

**ARKANSAS DEPARTMENT OF TRANSPORTATION****SUPPLEMENTAL SPECIFICATION****GRINDING PORTLAND CEMENT CONCRETE PAVEMENT**

**Division 500** of the Standard Specifications for Highway Construction, Edition of 2014, is hereby amended as follows:

**Subsection 510.03, Construction Requirements** is hereby modified as follows:

**Subsection 510.03, Construction Requirements** shall be amended by the deletion of the last sentence in the fourth paragraph.

**Subsection 510.03, Construction Requirements** shall be amended by the deletion of the sixth paragraph and the following substituted therefor:

The Contractor shall establish positive means for removal and disposal of grinding residue. Solid residue including joint material shall be immediately removed from the pavement surfaces before being blown by traffic action or wind. Concrete slurry or water contaminated by grinding residue shall not be permitted to flow across lanes used by public traffic or allowed to enter gutters, storm sewers, surface waters, floodplains, wetlands, or railroad rights-of-way. In areas with gutters, drop inlets, or other closed drainage systems, the inlets shall be protected during grinding operations with sandbags, filter socks, or similar best management practices, as directed by the Engineer.

All solid, liquid, and slurry residue shall be removed from the roadway or shoulder by continuous vacuum and collection operations or method approved by the Engineer and disposed of by one of the following means:

1. The residue may be collected in approved storage tanks and disposed of at a facility properly permitted to accept such waste products.
2. The wastewater may be collected in tanks or basins for settling and applied to pre-approved flat, well-vegetated areas at least 100 feet from a water body, storm sewer inlet, floodplain, or wetland after treatment, where the pH of the discharged wastewater is between 6.0 and 9.0.

At least thirty days prior to beginning grinding work, the contractor shall submit a slurry management plan to the Engineer, which will be coordinated through Environmental Division for approval. If the contractor proposes to apply the treated wastewater to a vegetated area, a map shall be included showing the proposed discharge location. A determination will be made within ten business days concerning the appropriateness of the proposed plan. If the plan is not acceptable, the Contractor will be required to either modify the plan or submit an alternative proposal.

**Subsection 510.06, Basis of Payment** is hereby modified as follows:

**ARKANSAS DEPARTMENT OF TRANSPORTATION**

**SUPPLEMENTAL SPECIFICATION**

**GRINDING PORTLAND CEMENT CONCRETE PAVEMENT**

**Subsection 510.06, Basis of Payment** is hereby deleted and following substituted therefor:

Work completed and accepted and measured as provided above will be paid for at the contract unit price bid per square yard (square meter) for Grinding Portland Cement Concrete Pavement, which price shall be full compensation for furnishing equipment; for grinding the existing concrete pavement; for removal and disposal of residue and cleaning the pavement; for treatment and disposal of wastewater; for furnishing and operating the automated lightweight profilometer, for measuring the surface profile indices and the IRI; and for all labor, equipment, tools, and incidentals necessary to complete the work.

Payment will be made under:

| <b>Pay Item</b>          | <b>Pay Unit</b> |
|--------------------------|-----------------|
| Grinding Portland Cement | Square Yard     |
| Concrete Pavement        | (Square Meter)  |