STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION
MATERIALS DIVISION

METHOD OF TEST TO DETERMINE THE DUST TO ASPHALT RATIO IN BITUMINOUS
MIXTURES

SCOPE

This method covers the calculations to determine the dust to asphalt ratio.

CALCULATION

The dust to asphalt ratio in a bituminous mix is the ratio of the material passing the No. 200 sieve to the
bitumen ratio. The method of calculations is as follows:

\[
\text{Dust to Asphalt Ratio} = \frac{F}{P_b}
\]

where:  
F = Percentage of Aggregate passing the No. 200 sieve  
P_b = Percentage of asphalt by dry weight of aggregate