Bituminous Courses

QA Checklist

Pre-Placement Check

- [ ] all proper agencies notified of work being performed and changes to traffic
- [ ] check MPT
- [ ] appropriate amount of Flagger's are on site
- [ ] it's 35 degrees or above
- [ ] make sure surface is dry
- [ ] tack has broke and isn't still wet
- [ ] all rollers are steel, no rubber tire
- [ ] QC tech is on site with gage
- [ ] JMF is correct
- [ ] MTV is being utilized
- [ ] everyone's wearing appropriate PPE
- [ ] weather isn't making dangerous work conditions

QC Technician Checklist

- [ ] appropriate certifications up to date
- [ ] nuclear gage is certified
- [ ] nuclear gage is calibrated
- [ ] technician has appropriate equipment to take both core samples and loose box samples
- [ ] rolling pattern performed at beginning of operation
- [ ] technician is taking temperatures and monitoring quality of material brought on site
- [ ] cores cut within 24 hours of placement and in presence of Inspector
- [ ] samples properly labeled (ECMS #, lot and sublot, location, date, mixture)

Trucks & Material Checklist

- [ ] material is from an approved supplier
- [ ] trucks brining in material are clean and properly covered
- [ ] material is within temperature specifications (265-320)
- [ ] check temp of first 3 trucks on site and then every few trucks after

- [ ] delivery ticket obtained for every load
- [ ] all material tickets and temperatures documented during operation

Paving Operation Checklist

- [ ] base course lifts of 8” or more are placed in two equal lifts 4”-8” each
- [ ] bituminous paver meets all specs determined by Section 409.3(e)
- [ ] vibratory and oscillating rollers have separate controls for energy and propulsion
- [ ] paver distributes a uniform mixture for full width
- [ ] paver places material at required depth
- [ ] screedmen periodically Check depth and check yourself if you’re unsure depth requirements are being met
- [ ] if material doesn’t meet all specs upon arrival, it will be rejected
- [ ] check for segregation and take appropriate action if segregation is severe
- [ ] optimum roller pattern is establish and followed
- [ ] rollers didn’t cause any marking or cutting
- [ ] technician actively monitoring rollers and material and adjusts pattern when necessary for compaction

After Paving Operation Checklist

- [ ] all samples are obtained in the presence of Inspector
- [ ] material protected from traffic until cooled to 140 degrees or less
- [ ] material protected until stability and adhesion are attained
- [ ] no artificial cooling allowed

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