

Collaborative Planning at Brent Cross Thameslink



Brent Cross Thameslink is a collection of four projects:

- Brent Cross West Station – New Train Station to serve the new housing development
- Sidings & Rail Systems – Enabling project of rail changes to allow construction of the station
- TOC Accommodation & Fuel Farm – Enabling project to allow for relocation of sidings to allow construction of the station
- Waste Transfer Station including Highways – Enabling project to allow for relocation of existing waste transfer station which will allow for the commencement of the housing scheme.

At a glance

- 1 programme
- 4 projects
- 17 stakeholders/ suppliers
- £419 Million
- 2020 – station delivery date



Problem Statement

Historical performance of similar programmes meant an 30% cost overrun was anticipated in Brent Cross. Public funding is linked to predictable programme performance and cost overruns could not occur. Aspen Global was engaged to assist the project team to implement **collaborative working** processes to deliver the project on time and in budget

Our Brief

To install a **collaborative** planning and control process across the programme to aid programme predictability and engage the strategic supply chain.

Our Approach

Facilitated **collaborative** sessions to establish 'Best' Target programmes across projects workstreams.

Established governance structure with escalation process

Implemented and supported **collaborative** 8 & 3 week detailed look ahead sessions focused on delivery of construction plan

Facilitated sessions visualizing key risks from core supporting processes incl design and planning permissions with action plans to mitigate.

Full process ownership transferred to project team for sustainability of approach.

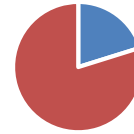
Benefits

Initial direct savings of £200K in prevented delays

Programme predictability improved 20% (PPC Metric)

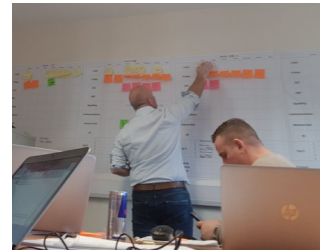
Identified 50 Core activities not listed in P6 programme added to cost loaded programme

Total Cost Breakdown Vs Construction



■ Construction ■ Total

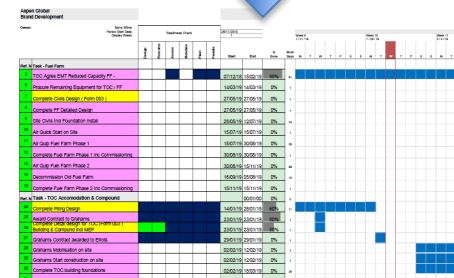
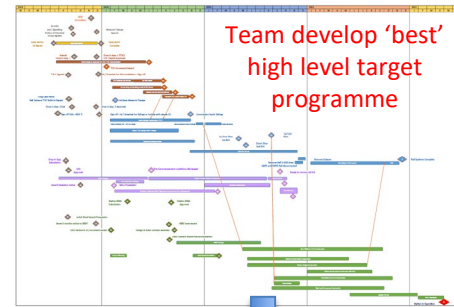
Team used data analysis to understand cost loaded programme



Team detail plan at Weekly Operational '8 Week' Look Ahead and verify DRAMPP

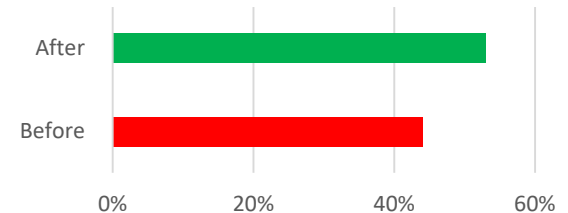


Daily Activity Briefs by teams



Team detail 8 week construction plan

PPC %



Improved Programme Predictability reducing delays and cost overruns

Diagnose & Envision	Lead & Improve	Verify , Embed & Repeat
Business Diagnostic	Collaborative planning	ROI Analysis
Visual Management	Short Term production control	Process standardisation
Data Collection	8 Wastes and Challenge	DRAMPP Readiness (Design , Resource , Access , Materials Plant & Permissions)