

# CONVEYING PINTO AND NAVY BEANS - PAN MODIFICATION



## Pan Modification Design Requirements

**Product Type:** Dry Pinto & Navy Beans

**Capacity:** 95,000 Pounds per hour

**Duty:** 24/7

**Pan Mod:** 30"W x 12" D x 59'-3 1/2"L

### Customer Challenge

A family owned company in the canned beans industry, contacted Triple/S Dynamics to replace a pan section in their original Slipstick Horizontal Motion Conveyor purchased in 2005. The original conveyor pan dimensions were 30"W x 12"D x 71'-8"L, constructed of 304 stainless steel, and included suspension rods and mild steel mounting brackets for direct mounting to the floor. After 15 years in operation, running 24/7 with capacity rates of 95,000 pounds per hour and the abrasiveness of the beans, our customer needed to replace a partial section of the existing pan.

### Triple/S Solution

Triple/S Dynamics designed a replacement pan section measuring 30" W x 12" D x 59'-3 1/2" L to be bolted to the existing drive assembly and floor supports which minimized field welding and installation time.

### Triple/S and the Customer

*The relationship with this customer and Triple/S Dynamics goes back almost 20 years with their first purchase of Slipstick Horizontal Motion Conveyors in 2002. With a total of 16 conveyors in their plant and pan lengths ranging from 16 feet to 100 feet, their original conveyors have had many modifications over the years to replace pan sections, pan length extensions, and gate kits.*