

District Check List for Marshall Asphalt Mix Designs

Producer: _____

Mix Type: _____ Traffic Type: _____

Binder Type: _____

General Information	Yes	No
Are the Producer, Plant Location and Plant Code listed correctly?	<input type="checkbox"/>	<input type="checkbox"/>
Is the HMA type and HMA code correct?	<input type="checkbox"/>	<input type="checkbox"/>
Is the Design Laboratory on the Division Approved Laboratory Listing?	<input type="checkbox"/>	<input type="checkbox"/>
Is the Design Technician certified as a design technician?	<input type="checkbox"/>	<input type="checkbox"/>
Is the Plant type, make, and code listed correctly?	<input type="checkbox"/>	<input type="checkbox"/>
Is the proposed traffic type listed correctly?	<input type="checkbox"/>	<input type="checkbox"/>

Mix Composition	Yes	No
Are the coarse and fine aggregate sources, locations and codes listed correctly?	<input type="checkbox"/>	<input type="checkbox"/>
Are the coarse and fine aggregate types and codes listed correctly?	<input type="checkbox"/>	<input type="checkbox"/>
Are the coarse and fine aggregate sources and types listed on the "Approved List for Commercial Sources and Potential Skid Resistant Sources?"	<input type="checkbox"/>	<input type="checkbox"/>
Does the percent total aggregate and percent RAP when used, add up to 100 percent?	<input type="checkbox"/>	<input type="checkbox"/>
Does the binder source and binder location match the binder source code?	<input type="checkbox"/>	<input type="checkbox"/>
Is the binder type and binder code listed correctly?	<input type="checkbox"/>	<input type="checkbox"/>
Is the binder source and type listed on the "Approved List for Bituminous Suppliers"?	<input type="checkbox"/>	<input type="checkbox"/>
Are the proposed Target Sieve Fractions computed correctly?	<input type="checkbox"/>	<input type="checkbox"/>
Do the Allowable Sieve Targets meet the requirements of Table 3 found in MP 401.02.22 for the type of mix presented?	<input type="checkbox"/>	<input type="checkbox"/>
Do the Fines to Asphalt Ratio represent the value in the mix design data?	<input type="checkbox"/>	<input type="checkbox"/>
Does the proposed desirable mean temperature and temperature range fall within specification limits?	<input type="checkbox"/>	<input type="checkbox"/>

Job Mix Formula Values	Yes	No
Was the proposed Optimum Asphalt Content (OAC) chosen at 4 percent air voids?	<input type="checkbox"/>	<input type="checkbox"/>
Were the proposed values for Stability, Flow and percent VFA chosen at the OAC and do they meet the requirements of Table 1 of MP 401.02.22?	<input type="checkbox"/>	<input type="checkbox"/>
Was the proposed percent VMA chosen at the OAC and does it meet the requirements of Table 2 of MP 401.02.22?	<input type="checkbox"/>	<input type="checkbox"/>
Was the proposed Maximum Density (kg/m^3) chosen at the OAC?	<input type="checkbox"/>	<input type="checkbox"/>
Is the proposed value for Specific gravity stone bulk (G_{sb}) listed and does it represent the value found in the mix design data?	<input type="checkbox"/>	<input type="checkbox"/>

