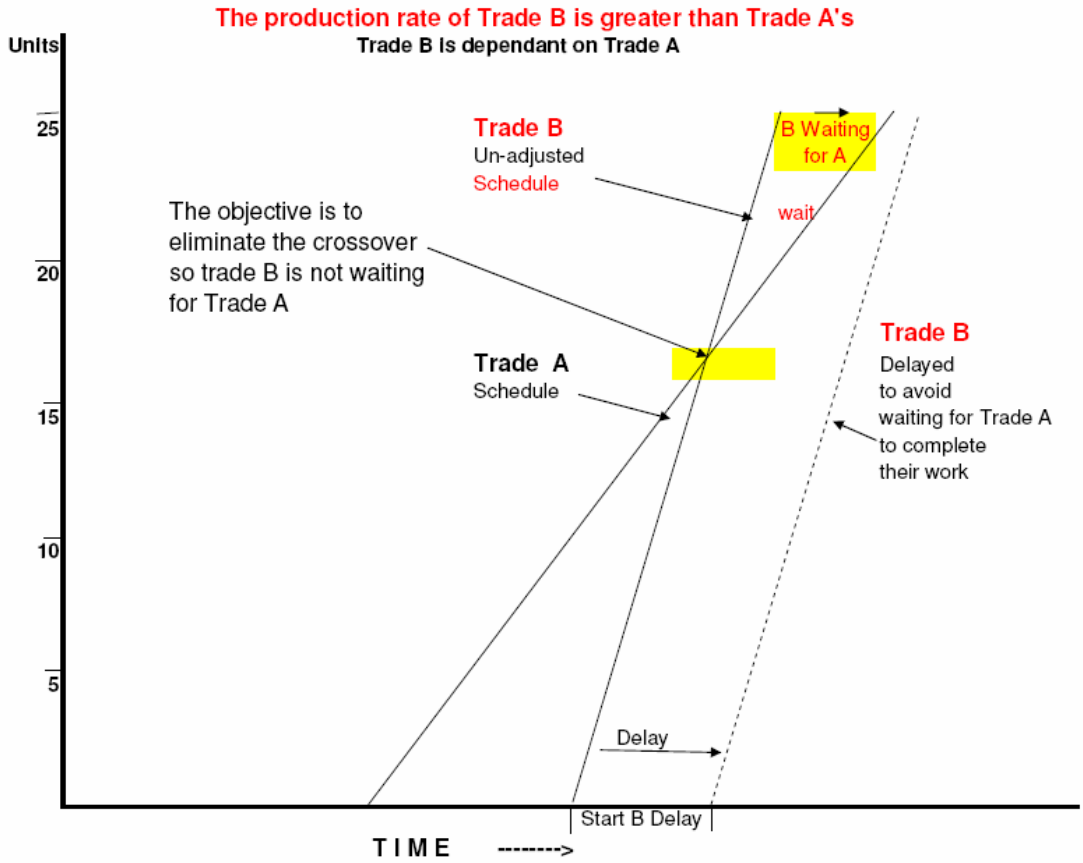
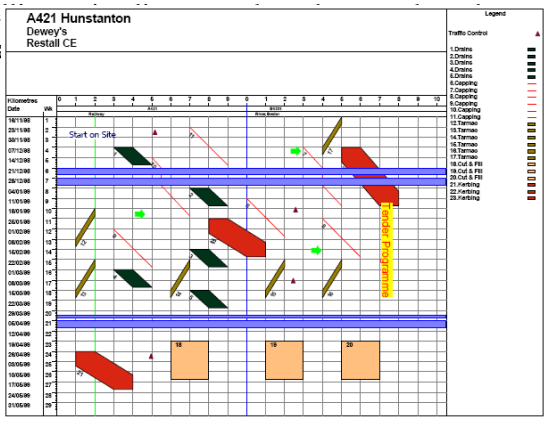
Line of Balance

Line of Balance (LOB[1]) is a method of showing the repetitive work that may exist in a project as a single line on a graph. Unlike a Bar Chart, which shows the duration of a particular activity, a LOB Chart shows the rate at which the work that makes up all of the activities has to be undertaken to stay on schedule[2], the relationship of one trade or process to the subsequent trade or process is defined by the space between the lines. If one group is running behind schedule, it will impact on the following group and this is shown by the lines intersecting.



LOB is used on repetitive work such as constructing multiple dwe
railways (frequently called Time/Location Charts or Chainage Ch



For more information on scheduling and planning, visit Mosaic's scheduling home page at:
http://www.mosaicprojects.com.au/Planning.html

[1] The generic term for this type of chart is 'Elemental Trend Analysis'.

[2] Multiple-Activity Charts can be used to determine the rate of progress (or cycle times) used in the LOB chart, see: http://www.mosaicprojects.com.au/WhitePapers/WP1025_Multi-Activity_Charts.pdf

This White Paper is part of the supplementary information developed to support Mosaic's PMP training courses.
For additional information see: www.mosaicprojects.com.au/Training-Home.html
www.mosaicprojects.com.au/whitepapers.html