**Hot Mix Roadway Inspectors Checklist**

|  |  |
| --- | --- |
| 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:**

Click here to enter text.