

CHAT Club – Canterbury Housing and Transport



Workshop at Tūranga, 27 May 2019

Assessment of Rapid Transit Options against Key Objectives

In your table groups, review the six Options presented in this workshop and consider how well you think each one will achieve the six different Objectives presented at the last workshop.

*(For each Objective, the most important thing is the **relative** scores between the different Options)*

Using your scores and the previously determined weightings, we will calculate the overall “score” for each Option, and present these at the next workshop.

Objectives being assessed:

1. More reliable travel times (regardless of travel mode)
2. Lower-cost housing/transport to access key destinations (for productivity, wellbeing, etc)
3. Better perception/experience of public transport (frequency, comfort, cost, etc)
4. Improved wellbeing for society (safety, health, severance, etc)
5. Improved environmental outcomes (CO₂, pollutants, biodiversity, etc)
6. Better/more efficient use of space (for land use & transport)

- **Score** each Option against each Objective according to this 5-tier scale:

✓✓	Highly contributes to achieving the desired Objective.
✓	Somewhat contributes to achieving the desired Objective.
-	Little effect on desired Objective.
X	Somewhat detracts from achieving the desired Objective.
XX	Significantly detracts from achieving the desired Objective.

Objectives	Relative weighting	Option scores <i>(see options overleaf)</i>					
		Opt.1	Opt.2	Opt.3	Opt.4	Opt.5	Opt.6
1. More reliable travel times	10%	✓	✓	✓✓	✓✓	-	-
2. Lower-cost housing/transport	20%	✓✓	✓✓	✓✓	✓✓	-	-
3. Better perception/experience of PT	10%	✓	✓	✓	✓	✓✓	✓✓
4. Improved wellbeing for society	20%	✓	✓	✓	✓	✓✓	✓
5. Improved environmental outcomes	20%	✓	✓	✓✓	✓✓	✓✓	-
6. Better/more efficient use of space	20%	-	✓	✓	✓	✓✓	-

Which option would you recommend? _____

(please leave these completed handouts on your table for us to collect at the end)

Feedback to:

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		Opt.1	Opt.2	Opt.3	Opt.4	Opt.5	Opt.6
1. More reliable travel times	10%		✓✓	✓✓			
2. Lower-cost housing/transport	20%						
3. Better perception/experience of PT	10%						
4. Improved wellbeing for society	20%		✓✓				
5. Improved environmental outcomes	20%		✓✓	✓✓			
6. Better/more efficient use of space	20%		✓✓	✓✓			

(2) (1)

Which option would you recommend? _____

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Objectives	Relative weighting	Option scores (see options overleaf)					
		Opt.1	Opt.2	Opt.3	Opt.4	Opt.5	Opt.6
1. More reliable travel times	10%	✓ ₁	X ₋₁	✓ ₋₁	✓ ₋₁	✓ ₁	✓ ₁
2. Lower-cost housing/transport	20%	✓ ₂	- ₀	- ₀	✓ ₂	✓ ₄	-
3. Better perception/experience of PT	10%	✓ ₁	✓ ₁	✓ ₁	✓ ₁	✓ ₁	✓ ₁
4. Improved wellbeing for society	20%	✓ ₄	✓ ₂	✓ ₂	✓ ₂	✓ ₂	✓ ₂
5. Improved environmental outcomes	20%	✓ ₂	✓ ₂	✓ ₂	✓ ₂	✓ ₂	✓ ₂
6. Better/more efficient use of space	20%	✓ ₂	X ₋₂	✓ ₂	✓ ₂	✓ ₂	-

12 2 8 9½ 12 6

Which option would you recommend? _____

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*wellbeing/social
connectivity
Chris M.
Patrick
Ewan
Henry.*

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1. More reliable travel times	10%	✓	✓	✓✓	✓✓	✓	✓
2. Lower-cost housing/transport	20%	✓	✓	✓✓	✓✓	✓	✓
3. Better perception/experience of PT	10%	✓	✓	✓✓	✓✓	✓	✓
4. Improved wellbeing for society	20%	✓	✓	✓✓	✓✓	✓✓	✓✓
5. Improved environmental outcomes	20%	✓	✓	✓✓	✓✓	✓✓	✓✓
6. Better/more efficient use of space	20%	✓	✓	✓✓	✓✓	✓✓	✓✓

Which option would you recommend? 3/4

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- **Score** each Option against each Objective according to this 5-tier scale:

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✓	Somewhat contributes to achieving the desired Objective.
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✗	Somewhat detracts from achieving the desired Objective.
✗✗	Significantly detracts from achieving the desired Objective.

Objectives	Relative weighting	Option scores <i>(see options overleaf)</i>					
		Opt.1	Opt.2	Opt.3	Opt.4	Opt.5	Opt.6
1. More reliable travel times	10%	-	-	✓✓	✓✓	✓	✓
2. Lower-cost housing/transport	20%	✓	✓✓	✓✓	✓✓	✓	-
3. Better perception/experience of PT	10%	-	-	✓	✓	✓	✓
4. Improved wellbeing for society	20%	✓	✓	✓	✓	✓	✓
5. Improved environmental outcomes	20%	✓	✓	✓	✓	✓	✓
6. Better/more efficient use of space	20%	✓	✓	✓	✓	✓	✓

Which option would you recommend? 3 and 4

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Objectives	Relative weighting	Option scores (see options overleaf)					
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2. Lower-cost housing/transport	20%	✓	✓	✓	✓	✓	-
3. Better perception/experience of PT	10%	-	✓	✓	✓	✓	✓
4. Improved wellbeing for society	20%	✗	-	✓✗	✓✗	✓✗	-
5. Improved environmental outcomes	20%	✓	✓	✓	✓	✓	-
6. Better/more efficient use of space	20%	✗	✓	✓+	✓+	✓	✗

Which option would you recommend?

4 in conjunction with 3, then 5

safety severance

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