VT Monitors and Verifies Contractor’s Construction Processes

HMA Mixture Acceptance (for Contracts let before Jan 2011)

Asphalt Roadway VT Performs Minimum Frequency of Inspection and Verification Activities

HMA Temperature – Twice / Day

Depth and Cross Slope (Milling) – Once / Day (Min. 10 measurements / Verification)

Milling Surface Texture – Once / Day

Tack Coat Spread Rate – Once / Day

HMA Spread Rate (Yield) – Once per layer / Day

Cross Slope (Paving) – Once / Day (Min. 10 measurements / Verification)

Document the findings in Verification Report

Any Deficiencies? Yes

Inform QC Manager for Immediate Correction Action

Correction Action Made? No

Recheck

Any Deficiencies? Yes

Inform PA to Disapprove Asphalt Portion of the QC Plan

Organic Content and pH – One Sample / 2 Shoulder Miles

Enter the Results in LIMS

Projects or Areas < ¼ Shoulder Mile in Length?

No

Yes

HMA Temperature – Twice / Day

Depth and Cross Slope (Milling) – Tangent Sections: 10 per lane mile Transition Areas: At control points in plans Superelevated Sections: Min. 3 measurements

Milling Surface Texture – Once / Day

Tack Coat Spread Rate – Once / Day

HMA Spread Rate (Yield) – Once per layer / Day

Cross Slope (Paving) – Tangent Sections: 10 per lane mile Transition Areas: At control points in plans Superelevated Sections: Min. 3 measurements

Document the findings in Verification Report

No Verification Sampling and Testing Required

Roadway Site Inspector Performs Minimum Frequency of Verification,

HMA Mixture Acceptance (for Contracts let after Jan 2011)

Asphalt Roadway VT Performs Minimum Frequency of Inspection and Verification Activities

Finish Soil Layer

HMA Mixture Acceptance (for Contracts let before Jan 2011)

HMA Temperature – Twice / Day

Depth and Cross Slope (Milling) – Tangent Sections: 10 per lane mile Transition Areas: At control points in plans Superelevated Sections: Min. 3 measurements

Milling Surface Texture – Once / Day

Tack Coat Spread Rate – Once / Day

HMA Spread Rate (Yield) – Once per layer / Day

Cross Slope (Paving) – Tangent Sections: 10 per lane mile Transition Areas: At control points in plans Superelevated Sections: Min. 3 measurements

Document the findings in Verification Report

Any Deficiencies? Yes

Inform QC Manager for Immediate Correction Action

Correction Action Made? No

Recheck

Any Deficiencies? Yes

Inform PA to Disapprove Asphalt Portion of the QC Plan

Evaluate Defective Material per Specifications

Projects or Areas < ¼ Shoulder Mile in Length?

No

Yes

HMA Temperature – Twice / Day

Depth and Cross Slope (Milling) – Tangent Sections: 10 per lane mile Transition Areas: At control points in plans Superelevated Sections: Min. 3 measurements

Milling Surface Texture – Once / Day

Tack Coat Spread Rate – Once / Day

HMA Spread Rate (Yield) – Once per layer / Day

Cross Slope (Paving) – Tangent Sections: 10 per lane mile Transition Areas: At control points in plans Superelevated Sections: Min. 3 measurements

Document the findings in Verification Report

No Verification Sampling and Testing Required

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