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