**FHWA DENSITY DEMONSTRATION PROJECT**

**WisDOT**

**Post Construction Project Report** Date:\_\_\_\_\_\_\_

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| **Introduction** (route, location, project length, existing pavement type and condition, pavement design life and traffic, lift thickness(es), control section and test section(s) descriptions, project paving dates, asphalt mix quantities) |
| **Mix Design Properties** (nominal maximum aggregate size, mix design method, laboratory compactive effort, aggregate stockpile and binder percentages, binder type, design gradation, design volumetrics, performance test results if applicable) |
| **Production** (plant type, silo capacity, plant fuel, haul time and length, time of production, production rates, production temperatures, quantities) |
| **Production Mix Properties** (sampling location; comparisons to mix design job mix formula for gradation, asphalt content, and volumetrics; moisture content; performance test results if applicable) |
| **Construction** (weather, pavement preparation (tack coat, milling, levelling course, etc.), haul trucks, paver, material transfer device, temperature behind screed, roller types, roller patterns, passes/coverages) |
| **Field Density Results** (density and reference density testing methods and frequencies, average and standard deviations for each section) |
| **Summary** (Brief discussion of differences in density of control and test sections) |
| **Notes:** Any unique features should be included and discussed. This can be done in the appropriate section or at the end. These may include the use of warm-mix asphalt, IR Bar, intelligent compaction, etc. |

Include tables and photos as appropriate