

				Heuston				
				Heuston West Station				
				Intervention		Assessment		
Requirements				-		-	-	
Baseline intervention (not subject to options)				-		-	-	
Options Level 1 (PC 2)	Option 0: Do Nothing	Engineering	Feasibility	Constructability	Leave As Is	●	Fail	Fail - No intervention proposed.
			Geometrical fitness for intervention	●				
		Safety	●					
		Requirements	Proximity to the Railway Line	●		Fail - No intervention proposed.		
Comply with station design requirements	●	Fail - No intervention proposed.						
Electrification of DART+ tracks	●	Pass - No intervention proposed.						
Vulnerable User Access	●	Fail - No intervention proposed.						
Economy	Investment guidelines and programme for DART+	●	Compatible with the investment guidelines and programme for DART+					
Environment		●	No impact on Environmental sites of National of International significance.					
Options Level 1 (PC 2)	Option A	Engineering	Feasibility	Constructability	Footbridge accessed by lifts and stairs.	●	Pass	Pass - site located adjacent to platform 10, sufficient clearance and working space to facilitate the construction activities
			Geometrical fitness for intervention	●				
		Safety	●					
		Requirements	Proximity to the Railway Line	●		Pass		
Comply with station design requirements	●	Pass						
Electrification of DART+ tracks	●	Pass - bridge will be constructed to accommodate electrification						
Vulnerable User Access	●	Pass - lifts to be provided						
Economy	Investment guidelines and programme for DART+	●	Compatible with the investment guidelines and programme for DART+					
Environment		●	No impact on Environmental sites of National of International significance.					
Options Level 1 (PC 2)	Option B	Engineering	Feasibility	Constructability	Footbridge accessed by ramps and stairs.	●	Pass	Pass - site located adjacent to platform 10, sufficient clearance and working space to facilitate the construction activities
			Geometrical fitness for intervention	●				
		Safety	●					
		Requirements	Proximity to the Railway Line	●		Pass		
Comply with station design requirements	●	Pass						
Electrification of DART+ tracks	●	Pass - bridge will be constructed to accommodate electrification						
Vulnerable User Access	●	Pass - ramps to be provided						
Economy	Investment guidelines and programme for DART+	●	Compatible with the investment guidelines and programme for DART+					
Environment		●	No impact on Environmental sites of National of International significance.					

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				Intervention		Assessment		
Requirements				-		-		
Baseline intervention (not subject to options)				-		-		
Options Level 1 (PC 2)	Option C	Engineering	Feasibility	Constructability	Underpass via the Liffey Railway Bridge arches, accessed by lift and stairs (the stairs follow the embankment profile).	●	Pass	Pass - site located adjacent to platform 10, sufficient clearance and working space to facilitate
			Geometrical fitness for intervention	Safety		●		Pass - sufficient space to accommodate platforms and station structures
		Requirements	Proximity to the Railway Line	●		Pass		Pass
			Comply with station design requirements	●			Pass	
			Electrification of DART+ tracks	●			Pass - access is via underpass, no overhead obstructions	
			Vulnerable User Access	●			Pass - lifts to be provided	
	Economy		Investment guidelines and programme for DART+				Compatible with the investment guidelines and programme for DART+	
	Environment						No impact on Environmental sites of National of International significance.	
Options Level 1 (PC 2)	Option D	Engineering	Feasibility	Constructability	Underpass via the Liffey Railway Bridge arches, accessed by stairs and ramps. Ramps run parallel to Liffey River.	●	Pass	Pass - site located adjacent to platform 10, sufficient clearance and working space to facilitate
			Geometrical fitness for intervention	Safety		●		Pass - sufficient space to accommodate platforms and station structures
		Requirements	Proximity to the Railway Line	●		Pass		Pass
			Comply with station design requirements	●			Pass	
			Electrification of DART+ tracks	●			Pass - access is via underpass, no overhead obstructions	
			Vulnerable User Access	●			Pass - ramps to be provided	
	Economy		Investment guidelines and programme for DART+				Compatible with the investment guidelines and programme for DART+	
	Environment						No impact on Environmental sites of National of International significance.	
Options Level 1 (PC 2)	Option E	Engineering	Feasibility	Constructability	Underpass via the Liffey Railway Bridge arches, accessed by lift and ramps. Ramps run parallel to platforms.	●	Pass	Pass - site located adjacent to platform 10, sufficient clearance and working space to facilitate
			Geometrical fitness for intervention	Safety		●		Pass - sufficient space to accommodate platforms and station structures
		Requirements	Proximity to the Railway Line	●		Pass		Pass
			Comply with station design requirements	●			Pass	
			Electrification of DART+ tracks	●			Pass - access is via underpass, no overhead obstructions	
			Vulnerable User Access	●			Pass - ramps & lifts to be provided	
	Economy		Investment guidelines and programme for DART+				Compatible with the investment guidelines and programme for DART+	
	Environment						No impact on Environmental sites of National of International significance.	