DETERMINATION OF BINDER CONTENT
BY CALCULATION FROM G_{mm}

Project No. _____   Sample ID. _____
County _____   Test No. _____
Contractor _____   Date _____
Mix Type _____   Mix Design # _____

CALCULATION OF G_{se}

P_b ……..(Measurement from tank stick or meter) ……………………….…... 1) __.__ __

G_b ……………………………………………………………………………… 2) __.__ __ __

P_s ……….(100 - line 1) ……………………………………………….....…3) __.__ __ __

P_b / G_b …………………(line 1 / line 2) …………………………………… 4) __.__ __ __

$$\text{Avg. } G_{mm} \quad = \quad \frac{(\text{sample 1} + \text{sample 2} + \text{sample 3})}{3} \quad = \quad 5) \; \_\_.\_\_\ \_\_\ \_\_$$

100 / Avg. G_{mm} ……….(100 / line 5) …………(vol. of mixture) ………………6) __ __.__ __ __

Vol. Mixture - Asph. Vol. …………(line 6 - line 4) ……………………….…..7) __ __.__ __ __

G_{se} …………(line 3 / line 7) ……………………………………………… 8) __.__ __ __

CALCULATION OF P_b

G_{mm} …………(from individual G_{mm} test) ……………………………………… 9) __.__ __ __

G_{se} x G_b ………(line 8 x line 2) ……………………………………………10)__.__ __ __

G_{mm} x G_b ……(line 9 x line 2) …………………………………………… 11)__.__ __ __

G_{se} x G_{mm} …..(line 8 x line 9) ……………………………………………12)__.__ __ __

G_{se} x G_b - G_{mm} x G_b ………(line 10 - line 11) …………………….………… 13)__.__ __ __

G_{se} x G_{mm} - G_{mm} x G_b ……..(line 12 - line 11) ……………………………… 14)__.__ __ __

line 13 / line 14 ……………………………………………………………… 15)__.__ __ __

P_b by calculation ………..(100 x line 15) …………………………………… 16)__.__