





- ### What's Driving Binder Modification
- ▶ Historic, High Temperature Modifiers
    - Elastic modifiers,
    - GTR- Green, Elastic substitute, handling
  - ▶ Low Temperature Modifiers
    - Higher RAP/RAS contents,
    - Dropping grades from historical standard grades
  - ▶ Premium Non-modified Grades
    - PG58-28, PG70-22, how?
  - ▶ Use of non-asphaltic modifiers,
    - PPA, REOB, VTAE, Elvaloy, SEA
  - ▶ Refineries
    - Coker, Crude Slate changes, Sweet v Sour
  - ▶ Contractor/supplier, competitiveness
    - Own modification

Questions??