

Construction programme Including Tunnel Elements

Description			Y1			Υ	2			Y3			Y	<b>'</b> 4			Y5			,	Y6			<b>Y</b> 7				Y8			γς	Э			Y10	
AZ1 Compounds / Logistics / Other Structures	Est. Construction Programme (Months)	01	2 02	04	01	02	02 0	01	02	02	04	01	02	02	04	01 (	22 0	22 04	01	02	02	04	01 (	22 (	02 04	01	02	02	04	01	02	02 0	4 01	02	02	04
Start to Estuary Station	r rogramme (months)	Q1 C	42 G3	G4	Q1	QZ	Q3 Q	· GI	QZ	. QS	Q4	Q1	QZ	Q3	Q4	Q1 C	32 Q	13 G4	G I	Q2	QS	Q4	Q1 C	42 G	23 Q4	Q I	Q/Z	QS	Q4	QI	QZ (	, Q.	יוט די	Q/Z	GO.	Q4
Estuary Station Main Compound	33																																$\overline{}$		_	
Estuary Railhead	60																																			
Broadmeadow and Ward River Viaduct	21																																		+	
Pedestrian Underpass																																	-	$\overline{}$	+	
Estuary Station to the R132 Under-crossing																																				
Seatown West Satellite Site	33																															—	$\overline{}$		_	
Estuary Court Satellite Site	36																																-	$\overline{}$	+	
Woodie's Satellite Site	54																																-	$\overline{}$	+	
Mantua Satellite Site (bridge demo)	54																			1								+				+	-		+	
Fingallian's Satellite Site (bridge demo)	24																			1								+				+	-		+	$\Box$
Surface Station	48																						<u> </u>					+				o	+	+	+	
Cut and Cover	69																															-	-	+	+-	
Retaining cut	51																																$\neg$		+	
U Section	15																																$\neg$		+	
Retaining Wall	6																																		_	
Seatown Station to Swords Central Station																																				
Seatown Station Compound	66																																			
North Dublin Corporate Business Park Compound Satellite Site	69																																			
Pavilion's Shopping Centre	69																																			
Surface Station	69																																			
Cut and Cover	63																																			
Retaining cut	60																																			
Swords Central Station to Fostertown Station																																				
Swords Central Station Compound	60																																			
Pinnock Hill Roundabout Satellite Site	51																																			
Surface Station	63																																			
Cut and Cover	42																																			
Retaining cut	30																																			
Fostertown to Airport North Portal																																				
Fostertown Station Compound	63																																	<u> </u>		
Nevinstown Lane Satellite Site	51																																			
Boland Satellite Site	66																																			
Surface Station	66																																			
Cut and Cover	42																																			
Retaining cut	51																																			
U Section	30																																			

Description			Y1			Y2			_Y	3			Y4			_Y	<b>'</b> 5			Y6			<b>Y</b> 7	7			Y8			. У	9			Y10	
AZ2 Compounds / Logistics / Other Structures	Est. Construction	01 02	Q3	Q4	01 0	2 Q3	04	01	Q2		04 Q1	_	_	Q4	Q1			04 01	Q2	_	Q4	01		Q3 Q4	Q1	_	Q3	Q4	Q1			Q4	Q1 Q2		Q4
Airport – Tunnels and Structures	Programme (Months)	Q1 Q2	Q3	Q4	α1 u	2 03	Q4	Q1	QZ.	<b>a</b> o (	ar QI	GZ.	<b>Q</b> 3	G4	-αι 	Q/Z	<b>a</b> 5	34 GI	GZ.	Q3	SPI .	aı (	sre	G4	Q1	QΖ	as .	G-4	a i	G/Z	<b>4</b> 5	Q-1	ar G2	90	Q4
Dublin Airport Station Compound	90																																		
Dublin Airport North Portal Compound	99																																-+	+	+-
Dublin Airport South Portal Compound	90																																-+	_	+-
Deep Station	57	,																															<del></del>		+
Portal North	60																																<del></del>		+
Portal South	81																																-+	_	+
U Section	15																																-+	_	1
Description			Y1			Y2			Υ	3			Y4			Υ	5			Y6			Y7	7			Y8			Υ	9			Y10	
AZ3 Compounds / Logistics / Other Structures	Est. Construction	Q1 Q2		Q4	Q1 Q		Q4	Q1			Q4 Q1	Q2	Q3	Q4	Q1			Q4 Q1	Q2	_	Q4	Q1 (	_	Q3 Q4	Q1	Q2	Q3	Q4	Q1			Q4	Q1 Q2		Q4
Airport South to Dardistown	Programme (Months)																																		
Cut and Cover	63	8																																	1
U Section	72																																-+	_	1
Dardistown Station, Depot and Access Works																																			
Stations Retaining Cuts	72																																		
Dardistown Station Compound	57	,																																	+
Dardistown Depot	57	,																																	+
Cut and Cover	60																																		+
Dardistown Railhead	39																																		+
M50 Viaduct and Approaches.																																			
Central Section Surface Works at M50 Crossing	54																																$\overline{}$		
M50 Viaduct	15	5																																	1
St. Anne's South of M50 Crossing	69																																		1
Northwood Station Compound	66	5																																	1
Retained Cut	33	3																																	
Cut and Cover	30																																		
Description																																			
	Est. Construction Programme (Months)		Y1			Y2			Υ	3			Y4			Υ	<b>'</b> 5			Y6			Y7				Y8			Υ	9			Y10	
AZ4 Compounds / Logistics / Other Structures	Trogramme (Months)	Q1 Q2	Q3	Q4	Q1 Q	2 Q3	Q4	Q1	Q2	Q3 (	Q4 Q1	Q2	Q3	Q4	Q1	Q2	Q3 (	Q4 Q1	Q2	Q3	Q4	Q1 (	Q2 (	Q3 Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1 Q2	Q3	Q4
Northwood Portal	90																																		
Northwood Station Compound/Deep Station	84																																		
Ballymun Station Compound/Deep Station	99																																		
Collins Avenue Station Compound/Deep Station	99																																		
Albert College Park Shaft Compound/Deep Station	63	3																																	
Griffith Park Station Compound/Deep Station	105	5																																	
Glasnevin Station Compound/Deep Station	102	2																																	
Mater Station Compound/Deep Station	105	5																																	
O'Connell Street Station Compound/Deep Station	99																																		
Tara Station Compound/Deep Station	105	5																																	
St Stephens Green Station Compound/Deep Station	105	5																																	
Charlemont Station Compound/Deep Station	102																																		

<b>—</b> • • • •	DUR	Y1		Υ	<b>'</b> 2		<b>Y3</b>		Υ	<b>'</b> 4		Y5		Υ	6		<b>Y7</b>			Y8		Y9		Υ1	10
Description			Q4			24 (		Q4 Q			Q1 Q		Q4			24 Q		Q4	Q1	Q2 Q3 Q4	Q1		Q4		
Airport Tunnel																									
Airport Tunnelling Overall Duration	15																								
Dublin Airport South Portal Construction & TBM preparation																									
Portal construction and TBM preparation (Pre-TBM)	36																								
Portal construction (Post-TBM)	30																								
Tunnelling																									
Tunnel to Dublin Airport station	12																								
Traverse Dublin Airport Station	3																								
Tunnel to Airport North Portal	6																								
City Tunnel																									
City Tunnel Overall Duration	69																								
Northwood Portal Construction & TBM Preparation																									
Northwood Portal Construction & TBM preparation	24																								
TBM Assembly & launch	6																						$\dagger$		
Tunelling																									
Tunnel to Ballymun Station	9																								
Traverse Ballymun Station	3																						$\dagger$		
Tunnel to Collins Avenue Station	6																								
Traverse Collins Avenue Station	3																						t		
Tunnel to Griffith Park Station	9																								
Traverse Griffith Park Station	3																								
Tunnel to Glasnevin Station	6																								
Traverse Glasnevin Station	6																								
Tunnel to Mater Station	6																								
Traverse Mater Station	3																								
Tunnel to O'Connell Street Station	6																								
Traverse O'Connell Street Station	3																								
Tunnel to Tara Station	6																								
Traverse Tara Station	3																								
Tunnel to St Stephen's Green Station	6																								
Traverse St Stephen's Green Station	6																								
Tunnel to Charlemont Station	6																								
Traverse Charlemont Station	3																								
Tunnel to tunnel end south of Charlemont	3																								
Evacuation & Ventilation Tunnels	0																								
Dublin Airport South Portal - Evacuation tunnel	6																								
Dublin Airport South Portal - Ventilation tunnel	6																								
Charlemont Station - Evacuation tunnel	0																								
	0																								

## Notes

1. Based on rounded dates from EIAR V6