

Coolmine Level Crossing Assessment

Parameter	Criteria	Sub-Criteria (Quantifiable Qualitative)	Do Nothing	Do Minimum	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6	Option 7	Option 8
1	Economy	Construction and Land Cost	Reduction of cost of construction of roads, land and necessary works	Lowest construction cost of the plans	Lowest construction cost of the plans	Lowest construction cost of the plans	Lowest construction cost of the plans	Lowest construction cost of the plans	Lowest construction cost of the plans	Lowest construction cost of the plans	Lowest construction cost of the plans	Lowest construction cost of the plans
		Long Term Maintenance cost	Reduction in the long-term cost for maintenance of the road	Lowest long-term maintenance cost of the plans	Lowest long-term maintenance cost of the plans	Lowest long-term maintenance cost of the plans	Lowest long-term maintenance cost of the plans	Lowest long-term maintenance cost of the plans	Lowest long-term maintenance cost of the plans	Lowest long-term maintenance cost of the plans	Lowest long-term maintenance cost of the plans	Lowest long-term maintenance cost of the plans
		Traffic Penalty/ Business Loss	Reduction in traffic penalty/ business loss	Lowest traffic penalty/ business loss of the plans	Lowest traffic penalty/ business loss of the plans	Lowest traffic penalty/ business loss of the plans	Lowest traffic penalty/ business loss of the plans	Lowest traffic penalty/ business loss of the plans	Lowest traffic penalty/ business loss of the plans	Lowest traffic penalty/ business loss of the plans	Lowest traffic penalty/ business loss of the plans	Lowest traffic penalty/ business loss of the plans
2	Integration	Transportation	Facilitate the transport of all modes of transport	Facilitate the transport of all modes of transport	Facilitate the transport of all modes of transport	Facilitate the transport of all modes of transport	Facilitate the transport of all modes of transport	Facilitate the transport of all modes of transport	Facilitate the transport of all modes of transport	Facilitate the transport of all modes of transport	Facilitate the transport of all modes of transport	Facilitate the transport of all modes of transport
		Land Use Integration	Facilitate the use of land for all purposes	Facilitate the use of land for all purposes	Facilitate the use of land for all purposes	Facilitate the use of land for all purposes	Facilitate the use of land for all purposes	Facilitate the use of land for all purposes	Facilitate the use of land for all purposes	Facilitate the use of land for all purposes	Facilitate the use of land for all purposes	Facilitate the use of land for all purposes
		Disruptive Integration	Minimize the disruption of the area	Minimize the disruption of the area	Minimize the disruption of the area	Minimize the disruption of the area	Minimize the disruption of the area	Minimize the disruption of the area	Minimize the disruption of the area	Minimize the disruption of the area	Minimize the disruption of the area	Minimize the disruption of the area
3	Environment	Land Use and Visual Quality	Minimize the impact on the landscape	Minimize the impact on the landscape	Minimize the impact on the landscape	Minimize the impact on the landscape	Minimize the impact on the landscape	Minimize the impact on the landscape	Minimize the impact on the landscape	Minimize the impact on the landscape	Minimize the impact on the landscape	Minimize the impact on the landscape
		Landscaping and Visual Quality	Enhance the visual quality of the area	Enhance the visual quality of the area	Enhance the visual quality of the area	Enhance the visual quality of the area	Enhance the visual quality of the area	Enhance the visual quality of the area	Enhance the visual quality of the area	Enhance the visual quality of the area	Enhance the visual quality of the area	Enhance the visual quality of the area
		Ecological and Visual Quality	Protect the ecological and visual quality of the area	Protect the ecological and visual quality of the area	Protect the ecological and visual quality of the area	Protect the ecological and visual quality of the area	Protect the ecological and visual quality of the area	Protect the ecological and visual quality of the area	Protect the ecological and visual quality of the area	Protect the ecological and visual quality of the area	Protect the ecological and visual quality of the area	
4	Accessibility & Social Inclusion	Accessibility	Facilitate access to the area	Facilitate access to the area	Facilitate access to the area	Facilitate access to the area	Facilitate access to the area	Facilitate access to the area	Facilitate access to the area	Facilitate access to the area	Facilitate access to the area	Facilitate access to the area
		Social Inclusion	Facilitate social inclusion in the area	Facilitate social inclusion in the area	Facilitate social inclusion in the area	Facilitate social inclusion in the area	Facilitate social inclusion in the area	Facilitate social inclusion in the area	Facilitate social inclusion in the area	Facilitate social inclusion in the area	Facilitate social inclusion in the area	Facilitate social inclusion in the area
		Public Safety	Enhance public safety in the area	Enhance public safety in the area	Enhance public safety in the area	Enhance public safety in the area	Enhance public safety in the area	Enhance public safety in the area	Enhance public safety in the area	Enhance public safety in the area	Enhance public safety in the area	Enhance public safety in the area

Criteria	Do Nothing	Do Minimum	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6	Option 7	Option 8
Economy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Integration	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Environment	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Accessibility and social inclusion	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Safety	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Physical Activity	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Progress To Stage 2	No	No	Yes	No	Yes	Yes	Yes	No	Yes	No