



ENGINEERING MATERIALS LAB

Rubber Mix Design Information Input Sheet

ASPHALT MIX:

Supplier

Overlay Thickness:

1" or 1 1/2"

2"

Traffic Volume:

Low Volume

High Volume

Design Binder Content (%)

Product Code

Plant Location

Plant Number

Supplier Lab Number

Name of Design Lab

Design Date

BINDER PROPERTIES:

Binder Grade

Mixing Temperature (°F)

Compaction Temperature (°F)

Specific Gravity

ADMIX:

Admix Content (%)

Admix Type

TENSILE STRENGTH RATIO:

Dry Tensile Strength (psi)

Tensile Strength Ratio (%)

AGGREGATE PROPERTIES:

Fractured Face One Count (%)

Fractured Face Two Count (%)

Uncompacted Void Content (%)

Sand Equivalent

Plasticity Index

L.A. Abrasion @ 100 Revolutions (%)

L.A. Abrasion @ 500 Revolutions (%)

Combined Bulk Specific Gravity

Combined Water Absorption (%)

Fine Aggregate Bulk Specific Gravity

Film Thickness

MIX PROPERTIES:

Voids in Mineral Aggregate (%)

Effective Voids (%)

Absorbed Asphalt (%)

Dust to Effective Asphalt Ratio

Stability (lbs)

Flow (0.01 in)

Maximum Theoretical Specific Gravity

Bulk Specific Gravity

CITY OF MESA USE ONLY:

Date Submitted

Review Date

Reviewed by

Is Gradation Within Limits?

Documentation Received?

NVLAP or AASHTO Accreditation

ARPA Certification

Asphalt Binder Certification

Admix Certification

Design P.E. Stamp and Resume