Time of Use Charging Programme

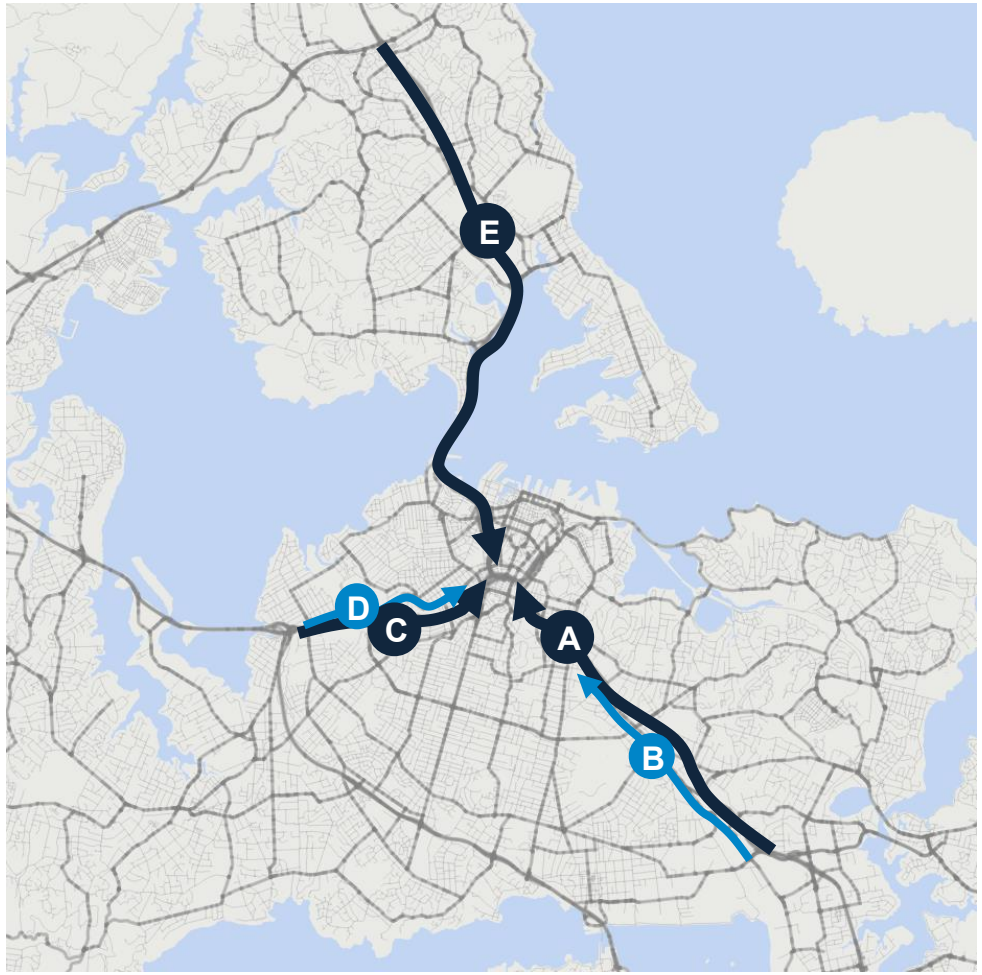
Supplementary Information

Projected change in travel times along specific routes

The table shows the change in travel time compared to the travel time without the charge option.

For example, *without* the option, travel time on the Southern Motorway between the South Eastern Highway and Central Motorway Junction would be 23 minutes. With **Option A** the trip would be 2 minutes shorter, while with **Option C** the trips would be 10 minutes shorter.

	Route	From	To	Travel time without the charge option	Change in travel time with option		
					A: City Centre Cordon	B: City Fringe Cordon	C: Core Motorways and City Centre
A	**SH1 Southern Mwy**	SE Highway	CMJ	*23*	**-2**	**-4**	**-10**
B	**Great South Rd**	SE Highway	Broadway	*17*	**-1**	**-2**	**+1**
C	**SH16 NW Mwy**	Rosebank	CMJ	*20*	**-1**	**-1**	**-7**
D	**Great N Rd**	Pt. Chev Rd	Ponsonby Rd	*12*	**-1**	**-1**	**0**
E	**SH1 Northern Mwy**	SH18	CMJ	*31*	**-3**	**-4**	**-9**



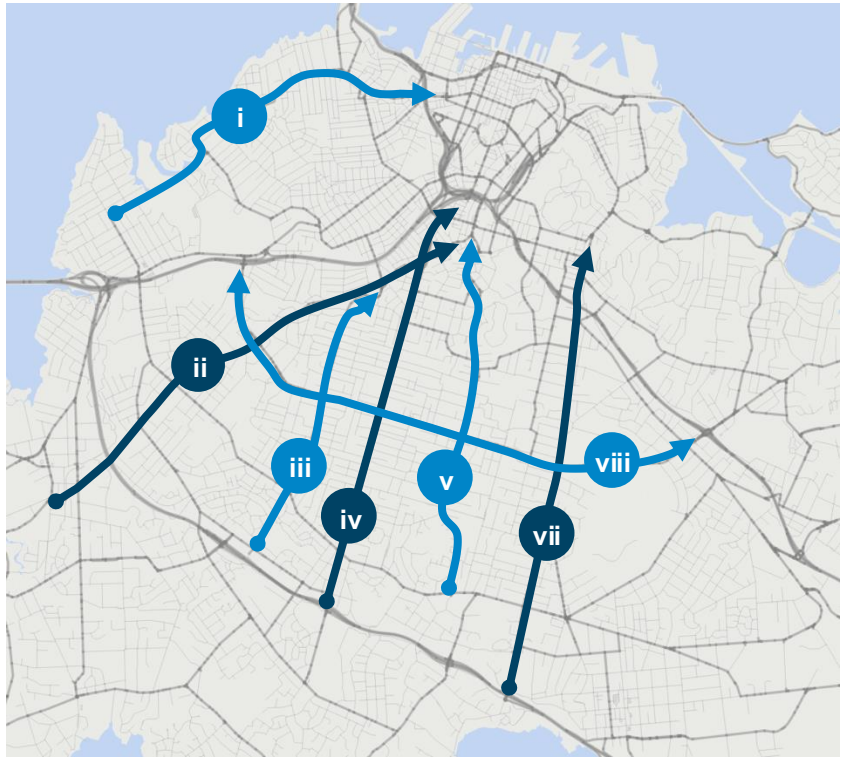
Projected change in travel times along specific routes: Orakei

	Route	From	To	Travel time without the charge option	Change in travel time with option		
					A: City Centre Cordon	B: City Fringe Cordon	C: Core Motorways and City Centre
i	**Remuera Rd**	College Rd	Broadway	*18*	**-1**	**-2**	**-1**
ii	**Ayr Rd / Shore Rd / Upland Rd**	Remuera Rd	Parnell Rd	*12*	**-1**	**-3**	**-2**
iii	**Ngapipi Rd / Kepa Rd / Kohimarama Rd**	St. Heliers Bay Rd	Tamaki Dr	*13*	**-1**	**-2**	**-1**
iv	**Tamaki Dr**	Vale Rd	Tangihua St	*18*	**-2**	**-3**	**-3**



Projected change in travel times along specific routes: Albert-Eden

	Route	From	To	Travel time without the charge option	City Centre Cordon	City Fringe Cordon	Core Motorways and City Centre
i	**Meola Rd / W End Rd / Jervois Rd / College Hill / Victoria St**	Point Chevalier Rd	Wellesley St	*11*	**0**	**0**	**-1**
ii	**New North Rd**	Great N Rd	Symonds St	*26*	**-2**	**-4**	**-2**
iii	**Sandringham Rd**	Stoddard Rd	Great N Rd	*10*	**-1**	**-2**	**-1**
iv	**Dominion Rd**	SH20	CMJ	*16*	**-1**	**-2**	**-1**
v	**Mt Eden Rd**	Mt Albert Rd	Symonds St	*12*	**-1**	**-1**	**-1**
vi	**Queenstown Rd / Manukau Rd / Broadway**	SH20	Khyber Pass Rd	*18*	**-1**	**-2**	**-1**
vii	**St Lukes Rd / Balmoral Rd / Greenlane**	SH16 NW Mwy	SH1 S Mwy	*21*	**-1**	**-1**	**-1**
		SH1 S Mwy	SH16 NW Mwy	*19*	**0**	**+1**	**+1**



Route	From	To	Travel time without the charge option	A: City Centre Cordon	B: City Fringe Cordon	C: Core motorways and City Centre
SH1 Southern Mwy	SE Highway	CMJ	*23*	**-2**	**-4**	**-10**
Great South Rd	SE Highway	Broadway	*17*	**-1**	**-2**	**+1**
SH16 NW Mwy	Rosebank	CMJ	*20*	**-1**	**-1**	**-7**
Great N Rd	Pt. Chev Rd	Ponsonby Rd	*12*	**-1**	**-1**	**0**
SH1 Northern Mwy	SH18	CMJ	*31*	**-3**	**-4**	**-9**
SH16 from/to port	CMJ	Quay St	*8*	**0**	**-3**	**-1**
SH20 (SH16-SH20A)	SH20A	SH16	*12*	**-1**	**-1**	**-1**
Remuera Rd	College Rd	Broadway	*18*	**-1**	**-2**	**-1**
Symonds St	New North Rd	Beach Rd	*9*	**0**	**-1**	**-1**
Ayr Rd / Shore Rd / Upland Rd	Remuera Rd	Parnell Rd	*12*	**-1**	**-3**	**-2**
Ngapipi Rd / Kepa Rd / Kohimarama Rd	St. Heliers Bay Rd	Tamaki Dr	*13*	**-1**	**-2**	**-1**
Tamaki Dr	Vale Rd	Tangihua St	*18*	**-2**	**-3**	**-3**
Meola Rd / W End Rd / Jervois Rd / College Hill / Victoria St	Point Chev Rd	Wellesley St	*11*	**0**	**0**	**-1**
Khyber Pass Rd / Newton Rd / Ponsonby Rd	Jervois Rd	Broadway	*12*	**0**	**-1**	**+2**
New North Rd	Great N Rd	Symonds St	*26*	**-2**	**-4**	**-2**
Sandringham Rd	Stoddard Rd	Great N Rd	*10*	**-1**	**-2**	**-1**
Dominion Rd	SH20	CMJ	*16*	**-1**	**-2**	**-1**
Mt Eden Rd	Mt Albert Rd	Symonds St	*12*	**-1**	**-1**	**-1**
Queenstown Rd / Manukau Rd / Broadway	SH20	Khyber Pass Rd	*18*	**-1**	**-2**	**-1**
St Lukes Rd / Balmoral Rd / Greenlane	SH16 NW Mwy	SH1 S Mwy	*21*	**-1**	**-1**	**-1**
	SH1 S Mwy	SH16 NW Mwy	*19*	**0**	**+1**	**+1**
Albany Hwy - Wairau Rd - Fred Thomas Dr	SH18	Esmonde Rd	*20*	**0**	**0**	**-1**
SEHwy(SH1) / Ti Rakau Dr	Te Irirangi Dr	SH1 S Hwy	*22*	**0**	**0**	**-1**
Pakuranga Rd - Ellerslie Panmure Hwy	Ridge Rd / Botany Rd	SH1 S Hwy	*29*	**0**	**-1**	**0**
Lincoln Rd - Great N Rd (SH16 to Avondale)	SH16 NW Mwy	St Judes St	*27*	**0**	**-1**	**0**

Morning peak statistics – absolute and percentage change

AM peak statistics	Option A	Option B	Option C
Vehicles that pay a time-of-use charge (Percentage of total regional trips)	**20,500** **3.4%**	**32,500** **5.5%**	**49,500** **8.4%**
Number of vehicle trips (across the region) Change in no. of vehicle trips (Percentage change)	**598,300** **-3,500** **-0.6%**	**593,900** **-7,900** **-1.3%**	**592,100** **-9,700** **-1.6%**
No. of public transport passengers Change in no. public transport passengers (Percentage change)	**89,600** **+2,600** **+3.0%**	**91,500** **+4,500** **+5.2%**	**92,200** **+5,200** **+5.9%**
Average regional vehicle trip speeds Increase in vehicle trip speeds – averaged across the region (Percentage change)	**36.3** **+0.7** **+2.0%**	**36.8** **+1.2** **+3.5%**	**37.3** **+1.7** **+4.8%**
Number of kilometres driven in congested conditions *(across the region)* Reduction in number of kilometres driven in congested conditions (across the region) (Percentage change)	**1,387,600** **-30,200** **-2%**	**1,376,400** **-41,400** **-3%**	**1,254,800** **-163,000** **-11%**
Number of kilometres driven in congested conditions *(isthmus & lower North Shore)* Reduction in number of kilometres driven in congested conditions (*isthmus and lower North Shore*) (Percentage change)	**610,700** **-28,100** **-4%**	**602,200** **-36,500** **-6%**	**458,000** **-180,700** **-28%**
Average time savings for charged trips	**2.5 mins**	**4 mins**	**7 mins**
Uncharged car trips *(% of total regional trips)*	**577,800** **97%**	**561,400** **95%**	**542,600** **92%**