

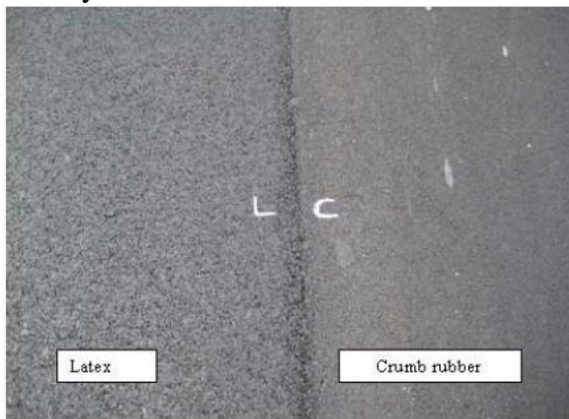
ASPHALT+ CASE STUDY: PUMPHRIES ROAD, FORT WORTH, TEXAS

In 2007, the TX DOT performed a comparative evaluation of rubberized asphalt and SBR latex in F-type standardized mix designs. The selected project site was the entrance to the Naval Base on Pumphries Road in Fort Worth, TX.



Naval Base Entrance, Fort Worth, Texas

The mix designs included 3% SBR and 7% crumb rubber respectively. The crumb rubber was included using the dry mix process. Both designs used the same 64, 22 binder and the same aggregates. Both surfaces were applied in a 1 – 1.5” hot mix overlay.



Side by side comparison of study lanes

The production and placement crews reported no issues with the rubberized asphalt, and noted that it was somewhat easier to place than standard hot mix applications.

Multiple visits by representatives of Tarrant County and TX DOT indicated that the overlays were exhibiting excellent performance. They considered the application a success. The details of the project are reported at RAS_TTI_Report_55123-01-2_Pumphrey_Dr

