

# Top 5 Consolidated MCA Criteria - Design Definitions

## Social Criteria

Top 5 community based social criteria	Attributes	Attributes that contribute to differentiate between design options	Attributes that do not contribute to differentiate between design options	Combine and interpret Design Definitions
<p><b>1. Planning (Soc 7)</b> <b>(planning to minimise social impacts on and enhance the social environment of the project and surrounding areas)</b></p>	<ul style="list-style-type: none"> <li>• Planning for the route across the reserve should be done first not last in order to establish this early in the plan</li> <li>• Community impact (formerly name of Soc23)</li> <li>• Ripple impact further out</li> <li>• Big picture impacts at various levels - commercial, residential, industrial</li> <li>• Design /Planning (formerly name of Soc24)</li> <li>• Design safety</li> <li>• Importance of completing original design</li> <li>• Area west of proposed project</li> <li>• Dealing with issues created at the western terminus</li> <li>• Local government should consider increase buffer zones</li> <li>• Spend money on amenities instead of roads</li> <li>• Criteria restriction and too limited if we are to comment it has already been decided, eg. the Port is most certainly a criteria.</li> <li>• Sustainability (formerly name of Soc37)</li> <li>• Future sustainability - whatever we doing today should be thought about for the future. Port containers are going to grow - high tech trucks</li> </ul>	<ul style="list-style-type: none"> <li>• Community impact (formerly name of Soc23)</li> <li>• Ripple impact further out</li> <li>• Big picture impacts at various levels - commercial, residential, industrial</li> <li>• Design /Planning (formerly name of Soc24)</li> <li>• Design safety</li> <li>• Area west of proposed project</li> <li>• Dealing with issues created at the western terminus</li> <li>• Local government should consider increase buffer zones</li> <li>• Sustainability (formerly name of Soc37)</li> <li>• Future sustainability - whatever we doing today should be thought about for the future. Port containers are going to grow - high tech trucks</li> </ul>	<ul style="list-style-type: none"> <li>• Importance of completing original design</li> <li>• Spend money on amenities instead of roads</li> <li>• Criteria restriction and too limited if we are to comment it has already been decided, eg. the Port is most certainly a criteria.</li> <li>• Planning for the route across the reserve should be done first not last in order to establish this early in the plan</li> </ul>	<ul style="list-style-type: none"> <li>• Movement across and around alignment</li> <li>• The operating speed</li> <li>• The extent of the scope of work to be carried out outside of Roe Hwy</li> <li>• The design layout for the Stock Road/Roe Highway intersection</li> <li>• The amount of vegetation and distance between the road edge and houses</li> <li>• Embodied energy</li> <li>• Carbon footprint</li> </ul>
<p><b>2. Noise (Soc 10)</b> <b>(reducing noise levels and mitigating noise where necessary)</b></p>	<ul style="list-style-type: none"> <li>• Noise becomes a visual issue as you have a wall in front. Make sure the landscape and noise is built in</li> <li>• Noise walls and how to avoid inadequate mitigation</li> <li>• Reducing noise and pollution</li> <li>• Enjoyment of quiet amenity</li> <li>• Brings rise to mental health</li> <li>• Sleep deprivation</li> <li>• Build a tunnel instead of a wall</li> <li>• Noise (formerly name of Soc13)</li> </ul>	<ul style="list-style-type: none"> <li>• Noise becomes a visual issue as you have a wall in front. Make sure the landscape and noise is built in</li> <li>• Noise walls and how to avoid inadequate mitigation</li> <li>• Build a tunnel instead of a wall</li> <li>• Noise (formerly name of Soc13)</li> <li>• Impact on people who live/use corridor (residents, truck users)</li> <li>• Reducing noise on the</li> </ul>	<ul style="list-style-type: none"> <li>• Already some</li> <li>• As traffic volumes increase,</li> <li>• Reducing noise and pollution</li> <li>• Enjoyment of quiet amenity</li> <li>• Brings rise to mental health</li> <li>• Sleep deprivation</li> <li>• Restricting heavy</li> </ul>	<ul style="list-style-type: none"> <li>• Location and height of noise walls</li> <li>• Material of noise walls</li> <li>• Road grades</li> <li>• Alignment of road/Size of buffer between road and houses/Location of noise walls</li> <li>• Road surface</li> <li>• Adjustment of the flow of traffic to minimise noise</li> </ul>

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<p><b>3. Pedestrian access and connectivity (Soc 8). (maintaining and providing pedestrian access and connectivity)</b></p>	<ul style="list-style-type: none"> <li>• Access between the two lakes crossing</li> <li>• Hope Road to be elevated</li> <li>• Connectivity (existing) (formerly name of Soc25)</li> <li>• Design highway so it is not a barrier (pedestrian bridge)</li> <li>• Underpass - designed well to avoid antisocial behaviour</li> <li>• Principal Shared Path</li> <li>• Community connectivity - community cohesiveness (maintaining not dividing)</li> </ul>	<ul style="list-style-type: none"> <li>• Access between the two lakes crossing</li> <li>• Hope Road to be elevated</li> <li>• Connectivity (existing) (formerly name of Soc25)</li> <li>• Design highway so it is not a barrier (pedestrian bridge)</li> <li>• Underpass - designed well to avoid antisocial behaviour</li> </ul>	<p>None</p>	<ul style="list-style-type: none"> <li>• Access between local areas</li> <li>• Access to lakes</li> <li>• Access between lakes</li> <li>• Access to recreation areas</li> <li>• PSP</li> <li>• Safety aspects</li> <li>• Enhance / maintain existing recreational use</li> </ul>

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	<ul style="list-style-type: none"> <li>• Road connectivity</li> <li>• Between North and Bibra Lakes</li> <li>• Overall network - widen impact on social zone</li> <li>• Recreation (formerly name of Soc27)</li> <li>• Maintaining / improving recreational aspects of the lakes</li> <li>• Access to lakes</li> <li>• Principal Shared Path (PSP)</li> <li>• Access to and pathways for cyclists and safety - to continue the cycle and pedestrian paths</li> <li>• Can we still use the area for existing purposes</li> <li>• Pedestrian and cyclist easy access</li> <li>• Connectivity (formerly name of Env 29)</li> <li>• Connectivity of bikes</li> <li>• Pedestrians on either side of the highway</li> </ul>	<ul style="list-style-type: none"> <li>• Principal Shared Path</li> <li>• Community connectivity - community cohesiveness (maintaining not dividing)</li> <li>• Road connectivity</li> <li>• Between North and Bibra Lakes</li> <li>• Overall network - widen impact on social zone</li> <li>• Recreation (formerly name of Soc27)</li> <li>• Maintaining / improving recreational aspects of the lakes</li> <li>• Access to lakes</li> <li>• Principal Shared Path (PSP)</li> <li>• Access to and pathways for cyclists and safety - to continue the cycle and pedestrian paths</li> <li>• Can we still use the area for existing purposes</li> <li>• Pedestrian and cyclist easy access</li> <li>• Connectivity (formerly name of Env 29)</li> <li>• Connectivity of bikes</li> <li>• Pedestrians on either side of the highway</li> </ul>		<ul style="list-style-type: none"> <li>• Connectivity for roads, pedestrians and cyclists</li> </ul>
<p><b>4. Visual Impact and Aesthetics (Soc 4). (reducing visual impacts and enhancing aesthetics)</b></p>	<ul style="list-style-type: none"> <li>• Maximising aesthetic pleasure</li> <li>• Maintaining privacy</li> <li>• Maintaining security</li> <li>• Creating artwork</li> <li>• Landscaping</li> <li>• Providing revegetation</li> <li>• Green belt</li> <li>• Visual Impact (formerly name of Soc9)</li> </ul>	<ul style="list-style-type: none"> <li>• Maximising aesthetic pleasure</li> <li>• Maintaining privacy</li> <li>• Maintaining security</li> <li>• Creating artwork</li> <li>• Landscaping</li> <li>• Providing revegetation</li> <li>• Green belt</li> <li>• Visual Impact (formerly name of</li> </ul>	<p>None</p>	<ul style="list-style-type: none"> <li>• Privacy and security for residents</li> <li>• Artwork/Landscaping/revegetation</li> <li>• Sense of place</li> <li>• Creation of iconicity</li> <li>• Local environment visual theme</li> <li>• Aesthetics associated with</li> </ul>

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	<ul style="list-style-type: none"> <li>Concerns on Visual Impact to see highway (instead of garden views and lakes and bush)</li> <li>Tranquillity around the lake area instead of all the traffic noise</li> <li>Landscaping a priority and pollution as clean as possible. Storm water systems</li> <li>Promote green landscaping (trees) sensitivity to the residents</li> <li>Visual amenity (formerly name of Soc30)</li> <li>Opportunity to enhance sense of place</li> <li>Opportunity to enhance local community</li> <li>Height of project</li> <li>Closeness to existing properties</li> <li>Loss of vegetation - Roe 7 water (Perth Bunbury did a good job)</li> <li>Blending into environment</li> <li>Could become iconic if designed well</li> </ul>	<p>Soc9)</p> <ul style="list-style-type: none"> <li>Concerns on Visual Impact to see highway (instead of garden views and lakes and bush)</li> <li>Tranquillity around the lake area instead of all the traffic noise</li> <li>Landscaping a priority and pollution as clean as possible. Storm water systems</li> <li>Promote green landscaping (trees) sensitivity to the residents</li> <li>Visual amenity (formerly name of Soc30)</li> <li>Opportunity to enhance sense of place</li> <li>Opportunity to enhance local community</li> <li>Height of project</li> <li>Closeness to existing properties</li> <li>Loss of vegetation - Roe 7 water (Perth Bunbury did a good job)</li> <li>Blending into environment</li> <li>Could become iconic if designed well</li> </ul>		<p>water</p>
<p><b>5. Traffic Flow (Soc 14). (maintaining traffic flow and reducing congestion)</b></p>	<ul style="list-style-type: none"> <li>The impact of not having the road built is Heavy Traffic on Leach Highway</li> <li>Relieving traffic on other roads</li> <li>Reduce traffic slow and increase traffic flow - introduce ITS system</li> <li>Encourage people to use public transport</li> <li>Maintaining traffic flow (formerly name of Soc22)</li> </ul>	<ul style="list-style-type: none"> <li>Reduce traffic slow and increase traffic flow - introduce ITS system</li> <li>Maintaining traffic flow (formerly name of Soc22)</li> </ul>	<ul style="list-style-type: none"> <li>The impact of not having the road built is Heavy Traffic on Leach Highway</li> <li>Relieving traffic on other roads</li> <li>Encourage people to use public transport</li> </ul>	<ul style="list-style-type: none"> <li>Capacity to accommodate regional and local traffic diverted from adjacent roads, highways and freight roads</li> <li>Maintaining traffic flow</li> </ul>