VT Monitors and Verifies Contractor's Construction Processes Finish Soil Layer HMA Mixture Acceptance HMA Mixture Acceptance (for Contracts let before Jan 2011) (for Contracts let after Jan 2011) Asphalt Roadway VT Roadway Site Asphalt Roadway VT Performs Minimum Performs Minimum Inspector Performs Frequency of Inspection and Verification Activities Minimum Frequency of Verification, Frequency of Inspection and Verification Activities HMA Temperature -HMA Temperature - Twice / Day Twice / Day Projects or Areas < 1/4 No Yes Shoulder Mile Depth and Cross Slope (Milling) -Depth and Cross Slope (Milling) in Length? Once / Day (Min. 10 measurements / Verification) Tangent Sections: 10 per lane mile Transition Areas: At control points in plans Superelevated Sections: Min. 3 measurements Milling Surface Texture -Milling Surface Texture – Once / Day Once / Day No Verification Organic Content and Sampling and Testing Required pH – Tack Coat Spread Rate -Tack Coat Spread Rate -Once / Dav One Sample / 2 Shoulder Once / Day Miles HMA Spread Rate (Yield) -Once per layer / Day HMA Spread Rate (Yield) -Once per layer / Day Enter the Results in LIMS Cross Slope (Paving) -Cross Slope (Paving) -Once/ Day (Min. 10 Tangent Sections: 10 per lane mile Transition Areas: At control points in plans Superelevated Sections: Min. 3 measurements measurements / Verification) Document the findings in Document the findings in Verification Verification Report Report ÷ Inform QC Manager for No Yes Any Immediate Correction Action Deficiencies? Correction Yes No Action Made? Recheck Any No Yes Inform PA to Disapprove Asphalt Portion of the QC Plan Deficiencies? Evaluate Defective Material per Specifications

Attachment 5-10 FLOW CHART <u>CPAM SECTION 5.10 VERIFICATION INSPECTION AND TESTING</u>