

# What's happening?

## Closing out Site Waste Management Plans Elstree & Borehamwood Platform Extensions Case Study

### Overview:

It is a legal requirement for construction projects costing over £300,000 to produce and maintain a site waste management plan (SWMP). In addition to this, Thameslink contract requirements call for *all* projects to have a SWMP. Within three months of the work being completed the contractor must add to the plan:

- confirmation that the plan has been monitored on a regular basis
- a comparison of the estimated quantities of each waste type against the actual quantities produced;
- an explanation of any deviation from the plan; and
- an estimate of the cost savings that have been achieved by completing and implementing the plan

This 'close-out' is a requirement of the regulations as well as being necessary for Thameslink projects to pass through their GRIP 7 stage gate reviews. Many projects within Railway systems have now finished or are close to completion, which means there will be over 40 SWMPs requiring close-out. Handback is a busy time for project teams and these additional requirements can get overlooked, resulting in the environment team having to return the document for further revisions.



Carillion's SWMP close-out from Elstree & Borehamwood platform extensions works was an example of a good submission. Within the 3 month time frame full documentation was submitted and was acceptable on the first pass. This included:

- ✓ full waste monitoring forms and waste quantity calculation spreadsheets;
- ✓ copies of all supporting waste transfer notes clearly relating to the monitoring information ;
- ✓ a clear comparison of quantities predicted and produced;
- ✓ an explanation and discussion on the waste produced and deviations from the plan;
- ✓ clear comparison of predicted and actual costs;
- ✓ lessons learned;
- ✓ plans to conduct analysis into the resource and waste saving that was achieved through the unusual modular design of the platforms (over and above the regulations)

### Benefits:

- *Compliance with SWMP regulations*
- *Assists in confirming compliance with other legislation and duty of care*
- *Evaluation of performance in terms of meeting reuse, recycling and waste minimisation targets*
- *Identification of good practice and lessons learned*
- *Smooth progress through the GRIP process*

### Meeting our objectives & targets:

The comprehensive use of SWMPs from planning to handback is an objective in the Thameslink Sustainable Design and Construction Strategy. Proper SWMP closeout, in conjunction with EPI reporting, also allows progress against quantitative waste targets in the strategy to be assessed.