

BRIDGE SECTIONS CAST IN PLACE RTE. 95, BALDWIN BRIDGE BRIDGE OVER CONNECTICUT RIVER



BRIDGE SECTIONS CAST ON SITE

PROBLEM: Bridge sections were being cast in place on site at a bridge replacement construction site on Interstate 95 (crossing the Connecticut River) in Connecticut. They were having problems with blemishes, imperfections and honeycombing throughout the finished product.

VIBCO Model SVRF vibrators were selected to eliminate the finishing problem. The concrete was pumped into steel forms where a matrix of rebar was placed. The mix was a 3" slump.

SOLUTION: Five Model SVRF-5500 High Frequency Vibrators were installed on each bridge section form. They totally eliminated the honeycombing and imperfections. The vibrators were operated with 90 PSI air. (See page 14 in Concrete Handbook.)



EQUIPMENT USE PNEUMATIC:

MODEL SVRF-5500
9000 VPM AT 80 PSI
56 CFM - 98 dB

(Page 14 in Concrete Handbook)



ALTERNATIVE PNEUMATIC EQUIPMENT:

MODEL CCF-5000
7000 VPM AT 80 PSI
50 CFM - 78 dB

(Page 14 in Concrete Handbook)