

## **HR-222 Retardation of Reflection Cracking Using Stabilizing Agent 5990**

**Key Words:** Reflective cracking, Additive 5990, Asphadur,

### **ABSTRACT**

Research was conducted in 1980 using Additive 5990 to prevent reflective cracking in asphalt cement concrete when placed over portland cement concrete. Test sections were placed with 0%, 3%, 6%, and 9% Additive 5990 by weight of asphalt cement at mix temperatures between 375°F and 415°F with AC-5 and AC-10 grade asphalt cement. Also, sections using AC-5 and AC-10 were constructed with the normal mix temperature (not to exceed 330°F). One section was placed using AC-20 mixed at the normal mix temperature.

It was concluded that the Additive 5990 did not prevent reflective cracking on this project.