

DART Maynooth Line - MCA Stage 2

Coolimne Level Crossing Assessment

Parameter	Criteria	Sub-Criteria (Quantitative/Qualitative)	Option 1	Option 3 with Pedestrian Cycle Bridge	Option 4 with Pedestrian Cycle Bridge	Option 6
1	Economy	1.1 Construction and Land Cost	Some comparative advantage over other options	Significant comparative disadvantage over other options	Significant comparative advantage over other options	Some comparative advantage over other options
		1.2 Long Term Maintenance costs	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options
		1.3 Traffic Functionality Economic benefit	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options
2	Integration	2.1 Transport Integration	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options
		2.2 Land Use Integration	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options
		2.3 Geographical Integration	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options
3	Environment	3.1 Noise and Vibration	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options
		3.2 Air Quality and Climate	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options
		3.3 Landscape and Visual (including light)	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options
4	Accessibility & Social Inclusion	4.1 Impact on Vulnerable Groups	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options
		4.2 Stations Accessibility	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options
		4.3 Social Inclusion	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options
5	Safety	5.1 Safety for Rail Users - removal of LC platform	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options
		5.2 Vehicular Traffic Safety	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options
		5.3 Pedestrian, Cyclist and Vulnerable Road user Safety	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options
6	Physical Activity	6.1 Connecting to adjoining cycling facilities	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options
		6.2 Permissibility and local connectivity opportunity	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options
		6.3 Other Physical Activity	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options	Some comparative advantage over other options

Criteria	Option 1	Option 3 with Pedestrian Cycle Bridge	Option 4 with Pedestrian Cycle Bridge	Option 6
1 Economy	Some comparative advantage over other options			
2 Integration	Some comparative advantage over other options			
3 Environment	Some comparative advantage over other options			
4 Accessibility and social inclusion	Some comparative advantage over other options			
5 Safety	Some comparative advantage over other options			
6 Physical Activity	Some comparative advantage over other options			
Preferred Option Ranking	2	1	4	3
Comment		Best of several options	No Advantage over Option 3	