

TECHNICAL REPORT TITLE PAGE

| | |
|---|--|
| 1. REPORT NO. | 2. REPORT DATE |
| HR-542 | May 1994 |
| 3. TITLE AND SUBTITLE | 4. TYPE OF REPORT & PERIOD COVERED |
| Evaluation of Asphalt Stabilizing Additives | Final report from 9-88 to 5-94 |
| 5. AUTHOR(S) | 6. PERFORMING ORGANIZATION ADDRESS |
| Robert Steffes Assistant to the Research Engr. | Iowa Department of Transportation Materials Department 800 Lincoln Way Ames, Iowa 50010 |

7. ACKNOWLEDGEMENT OF COOPERATING ORGANIZATIONS

8. ABSTRACT

Efforts are constantly being put forth by researchers, highway related industries and product suppliers to improve the life and performance of asphalt pavements. As a result of those efforts, a variety of asphalt modifiers have been developed and evaluated in experimental sections over the years. Evaluations of the polymer asphalt modifiers have been done and results were usually compared with conventional sections within each respective project. The research presented in this report is also a comparison of asphalt modifiers with each other as well as a comparison of a modifier with its respective conventional section, when they exist. Several of the modifiers showed some improvements in performance while others did not.

| | |
|--|-------------------------|
| 9. KEY WORDS | 10. NO. OF PAGES |
| Polymer Modifiers Asphadur Asphalt Ralumac Chem-Crete UltraPave Ductilad | 106 |
