

**Rollerform Technology for Precast Concrete Elements**

The Roller Form Technology is a method for continuous casting of concrete in slip forms wherein the forms are lined with a flexible sheet and the forms slide against that sheet instead of against the concrete surface. This technology is extended to the casting of precast concrete elements. The technological difference is that during the precasting operation, the forms remain fixed and the precast element moves downward. The protective sheeting between the new concrete and the forms remains stationary with respect to the concrete, but the precast element and sheeting slide against the forms. As the concrete element exits the bottom of the forms, the protective sheet lining rolls up the outside to the top of the form where it rolls into place to again line the form. This continuous movement of the lining makes the forms self stripping. The completed cast element is lowered onto a dolly at the bottom of the casting station and transported to the curing location. Various patterns may be cast into the precast element using this technology.

Contact: Peter St. Anguelov P.E.--- Not Current  
Organization:  
Address: 3873 Cherokee Avenue  
City: San Diego  
State/Province: CA  
Postal Code: 92106  
Country: USA  
Phone No: 619-284-7561  
FAX:  
URL:  
Email: