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**Appendix 5.5**

**Advance Construction Plus Reduced Main Construction Programmes**

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# N2 Slane Bypass Project - Proposed Advance Works Contract Outline Programme

Activity	Duration	Dependencies	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10
<b>Site Controls</b>												
Set up Advance Works Compound and Access Routes	2 months		█	█								
Project Systems/Commuications Set up	1 month			█								
Environmental Operating Plan	2 months			█	█							
Archaeological Investigations	1 month				█							
Ecological Surveys	1 month				█							
Invasive Species Removal	1 month				█							
Set up Water Quality Monitoring System	1 month				█							
Water Quality Monitoring	1 month				█							
Set up Sediment and Erosion Control Measures	1 month				█							
<b>Works North of River Boyne</b>												
Permanent Access for Landowner 118/119	2 month	In advance of access/haul road			█	█						
Fencing	1 month					█						
Site Access/Haul Route	2 months						█	█				
Site Clearance, tree and hedge removal	1 month	Seasonal Restrictions, eg bird nesting					█					
Pre-earthworks drainage including Interceptor ditches and Attenuation Ponds 3 and 4	4 months							█	█	█	█	
Petrol Interceptors and Grit Vortices	2 months										█	
Culverts	1 month	May be seasonal constraints									█	
Construct Sediment fence and run-off collection trench around proposed works at the northern end of the Boyne bridge	1 month										█	
Demobilise	1 month											█
<b>River Boyne Bridge</b>												
Set up Advance Works Compound	2 months		█	█								
Traffic Management Plan and Approval	2 months		█	█								
Construct Sediment fencing and run-off control trnches				█								
Construct Temporary site access to Attenuation Pond 2	1 month				█							
Construct Attenuation Pond 2 incl. PI, Grit Seperator and outfalls	3 months					█	█	█				
Design and Construct Temporary bridge over canal	4 months		█	█	█	█						
Complete temporary access to facilitate bridge construction on South side of the river	2 months					█	█					
Fence off the site	1 month							█				
<b>Works to South of River Boyne</b>												
Set up site accesses and Temporary traffic management	1 month		█									
Fencing	1 month				█							
Site Clearance, tree and hedge removal	1 month					█						
Pre-earthworks drainage including Interceptor ditches and Attenuation Pond 1	2 months						█	█				
Diversion of ESB overhead power line	2 months					█	█					
Petrol Interceptors and Grit Vortices	1 month							█				
Culverts	1 month								█			



## N2 Slane Bypass Project - Reduced Outline Construction Programme after Advance Works Contract

Activity	Duration	Dependencies	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27	Month 28	Month 29	Month 30	Month 31	Month 32	Month 33		
Finishings	2 months	Finish after earthworks plug is removed																																			
Temporary Traffic Management for on road works and tie-ins	2 months																																				
Roadworks at tie-ins	2 months																																				
Public Lighting	1 month																																				
Landscaping	2 months																																				
Traffic Management Design and Approval to close Rosnaree Road	2 months																																				
Remove Earthworks plug A and progression of earthworks to River Boyne Bridge	4 months	Also dependent on relocating access to WP2																																			
Capping and Erosion control (vegetation) on side slopes	4 months																																				
Drainage on section south of River Boyne bridge	4 months																																				
Kerb and footway on section south of River Boyne bridge	2 months																																				
Road Restraint systems on section south of River Boyne bridge	1 month																																				
Pavement on section south of River Boyne bridge	2 months																																				
Construct Rosnaree Overbridge	7 months																																				
Complete Mainline Roadworks under Rosnaree Road	4 months																																				
<b>NS1 Works</b>																																					
Temporary Traffic Management Plan for on road works	3 months																																				
Implement Rolling Traffic Management Control																																					
Construct Roadworks	10 months	Work will be done in sections																																			
Construct Footway	10 months	Work will be done in sections																																			
Construct Public Lighting	9 months	Work will be done in sections																																			
Construct Gateway	1 month																																				
Construct signs and Lines	1 month																																				