

DESIGN SYSTEMS, INC.

Specializing in Manufacturing Process Design and Integration

Continuous Improvement – Material Flow

Continuous Improvement initiatives can have several interpretations, but the results make the difference. Design Systems is recognized for quality performance on engineering, design and program management projects. Continuous improvement are an integral part of all of our assignments, but it is becoming more and more often a specific task assignment to identify continuous improvement opportunities in existing facilities.

Site

Current Activity List

- Keep Trucks Moving →
- Unload Trucks →
- Load Trucks →
- Communicate Information →
- Complete Paperwork →
- Manage Limited Time →
- Daily “Firefighting” →

Design Systems

Improved Activity List

- Define Truck Routes
- Improve Truck Routes
- Eliminate Non-Value Added Tasks
- Improve Throughput
- Priority / Sequencing
- Identify Potential Improvement
- Eliminate Systemic Problems

Cause:

- Limited Staff
- Limited Time
- Limited Research

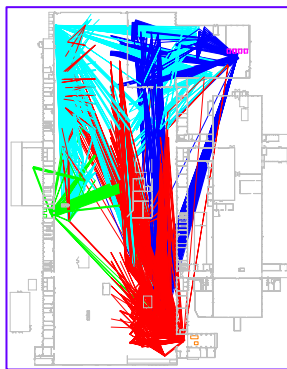


Effect:

- 33 % Manpower Reduction
- 20 % Increase Throughput
- 6 Month R.O.I

Internal Plant Logistics

Before



After



“BOTTOM – LINE”

RESULTS

- Improved Material Flow
- Improved Safety
- Reduced Manpower
- Reduced Operating Cost
- Reduced Maintenance