



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

April 18, 2014

SUBJECT: FAP Route 331 (IL 13)
Project ACNHPP-0331(068)
Section (103)R-2, N-4, TS-4, HBK-1
Williamson County
Contract No. 78221
Item No. 078, April 25, 2014 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. Revised Schedule of Prices
2. Revised plans sheets No. (5, 8, 21, 43, 44, 45, 46, 63, 64 & 669)
3. Revised the Table of Contents of the Special Provisions
4. Revised pages 88-106 & 116-117 of the Special Provisions
5. Added page 189 to 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,

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

A handwritten signature in cursive script, reading "Ted B. Walschleger P.E." with a small "P.E." to the right.

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

cc: Jeffrey L. Keirn, Region 5, District 9; Tim Kell; D. Carl Puzey; Estimates

HM/kf

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER - 78221

State Job # - C-99-080-10

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Section Number - (1-3)R-2,N-4,TS-4,HBK-1

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A2C025G3	T-CERCIS CANAD CG 3G	EACH	32.000				
C2C01936	S-CORNUS SERI BAI 3'C	EACH	21.000				
D2C02736	E-PINUS NIGRA 3'C	EACH	16.000				
X0323444	DECORATIVE STL RAIL	FOOT	211.000				
X0327731	P M BRIDGE LIGHT SYST	L SUM	1.000				
X0327732	PRC ORN CENTER PILAST	EACH	2.000				
X0327733	PRC ORN CORNER PILAST	EACH	4.000				
*ADD X0350805	FOLD DOWN BOLLARDS	EACH	13.000				
X2020502	BRACED EXCAVATION	CU YD	188.000				
X2503100	MOWING	UNIT	433.000				
X3112900	SUB GRAN MAT SPL	CU YD	250.000				
*ADD X4060110	BIT MATLS PR CT	POUND	27,583.000				
*ADD X4060115	P BIT MATLS PR CT	POUND	35,819.000				
X4200400	PCC PVT 8 SPL W IC	SQ YD	9,050.000				
X4402805	ISLAND REMOVAL	SQ FT	259.000				

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X5030290	STAIN CONC STRUCTURES	SQ FT	5,751.000				
X5860110	GRANULAR BACKFILL STR	CU YD	335.000				
X6024240	INLETS SPL	EACH	71.000				
X7010216	TRAF CONT & PROT SPL	L SUM	1.000				
X7011830	TRAF CONT-PROT BLR 21	EACH	14.000				
X7011832	TRAF CONT-PROT BLR 22	EACH	1.000				
X7830070	GRV RCSD PVT MRKG 5	FOOT	5,883.000				
X8110522	CON AT ST 2 SS	FOOT	30.000				
Z0004002	BOLLARDS	EACH	34.000				
Z0007602	BLDG REMOV NO 2	L SUM	1.000				
Z0007603	BLDG REMOV NO 3	L SUM	1.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0022800	FENCE REMOVAL	FOOT	4,764.000				
Z0034105	MATL TRANSFER DEVICE	TON	18,713.000				
Z0040530	PIPE UNDERDRAIN REMOV	FOOT	10,997.000				

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Z0041500	PLUG EX CULVERTS	EACH	1.000				
Z0046304	P UNDR FOR STRUCT 4	FOOT	234.000				
Z0049903	R&D NON-FR ASB BLD 3	L SUM	1.000				
Z0054500	ROCK FILL	TON	200.000				
Z0062456	TEMP PAVEMENT	SQ YD	1,010.000				
Z0065100	SETTLEMENT PLATFORMS	EACH	4.000				
Z0075496	CONC RETAIN WALL REM	FOOT	55.000				
Z0076600	TRAINEES	HOUR	2,500.000		0.800		2,000.000
Z0076604	TRAINEES TPG	HOUR	2,500.000		15.000		37,500.000
20100110	TREE REMOV 6-15	UNIT	5,662.000				
20100210	TREE REMOV OVER 15	UNIT	3,804.000				
20100500	TREE REMOV ACRES	ACRE	0.200				
20200100	EARTH EXCAVATION	CU YD	186,762.000				
20201200	REM & DISP UNS MATL	CU YD	465.000				
20400100	BORROW EXCAVATION	CU YD	377,128.000				

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20800150	TRENCH BACKFILL	CU YD	4,379.000				
20900110	POROUS GRAN BACKFILL	CU YD	4,608.000				
21001000	GEOTECH FAB F/GR STAB	SQ YD	2,102.000				
21400100	GRADING & SHAP DITCH	FOOT	50.000				
25000110	SEEDING CL 1A	ACRE	1.750				
25000200	SEEDING CL 2	ACRE	66.820				
25000350	SEEDING CL 7	ACRE	67.470				
25000400	NITROGEN FERT NUTR	POUND	12,240.000				
25000500	PHOSPHORUS FERT NUTR	POUND	12,236.000				
25000600	POTASSIUM FERT NUTR	POUND	12,236.000				
25000700	AGR GROUND LIMESTONE	TON	137.120				
25100115	MULCH METHOD 2	ACRE	136.020				
25100630	EROSION CONTR BLANKET	SQ YD	195,078.000				
28000250	TEMP EROS CONTR SEED	POUND	9,755.000				
28000305	TEMP DITCH CHECKS	FOOT	11,335.000				

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28000400	PERIMETER EROS BAR	FOOT	12,763.000				
28000500	INLET & PIPE PROTECT	EACH	191.000				
28100807	STONE DUMP RIP CL A4	TON	3,711.000				
28200200	FILTER FABRIC	SQ YD	10.000				
28300400	AGGREGATE DITCH	TON	7.000				
30200650	PROCESS MOD SOIL 12	SQ YD	110,662.000				
30201500	LIME	TON	2,814.000				
31100300	SUB GRAN MAT A 4	SQ YD	10,121.000				
*REV 31100700	SUB GRAN MAT A 8	SQ YD	83,045.000				
31100910	SUB GRAN MAT A 12	SQ YD	7,962.000				
31102000	SUB GRAN MAT C	CU YD	895.000				
35100700	AGG BASE CSE A 8	SQ YD	54,897.000				
40200500	AGG SURF CSE A 6	SQ YD	2,063.000				
40200800	AGG SURF CSE B	TON	200.000				
40201000	AGGREGATE-TEMP ACCESS	TON	5,000.000				

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*DEL 40600100	BIT MATLS PR CT	GALLON	45,594.000				
*DEL 40600115	P-BIT MATLS PR CT	GALLON	7,000.000				
40600300	AGG PR CT	TON	405.000				
40603090	HMA BC IL-19.0 N90	TON	7,222.000				
40603320	HMA SC "C" N90	TON	4,313.000				
40603345	HMA SC "D" N90	TON	1,002.000				
40603570	P HMA SC "E" N90	TON	8,707.000				
40701896	HMA PAVT FD 10 3/4	SQ YD	33,815.000				
40701986	HMA PAVT FD 15 1/4	SQ YD	42,041.000				
40800050	INCIDENTAL HMA SURF	TON	67.000				
42001300	PROTECTIVE COAT	SQ YD	4,878.000				
42300200	PCC DRIVEWAY PAVT 6	SQ YD	705.000				
42300300	PCC DRIVEWAY PAVT 7	SQ YD	615.000				
42400100	PC CONC SIDEWALK 4	SQ FT	3,880.500				
42400300	PC CONC SIDEWALK 6	SQ FT	87,029.000				

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42400800	DETECTABLE WARNINGS	SQ FT	628.000				
44000100	PAVEMENT REM	SQ YD	40,433.000				
44000157	HMA SURF REM 2	SQ YD	77,773.000				
44000200	DRIVE PAVEMENT REM	SQ YD	776.000				
44000400	GUTTER REM	FOOT	60.000				
44000500	COMB CURB GUTTER REM	FOOT	171.000				
44000600	SIDEWALK REM	SQ FT	3,000.000				
44004000	PAVED DITCH REMOVAL	FOOT	810.000				
44004250	PAVED SHLD REMOVAL	SQ YD	52,467.000				
44200620	CL A PATCH T2 14	SQ YD	228.000				
44201015	CL B PATCH T1 14	SQ YD	8.000				
44201019	CL B PATCH T2 14	SQ YD	48.000				
44201299	DOWEL BARS 1 1/2	EACH	140.000				
44213000	PATCH REINFORCEMENT	SQ YD	228.000				
44213200	SAW CUTS	FOOT	2,240.000				

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48100700	AGGREGATE SHLDS A 8	SQ YD	16,376.000				
48101200	AGGREGATE SHLDS B	TON	135.000				
48203013	HMA SHOULDERS 4	SQ YD	1,470.000				
48203029	HMA SHOULDERS 8	SQ YD	11,626.000				
48203058	HMA SHOULDERS 15 1/4	SQ YD	37,654.000				
50104400	CONC HDWL REM	EACH	52.000				
50105220	PIPE CULVERT REMOV	FOOT	1,270.000				
50200100	STRUCTURE EXCAVATION	CU YD	335.000				
50300225	CONC STRUCT	CU YD	342.700				
50300255	CONC SUP-STR	CU YD	860.100				
50300260	BR DECK GROOVING	SQ YD	1,826.000				
50300300	PROTECTIVE COAT	SQ YD	2,695.000				
50500105	F & E STRUCT STEEL	L SUM	1.000				
50500505	STUD SHEAR CONNECTORS	EACH	6,090.000				
50800205	REINF BARS, EPOXY CTD	POUND	292,080.000				

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50800530	MECHANICAL SPLICERS	EACH	40.000				
50901750	PARAPET RAILING	FOOT	423.000				
51100100	SLOPE WALL 4	SQ YD	797.000				
51201900	FUR STL PILE HP14X89	FOOT	1,744.000				
51202305	DRIVING PILES	FOOT	1,744.000				
51203900	TEST PILE ST HP14X89	EACH	1.000				
51500100	NAME PLATES	EACH	1.000				
52100520	ANCHOR BOLTS 1	EACH	40.000				
52100530	ANCHOR BOLTS 1 1/4	EACH	20.000				
54001001	BOX CUL END SEC C1	EACH	1.000				
54001002	BOX CUL END SEC C2	EACH	1.000				
54010404	PCBC 4X4	FOOT	27.000				
542A0220	P CUL CL A 1 15	FOOT	27.000				
542A0223	P CUL CL A 1 18	FOOT	9.000				
542A0226	P CUL CL A 1 21	FOOT	65.000				

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542A0229	P CUL CL A 1 24	FOOT	803.000				
542A0235	P CUL CL A 1 30	FOOT	146.000				
542A0241	P CUL CL A 1 36	FOOT	156.000				
542A0247	P CUL CL A 1 42	FOOT	76.000				
542A1060	P CUL CL A 2 15	FOOT	67.000				
542A1075	P CUL CL A 2 30	FOOT	251.000				
542A1081	P CUL CL A 2 36	FOOT	189.000				
542A1087	P CUL CL A 2 42	FOOT	137.000				
542A1909	P CUL CL A 3 24	FOOT	180.000				
542A2779	P CUL CL A 4 54	FOOT	169.000				
542A3391	P CUL CL A 5 36	FOOT	96.000				
542A3397	P CUL CL A 5 42	FOOT	198.000				
542A4021	P CUL CL A 6 36	FOOT	260.000				
542A4039	P CUL CL A 6 54	FOOT	315.000				
542A5473	P CUL CL A 1 EQRS 18	FOOT	116.000				

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542A5479	P CUL CL A 1 EQRS 24	FOOT	147.000				
542A5485	P CUL CL A 1 EQRS 30	FOOT	61.000				
542D0217	P CUL CL D 1 12	FOOT	110.000				
542D0220	P CUL CL D 1 15	FOOT	669.000				
542D0223	P CUL CL D 1 18	FOOT	179.000				
542D0229	P CUL CL D 1 24	FOOT	84.000				
54213447	END SECTIONS 12	EACH	10.000				
54213450	END SECTIONS 15	EACH	16.000				
54213453	END SECTIONS 18	EACH	8.000				
54213459	END SECTIONS 24	EACH	4.000				
54213657	PRC FLAR END SEC 12	EACH	7.000				
54213660	PRC FLAR END SEC 15	EACH	6.000				
54213663	PRC FLAR END SEC 18	EACH	4.000				
54213666	PRC FLAR END SEC 21	EACH	2.000				
54213669	PRC FLAR END SEC 24	EACH	32.000				

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54213675	PRC FLAR END SEC 30	EACH	17.000				
54213681	PRC FLAR END SEC 36	EACH	12.000				
54213687	PRC FLAR END SEC 42	EACH	6.000				
54213699	PRC FLAR END SEC 54	EACH	4.000				
54214503	PRC FL END S EQ RS 18	EACH	4.000				
54214509	PRC FL END S EQ RS 24	EACH	3.000				
54214515	PRC FL END S EQ RS 30	EACH	2.000				
54248510	CONCRETE COLLAR	CU YD	10.000				
550A0050	STORM SEW CL A 1 12	FOOT	476.000				
550A0070	STORM SEW CL A 1 15	FOOT	15.000				
550A0090	STORM SEW CL A 1 18	FOOT	133.000				
550A0120	STORM SEW CL A 1 24	FOOT	24.000				
550A0140	STORM SEW CL A 1 30	FOOT	60.000				
550A0340	STORM SEW CL A 2 12	FOOT	2,125.000				
550A0360	STORM SEW CL A 2 15	FOOT	1,917.000				

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550A0380	STORM SEW CL A 2 18	FOOT	629.000				
550A0410	STORM SEW CL A 2 24	FOOT	400.000				
550A0430	STORM SEW CL A 2 30	FOOT	572.000				
550A0450	STORM SEW CL A 2 36	FOOT	434.000				
550A0470	STORM SEW CL A 2 42	FOOT	84.000				
550A0490	STORM SEW CL A 2 54	FOOT	355.000				
550A0520	STORM SEW CL A 2 72	FOOT	104.000				
550A5520	SS CL A 2 EQRS 54	FOOT	123.000				
55100500	STORM SEWER REM 12	FOOT	172.000				
55100900	STORM SEWER REM 18	FOOT	50.000				
55101200	STORM SEWER REM 24	FOOT	57.000				
55101400	STORM SEWER REM 30	FOOT	771.000				
55101600	STORM SEWER REM 36	FOOT	40.000				
55101800	STORM SEWER REM 42	FOOT	202.000				
59100100	GEOCOMPOSITE WALL DR	SQ YD	187.000				

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60100060	CONC HDWL FOR P DRAIN	EACH	24.000				
60100945	PIPE DRAINS 12	FOOT	200.000				
60107600	PIPE UNDERDRAINS 4	FOOT	24,303.000				
60108100	PIPE UNDERDRAIN 4 SP	FOOT	564.000				
60218400	MAN TA 4 DIA T1F CL	EACH	6.000				
60219000	MAN TA 4 DIA T8G	EACH	1.000				
60221100	MAN TA 5 DIA T1F CL	EACH	1.000				
60223800	MAN TA 6 DIA T1F CL	EACH	1.000				
60224446	MAN TA 7 DIA T1F CL	EACH	1.000				
60224459	MAN TA 8 DIA T1F CL	EACH	1.000				
60224469	MAN TA 9 DIA T1F CL	EACH	3.000				
60236200	INLETS TA T8G	EACH	13.000				
60240215	INLETS TB T1F CL	EACH	1.000				
60240310	INLETS TB T11F&G	EACH	7.000				
60250500	CB ADJ NEW T1F CL	EACH	4.000				

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60253100	CB RECON NEW T1F CL	EACH	3.000				
60255500	MAN ADJUST	EACH	10.000				
60265700	VV ADJUST	EACH	9.000				
60500060	REMOV INLETS	EACH	19.000				
60600095	CLASS SI CONC OUTLET	CU YD	28.800				
60602500	CONC GUTTER TA	FOOT	1,264.000				
60602800	CONC GUTTER TB	FOOT	56.500				
60603800	COMB CC&G TB6.12	FOOT	410.100				
60605000	COMB CC&G TB6.24	FOOT	9,794.100				
60608600	COMB CC&G TM6.06	FOOT	181.400				
60610400	COMB CC&G TM6.24	FOOT	515.000				
60618300	CONC MEDIAN SURF 4	SQ FT	10,693.500				
60619200	CONC MED TSB6.06	SQ FT	1,818.000				
60620000	CONC MED TSB6.24	SQ FT	4,404.000				
60900515	CONC THRUST BLOCKS	EACH	2.000				

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61000115	TY E INLET BOX 610001	EACH	2.000				
63000001	SPBGR TY A 6FT POSTS	FOOT	1,225.000				
63100045	TRAF BAR TERM T2	EACH	4.000				
63100085	TRAF BAR TERM T6	EACH	2.000				
63100167	TR BAR TRM T1 SPL TAN	EACH	6.000				
66101150	HMA SHLD CURB	FOOT	51.000				
66600105	FUR ERECT ROW MARKERS	EACH	323.000				
66700305	PERM SURV MKRS T2	EACH	7.000				
66900200	NON SPL WASTE DISPOSL	CU YD	7,600.000				
66900450	SPL WASTE PLNS/REPORT	L SUM	1.000				
66900530	SOIL DISPOSAL ANALY	EACH	5.000				
67000400	ENGR FIELD OFFICE A	CAL MO	42.000				
67100100	MOBILIZATION	L SUM	1.000				
70100320	TRAF CONT-PROT 701422	L SUM	1.000				
70102620	TR CONT & PROT 701501	L SUM	1.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER - 78221

State Job # - C-99-080-10

County Name - WILLIAMSON - -

Code - 199 - -

District - 9 - -

Section Number - (1-3)R-2,N-4,TS-4,HBK-1

Project Number
 ACNHPP-0331/068/
 *REVISED: APRIL 16, 2014

Route
 FAP 331

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
70102622	TR CONT & PROT 701502	L SUM	1.000				
70102635	TR CONT & PROT 701701	L SUM	1.000				
70106800	CHANGEABLE MESSAGE SN	CAL MO	64.000				
70200100	NIGHT WORK ZONE LIGHT	L SUM	1.000				
70300100	SHORT TERM PAVT MKING	FOOT	9,498.000				
70300210	TEMP PVT MK LTR & SYM	SQ FT	1,587.000				
70300220	TEMP PVT MK LINE 4	FOOT	94,851.000				
70300260	TEMP PVT MK LINE 12	FOOT	2,668.000				
70300280	TEMP PVT MK LINE 24	FOOT	628.000				
70300520	PAVT MARK TAPE T3 4	FOOT	206,252.000				
70300570	PAVT MARK TAPE T3 24	FOOT	80.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	40,592.000				
72000100	SIGN PANEL T1	SQ FT	657.000				
72000200	SIGN PANEL T2	SQ FT	36.000				
72000300	SIGN PANEL T3	SQ FT	590.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
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Section Number - (1-3)R-2,N-4,TS-4,HBK-1

Project Number
 ACNHPP-0331/068/
 *REVISED: APRIL 16, 2014

Route
 FAP 331

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
72400100	REMOV SIN PAN ASSY TA	EACH	24.000				
72400200	REMOV SIN PAN ASSY TB	EACH	1.000				
72400310	REMOV SIGN PANEL T1	SQ FT	33.600				
72400320	REMOV SIGN PANEL T2	SQ FT	12.000				
72400710	RELOC SIGN PANEL T1	SQ FT	6.250				
72800100	TELES STL SIN SUPPORT	FOOT	145.000				
72900100	METAL POST TY A	FOOT	754.000				
72900200	METAL POST TY B	FOOT	911.000				
73000100	WOOD SIN SUPPORT	FOOT	760.000				
73100100	BASE TEL STL SIN SUPP	EACH	10.000				
78000100	THPL PVT MK LTR & SYM	SQ FT	1,389.000				
78000200	THPL PVT MK LINE 4	FOOT	87,001.000				
78000600	THPL PVT MK LINE 12	FOOT	2,668.000				
78000650	THPL PVT MK LINE 24	FOOT	598.000				
78003100	PREF PL PM TB LTR-SYM	SQ FT	909.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
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 CONTRACT
 NUMBER - 78221

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District - 9 - -

Section Number - (1-3)R-2,N-4,TS-4,HBK-1

Project Number
 ACNHPP-0331/068/
 *REVISED: APRIL 16, 2014

Route
 FAP 331

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
78003110	PREF PL PM TB LINE 4	FOOT	66,311.000				
78003140	PREF PL PM TB LINE 8	FOOT	6,428.000				
78003150	PREF PL PM TB LINE 12	FOOT	974.000				
78003180	PREF PL PM TB LINE 24	FOOT	120.000				
78004210	PREF PL PM TB INL L4	FOOT	5,885.000				
78100100	RAISED REFL PAVT MKR	EACH	810.000				
78200420	GUARDRAIL MKR TYPE B	EACH	16.000				
78201000	TERMINAL MARKER - DA	EACH	6.000				
78300100	PAVT MARKING REMOVAL	SQ FT	3,389.000				
78300200	RAISED REF PVT MK REM	EACH	759.000				
80400100	ELECT SERV INSTALL	EACH	1.000				
81028760	UNDRGRD C CNC 2 1/2	FOOT	205.000				
81028770	UNDRGRD C CNC 3	FOOT	250.000				
81200230	CON EMB STR 2 PVC	FOOT	250.000				
81300555	JUN BX SS AS 12X12X8	EACH	3.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
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Section Number - (1-3)R-2,N-4,TS-4,HBK-1

Project Number
 ACNHPP-0331/068/
 *REVISED: APRIL 16, 2014

Route
 FAP 331

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
81603030	UD 2#4 #6G XLP USE 1	FOOT	2,760.000				
81603040	UD 2#6 #8G XLP USE 1	FOOT	3,900.000				
81702120	EC C XLP USE 1C 8	FOOT	260.000				
81702130	EC C XLP USE 1C 6	FOOT	780.000				
81702140	EC C XLP USE 1C 4	FOOT	520.000				
82103900	LUM SV MM 250W	EACH	20.000				
82500330	LT CONT PEDM 240V 60	EACH	1.000				
83062730	LT P WS 45MH TEN MT	EACH	16.000				
83062735	LT P WS 45MH TN MT-TW	EACH	2.000				
83600355	LP F M 15BC 8" X 6'	EACH	16.000				
83600357	LP F M 15BC 8" X 8'	EACH	2.000				
83800650	BKWY DEV COU SS SCRN	EACH	56.000				
88600100	DET LOOP T1	FOOT	2,152.000				
89502385	REMOV EX CONC FDN	EACH	1.000				

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PROJECT LABOR AGREEMENT 169

TEMPORARY PAVEMENT

Description: This work shall consist of installing HMA pavement as shown in the plans. The work shall be done according to section 406 of the Standard Specifications. The pavement thickness shall be 8 inches.

Method of Measurement: The temporary pavement will be measured for payment in place and the quantity computed in square yards. The length will be measured along the centerline of the surface of each crossover. The width of measurement shall be the width of pavement as shown in the plans.

Basis of Payment: The work will be paid for at the contract unit price per square yard for TEMPORARY PAVEMENT.

Revised 4/18/14

BUILDING REMOVAL - CASE II (NON-FRIABLE ASBESTOS ABATEMENT) (BDE)

Effective: September 1, 1990

Revised: April 1, 2010

BUILDING REMOVAL: This work shall consist of the removal and disposal of 1 building(s), together with all foundations, retaining walls, and piers, down to a plane 1 ft (300 mm) below the ultimate or existing grade in the area and also all incidental and collateral work necessary to complete the removal of the building(s) in a manner approved by the Engineer. Any holes, such as basements, shall be filled with a suitable granular material. The building(s) are identified as follows:

<u>Bldg. No.</u>	<u>Parcel No.</u>	<u>Location</u>	<u>Description</u>
<u>3</u>	<u>9314A03</u>	<u>1415 COUNTRY AIRE DR</u>	<u>single story wood structure with a basement and an asphalt shingled roof.</u>

Discontinuance of Utilities: The Contractor shall arrange for the discontinuance of all utility services and the removal of the metering devices that serve the building(s) according to the respective requirements and regulations of the City, County, or utility companies involved. The Contractor shall disconnect and seal, in an approved manner, all service outlets that serve any building(s) he/she is to remove.

Revised 4/18/14

Signs: Immediately upon execution of the contract and prior to the wrecking of any structures, the Contractor shall be required to paint or stencil, in contrasting colors of an oil base paint, on all four sides of each residence and two opposite sides of other structures, the following sign:

PROPERTY ACQUIRED FOR
HIGHWAY CONSTRUCTION
TO BE DEMOLISHED BY THE

VANDALS WILL BE PROSECUTED

The signs shall be positioned in a prominent location on the structure so that they can be easily seen and read and at a sufficient height to prevent defacing. The Contractor shall not paint signs nor start demolition of any building(s) prior to the time that the State becomes the owner of the respective building(s).

The Contractor has the option of removing the non-friable asbestos prior to demolition or demolishing the building(s) with the non-friable asbestos in place. Refer to the Special Provisions titled "Asbestos Abatement (General Conditions)" and "Removal and Disposal of Non-Friable Asbestos Building No. 3" contained herein.

Basis of Payment: This work will be paid for at the contract lump sum unit price for BUILDING REMOVAL, numbers as listed above, which price shall be payment in full for complete removal of the buildings and structures, including any necessary backfilling material as specified herein. The lump sum unit price(s) for this work shall represent the cost of demolition and disposal assuming all non-friable asbestos is removed prior to demolition. Any salvage value shall be reflected in the contract unit price for this item.

EXPLANATION OF BIDDING TERMS: Two separate contract unit price items have been established for the removal of each building. They are:

1. BUILDING REMOVAL NO. 3
2. REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 3

The Contractor shall have two options available for the removal and disposal of the non-friable asbestos.

The pay item for removal and disposal of non-friable asbestos will not be deleted regardless of the option chosen by the Contractor.

ASBESTOS ABATEMENT (GENERAL CONDITIONS): This work consists of the removal and disposal of non-friable asbestos from the building(s) to be demolished. All work shall be done according to the requirements of the U.S. Environmental Protection Agency (USEPA), the Illinois Environmental Protection Agency (IEPA), the Occupational Safety and Health Administration (OSHA), the Special Provision for "Removal and Disposal of Non-Friable Asbestos, Building No. 3" and as outlined herein.

Revised 4/18/14

Sketches indicating the location of Asbestos Containing Material (ACM) are included in the proposal on pages _____ thru _____. Also refer to the Materials Description Table on page _____ for a brief description and location of the various materials. Also included is a Materials Quantities Table on page _____. This table states the ACM is non-friable and gives the approximate quantity. The quantities are given only for information and it shall be the Contractor's responsibility to determine the exact quantities prior to submitting his/her bid.

The work involved in the removal and disposal of non-friable asbestos if done prior to demolition, shall be performed by a Contractor or Sub-Contractor prequalified with the Illinois Capital Development Board.

The Contractor shall provide a shipping manifest, similar to the one shown on page _____, to the Engineer for the disposal of all ACM wastes.

Permits: The Contractor shall apply for permit(s) in compliance with applicable regulations of the Illinois Environmental Protection Agency. Any and all other permits required by other federal, state, or local agencies for carrying on the work shall be the responsibility of the Contractor. Copies of the permit(s) shall be sent to the district office and the Engineer.

Notifications: The "Demolition/Renovation Notice" form, which can be obtained from the IEPA office, shall be completed and submitted to the address listed below at least ten days prior to commencement of any asbestos removal or demolition activity. Separate notices shall be sent for the asbestos removal work and the building demolition if they are done as separate operations.

Asbestos Demolition/Renovation Coordinator
Illinois Environmental Protection Agency
Division of Air Pollution Control
P. O. Box 19276
Springfield, Illinois 62794-9276
(217) 785-1743

Notices shall be updated if there is a change in the starting date or the amount of asbestos changes by more than 20 percent.

Revised 4/18/14

Submittals:

- A. All submittals and notices shall be made to the Engineer except where otherwise specified herein.
- B. Submittals that shall be made prior to start of work:
 - 1. Submittals required under Asbestos Abatement Experience.
 - 2. Submit documentation indicating that all employees have had medical examinations and instruction on the hazards of asbestos exposure, on use and fitting of respirators, on protective dress, on use of showers, on entry and exit from work areas, and on all aspects of work procedures and protective measures as specified in Worker Protection Procedures.
 - 3. Submit manufacturer's certification stating that vacuums, ventilation equipment, and other equipment required to contain airborne fibers conform to ANSI 29.2.
 - 4. Submit to the Engineer the brand name, manufacturer, and specification of all sealants or surfactants to be used. Testing under existing conditions will be required at the direction of the Engineer.
 - 5. Submit proof that all required permits, site locations, and arrangements for transport and disposal of asbestos-containing or asbestos-contaminated materials, supplies, and the like have been obtained (i.e., a letter of authorization to utilize designated landfill).
 - 6. Submit a list of penalties, including liquidated damages, incurred through non-compliance with asbestos abatement project specifications.
 - 7. Submit a detailed plan of the procedures proposed for use in complying with the requirements of this specification. Include in the plan the location and layout of decontamination units, the sequencing of work, the respiratory protection plan to be used during this work, a site safety plan, a disposal plan including the location of an approved disposal site, and a detailed description of the methods to be used to control pollution. The plan shall be submitted to the Engineer prior to the start of work.
 - 8. Submit proof of written notification and compliance with the "Notifications" paragraph.

Revised 4/18/14

C. Submittals that shall be made upon completion of abatement work:

1. Submit copies of all waste chain-of-custodies, trip tickets, and disposal receipts for all asbestos waste materials removed from the work area;
2. Submit daily copies of work site entry logbooks with information on worker and visitor access;
3. Submit logs documenting filter changes on respirators, HEPA vacuums, negative pressure ventilation units, and other engineering controls; and
4. Submit results of any bulk material analysis and air sampling data collected during the course of the abatement including results of any on-site testing by any federal, state, or local agency.

Certificate of Insurance:

- A. The Contractor shall document general liability insurance for personal injury, occupational disease and sickness or death, and property damage.
- B. The Contractor shall document current Workmen's Compensation Insurance coverage.
- C. The Contractor shall supply insurance certificates as specified by the Department.

Asbestos Abatement Experience:

- A. Company Experience. Prior to starting work, the Contractor shall supply evidence that he/she has been prequalified with the Illinois Capital Development Board and that he/she has been included on the Illinois Department of Public Health's list of approved Contractors.
- B. Personnel Experience:
 1. For Superintendent, the Contractor shall supply:
 - a. Evidence of knowledge of applicable regulations in safety and environmental protection is required as well as training in asbestos abatement as evidenced by the successful completion of a training course in supervision of asbestos abatement as specified in 40 CFR 763, Subpart E, Appendix C, EPA Model Contractor Accreditation Plan. A copy of the certificate of successful completion shall be provided to the Engineer prior to the start of work.
 - b. Documentation of experience with abatement work in a supervisory position as evidenced through supervising at least two asbestos abatement projects; provide names, contact, phone number, and locations of two projects in which the individual(s) has worked in a supervisory capacity.

Revised 4/18/14

2. For workers involved in the removal of asbestos, the Contractor shall provide training as evidenced by the participation and successful completion of an accredited training course for asbestos abatement workers as specified in 40 CFR 763, Subpart E, Appendix C, EPA Model Contractor Accreditation Plan. A copy of the certificate of successful completion shall be provided to all employees who will be working on this project.

ABATEMENT AIR MONITORING: The Contractor shall comply with the following:

- A. Personal Monitoring. All personal monitoring shall be conducted per specifications listed in OSHA regulation, Title 29, Code of Federal Regulation 1926.58. All area sampling shall be conducted according to 40 CFR Part 763.90. All air monitoring equipment shall be calibrated and maintained in proper operating condition. Excursion limits shall be monitored daily. Personal monitoring is the responsibility of the Contractor. Additional personal samples may be required by the Engineer at any time during the project.
- B. Interior Non-Friable Asbestos-Containing Materials. The Contractor shall perform personal air monitoring during removal of all non-friable Transite and floor tile removal operations. The Engineer will also have the option to require additional personal samples and/or clearance samples during this type of work.
- C. Exterior Non-Friable Asbestos-Containing Materials. The Contractor shall perform personal air monitoring during removal of all non-friable cementitious panels, piping, roofing felts, and built up roofing materials that contain asbestos.

The Contractor shall conduct down wind area sampling to monitor airborne fiber levels at a frequency of no less than three per day.

- D. Air Monitoring Professional
 1. All air sampling shall be conducted by a qualified Air Sampling Professional supplied by the Contractor. The Air Sampling Professional shall submit documentation of successful completion of the National Institute for Occupational Safety and Health (NIOSH) course #582 - "Sampling and Evaluating Airborne Asbestos Dust".
 2. Air sampling shall be conducted according to NIOSH Method 7400. The results of these tests shall be provided to the Engineer within 24 hours of the collection of air samples.

Revised 4/18/14

REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 3: The Contractor has the option of removing and disposing of the non-friable asbestos prior to demolition of the building(s) or demolishing the building(s) with the non-friable asbestos in place.

Option #1 - If the Contractor chooses to remove all non-friable asbestos prior to demolition, the work shall be done according to the Special Provision titled "Asbestos Abatement (General Conditions)".

Option #2 - If the Contractor chooses to demolish the building(s) with the non-friable asbestos in place, the following provisions shall apply:

1. Continuously wet all non-friable ACM and other building debris with water during demolition.
2. Dispose of all demolition debris as asbestos containing material by placing it in lined, covered transport haulers and placing it in an approved landfill.

This work will be paid for at the contract unit price per lump sum for REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 3, as shown.

The cost for this work shall be determined as follows:

Option #1 - Actual cost of removal and disposal of non-friable asbestos.

Option #2 - The difference in cost between removing and disposing of the building if all non-friable asbestos is left in place and removing and disposing of the building assuming all non-friable asbestos is removed prior to demolition.

The cost of removing and disposing of the building(s), assuming all non-friable asbestos is removed first, shall be represented by the pay item "BUILDING REMOVAL NO. ".

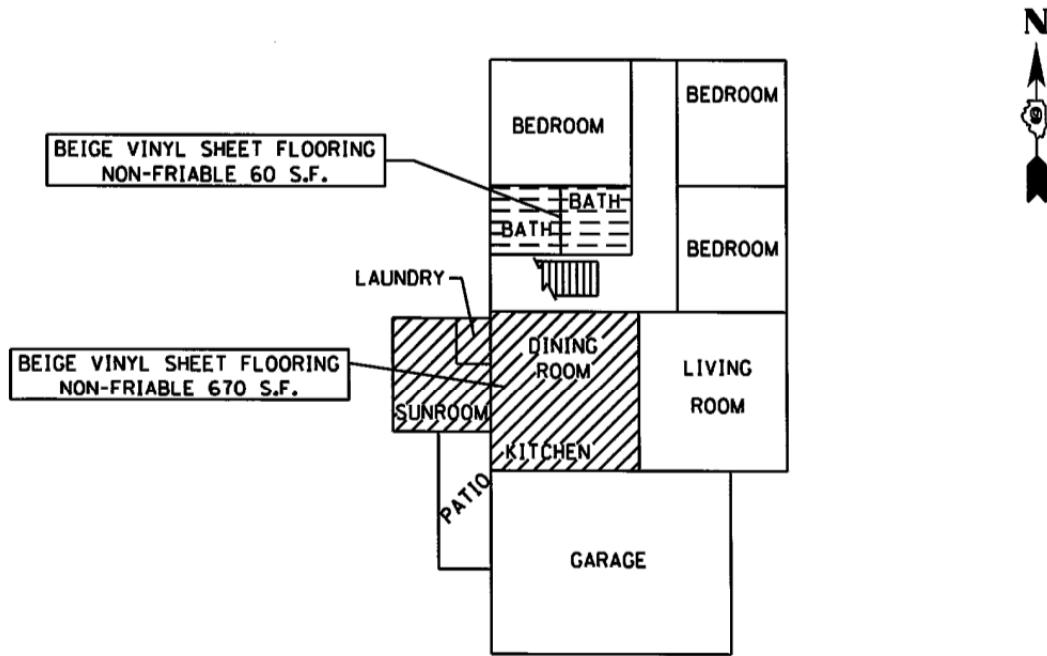
Regardless of the option chosen by the Contractor, this pay item will not be deleted, nor will the pay item BUILDING REMOVAL NO. 3 be deleted.

Revised 4/18/14

BUILDING REMOVAL #3

BUILDING REMOVAL # 3

PARCEL # 9314A03
1415 COUNTY AIRE DRIVE
CARTERVILLE, ILLINOIS 62918



FLOOR PLAN

Revised 4/18/14

HOT-MIX ASPHALT – PRIME COAT (BMPR)

Effective: February 19, 2013

Revised: March 4, 2014

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 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”

Add the following to Article 406.03 of the Standard Specifications:

“(i) Regenerative Air Vacuum Sweeper.....1101.19”

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 to remove all large particles and air blasting to remove dust. As an alternate to air blasting, vacuum sweeping may be used to accomplish the dust removal. Vacuum sweeping shall be accomplished with a regenerative air vacuum sweeper. 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.

Revised 4/18/14

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 (0.244)
Fog Coat between HMA Lifts, IL-4.75 & Brick	0.025 (0.122)

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 \pm 0.01 (1.21 kg/sq m \pm 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 residual asphalt binder rate will be verified a minimum of once per type of surface to be primed as specified herein for which at least 2,000 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.

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."

Revised 4/18/14

Revise the last sentence of the first paragraph of 406.13(b) of the Standard Specifications to read:

“Water added to emulsified asphalt as allowed in article 406.02 will not be included in the quantities measured for payment.”

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), or POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)”

Revise Article 407.06(b) of the Standard Specifications to read:

“A bituminous prime coat shall be applied between each lift of HMA according to Article 406.05(b).”

Delete the second paragraph in Article 407.12 of the Standard Specifications.

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 an emulsion or cutback is used for prime coat, the percentage of asphalt residue of the actual certified product shall be shown on the producer’s bill of lading or attached certificate of analysis. If the producer adds extra water to an emulsion at the request of the purchaser, the amount of water shall also 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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Revised 4/18/14

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”

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”

Add the following to Article 1101 of the Standard Specifications:

“1101.19 Regenerative Air Vacuum Sweeper. The regenerative air vacuum sweeper shall blast re-circulated, filtered air through a vacuum head having a minimum width of 6.0 feet at a minimum rate of 20,000 cubic feet per minute.”

Revised 4/18/14

PIPE UNDERDRAIN REMOVAL

This work includes the removal of the existing pipe underdrains (sub-surface drains), pipe underdrains, special and headwalls. The pipe, filter fabric, and headwalls shall be removed and the exposed trench backfilled with embankment. Compaction shall meet the requirements of section 206.

Method of Measurement:

The pipe underdrain removal shall be measured for payment in feet of pipe underdrain and pipe underdrain, special removed. Removal of headwalls for pipe underdrains shall be included in the cost of the pipe underdrain removal.

Basis of Payment:

This work will be paid for at the contract unit price per foot for PIPE UNDERDRAIN REMOVAL, which shall be payment in full for removal and disposal of pipe, fabric, and headwalls and for backfilling the trench.

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Add the following to Section 1040 of the Standard Specifications:

“1040.08 Polypropylene (PP) Pipe. Storage and handling shall be according to the manufacturer's recommendations, except in no case shall the pipe be exposed to direct sunlight for more than six months. Acceptance testing of the pipe shall be accomplished during the same construction season in which it is installed. The section properties shall be according to the manufacturer pre-submitted geometric properties on file with the Department. The manufacturer shall submit written certification that the material meets those properties. The pipe shall meet the following additional requirements.

- (a) Corrugated PP Pipe with a Smooth Interior. The pipe shall be according to AAHSTO M 330 (nominal size – 12 to 60 in. (300 to 1500 mm)). The pipe shall be Type S or D.
- (b) Perforated Corrugated PP Pipe with A Smooth Interior. The pipe shall be according to AASHTO M 330 (nominal size – 12 to 60 in. (300 to 1500 mm)). The pipe shall be Type SP. In addition, the top centerline of the pipe shall be marked so that it is readily visible from the top of the trench before backfilling, and the upper ends of the slot perforations shall be a minimum of ten degrees below the horizontal.”

MATERIAL TRANSFER DEVICE (BDE)

Effective Date: June 15, 1999

Revised Date: January 1, 2009

Description. This work shall consist of placing Polymerized Hot-Mix Asphalt Surface Course, Mix “E”, Polymerized Hot-Mix Asphalt Binder Course and Hot-Mix Asphalt Binder Course, except that these materials shall be placed using a material transfer device.

Materials and Equipment. The material transfer device shall have a minimum surge capacity of 15 tons (13.5 metric tons), shall be self-propelled and capable of moving independent of the paver, and shall be equipped with the following:

- (a) Front-Dump Hopper and Conveyor. The conveyor shall provide a positive restraint along the sides of the conveyor to prevent material spillage. Material Transfer devices having paver style hoppers shall have a horizontal bar restraint placed across the foldable wings which prevents the wings from being folded.
- (b) Paver Hopper Insert. The paver hopper insert shall have a minimum capacity of 14 tons (12.7 metric tons).
- (c) Mixer/Agitator Mechanism. This re-mixing mechanism shall consist of a segmented, anti-segregation, re-mixing auger or two full-length longitudinal paddle mixers designed for the purpose of re-mixing the hot-mix asphalt (HMA). The longitudinal paddle mixers shall be located in the paver hopper insert.

Revised 4/18/14

CONSTRUCTION REQUIREMENTS

General. The material transfer device shall be used for the placement of Polymerized Hot-Mix Asphalt Surface Course, Mix "E", Polymerized Hot-Mix Asphalt Binder Course and the top 3" of Hot-Mix Asphalt Binder Course of the 15.25" full depth HMA pavement built on ILL 13. The material transfer device speed shall be adjusted to the speed of the paver to maintain a continuous, non-stop paving operation.

Use of a material transfer device with a roadway contact pressure exceeding 20 psi (138 kPa) will be limited to partially completed segments of full-depth HMA pavement where the thickness of binder in place is 10 in. (250 mm) or greater.

Structures. The material transfer device may be allowed to travel over structures under the following conditions:

- (a) Approval will be given by the Engineer.
- (b) The vehicle shall be emptied of HMA material prior to crossing the structure and shall travel at crawl speed across the structure.
- (c) The tires of the vehicle shall travel on or in close proximity and parallel to the beam and/or girder lines of the structure.

Method of Measurement. This work will be measured for payment in tons (metric tons) for Polymerized Hot-Mix Asphalt Surface Course, Mix "E", Polymerized Hot-Mix Asphalt Binder Course and Hot-Mix Asphalt Binder Course materials placed with a material transfer device.

Basis of Payment. This work will be paid for at the contract unit price per ton (metric ton) for MATERIAL TRANSFER DEVICE.

The various HMA mixtures placed with the material transfer device will be paid for as specified in their respective specifications. The Contractor may choose to use the material transfer device for other applications on this project; however, no additional compensation will be allowed.

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