

Polonia Construction Incorporated currently spends \$150,000 outsourcing concrete from various companies, as well as approximately \$55,000 on materials purchased retail. The company is interested in an alternative solution that will save them money. One option would be to build a concrete mixing facility, with a warehouse on premises, to supplement their needs. Polonia Construction is interested in determining what the costs for a new facility are as well as determining cost analysis projections for how much money, if any, they would save with the new facility.

The team developed a solution for the company by analyzing all the present and projected future costs and revenues of constructing a new facility and examined the feasibility. Preliminary steps included putting a team of people to work on the different aspects of the project; including but not limited to meetings with the client, setting a work breakdown structure, compiling a budget, developing a Gantt chart, conducting information searching and surveying.