

What is the Solution? Who provides what to whom and what is the total cost?

Microsoft Excel 8.0e Sensitivity Report Worksheet: [EXPANLpb.xls]Sheet1 Report Created: 10/18/2000 11:23:40 PM Adjustable Cells Final Reduced Objective Allowable Allowable Coefficient Cell Value Cost Increase Decrease Name \$B\$4 Hooperman Bennington 0 1E+30 2 \$C\$4 Hooperman Tractown 60 0 10 1 \$B\$5 Wizcity Bennington 0 19 1E+30 \$C\$5 Wizcity Tractown 60 8 1E+30 \$B\$6 DoogieCorners Bennington 120 n 17 20 1 \$C\$6 DoogieCorners Tractown 130 0 3 1 Constraints Final Shadow Constraint Allowable Allowable Value Price R.H. Side Increase Decrease Name \$B\$8 provided Bennington 120 20 120 60 \$C\$8 provided Tractown 250 250 0 60 10 \$D\$6 DoogieCorners used 250 -3 250 60 0 \$D\$5 Wizcity used 60 60 60 0 0 0 \$D\$4 Hooperman used 1E+30 60 60

There is adequate capacity. Should you expand a plant? If so, which one would be best to expand? How much would it

save, per unit of extra capacity? How much expansion could you have at that savings?

How much would the cost of Hooperman-Bennington have to decrease before the optimum would shift to another corner?

this box for grade

10

20

IV