Peter Brett Associates
East Reading Mass Rapid Transit
ECI Review - Construction Phase Programme Summary

ID	Name	Start	Duration	Finish
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 33kwa O/H & 132 U/G Cables	17-Aug-19	9mo	17-May-20
152	Complete Relocation of 33kwa O/H & 1322kwa 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
183	Access to Construction Bridge Deck Avaliable	28-Jan-21	0d	28-Jan-21
184	Parapet Construction	30-Oct-20	70d	18-Feb-21
185	Main Drainage Runs	29-Jan-21	36d	19-Mar-21
186	Excavate Road Box & Sub-Base	15-Mar-21	10d	26-Mar-21
187	Kerbs	22-Mar-21	15d	13-Apr-21
188	Gullies & Connections	29-Mar-21	15d	20-Apr-21
189	Trim Sub-Base	21-Apr-21	6d	28-Apr-21
190	Base & Binder Course	29-Apr-21	6d	07-May-21
191	Ironwork	29-Apr-21	17d	02-Jun-21
192	Ducts, Lighting, Signs & Signals in Verges	10-May-21	20d	07-Jun-21
193	Cabling to L/Columns, signs & Signals	10-May-21	10d	21-Jun-21
194	Edgings to Cycle/Footway	08-Jun-21	10d	21-Jun-21
195	Sub-Base to Cycle/Footway	08-Jun-21	6d	29-Jun-21
196	Binder to Cycle/Footway	22-Jun-21	4d	05-Jul-21
197	Safety Fencing & Guardrails	30-Jun-21	5d	12-Jul-21
198	Topsoil & Planting	06-Jul-21	15d	26-Jul-21
199	Surface Course to Cycle/ Footway	06-Jul-21	2d	28-Jul-21
200	Surface Course to Carriageway	27-Jul-21	1d	29-Jul-21
201	Road Marking	29-Jul-21	1d	30-Jul-21
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
205	FRC Deck	29-Jan-21	25d	11-Mar-21
206	Parapets	05-Feb-21	10d	13-Sep-21
207	Waterproofing & Protection	31-Aug-21	5d	10-Nov-21
208	VIADUCT DECK	04-Nov-20	250d	24-Nov-21
209	Install Viaduct Beams	19-Nov-20	219d	12-Oct-21
216	Install Permanent Formwork & FRC Deck	26-Mar-21	149d	27-Oct-21
223	Parapets	30-Sep-21	30d	10-Nov-21
224	Waterproofing & Proctection	11-Nov-21	10d	24-Nov-21
225	EAST APPROACH	19-May-20	443d	07-Mar-22
226	Topsoil 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
258	Pier 6	08-Feb-21	42d	08-Apr-21
267	Pier 7	12-Apr-21	42d	10-Jun-21
276	Pier 8	14-Jun-21	42d	10-Aug-21
285	East Abutment	12-Aug-21	42d	11-Oct-21
294	Backfill Abutment, Approach & Reinstate Under Viaduct	13-Oct-21	5d	19-Oct-21
295	Main Drainage Runs	20-Oct-21	5d	26-Oct-21
296	Excavate Road Box & Sub-Base	27-Oct-21	2d	28-Oct-21
297	Kerbs	25-Nov-21	8d	06-Dec-21
298	Gullies & Connections	07-Dec-21	15d	10-Jan-22
299	Trim Sub-Base	11-Jan-22	6d	18-Jan-22
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302	Ducts, Lighting, Signs & Signals in Verges	25-Jan-22	5d	31-Jan-22
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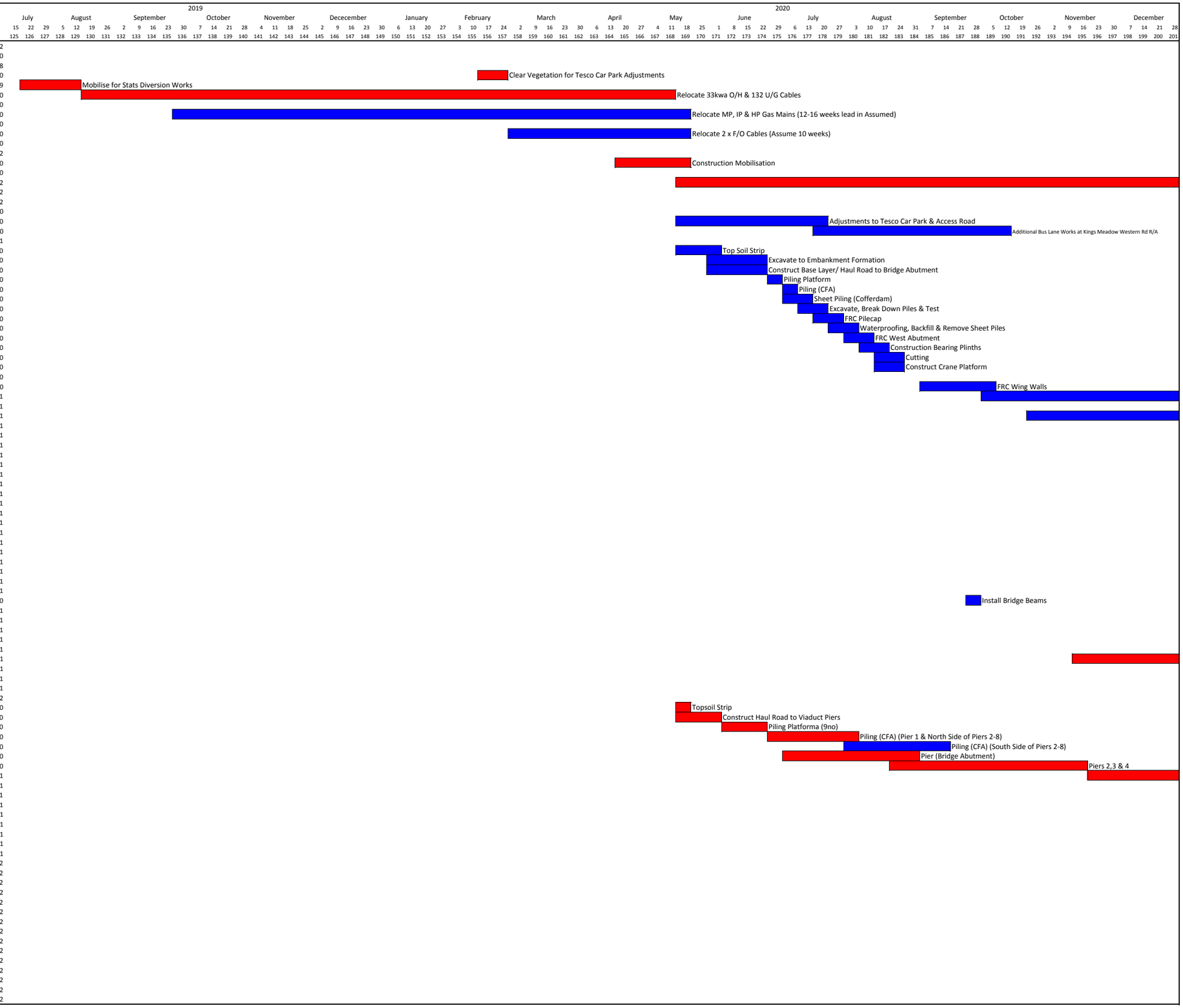
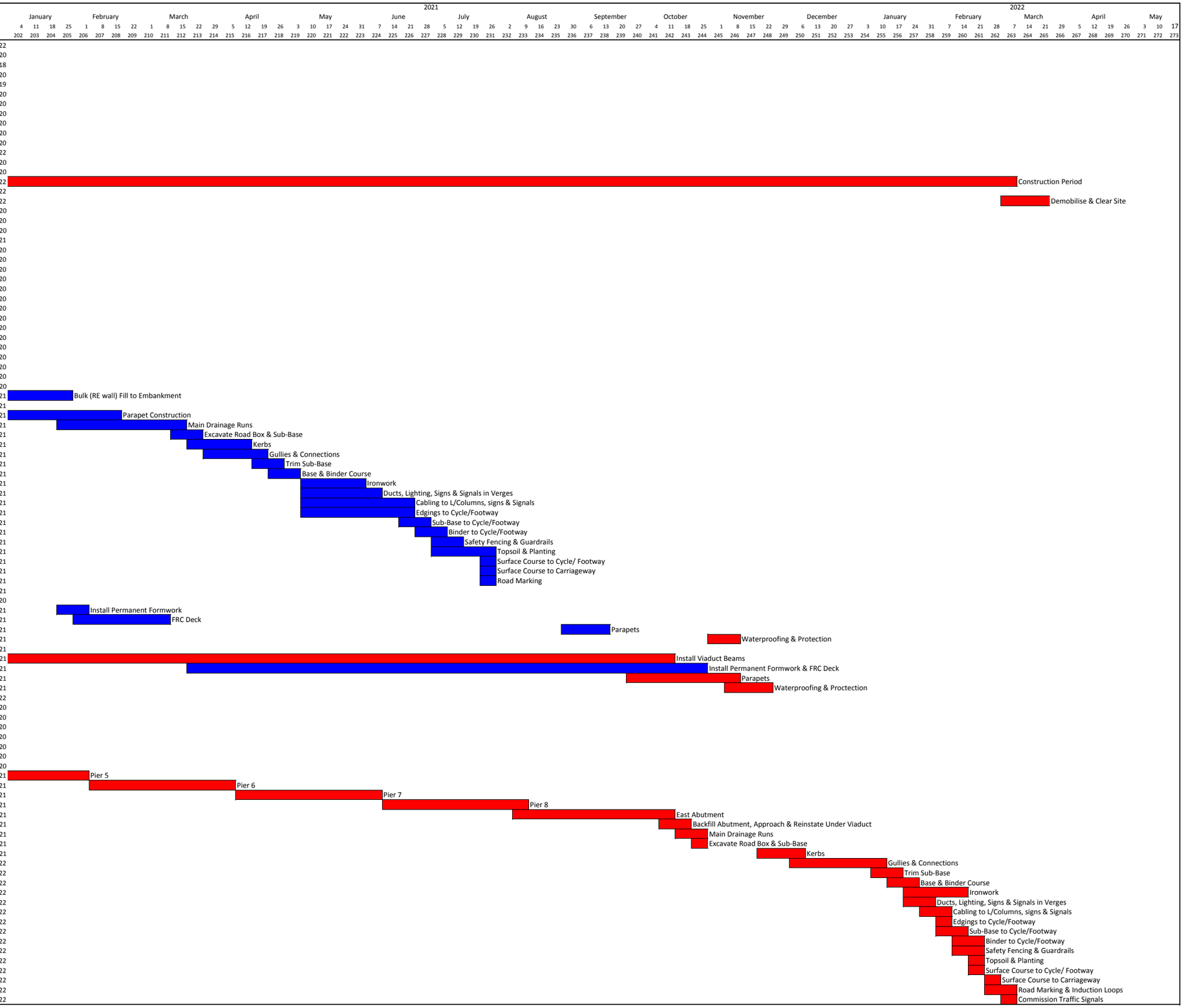
309	Surface Course to Cycle/ Footway	24-Feb-22	1d	24-Feb-22
310	Surface Course to Carriageway	25-Feb-22	1d	25-Feb-22
311	Road Marking & Induction Loops	28-Feb-22	1d	28-Feb-22
312	Commission Traffic Signals	01-Mar-22	5d	07-Mar-22



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

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