



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

April 15, 2013

SUBJECT: FAP Route 344 (IL 83)
Section 540R-RS-3
Du Page County
Contract No. 60V54
Item No. 118, April 26, 2013 Letting
Addendum A

NOTICE TO PROSPECTIVE BIDDERS:

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

1. Replaced the Schedule of Prices.
2. Revised page ii of the Table of Contents to the Special Provisions.
3. Revised page 3 of the Special Provisions.
4. Added pages 185-188 to the Special Provisions.
5. Revised sheets 1, 2, 3, 5, 13 & 18 of the Plans.
6. Added sheet 23B to the Plans.

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,

John D. Baranzelli, P. E.
Acting Engineer of Design and Environment

A handwritten signature in black ink, appearing to read 'Ted B. Walschleger' followed by a small 'P.E.'.

By: Ted B. Walschleger, P. E.
Engineer of Project Management

cc: John Fortmann, Region 1, District 1; Mike Renner; Estimates

MS/ks

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

60V54

State Job # - C-91-003-13

Project Number
 *REVISED: APRIL 11, 2013

Route
 FAP 344

County Name - DUPAGE - -

Code - 43 - -

District - 1 - -

Section Number - 540R-RS-3

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
A2005516	T-NYSSA SYLVAT 2	EACH	44.000				
B2004116	T-MALUS PF TF 2	EACH	44.000				
B2005136	T-MALUS SS 2	EACH	44.000				
B2006116	T-SYRG PEK M TF 2	EACH	44.000				
K0029634	WEED CONTR PRE-EM GRN	POUND	262.000				
X0326017	CONC MEDIAN SURF 5 SP	SQ FT	11,202.000				
X2020110	GRADING & SHAP SHLDRS	UNIT	234.000				
*ADD X4060120	FR & LIDS ADJUST SPL	EACH	172,092.000				
X4401198	HMA SURF REM VAR DP	SQ YD	4,531.000				
X4402020	CONC MEDIAN SURF REM	SQ FT	119,569.000				
X5537800	SS CLEANED 12	FOOT	500.000				
X6030310	FR & LIDS ADJUST SPL	EACH	94.000				
Z0004562	COMB C C&G REM & REPL	FOOT	5,489.000				
Z0018500	DRAINAGE STR CLEANED	EACH	135.000				
Z0030850	TEMP INFO SIGNING	SQ FT	52.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
Z0034105	MATL TRANSFER DEVICE	TON	19,150.000				
Z0076604	TRAINEES TPG	HOUR	1,500.000		10.000		15,000.000
20101300	TREE PRUN 1-10	EACH	20.000				
20101350	TREE PRUN OVER 10	EACH	20.000				
20201200	REM & DISP UNS MATL	CU YD	4,014.000				
21101600	TOPSOIL F & P VAR DP	SQ YD	12,041.000				
25000210	SEEDING CL 2A	ACRE	2.490				
25000400	NITROGEN FERT NUTR	POUND	224.000				
25000500	PHOSPHORUS FERT NUTR	POUND	224.000				
25000600	POTASSIUM FERT NUTR	POUND	224.000				
25100630	EROSION CONTR BLANKET	SQ YD	12,041.000				
*ADD 28000305	TEMP DITCH CHECKS	FOOT	30.000				
*DEL 28000500	INLET & PIPE PROTECT	EACH	9.000				
*ADD 28000510	INLET FILTERS	EACH	78.000				
*DEL 40600200	BIT-MATLS PR CT	TON	206.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
*DEL 40600300	AGG PR CT	TON	1,026.000				
40600400	MIX CR JTS FLANGEWYS	TON	385.000				
40600825	P LEV BIND MM N50	TON	13,879.000				
40600895	CONSTRUC TEST STRIP	EACH	3.000				
40600982	HMA SURF REM BUTT JT	SQ YD	568.000				
40601005	HMA REPL OVER PATCH	TON	1,269.000				
40603153	P HMA SC SMA N80	TON	19,150.000				
40603340	HMA SC "D" N70	TON	10,155.000				
42001300	PROTECTIVE COAT	SQ YD	2,700.000				
44000159	HMA SURF REM 2 1/2	SQ YD	256,259.000				
44002210	HMA RM OV PATCH 2 1/2	SQ YD	9,058.000				
44201765	CL D PATCH T2 10	SQ YD	6,694.000				
44201769	CL D PATCH T3 10	SQ YD	328.000				
44201771	CL D PATCH T4 10	SQ YD	854.000				
48102100	AGG WEDGE SHLD TYPE B	TON	936.000				

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Section Number - 540R-RS-3

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
60251200	CB ADJ NEW T8G	EACH	9.000				
60252800	CB RECONST	EACH	4.000				
60300305	FR & LIDS ADJUST	EACH	142.000				
67000400	ENGR FIELD OFFICE A	CAL MO	6.000				
67100100	MOBILIZATION	L SUM	1.000				
70102630	TR CONT & PROT 701601	L SUM	1.000				
70102635	TR CONT & PROT 701701	L SUM	1.000				
70102640	TR CONT & PROT 701801	L SUM	1.000				
70300100	SHORT TERM PAVT MKING	FOOT	28,102.000				
70300210	TEMP PVT MK LTR & SYM	SQ FT	728.000				
70300220	TEMP PVT MK LINE 4	FOOT	70,099.000				
70300240	TEMP PVT MK LINE 6	FOOT	2,112.000				
70300250	TEMP PVT MK LINE 8	FOOT	27,683.000				
70300260	TEMP PVT MK LINE 12	FOOT	11,300.000				
70300280	TEMP PVT MK LINE 24	FOOT	476.000				

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Section Number - 540R-RS-3

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
*ADD 72400330	REMOV SIGN PANEL T3	FOOT	250.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	3,120.000				
78000100	THPL PVT MK LTR & SYM	SQ FT	728.000				
78000200	THPL PVT MK LINE 4	FOOT	70,099.000				
78000400	THPL PVT MK LINE 6	FOOT	2,112.000				
78000500	THPL PVT MK LINE 8	FOOT	27,683.000				
78000600	THPL PVT MK LINE 12	FOOT	11,300.000				
78000650	THPL PVT MK LINE 24	FOOT	476.000				
78100100	RAISED REFL PAVT MKR	EACH	1,415.000				
78200530	BAR WALL MKR TYPE C	EACH	224.000				
78300200	RAISED REF PVT MK REM	EACH	1,415.000				
*ADD 84200600	REM LT U NO SALV	EACH	2.000				
88600600	DET LOOP REPL	FOOT	1,810.000				

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SIGN PANEL (SPECIAL)

This work shall be performed in accordance with Section 720 of the Standard Specifications and as shown in the plans, except as modified herein.

The stationing is provided for reference purposes only. All sign locations shall be replaced at the existing locations and as directed by the Engineer.

All proposed sign panels shall be mounted on existing supports, except where specified in the plans or as determined by the Engineer. Any new sign panel mounting hardware required shall be considered as included in the contract unit price per square foot for SIGN PANEL, of the type (SPECIAL) as specified in the plans.

The Contractor shall field verify all the sign messages and configurations in the field prior to ordering signs, and shall be aware of specific locations where temporary sign configurations are in place. For these locations, the final sign configuration shall also be verified by the Contractor. All modifications from the proposed sign messages and configurations as shown in the plans shall be approved by the Engineer prior to ordering signs.

All locations where existing sign dimensions do not coincide with proposed dimensions or are otherwise unavailable, the Engineer shall review and approve these specific proposed sign panels and dimensions before any work is started on these locations.

The proposed sign panels shall not be equipped with luminaires; nighttime illumination will be provided by vehicles headlights.

“720.06 Basis of Payment. This work will be paid for at the contract unit price per square foot for SIGN PANEL, of the type specified, (SPECIAL).”

HOT-MIX ASPHALT – PRIME COAT (BMPR)

Effective: February 19, 2013

Revise Note 1 of Article 406.02 of the Standard Specifications to read:

“Note 1. The bituminous material used for prime coat shall be one of the types listed in the following table. When more than one type is shown for a particular application, the Engineer reserves the right to specify the type which shall be used.

When emulsified asphalts are used, any dilution with water shall be performed by the emulsion producer. The emulsified asphalt shall be thoroughly agitated within 24 hours of application and show no separation of water and emulsion.

Application	Bituminous Material Types
Prime Coat on Brick, Concrete, or HMA Bases	SS-1, SS-1h, SS-1hP, SS-1vh, CSS-1, CSS-1h, CSS-1hP, HFE-90, RC-70
Prime Coat on Aggregate Bases	MC-30, PEP”

Added 4-15-2013

Revise Article 406.05(b) of the Standard Specifications to read:

“(b) Prime Coat. The bituminous material shall be prepared according to Article 403.05 and applied according to Article 403.10. The use of RC-70 shall be limited to air temperatures less than 60 °F (15 °C).”

“(1) Brick, Concrete or HMA Bases. The base shall be cleaned of all dust, debris and any substance that will prevent the prime coat from adhering to the base. Cleaning shall be accomplished by sweeping and vacuuming or sweeping and air blasting methods, as approved by the Engineer. The base shall be free of standing water at the time of application. The prime coat shall be applied uniformly and at a rate that will provide a residual asphalt rate on the prepared surface as specified in the following table.

Type of Surface to be Primed	Residual Asphalt Rate lb/sq ft (kg/sq m)
Milled HMA, Aged Non-Milled HMA, Milled Concrete, Non-Milled Concrete & Tined Concrete	0.05
Fog Coat between HMA Lifts, IL-4.75 & Brick	0.025

The bituminous material for the prime coat shall be placed one lane at a time. The primed lane shall remain closed until the prime coat is fully cured and does not pickup under traffic. When placing prime coat through an intersection where it is not possible to keep the lane closed, the prime coat may be covered immediately following its application with fine aggregate mechanically spread at a uniform rate of 2 to 4 lb/sq yd (1 to 2 kg/sq m).

(2) Aggregate Bases. The prime coat shall be applied uniformly and at a rate that will provide a residual asphalt rate on the prepared surface of 0.25 lb/sq ft ± 0.01 (1.21 kg/sq m ± 0.05).

The prime coat shall be permitted to cure until the penetration has been approved by the Engineer, but at no time shall the curing period be less than 24 hours for MC-30 or four hours for PEP. Pools of prime occurring in the depressions shall be broomed or squeegeed over the surrounding surface the same day the prime coat is applied.

The base shall be primed 1/2 width at a time. The prime coat on the second half/width shall not be applied until the prime coat on the first half/width has cured so that it will not pick up under traffic.

The asphalt binder rate will be verified a minimum of once per type of surface to be primed as specified herein for which at least 2000 tons of HMA will be placed. The test will be according to the “Determination of Residual Asphalt in Prime and Tack Coat Materials” test procedure.

Prime coat shall be fully cured prior to placement of HMA to prevent pickup by haul trucks or paving equipment. If pickup occurs, paving shall cease in order to provide additional cure time.

Added 4-15-2013

Prime coat shall be placed no more than five days in advance of the placement of HMA. If after five days loss of prime coat is evident prior to covering with HMA, additional prime coat shall be placed as determined by the Engineer at no additional cost to the Department.”

Revise the second paragraph of Article 406.13(b) of the Standard Specifications to read:

“Aggregate for covering prime coat will not be measured for payment.”

Revise the first paragraph of Article 406.14 of the Standard Specifications to read:

“Prime Coat will be paid for at the contract unit price per pound (kilogram) of residual asphalt applied for BITUMINOUS MATERIALS (PRIME COAT), POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) or NON-TRACKING BITUMINOUS MATERIALS (PRIME COAT).”

Revise Article 1032.02 of the Standard Specifications to read:

“1032.02 Measurement. Asphalt binders, emulsified asphalts, rapid curing liquid asphalt, medium curing liquid asphalts, slow curing liquid asphalts, asphalt fillers, and road oils will be measured by weight.

A weight ticket for each truck load shall be furnished to the inspector. The truck shall be weighed at a location approved by the Engineer. The ticket shall show the weight of the empty truck (the truck being weighed each time before it is loaded), the weight of the loaded truck, and the net weight of the bituminous material.

When emulsion is used, the proportions of emulsion and any water added to the emulsion shall be shown on the Bill of Lading.

Payment will not be made for bituminous materials in excess of 105 percent of the amount specified by the Engineer.”

Add the following to the table in article 1032.04 of the Standard Specifications:

“SS-1vh	160 - 180	70 – 80”
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Add the following to Article 1032.06 of the Standard Specifications:

“(g) Non Tracking Emulsified Asphalt SS-1vh:

Requirements for SS-1vh			
Test		SPEC	AASHTO Test Method
Saybolt Viscosity @ 25C,	SFS	20-200	T 72
Storage Stability, 24hr.,	%	1 max.	T 59
Residue by Evaporation,	%	50 min.	T 59
Sieve Test,	%	0.3 max.	T 59
Tests on Residue from Evaporation			
Penetration @25°C, 100g., 5 sec.,	dmm	20 max.	T 49
Softening Point,	°C	65 min.	T 53
Solubility,	%	97.5 min.	T 44
Orig. DSR @ 82°C,	kPa	1.00 min.	T 315”

Added 4-15-2013

Revise the last table of Article 1032.06 to read:

"Grade	Use
SS-1, SS-1h, CSS-1, CSS-1h, HFE-90, SS-1hP, CSS-1hP, SS-1vh	Prime or fog seal
PEP	Bituminous surface treatment prime
RS-2, HFE-90, HFE-150, HFE- 300, CRSP, HFP, CRS-2, HFRS-2	Bituminous surface treatment
CSS-1h Latex Modified	Microsurfacing"

Added 4-15-2013