Illinois Department of Transportation
2300 South Dirksen Parkway / Springfield, Illinois / 62764

June 4th, 2025

SUBJECT FAI Route 72 (I-72)
Section (86-10RS-5; 69-6RS-3)BRR-1, BP
Morgan and Scott County
Contract No. 72A58

Item No. 097, June 13th, 2025 Letting
Addendum B

NOTICE TO PROSPECTIVE BIDDERS:

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

1. Revised page ii of the Table of Contents of the Special Provisions.
2. Added pages 158-160 of the Special Provisions.

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

Very truly yours,

Jack A. Elston, P.E.
Bureau Chief, Design and Environment

MTS

Revised 6-4-2025

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HOT-MIX ASPHALT DENSITY
Effective: January 1, 2025

Replace the Acceptable Limits table in Article 1030.07(h) of the Standard Specifications with the following:

"(h) Acceptance by the Engineer. To be considered acceptable, all the Department's test results shall be within the acceptable limits listed below.

Acceptable Limits		
Parameter		Acceptable Range
Air Voids		2.0 – 6.0 %
Field VMA		-1.0 – +3.0 % 1/
Density	IL-19.0, IL-9.5, IL-9.5FG, IL-4.75	90.0 – 98.5% 2/
	SMA-12.5, SMA-9.5	92.0 – 98.5% 2/
Dust / AB Ratio		0.4 – 1.6 3/

1/ Based on minimum required field VMA as stated in the mix design volumetric requirements herein.
2/ Upper limit is waived for HMA binder mixtures that are not open to traffic prior to placement of the HMA surface mixture.
3/ Does not apply to SMA."

Replace the Acceptable Limits table in Article 1030.08(e) of the Standard Specifications with the following:

"(e) Acceptance by the Engineer. To be considered acceptable, all the Department's test results shall be within the acceptable limits listed below.

Acceptable Limits		
Parameter		Acceptable Range
Air Voids		2.0 – 6.0 %
Field VMA		-1.0 – +3.0 % 1/
Density	IL-19.0, IL-9.5, IL-9.5FG, IL-4.75	90.0 – 98.5% 2/
	SMA-12.5, SMA-9.5	92.0 – 98.5% 2/
Dust / AB Ratio		0.4 – 1.6 3/

1/ Based on minimum required field VMA as stated in the mix design volumetric requirements herein.
2/ Upper limit is waived for HMA binder mixtures that are not open to traffic prior to placement of the HMA surface mixture.
3/ Does not apply to SMA."

Replace the Density Control Limits table in Article 1030.09(c) of the Standard Specifications with the following:

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"DENSITY CONTROL LIMITS			
Mixture Composition	Design ESALs (millions) 20 Year Design	Individual Test (includes confined edges)	Unconfined Edge Joint Density, minimum
IL-4.75	All	93.0 – 98.5 %	91.0 %
IL-9.5FG	50 – 90	93.0 – 98.5 %	91.0 %
IL-9.5, IL-9.5L	All	92.5 – 98.5 %	91.0 %
IL-19.0, IL-19.0L	All	93.0[1/] – 98.5 %	91.0 %
SMA-9.5, SMA-12.5	All	93.5 – 98.5 %	91.0 %

1/ 92.0 percent when placed as first lift on an unimproved subgrade."

Replace the Acceptable Limits table in Article 1030.09(i)(1) of the Standard Specifications with the following:

"(1) Acceptance by the Engineer. To be considered acceptable, all the Department's test results shall be within the acceptable limits listed below.

Acceptable Limits		
Parameter		Acceptable Range
Air Voids		2.0 – 6.0 %
Field VMA		-1.0 – +3.0 % [1/]
Density	IL-19.0, IL-9.5, IL-9.5FG, IL-4.75	90.0 – 98.5% [2/]
	SMA-12.5, SMA-9.5	92.0 – 98.5% [2/]
Dust / AB Ratio		0.4 – 1.6 [3/]

1/ Based on minimum required field VMA as stated in the mix design volumetric requirements herein.
2/ Upper limit is waived for HMA binder mixtures that are not open to traffic prior to placement of the HMA surface mixture.
3/ Does not apply to SMA."

Replace Table 1 of the document "Hot-Mix Asphalt PFP Pay Adjustments" with the following.

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"Table 1

Pay Parameters, Parameter Weights "f" and Quality Levels				
Pay Parameter		Parameter Weight *"f"*	*UL*	*LL*
Air Voids		0.3	Design Voids + 1.35	Design Voids – 1.35
Field VMA		0.3	MDR /1 + 3.0	MDR /1 – 0.7
In-Place Density	IL-4.75	0.4	None	92.5
	IL-9.5, IL-9.5FG		None	91.5
	IL-19.0		None	92.2
	SMA		None	93.0

1. MDR = Minimum Design Requirement (VMA)"

Replace Table 1 of the document "Hot-Mix Asphalt QCP Pay Adjustments" with the following.

"Table 1

Pay Parameter		Pay Factor			
		105%	100%	95%	90%
Air Voids 1/2/3/		± 0.5%	± 1.2%	± 1.6%	± 2.0%
Field VMA 1/2/		0% to +1.0% above minimum specified	-0.5% to +2.0%	-0.7% to +2.5%	-1.0% to +3.0%
In-Place Density 4/	SMA	94.0% to 98.5%	93.5% to 93.9%	92.5% to 93.4%	92.0% to 92.4%
	HMA	93.5% to 98.5%	92.5% to 93.4%	91.5% to 92.4%	90.0% to 91.4%

1/ Mixture targets specified in herein.
2/ If mixture testing is waived for small tonnage, the Contractor will receive 100% for Air Voids and Field VMA pay factors in Equation 1.
3/ Ranges based on deviation from specified design percent Air Voids.
4/ A density test where the core thickness is less than 0.75 inch will not be used in the Density pay factor calculation."

Revised 6-4-2025