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Auckland's New Bus Shelter Designs

Tell us what you think

Auckland Transport



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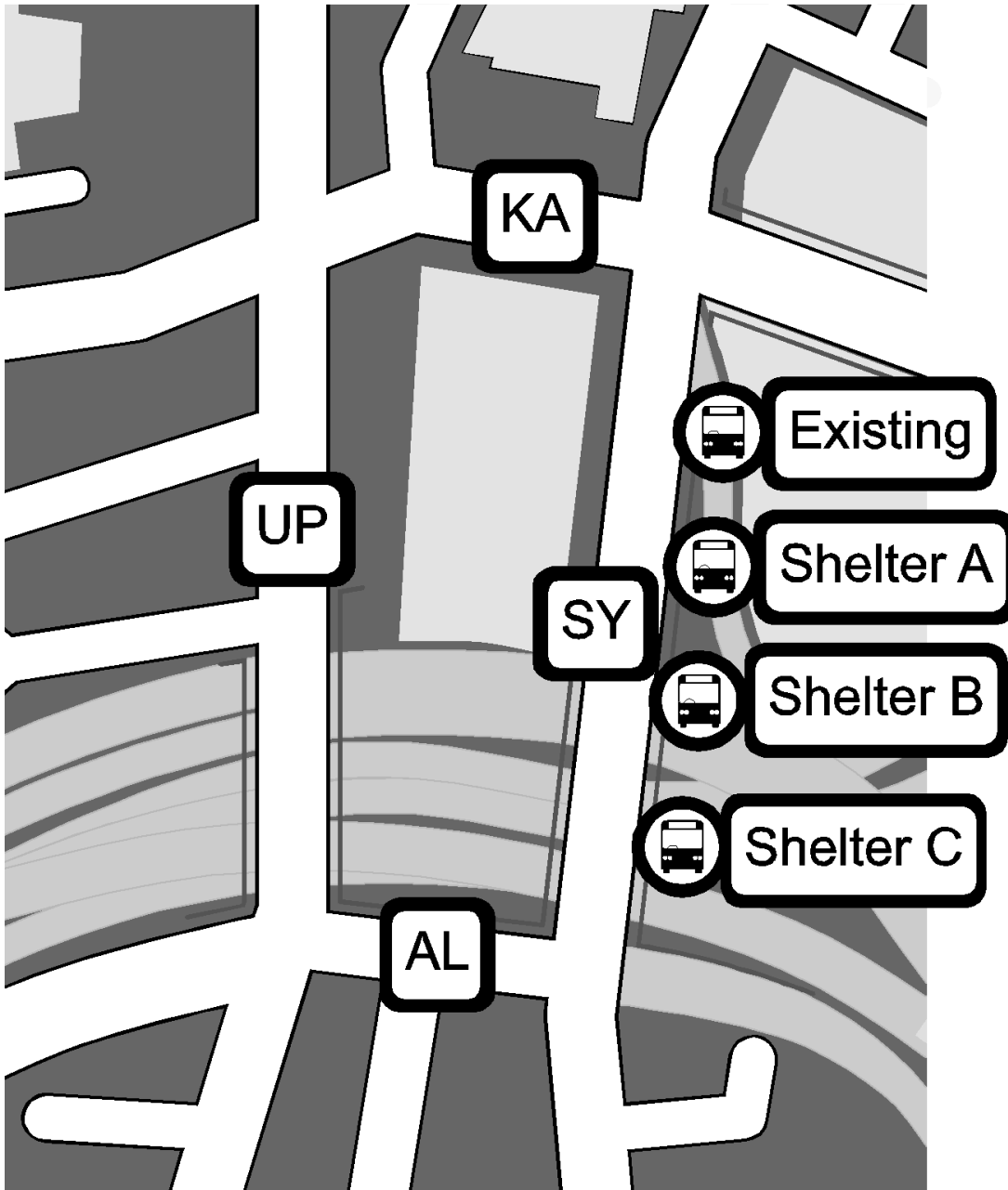
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Auckland's New Bus Shelter Designs

Auckland Transport is rolling out a new bus shelter design across Auckland. Check out the three prototypes being trialled on Symonds Street in the city. You can provide feedback on the shelters until 22 August 2014.

Your feedback will be used to improve the shelters and will form one of several criteria which they will be assessed against when selecting the new bus shelter design (or designs) for Auckland.

Auckland Transport is also using the trial as a chance to assess how the shelters perform against other criteria, such as value for money, durability, and ease of construction.



Key to the large print map:

KA: Karangahape Rd

SY: Symonds St

AL: Alex Evans St

UP: Upper Queen St

Existing: Existing shelter to remain



Shelter A



Shelter B



Shelter C

Why do we need a new bus shelter for Auckland?

There are several reasons why Auckland Transport is developing a new bus shelter design:

- To make shelters safer, more comfortable and easier to use.
- To attract more public transport users.
- To create a more recognisable public transport network. Currently there are 20 different styles of bus shelter across Auckland.
- To create a flexible design that can be varied in size and layout to adapt to different physical settings and passenger numbers.
- To reduce maintenance costs. By creating a consistent design we reduce the number of parts required for maintenance, and therefore reduce costs.

The bus shelter prototypes

Over the page are some images and further information about each of the prototype designs. The shelter configurations illustrated are for Minor Stops, Major Stops, and Neighbourhood Interchanges, however many more configurations are possible.

The shelters on Symonds Street are all constructed at Major Stops.

Shelter A



Minor



Major



Neighbourhood

Materials

- 100% recycled, aircraft grade aluminium structure
- Solar panels power the lighting and Ad Box
- NZ grown, sustainable plantation hardwood
- Backlit Ad Box offers opportunity to display local art or create revenue to subsidise public transport

Look & Feel

- Designers sought to capture the look of the Kiwi bach
- Indoor and outdoor spaces
- Artwork can be carved into wooden support beam on all shelter designs
- Can integrate or retrofit kiosks, bike racks, rubbish bins, digital or static signage
- Modular system allows configuration to reflect local settings
- Different materials can be used to reflect local settings

Durability

- High grade aluminium that cannot rust
- Easy maintenance of timber components
- Anti-graffiti powder coating
- Bolt structure can be easily relocated
- Non-welded connections allow easy replacement of parts if damage occurs

Physical accessibility

- Large entrances and wheelchair bays
- Outdoor space section provides easy access
- Flexible configuration to maximise accessibility requirements

Safety

- Full height glass on all side panels provides clear visibility of oncoming people and buses
- Dual entrances prevent entrapment
- Glass front panels for maximum visibility
- Motion activated solar powered LED lighting

Shelter from weather

- Glass front panels and solid walls keep users dry
- Slatted outdoor walls allow airflow to keep users cool in summer
- UV blocking film on glass for sun protection
- Insulated roof provides shade and keeps shelter cool in summer

Shelter B



Minor



Major



Neighbourhood

Materials

- Steel and toughened glass for safety and visibility
- Sustainably sourced timber seats for warmth and comfort

Look & Feel

- Described by the designers as simple yet distinctive architecture
- Modular system allows configuration to reflect local settings
- Transparent and open minimising visual clutter on the street

Durability

- Steel, hardwood timber and toughened glass will stand up to the elements

Physical accessibility

- Flexible configuration to maximise accessibility requirements

Safety

- Transparent and well lit
- Dual entrances prevent entrapment

Shelter from weather

- Optimised depth and height of the shelter for best possible protection from the elements

Shelter C



Minor



Major



Neighbourhood

Materials

- Durable, readily available and cost effective materials (aluminium, timber, and glass)
- Timber furniture adds warmth for user comfort
- Use of recyclable aluminium and timber
- Daylight sensors to reduce lighting power consumption

Look & Feel

- Shelter form and the use of colour make the shelter easy to identify from a distance and create a recognisable icon for the bus network
- Shelter can be customised by adding features such as solid roof panels, mesh wall panels, solar lighting, interactive screens, kiosks, bike racks and bins
- Vertical signage panels provide solidity and display information, branding or art
- Modular system allows configuration to reflect local settings

Durability

- Powder coated aluminium structure will not rust
- Timber is easily maintained
- Glass and solid panels are covered with anti-graffiti coating

- Engineering and manufacturing techniques maximise the lifespan of the shelter and minimise the amount of materials used
- Laminated and toughened glass minimises the risk of broken glass

Physical accessibility

- Several waiting 'zones' provide different shelter and seating options e.g. space for standing, sitting, leaning, wheelchairs/pushchairs
- Information placement, the use of colour and pavement treatments, the set back from the kerb and the clean shelter shape improve the accessibility of the shelter for all users
- Flexible configuration to maximise accessibility requirements at different sites

Safety

- Dual entry/exit points prevents entrapment
- Day/night lighting sensors
- Glass panels create an open, light filled waiting space with clear visibility for all users
- Laminated and toughened glass minimises the risk of injury from broken glass

Shelter from weather

- Roof height, angle and overhang maximise weather protection

- Glass front, end and mid panels provide protection from wind and rain
- Solid roof panels and UV resistant roof graphics reduce heat and glare from the sun

What are we seeking feedback on?

For the purpose of this consultation we are seeking feedback on the three shelters constructed on Symonds Street.

It would be great if you visit all three of the shelters and provide feedback on the following aspects of the design:

- Weather protection
- Comfort
- Physical accessibility
- Safety
- Visual attractiveness

Feedback will be used to improve the shelters and will form one of several criteria which they will be assessed against when selecting the new bus shelter design (or designs) for Auckland.

In addition Auckland Transport will also assess the designs against other criteria such as value for money, durability, and ease of construction.

When will the new bus shelter(s) be rolled out across Auckland?

The new bus shelter design (or designs) will start to be rolled out across Auckland in late 2014. The rollout will be gradual and ongoing. The priority for the rollout of the bus shelter will be on key/frequent routes in the new public transport network and existing shelters in poor condition.

Recognising local settings

It is recognised that the final design(s) may not necessarily be suitable for every setting in Auckland. As such we are looking at ways in which the design can be adapted to reflect the local environment and character, including:

- Attaching to, or inscribing art work on the shelter
- Constructing the shelter out of materials that reflect local character

Some locations such as those with notable heritage character may require a bus shelter that is specifically designed for that location.

How can I provide feedback?

We welcome your feedback by 4pm Friday 22 August 2014, by:

- Completing the online feedback form at www.AT.govt.nz/busshelter

- Filling out the attached freepost feedback form and sending it back
- If you are visually impaired or have difficulty completing the forms, you can call us on 09 366 6400 and our call centre staff can complete the form on your behalf.

How do I get further information?

- Call us on 09 366 6400
- Visit our consultation webpage at www.AT.govt.nz/busshelter

What happens after consultation closes?

We will prepare a consultation report that will be available to all submitters and the public.

Feedback Form

If possible please go to www.AT.govt.nz/busshelter to provide your feedback. If you fill out this form please return it by **4pm Friday 22 August 2014**

Transcriber's Note: The form fields have been omitted. Please provide your feedback via the website or phone the Auckland Transport contact centre on 09 366 6400.

Question 1 (tick all that apply)

Which Bus Shelters are you providing feedback on?

Shelter A / Shelter B / Shelter C

Question 2

Have you been to the site in person?

Yes (go to question 3) / No (go to question 5)

Question 3 (tick the most relevant)

What time of day did you visit the shelter?

day time / night time

Question 4

What was the weather like at the time you visited the Shelters?

Overhead conditions (tick the option that best applies)

sunny / cloudy / mix of sun and rain / light rain / heavy rain

Wind (tick the option that best applies)

no wind / light winds / strong winds

Transcriber's Note: In the print, Questions 5–7 contain tables that ask you to rate a range of factors on a scale of 0–10, with 0 being poor and 10 being excellent. There is also the option of NA/Unsure. The tables have been omitted. The factors have been listed.

Question 5 – Shelter A

How would you rate the bus shelter for each of the following?

Weather protection:

Comfort:

Physical accessibility:

Safety from crime (I feel safe in this bus shelter):

Visual attractiveness:

Overall rating of Shelter A:

Do you have any additional comments about Shelter A?

Question 6 – Shelter B

How would you rate the bus shelter for each of the following?

Weather protection:

Comfort:

Physical accessibility:

Safety from crime (I feel safe in this bus shelter):

Visual attractiveness:

Overall rating of Shelter B:

Do you have any additional comments about Shelter B?

Question 7 – Shelter C

How would you rate the bus shelter for each of the following?

Weather protection:

Comfort:

Physical accessibility:

Safety from crime (I feel safe in this bus shelter):

Visual attractiveness:

Overall rating of Shelter C:

Do you have any additional comments about Shelter C?

Personal Information

Providing your personal details is optional, however providing us with your postal or email address ensures that we can contact you with the outcomes of the consultation and design evaluation process.

Name:

Street Address:

Suburb:

Postcode:

Email:

Phone: