

## Attachment 6: Estimated costs per item for a real time information system and costs for different options

Estimated costs per item:

Item	Price (\$)
Bus unit	6,000
Train Unit	6,500
Bus communication per month	40
Train communication per month	40
Type I on-street display	15,000
Type II on-street display	8,000
Communication Type I display per month	60
Communication Type II display per month	40
Intersection	60
Communication per intersection per month	40
Website	70,000
SMS tool	70,000
On-bus equipment (next stop information)	8,000

Costs per option:

MWH investigated different options for the implementation of a Real Time Information system in the Greater Wellington region. The following table gives a cost overview for four options, which all cover the whole region. In all options all buses and trains are equipped, 80 intersections are included for the signal pre-emption, and they all have SMS and website tools and 75 buses with on-bus displays. The differences are the number of displays:

Regional coverage	Number of Type I displays	Number of Type II displays	Total capital costs (\$m)	Total operational costs (\$m p.a.)	Net present value (\$m)
Minimal	150	0	9.4	1.8	23.9
Partial	150	100	10.7	1.9	25.4
<b>Complete (recommended option)</b>	<b>250</b>	<b>100</b>	<b>12.8</b>	<b>2.2</b>	<b>29.7</b>
Maximal	500	0	17.1	2.8	36.7