

Task Name	Duration (Days)	Start	Finish	Predecessors	Resorce Names	May				May				May				May				June				June				June				June/July				July				July				July				July				July																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
						04/05/2020 - 10/05/2020				11/05/2020 - 17/05/2020				18/05/2020 - 24/05/2020				25/05/2020 - 31/05/2020				01/06/2020 - 07/06/2020				08/06/2020 - 14/06/2020				15/06/2020 - 21/06/2020				22/06/2020 - 28/06/2020				29/06/2020 - 05/07/2020				06/07/2020 - 12/07/2020				13/07/2020 - 19/07/2020				20/07/2020 - 26/07/2020				27/07/2020 - 02/08/2020				03/08/2020 - 09/08/2020																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
						M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
NPTCBC Bridge	68	06/05/2020	07/08/2020																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

Task Name	Duration (HRS)	Resorce Names	Gang A				Gang B				Total Labour Cost (Gang Cost*Duration (Hrs))
			Experianced Worker (Craft Rate)	Experianced Worker Skill Level 1)	Labourer (Skill Level 4)	Labourer (Skill Level 4)	Experianced Worker (Craft Rate)	Experianced Worker Skill Level 1)	Labourer (Skill Level 4)	Labourer (Skill Level 4)	
<u>NPTCBC Bridge</u>			gang A		£45.30						
1. Site Set Up											
1.1 Site Clearance/Access	8	Gang A & B	£12.70	£12.06	£10.27	£10.27	£12.70	£12.06	£10.27	£10.27	£724.80
1.2 Welfare Set Up	16	Gang A	£12.70	£12.06	£10.27	£10.27					£724.80
1.3 Material Delivery (Phase 1)	32	Gang B					£12.70	£12.06	£10.27	£10.27	£1,449.60
1.4 Plant Arriral	8	Gang B					£12.70	£12.06	£10.27	£10.27	£362.40
1.5 CAT Scan/Site Set Out	16	Gang A	£12.70	£12.06	£10.27	£10.27					£724.80
2.Piling											
2.1 Excavation	24	Gang A & B	£12.70	£12.06	£10.27	£10.27	£12.70	£12.06	£10.27	£10.27	£2,174.40
2.2 Piling	80	Specialist Contractors									
2.3 Pile Cap Formation	40	Gang A & B	£12.70	£12.06	£10.27	£10.27	£12.70	£12.06	£10.27	£10.27	£2,174.40
3.Bridge Support Structure											
3.1 Formwork	40	Gang A & B	£12.70	£12.06	£10.27	£10.27	£12.70	£12.06	£10.27	£10.27	£3,624.00
3.2 Casting	40	Gang A & B	£12.70	£12.06	£10.27	£10.27	£12.70	£12.06	£10.27	£10.27	£5,073.60
4.Bridge Sections											
4.1 Module 1 Installed	16	Specialist Contractors									
4.2 Module 2 Installed	16	Specialist Contractors									
4.3 Module 3 Installed	16	Specialist Contractors									
4.4 Module 4 Installed	16	Specialist Contractors									
5.Embankment Construction											
5.1 Material Delivery (Phase 2)	40	Gang A & B	£12.70	£12.06	£10.27	£10.27	£12.70	£12.06	£10.27	£10.27	£3,624.00
5.2 Backfilling of Material	40	Gang A & B	£12.70	£12.06	£10.27	£10.27	£12.70	£12.06	£10.27	£10.27	£3,624.00
6.Highways Construction											
6.1 Subbase/Road Base Installed	40	Gang A & B	£12.70	£12.06	£10.27	£10.27	£12.70	£12.06	£10.27	£10.27	£2,174.40
6.2 Drainage Installed	16	Gang A	£12.70	£12.06	£10.27	£10.27					£724.80
6.3 Street Lighting Installed	16	Gang B					£12.70	£12.06	£10.27	£10.27	£724.80
6.4 Kerb Line Installed	24	Gang A & B	£12.70	£12.06	£10.27	£10.27	£12.70	£12.06	£10.27	£10.27	£2,174.40
6.5 Binder Course Installed	40	Gang A	£12.70	£12.06	£10.27	£10.27	£12.70	£12.06	£10.27	£10.27	£1,449.60
6.6 Surface Course Installed	32	Gang B	£12.70	£12.06	£10.27	£10.27	£12.70	£12.06	£10.27	£10.27	£1,449.60
6.7 Fencing Installed	8	Gang A	£12.70	£12.06	£10.27	£10.27					£362.40
7.Finishing											
7.1 Road Markings	8	Gang B					£12.70	£12.06	£10.27	£10.27	£724.80
7.2 Top Soil/Grass Seeing	32	Gang A & B	£12.70	£12.06	£10.27	£10.27	£12.70	£12.06	£10.27	£10.27	£2,899.20
7.3 Site Clearance	8	Gang A & B	£12.70	£12.06	£10.27	£10.27	£12.70	£12.06	£10.27	£10.27	£724.80
Total Gang Hours											
Gang A											440
Gang B											472
Total Labour Cost (2*4person Gangs)											£37,689.60