

Nelson City Centre Streets for People

Webinar 4 June 2020

Webinar Panellists

Mayor Rachel Reese Councillor Pete Rainey - Chair of City Centre Working Group

Lisa Gibellini - NCC Team Leader City Development
Alan Gray - NCC City Centre Development Programme Lead
Marg Parfitt - NCC Transport Manager
Paul Shattock - NCC Engagement Lead
Kathryn King - NCC Communications
Simon Duffy - Uniquely Nelson

City Centre Streets for People

Webinar Agenda

Greetings and Introductions

Update on City Centre activities in 2019/20

City Centre Streets for People

- Part 1 The Data Evidence
- Part 2 The Aspiration
- Part 3 The Approach Options for Streets for People

City Centre Parking Operations

Feedback and Engagement Process

Q&A



Introduction and Relevant Experience - Alan Gray



Christchurch City Mall (Cashell and High Street) 2006-08



Auckland Downtown (Quay Street) 2016-18

Placemaking (Tactical Urbanism)



Waitemata Plaza Urban Beach



Queens Wharf Village





Griffiths Gardens - For the Love of Bees

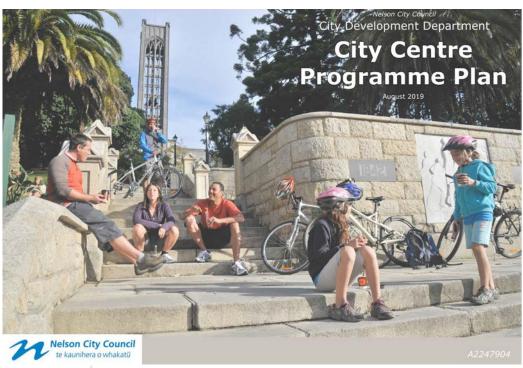


Long Term Plan 2018

Nelson is the Smart Little City "

It is a vibrant place - where we are deeply connected with, and committed to our natural, social and cultural environment. Clever business and innovation help us thrive. We enjoy living fulfilled lives in smart, sustainable communities"

City Centre Programme Plan 2019



Six Key MovesCity Centre Programme Plan



01 Destination Nelson



02 Walkable Nelson



03 Blue-Green Heart



04 Smart Development



05 Liveable Centre



06 Clever Business



NELSON CITY CENTRE PROJECT

City Centre Update - Activities in 2019/20



4 Lanes Festival (August 2019)



Public Life Survey (Winter 2019 and Summer 2020)



Walk the Chalk Level 2 COVID-19 footpath etiquette



Make/Shift Spaces (seed funding)



City Centre Update - Activities in 2019/20



Upper Trafalgar Street Pedestrian Mall declaration



Betts Apartments



City Centre Streetscape Design Standards

Nelson City Council Tactical Urbanism Supplier Panel

Designers

- Arthouse Architects
- Isthmus + Gap Filler
- Resilo Studio + Canopy + Mike Lydon (Street Plans)
- Kumanu Environmental
- Rough and Milne
- Aitken Taylor

Fabricators

- Lee Woodman
- Kernohan Engineering

Furniture Suppliers

- ParkLife
- Mouldings Unlimited (PlaceKit)

Contractors

Nelmac





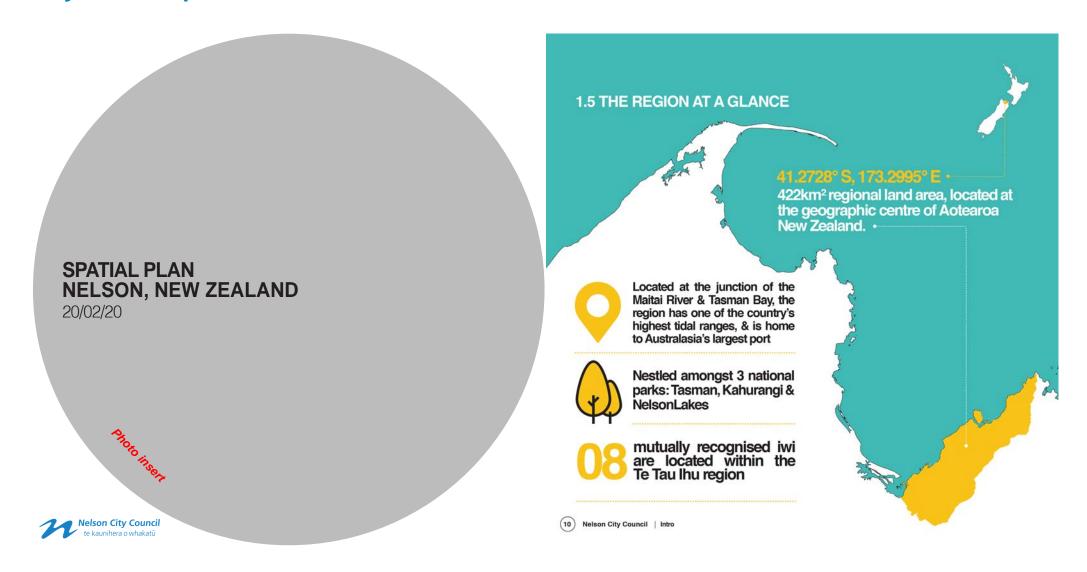
Riverside Youth POP-Up Park





Placemaking trials in Upper Trafalgar Street

City Centre Spatial Plan Refresh 2020





Six Key Moves

City Centre Programme Plan 2019





















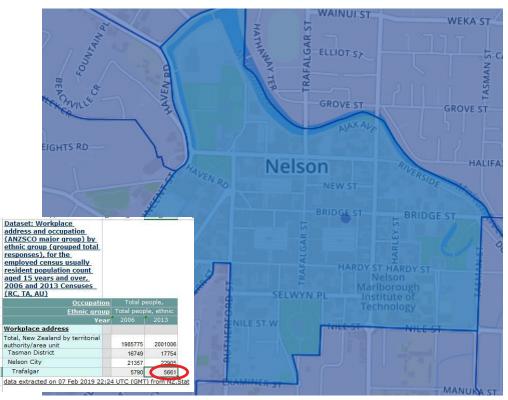








City Centre Workers and Residents



City Centre Worker Population - 5700 Stats NZ (NZ Census 2013)



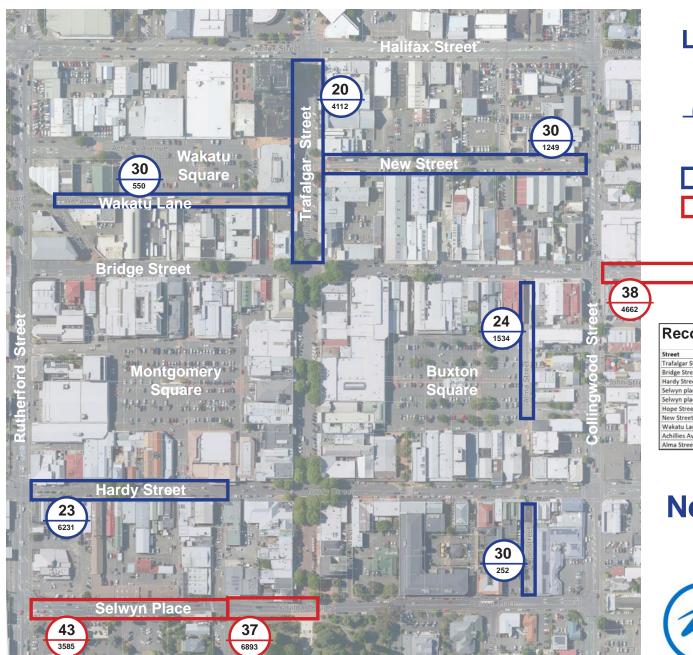
City Centre Resident Population - 1500

1 kilometre radius mid-Trafalgar Street

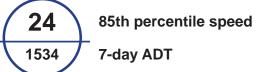
NCC GIS and Stats NZ (NZ Census 2013)



City Centre Safe Vehicle Speeds



LEGEND





Recorded Data (2019)							
Street	Intersections	7 day ADT		85th P	ercentil		date
Trafalgar Street	Halifax - Bridge	4112	North	20 km/h	South	20 km/h	Jun-19
Bridge Street	Collingwoood - Harley	4662	East	39 km/h	West	37 km/h	Aug-19
Hardy Street	Rutherford - Church	6231	East	22 km/h	West	23 km/h	Oct-19
Selwyn place	Church - Rutherford	3585	East	42 km/h	West	43 km/h	Apr-19
Selwyn place	Trafalgar - Church	6893	East	37 km/h	West	36 km/h	Aug-19
Hope Street		252	North	30 km/h	South	29 km/h	Sep-19
New Street		1249	East	32 km/h	West	29 km/h	May-19
Wakatu Lane		550	East	32 km/h	West	28 km/h	Apr-19
Achillies Ave		2010	East	26 km/h	West	28 km/h	Nov-18
Alma Street		1534	North	23 km/h	South	24 km/h	Apr-19

Nelson City Centre Speed Data



Nelson Public Life Survey

SURVEY LOCATIONS

Survey locations were selected to accurately capture the typical movements of daily life within the greater city centre.

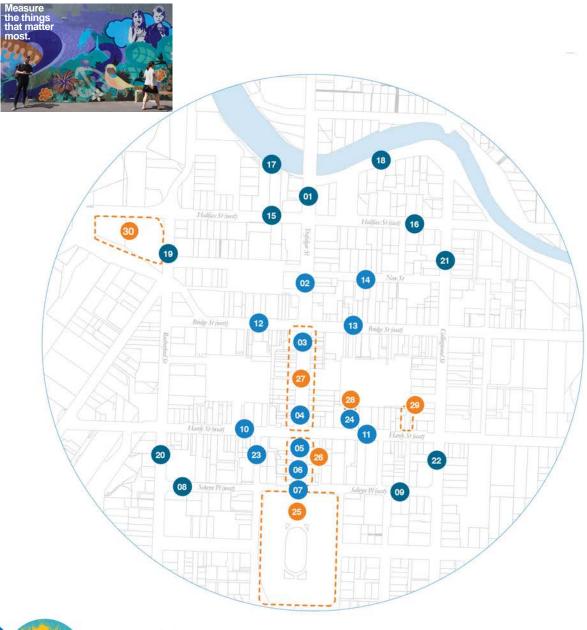
Pedestrian Activity Pedestrian & Bicycle Activity

- 01 Trafalgar St 1
- 02 Trafalgar St 2
- 03 Trafalgar St 3
- 04 Trafalgar St 4
- 05 Trafalgar St 5
- 06 Trafalgar St 6
- 07 Pikimai/Church Hill
- 08 Selwyn Place West
- 09 Selwyn Place East
- 10 Hardy St West
- 11 Hardy St East
- 12 Bridge St West
- 13 Bridge St East
- 14 New Street
- 15 Halifax St West
- 16 Halifax St East
- 17 Maitai River West
- 18 Maitai River East
- 19 Rutherford St North
- 20 Rutherford St South
- 21 Collingwood St North
- 22 Collingwood St South
- 23 Church St
- 24 Old Bank Lane



Staying Activities

- 25 Pikimai/Church Hill
- 26 Upper Trafalgar St
- 27 Middle Trafalgar St
- 28 Old Bank Lane
- 29 Alma Lane
- 30 Anzac Park





AT A GLANCE WINTER



98,532

PEDESTRIAN MOVEMENTS REGISTERED ACROSS TWO SURVEY DAYS







21% MORE FOOT TRAFFIC ON A SATURDAY THAN A THURSDAY

TRAFALGAR STREET FOOT TRAFFIC ACCOUNTS FOR 45% OF ALL REGISTRATIONS







46%

OF ALL REGISTERED FOOT TRAFFIC THROUGHOUT THE SATURDAY SURVEY OCCURS BETWEEN 10AM & 1PM



PEDESTRIAN ACTIVITY AT A GLANCE SUMMER

THE THE THE THE

140,274

COMBINED PEDESTRIAN MOVEMENTS REGISTERED ACROSS BOTH SURVEY DAYS







63,426
WEEKDAY
MOVEMENTS

76,848
SATURDAY
MOVEMENTS



21% MORE FOOT TRAFFIC ON A SATURDAY THAN A THURSDAY

TRAFALGAR STREET FOOT TRAFFIC ACCOUNTS FOR 52% OF ALL REGISTRATIONS



















FOOT TRAFFIC AFTER 6PM IS CONSISTENT ON BOTH SATURDAYS AND WEEKDAYS



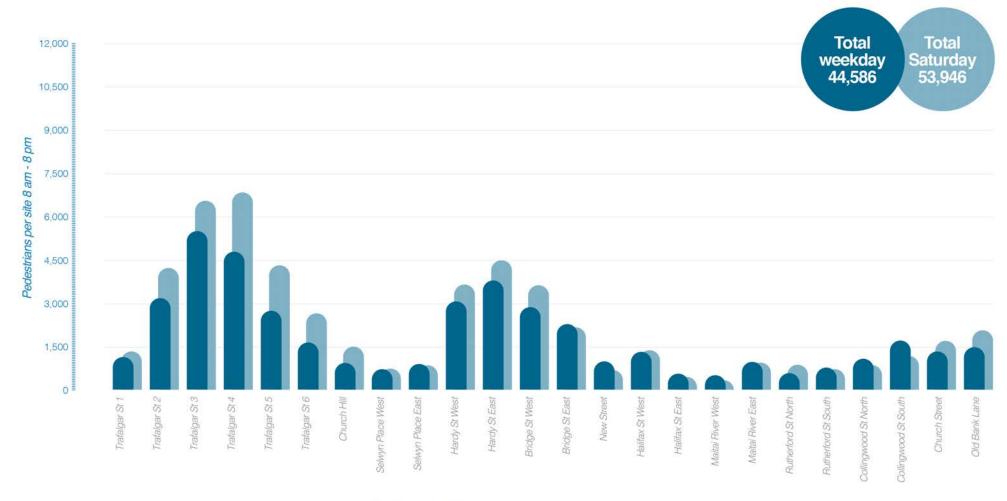




NELSON CITY CENTRE PROJECT

PEDESTRIAN ACTIVITY PER SITE / WINTER

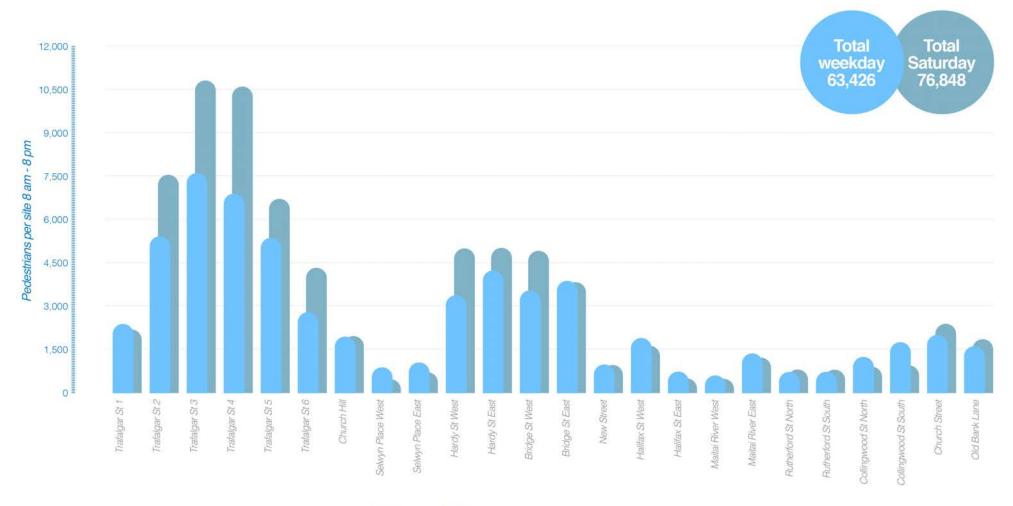
Total pedestrian movements registered Thursday the 29th and Saturday the 24th August 2019





PEDESTRIAN ACTIVITY PER SITE / SUMMER

Total pedestrian movements registered Tuesday the 25th and Saturday the 29th February 2020



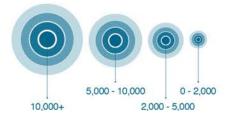


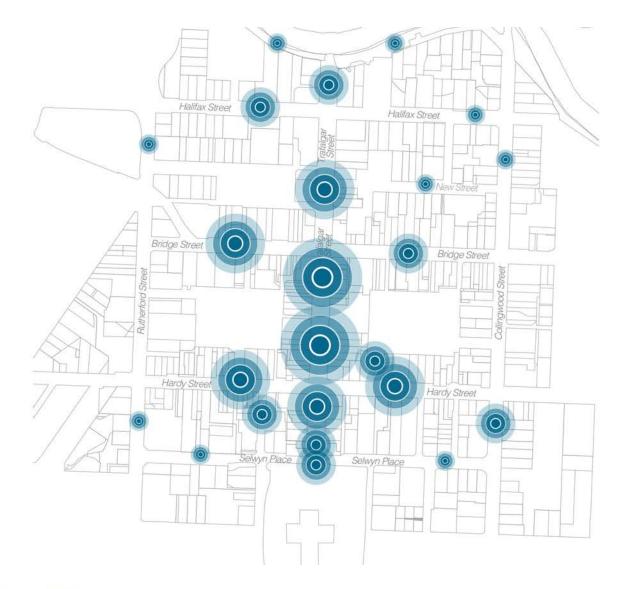
HOT SPOTS / WINTER

The table below, and adjacent diagram, reflect areas of pedestrian activity within the winter survey area

# Sit	e	Weekday	Saturday	Total	%
03 Tra	afalgar St 3	5490	6534	12024	12%
	afalgar St 4	4776	6822	11598	12%
11 Ha	irdy St East	3780	4482	8262	8%
	afalgar St 2	3168	4218	7386	7%
	afalgar St 5	2730	4308	7038	7%
	ardy St West	3054	3642	6696	7%
	idge St West	2856	3618	6474	7%
	idge St East	2268	2160	4428	4%
	afalgar St 6	1632	2646	4278	4%
	d Bank Lane	1470	2058	3528	4%
23 Ch	nurch St	1320	1692	3012	3%
22 Cc	ollingwood St South	1698	1170	2868	3%
	difax St West	1308	1368	2676	3%
01 Tra	afalgar St 1	1128	1326	2454	3%
	imai / Church Hill	924	1494	2418	3%
	ollingwood St North	1068	858	1.926	2%
	aitai River East	960	936	1896	2%
09 Se	wyn Place East	888	846	1734	2%
	w Street	978	684	1662	2%
20 Ru	therford St South	762	714	1476	1%
	lwyn Place West	708	732	1440	1%
	therford St North	570	864	1434	1%
16 Ha	lifax St East	552	444	996	1%
17 Ma	aitai River West	498	330	828	1%
Tot	tal	44,586	53,946	98,532	100%

LEGEND





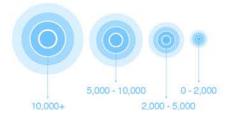


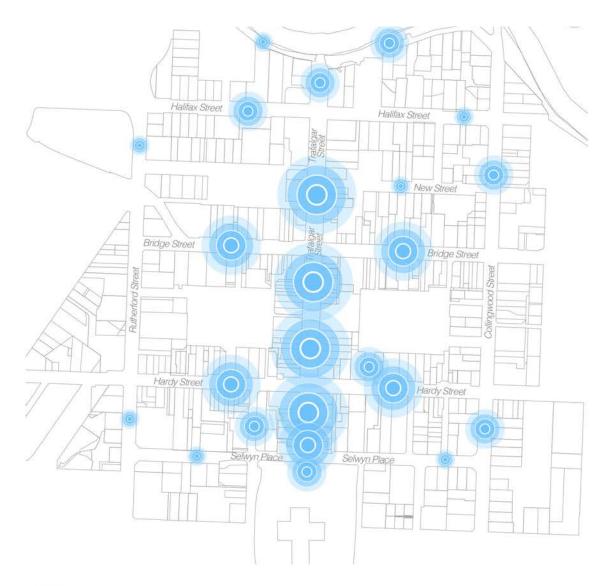
HOT SPOTS / SUMMER

The table below, and adjacent diagram, reflect areas of pedestrian activity within the summer survey area

#	Site	Weekday	Saturday	Total	%
03.	Trafalgar St 3	7626	10824	18450	13%
04.	Trafalgar St 4	6912	10614	17526	12%
02	Trafalgar St 2	5436	7560	12996	9%
	Trafalgar St 5	5382	6726	12108	9%
	Hardy Street East	4254	5028	9282	7%
12	Bridge St West	3564	4926	8490	6%
10.	Hardy St West	3396	5010	8406	6%
	Bridge St East	3894	3840	7734	6%
	Trafalgar St 6	2808	4338	7146	5%
	Trafalgar St 1	2400	2202	4602	3%
	Church St	2022	2400	4422	3%
07	Pikimai / Church Hill	1962	1974	3936	3%
15.	Halifax St West	1914	1638	3552	3%
24	Old Bank Lane	1632	1866	3498	2%
22.	Collingwood St South	1770	960	2730	2%
	Maitai River East	1380	1230	2610	2%
21	Collingwood St North	1260	912	2172	2%
14	New St	996	972	1968	1%
09.	Selwyn Place East	1068	720	1788	1%
20.	Rutherford St South	744	810	1554	1%
19	Rutherford St North	738	816	1554	1%
08.	Selwyn Place West	900	480	1380	1%
16	Halifax St East	750	510	1260	1%
17.	Maitai River West	618	492	1110	1%
	Total	63,426	76,848	140,274	100%

LEGEND







STAYING ACTIVITIES AT A GLANCE WINTER

351 REGISTERED ACTIVITIES





SITTING IN CAFES
IS THE NUMBER ONE
REGISTERED STAYING
ACTIVITY ACROSS BOTH
SURVEY DAYS



105

THE NUMBER OF WEEKDAY
STAYING
ACTIVITIES
RECORDED

246

SATURDAY
STAYING
ACTIVITIES
RECORDED



LESS THAN 3 PERCENT OF REGISTERED ACTIVITIES INCLUDE CHILDREN AT PLAY



SITTING OR LYING ACCOUNTS FOR 54% OF ALL REGISTERED ACTIVITIES

ACTIVITY PEAKS
WEEKDAYS:12PM & 4PM
SATURDAYS:12PM-2PM





STAYING ACTIVITIES AT A GLANCE SUMMER

1,817 REGISTERED ACTIVITIES





671

NUMBER OF REGISTERED WEEKDAY STAYING ACTIVITIES 1146

NUMBER OF REGISTERED SATURDAY STAYING ACTIVITIES







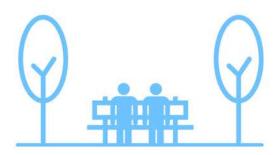
LESS THAN 0.05% OF ACTIVITIES REGISTERED INCLUDED CHILDREN AT PLAY



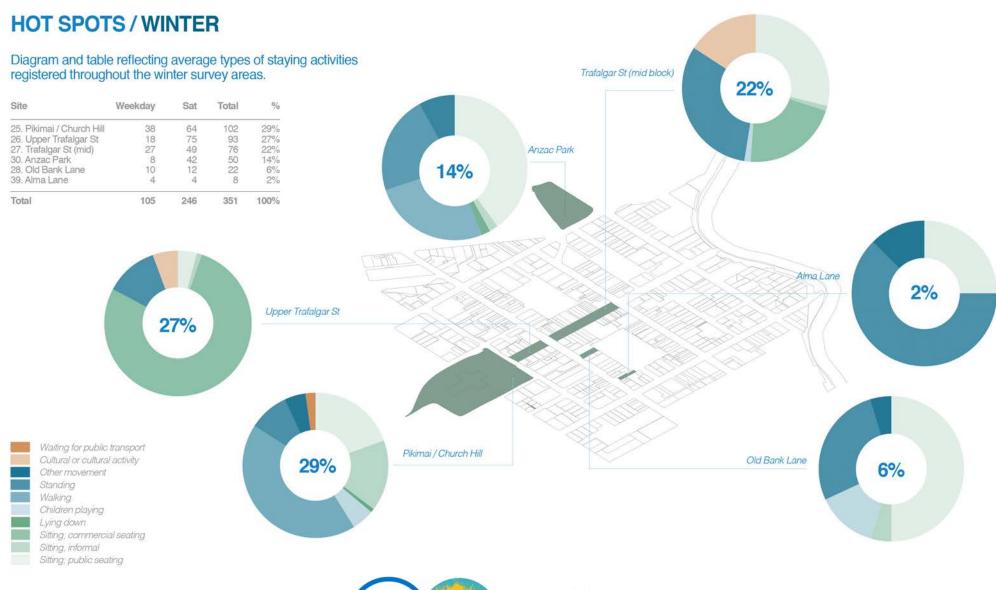


ACTIVITY PEAKS

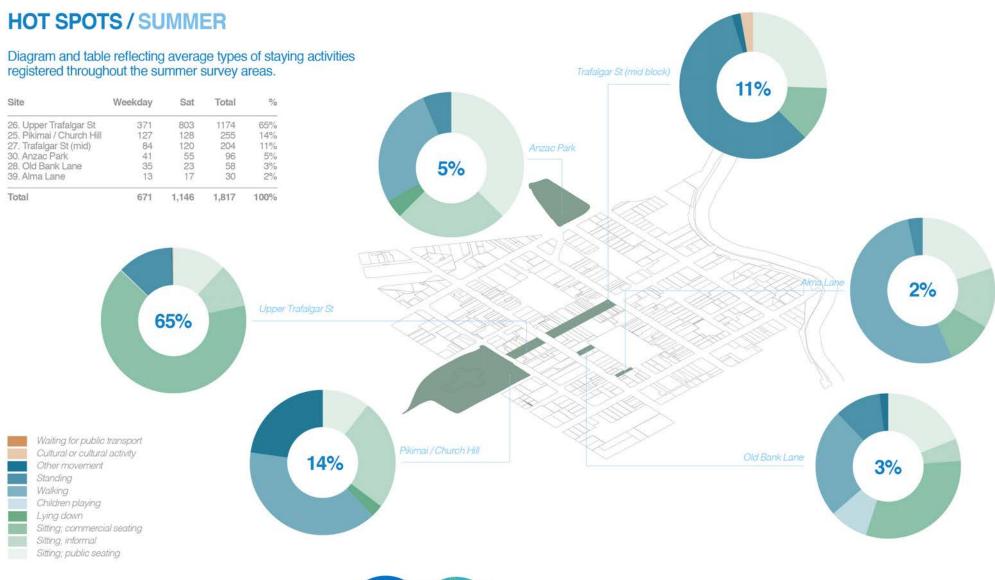
WEEKDAYS:6PM-8PM SATURDAYS:12PM-2PM



SITTING IN PUBLIC OR COMMERCIAL SEATS ACCOUNTS FOR 71% OF ALL REGISTERED ACTIVITIES









OUTDOOR DINING AT A GLANCE WINTER

376

THE NUMBER OF KERBSIDE CAFE CHAIRS ON OFFER WITHIN THE SURVEY AREA.

£ 190

NO. OF REGISTERED PATRONS THURS/SAT10AM,12PM&2PM

THIRTY FIVE

CAFES, RESTAURANTS AND BARS WITH AL FRESCO SEATING OPTIONS WITHIN THE SURVEY AREA



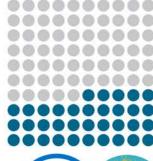




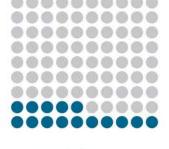


35% SEATING OCCUPANCY SATURDAY

15% SEATING OCCUPANCY WEEKDAY







NELSON CITY CENTRE PROJECT

WEEKDAY REGISTRATIONS BY PERCENTAGE OVER TIME

20%10:0051%12:0029%14:00

SATURDAY REGISTRATIONS
BY PERCENTAGE OVER TIME

36%	10:00
34%	12:00
000/	14.00



30%

MORE REGISTRATIONS ON A SATURDAY THAN A THURSDAY

OUTDOOR DINING AT A GLANCE SUMMER

607

THE NUMBER OF KERBSIDE CAFE CHAIRS ON OFFER WITHIN THE SURVEY AREA.

NO. OF REGISTERED PATRONS TUES/SAT 10AM, 12PM & 2PM

THIRTY SIX

CAFES, RESTAURANTS AND BARS WITH AL FRESCO SEATING OPTIONS WITHIN THE SURVEY AREA

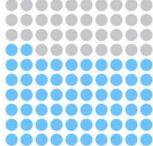


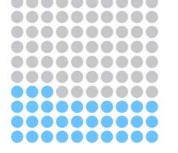






62% SEATING OCCUPANCY SATURDAY 33% SEATING OCCUPANCY WEEKDAY







NELSON CITY CENTRE PROJECT WEEKDAY REGISTRATIONS
BY PERCENTAGE OVER TIME

24.5% 10:00

41% 12:00

34.5% 14:00

SATURDAY REGISTRATIONS BY PERCENTAGE OVER TIME

19% 10:00

47% 12:00

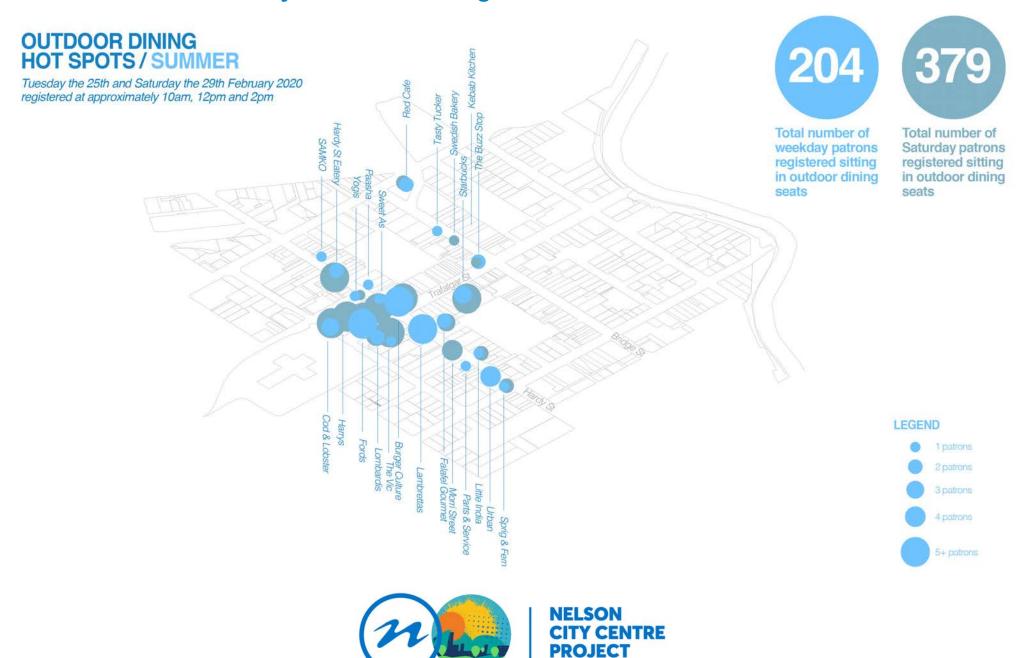
34% 14:00



85% MORE
REGISTRATIONS
ON A SATURDAY
THAN A TUESDAY



PROJECT



Nelson Public Life Survey - Age and Gender

AGE & GENDER AT A GLANCE WINTER



58%
OF WEEKDAY USERS
ARE FEMALE







2,254 PEDESTRIAN SAMPLE SIZE

UNDER FIVES REPRESENT LESS THAN THREE PERCENT OF ALL REGISTRATIONS IN THE CBD BETWEEN 10AM & 2PM





55% OF SATURDAY USERS ARE MALE

OVER 65'S ACCOUNT FOR 17% OF ALL SATURDAY USERS AFTER DARK

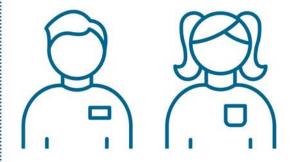




60% MORE

REGISTRATIONS FOR OVER 65's DURING THE

WEEK THAN THE WEEKEND



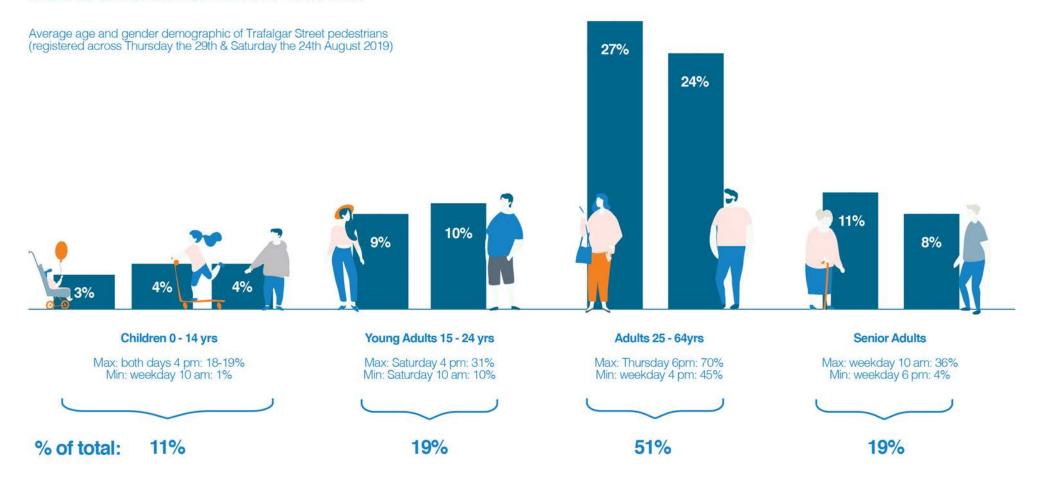
YOUTH & YOUNG ADULTS (5-14YRS) EQUATE TO 12% OF SATURDAY COUNTS & 7% OF WEEKDAY COUNTS



NELSON CITY CENTRE PROJECT

Nelson Public Life Survey - Age and Gender

AGE & GENDER SPREAD / WINTER





Nelson Public Life Survey - Summary

Key Public Life Survey data findings in Nelson

- 142% increase in peds in summer; the weekday and Saturday differences are the same for winter and summer (21% more on Saturday)
- Average daily winter pedestrian movements is ~50,000. In summer it is ~70,000 a day.
- Trafalgar Street accounts for more than half of all City Centre summer ped movements (52%)
- 175% increase in cycle use in summer
- +5x increase in ped staying activities over summer
- The activations in Upper Trafalgar St increased from 93 (winter when street was open to vehicles) to 1174 (summer with road closed and initial turf and picnic tables placemaking in place)
- Still very low recorded children numbers



Data delivering results - Riverside Youth POP-Up Park (temporary placemaking)



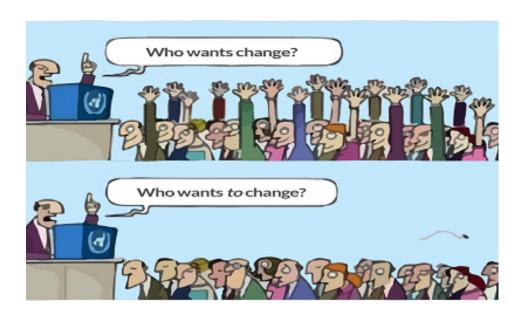




Challenges





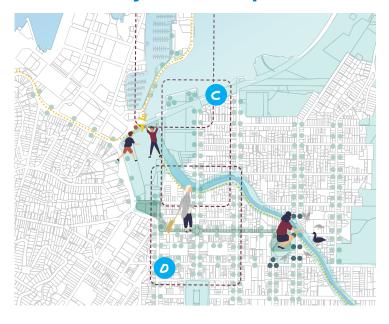


Challenges

- Footpaths are busy and focused on movement
- Some people will feel anxious and uncomfortable
- Development and construction will further impact this
- Change is not easy we need to work together
- There are funding opportunities and test placemaking outcomes for Nelson's future



Nelson City Centre Spatial Plan 2020



Spatial Plan approach

- Linking City Centre to water and hills
- People-focused
- Building resiliency for climate change
- Celebrates Nelson's unique identity (river, heritage, locals art culture, Halo and biodiversity)
- Re-focusing public realm priorities to balance movement and place
- Creating more people places to linger longer; activating the city to Stop Stick Stay & Spend









BRDGE STREET / SOUTH RE, AND KAKA

Basin mediatain (Smith, 1786)

Order Patterbarren
Feelly, Strippolitie
New Basinet State Colories
Conservation states. Personny









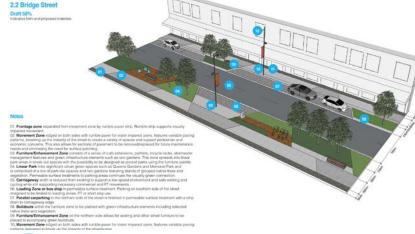
Surface mounted, formed concrete bench seat element. Self levelling feet protect extree roots, provide much needed seating and reduce ting hazards within the foot path environment. Generally specific to Trataligar St and interfacing intersections.



Connecting Anzac Park to the west, and Queens Gardens to the east, Bridge Street is re-imagined as a Linear Park, affording much need open space for residents and users of the city centre, enhancing biodiversity and supporting a sustainable approach to stormwater management.



04. Queens Gardens





Aspiring City Centres Approaches



Byron Bay NSW (pop. 10,000) - quirky/iconic city centre response to an outstanding environmental destination



Bedford, Ohio (pop. 13,000) - enhancing cultural heritage via complimentary streetscape



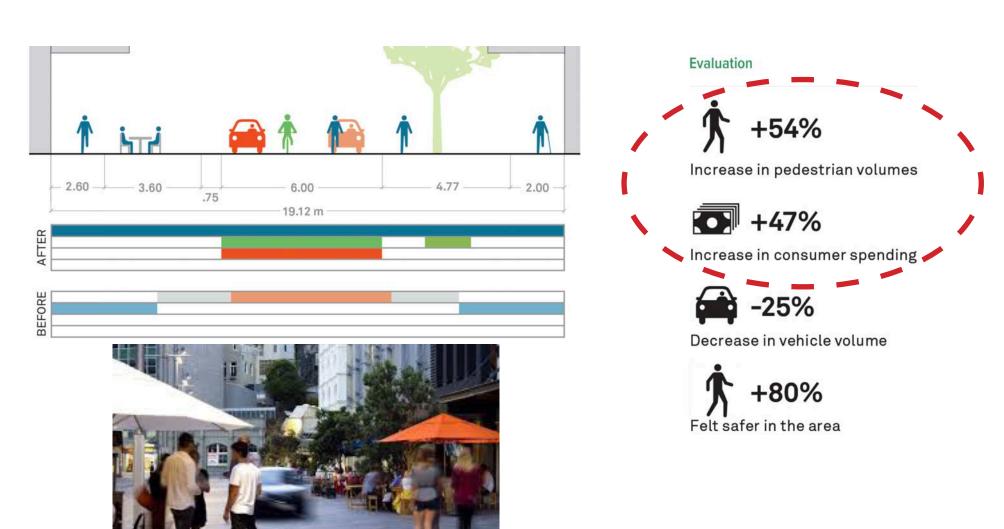
Cuba Street Mall, Wellington NZ - street celebrating people, events and art



Nuffield Street, Newmarket Auckland NZ - footpath widening creates life on street



City Centre Benefits to Widened Footpaths - Fort Street Auckland



Fort Street shared space Auckland NZ



Placemaking (Tactical Urbanism)

Not this...







...but THIS



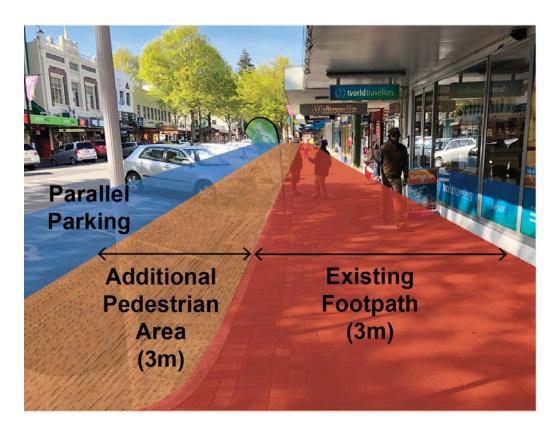
Placemaking Trials

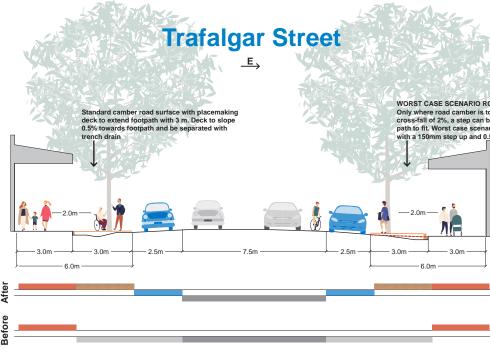
Placemaking categories:

- Pop-Up: weekend or weeklong trial
- Pilot: weeks or a couple month trial
- Semi-permanent: trial lasting months to years
- Trafalgar Street desire for higher quality outcomes
- Installation of placemaking footpath extensions with minimal disruption to existing footpaths in front of shops and businesses
- Trial requires Monitoring, Coordination with businesses and users, Evaluation



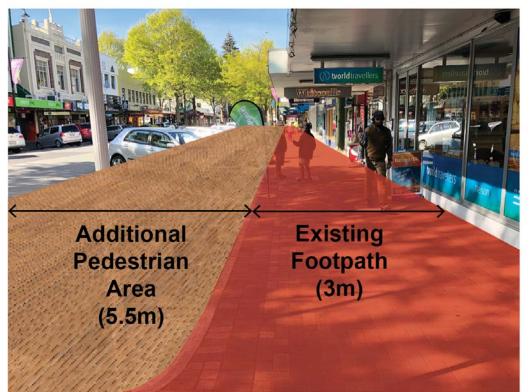






Trafalgar Street - Option 1
West side footpath (pictured) - 6m width
East side footpath width - 6m width
Angled parking realigned to parallel (both sides)







Trafalgar Street - Option 2

West side footpath (pictured) - 8.5m width East side footpath width - 8.5m width On-street parking removed (both sides)





Trafalgar Street - Option 3 Pedestrian Mall Trafalgar Street from Halifax to Hardy Street - emergency and managed service access permitted Similar to current vehicle closure on Upper Trafalagar Street







Nelson City Centre Streets for People - Bridge and Hardy Streets (Trafalgar St Options 1-3)



Bridge Street - Options 1, 2, 3
South side footpath - 6m width
Deliveries, loading, food pick-up and mobility
parking priority on North Side of Bridge



Hardy Street - Options 1, 2, 3
South side footpath - 6m width
Deliveries, loading, food pick-up and mobility
parking priority on North Side of Hardy







Trafalgar Street - Option 4

Retain the current configuration of footpaths and car parking No improvement to the amenity, safety and walkability of the city centre. No additional spending is required for Option 4.

Option 4 would not qualify for funding from the Government's *Innovating Streets for People* fund.



Nelson City Centre Streets for People - Materiality

Potential Footpath Treatment
Temporary Raised Timber Deck on
modular metal frames



Edge Delineation PlaceKit modules for seating and planting



Mini-Parklets
Placemaking insertions
for outdoor dining



Delivery ZonesManaged spaces for loading & delivery (Opt 3)



Ground GraphicsSafer intersection
treatments (Opts 1-3)





Case Study - High Street Auckland

- 315m of street upgrade for \$600k (\$16m in LTP)
- 42 carparks closed, replaced with footpath
- Loading and servicing doubled
- 15% of budget for stakeholder engagement (65m pilot project) -
- 5% of budget on design (materials simplified, manage for replication and scaling up)
- 10-year design lifespan for footpath extensions
- Placemaking trial approach helps users learn new habits before full renewal
- 7-month process
- Invaluable city engagement process

Role of developing authentic relationships with the community you're working with is crucial - the people who best know the street: peds, property & business owners, customers, couriers and tradespeople - to help come up with ideas.

This process is led by **User Experience**, with Collaboration as a core principle.

The community are leaders when it comes to understanding their place, and simply need Council as facilitators and technical experts.

Co-Design sessions encouraged the *cultivation of conflict* to make sure that all of the users knew what others were facing. These sessions empowered everyone to work with their neighbours and their technical experts to design their place.





Case Study - High Street Auckland



Some of Unity Books' staff in front of the store

Hooray the widened footpaths have finally reached us! We've been waiting for all the extra room for our book loving customers to stare at our beautiful windows without jostling for space.

Jo McColl, Unity Books Co-Owner/Manager

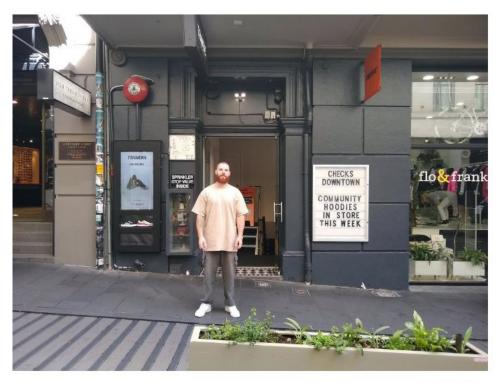
I'm a massive fan of the idea of expanding the footpath a bit more - for ourselves and the other people who use the street, like tourists. It's always good to not have to be super conscious of dodging people on the footpath. We already have a permanent wide footpath outside our store, now with the new extensions the street will have a really nice continuous look.

Tommy Tung, Alchemy Equipment

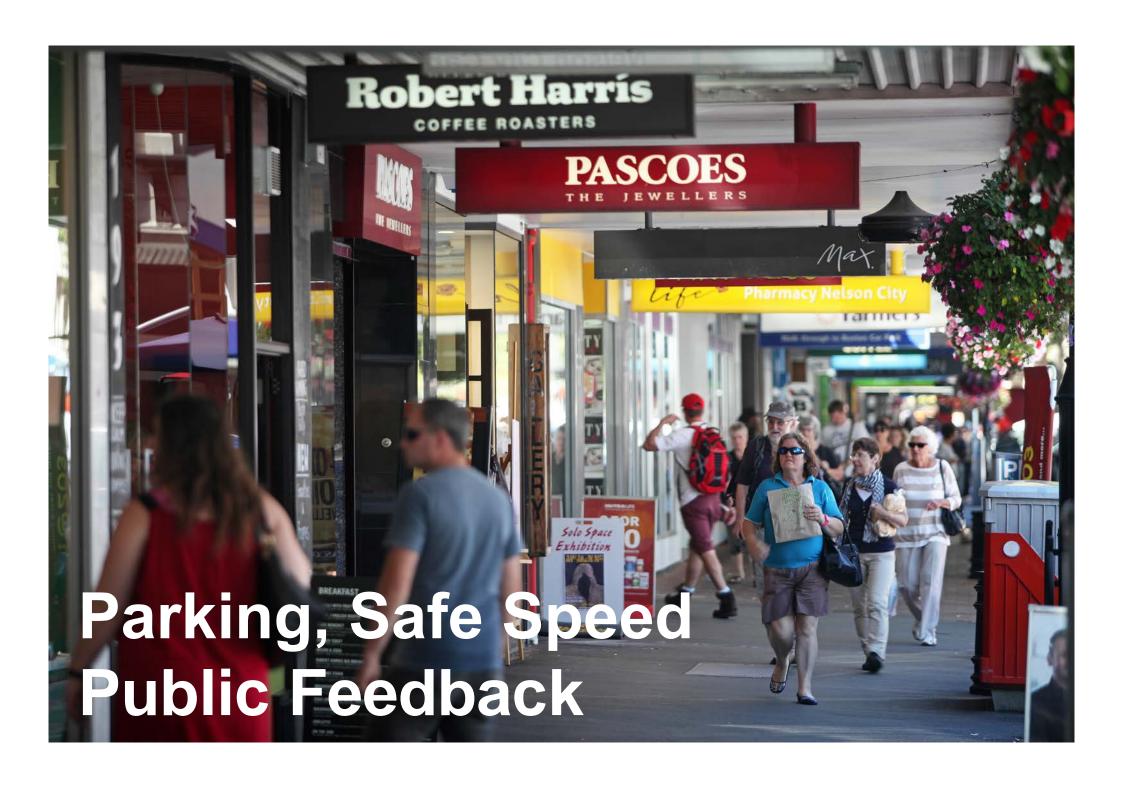
Feedback from the High Street District community has been supportive so far.

I was apprehensive initially about the changes; I was sure lots of our customers parked near our store so was dubious about the impact of having fewer car parks outside. Then immediately, the first day of having wider footpaths, we had people come into the store who had walked past every day without noticing us. Suddenly people had more room to look at what was around them; they could stop without somebody bumping in to them. I was happy to be proven wrong.

Beau Jeffries, Manager/Buyer, Trainers



Beau Jeffries, Trainers



Nelson City Centre - Improved Parking Operations







Nelson City Centre - Improved Parking Operations



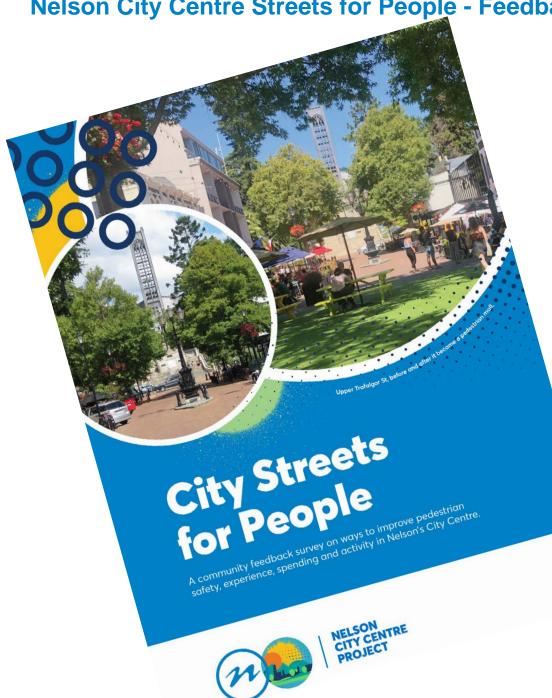




Nelson City Centre - Safer Speed Initiative



Nelson City Centre Streets for People - Feedback Process

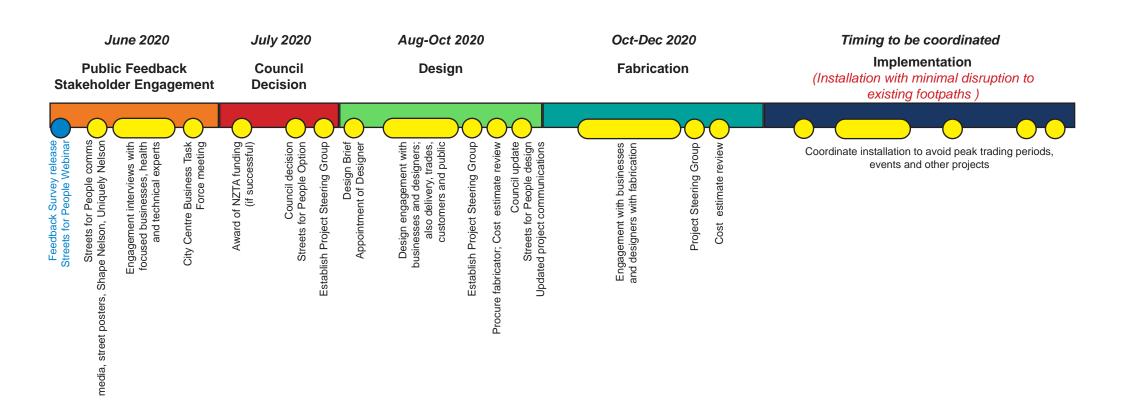




Process & Timing

- Public Feedback Opens 2 June Closes 26 June
- Council decision in July
- Council has identified provisional funding for 20/21
- Government funding successful Council recipients announced in late June
- Any potential placemaking pilot implemented late 2020 - early 2021

Nelson City Centre Streets for People - Indicative Timeline







Question and Answer Session

Nelson City Centre Streets for People Webinar 4 June 2020

