

Peter Brett Associates
East Reading Mass Rapid Transit
Feasibility Report Indicative Programme - Construction Phase Summary

ID	Name	Start	Duration	Finish	2021												2022																																																							
					January				February				March				April				May				June				July				August				September				October				November				December				January				February				March				April				May			
					4	11	18	25	1	8	15	22	1	8	15	22	29	5	12	19	26	3	10	17	24	31	7	14	21	28	4	11	18	25	1	8	15	22	29	5	12	19	26	3	10	17	24	31	7	14	21	28	4	11	18	25	1	8	15	22	29	5	12	19	26	3	10	17				
146	CONSTRUCTION	22-Jan-18	1026d	21-Mar-22																																																																				
147	ADVANCED WORKS	22-Jan-18	573d	19-May-20																																																																				
148	Ecological Site Clearance Works (Assumed 3 months)	22-Jan-18	3mo	25-Apr-18																																																																				
149	Clear Vegetation for Tesco Car Park Adjustments	17-Feb-20	10d	28-Feb-20																																																																				
150	Mobilise for Stats Diversion Works	22-Jul-19	20d	16-Aug-19																																																																				
151	Relocate 33kva O/H & 132 U/G Cables	17-Aug-19	9mo	17-May-20																																																																				
152	Complete Relocation of 33kva O/H & 132kva U/G Cables (BST Only)	18-May-20	0d	18-May-20																																																																				
153	Relocate MP, IP & HP Gas Mains (12-16 weeks lead in Assumed)	03-Oct-19	150d	18-May-20																																																																				
154	Complete Relocation of MP, IP & HP Gas Mains (BST Only)	19-May-20	0d	19-May-20																																																																				
155	Relocate 2 x F/O Cables (Assume 10 weeks)	05-Mar-20	50d	18-May-20																																																																				
156	Complete P&R Spur Section for Use as Access to Highway	18-May-20	0d	18-May-20																																																																				
157	KEY MILESTONES	20-Apr-20	473d	21-Mar-22																																																																				
158	Construction Mobilisation	20-Apr-20	20d	18-May-20																																																																				
159	Start Main Construction Works	18-May-20	0d	18-May-20																																																																				
160	Construction Period	19-May-20	94w	07-Mar-22																																																																				
161	Planned Finish	07-Mar-22	0d	07-Mar-22																																																																				
162	Demobilise & Clear Site	08-Mar-22	10d	21-Mar-22																																																																				
163	"OFF-SITE" WORKS	19-May-20	105d	14-Oct-20																																																																				
164	Adjustments to Tesco Car Park & Access Road	19-May-20	45d	21-Jul-20																																																																				
165	Additional Bus Lane Works at Kings Meadow Western Rd R/A	22-Jul-20	60d	14-Oct-20																																																																				
166	WEST APPROACH	19-May-20	298d	30-Jul-21																																																																				
167	Top Soil Strip	19-May-20	11d	03-Jun-20																																																																				
168	Excavate to Embankment Formation	04-Jun-20	16d	25-Jun-20																																																																				
169	Construct Base Layer/ Haul Road to Bridge Abutment	05-Jun-20	16d	26-Jun-20																																																																				
170	Piling Platform	29-Jun-20	5d	03-Jul-20																																																																				
171	Piling (CFA)	06-Jul-20	4d	09-Jul-20																																																																				
172	Sheet Piling (Cofferdam)	10-Jul-20	5d	16-Jul-20																																																																				
173	Excavate, Break Down Piles & Test	17-Jul-20	5d	23-Jul-20																																																																				
174	FRC Pilecap	24-Jul-20	5d	30-Jul-20																																																																				
175	Waterproofing, Backfill & Remove Sheet Piles	31-Jul-20	4d	05-Aug-20																																																																				
176	FRC West Abutment	06-Aug-20	25d	10-Sep-20																																																																				
177	Construction Bearing Plinths	11-Sep-20	5d	17-Sep-20																																																																				
178	Cutting	18-Sep-20	5d	24-Sep-20																																																																				
179	Construct Crane Platform	18-Sep-20	5d	24-Sep-20																																																																				
180	Bridge Beams Can be Installed	24-Sep-20	0d	24-Sep-20																																																																				
181	FRC Wing Walls	11-Sep-20	20d	08-Oct-20																																																																				
182	Bulk (RE wall) Fill to Embankment	08-Oct-20	70d	28-Jan-21	Bulk (RE wall) Fill to Embankment																																																																			
183	Access to Construction Bridge Deck Available	28-Jan-21	0d	28-Jan-21																																																																				
184	Parapet Construction	30-Oct-20	70d	18-Feb-21	Parapet Construction																																																																			
185	Main Drainage Runs	29-Jan-21	36d	19-Mar-21	Main Drainage Runs																																																																			
186	Excavate Road Box & Sub-Base	15-Mar-21	10d	26-Mar-21	Excavate Road Box & Sub-Base																																																																			
187	Kerbs	22-Mar-21	15d	13-Apr-21	Kerbs																																																																			
188	Gullies & Connections	29-Mar-21	15d	20-Apr-21	Gullies & Connections																																																																			
189	Trim Sub-Base	21-Apr-21	6d	28-Apr-21	Trim Sub-Base																																																																			
190	Base & Binder Course	29-Apr-21	6d	07-May-21	Base & Binder Course																																																																			
191	Ironwork	29-Apr-21	17d	02-Jun-21	Ironwork																																																																			
192	Ducts, Lighting, Signs & Signals in Verges	10-May-21	20d	07-Jun-21	Ducts, Lighting, Signs & Signals in Verges																																																																			
193	Cabling to L/Columns, signs & Signals	10-May-21	10d	21-Jun-21	Cabling to L/Columns, signs & Signals																																																																			
194	Edgings to Cycle/Footway	08-Jun-21	10d	21-Jun-21	Edgings to Cycle/Footway																																																																			
195	Sub-Base to Cycle/Footway	08-Jun-21	6d	29-Jun-21	Sub-Base to Cycle/Footway																																																																			
196	Binder to Cycle/Footway	22-Jun-21	4d	05-Jul-21	Binder to Cycle/Footway																																																																			
197	Safety Fencing & Guardrails	30-Jun-21	5d	12-Jul-21	Safety Fencing & Guardrails																																																																			
198	Topsail & Planting	06-Jul-21	15d	26-Jul-21	Topsail & Planting																																																																			
199	Surface Course to Cycle/ Footway	06-Jul-21	2d	28-Jul-21	Surface Course to Cycle/ Footway																																																																			
200	Surface Course to Carriageway	27-Jul-21	1d	29-Jul-21	Surface Course to Carriageway																																																																			
201	Road Marking	29-Jul-21	1d	30-Jul-21	Road Marking																																																																			
202	BRIDGE DECK	30-Jul-21	279d	10-Nov-21																																																																				
203	Install Bridge Beams	25-Sep-20	2d	28-Sep-20																																																																				
204	Install Permanent Formwork	25-Sep-20	5d	04-Feb-21	Install Permanent Formwork																																																																			
205	FRC Deck	29-Jan-21	25d	11-Mar-21	FRC Deck																																																																			
206	Parapets	05-Feb-21	10d	13-Sep-21	Parapets																																																																			
207	Waterproofing & Protection	31-Aug-21	5d	10-Nov-21	Waterproofing & Protection																																																																			
208	VIADUCT DECK	04-Nov-20	250d	24-Nov-21																																																																				
209	Install Viaduct Beams	19-Nov-20	219d	12-Oct-21	Install Viaduct Beams																																																																			
216	Install Permanent Formwork & FRC Deck	26-Mar-21	149d	27-Oct-21	Install Permanent Formwork & FRC Deck																																																																			
223	Parapets	30-Sep-21	30d	10-Nov-21	Parapets																																																																			
224	Waterproofing & Protection	11-Nov-21	10d	24-Nov-21	Waterproofing & Protection																																																																			
225	EAST APPROACH	19-May-20	443d	07-Mar-22																																																																				
226	Topsail Strip	19-May-20	3d	21-May-20																																																																				
227	Construct Haul Road to Viaduct Piers	22-May-20	10d	05-Jun-20																																																																				
228	Piling Platforma (9no)	08-Jun-20	15d	26-Jun-20																																																																				
229	Piling (CFA) (Pier 1 & North Side of Piers 2-8)	29-Jun-20	28d	05-Aug-20																																																																				
230	Piling (CFA) (South Side of Piers 2-8)	06-Aug-20	27d	14-Sep-20																																																																				
231	Pier (Bridge Abutment)	08-Jul-20	42d	04-Sep-20																																																																				
240	Piers 2,3 & 4	28-Aug-20	58d	18-Nov-20																																																																				
249	Pier 5	25-Nov-20	42d	04-Feb-21	Pier 5																																																																			
258	Pier 6	08-Feb-21	42d	08-Apr-21	Pier 6																																																																			
267	Pier 7	12-Apr-21	42d	10-Jun-21	Pier 7																																																																			
276	Pier 8	14-Jun-21	42d	10-Aug-21	Pier 8																																																																			
285	East Abutment	12-Aug-21	42d	11-Oct-21	East Abutment																																																																			
294	Backfill Abutment, Approach & Reinstate Under Viaduct	13-Oct-21	5d	19-Oct-21	Backfill Abutment, Approach & Reinstate Under Viaduct																																																																			
295	Main Drainage Runs	20-Oct-21	5d	26-Oct-21	Main Drainage Runs																																																																			
296	Excavate Road Box & Sub-Base	27-Oct-21	2d	28-Oct-21	Excavate Road Box & Sub-Base																																																																			
297	Kerbs	25-Nov-21	8d	06-Dec-21	Kerbs																																																																			
298	Gullies & Connections	07-Dec-21	15d	10-Jan-22	Gullies & Connections																																																																			
299	Trim Sub-Base	11-Jan-22	6d	18-Jan-22	Trim Sub-Base																																																																			
300	Base & Binder Course	19-Jan-22	4d	24-Jan-22	Base & Binder Course																																																																			
301	Ironwork	25-Jan-22	17d	16-Feb-22	Ironwork																																																																			
302	Ducts, Lighting, Signs & Signals in Verges	25-Jan-22	5d	31-Jan-22	Ducts, Lighting, Signs & Signals in Verges																																																																			
303	Cabling to L/Columns, signs & Signals	01-Feb-22	5d	07-Feb-22	Cabling to L/Columns, signs & Signals																																																																			
304	Edgings to Cycle/Footway	01-Feb-22	5d	07-Feb-22	Edgings to Cycle/Footway																																																																			
305	Sub-Base to Cycle/Footway	08-Feb-22	3d	10-Feb-22	Sub-Base to Cycle/Footway																																																																			
306	Binder to Cycle/Footway	11-Feb-22	2d	14-Feb-22	Binder to Cycle/Footway																																																																			
307	Safety Fencing & Guardrails	15-Feb-22	7d	23-Feb-22	Safety Fencing & Guardrails																																																																			
308	Topsail & Planting	15-Feb-22	5d	21-Feb-22	Topsail & Planting																																																																			
309	Surface Course to Cycle/ Footway	24-Feb-22	1d	24-Feb-22	Surface Course to Cycle/ Footway																																																																			
310	Surface Course to Carriageway	25-Feb-22	1d	25-Feb-22	Surface Course to Carriageway																																																																			
311	Road Marking & Induction Loops	28-Feb-22	1d	28-Feb-22	Road Marking & Induction Loops																																																																			
312	Commission Traffic Signals	01-Mar-22	5d	07-Mar-22	Commission Traffic Signals																																																																			