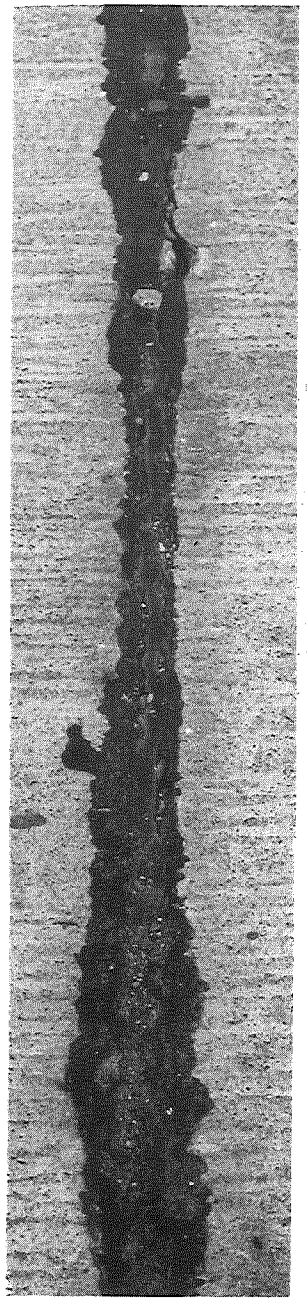

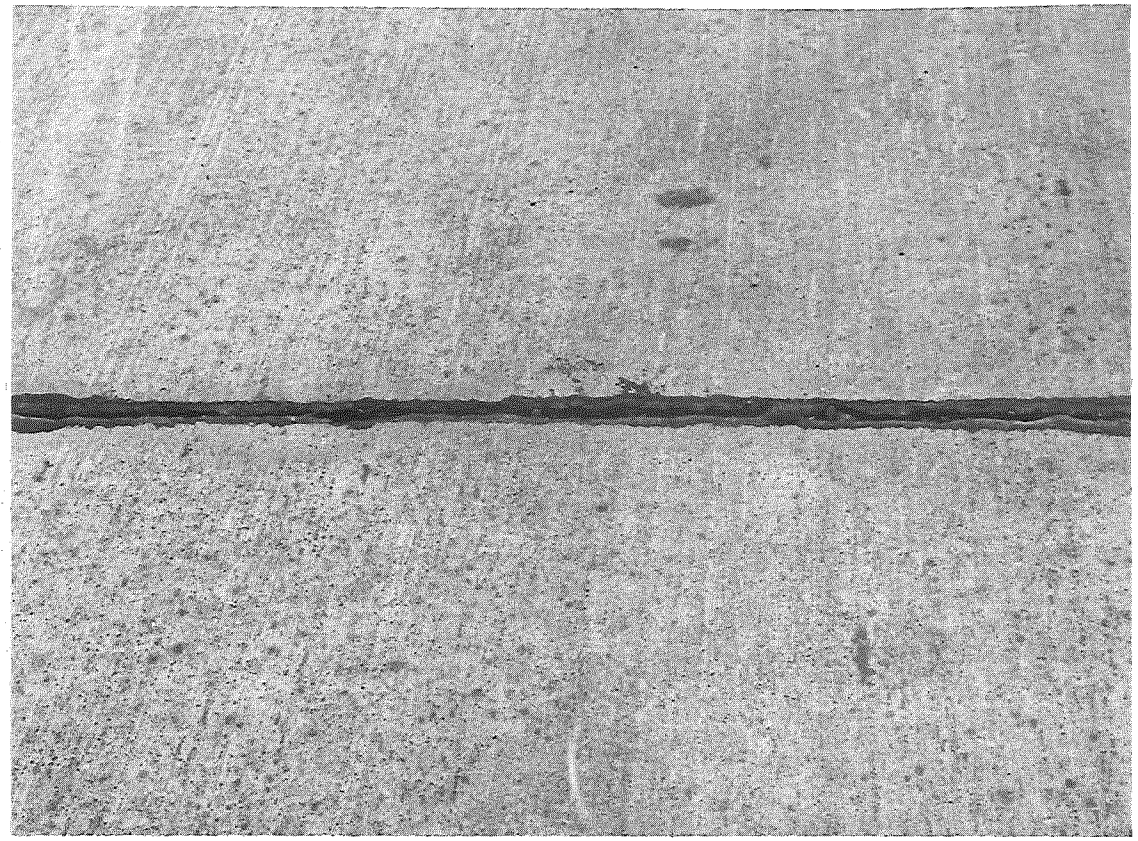

Figure 10 (left). Typical adhesion failure with sand and gravel embedded in joint seal (Project BI 50111I, C12, Sta. 87+70 SB).

Figure 11 (above). Typical cohesion failure, with much infiltration of dirt and sand into joint (Project BI 50111J, C13, Sta. 343+80 SB).

Figure 12 (right). Typical intermittent adhesion failure with embedded dirt (Project BI 50112A, C1, Sta. 538+60 NB).

Figure 13. Typical severe adhesion failure with embedded dirt (Project BI 50112A, C1, Sta. 798+02 NB).

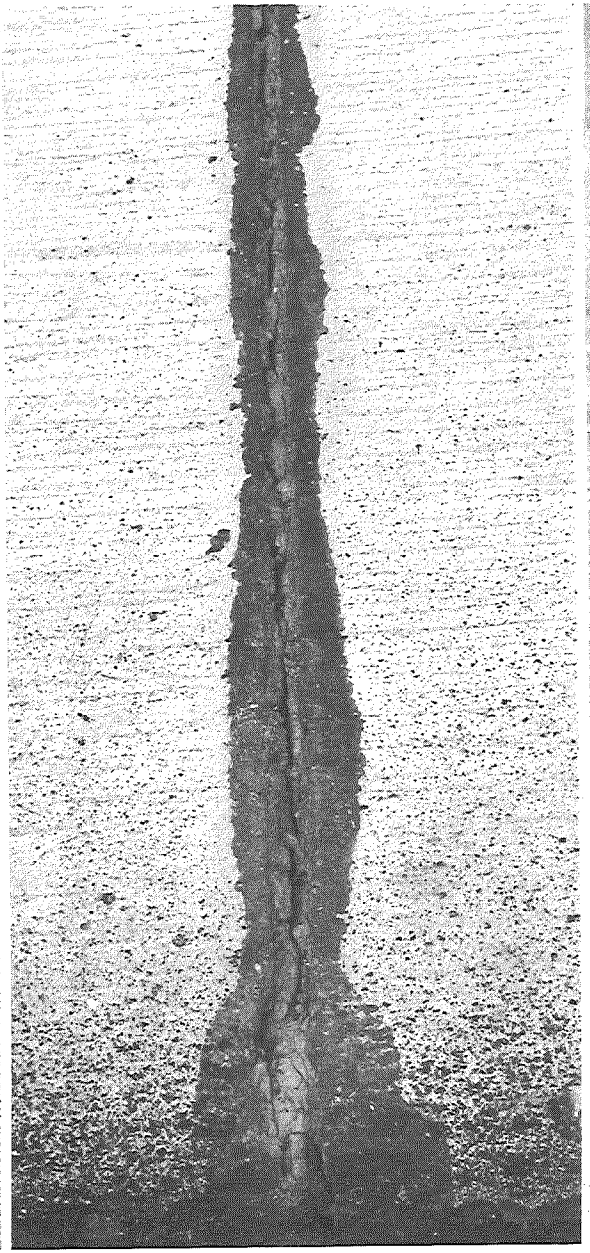

Figure 14. Cohesion failure typical of this area (Project BI 77111A, C2, Sta. 908+02 NB).

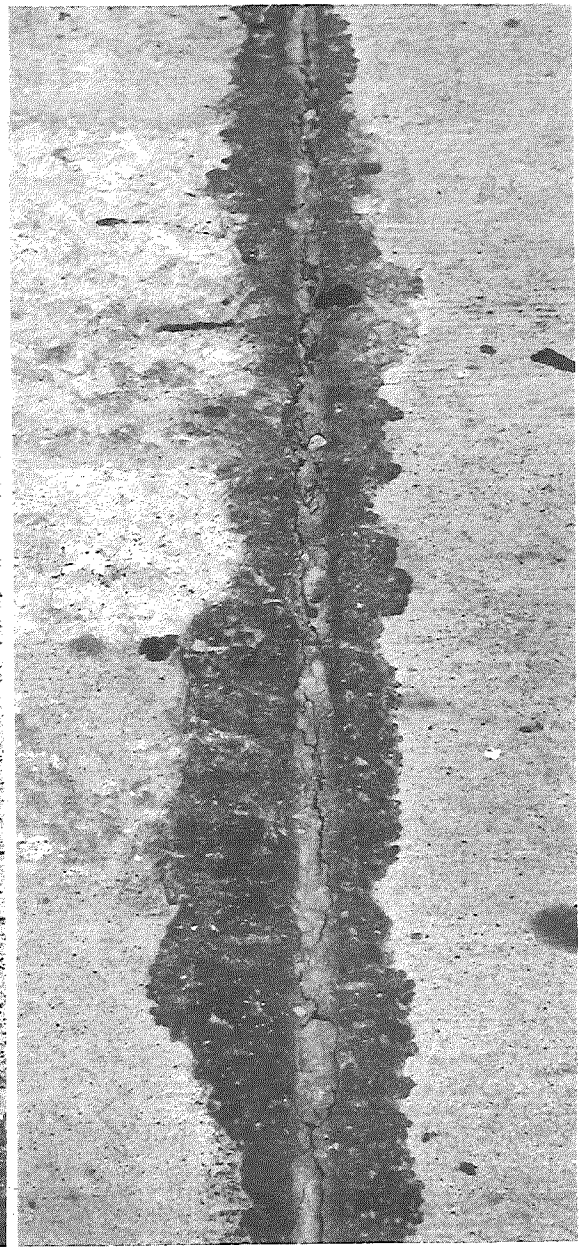

Figure 15. Overfilled joint with typical cohesion - adhesion failure (Project BI 77111B, C3, Sta. 1203+50 NB).

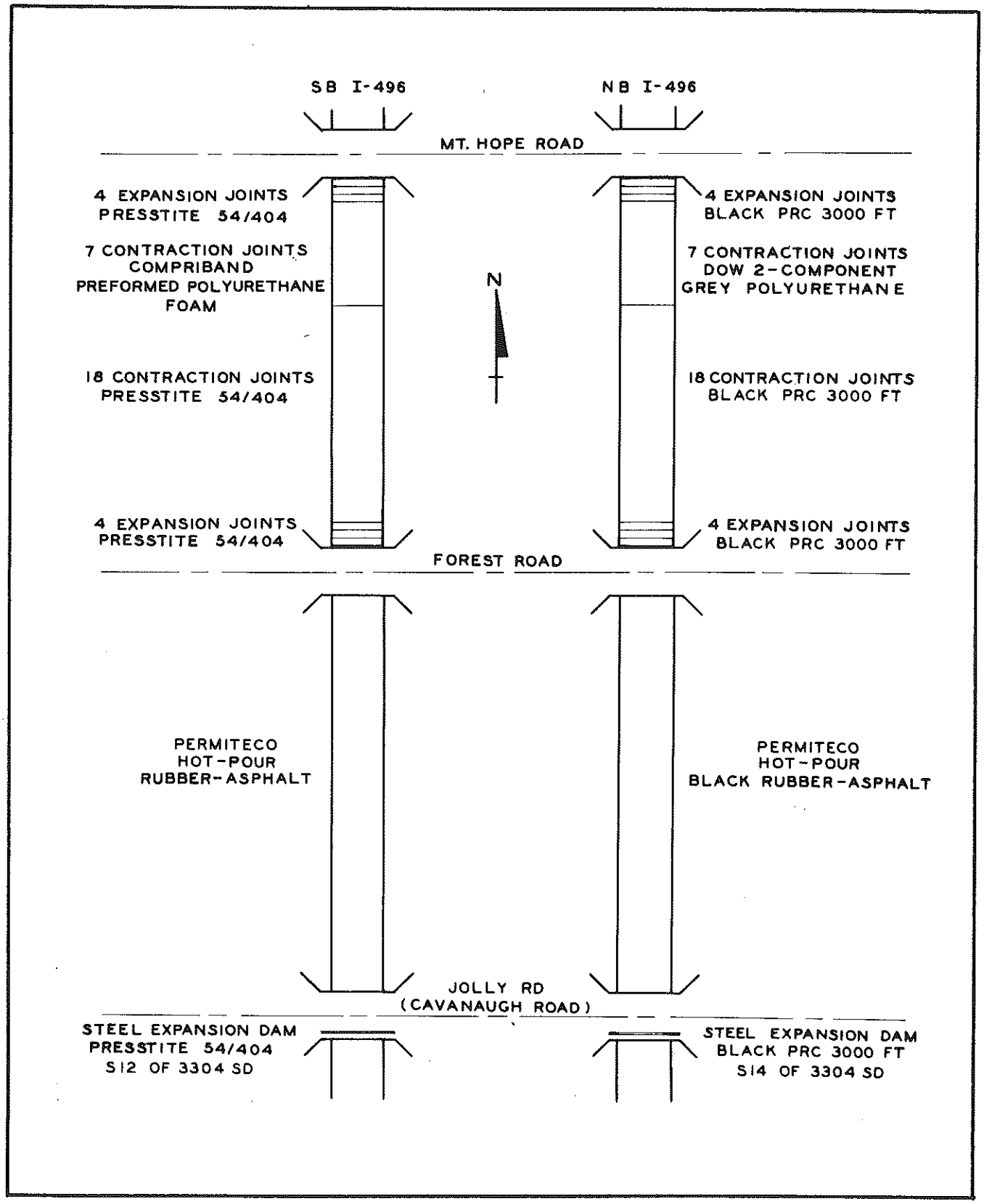

Figure 16. Locations of experiment sealants on I 496 north of I 96.

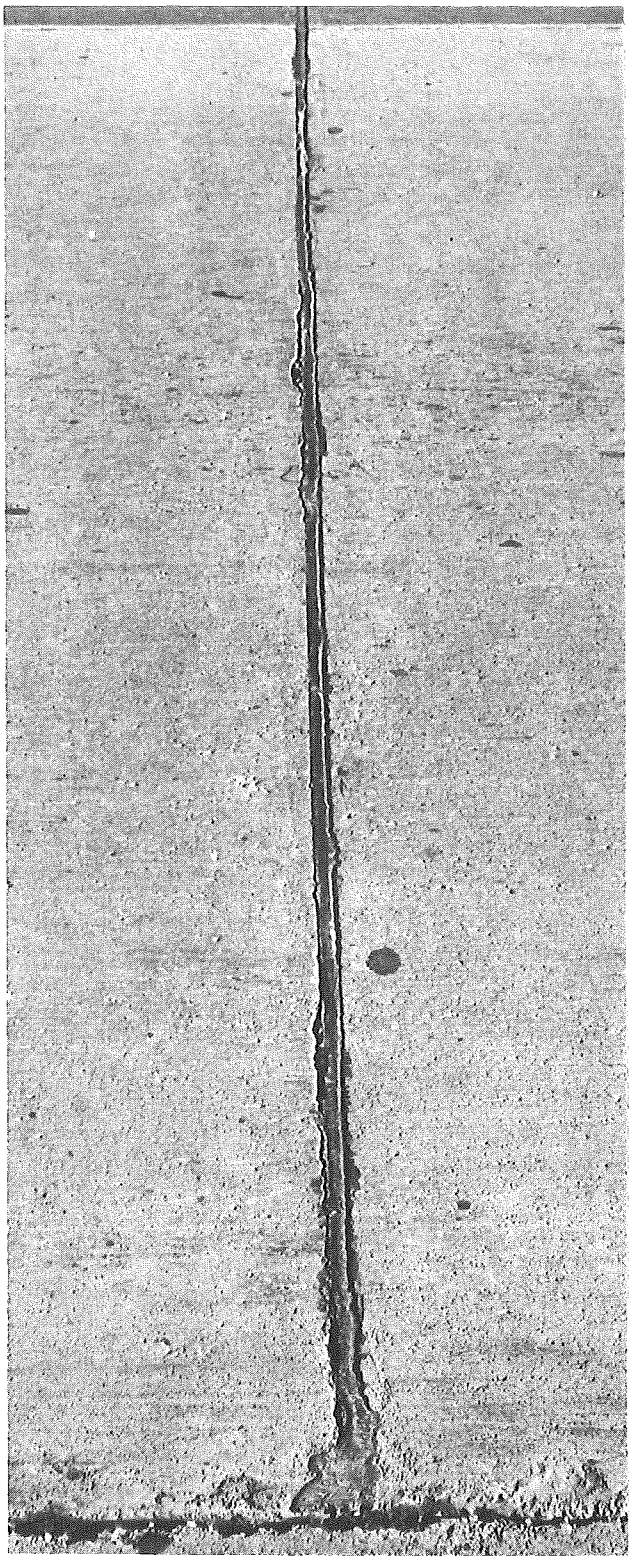

Figure 17. Total loss of adhesion but good resistance to penetration after one year of service: Presstite 54/404 two-component, cold-applied sealer (southbound I 496 between Mt. Hope Rd and Forest Rd).

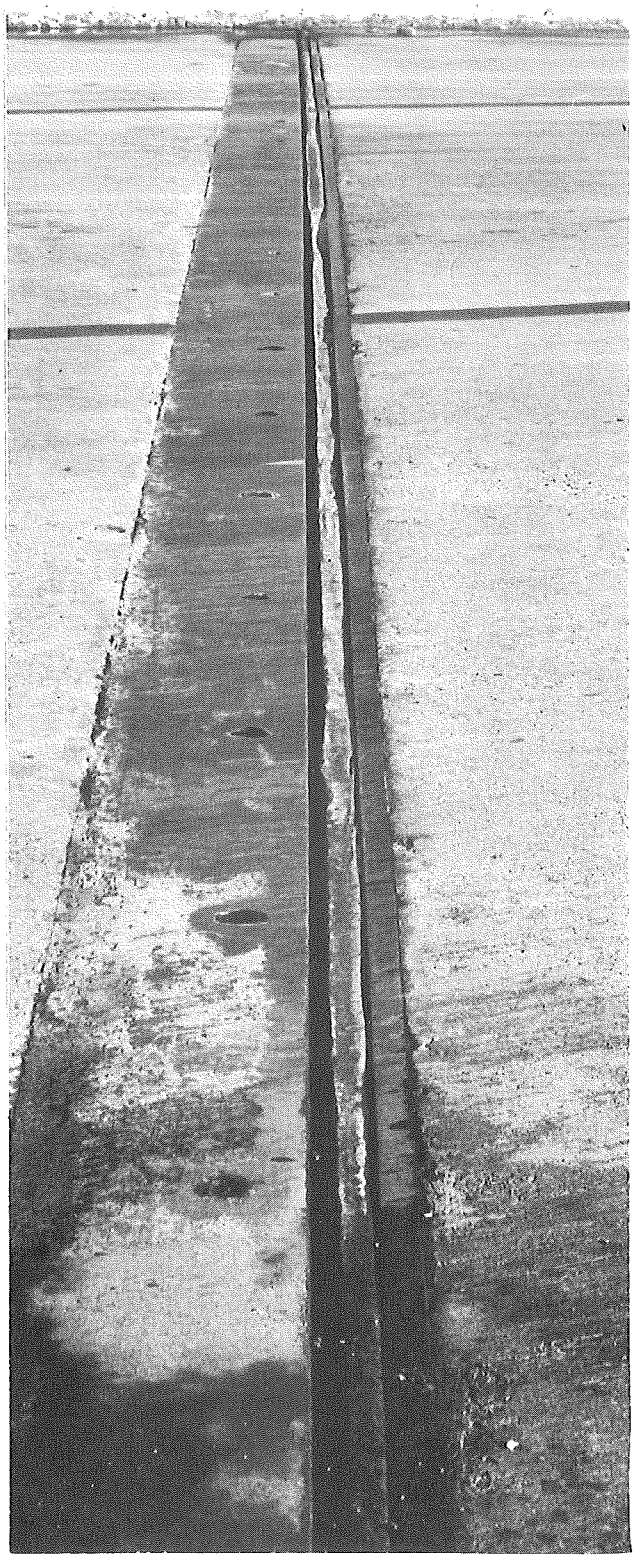

Figure 18. Total loss of adhesion after one year of service: Presstite 54/404 two-component, cold-applied sealer (expansion dam on I 496 structure over Cavanaugh Rd).

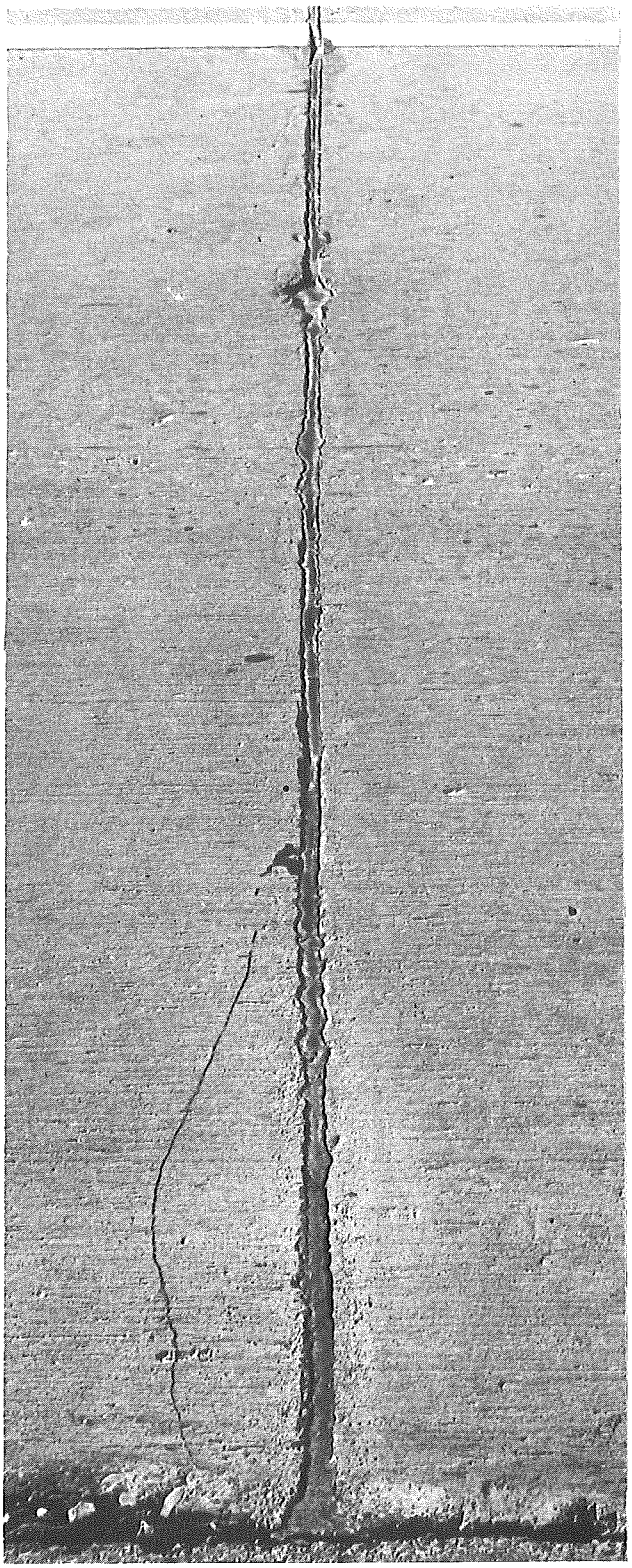

Figure 19. Almost complete loss of adhesion after one year of service: Products Research (PRC) 3000 FT two-component, cold-applied sealer (northbound I 496 between Forest Rd and Mt. Hope Rd).

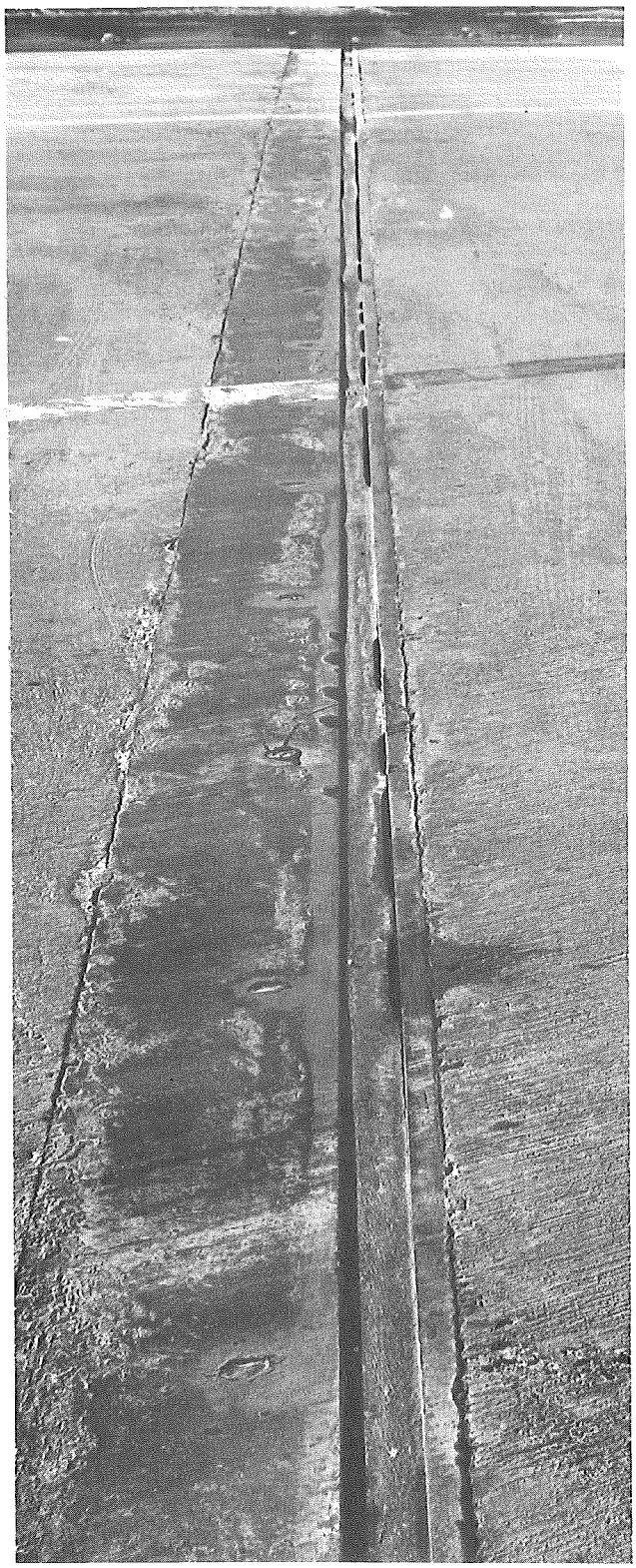

Figure 20. Extensive loss of adhesion after one year of service: Products Research (PRC) 3000 FT two-component, cold-applied sealer (expansion dam on northbound I 496 structure over Cavanaugh Rd).