



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

June 3, 2009

SUBJECT: FAP 361 (Stearns Road)  
Project HPP-1527(018)  
Section 06-00214-25-BR  
Kane County  
Contract No. 63076  
Item 46  
June 12, 2009 Letting  
Addendum (A)

TO PROSPECTIVE BIDDERS:

Due to clarify information necessary to revise the following:

**Proposal – Revised pages 1 & 2 of the Index of Special Provisions. Added pages 17a, 44a, 44b & 44c to the special provisions. Revised pages 44 & 45 of the special provisions.**

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal.

Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Very truly yours,

Charles Ingersoll  
Engineer of Design and Environment

A handwritten signature in cursive script, reading "Ted B. Walschleger" followed by "D.E." in a smaller font.

By: Ted B. Walschleger  
Engineer of Project Development  
and Implementation

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Stearns Road Corridor Stage 5  
Section No. 06-00214-25-BR  
Job No.: C-91-247-06  
Project No. HPP-1527 (018)  
Contract No.: 63076

### **EARTHWORK**

At the east end of the project from Station 505+80 to Station 508+00 there are compressive soils that are anticipated to settle upon placement of the new embankment material. All roadway embankment must be placed and compacted in Accordance with Standard Specification Section 205. The section from Station 499+50 to Station 508+35 shall be completed by the Fall of 2009 to allow for 5 months for settlement to occur prior to the new drainage and pavement construction. At that time, two thirds of the anticipated settlement of 6 inches is anticipated to have occurred. Settlement platforms are to be installed according to the locations shown on the plan and profile sheets. Final embankment must be approved by the Engineer before continuation of work in this area. No additional compensation will be made for delays occurring from the settlement of the embankment.

*Added 6-3-09*

Erosion control blanket shall be installed in all seeded areas as shown in the plans. The erosion control blanket shall be "North American Green SC150" as manufactured by North American Green, Inc. or an approved equal. The blanket shall be placed within 24 hours after seeding operations have been completed on the areas specified. Prior to placing the blanket, the areas to be covered shall be relatively free of all rocks or clods over 40mm in diameter, and all sticks or other foreign material which will prevent the close contact of the blanket with the seed bed. The blanket shall be placed perpendicular to the slope. The top of the blanket shall be toed into the top of slope in a 6" (min.) deep trench and backfilled. Staples shall be placed at a rate of 3.5 staples per square yard. The blanket shall overlap 4" (min.) with adjacent blanket. Staples in organic soils shall be a "North American Green a 12-inch ECO-Stake" as manufactured by North American Green, Inc. or an approved equal to ensure adequate anchorage in the organic soils.

Method of Measurement. This work shall be measured for payment in place per square yards of actual surface area covered.

Basis of Payment. This work shall be paid for at the contract unit price per square yard for EROSION CONTROL BLANKET (SPECIAL 2). The price shall include all necessary labor, material and equipment needed to install the work described herein and as specified on the plans.

**TEMPERATURE CONTROL FOR CONCRETE PLACEMENT (DISTRICT ONE)**

Effective: May 1, 2007

Delete the second and third sentences of the second paragraph of Article 1020.14(a) of the Standard Specifications.

**COARSE AGGREGATE FOR HOT-MIX ASPHALT (HMA) (D-1)**

Effective : March 16, 2009

Revise Article 1004.03 of the Standard Specifications to read:

**1004.03 Coarse Aggregate for Hot-Mix Asphalt (HMA).** The aggregate shall be according to Article 1004.01 and the following.

(a) Description. The coarse aggregate for HMA shall be according to the following table.

Use	Mixture	Aggregates Allowed
Class A	Seal or Cover	Gravel Crushed Gravel Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag Crushed Concrete
HMA All Other	Stabilized Subbase or Shoulders	Gravel Crushed Gravel Crushed Stone Crushed Sandstone Crushed Slag Crushed Concrete  The coarse aggregate for stabilized subbase, if approved by the Engineer, may be produced by blending aggregates according to Article 1004.04(a).
HMA High ESAL Low ESAL	IL-25.0, IL-19.0, or IL-19.0L	Crushed Gravel Crushed Stone Crushed Sandstone Crushed Slag (ACBF)
HMA High ESAL Low ESAL	C Surface IL-12.5,IL-9.5, or IL-9.5L	Gravel (only when used in IL-9.5L) Crushed Gravel Crushed Stone
		Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag (except when used as leveling binder)

Use	Mixture	Aggregates Allowed
HMA High ESAL	D Surface IL-12.5 or IL-9.5	<p>Crushed Gravel            Crushed Stone (other than Limestone)            Crushed Sandstone            Crushed Slag (ACBF)            Crushed Steel Slag (except when used as leveling binder)</p> <p>Limestone may be used in Mixture D if blended by volume in the following coarse aggregate percentages:            Up to 25% Limestone with at least 75% Dolomite.            Up to 50% Limestone with at least 50% any aggregate listed for Mixture D except Dolomite.            Up to 75% Limestone with at least 25% Crushed Slag (ACBF) or Crushed Sandstone.</p>
HMA High ESAL	E Surface IL-12.5 or IL-9.5	<p>Crushed Gravel            Crushed Stone (other than Limestone and Dolomite)            Crushed Sandstone</p> <p>No Limestone.</p> <p>Dolomite may be used in Mixture E if blended by volume in the following coarse aggregate percentages:            Up to 75% Dolomite with at least 25% Crushed Sandstone, Crushed Slag (ACBF), or Crushed Steel Slag. When Crushed Slag (ACBF) or Crushed Steel Slag are used in the blend, the blend shall contain a minimum of 25% to a maximum of 75% of either Slag by volume.            Up to 50% Dolomite with at least 50% of any aggregate listed for Mixture E.</p> <p>If required to meet design criteria, Crushed Gravel or Crushed Stone (other than Limestone or Dolomite) may be blended by volume in the following coarse aggregate percentages:</p>
		<p>Up to 75% Crushed Gravel or Crushed Stone (other than Limestone or Dolomite) with at least 25% Crushed Sandstone, Crushed Slag (ACBF), or Crushed Steel Slag. When Crushed Slag (ACBF) or Crushed Steel Slag are used in the blend, the blend shall contain a minimum of 25% to a maximum of 50% of either Slag by volume.</p>

*Added 6-3-09*

Use	Mixture	Aggregates Allowed
HMA High ESAL	F Surface IL-12.5 or IL-9.5	Crushed Sandstone  No Limestone.  Crushed Gravel, Crushed Concrete, or Crushed Dolomite may be used in Mixture F if blended by volume in the following coarse aggregate percentages: Up to 50% Crushed Gravel, Crushed Concrete or Crushed Dolomite with at least 50% Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or any Other Crushed Stone (to include Granite, Diabase, Rhyolite or Quartzite). When Crushed Slag (ACBF) or Crushed Steel Slag are used in the blend, the blend shall contain a minimum of 50% to a maximum of 75% of either Slag by volume.

(b) Quality. For surface courses and binder courses when used as surface course, the coarse aggregate shall be Class B quality or better. For Class A (seal or cover coat), other binder courses, and surface course IL-9.5L (Low ESAL), the coarse aggregate shall be Class C quality or better. For All Other courses, the coarse aggregate shall be Class D quality or better.

(c) Gradation. The coarse aggregate gradations shall be as listed in the following table.

Use	Size/Application	Gradation No.
Class A-1, 2, & 3	3/8 in. (10 mm) Seal	CA 16
Class A-1	1/2 in. (13 mm) Seal	CA 15
Class A-2 & 3	Cover	CA 14
HMA High ESAL	IL-25.0 IL-19.0 IL-12.5 IL-9.5	CA 7 <sup>1/2</sup> or CA 8 <sup>1/2</sup> CA 11 <sup>1/2</sup> CA 16 and/or CA 13 CA 16
HMA Low ESAL	IL-19.0L IL-9.5L	CA 11 <sup>1/2</sup> CA 16
HMA All Other	Stabilized Subbase or Shoulders	CA 6 <sup>2/</sup> , CA 10, or CA 12

1/ CA 16 or CA 13 may be blended with the gradations listed.

2/ CA 6 will not be permitted in the top lift of shoulders.

*Added 6-3-09*



**FINE AGGREGATE FOR HOT- MIX ASPHALT (HMA) (D-1)**

Effective: May 1, 2007

Revised: May 1, 2009

Add the following to the gradation tables of Article 1003.01(c) of the Standard Specifications:

FINE AGGREGATE GRADATIONS					
Grad No.	Sieve Size and Percent Passing				
	3/8	No. 4	No. 8	No. 16	No. 200
FA 22	100	6/	6/	8±8	2±2

FINE AGGREGATE GRADATIONS (metric)					
Grad No.	Sieve Size and Percent Passing				
	9.5 mm	4.75 mm	2.36 mm	1.16 mm	0.075 mm
FA 22	100	6/	6/	8±8	2±2

6/ For the fine aggregate gradations FA 22, the aggregate producer shall set the midpoint percent passing and a range of ± 10% shall be applied. The midpoint shall not be changed without Department approval.

Revise Article 1003.03 (c) of the Standard Specifications to read:

“Gradation. The fine aggregate gradation for all HMA shall be FA1, FA 2, FA 20, FA 21 or FA 22. When Reclaimed Asphalt Pavement (RAP) is incorporated in the HMA design, the use of FA 21 Gradation will not be permitted.

**AGGREGATE SUBGRADE 12" (300 mm)**

Effective: May 1, 1990

Revised: August 1, 2008

This work shall be done in accordance with the applicable portions of Section 207 of the Standard Specifications. The material shall conform to Article 1004.05 of the Standard Specifications except as follows:

Crushed Stone, Crushed Blast Furnace Slag, and Crushed Concrete will be permitted. Steel slag and other expansive materials as determined through testing by the Department will not be permitted.

<u>Sieve Size</u>	<u>Percent Passing</u>
6 in. (150 mm)	97 ± 3
4 in. (100 mm)	90 ± 10
2 in. (50 mm)	45 ± 25