



## Case Study

*Planning and Design*

*Rail Expansion on a Limited Footprint*

### Project Scope

- Perform due diligence on multiple properties for best site selection
- Complete planning process listing all project parameters for all project participants
- Establish realistic schedule and budget
- Design options for future expansion
- Develop project in phases to accommodate client's growth plan
- Obtain commitment from main line railroads
- Engineer efficiency utilizing least amount of rail necessary

### Challenge

- Limited property available - only 3000' x 2000'
- Need to receive and ship 100 cars in one, continuous string

### Solution

- Present graphical operational plan depicting actual movement of cars in 25-car blocks for most efficient movement.
- Design 7,500' loop track on modest 2,800' x 1,600' footprint

### Results

- Design eliminated all gaps and road crossings
- Detailed project plans provided useful documentation for obtaining funding
- Plan provided increased efficiency of both receiving and shipment of cars

*For more information on how we can improve your operations, please call (402) 289-2217 or visit [www.antioch-intl.com](http://www.antioch-intl.com)*