

**ERRATA SHEET FOR STANDARD SPECIFICATION BOOK FOR STATE  
ROAD AND BRIDGE CONSTRUCTION, EDITION 2007**

**GENERAL**

The Kansas Department of Transportation **STANDARD SPECIFICATIONS FOR STATE ROAD AND BRIDGE CONSTRUCTION (2007 EDITION)** includes:

**DIVISION 100, JULY 2007 REISSUE  
DIVISION 200, 2007 EDITION  
DIVISION 300, 2007 EDITION  
DIVISION 400, 2007 EDITION  
DIVISION 500, 2007 EDITION  
DIVISION 600, 2007 EDITION  
DIVISION 700, 2007 EDITION  
DIVISION 800, 2007 EDITION  
DIVISION 900, 2007 EDITION  
DIVISION 1100, 2007 EDITION  
DIVISION 1200 - 1500, 2007 EDITION  
DIVISION 1600, 2007 EDITION  
DIVISION 1700 - 1900, 2007 EDITION  
DIVISION 2000 - 2100, 2007 EDITION  
DIVISION 2200 - 2600, 2007 EDITION**

References to the "Bureau of Traffic Engineering" are synonymous with their new title "Bureau of Transportation Safety and Technology".

References to the "Bureau of Construction and Maintenance" are synonymous with "Bureau of Construction and Materials".

References to "Bureau of Materials and Research" are synonymous with "Bureau of Construction and Materials".

References to "Assistant Bureau Chief of Construction and Maintenance, Plans and Proposals" and "Assistant Bureau Chief of Construction and Maintenance" are synonymous with "Construction Letting Engineer".

References to "Bureau of Design, Environmental Services Section" are synonymous with "Bureau of Right Of Way, Environmental Services Section".

References to "Bureau Chief of Materials and Research" are synonymous with "Bureau Chief of Construction and Materials".

References to "Bureau of Design, State Bridge Office" and "Bureau of Design Bridge Section" are synonymous with "Bureau of Structures and Geotechnical Services".

References to "Bureau of Materials and Research, Research Unit" are synonymous with "Bureau of Research".

Replace all references to "KTMR-25" with "AASHTO T96".

**VETERANS EMPLOYMENT**

KDOT encourages Contractors, and their subcontractors, to make best faith efforts to hire veterans (as defined in section 2108 of title 5 of the United States Code) for employment in highway improvement projects utilizing Federal funds.

Reference: 23 USC 114(d)

## SECTION 101 DEFINITIONS AND TERMS

**Page 100-3, add the following after the definition for CALENDAR DAY:**

**CATALOG CUTS** - Manufacturers' technical literature that the Contractor is required to submit to the Engineer for approval. On projects where Buy America requirement apply, note on shop drawing and catalog cuts that steel and iron used meets Buy America, unless otherwise specified.

**Page 100-6, delete the definition for LEGAL HOLIDAYS and replace with the following:**

**LEGAL HOLIDAYS** - Legal holidays are defined as State Civil Service holidays, including New Year's Day, Martin Luther King Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Christmas Day and any other day proclaimed by the Governor of the State of Kansas, Saturdays following a Friday holiday, and Saturdays preceding a Monday holiday. When the Contract Documents use the term "Business Days", the list will also include Columbus Day, Presidents Day, and any other federal holiday not recognized by the state of Kansas.

**Page 100-7, subsection 101.3. Delete the definition for PART V, and replace with the following:**

Part V (2014 version) of the KDOT Construction Manual which primarily refers to materials and tests for materials used in the project. Part V (2014 version) is a Contract Document.

**Page 100-9, subsection 101.3. Add the following to the end of the WORKING DRAWING definition:**

On projects where Buy America requirement apply, note on shop drawing and catalog cuts that steel and iron used meets Buy America, unless otherwise specified.

## SECTION 105 CONTROL OF WORK

**Page 100-40, delete subsection 105.10b., and replace with the following:**

**b. Working Drawings.** Submit an electronic copy of working drawings in Adobe PDF (Portable Document Format) file format, with a maximum internal page size of 17 inches by 11 inches. For each deliverable (falsework plans for a structure, shop drawings for structural elements which will be fabricated, etc.), submit the copy in one transmission, with the sheets consecutively numbered, and with no duplications of sheets.

## SECTION 152 HAULING AND WEIGHING EQUIPMENT

**Page 150-4, subsection 152.2. Delete the third bullet ("the weighing devices...") in the second paragraph and replace with the following:**

- the weighing devices shall be accurate within 0.25% throughout the range of use.

## SECTION 156 ROADSIDE IMPROVEMENT EQUIPMENT

**Page 150-20, delete subsection 156.1a. and replace with the following:**

**a. Seeding Drills.** Use drills for roadside seeding and fertilizing in good working order so that the rate of seed and fertilizer is applied at the rates shown in the Contract Documents. Two or more separate seed compartments may be necessary for seeding certain projects. Provide seed compartments capable of the accuracy needed to obtain the seeding rates shown for the various grasses, wildflowers and legumes listed in the Contract Documents. Use a drill that can apply commercial grass seed and wildflower seed, or a drill with attachments that would allow the application of fertilizer, grass seeds and wildflower seeds at the rate and depth specified in the Contract Documents. The drill must be approved by the Engineer. The Engineer will approve the width of the drill on the basis of the area to be seeded. The space of seed-tubes, disks and boots shall be a maximum of 8 inches. Provide drills that accurately control the depth of seeding and fertilizer placement to a maximum depth of ½ inch.

Construct the seed and fertilizer compartments with partitions to prevent the material sliding to one side of the drill while operating on steep slopes.

If a separate cultipacker is not used, use a seed drill with press wheels.

### **SECTION 302 LIME TREATED SUBGRADE**

**Page 300-6, subsection 302.4. Delete the third paragraph and replace with the following:**

The Engineer will measure water used for lime treated subgrade by the M Gallon using calibrated tanks or water meters. The Engineer will measure water used for mixing the lime, subgrade preparation, mixing subgrade and lime, compacting and curing the lime treated subgrade. The Engineer will not measure water used for dust control, water wasted through the Contractor's negligence or water in excess of the quantity required for mixing and compacting the lime treated subgrade.

### **SECTION 305 AGGREGATE BASE AND AGGREGATE SHOULDERS**

**Page 300-12, subsection 305.3d. Delete the first paragraph and replace with the following:**

Cure the compacted layer to develop sufficient stability to resist wheel truck rutting before vehicular hauling or heavy equipment is permitted on the base. When Contract Documents call for a PGAB or Cutback asphalt prime coat on the aggregate base, cure the compacted layer to maximum moisture content of 60% of optimum moisture content for AB-1, AB-2, & AB-4 and 70% for AB-3, prior to the construction of the Asphalt Prime Coat. The Engineer will perform testing to determine when the cure of the aggregate base is complete. The Engineer may require that the surface of the aggregate base be kept moist during the curing period to prevent loss of surface material.

### **SECTION 503 PORTLAND CEMENT CONCRETE PAVEMENT SMOOTHNESS**

**Page 500-35, TABLE 503-2: PCCP SMOOTHNESS PRICE ADJUSTMENT. In the first column, change "6.0 to 10.0" to "6.1 to 10.0"**

### **SECTION 601 ASPHALT APPLICATION TEMPERATURES**

**Page 600-1, TABLE 601-1: ASPHALT APPLICATION TEMPERATURES. In the sixth row under TYPE and GRADE, delete "ST-1P" and add "SS-1HP".**

### **SECTION 708 FALSEWORK AND FORMS**

**Page 700-28, subsection 708.3a.(3). Delete the second bullet and replace with the following:**

- Concrete Box Structures with cell spans greater than 16 feet or cell heights greater than 14 feet;

**Page 700-31, subsection 708.4. Delete the first paragraph and replace with the following:**

The Engineer will not measure Falsework Design, Falsework Construction or Forms (design or construction) for payment.

**SECTION 711  
REINFORCING STEEL**

**Page 700-44, subsection 711.3d.(3). Delete the fourth paragraph and replace with the following:**

If the splicing systems require the entire splice be prepared in a fabricator's shop for later assembly in the field, and unless the field assembly requires operator prequalification, each shipment to the project is considered a separate lot. One specimen is taken from each lot.

**SECTION 712  
STRUCTURAL STEEL CONSTRUCTION**

**Page 700-46, subsection 712.2 Materials. Change "Bearing Plate Mats or Pads" to "Bearings and Pads".**

**Page 700-52, subsection 712.3c. Add the following sentence to the end of the first paragraph:**

The company/individual performing non-destructive testing of field welds shall be separate and independent of the company/individual that performed the field welding.

**SECTION 717  
SILICA FUME OVERLAY**

**Page 700-83, subsection 717.1. Delete the (\*\*) from the bid item Silica Fume Overlay, and delete "\*\*\*High Early Strength".**

**Page 700-83, subsection 717.3. In the fourth paragraph, last sentence, change "vibrated unit weight" to "consolidated unit weight".**

**Page 700-84, subsection 717.3c. Delete the ninth paragraph (Manipulate, ....) and replace with the following:**

Manipulate, mechanically strike off and mechanically consolidate new concrete to a minimum of 98% of the consolidated unit weight and screed to final grade. Float and straightedge the wearing surface so the finished surface is at the cross-section shown in the Contract Documents. In irregular areas or along the curb where the finishing screed does not reach, hand tamp with a 6 inch by 6 inch metal plate device to assist in consolidation and bonding of the concrete. When concrete for partial depth patches is placed with the overlay, apply additional vibration or hand tamping in the patch areas to assist in consolidation and bonding of the concrete.

**SECTION 801  
MOBILIZATION**

**Page 800-1, subsection 801.4b. Add the following after the first paragraph:**

The lump sum amount bid for "Mobilization (DBE)" shall not exceed 10% of the total amount identified by the Contractor for each DBE. The total lump sum amount bid must equal the sum of the DBE mobilization amounts designated on 07-19-80, latest revision. Amounts recorded on 07-19-80, latest revision, must be actual amounts to be paid to the DBE's. Do not include any markups.

**SECTION 804  
MAINTENANCE AND RESTORATION OF HAUL ROADS**

**Page 800-10, subsection 804.4. Add the following:**

When the bid item is not included in the Contract Documents, any haul road repair is subsidiary to the other items in the Contract Documents.

**SECTION 810  
INERTIAL BARRIER SYSTEM**

**Page 800-28, subsection 810.2. Add the following:**

Impact attenuators prequalified under **SECTION 1726** (07-08034, latest revision) may be substituted for inertial barrier systems with approval of the Engineer.

**Page 800-28, subsection 810.3. Delete the second paragraph and replace with the following:**

At the beginning of each project and in the presence of the Engineer, fill the inertial barrier system modules with a mixture of 95% aggregate and 5% rock salt by weight. Use aggregate with a moisture content of 3% or less by weight, determined according to **DIVISION 2500**. Fill each of the modules with any of the specified mixture of aggregates and rock salt. Do not mix the types of aggregates within a module.

**SECTION 820  
FLUME INLETS AND SLOPE DRAINS**

**Page 800-52, subsection 820.1. Add the following to the BID ITEMS list:**

Slope Drain (Special)	Linear Foot
-----------------------	-------------

**SECTION 822  
UNDERDRAINS**

**Page 800-54, subsection 822.2. Change "Aggregate for Backfill" to "Aggregate for Underdrains".**

**SECTION 825  
CURB AND GUTTER**

**Page 800-62, subsection 825.3b.(4). Delete the second paragraph and replace with the following:**

Construct planes of weakness in curbs and gutters at locations shown in the Contract Documents.

**SECTION 828  
FENCING**

**Page 800-67, subsection 828.1. Change the first Bid item from "Fence (\*) (\*\*)" to "Fence (\*) (\*\*) (\*\*\*)". Add " (\*\*\*) Special" at the end of the subsection. In the \* for Bid Items, change "Single Wire Cable (Type I, Type II or Type I or II)" to "Single Wire Cable".**

**Page 800-70, subsection 828.3. Add the following:**

**r. Erection of Chain Link Fence (Special).** Erect the Chain Link Fence (Special) as shown in the Contract Documents.

**SECTION 830  
SLOPE PROTECTION**

**Page 800-72, subsection 830.1. Add the following to the BID ITEMS list:**

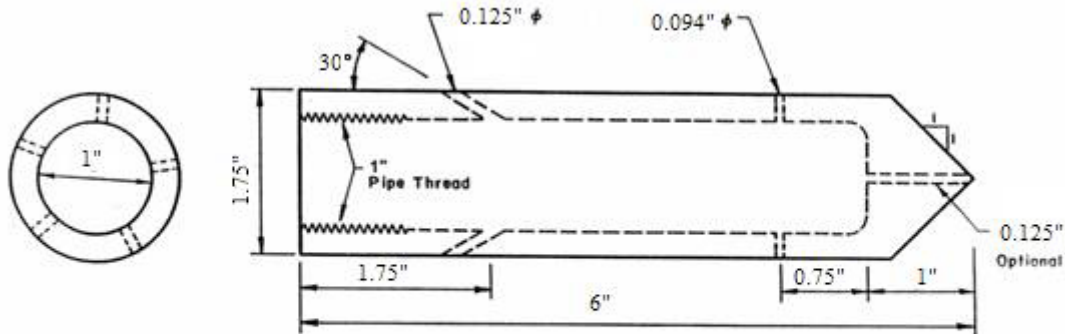
Slope Protection (Gabion)	Cubic Yard
Slope Protection (Special)	Cubic Yard

**SECTION 831  
DITCH LINING**

Page 800-74, subsection 831.3c. In the 2 bulleted items, replace "fibers" with "macrofibers"

**SECTION 845  
CLEANING EXISTING STRUCTURES**

Page 800-100, replace FIGURE 845-1 with the following:



Dimensions of the High Pressure Pipe Cleaning Nozzle.  
FHWA/RD-81/078

**SECTION 902  
FERTILIZER, AGRICULTURAL LIMESTONE AND PEAT MOSS**

Page 900-7, subsection 902.3a., add the following:

When fertilizer is designated for use with sod, apply an even blended fertilizer (such as 12-12-12 or 15-15-15) at the rate of 1 pound of actual nitrogen per 1000 square feet.

**SECTION 910  
STONE MASONRY TREE WELLS**

Page 900-21, subsection 910.2. Second paragraph, first sentence, remove "or chat".

**SECTION 912  
WATER SYSTEMS**

Page 900-24, subsection 912.1. In the BID ITEMS list, change the units from "Each" to "Lump Sum".

Page 900-24, subsection 912.4., delete the first paragraph and replace with the following:

The Engineer will measure water systems by the lump sum.

**DIVISION 1100  
AGGREGATES**

Replace all references to "KTMR-25" with "AASHTO T96".

**SECTION 1110  
AGGREGATES FOR SUBGRADE MODIFICATION OR RECONSTRUCTION**

**Page 1100-27, subsection 1110.2b. Change Soundness from "50%" to "0.85". Change Wear from "0.85" to "50%".**

**SECTION 1201  
GENERAL REQUIREMENTS FOR DIVISION 1200 – ASPHALT MATERIALS**

**Page 1200-4, subsection 1201.5a. Last sentence, change subsection "1201.2d.(3)" to "1201.2d.(2)".**

**SECTION 1505  
MATERIALS FOR FILLING AND SEALING JOINTS IN PIPE**

**Page 1500-7, subsection 1505.2b. Delete the last paragraph and replace with the following:  
Provide material that complies with AASHTO M 198.**

**SECTION 1609  
STEEL PILING AND PILE POINTS**

**Page 1600-17, subsection 1609.2b.(2). Second paragraph, third sentence, remove "respectively" from the end of the sentence.**

**SECTION 1615  
ANCHOR BOLTS FOR STRUCTURAL USES**

**Page 1600-25, subsection 1615.2b.(1). Delete the second sentence and replace with the following:  
Provide cut or rolled threads for bridge bearing applications. Provide rolled threads for all other applications.**

**SECTION 1622  
STEEL POSTS FOR DELINEATOR MARKERS**

**Page 1600-38, subsection 1622.2b. Delete the second paragraph and replace with the following:**

Protect posts from corrosion by application of an organic zinc coating or a zinc coating by the hot dip galvanizing (HDG) process or produced from HDG sheet steel. Perform all perforating and machining operations prior to application of the organic zinc coating or HDG of the finished post. Non-coated edges on posts produced from HDG sheet steel are acceptable. The method of corrosion protection utilized is at the discretion of the post manufacturer.

**SECTION 1624  
ZINC COATINGS**

**Page 1600-39, subsection 1624.2. First, second and third paragraphs, change "ASTM F 2329" to "ASTM A 153".**

**SECTION 2110  
MULCH**

**Pave 2100-16, subsection 2110.2a. First paragraph, last sentence, delete "smooth bromegrass hay".**

**SECTION 2200  
TEMPORARY PAVEMENT MARKING TAPE**

**Page 2200-19, subsection 2210.1. First paragraph, delete the second sentence and replace with the following:**

This included both Type I and Type II materials for use on both portland cement concrete and asphalt surfaces.

**SECTION 2114  
SILT FENCE**

**Page 2100-23. Change Header from "2214" to "2114".**

**SECTION 2210  
TEMPORARY PAVEMENT MARKING TAPE**

**Page 2200-19. Subsection 2210.1, first paragraph and replace with the following:**

This specification covers preformed plastic pavement markings designed for limited service life. This includes both Type I and Type II materials for use on both portland cement concrete and asphalt surfaces. Type II is further broken out for prequalification by use. Plain Type II is that which is prequalified for general use in all configurations on both portland cement concrete and asphalt surfaces. Type IIA is that which is prequalified for use as temporary skip lines on new asphalt surfaces only.

**SECTION 2212  
PREFORMED THERMOPLASTIC PAVEMENT MARKING MATERIAL**

**Page 2200-24. Delete subsection 2212.2a.(2) and replace with the following:**

**(2) Provide material with a minimum thickness of 0.09 inch as supplied by the manufacturer.**

**SECTION 2302  
WOOD FENCE POSTS**

**Page 2300-6, subsection 2302.2a.(2) change " subsection 2302.02d." to " subsection 2302.2d."**

**Page 2300-6, subsection 2302.2a.(4) change " subsection 2302.02c." to " subsection 2302.2c."**

**SECTION 2600  
MATERIALS CERTIFICATIONS**

**Page 2600-1, subsection 2601.2a.(2)(h). Change "subsection 2601.02b" to "subsection 2601.2b."**

**Page 2600-2, subsection 2601.2b.(4). Change "subsection 2601.02a" to "subsection 2601.2a."**

**Page 2600-3, subsection 2601.2f.(3)(b). Change "subsection 1101.02c.(1),(2)" to "subsection 2601.2f.(1) and (2)".**