**2024 General Notes Changes**

**Item 132: Embankment**

**Item 134: Backfilling Pavement Edges**

* Added “ The emulsified asphalt rate is 0.12 gal/sy

**Item 247: Flex Base**

* Removed Linear Shrinkage requirement- Has min PI of 2

**Item 275: Cement Treated (Road-mix)**

* Tex-148 will not be preformed. – Organics could impact strength which we do not require

**Item 276: Cement Treatment (Plant-Mix)**

**Item 300: Asphalts, Oils, and Emulsions**

**Item 302: Aggregates for Surface Treatments**

**Item 310: Prime Coat**

**Item 315: Fog Seal**

**Item 316: Seal Coat**

* Removed “Cease application of asphalt 2hr. before sunset unless otherwise directed.”
* Removed “Use precoat aggregate with AC-15P or AC-20XP, and use non-precoated aggregate with RC-250 and CRS-2P.”
* Removed “Furnish medium pneumatic tire rollers in accordance Item 210, “Rolling”. Provide enough rollers to perform the work as directed.”
* Removed “Blade the existing paved shoulders prior to surface treatment operations to remove existing overgrowth. This work will be subsidiary to the bid item.”

**Item 320: Equipment for Asphalt Concrete Pavement**

* A material transfer vehicle (MTV) will be required for all courses of HMA on this project. An MTV is defined as a self-propelled, wheel-mounted vehicle capable of receiving HMA from the haul trucks separate from the paver. The MTV shall have a minimum storage capacity of approximately 25 tons and shall be equipped with a pivoting discharge conveyor and a means of completely remixing the HMA prior to placement.
* Cover each load of mixture with waterproof tarpaulins.
* Operate the spreading and finishing machine at a uniform forward speed consistent with the plant production rate, hauling capability, and roller train capacity to result in a continuous operation. The speed shall be slow enough so that stopping between trucks is not ordinarily required. If, in the opinion of the Engineer, sporadic delivery of material is adversely affecting the HMA placement, the Engineer may require paving operations to cease until acceptable methods are employed to minimize starting and stopping of the paver.

**Item 340 has been removed**- No longer an item

**Item 341: Dense-Graded Hot-Mix Asphalt**

* Removed note TX-203 will be ran on complete mix.- Will follow spec
* MTV and tarp notes moved to Item 320

**Item 342: Permeable Friction Course (PFC)**

* Added “The engineer may restrict the contractor from paving surface mixtures if the ambient temperature is likely to drop below 32 degrees Fahrenheit within 12hrs of paving.”
* Moved tarp and MTV notes to Item 320

**Item 344: Superpave Mixtures**

* Added “The engineer may restrict the contractor from paving surface mixtures if the ambient temperature is likely to drop below 32 degrees Fahrenheit within 12hrs of paving.”
* MTV and tarp notes moved to Item 320
* Removed note TX-203 will be ran on complete mix.- Will follow spec
* No binder substitutions from polymer modified to non-polymer modified will be allowed.

**Item 347: Thin Overlay Mixtures (TOM)**

* Removed 2 rollers for placement under 80\* note
* Removed tack note
* Added “The engineer may restrict the contractor from paving surface mixtures if the ambient temperature is likely to drop below 32 degrees Fahrenheit within 12hrs of paving.”
* MTV and tarp notes moved to Item 320