Green arrows indicate establishes
Red arrows indicate threatens
Blue arrows indicate before
This plan is obtained by performing backtracking a little differently than was described on the course website. In this case, if a loop of before arrows is found, the algorithm examines other ways of satisfying the precondition that is problematic. For example, in the operator “unload c2 p1 sfo”, the precondition “AT p1 sfo” could not be satisfied by the initial conditions because it created a loop of before arrows. Rather than trying a different instantiation of the variables in the new operator, it first tries to satisfy the precondition “AT p1 sfo” in some other way. In this case, it finds the operator “fly p1 jfk sfo” to satisfy the precondition.