDON	
Chip Seal	DERENZY PL	MAIDSTONE RD	END OF CUL DE SAC	95	WAIMAIRI	
Chip Seal	NORTONS RD	HARROWDALE DR	BEVINGTON ST	106	WAIMAIRI	
Chip Seal	SEVENOAKS DRV	GREERS RD	DERWENT ST	250	WAIMAIRI	
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## Second Coat Seal - FY26

				Length						
Seal Type	Road	Start Name	End Name	(m)	Ward	FY25	FY26	FY27	FY28-30	FY31-34
Second Coat Seal	MCVICARS RD	WORSLEYS RD	ROUND HILL RISE/RNBT	901	CASHMERE					
Second Coat Seal	GARDEN RD	WAIRARAPA TCE	GARDEN RD	10	FENDALTON					
Second Coat Seal	OKEOVER ST	MATLOCK ST	END OF CUL DE SAC	107	LINWOOD					
Second Coat Seal	MAGDALA PL2 ACCESS RD	NAZARETH PL	END OF ROAD	102	SPREYDON					
	Second Coat Seal - FY26 Total			1120		-	-	-	-	-

# Chip and AC - FY26

				Length						
Seal Type	Road	Start Name	End Name	(m)	Ward	FY25	FY26	FY27	FY28-30	FY31-34
Chip and AC	CUNLIFFE RD	MAIN NTH RD (SH74)	END OF CUL DE SAC	147	PAPANUI					
Chip and AC	DULLES PL	ERICA ST	END OF CUL DE SAC	64	PAPANUI					
	Chip and AC - FY26 Total			211		-	-	-	-	-
	Chip Seal, Second Coat Sea	l & Chip and AC - FY26 Total		64,772		-	-	-	-	-



				Longth						
Seal Type	Road	Start Name	End Name	Length (m)	Ward	FY25	FY26	FY27	FY28-30	FY31-34
	Chip Seal, Second Coat Seal & Chip and A	.C - FY26					15,000,056			
Chip Seal	AJAX ST	ACHILLES ST	NEW BRIGHTON RD	232	BURWOOD	Ī				
Chip Seal	AKELA ST	OFFICE RD	COX ST	63	FENDALTON			_		
Chip Seal	ALPINE VIEW LANE	PRESTONS RD	JOHN MOREL PL	253	BURWOOD					
Chip Seal	ANDOVER ST	HEWITTS RD	WINCHESTER ST	231	FENDALTON					
Chip Seal	ARMSTRONG CRESCENT	MUTER ST	END OF CUL DE SAC	139	BANKS PENINSULA					
Chip Seal	ASTON DRV	LARNACH ST	COCKLELN	215	COASTAL					
Chip Seal	ASTON DRV	COCKLE LN	NEPTUNE PL	186	COASTAL					
Chip Seal	AVOCA VALLEY RD	PORT HILLS RD	GILDERS GR	214	HEATHCOTE					
Chip Seal	AVOCA VALLEY RD	GLIDERS GR	#44	254	HEATHCOTE					
Chip Seal	AVOCA VALLEY RD	# 44 VOCA VALLEY RD	END OF CUL DE SAC	374	HEATHCOTE					
Chip Seal	BALCAIRN ST	ENSIGN ST	REVELL ST	372	HALSWELL					
Chip Seal	BARTON ST 1 CONNAL ST TO BAMFORD ST	BAMFORD ST	RUTHERFORD ST	208	LINWOOD					
Chip Seal	BEACHVILLE RD	MAIN RD	# 8 BEACHVILLE RD	1013	HEATHCOTE					
Chip Seal	BENGAL DRV	CASHMERE RD	END OF CUL DE SAC	622	CASHMERE					
Chip Seal	BOYS PL	QUINNS RD 1	END OF CUL DE SAC	110	INNES					
Chip Seal	BRACO PL	WESTBURN TCE	END OF CUL DE SAC	129	FENDALTON					
Chip Seal	BRIDLE PATH	LONDON ST	HAWKHURST RD	54	BANKS PENINSULA					
Chip Seal	BRIDLE PATH	HAWKHURST RD	TICEHURST RD	123	BANKS PENINSULA					
Chip Seal	BRIDLE PATH	DUDLEY RD	TICEHURSTTCE	184	BANKS PENINSULA					
Chip Seal	BRIDLE PATH RD 1	PORT HILLS RD	MARSDEN ST	386	HEATHCOTE					
Chip Seal	BUCHAN ST	WORDSWORTH ST	WAVERLEY ST	182	CENTRAL					
Chip Seal	CAMBRIDGE TCE 5 WEST BARBADOES ST	PETERBOROUGH ST	END OF CUL DE SAC	86	CENTRAL					
Chip Seal	CANON ST	SHERBORNE ST	MANCHESTER ST	116	INNES					
Chip Seal	CANTERBURY STREET	# 71 CANTERBURY STREET	# 75 CANTERBURY STREET	103	BANKS PENINSULA					
Chip Seal	CARRICK ST	FLOCKTON ST	AYLESFORD ST	239	INNES					
Chip Seal	CARTERS RD	BREEZES RD	SHORTLAND ST	340	BURWOOD					
Chip Seal	CASHMERE RD 2 WEST HENDERSONS RD	# 292 CASHMERE RD	# 404 CASHMERE RD	143	HALSWELL					
Chip Seal	CHANCELLOR ST	JULIUS TCE	SHIRLEY RD	105	INNES					
Chip Seal	CHARLES ST	OSBORNE ST	END OF CUL DE SAC	165	LINWOOD					
Chip Seal	CHARTWELL ST	# 32 CHARTWELL ST	HELMSDALE ST	223	BURWOOD					
Chip Seal	CHARTWELL ST	HELMSDALE ST	END OF CUL DE SAC	218	BURWOOD					
Chip Seal	CHEPSTOW AVE	JEFFREYS RD	VERRAN PL	122	FENDALTON					
Chip Seal	CHEPSTOW AVE	VERRAN PL	END OF CUL DE SAC	233	FENDALTON					
Chip Seal	CICADA PL	BUCHANANS RD	KINROSS ST	137	HORNBY					
Chip Seal	CICADA PL	KINROSS ST	END OF CUL DE SAC	201	HORNBY					
Chip Seal	CLARENCE ST 2 OFF LINCOLN RD	LEAMINGTON ST	LINCOLN RD	420	SPREYDON					
Chip Seal	CLARIDGES RD	TURRET PARK DR	WALTER CASE DR	135	HAREWOOD					
Chip Seal	CLARIDGES RD	WALTER CASE DR	GARDINERS RD	101	HAREWOOD					
Chip Seal	CLARKSON AVE	CASHEL ST	LICHFIELD ST	121	CENTRAL					
Chip Seal	CLIFTON TCE	MAIN RD	CLIFTON BAY	130	HEATHCOTE					
Chip Seal	CLYDESDALE ST	ST JOHN ST	LOMOND PL	260	LINWOOD					
Chip Seal	COBHAM ST	LYTTELTON ST	CLENT LN	148	SPREYDON					



Chip Seal	COLLINGWOOD ST	UNION ST	HARDY ST	195	COASTAL	
Chip Seal	COLLINGWOOD ST	HARDY ST	OWLES TCE	124	COASTAL	
Chip Seal	COOKE ST	SELWYN ST	MCCOMBS ST	173	CASHMERE	
Chip Seal	CORGWYN AVE	CASHMERE RD	END OF CUL DE SAC	124	HALSWELL	
Chip Seal	CORNWALL ROAD	SOMES RD	# 51 CORNWALL RD	117	BANKS PENINSULA	
Chip Seal	CORNWALL ST	CRANFORD ST	EDGEWARE RD	221	INNES	
Chip Seal	CRESSY TERRACE	VOELAS RD	PAGES RD	373	BANKS PENINSULA	
Chip Seal	CRESSY TERRACE	PAGES RD	PARK TCE	885	BANKS PENINSULA	
Chip Seal	CUFFS RD 1	WAINONI RD	PAGES RD	555	LINWOOD	
Chip Seal	DALGARVEN PL	PORT HILLS RD	HUNTLYWOOD TCE	103	CASHMERE	
Chip Seal	DAYS ROAD	BRENCHLEY RD	CANTERBURY ST	437	BANKS PENINSULA	
Chip Seal	DEE ST	MERSEY ST	CRANFORD ST	123	INNES	
Chip Seal	DEE ST	CRANFORD ST	ROOSEVELT AVE	126	INNES	
Chip Seal	DERENZY PL	MAIDSTONE RD	END OF CUL DE SAC	95	WAIMAIRI	
Chip Seal	DEVON ST	STRICKLAND ST	FORBES ST	159	HEATHCOTE	
Chip Seal	DEVON ST	FORBES ST	COLOMBO ST	172	HEATHCOTE	
Chip Seal	DEVONPORT LANE	ST ALBANS ST	BEVERLEY ST	233	FENDALTON	
Chip Seal	DICKENS ST	LINCOLN RD	# 17 DICKENS ST	100	SPREYDON	
Chip Seal	DISRAELI ST	BRANDON ST	ANTIGUA ST	144	CENTRAL	
Chip Seal	DOMINION AVE 2 OFF DOMINION AVE "T"	STRICKLAND ST	DOMINION AVE	203	SPREYDON	
Chip Seal	DONEGAL ST	MAIN NORTH RD	END OF ROAD	480	INNES	
Chip Seal	DUBLIN STREET	SH74	EXETER ST	299	BANKS PENINSULA	
Chip Seal	DULLES PL	GRANTS RD	ERICA ST	89	PAPANUI	
Chip Seal	DUNCAN ST 1 WEST ST LEONARDS SQ	WAKEFIELD AVE	CAMPBELL ST	174	HEATHCOTE	
Chip Seal	EDGEWARE RD	SHERBORNE ST	MANCHESTER ST	75	INNES	
Chip Seal	EDGEWARE RD	MADRAS ST	BARBADOES ST	212	INNES	
Chip Seal	ENSIGN ST	LILLIAN ST	BALCAIRN ST	188	HALSWELL	
Chip Seal	ENSIGN ST	BALCAIRN ST	DUNBARS RD	451	HALSWELL	
Chip Seal	ESPERANCE ST	MCFADDENS RD	FROME PL	220	INNES	
Chip Seal	EXETER STREET	CANTERBURY ST	OXFORD ST	183	BANKS PENINSULA	
Chip Seal	FAIRVIEW ST	ROSE ST	ASHGROVE TCE	306	SPREYDON	
Chip Seal	FERN DRV	WALES ST	SANTA ROSA AVE	473	HALSWELL	
Chip Seal	FREEBAIRN ST 1	PRESTONS RD	BEESTON PL	203	PAPANUI	
Chip Seal	GAMBIA ST	FRANK ST	WYNDHAM ST	95	PAPANUI	
Chip Seal	GLENDEVERE TCE	GLENSTRAE RD	# 26 GLENDEVERE TCE	238	HEATHCOTE	
Chip Seal	GLENEAGLESTCE	MEMORIAL AVE	WOODFORD TCE	269	FENDALTON	
Chip Seal	GLENEAGLESTCE	WOODFORD TCE	END OF CUL DE SAC	118	FENDALTON	
Chip Seal	GLENROY ST	ST JOHN ST	HARGOOD ST	516	LINWOOD	
Chip Seal	GOULDING AVE	SHANDS ROAD	MAIN SOUTH RD	183	HORNBY	
Chip Seal	GRETA PL	HOON HAY RD	END OF CUL DE SAC	129	SPREYDON	
Chip Seal	HALLIWELL AVE	MAIN NORTH RD	END OF CUL DE SAC	346	PAPANUI	
Chip Seal	HALTON ST 1 WEST WATFORD ST	WATFORD ST	HARTLEY AVE	357	FENDALTON	
Chip Seal	HAMPSHIRE ST	BREEZES RD	LYNHURST CRES	163	BURWOOD	
Chip Seal	HAPPY HOME RD	CASHMERE ROAD	# 26 HAPPY HOME RD	311	HALSWELL	
Chip Seal	HAPPY HOME RD	# 26 HAPPY HOME RD	END OF CUL DE SAC	239	HALSWELL	
Chip Seat	HARMANS ROAD	BRIDLE PATH	VOELAS RD	726	BANKS PENINSULA	
Chip Seal	HASSALS LANE	YORK STINT	END OF CUL DE SAC	64	CASHMERE	
Chip Seat	HASTINGS ST WEST 2 EAST BURLINGTON	BURLINGTON ST	END OF CUL DE SAC	136	HEATHCOTE	
Chip Seal	HAVELOCK ST	MARLBOROUGH ST	CASHEL ST	198	CENTRAL	
Omp Seat	HAVELOOK OT	PIAREDOROUGHSI	ONOTILEOT	130	OLIVINAL	



Chip Seal	HILLIER PL	HOWARD ST	END OF CUL DE SAC	257	SPREYDON	
Chip Seal	HOLLY RD 1 WEST SPRINGFIELD RD	BRISTOL ST	# 62 HOLLY RD	64	CENTRAL	
Chip Seal	HOLLY RD 1 WEST SPRINGFIELD RD	# 62 HOLLY RD	SPRINGFIELD RD	273	CENTRAL	
Chip Seal	INGRID ST	ASHWOOD ST	RADIATA AVE	279	COASTAL	
Chip Seal	KENNEDYS BUSH RD 1	CASHMERE RD/COMER ST	END OF PAINTED MEDIUM	117	HALSWELL	
Chip Seal	KEOGHS LANE	CALEDONIAN RD	END	111	CENTRAL	
Chip Seal	KEVIN ST	DALKEITH ST	DOWNING ST	123	SPREYDON	
Chip Seal	KEVIN ST	DOWNING ST	CEDARS ST	173	SPREYDON	
Chip Seal	KIDSON TCE	DYERS PASS	ARAHURA	452	CASHMERE	
Chip Seal	KING ST	# 18 KING ST	MONTROSE ST	363	HEATHCOTE	
Chip Seal	LANSBURY AVE	HAWTHORNE ST	BEGINNING OF CUL DE SAC	199	FENDALTON	
Chip Seal	LILLIAN ST	HALSWELL RD	ENSIGN ST	123	HALSWELL	
Chip Seal	LINDSAYST	CORNWALL ST	WINTON ST	271	INNES	
Chip Seal	LITTLE AKALOA ROAD	TWINS BRIDGES AT MISTY HILLS	ONE WAY BRIDGE	2098	BANKS PENINSULA	
Chip Seal	LLOYD ST	STROWAN RD	END OF ROAD	132	FENDALTON	
Chip Seal	LONDON STREET	CANTERBURY ST	DUBLIN ST	157	BANKS PENINSULA	
Chip Seal	LONDON STREET	DUBLIN ST	# 83 LONDON ST	25	BANKS PENINSULA	
Chip Seal	LYNDON ST	PICTON AVE	DIVISION ST	457	RICCARTON	
Chip Seal	MACAULAY ST	SPENCER ST	BEFORE COLLIN ST AT ASPHALT	215	SPREYDON	
Chip Seal	MACES RD	DYERS RD	BROMLEY RD	669	LINWOOD	
Chip Seal	MACES RD	BROMLEY RD	# 133 MACES RD	196	LINWOOD	
Chip Seal	MACES RD	# 133 MACES RD	WICKHAM ST	166	LINWOOD	
Chip Seal	MACES RD	WICKHAM ST	RURU RD (STH)	384	LINWOOD	
Chip Seal	MACKWORTH ST	MATLOCK ST	BONAR PL	698	LINWOOD	
Chip Seal	MAIN NORTH RD 7 ACC FROM FARQUHARS	BRIDGE UNDERPASS	MAIN NTH RD (LOWRY AVE END)	97	PAPANUI	
Chip Seal	MANCHESTER ST 2 NORTH BEALEY AVE	BEALEY AVE (NTH)	PURCHAS ST	246	CENTRAL	
Chip Seal	MARION ST	GAINSBOROUGH ST	COPENHAGEN PL	216	SPREYDON	
Chip Seal	MARION ST	COPENHAGEN PL	SAMUEL ST	129	SPREYDON	
Chip Seal	MARLBOROUGH ST	HAVELOCK ST	CLIVE ST	80	LINWOOD	
Chip Seal	MARYHILL AVE	HOON HAY RD	WYN ST	115	SPREYDON	
Chip Seal	MATANGI ST	ROBERTS RD	END OF CUL DE SAC	253	HORNBY	
Chip Seal	MATLOCK ST	RANDOLPH ST	SMITH ST	362	LINWOOD	
Chip Seal	MAUNSELL ST	GARLANDS RD	# 11 MAUNSELL ST	117	HEATHCOTE	
Chip Seal	MAYS RD	BRETTS RD	MATHIAS ST	211	PAPANUI	
Chip Seal	MAYS RD	MATHIAS ST	RUTLAND ST	130	PAPANUI	
Chip Seal	MCCORMACKS BAY RD	# 98 MCCORMACKS BAY RD	# 126 MCCORMACKS BAY RD	293	HEATHCOTE	
Chip Seal	MCDOUGALL AVE	PAPANUI RD	MURRAY PL	144	FENDALTON	
Chip Seal	MONCKS SPUR RD 1 CAVE TO GLENSTRAE	MONCKS SPUR RD	CAVETCE	499	HEATHCOTE	
Chip Seal	MT PLEASANT RD	# 2 MT PLEASANT RD	SEAMOUNT TCE	336	HEATHCOTE	
Chip Seal	MT PLEASANT RD	# 149 MT PLEASANT RD	DRAYTON DR	521	HEATHCOTE	
Chip Seal	MUIR AVE 1 SOUTH O'HALLORIN DRV	O'HALLORAN DR	END OF CUL DE SAC	175	HALSWELL	
Chip Seal	MUIR AVE 2 NORTH O'HALLORIN DRV	O'HALLORAN DR	END OF CUL DE SAC	523	HALSWELL	
Chip Seal	MUIRSON AVE	HOON HAY RD	MCBEATH AVE	133	SPREYDON	
Chip Seal	MUIRSON AVE	MCBEATH AVE	GREENPARK ST	102	SPREYDON	
Chip Seal	MUNRO ST	DANIELS RD	DUNEDIN ST	174	PAPANUI	
Chip Seal	MURCHISON AVE	FARQUHARS RD	LOWRY AVE	90	PAPANUI	
Chip Seal	MURPHYS RD	HALSWELL JUNCTION RD	SKIBBEREEN DR	444	HALSWELL	
Chip Seal	MURPHYS RD	SKIBBEREEN DR	# 66 MURPHYS RD	237	HALSWELL	
Chip Seal	MURPHYS RD	# 66 MURPHYS RD	QUAIFES RD	131	HALSWELL	



Chip Seal	MURRAY PL	PAPANUI RD	MCDOUGALL AVE	276	FENDALTON	
Chip Seal	NAYLAND ST 1 WEST WAKEFIELD AVE	MAIN RD	RICHMOND HILL	218	HEATHCOTE	
Chip Seal	NAYLAND ST 1 WEST WAKEFIELD AVE	# 33 NAYLAND ST	WAKEFIELD AVE	91	HEATHCOTE	
Chip Seal	NAYLAND ST 2 EAST WAKEFIELD AVE	HARDWICKE ST	MENZIES ST	222	HEATHCOTE	
Chip Seal	NEWLAND ST	VICTORS RD	KEVIN ST	203	SPREYDON	
Chip Seal	NORTONS RD	HARROWDALE DR	BEVINGTON ST	106	WAIMAIRI	
Chip Seal	NORWICH ST	WORCESTER ST	BUCKLEYS RD	388	LINWOOD	
Chip Seal	NOTTINGHAM AVE	WALES ST	ARKWRIGHT PL	865	HALSWELL	
Chip Seal	O'HALLORAN DRV	HALSWELL RD	MUIR AVE	115	HALSWELL	
Chip Seal	O'HALLORAN DRV	MUIR AVE	SABYS RD	266	HALSWELL	
Chip Seal	O'LEARY ST	HERDMAN ST	REDGRAVE ST	295	SPREYDON	
Chip Seal	OLIVINE ST	BRIGGS RD	MCINTYRE ST	115	INNES	
Chip Seal	OLIVINE ST	MCINTYRE ST	VOSS ST	246	INNES	
Chip Seal	ONSLOW ST	DERBY ST	CLARE RD	173	CENTRAL	
Chip Seal	ONSLOW ST	CLARE RD	HOLLY RD	191	CENTRAL	
Chip Seal	OTARA ST	HAMILTON AVE	MEMORIAL AVE	194	FENDALTON	
Chip Seal	OXFORD STREET	WINCHESTER ST	EXETER ST	131	BANKS PENINSULA	
Chip Seal	OXFORD STREET	EXETER ST	RIPON ST	118	BANKS PENINSULA	
Chip Seal	OXLEY AVE	CRANFORD ST	FORFAR ST	332	INNES	
Chip Seal	PACIFIC RD	BRITANNIA ST	RAE LN	490	COASTAL	
Chip Seal	PACKE ST	PURCHAS ST	BEALEY AVE	222	CENTRAL	
Chip Seal	PANNELL AVE	KERRS RD	WAINONI RD	478	LINWOOD	
Chip Seal	PASCOE AVE	WESTMINSTER ST	END OF CUL DE SAC	175	INNES	
Chip Seal	PAWSONS VALLEY ROAD	SH 75 (BEACH)	# 77 PAWSONS VALLEY RD	855	BANKS PENINSULA	
Chip Seal	PENTRE TCE	DYERS PASS RD	AT LH BEND AT END OF #7 PROPERTY	157	CASHMERE	
Chip Seal	PERRY ST	PAPANUI RD	RAYBURN AVE	283	PAPANUI	
Chip Seal	PETERBOROUGH ST 2 EAST VICTORIA ST	MANCHESTER ST	# 183 PETERBOROUGH ST	116	CENTRAL	
Chip Seal	PETERBOROUGH ST 2 EAST VICTORIA ST	# 183 PETERBOROUGH ST	MADRAS ST	121	CENTRAL	
Chip Seal	PHILOMEL ST	BOWER AVE	PEGASUS AVE	231	COASTAL	
Chip Seal	PLYNLIMON RD	GARREG RD	LADBROKES PL	249	FENDALTON	
Chip Seal	PLYNLIMON RD	LADBROKES PL	IDRIS RD	128	FENDALTON	
Chip Seal	QUAIDS RD	PRESTONS RD	HAWKINS RD	827	INNES	
Chip Seal	QUEENSPARK DRV	RADIATA AVE	BROADHAVEN AVE	607	COASTAL	
Chip Seal	QUINNS RD 1	VOSS ST	MCINTYRE ST	223	INNES	
Chip Seal	RAVENSDALE RISE	PENRUDDOCK RISE	END OF CUL DE SAC	945	HALSWELL	
Chip Seal	RAYBURN AVE	PAPAROA ST	PERRY ST	105	PAPANUI	
Chip Seal	RICHMOND HILL RD 1	RICHMOND HILL RD 1	RICHMOND HILL RD 1	100	HEATHCOTE	
Chip Seal	RICHMOND HILL RD 1	SANCRIT PL	# 169 RICHMOND HILL RD	271	HEATHCOTE	
Chip Seal	ROSEBERY ST	SIMEON ST	SELWYN ST	390	SPREYDON	
Chip Seal	ROSLYN AVE	CROZIERS RD	GLENFIELD CRES	181	INNES	
Chip Seal	ROSS TERRACE	SELWYN LN	ROSS PDE	266	BANKS PENINSULA	
Chip Seal	ROSS TERRACE	ROSS PDE	SOMES RD	174	BANKS PENINSULA	
Chip Seal	ROWE PL	AJAX ST	END OF CUL DE SAC	83	BURWOOD	
Chip Seal	ROWLEY AVE	HALSWELL RD	# 15 ROWLEY AVE	160	SPREYDON	
Chip Seal	ROYAL PARK DRV	MAIREHAU RD	QUEENSPARK DRV	1450	COASTAL	
Chip Seal	RUTHERGLEN AVE	DOVEDALE AVE	LYNFIELD AVE	328	RICCARTON	
Chip Seal	SAMUEL ST	MARION ST	NEWLAND ST	260	SPREYDON	
Chip Seal	SAPPHIRE ST	HIGHSTED RD	# 29 SAPPHIRE ST	215	HAREWOOD	
Chip Seal	SAWYERS ARMS RD 2 N/W NORTHCOTE RD	WAIMAKARIRI RD	# 457 SAWYERS ARMS RD	352	HAREWOOD	
Jinp Jeat	S I ENGLISHE ZIV W NORTHOUTEND	**/ WE IS USE WHILE THE	" 707 GATTERIORINI TOND	002		



Chip Seal	SEVENOAKS DRV	GREERS RD	DERWENT ST	250	WAIMAIRI	
Chip Seal	SIMEON QUAY	CUNNINGHAM TCE	VOELAS RD	42	BANKS PENINSULA	
Chip Seal	SKIPTON ST	ACHESON AVE	EMMETT ST	530	INNES	
Chip Seal	SMARTLEA ST	HOON HAY	END OF CUL DE SAC	251	SPREYDON	
Chip Seal	SMARTS RD 2 OFF WATERLOO RD	WATERLOO RD	SMARTS RD	222	HORNBY	
Chip Seal	SMITH STREET	BEACH RD	MUTER ST	332	BANKS PENINSULA	
Chip Seal	SOBERTON ST	CARRISBROOKE ST	EUREKA ST	301	BURWOOD	
Chip Seal	SOMES ROAD	CORNWALL RD	DAYS RD	77	BANKS PENINSULA	
Chip Seal	SOMME ST	HAWKESBURY AVE	ST ALBANS ST	383	FENDALTON	
Chip Seal	ST ALBANS ST	PAPANUI RD	BRISTOL ST	295	FENDALTON	
Chip Seal	ST ANDREWS SQ 1	# 35 ST ANDREWS SQ 1	NORMANS RD	409	FENDALTON	
Chip Seal	STAFFORDSHIRE ST	BURWOOD RD	CHARTWELL ST	235	BURWOOD	
Chip Seat	STATION RD OFF MARTINDALES RD	MARTINDALES RD	MARSDEN ST	165	HEATHCOTE	
Chip Seat	STATION RD OFF MARTINDALES RD	MARSDEN ST	SCHOOL ACCESS	84	HEATHCOTE	
	STRATHFIELD AVE	COOPERS RD	GAYHURST RD	357	BURWOOD	
Chip Seal						
Chip Seal	SURREY ST	TANCRED ST	GLOUCESTER ST	191	CENTRAL	
Chip Seal	TANKED ST 1 WEST LINWOOD AVE	WORCESTOR ST	LINWOOD AVE	326	CENTRAL	
Chip Seal	TANKERVILLE RD	MATHERS RD	HALSWELL RD	608	SPREYDON	
Chip Seal	TAUIWI CRES	MANURERE NTH (#73)	MANURERE STH (#1)	575	HORNBY	
Chip Seal	TE RAMA PL 1 S/E TAHUNA ST	HELANCA AVE	TAHUNA ST	266	BURWOOD	
Chip Seal	TONKS ST	CYGNET ST	LEAVER TCE	178	COASTAL	
Chip Seal	TONKS ST	LEAVER TCE	BOWHILL RD	121	COASTAL	
Chip Seal	TRENT ST	AVONSIDE DR	ARMAGH ST	356	CENTRAL	
Chip Seal	TRUSCOTTS RD 1 TO FERRYMEAD PK DRV	MARTINDALES RD	DEAVOLL PL	125	HEATHCOTE	
Chip Seal	TRUSCOTTS RD 1 TO FERRYMEAD PK DRV	DEAVOLL PL	# 61 TRUSCOTTS RD	339	HEATHCOTE	
Chip Seal	TRUSCOTTS RD 1 TO FERRYMEAD PK DRV	# 61 TRUSCOTTS RD	50 FERRYMEAD PARK DR	576	HEATHCOTE	
Chip Seal	UNION ST	# 67 UNION ST	ADMIRALS WAY	414	COASTAL	
Chip Seal	VAGUES RD	NYOLIST	# 146 VAGUES RD	268	PAPANUI	
Chip Seal	VOSS ST	QUINNS RD	# 17 VOSS ST	112	INNES	
Chip Seal	WAITIKIRI DRV 1 LANDFILL ACCESS	PRESTONS RD	LANDFILL RD	74	BURWOOD	
Chip Seal	WALLER TCE	WALLER TCE	SELWYN ST	321	CENTRAL	
Chip Seal	WALNUTAVE	HAWTHORNE ST	END OF CUL DE SAC	181	FENDALTON	
Chip Seal	WALPOLE ST	WILSONS RD NTH	THACKERAY PL	292	CASHMERE	
Chip Seal	WARREN CRES	HALSWELL RD	WEST-WATSON AVE	99	SPREYDON	
Chip Seal	WEKA ST	STRAVEN RD	KOTARE ST	617	FENDALTON	
Chip Seal	WEST-WATSON AVE	WARREN CRES	WARREN CRES	544	SPREYDON	
Chip Seal	WHARENUI RD	RICCARTON RD	BLENHEIM RD	800	RICCARTON	
Chip Seal	WILDWOOD AVE	KERRS RD	PANNELL AVE	313	LINWOOD	
Chip Seal	WILLIAMS ST	FERRY RD	COVENTRY ST	113	CENTRAL	
Chip Seal	WINCHESTER ST	ANDOVER ST	MERIVALE LN	276	FENDALTON	
Chip Seal	WINDERMERE RD	BLIGHS RD HUMP	MATSONS AVE	565	PAPANUI	
Chip Seal	WOODHOUSE ST	TANCRED ST	GLOUCESTER ST	191	CENTRAL	
Chip Seal	WYN ST	DOWNING ST	SAMUEL ST	246	SPREYDON	
Chip Seal	WYN ST	SAMUEL ST	MARYHILL AVE	242	SPREYDON	
Chip Seal	YORK ST	# 21 YORK ST	HASSALS INT	20	CASHMERE	
Chip Seal	YORKST	# 23 YORK ST	HASSALS INT	19	CASHMERE	
1						
	Chip Seal - FY26			63,441	-	-



				Length						
Seal Type	Road	Start Name	End Name	(m)	Ward	FY25	FY26	FY27	FY28-30	FY31-34
Second Coat Seal	GARDEN RD	WAIRARAPA TCE	GARDEN RD	10	FENDALTON					
Second Coat Seal	MAGDALA PL2 ACCESS RD	NAZARETH PL	END OF ROAD	102	SPREYDON					
Second Coat Seal	MCVICARS RD	WORSLEYS RD	ROUND HILL RISE/RNBT	901	CASHMERE					
Second Coat Seal	OKEOVER ST	MATLOCK ST	END OF CUL DE SAC	107	LINWOOD					
						•				
	Second Coat Seal - FY26			1,120		-	-	-	-	

				Length						
Seal Type	Road	Start Name	End Name	(m)	Ward	FY25	FY26	FY27	FY28-30	FY31-34
Chip and AC	CUNLIFFE RD	MAIN NTH RD (SH74)	END OF CUL DE SAC	147	PAPANUI					
Chip and AC	DULLES PL	ERICA ST	END OF CUL DE SAC	64	PAPANUI					
	Chip and AC - FY26			211		-	-	-	-	



# **Programme: Street Renewals**

## Aims /Objectives/LoS

This program is for renewal of all street assets boundary to boundary and is based on an assessment of the condition of the carriageway, kerb and channel, and footpaths. The aim is to address amenity in conjunction with renewals, and therefore is based on the condition of the three main assets to ensure best value for money in the programme.

This is done in line with our Level of Service as defined in the Activity Management Plan Section 4:

- 16.0.1 Maintain roadway condition to an appropriate national standard, measured by the percentage of the sealed road network that is resurfaced each year ≥4%
- 16.0.2 Improve roadway condition, to an appropriate national standard, measured by smooth travel exposure ≥75%
- 16.0.3 Improve resident satisfaction with road condition ≥30

## **Data Collection**

Asset data had been collected primarily by on-site inspection and assessments carried out annually, and is stored in RAMM which is the asset management tool all roading authorities are required to use if they are going to seek NZTA funding contributions.

Data includes frequency of occurrence and types of faults such as:

- longitudinal cracking, crazing, and shoving in carriageways
- cracking and levels in kerb and channel
- cracks, undulations, and tree roots in footpaths.

A road roughness survey is carried out by a contractor with a special vehicle and equipment which determines the smoothness of a ride. Going forward NZTA are taking over this assessment on all roads nationwide and will supply information to councils.

Very recently, technology has allowed a new form of testing which provides information on the remaining carriageway life. This testing will be used to provide an additional level of data for assessment that has not been previously available.

#### **Criteria for Selection**

Condition and remaining lifespan of the three main assets are the primary criteria for selection. Potential locations are initially determined from:

- Deferred locations from the previous year
- Condition ratings
- Contractor and council staff knowledge
- Hybris tickets
- Traffic count data analysis
- Budget constraints

### **Prioritisation**

The initial list of candidates for street renewal is compiled based on asset condition data.

Prioritisation is then carried out and includes the following considerations:

- Conflict/coordination with other projects and programmes in the same location
- Significance and amount of defects present
- · Remaining life left in the existing pavement
- Traffic volume and composition analysis
- Local land use and facilities.

Deconflicting with other works proposed in the local area is carried out to ensure the most cost effective solution for delivery.

#### Validation

Validation of the prioritised list is completed initially by office based virtual inspection and then by on-site inspections to ensure the data is reflective of actual condition.

## **Cost Estimation and Assumptions**

Cost estimates are based on rates across recent street renewal projects. Conditions and constraints on individual projects can vary and budget requirements will be managed within the programme Any works unable to be delivered in a financial year are moved into the following financial year as the highest priority.



Programmes are continuously managed and deconflicted with other projects and programmes, and utility provider works. They are also refined to fit within allocated budgets as works progress and so there may be some change from the list that follows.

CPMS Project	FY25	FY26	FY27	FY28-30	FY31-34
Street Renewals	8,060,269	9,788,327	13,203,963	13,657,145	-
29100 - Nicholls Street Renewal	526,789	-	-	-	-
56186 - Warden Street Renewals (Warden to Shirley)	286,490	-	-	-	-
56187 - Petrie Street Renewals (North Avon to Randall)	191,437	-	-	-	-
56188 - Chrystal Street Renewals (North Avon to Randall)	152,391	-	-	-	-
56189 - Dudley Street Renewals (Slater to Stapletons)	921,164	-	-	-	-
56190 - Stapletons Road Renewals (Warden to Shirley)	151,043	-	-	-	-
65468 - Pine Avenue Asset Renewal	9,363	-	-	-	-
68389 - Condell Ave Street Renewals	414,682	400,000	500,000	1,999,608	-
70742 - Innes Road Street Renewal (Mersey to Philpotts)	666,555	400,000	800,000	-	-
62899 - Kerb Renewal - Package 1 - Banks St (Templeton)	297,199	-	-	-	-
62900 - Kerb Renewal - Package 1 - Kissell St (Templeton)	-	60,973	-	-	-
71295 - Aorangi Rd and Matsons Ave Kerb Renewals	633,851	545,294	-	-	-
71537 - Shands Road Renewal	78,881	-	-	-	-
79789 - Ferry-Alwins-Ensors Intersection Pavement Renewal	1,410,000				
79906 - Barbadoes Street Eastside Kerb and Channel Renewal (Lichfield - Hereford)	1,420,000				
205 - Programme - Street Renewals (to be allocated)	900,425	8,382,060	11,903,963	11,657,537	-

Road	Start Name	End Name	Length (m)	Estimate (\$)	Channel type	Ward	FY25	FY26	FY27	FY28-30	FY31-34
Street Renewals planned allocation u		(111)	L3tilliate (ψ)	турс	Wald	1125	1120	1127	1120-00	1101-04	
BRAMWELL ST 2 EAST BELFIELD ST	BELFIELD ST	CUL DE SAC	133	824,600	Flat	BURWOOD	-	200,000	150,000	474,600	-
WESTCOTT ST 1 WEST BELFIELD ST	BELFIELD ST	CUL DE SAC	75	465,000	Flat	BURWOOD	-	100,000	100,000	265,000	-
WESTCOTT ST 2 EAST BELFIELD ST	BELFIELD ST	CUL DE SAC	127	787,400	Flat	BURWOOD	-	100,000	100,000	587,400	-
COOKE ST	MCCOMBS ST / MH / WOODARD	SELWYN ST	166	1,029,200	Flat	CASHMERE	50,000	200,000	779,200	-	-
CAMBRIDGE TCE 5 WEST BARBADOES ST	Cul DE SAC	PETERBOROUGH ST	86	533,200	Flat	CENTRAL	50,000	483,200	-	-	-
SURREY ST	GLOUCESTER ST	WORCESTER ST	147	911,400	Dish	LINWOOD	-	200,000	200,000	511,400	-
BRISTOL ST	GORDON AVE	ST ALBANS ST	170	1,054,000	Flat	FENDALTON	25,425	200,000	200,000	628,575	-
SHELLEYST	BEAUMONT ST	END KDC LHS / MH +8M	81	502,200	Dish	CASHMERE	50,000	452,200	-	-	-
WARNER PL	MAUGER DRV	CUL DE SAC / NORTH #20	133	824,600	Flat	HEATHCOTE	25,000	200,000	599,600	-	-
CLIFF ST	MAIN RD	EMILY HEIGHTS / SUMP LHS	114	706,800	Flat	HEATHCOTE	-	100,000	100,000	506,800	-
AMYES RD	SHANDS RD / MH	SPRINGS RD	1068	10,146,000	Dish	HORNBY	200,000	500,000	1,700,000	7,746,000	-



Street Renewals planned Total			5,640	41,185,000			900,425	7,370,600	12,968,400	19,945,575	-
BURROWS PL	RAXWORTHY ST	CUL DE SAC	66	409,200	Flat	WAIMAIRI	50,000	359,200	-	-	
STOURBRIDGE ST	THERESE ST	BARRINGTON ST	196	1,215,200	Dish	SPREYDON	50,000	300,000	865,200	-	-
STOURBRIDGE ST	LYTTELTON ST	BEANLAND AVE	279	1,729,800	Dish	SPREYDON	50,000	200,000	1,479,800	-	-
SIMEON ST	CORONATION ST	DIAMOND AVE	158	979,600	Dish	SPREYDON	50,000	250,000	679,600	-	-
FIELD TCE	MIDDLETON RD	RICCARTON RD	257	1,593,400	Dish	RICCARTON	-	100,000	200,000	1,293,400	-
KEA ST	CENTENIAL AVE	CUL DE SAC	64	396,800	Dish	RICCARTON	50,000	346,800	-	-	-
WILMOTST	HAREWOOD RD	HOANI ST	139	861,800	Dish	PAPANUI	-	100,000	100,000	661,800	-
SAILS ST	HAREWOOD RD	LANGDONS RD	241	1,494,200	Dish	PAPANUI	-	200,000	300,000	994,200	-
TAVENDALE PL	MAYS RD	CUL DE SAC	89	551,800	Flat	PAPANUI	50,000	501,800	-	-	-
WELLINGTON ST	OLLIVIERS RD	CLIVE ST	302	1,872,400	Flat and dish	CENTRAL	-	200,000	200,000	1,472,400	-
SILVESTER ST	WILDBURYST	RICHARDSON TCE	342	2,120,400	Dish	LINWOOD	-	300,000	300,000	1,520,400	-
CLIVE ST	WELLINGTON ST	CASHEL ST	131	812,200	Dish	CENTRAL	-	100,000	100,000	612,200	-
ADAMS PL	RADLEY ST	DEAD END	125	775,000	Flat	LINWOOD	-	100,000	100,000	575,000	-
WYON ST	WORCESTER	BUCKLEYS RD WEST	152	3,135,000	Dish	LINWOOD	50,000	250,000	2,835,000	-	-
HULBERT STREET	WYON	END	115	1,213,000	dish	LINWOOD	50,000	200,000	963,000	-	-
HARTNELL PL	ROWCLIFFE CRES	END OF CRESCENT	77	477,400	Flat	LINWOOD	50,000	427,400		-	-
FINLAY PL	MACKENZIE AVE	END OF STREET	83	514,600	Flat	LINWOOD	25,000	100,000	314,600	75,000	-
WINTON ST	LINSAY ST / MH	MADRAS ST / FORFAR ST	182	1,128,400	Dish	INNES		100,000	100,000	928,400	-
WINTON ST	CRANFORD ST	LINSAY ST / MH	144	892,800	Dish	INNES	-	100,000	100,000	692,800	-
CHANCELLOR ST	DUDLEY CREEK CULVERT	SHIRLEY RD	121	750,200	Dish	CENTRAL	-	200,000	150,000	400,200	-
IONA PL	CHEYENNE ST	CUL DE SAC	77	477,400	Flat	RICCARTON	25,000	200,000	252,400	-	-



# Proposed Roads/Streets for future allocation under '205 - Programme - Street Renewals'

Road	Start Name	End Name	Length	Estimate	Channel type	Ward
BAYNES ST	COSSAR ST	CUL DE SAC	272	1,686,400	Flat	BURWOOD
BECKFORD RD	BRIDGE / EAST ABUTMENT	HAWFORD RD	270	1,674,000	Flat and dish	HEATHCOTE
CARDIFF AVE	WOODARD TCE	SELWYN ST	205	1,271,000	Dish	CASHMERE
CONIFER PL	PARKLANDS DRV	CUL DE SAC	95	589,000	Flat	CASHMERE
CORSON AVE	WAIMEA TCE	BIRDWOOD AVE	543	3,366,600	Dish	CASHMERE
DELORAINE ST	BARRINGTON ST	NO EXIT	281	1,742,200	Flat	CASHMERE
MALCOLM AVE	COLOMBO ST	WAIMEA TCE	188	1,165,600	Dish	CASHMERE
1ALCOLM AVE	WAIMEA TCE	BIRDWOOD AVE	258	1,599,600	Dish	CASHMERE
IEWBERY ST	FORD RD	END STREET / KCC LHS/RHS	280	1,736,000	Flat and dish	HEATHCOTE
SANDWICH RD	WAIMEA TCE	BIRDWOOD AVE	171	1,060,200	Dish	CASHMERE
LDERSLEY ST	FLESHER AVE	CUL DE SAC	154	954,800	Flat	CENTRAL
RMAGH ST 1 WEST FITZGERALD AVE	CRANMER SQ / EAST	DURHAM ST / NORTH	188	1,165,600	Flat	CENTRAL
GRACEFIELD AVE	DURHAM ST / NORTH	CNR CONCRETE BLOCK FENCE	198	1,227,600	Dish	CENTRAL
MARRIOTTS RD	BOWER AVE	TEDDER AVE	300	1,860,000	Dish	COASTAL
MARRIOTTS RD	TEDDER AVE	ROOKWOOD AVE / KEYES RD	332	2,058,400	Dish	COASTAL
HAW AVE 2 OFF LEAVER TCE	BOWHILL RD	END C/WAY / KCC	112	694,400	Dish	COASTAL
BBERLEY CRES	SPRINGFIELD RD	KINLOCH ST	294	1,822,800	Flat and dish	INNES
ALBANY ST	KINLOCH ST	ST ALBANS ST	238	1,475,600	Dish	INNES
GORDON AVE	BRISTOL ST	ST ALBANS ST	261	1,618,200	Dish	INNES
ACKSONS RD	WIDENS / BDY #31/33A LHS	WROXTON TCE	115	713,000	Dish	FENDALTON
ACKSONS RD	FENDALTON RD	WIDENS / BDY #31/33A LHS	294	1,822,800	Dish	FENDALTON
INTRA PL	MENDIP PL	CUL DE SAC	119	737,800	Flat	HAREWOOD
OLFE PL	BAINTON ST	CUL DE SAC	108	669,600	Flat	HAREWOOD
VESLEY PL	NORMANDY ST	CUL DE SAC	47	291,400	Flat	HAREWOOD
IILLTOP LANE	CANNON HILL CRES	CUL DE SAC	123	762,600	Flat	HEATHCOTE
NGOLDSBY ST	HUXLEYST	CAMERON ST	133	824,600	Dish	HEATHCOTE
PERCIVAL ST	TENNYSON ST	LONGFELLOW ST	204	1,264,800	Dish	HEATHCOTE
AYLESFORD ST	CROSBY ST / MH	ARCHER	200	1,240,000	Flat	INNES
BOYS PL	QUINNS RD / EAST	CUL DE SAC	104	644,800	Dish	INNES
COURTENAY ST	ST ALBANS ST / TRAFALGAR / RNBT	WESTMINSTER ST	205	1,271,000	Dish	INNES
GUILD ST	HILLS RD	SLATER ST	106	657,200	Dish	CENTRAL
UILD ST	SLATER ST	CUL DE SAC	155	961,000	Dish	CENTRAL
IINARET ST	CROSBYST	END C/WAY	167	1,035,400	Flat	INNES
OULD CRES	FERRY RD / N/W END	APEX / MH RHS	218	1,351,600	Dish	LINWOOD
EATHCOTE ST	FERRY RD	STREET CL / APEX	92	570,400	Flat and dish	LINWOOD
ENNETT ST	MAYS RD	TOMES RD	186	1,153,200	Flat and dish	PAPANUI
ALING ST	PADDINGTON ST	CAMDEN ST / #23/40 LHS/SL	243	1,506,600	Flat	PAPANUI
ETTON PL	MCFADDENS RD	CUL DE SAC	119	737,800	Flat	PAPANUI
ALGAY ST	RICCARTON RD	MILNEBANK ST	217	1,345,400	Flat	RICCARTON
ALLANTYNE AVE	HAYNES AVE	CUL DE SAC	111	688,200	Flat	RICCARTON
URDALE ST 1 EAST PICTON AVE	MANDEVILLE ST	PICTON AVE	126	781,200	Flat and dish	RICCARTON
IANRAHAN ST	NEWNHAM TCE	WAIMAIRI RD	222	1,376,400	Dish	RICCARTON
1AXWELL ST	MATIPO ST	WAIN IAIN TO	185	1,147,000	Dish	RICCARTON
DINBURGH ST	SUMNER ST	END OF STREET	174	1,078,800	Dish	SPREYDON
NEVILLE ST	LYTTELTON ST	PLUNKET ST	264	1,636,800	Dish	SPREYDON
NEVILLE ST	PLUNKET ST	BARRINGTON ST	350	2,170,000	Dish	SPREYDON
NEVILLE ST	DOMAIN TCE	BAYLEY PL	145	899,000	Dish	SPREYDON







# Queenspark Reserve – Aerial image





# Queenspark Reserve – Site photos



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# Queenspark Reserve – Site photos



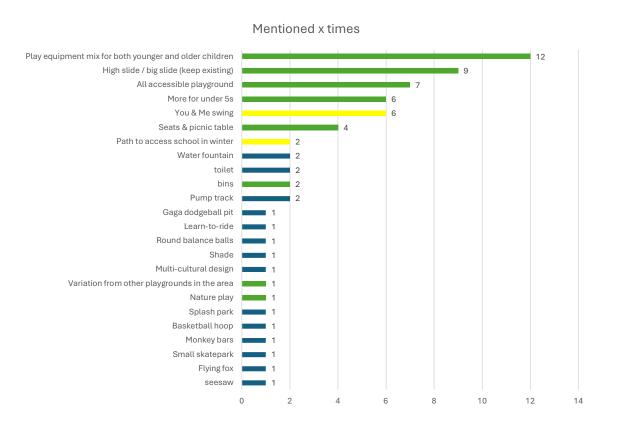


# Queenspark Reserve – Site photos





# Let's Talk engagement - summary of submissions comments:





# Queenspark Reserve - 2020/2021 Point of Contact Residents Survey

#### Comment

A bike path around park edge would be good linking Pincster to Radiata via park.

Car parking, for safety of the players, families and residents, this gets very busy down Radiata Ave when there is sports and large events like fairs etc. The potential times I have seen children especially, playing sport darting out from the cars onto the street is a risk of inquiry. There is no toilet facilities here no sports changing rooms and poor children's playground. Means it's not suitable or safe for the whole community to use. Too dark in some places with established tree, Queenspark drive side could be used as car park.

Free to access for all, whether for organised or casual groups, families or individuals. This one is always very well maintained. My perception is that it's a very safe area in which people can enjoy their sport and recreation. The frisbee golf course is popular and seems to get regular use.

Frizbie golf-great to see people using it- very popular.

It is used widely by the school, local walking, sports at the weekend, and golf frizbee.

Kept very tidy and maintained. Frizbee golf great addition. Great for dogs.

large park with several different leisure areas, well maintained

Love the trees just need to be maintained regularly. Playground is a bit shabby.

Numbers on end targets.

Parking- there is no parking and Radiata Ave gets so congested and car's travel over speed down Radiata Ave- speed bumb would be great.

Shared Community space with the local school, New Frizzbe Golf is great, the established trees for climbing.

Shrubs have grown far too large and need trimming thank you.

The park really has no facilities as such, like toilets, shelter (apart from the trees) barbecue areas or the like. Things like those might make the park more inviting, especially for family-based recreation, and might encourage people to stay and make use of the park for longer periods of time.

There are only small 2 rubbish bins for the whole reserve! The children playground is often messy with broken bottles, cans, etc. from teenager parties

There is a definite need or public toilets. The trees on the Radiata Avenue boundary fences of private properties need topping as they impede sunshine into back yards-especially in winter.

Toilets water fountain rubbish bin

Very well used

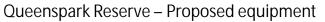


# Queenspark Reserve – Concept Plan (November 2024)



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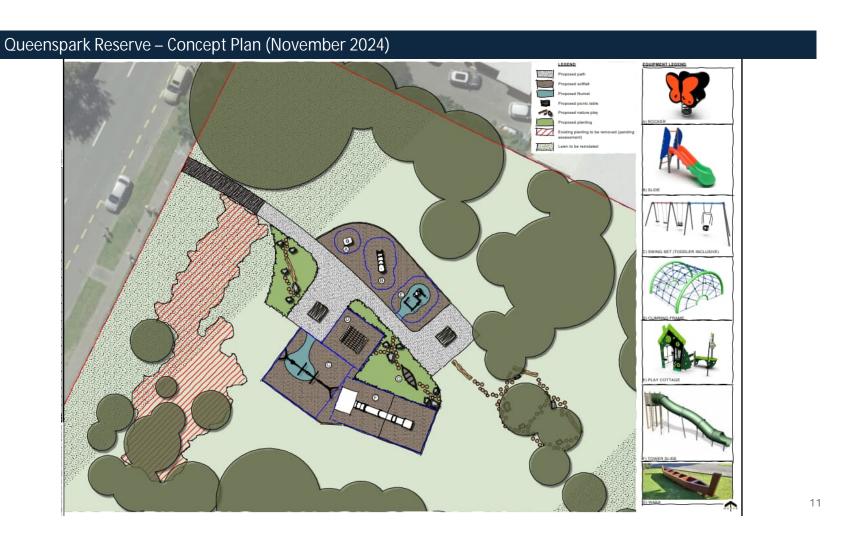




# Example of nature play













# Origins of work

# Strategic direction...

Identified as a spatial priority -

- Greater Christchurch Spatial Plan (GCSP).
- Ōtautahi Christchurch Planning Programme (ŌCPP)
- City Growth and Property Activity Plan:
  - Priority area since 2020 heatmap work







# Linwood's valuable ingredients...



Great location: favourably located near

- Central City
- Coast
- Red Zone recreational corridor



# Development potential:

- Higher density zoning on streets
- Proximity to PT & retail,
- · Wide carriageways with grass berms,
- Large sections with older homes and
- Affordable land values.



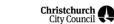
## Ample green space:

- Linwood Park,
  - Worcester Reserve,
- Olliviers Reserve,
- Edmond Factory Gardens,
- Linwood Esplanade Reserve
- Woodham Park

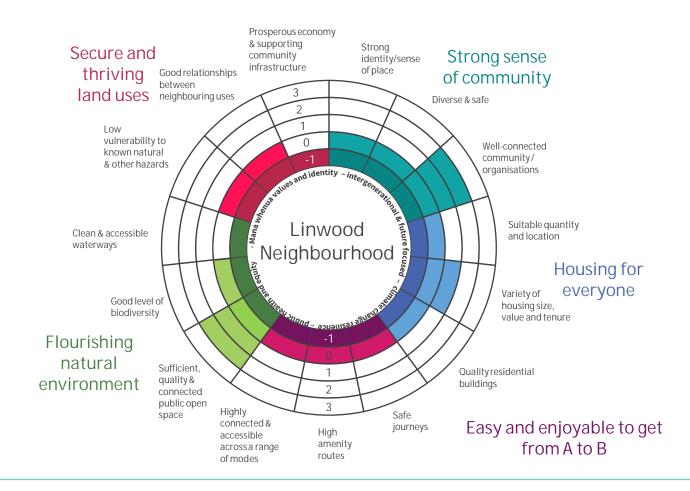


## New assets:

- Te Pou Toetoe and
- Te Aratai College











# Project approach

The project is based around a framework which is made up of the five regeneration themes:



The framework identifies 3 elements (what, where and how):

- The desired project outcomes –
- The locations
- Potential tools to achieve the desired project outcomes.

#### Matters to Note:

- Potential project outputs (tools) are just CCC levers
- Council budgets for this work are very small
- At present, this project is based on the Linwood neighbourhood. The spatial extent will become more focused as projects become more defined.



Regeneration themes and desired project outcomes

## Where?

Where potential project outputs are likely to be focussed.

#### How?

Potential project outputs- the tools which could be used to achieve the desired project outcomes.

# Flourishing Natural Environment-resilient ecological networks

#### Desired outcome:

<u>Clean and accessible natural features including</u> <u>waterways, planting, and parks</u> which enhance the neighbourhood and connect people with nature.

#### Issues to be addressed:

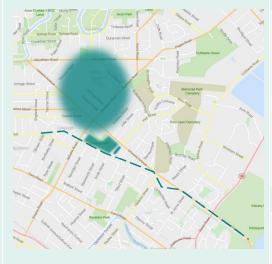
- Tree canopy coverage across Linwood is very low (8.9%).
- Linwood Canal is an asset, but it has poor water quality, is not accessible and does not naturalise until it reaches Woolston.
- Opportunity to enhance and better connect the natural assets in the neighbourhood including:
   8.8ha Linwood Park, two large community gardens on Smith Street, the canal and the Ōtākaro Avon River corridor.

# Low resource/budget:

- Enhance existing open space- Enhance existing open space through partnerships with community groups i.e. fruit trees and flax planting for local weavers on Council owned land adjoining the Linwood Canal.
- Connect with Linwood Canal Working Group -riparian planting, improvements to access, establishing weirs for the eels and working with the community to establish signage to educate the public.

## Medium/high resource/budget:

- Green connections- creating a green, biodiversity corridor through to the Ōtākaro Avon River Corridor.
- Strategic planning/visioning for the Linwood Canal- develop a long-term action plan or vision for the canal with the community.



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Regeneration themes and desired project outcomes

# Secure and thriving land uses- strong and prosperous

Desired outcome: A healthy mix of land uses including a <u>vibrant commercial centre with a range of businesses and local employment opportunities.</u> Provision is made for easily accessible community infrastructure and the community has a low vulnerability to natural hazards.

#### Issues to be addressed:

- Weak collection of commercial uses concentrated in Linwood's main commercial centre at the Aldwins/Linwood/Buckleys intersection.
- Eastgate Mall is generally regarded as an underperforming mall with low foot traffic and high shop vacancy.

## Where?

Where potential project outputs are likely to be focussed.

# Armagh Street Armagh Street Cashel Street Linwood Park Linwood Park

## How?

Potential project outputs- the tools which could be used to achieve the desired project outcomes.

## Low resource/budget:

- Engage the new owners of Eastgate and establish their investment intentions. Identify measures that Council can take to offer renewal support. Support could include:
  - Vacant shop activation e.g., Life in Vacant Spaces support.
  - Investigate options for temporary, alternative uses for the Eastgate mall carpark e.g. drive in movie theatre, market, or mobile services.

## Medium resource/budget:

 Explore development opportunities for the Eastgate site and/or carpark to enable a wider range of permanent uses i.e., greenspace, healthcare facilities, fitness facility, preschool, offices or residential. Prepare indicative development opportunity plans.





Regeneration themes and desired project outcomes

Strong sense of community- connected, diverse community, strong sense of place

#### Desired outcome:

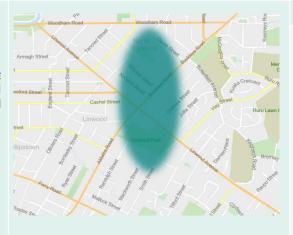
Residents feel safe, have a strong sense of place and a well-connected community. Culture and values of the neighbourhood are acknowledged and protected.

#### Issues to be addressed:

- Linwood is often perceived as a less desirable place to live. The negative perceptions which have hindered investment are largely based around the socio-economic challenges including crime and social deprivation.
- There is an opportunity to build a neighbourhood identity and draw on the assets and history of the area to grow and better embed people's sense of place.

## Where?

Where potential project outputs are likely to be focussed.



## How?

Potential project outputs- the tools which could be used to achieve the desired project outcomes.

#### Low/medium resource/budget:

- Build on Weaving the East progress in terms of community development and info gathering from these groups.
- Use the current momentum in the community around improving the health of the Linwood Canal to build some community cohesion and Linwood identity.
- Undertake collaborative exercises to build a picture about what is great about Linwood-This will help to create a vision/brand for the neighbourhood e.g., Linwood as a Mahinga Kai belt. From this, subsequent projects may seed including:
  - Neighbourhood events to promote Linwood to prospective residents.
  - Cityscape or Newline articles to promote Linwood as a place to live.
  - Placemaking activities which build community cohesion e.g., mural on new Kea clubrooms, neighbourhood signage or vacant shop activations.



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Regeneration themes and desired project outcomes

## Where?

Where potential project outputs are likely to be focussed.

#### How?

Potential project outputs- the tools which could be used to achieve the desired project outcomes.

Easy and enjoyable to get from A to B - safe and pleasant, multi-modal

#### Desired outcome:

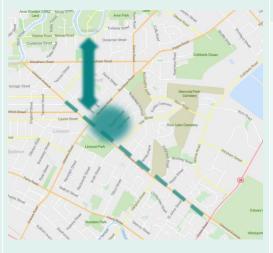
Safe and enjoyable connections to places of work, play and education and the layout/design encourages walking, cycling and use of public transport.

#### Issues to be addressed:

- Pedestrian safety and level of service issues around Eastgate Mall. The pedestrian route between Eastgate Mall and destinations on the southern side of Linwood Avenue has low amenity and there is a shortfall of safe crossing points.
- The Ōtākaro Avon River Corridor is a valuable green/recreational space and is located just 2km walking distance north of Eastgate Mall however connectivity to the corridor across North Linwood is currently poor.

# Medium/high resource/budget:

- High level strategic planning to unlock the potential of North Linwood as a connection between two places (commercial centre and the Ōtākaro Avon River Corridor). Investigate options to create a green corridor/high amenity route to the river and quality high density housing along the corridor.
- Improve the safety and levels of service for pedestrians and cyclists in the Eastgate Mall surrounds e.g. additional crossing points across the busy Linwood Avenue.



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Regeneration themes and desired project outcomes

## Where?

Where potential project outputs are likely to be focussed.

#### How?

Potential project outputs- the tools which could be used to achieve the desired project outcomes.

Housing for everyone- choice, diversity, and innovation

Desired outcome: <u>Attractive residential</u> environments and a diverse range of housing <u>options</u> including suitable quantity, location, size, value, tenure, and quality.

#### Issues to be addressed:

- With Linwood being re-zoned for higher density development (subject to PC 14), it is expected that the current rates of redevelopment will continue and potentially increase.
- Good quality residential development in key locations e.g. North Linwood and the Eastgate surrounds will help to shift perceptions of Linwood, boosting the centre's catchment.



#### Medium budget:

- Investigate opportunities for quality high density housing along blue and green networks i.e., a North Linwood connection.
- Partnerships with housing providers (i.e. Otautahi Community Housing Trust). Use advocacy planning- identifying surplus Council land, working with affordable housing providers to investigate future uses with a focus on housing outcomes.
- Explore residential and/or mixed-use development opportunities for the Eastgate site and/or carpark working with the new owners.





# Partnerships & Funding

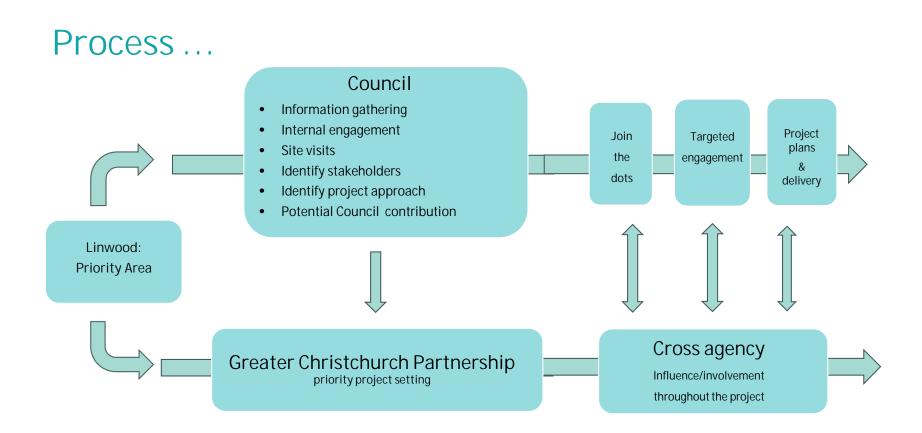
The project will reflect a cross-council and cross-agency collaborative approach & will complement other work in the east.

GCP partners include Te Whatu Ora, Waka Kotahi and Kainga Ora and the complexity of issues in Linwood mean their involvement is important.

- Small budgets
  - 'quick wins' (Council existing budgets) or
  - use of existing investments or planned projects as an opportunity to 'add onto' e.g planned street renewals.
- Larger budgets
  - Big moves may require new capital budget so could be identified via future Long Term Plans











# Next Steps ....

- Feedback from Community Boards
- Brief Council
- Develop project plans for the key themes
- Develop, through engagement, a project action plan, including identification of any 'quicker' win projects.
- Work with the Greater Christchurch Partnership to explore areas for collaborative and aligned mahi.





Questions, ideas and feedback?

