CE 4990 - Construction Scheduling

Developing an RSM∗- Week 4, Problem 1

January 30, 2012

Problem 1

Consider the following RSM problem - see diagram of any one particular unit - it repeats for 6 units. Note the following:

• The quantity of work for the activity A in units 3 and 4 are double that of the work in other units.
• There is no requirement for activity C in unit 5.

Once you have developed the RSM consider rescheduling the project using the following scenarios:

• Increase the unit production rate of D to \( \frac{1}{2} \) units per day
• Increase the unit production rate of D to \( \frac{1}{2} \) units per day

Problem 2

Develop a RSM schedule for the AISC case study.

Errata: There is a lead time of 2 between A and C and a dependency relationship between D and C
