

**CEEN 043 – Fall 2007**  
**Lab Report 2**  
**Due Oct 2-4, at Assigned Lab Time**

Your design team is charged with the design of a Superpave HMA mix that would be suitable for the upper layer of a pavement which is expected to carry 3.5 million ESALs over a 20-year design life. Supplemental aggregate, binder, and gyratory compaction data has been provided in spreadsheet format. Actual data from your lab testing should be included as an appendix to your report and you should comment on the differences/similarities between your data and that included in the spreadsheet.

Your team must prepare a report which provides a summary of the tests performed and a recommended aggregate blend and design binder content that would be expected to meet all specifications. Additionally, your report should provide a description of any additional tests that may be required to verify the selected blend/binder content does indeed meet all specifications.