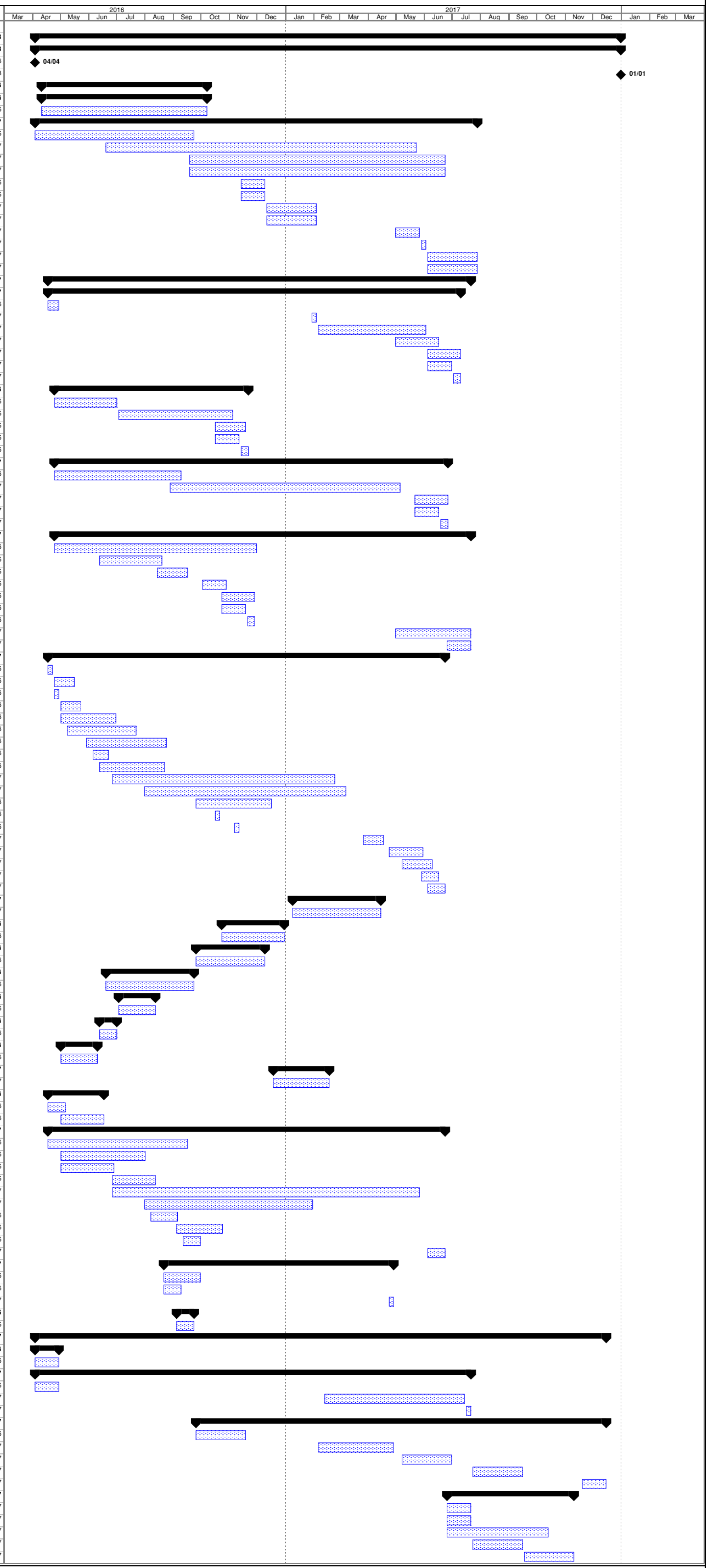
CROXLEY RAIL LINK

INDICATIVE CIVIL CONSTRUCTION AND RAIL PROGRAMME - RFA TIMELINE

ID	Task Name	Duration	Start	Finish
1				
2	**Key Dates**	**455 days**	**Mon 04/04/16**	**Mon 01/01/18**
3	**Key Dates**	**455 days**	**Mon 04/04/16**	**Mon 01/01/18**
4	Commence Construction Phase	0 days	Mon 04/04/16	Mon 04/04/16
5	Handover New Railway	0 days	Mon 01/01/18	Mon 01/01/18
6	**Design & Pre-construction**	**130 days**	**Mon 11/04/16**	**Fri 07/10/16**
7	**Electrical**	**130 days**	**Mon 11/04/16**	**Fri 07/10/16**
8	Power Supply Design	130 days	Mon 11/04/16	Fri 07/10/16
9	**Signalling**	**345 days**	**Mon 04/04/16**	**Fri 28/07/17**
10	Development of Scope	125 days	Mon 04/04/16	Fri 23/09/16
11	Disruptive Possession Booking	242 days	Mon 20/06/16	Tue 23/05/17
12	Signalling Design	200 days	Mon 19/09/16	Fri 23/06/17
13	SSI Design	200 days	Mon 19/09/16	Fri 23/06/17
14	Design Watford Junction Enabling Works	20 days	Mon 14/11/16	Fri 09/12/16
15	Design Watford High Street Enabling Works	20 days	Mon 14/11/16	Fri 09/12/16
16	NWR Approval of Watford Junction Enabling Works	40 days	Mon 12/12/16	Fri 03/02/17
17	NWR Approval of Watford High Street Enabling	40 days	Mon 12/12/16	Fri 03/02/17
18	HMRI Documentation	20 days	Mon 01/05/17	Fri 26/05/17
19	HMRI Documentation Approval	5 days	Mon 29/05/17	Fri 02/06/17
20	NWR Approval of Signalling Design	40 days	Mon 05/06/17	Fri 28/07/17
21	NWR Approval of SSI Design	40 days	Mon 05/06/17	Fri 28/07/17
22	**Civil Construction**	**330 days**	**Mon 18/04/16**	**Fri 21/07/17**
23	**Ascot Road Station**	**321 days**	**Mon 18/04/16**	**Mon 10/07/17**
24	Ascot Road New Station Car Park Site Clearance	10 days	Mon 18/04/16	Fri 29/04/16
25	Demolish Ascot Road Underbridge	5 days	Mon 30/01/17	Fri 03/02/17
26	New Ascot Road Station Platforms and Station	85 days	Mon 06/02/17	Fri 02/06/17
27	New 200 Space Car Park for New Ascot Road Station	35 days	Mon 01/05/17	Fri 16/06/17
28	Platform Ancillaries & Services (FE)	26 days	Mon 05/06/17	Mon 10/07/17
29	Provide Station Communications	20 days	Mon 05/06/17	Fri 30/06/17
30	Test Station Communications	6 days	Mon 03/07/17	Mon 10/07/17
31	**Modifications to Watford High Street Station**	**151 days**	**Mon 25/04/16**	**Mon 21/11/16**
32	Existing Track Realigned by FE complete	50 days	Mon 25/04/16	Fri 01/07/16
33	Extend Plats & Mods to Watford High Street Station	90 days	Mon 04/07/16	Fri 04/11/16
34	Platform Ancillaries & Services (FE)	25 days	Mon 17/10/16	Fri 18/11/16
35	Provide Station Communications	20 days	Mon 17/10/16	Fri 11/11/16
36	Test Station Communications	6 days	Mon 14/11/16	Mon 21/11/16
37	**Mods to Watford Junction Station**	**306 days**	**Mon 25/04/16**	**Mon 26/06/17**
38	Realign Track & Signalling by FE to accommodate works	100 days	Mon 25/04/16	Fri 09/09/16
39	Extend 5 Plats and Mods to Watford Junction Station	180 days	Mon 29/08/16	Fri 05/05/17
40	Platform Ancillaries & Services (FE)	26 days	Mon 22/05/17	Mon 26/06/17
41	Provide Station Communications	20 days	Mon 22/05/17	Fri 16/06/17
42	Test Station Communications	6 days	Mon 19/06/17	Mon 26/06/17
43	**Reconstruct Watford West Station**	**325 days**	**Mon 25/04/16**	**Fri 21/07/17**
44	Watford West Station	158 days	Mon 25/04/16	Wed 30/11/16
45	3m Wide Access Path to Vicarage Road	50 days	Mon 13/06/16	Fri 19/08/16
46	Watford West North Platform	25 days	Mon 15/08/16	Fri 16/09/16
47	Watford West South Platform	20 days	Mon 03/10/16	Fri 28/10/16
48	Platform Ancillaries & Services (FE)	26 days	Mon 24/10/16	Mon 28/11/16
49	Provide Station Communications	20 days	Mon 24/10/16	Fri 18/11/16
50	Test Station Communications	6 days	Mon 21/11/16	Mon 28/11/16
51	Install & Test Ops Communications	60 days	Mon 01/05/17	Fri 21/07/17
52	Install Telecoms Cables across Viaduct	20 days	Mon 26/06/17	Fri 21/07/17
53	**Viaduct**	**310 days**	**Mon 18/04/16**	**Fri 23/06/17**
54	Bored Pilling	5 days	Mon 18/04/16	Fri 22/04/16
55	West Abutment Pilecap Foundation	16 days	Mon 25/04/16	Mon 16/05/16
56	Bored Pilling	5 days	Mon 25/04/16	Fri 29/04/16
57	East Abutment Pilecap Foundation	16 days	Mon 02/05/16	Mon 23/05/16
58	Piers Bored Pilling	44 days	Mon 02/05/16	Thu 30/06/16
59	Viaduct RC Piers Pile Caps	55 days	Mon 09/05/16	Fri 22/07/16
60	West Abutment RC Abutment and Wing Walls	63 days	Mon 30/05/16	Wed 24/08/16
61	East Abutment RC Substructure	13 days	Mon 06/06/16	Wed 22/06/16
62	RC Piers	51 days	Mon 13/06/16	Mon 22/08/16
63	RC Deck Spans SP8, 7 & 6	174 days	Mon 27/06/16	Thu 23/02/17
64	RC Deck Spans SP3, 2 and 1	157 days	Mon 01/08/16	Tue 07/03/17
65	RC Deck Span 5	60 days	Mon 26/09/16	Fri 16/12/16
66	Move Span SP4: PCC Deck Into Final Location	5 days	Mon 17/10/16	Fri 21/10/16
67	Move Span SP9: PCC Deck Into Final Location	5 days	Mon 07/11/16	Fri 11/11/16
68	Final Viaduct Deck Stressing	16 days	Mon 27/03/17	Mon 17/04/17
69	Erection of PCC Parapets	27 days	Mon 24/04/17	Tue 30/05/17
70	Cast F Blocks/Kerbs	25 days	Mon 08/05/17	Fri 09/06/17
71	Deck Waterproofing	15 days	Mon 29/05/17	Fri 16/06/17
72	Parapet Cable Brackets	15 days	Mon 05/06/17	Fri 23/06/17
73	**Cardiff Road Underbridge**	**70 days**	**Mon 09/01/17**	**Fri 14/04/17**
74	Cardiff Road Underbridge Demo Deck and New Bridge	70 days	Mon 09/01/17	Fri 14/04/17
75	**Ascot Road Underbridge**	**50 days**	**Mon 24/10/16**	**Fri 30/12/16**
76	New Ascot Road Underbridge including Platform Ends	50 days	Mon 24/10/16	Fri 30/12/16
77	**River Colne (South) Underbridge**	**55 days**	**Mon 26/09/16**	**Fri 09/12/16**
78	Colne River South Underbridge, New Widened Deck	55 days	Mon 26/09/16	Fri 09/12/16
79	**River Colne (North) Underbridge**	**70 days**	**Mon 20/06/16**	**Fri 23/09/16**
80	Colne River North Underbridge, New Widened Deck	70 days	Mon 20/06/16	Fri 23/09/16
81	**Tolpits Lane Overbridge**	**30 days**	**Mon 04/07/16**	**Fri 12/08/16**
82	Tolpits Lane Overbridge: Repairs, Repaint, etc.	30 days	Mon 04/07/16	Fri 12/08/16
83	**Vicarage Road Overbridge**	**15 days**	**Mon 13/06/16**	**Fri 01/07/16**
84	Vicarage Road Overbridge	15 days	Mon 13/06/16	Fri 01/07/16
85	**Wiggenhall Overbridge**	**30 days**	**Mon 02/05/16**	**Fri 10/06/16**
86	Wiggenhall Road Overbridge: Repairs, Repaint, etc	30 days	Mon 02/05/16	Fri 10/06/16
87	**Cardiff Road Arch Underbridge**	**45 days**	**Mon 19/12/16**	**Fri 17/02/17**
88	Cardiff Road Underarch Demo Parapets and New Deck	45 days	Mon 19/12/16	Fri 17/02/17
89	**Culvert Extensions**	**45 days**	**Mon 18/04/16**	**Fri 17/06/16**
90	Divert Watercourse into Culvert @ Pier 5	15 days	Mon 18/04/16	Fri 06/05/16
91	Demo Ex-Culvert & Replace with New PCC Culvert	35 days	Mon 02/05/16	Fri 17/06/16
92	**Cuttings, Retaining Walls and Embankments**	**310 days**	**Mon 18/04/16**	**Fri 23/06/17**
93	Viaduct Western Approach Filling	110 days	Mon 18/04/16	Fri 16/09/16
94	Widen Ex-Cutting to South Inc 2m Gabion Toe Wall	66 days	Mon 02/05/16	Mon 01/08/16
95	1m Gabion Wall on North & Grd Reprofilling	42 days	Mon 02/05/16	Tue 28/06/16
96	Ex-Embankment to be Widened to the South Side	35 days	Mon 27/06/16	Fri 12/08/16
97	Bottom Ballasting	240 days	Mon 27/06/16	Fri 26/05/17
98	Widen Ex-Cutting to North Inc 2m Gabion Toe Wall	131 days	Mon 01/08/16	Mon 30/01/17
99	Granular Backfill & Install Gabion Wall	21 days	Mon 08/08/16	Mon 05/09/16
100	Widen Existing Cutting (S) inc Reprofile the Grd	36 days	Mon 05/09/16	Mon 24/10/16
101	Place Surcharge Fill	15 days	Mon 12/09/16	Fri 30/09/16
102	Remove Surcharge	15 days	Mon 05/06/17	Fri 23/06/17
103	**Fencing**	**180 days**	**Mon 22/08/16**	**Fri 28/04/17**
104	Noise Barrier to North of Line	30 days	Mon 22/08/16	Fri 30/09/16
105	Noise Barrier to North of Line	15 days	Mon 22/08/16	Fri 09/09/16
106	Noise Barriers along Trace at High Levels?	5 days	Mon 24/04/17	Fri 28/04/17
107	**Watford Stadium Station Demolition**	**15 days**	**Mon 05/09/16**	**Fri 23/09/16**
108	Watford Stadium: Remove Station & Platforms, North	15 days	Mon 05/09/16	Fri 23/09/16
109	**Railway Works**	**445 days**	**Mon 04/04/16**	**Fri 15/12/17**
110	**Existing Railway Site Clearance**	**20 days**	**Mon 04/04/16**	**Fri 29/04/16**
111	Site Clearance Starting at Wiggenhall Bridge	20 days	Mon 04/04/16	Fri 29/04/16
112	**P-way**	**340 days**	**Mon 04/04/16**	**Fri 21/07/17**
113	FE Remove Existing Track & Sleepers East to West	20 days	Mon 04/04/16	Fri 29/04/16
114	P-Way Track Work	110 days	Mon 13/02/17	Fri 14/07/17
115	Tie in Met Line at West End	5 days	Mon 17/07/17	Fri 21/07/17
116	**Electrical**	**320 days**	**Mon 26/09/16**	**Fri 15/12/17**
117	Electrical Clearance Works	40 days	Mon 26/09/16	Fri 18/11/16
118	Civils Works Including Access	60 days	Mon 06/02/17	Fri 28/04/17
119	Electrification Works	40 days	Mon 08/05/17	Fri 30/06/17
120	Cable and ETE works (post con rail)	40 days	Mon 24/07/17	Fri 15/09/17
121	System Testing and Commissioning	20 days	Mon 20/11/17	Fri 15/12/17
122	**Signalling**	**100 days**	**Mon 26/06/17**	**Fri 10/11/17**
123	Enabling Works at Watford Junction	20 days	Mon 26/06/17	Fri 21/07/17
124	Enabling Works at Watford High Street	20 days	Mon 26/06/17	Fri 21/07/17
125	Installation of New SSI	80 days	Mon 26/06/17	Fri 13/10/17
126	LUL Interlocking Interface	40 days	Mon 24/07/17	Fri 15/09/17
127	Installation of FS2550 Track Circuits	40 days	Mon 18/09/17	Fri 10/11/17



Project: CRL Construction Aug 09 V3
Date: Thu 22/10/09

Task | Progress | Summary | External Tasks | Deadline
Split | Milestone | Project Summary | External Milestone