



**CALCULATION OF SUFFICIENCY OF SIGNATURES**  
**USING RANDOM SAMPLE**

INITIATIVE: 2017-2018 Proposed Initiative #167 "Authorize Bonds for Transportation Projects"

Signatures required by law: 98,492

90% of required signatures: 88,643

110% of signatures: 108,342

Number of entries submitted: 169,568

5% of entries submitted: 8,479

Number of signatures accepted: 5,644

Number of signatures rejected: 2,835

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$$\frac{5644}{\text{Number of accepted signatures}} \div \frac{8479}{\text{Number of entries checked}} = \frac{.665645}{\text{Multiplier to 6 digits}}$$
$$\frac{.665645}{\text{Multiplier}} \times \frac{169568}{\text{Entries submitted}} = \frac{112,872}{\text{Presumed valid signatures}}$$
$$\frac{112,872}{\text{Presumed valid signatures}} \div \frac{98492}{\text{Required signatures}} = \frac{114.60\%}{\% \text{ of required signatures}}$$

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Action Required:        Issue statement of sufficiency  
                                     Issue statement of insufficiency  
                                     Conduct check of all signatures

Calculated by: Jeff Mustin *Jm*    Date: 8/22/18