



**Appendix E**  
Rathfarnham to City  
Centre Study Area  
Section - Section 1a  
Grange Road to Terenure  
Cross Route Options  
Assessment MCA Tables

**Table E1.1: Grange Road MCA**

Sub-Criteria	Option RC1 (EPR proposal)	Option RC2 (Combination of Bus Lanes and Signal Controlled Priority)
1A Capital Cost	<p><b>Indicative Scheme Infrastructure Works Costs</b></p> <ul style="list-style-type: none"> <li>- Segregated Bus lanes provided throughout this section.</li> <li>- Dedicated 2.0 wide cycle tracks provided in each direction.</li> <li>- Two traffic lanes provided.</li> </ul> <p><b>Land Acquisition Cost</b> 11169 sqm Private Land 6 Properties affected</p>	<p><b>Indicative Scheme Infrastructure Works Costs</b></p> <ul style="list-style-type: none"> <li>- Back to back bus lanes provided on approach to junctions at either end of this section. Bus priority managed through signalling in sections without bus lanes</li> <li>- Dedicated 2.0m wide cycle tracks provided in both directions.</li> <li>- Two traffic lanes provided.</li> </ul> <p><b>Land Acquisition Cost</b> 524 sqm Private Land 3 Properties affected</p>
Rank		
1B Transport Quality & Reliability	<p>Journey Time Inbound: 1.4 mins Journey Time Outbound: 1.0 mins Length: 0.34 km No. of Junctions: 0 No. of Pedestrian Crossings: 0</p>	<p>Journey Time Inbound: 1.9 mins Journey Time Outbound: 1.5 mins Length: 0.34 km No. of Junctions: 0 No. of Pedestrian Crossings: 0 Additional delay anticipated due to virtual priority over sections without bus lanes.</p>
Rank		
2A Land Use Policy	Serves Rathfarnham village which is zoned VC in the SDCC Development Plan 'to protect, improve, provide for the future development of Village Centres'.	Serves Rathfarnham village which is zoned VC in the SDCC Development Plan 'to protect, improve, provide for the future development of Village Centres'.
Rank		
2B Residential Population and Employment Catchments	<p><b>Residential Population Catchments</b></p> <ul style="list-style-type: none"> <li>- 5 minute walk catchment of approximately 3,500</li> <li>- 10 minute walk catchment of approximately 8,600</li> </ul> <p><b>Employment catchments</b></p> <ul style="list-style-type: none"> <li>- 10 minute walk catchment of approximately 1,544</li> </ul>	<p><b>Residential Population Catchments</b></p> <ul style="list-style-type: none"> <li>- 5 minute walk catchment of approximately 3,500</li> <li>- 10 minute walk catchment of approximately 8,600</li> </ul> <p><b>Employment catchments</b></p> <ul style="list-style-type: none"> <li>- 10 minute walk catchment of approximately 1,544</li> </ul>
Rank		
2C Transport Network Integration	Potential for interchange with local bus services.	Potential for interchange with local bus services.
Rank		
2D Cycle Network integration	Segregated cycle facilities provided along Secondary Route SO4 from the GDA cycle network plan.	Segregated cycle facilities provided along Secondary Route SO4 from the GDA cycle network plan.
Rank		

Sub-Criteria	Option RC1 (EPR proposal)	Option RC2 (Combination of Bus Lanes and Signal Controlled Priority)
2E Traffic Network Integration	Current traffic regime maintained.	Traffic queued to provide virtual bus priority through sections without physical bus priority.
Rank		
3A Key Trip Attractors	<p><b><u>Education</u></b></p> <ul style="list-style-type: none"> <li>- Loreto Primary School</li> <li>- Loreto High School Beaufort</li> <li>- St. Mary's National School</li> </ul> <p><b><u>Retail / Leisure</u></b></p> <ul style="list-style-type: none"> <li>- Rathfarnham Village</li> <li>- Rathfarnham Castle</li> <li>- Rathfarnham Castle Park</li> <li>- Church of Annunciation</li> </ul> <p><b><u>Employment</u></b></p> <ul style="list-style-type: none"> <li>- Rathfarnham Village</li> <li>- Rathfarnham Castle</li> <li>- Loreto Primary School</li> <li>- Loreto High School Beaufort</li> <li>- St. Mary's National School</li> </ul>	<p><b><u>Education</u></b></p> <ul style="list-style-type: none"> <li>- Loreto Primary School</li> <li>- Loreto High School Beaufort</li> <li>- St. Mary's National School</li> </ul> <p><b><u>Retail / Leisure</u></b></p> <ul style="list-style-type: none"> <li>- Rathfarnham Village</li> <li>- Rathfarnham Castle</li> <li>- Rathfarnham Castle Park</li> <li>- Church of Annunciation</li> </ul> <p><b><u>Employment</u></b></p> <ul style="list-style-type: none"> <li>- Rathfarnham Village</li> <li>- Rathfarnham Castle</li> <li>- Loreto Primary School</li> <li>- Loreto High School Beaufort</li> <li>- St. Mary's National School</li> </ul>
Rank		
3B Deprived Geographic Areas	Route option serves area of Affluent means from the Pobal Deprivation Index.	Route option serves area of Affluent means from the Pobal Deprivation Index.
Rank		
4A Road Safety	No. of junctions: 0 No turn movements required.	No. of junctions: 0 No turn movements required.
Rank		
4B Pedestrian Safety	No Recorded Monument or site of archaeological and cultural heritage merit was identified within the assessment area.	No Recorded Monument or site of archaeological and cultural heritage merit was identified within the assessment area.
Rank		
5A Archaeology & Cultural Heritage	The Church of Annunciation, The Yellow House Pub and the Castle Lodge Rathfarnham Road are protected structures of note within the assessment area.	The Church of Annunciation, The Yellow House Pub and the Castle Lodge Rathfarnham Road are protected structures of note within the assessment area.
Rank		
5B Architectural Heritage	Requires the removal of <b>30</b> trees in public areas and <b>2</b> trees in private areas. Total trees impacted: <b>32</b>	Requires the removal of <b>10</b> trees in public areas and <b>0</b> trees in private areas. Total trees impacted: <b>10</b>
Rank		
5C Flora & Fauna	No appreciable impact	No appreciable impact
Rank		

Sub-Criteria	Option RC1 (EPR proposal)	Option RC2 (Combination of Bus Lanes and Signal Controlled Priority)
5D Soils, Geology & Hydrology	Land acquisition required from <b>6</b> properties.	Land acquisition required from <b>3</b> properties.
Rank		
5E Landscape & Visual	Increased proximity of vehicles to residential properties due to road widening.	Increased proximity of vehicles to residential properties due to road widening, to a lesser extent than option RC1.
Rank		
5F Air Quality	Increased proximity of vehicles to residential properties due to road widening.	Increased proximity of vehicles to residential properties due to road widening, to a lesser extent than option RC1.
Rank		
5G Noise & Vibration	The land take required on Rathfarnham Road would not have great effect on the viability of the residential properties from being used for their intended use. Sufficient access and parking space will still be provided.	The land take required on Rathfarnham Road would not have great effect on the viability of the residential properties from being used for their intended use. Sufficient access and parking space will still be provided.
Rank		
5H Land Use Character	No Recorded Monument or site of archaeological and cultural heritage merit was identified within the assessment area.	No Recorded Monument or site of archaeological and cultural heritage merit was identified within the assessment area.
Rank		