







ID	Task Name	Resource Names	Duration	Start	Finish	Gantt Chart Timeline																	
						Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
166	Prepare controller build forms	Jacobs	5 days	Tue 12/11/19	Mon 18/11/19																		
167	Determine SCOOT control strategy and preparing SCOOT 'node/link' drawing(s)	Siemens	15 days	Tue 08/10/19	Mon 28/10/19																		
168	Health and safety documentation	Jacobs	5 days	Tue 19/11/19	Mon 25/11/19																		
169	<b>Consultation and approvals</b>		<b>90 days</b>	<b>Tue 10/09/19</b>	<b>Tue 21/01/20</b>																		
170	B&NES review and approval	B&NES	10 days	Tue 26/11/19	Mon 09/12/19																		
171	Consultation with selected contractor(s)	B&NES,Jacobs	30 days	Tue 10/09/19	Mon 21/10/19																		
172	Site visits	B&NES,Jacobs	30 days	Tue 08/10/19	Mon 18/11/19																		
173	Communications with affected stakeholders inc public consultation	B&NES,Jacobs	70 days	Tue 08/10/19	Tue 21/01/20																		
174	<b>Works package and orders</b>		<b>16 days</b>	<b>Tue 10/12/19</b>	<b>Wed 08/01/20</b>																		
175	Confirm specification, cost & programme	Contractor,B&NES	15 days	Tue 10/12/19	Tue 07/01/20																		
176	Order - Dynniq	B&NES	1 day	Wed 08/01/20	Wed 08/01/20																		
177	Order - Volker Highways (ducting, kerbing, white lining)	B&NES	1 day	Wed 08/01/20	Wed 08/01/20																		
178	Order - Siemens for SCOOT	B&NES	1 day	Wed 08/01/20	Wed 08/01/20																		
179	Order - B&NES IT for CCTV	B&NES	1 day	Wed 08/01/20	Wed 08/01/20																		
180	Order - Select (fibre connections and possibly CCTV)	B&NES	1 day	Wed 08/01/20	Wed 08/01/20																		
181	<b>ANPR Camera Implementation</b>		<b>200 days</b>	<b>Fri 11/10/19</b>	<b>Thu 30/07/20</b>																		
182	Provision of supplementary contractor details for ANPR, connectivity and specification	Contractor	20 days	Fri 11/10/19	Thu 07/11/19																		
183	Final review and acceptance of ANPR camera detailed design and specification	Contractor	20 days	Fri 08/11/19	Thu 05/12/19																		
184	Mobilisation, component acquisition, assembly & production	Contractor	60 days	Fri 06/12/19	Fri 06/03/20																		
185	Site installation - street lighting, poles, cameras and power	Contractor	100 days	Mon 09/03/20	Thu 30/07/20																		
186	<b>Communications Network Implementation</b>		<b>180 days</b>	<b>Tue 24/09/19</b>	<b>Mon 15/06/20</b>																		
187	Provision of supplementary contractor details for communications	Select	20 days	Tue 24/09/19	Mon 21/10/19																		
188	Final review and acceptance of communications specifications	B&NES,Jacobs	20 days	Tue 22/10/19	Mon 18/11/19																		
189	Mobilisation, component acquisition, assembly and production	Select	40 days	Tue 19/11/19	Tue 21/01/20																		
190	Installation (comms network and terminations)	Select	100 days	Wed 22/01/20	Mon 15/06/20																		
191	<b>Signage Installation</b>		<b>115 days</b>	<b>Tue 07/01/20</b>	<b>Fri 19/06/20</b>																		
192	Mobilisation, hardware acquisition, assembly and production	Volker Highways	30 days	Tue 07/01/20	Mon 17/02/20																		
193	Site surveys	B&NES,Jacobs,Volker H	20 days	Tue 07/01/20	Mon 03/02/20																		
194	Installation - boundary	Volker Highways	75 days	Tue 04/02/20	Thu 21/05/20																		
195	Installation - internal	Volker Highways	40 days	Tue 04/02/20	Mon 30/03/20																		
196	Installation - advanced	Volker Highways	75 days	Tue 04/02/20	Thu 21/05/20																		
197	Review and acceptance	B&NES,Volker Highway	20 days	Fri 22/05/20	Fri 19/06/20																		
198	<b>Back Office System Implementation</b>		<b>170 days</b>	<b>Fri 15/11/19</b>	<b>Thu 23/07/20</b>																		
199	Detailed design of back office system	Contractor	20 days	Fri 15/11/19	Thu 12/12/19																		
200	Provision of Final System Specification (FSS)	Contractor	5 days	Fri 13/12/19	Thu 19/12/19																		
201	Agreement of back office detailed design and FSS	B&NES	10 days	Fri 20/12/19	Fri 10/01/20																		
202	Mobilisation, component acquisition, assembly & production	Contractor	20 days	Mon 13/01/20	Fri 07/02/20																		
203	Integration with central government system	B&NES,JAQU	20 days	Mon 13/01/20	Fri 07/02/20																		
204	Back office installation	Contractor	100 days	Mon 10/02/20	Thu 02/07/20																		
205	Site acceptance testing	B&NES,Contractor	15 days	Fri 03/07/20	Thu 23/07/20																		
206	<b>Queen Square Traffic Management - Implementation</b>		<b>75 days</b>	<b>Thu 09/01/20</b>	<b>Fri 24/04/20</b>																		
207	Mobilisation	Contractor	20 days	Thu 09/01/20	Wed 05/02/20																		
208	Construction - civils	Volker Highways	20 days	Thu 06/02/20	Wed 04/03/20																		
209	Resurfacing and lining	Volker Highways	5 days	Thu 05/03/20	Wed 11/03/20																		
210	Slot cutting	Select	10 days	Thu 12/03/20	Wed 25/03/20																		
211	Signals installation inc power supplies	Dynniq	15 days	Thu 26/03/20	Fri 17/04/20																		
212	SAT and commissioning	Dynniq	5 days	Mon 20/04/20	Fri 24/04/20																		
213	<b>System Integration Testing, Monitoring and Handover</b>		<b>58 days</b>	<b>Fri 10/07/20</b>	<b>Wed 30/09/20</b>																		
214	System/comms integration end to end testing	B&NES,Contractor	15 days	Fri 10/07/20	Thu 30/07/20																		
215	Performance monitoring	B&NES,Contractor	28 days	Fri 31/07/20	Wed 09/09/20																		
216	Handover	B&NES,Contractor	15 days	Thu 10/09/20	Wed 30/09/20																		
217	Preparation of CAZ System for Operation	B&NES,Contractor	23 days	Thu 01/10/20	Mon 02/11/20																		
218	Baseline monitoring	B&NES	20 days	Tue 06/10/20	Mon 02/11/20																		
219	<b>CAZ Operation Ready to Commence</b>	<b>B&amp;NES</b>	<b>0 days</b>	<b>Mon 02/11/20</b>	<b>Mon 02/11/20</b>																		