**Hot Mix Roadway Inspectors Checklist**

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| --- | --- |
| PIN: |       |
| County: |       |
| Federal Project No.: |       |
| State Project No.: |       |
| Prime Contractor: |       |
| Paving Contractor: |       |
| Date: |       |
| Inspection By: |       |
| Contract No: |       |
| Project Description: |       |

The inspection checklist shall be completed by the Project Supervisor, or their designated representative, during the test strip construction.

|  | **YES** | **NO** | **COMMENTS** |
| --- | --- | --- | --- |
| **Lighting (Section 712.02)** |
| If applicable, has a Lighting plan been submitted and approved? | **[ ]**  | **[ ]**  |       |
| Is lighting on all paving equipment (Paver, Transfer Device, Rollers, trail vehicle) per the approved plan? | **[ ]**  | **[ ]**  |       |
| Is the lighting adequate? | **[ ]**  | **[ ]**  |       |
| **Milling/Cold Planing (Sect. 415)** |
| What is the width of the milling machine(s)? |  |  | Width =       |
| Are the milling teeth in good condition and all in place? | **[ ]**  | **[ ]**  | Teeth spacing =       |
| Is the milled surface free of scabbing, scallops, gouges, ridges, etc…? | **[ ]**  | **[ ]**  |       |
| What is the forward speed (ft. /min?) |  |  | Speed =       |
| Is the proper depth and cross-slope being obtained by milling? | **[ ]**  | **[ ]**  |       |
| **Tack Coat (Sect. 403)** |
| Has the tack coat test strip been completed and is acceptable? What is the application rate to obtain the proper residual rate? | **[ ]**  | **[ ]**  | Application rate=       |
| Has the existing surface been cleaned and all foreign materials been removed? | **[ ]**  | **[ ]**  |       |
| **Material Transfer Device (MTD) (SP407G)** |
| Does the MTD have a minimum of 15 tons storage capacity and capable of remixing the material? | **[ ]**  | **[ ]**  |       |
| Does the paver have a surge hopper with a minimum of 15 tons storage capacity and sloping sides? | **[ ]**  | **[ ]**  |       |
| **Rollers (407.07)** |
| Are three rollers of the required size being used as required (except CS mix) (407.15)? | **[ ]**  | **[ ]**  |       |
| If the inside shoulder and inside traffic lane are being paved concurrently, is there a 4th roller (min. 4 ft wide) for the shoulder? | **[ ]**  | **[ ]**  |       |
| Is a pneumatic roller (rubber tire) used for intermediate rolling? \*If a latex or polymer additive is used a steel wheel roller may be used instead of a pneumatic roller for the intermediate roller provided the surface course meets density requirements. | **[ ]**  | **[ ]**  |       |
| Are rollers equipped with a device for moisten and cleaning the wheels as required? (407.07) | **[ ]**  | **[ ]**  |       |
| Are all spray nozzles working properly (no dry spots or asphalt being picked up on the wheels)? | **[ ]**  | **[ ]**  |       |
| Is a release agent being used on the tires of the pneumatic roller? If yes, what type and is it approved? | **[ ]**  | **[ ]**  | Type:      Approved:       |
| **Paver (407.06)** |
| Is a minimum 40-foot ski or non contact grade control system used for grade control? (407.14) | **[ ]**  | **[ ]**  |       |
| Is the mix maintained at half the auger height? | **[ ]**  | **[ ]**  |       |
| Are auger extensions within 18 inches of the end plate? | **[ ]**  | **[ ]**  |       |
| Is the paver screed heated? | **[ ]**  | **[ ]**  |       |
| Is the screed producing effectively a finished surface of required evenness and texture without tearing, shoving or gouging the mixture? | **[ ]**  | **[ ]**  |       |
| Are temperature limitations being adhered to? Is there an approved “cold weather paving plan” if out of season?(407.09) | **[ ]**  | **[ ]**  |       |
| Is the surface upon which the mix is to be placed free from excessive moisture? | **[ ]**  | **[ ]**  |       |
| Does the mix have an even texture, free from segregation, tearing or shoving? | **[ ]**  | **[ ]**  |       |
| Is the pavement and shoulder cross slope being checked. Are they correct (within 0.5% of the plans)? | **[ ]**  | **[ ]**  |       |
| Are depth checks being made? Is the thickness correct? | **[ ]**  | **[ ]**  |       |
| **Delivery** |
| Are truck beds covered with tarps extending 6 inches over the sides and secured at 5-foot intervals? (407.05) | **[ ]**  | **[ ]**  |       |
| Are truck beds tight, clean, and smooth, with a thin coat of approved release agent? | **[ ]**  | **[ ]**  |       |
| Is the inspector accepting the weight tickets and signing them? | **[ ]**  | **[ ]**  |       |
| Does each truck bed have a ¼” hole for checking temperature? | **[ ]**  | **[ ]**  |       |
| Is the inspector recording temperatures every 3rd load. (Sampling and Test Guide) | **[ ]**  | **[ ]**  |       |
| Is the mix temperature in the paver hopper within the allowable specification limits? (407.11) | **[ ]**  | **[ ]**  |       |
| **Longitudinal Joint** |
| Is the joint area along the edge clean prior to placement of the adjacent mat? Tack coat applied? | **[ ]**  | **[ ]**  |       |
| Is the material slightly high at the joint to allow for compaction (about 0.2” per 1” laid)? | **[ ]**  | **[ ]**  |       |
| Is the longitudinal joint being overlapped 1 to 1.5 inches over the adjacent mat to create a tight joint?  | **[ ]**  | **[ ]**  |       |
| Is the luter casting mix across the mat? | **[ ]**  | **[ ]**  |       |
| On a multiple course pavement, is the longitudinal joint offset by one foot of the preceding layer? | **[ ]**  | **[ ]**  |       |
| For surface course, is the longitudinal joint at the lane/center line of roadway? | **[ ]**  | **[ ]**  |       |
| **Transverse Joint** |
| When tying into existing pavement is a full head of material maintained in front of the screed to the end? | **[ ]**  | **[ ]**  |       |
| Is the material slightly high at the joint to allow for compaction (about 0.2” per 1” laid)? | **[ ]**  | **[ ]**  |       |
| When continuing paving, is the joint thoroughly cleaned and tack applied to ensure a good bond? | **[ ]**  | **[ ]**  |       |
| Is the joint straightedged to ensure smoothness? | **[ ]**  | **[ ]**  |       |
| **Test Strip (407.15)** |
| Is the test strip a minimum of 400 SY as required? | **[ ]**  | **[ ]**  |       |
| Is the mix being compacted to achieve maximum density? | **[ ]**  | **[ ]**  |       |
| Are cores taken where directed to calibrate the nuclear gauges? | **[ ]**  | **[ ]**  |       |
| Do the average and individual nuclear densities meet minimum requirements for the ADT and type of mix (expressed in percent of maximum theoretical density)? What density is required? | **[ ]**  | **[ ]**  | Required density:       |

**COMMENTS:**

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