As color has a limited spectrum in the architectural pallet of concrete, form and finish take on an enhanced role in concrete architecture. While precasting added efficiency and environmental control in the production of concrete, its major accomplishment was the ability to form and yield a diverse variety of surfaces and forms that propelled modernism from minimalist to an evolutionary expressionist aesthetic. This presentation will explore how mid-20th century precasting technology expanded the options for form and surface in concrete, the resulting architecture it produced and the implications for preservation and treatment.