

# STRENGTHEN YOUR STRUCTURE

## Costco Warehouse - South County



### Project Description

This project is a 140,000 square foot warehouse / wholesale. The slab on grade design was 6 inch reinforced concrete with a specified floor flatness  $F_F=50$   $F_L=40$ . Reinforcing Steel material was installed prior to concrete placement and could not be driven on once in place. The specifications called for a Somero Laser Screed over the reinforcement and the owner specified that all the reinforcing be chaired prior to pouring. In order to meet the specifications and owners requirements the contractor utilized an aluminum bridge system. The bridge system allowed the contractor to span over the reinforcing without damaging or driving on it. The project specification listed were  $F_F=50$   $F_L=40$ . The measured  $F_F=69.5$  and  $F_L=60.9$  which won a golden trowel award at the 2003 World of Concrete.

Owner	<b>Costco Wholesale</b>
Architect	<b>MulvannyG2 Architecture</b>
Engineers	<b>Engineers Northwest</b>
General Contractor	<b>M. W. Builders</b>
Ready Mix Supplier	<b>American Ready Mix Lemay Concrete Block</b>
Subcontractor	<b>Vee-Jay Cement Contracting Company</b>

### CONCRETE COUNCIL

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