



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

July 23, 2014

SUBJECT: FAP Route 332 (US 45)  
Project ACNHPP-0332(119)  
Section (29, 30)R-1  
Saline County  
Contract No. 78077  
Item No. 111, August 1, 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 the Schedule of Prices
2. Revised plans sheets 4, (22-31), 66, 152, 195, 206 & 356
3. Revised the Table of Contents to the Special Provisions
4. Revised pages 4-5, 15-21, 43-69 & 93-111 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,

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; Matt Mueller; Tim Kell; D. Carl Puzey; Estimates

HM/kf

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF PRICES  
 CONTRACT  
 NUMBER - 78077

State Job # - C-99-063-08

County Name - SALINE -

Code - 165 - -

District - 9 - -

Section Number - (29,30)R-1

Project Number

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Route

FAP 332

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
A2C022G3	T-CARYA ILLINOI CG 3G	EACH	794.000				
A2C050G3	T-QUERC BICOL CG 3G	EACH	794.000				
A2C056G3	T-QUERC MACR CG 3G	EACH	794.000				
A2C060G3	T-QUERC PALUS CG 3G	EACH	794.000				
C2001160	S-CEPHALAN OCCID 5'	EACH	109.000				
D2C015G3	E-JUNIPER VIRG CG 3G	EACH	32.000				
X0322936	REMOV EX FLAR END SEC	EACH	2.000				
X0325279	CLASS SI CONC (MISC)	CU YD	6.700				
X0327371	PLUG EXISTING PIPE	CU YD	0.200				
X2503100	MOWING	UNIT	122.000				
X4024000	TEMP ACCESS- FLD ENT	EACH	6.000				
X4401198	HMA SURF REM VAR DP	SQ YD	21,008.000				
X5121800	PERM STEEL SHT PILING	SQ FT	567.000				
X5860110	GRANULAR BACKFILL STR	CU YD	11.000				
X6024240	INLETS SPL	EACH	63.000				

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Z0000100	ABANDON EX CULVERT	EACH	1.000				
Z0004552	APPROACH SLAB REM	SQ YD	164.000				
*DEL Z0007601	<del>BLDG REMOV NO 1</del>	<del>L SUM</del>	<del>1.000</del>				
Z0007602	BLDG REMOV NO 2	L SUM	1.000				
Z0007603	BLDG REMOV NO 3	L SUM	1.000				
Z0007604	BLDG REMOV NO 4	L SUM	1.000				
Z0007605	BLDG REMOV NO 5	L SUM	1.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0029604	HEADWALL REMOVAL	EACH	2.000				
Z0046304	P UNDR FOR STRUCT 4	FOOT	77.000				
Z0054517	ROCK FILL - FOUNDATN	TON	687.000				
Z0073002	TEMP SOIL RETEN SYSTM	SQ FT	935.000				
Z0076600	TRAINEES	HOUR	2,000.000		0.800		1,600.000
Z0076604	TRAINEES TPG	HOUR	2,000.000		15.000		30,000.000
20100110	TREE REMOV 6-15	UNIT	179.000				

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20100210	TREE REMOV OVER 15	UNIT	552.000				
20100500	TREE REMOV ACRES	ACRE	46.750				
20200100	EARTH EXCAVATION	CU YD	440,710.000				
20700110	POROUS GRAN EMBANK	TON	4,980.000				
20700220	POROUS GRAN EMBANK	CU YD	1,170.000				
20800150	TRENCH BACKFILL	CU YD	3,560.000				
21101615	TOPSOIL F & P 4	SQ YD	5,800.000				
25000100	SEEDING CL 1	ACRE	5.000				
25000210	SEEDING CL 2A	ACRE	87.250				
25000314	SEEDING CL 4B	ACRE	27.500				
25000350	SEEDING CL 7	ACRE	123.250				
25000400	NITROGEN FERT NUTR	POUND	21,834.000				
25000500	PHOSPHORUS FERT NUTR	POUND	21,834.000				
25000600	POTASSIUM FERT NUTR	POUND	21,834.000				
25000700	AGR GROUND LIMESTONE	TON	485.200				

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25100115	MULCH METHOD 2	ACRE	161.750				
25100630	EROSION CONTR BLANKET	SQ YD	194,509.000				
28000250	TEMP EROS CONTR SEED	POUND	27,640.000				
28000305	TEMP DITCH CHECKS	FOOT	2,964.000				
28000400	PERIMETER EROS BAR	FOOT	47,850.000				
28000500	INLET & PIPE PROTECT	EACH	208.000				
28100101	STONE RIPRAP CL A1	SQ YD	697.000				
28100107	STONE RIPRAP CL A4	SQ YD	183.000				
28100109	STONE RIPRAP CL A5	SQ YD	345.000				
28100707	STONE DUMP RIP CL A4	SQ YD	929.000				
28200200	FILTER FABRIC	SQ YD	663.000				
30200650	PROCESS MOD SOIL 12	SQ YD	301,050.000				
30201500	LIME	TON	8,941.200				
31100300	SUB GRAN MAT A 4	SQ YD	1,818.000				
35100100	AGG BASE CSE A	TON	645.000				

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35100300	AGG BASE CSE A 4	SQ YD	1,996.000				
35100800	AGG BASE CSE A 9	SQ YD	23,167.000				
40200200	AGG SURF CSE A	CU YD	375.000				
40201000	AGGREGATE-TEMP ACCESS	TON	1,670.000				
40600982	HMA SURF REM BUTT JT	SQ YD	207.000				
40600990	TEMPORARY RAMP	SQ YD	69.000				
40603090	HMA BC IL-19.0 N90	TON	1,868.000				
40603320	HMA SC "C" N90	TON	2,768.000				
42001200	PAVEMENT FABRIC	SQ YD	1,530.000				
42001300	PROTECTIVE COAT	SQ YD	8,741.000				
42300200	PCC DRIVEWAY PAVT 6	SQ YD	480.000				
42300300	PCC DRIVEWAY PAVT 7	SQ YD	1,593.000				
42300400	PCC DRIVEWAY PAVT 8	SQ YD	1,530.000				
42400200	PC CONC SIDEWALK 5	SQ FT	20,166.000				
44000100	PAVEMENT REM	SQ YD	92,152.000				

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44000200	DRIVE PAVEMENT REM	SQ YD	2,458.000				
44000500	COMB CURB GUTTER REM	FOOT	2,657.000				
44004250	PAVED SHLD REMOVAL	SQ YD	1,384.000				
44200168	PAVT PATCH T2 14	SQ YD	11.000				
44200172	PAVT PATCH T3 14	SQ YD	25.000				
44200174	PAVT PATCH T4 14	SQ YD	217.000				
44300200	STRIP REF CR CON TR	FOOT	11,426.000				
48101200	AGGREGATE SHLDS B	TON	16,141.000				
48101500	AGGREGATE SHLDS B 6	SQ YD	1,909.000				
48203033	HMA SHOULDERS 9	SQ YD	427.000				
50100100	REM EXIST STRUCT	EACH	11.000				
50100300	REM EXIST STRUCT N1	EACH	1.000				
50100400	REM EXIST STRUCT N2	EACH	1.000				
50100500	REM EXIST STRUCT N3	EACH	1.000				
50100600	REM EXIST STRUCT N4	EACH	1.000				

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50100700	REM EXIST STRUCT N5	EACH	1.000				
50100800	REM EXIST STRUCT N6	EACH	1.000				
50100900	REM EXIST STRUCT N7	EACH	1.000				
50101500	REM EXIST SUP-STR	EACH	1.000				
50102400	CONC REM	CU YD	1.800				
50105220	PIPE CULVERT REMOV	FOOT	3,182.000				
50200100	STRUCTURE EXCAVATION	CU YD	43.000				
50200450	REM/DISP UNS MATL-STR	CU YD	888.000				
50300225	CONC STRUCT	CU YD	46.100				
50300255	CONC SUP-STR	CU YD	133.700				
50400305	P P CONC DK BM 17 DP	SQ FT	1,778.000				
50800105	REINFORCEMENT BARS	POUND	199,070.000				
50800205	REINF BARS, EPOXY CTD	POUND	42,150.000				
50800515	BAR SPLICERS	EACH	224.000				
50901050	STEEL RAILING TY SM	FOOT	79.000				



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51201400	FUR STL PILE HP10X42	FOOT	94.000				
51202305	DRIVING PILES	FOOT	94.000				
51204650	PILE SHOES	EACH	4.000				
51500100	NAME PLATES	EACH	2.000				
54001001	BOX CUL END SEC C1	EACH	2.000				
54001002	BOX CUL END SEC C2	EACH	2.000				
54001003	BOX CUL END SEC C3	EACH	2.000				
54001004	BOX CUL END SEC C4	EACH	2.000				
54001005	BOX CUL END SEC C5	EACH	2.000				
54001006	BOX CUL END SEC C6	EACH	2.000				
54001007	BOX CUL END SEC C7	EACH	2.000				
54001008	BOX CUL END SEC C8	EACH	2.000				
54001009	BOX CUL END SEC C9	EACH	4.000				
54001010	BOX CUL END SEC C10	EACH	4.000				
54001011	BOX CUL END SEC C11	EACH	2.000				

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54003000	CONC BOX CUL	CU YD	1,070.600				
54010302	PCBC 3X2	FOOT	100.000				
54010403	PCBC 4X3	FOOT	218.000				
54010503	PCBC 5X3	FOOT	523.000				
54010504	PCBC 5X4	FOOT	32.000				
54010603	PCBC 6X3	FOOT	162.000				
54010707	PCBC 7X7	FOOT	54.000				
54010803	PCBC 8X3	FOOT	44.000				
542A0217	P CUL CL A 1 12	FOOT	32.000				
542A0229	P CUL CL A 1 24	FOOT	43.000				
542A0235	P CUL CL A 1 30	FOOT	46.000				
542A0241	P CUL CL A 1 36	FOOT	208.000				
542A0253	P CUL CL A 1 48	FOOT	36.000				
542A1069	P CUL CL A 2 24	FOOT	96.000				
542A1081	P CUL CL A 2 36	FOOT	332.000				

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542A1087	P CUL CL A 2 42	FOOT	44.000				
542A5497	P CUL CL A 1 EQRS 42	FOOT	10.000				
542A5509	P CUL CL A 1 EQRS 54	FOOT	34.000				
542A8215	P CUL CL A 2 EQRS 30	FOOT	170.000				
542A8227	P CUL CL A 2 EQRS 42	FOOT	14.000				
542D0215	P CUL CL D 1 10	FOOT	48.000				
542D0220	P CUL CL D 1 15	FOOT	261.000				
542D0223	P CUL CL D 1 18	FOOT	190.000				
542D0229	P CUL CL D 1 24	FOOT	360.000				
542D0235	P CUL CL D 1 30	FOOT	216.000				
542D0241	P CUL CL D 1 36	FOOT	76.000				
542D0247	P CUL CL D 1 42	FOOT	51.000				
542D1063	P CUL CL D 2 18	FOOT	55.000				
5421A024	P CUL CL A 1 24 TEMP	FOOT	84.000				
5421D018	P CUL CL D 1 18 TEMP	FOOT	100.000				

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5421D024	P CUL CL D 1 24 TEMP	FOOT	828.000				
54213657	PRC FLAR END SEC 12	EACH	3.000				
54213660	PRC FLAR END SEC 15	EACH	5.000				
54213669	PRC FLAR END SEC 24	EACH	22.000				
54213675	PRC FLAR END SEC 30	EACH	4.000				
54213681	PRC FLAR END SEC 36	EACH	11.000				
54213687	PRC FLAR END SEC 42	EACH	2.000				
54213693	PRC FLAR END SEC 48	EACH	2.000				
54213870	STEEL END SEC 15	EACH	14.000				
54213873	STEEL END SEC 18	EACH	14.000				
54213879	STEEL END SEC 24	EACH	18.000				
54213885	STEEL END SEC 30	EACH	10.000				
54213891	STEEL END SEC 36	EACH	4.000				
54213897	STEEL END SEC 42	EACH	2.000				
54214515	PRC FL END S EQ RS 30	EACH	2.000				

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54214521	PRC FL END S EQ RS 36	EACH	1.000				
54214527	PRC FL END S EQ RS 42	EACH	2.000				
54214539	PRC FL END S EQ RS 54	EACH	2.000				
54244405	FL INLT BX MED 542546	EACH	20.000				
54248510	CONCRETE COLLAR	CU YD	3.000				
550A0120	STORM SEW CL A 1 24	FOOT	144.000				
550A0340	STORM SEW CL A 2 12	FOOT	152.000				
550A0360	STORM SEW CL A 2 15	FOOT	1,649.000				
550A0380	STORM SEW CL A 2 18	FOOT	613.000				
550A0410	STORM SEW CL A 2 24	FOOT	2,907.000				
550A0430	STORM SEW CL A 2 30	FOOT	1,136.000				
550A0450	STORM SEW CL A 2 36	FOOT	260.000				
550A5300	SS CL A 2 EQRS 36	FOOT	227.000				
550B0340	STORM SEW CL B 2 12	FOOT	57.000				
550B0360	STORM SEW CL B 2 15	FOOT	172.000				

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550B0380	STORM SEW CL B 2 18	FOOT	116.000				
550B0410	STORM SEW CL B 2 24	FOOT	350.000				
550B0430	STORM SEW CL B 2 30	FOOT	188.000				
55100500	STORM SEWER REM 12	FOOT	94.000				
55101200	STORM SEWER REM 24	FOOT	2,055.000				
59100100	GEOCOMPOSITE WALL DR	SQ YD	9.000				
60100060	CONC HDWL FOR P DRAIN	EACH	183.000				
60107600	PIPE UNDERDRAINS 4	FOOT	94,520.000				
60108100	PIPE UNDERDRAIN 4 SP	FOOT	3,444.000				
60218400	MAN TA 4 DIA T1F CL	EACH	1.000				
60219000	MAN TA 4 DIA T8G	EACH	2.000				
60221100	MAN TA 5 DIA T1F CL	EACH	1.000				
60221700	MAN TA 5 DIA T8G	EACH	6.000				
60236200	INLETS TA T8G	EACH	27.000				
60240301	INLETS TB T8G	EACH	1.000				

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60255500	MAN ADJUST	EACH	10.000				
60260100	INLETS ADJUST	EACH	5.000				
60500050	REMOV CATCH BAS	EACH	7.000				
60500060	REMOV INLETS	EACH	10.000				
60600095	CLASS SI CONC OUTLET	CU YD	1.800				
60605000	COMB CC&G TB6.24	FOOT	8,658.000				
63000001	SPBGR TY A 6FT POSTS	FOOT	75.000				
63100075	TRAF BAR TERM T5A	EACH	4.000				
63100167	TR BAR TRM T1 SPL TAN	EACH	3.000				
64200116	SHOULDER RUM STRIP 16	FOOT	96,160.000				
66500105	WOV W FENCE 4	FOOT	56,120.000				
66501800	WOV W GATES 4X20 DBL	EACH	17.000				
66600105	FUR ERECT ROW MARKERS	EACH	304.000				
66700305	PERM SURV MKRS T2	EACH	18.000				
66900200	NON SPL WASTE DISPOSL	CU YD	1,300.000				

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66900450	SPL WASTE PLNS/REPORT	L SUM	1.000				
66900530	SOIL DISPOSAL ANALY	EACH	3.000				
67000400	ENGR FIELD OFFICE A	CAL MO	20.000				
67000600	ENGR FIELD LAB	CAL MO	14.000				
67100100	MOBILIZATION	L SUM	1.000				
70100450	TRAF CONT-PROT 701201	L SUM	1.000				
70100460	TRAF CONT-PROT 701306	L SUM	1.000				
70100500	TRAF CONT-PROT 701326	L SUM	1.000				
70101830	TRAF CONT-PROT BLR 21	L SUM	1.000				
70102620	TR CONT & PROT 701501	L SUM	1.000				
70102622	TR CONT & PROT 701502	L SUM	1.000				
70102632	TR CONT & PROT 701602	L SUM	1.000				
70102635	TR CONT & PROT 701701	L SUM	1.000				
70103815	TR CONT SURVEILLANCE	CAL DA	350.000				
70106800	CHANGEABLE MESSAGE SN	CAL MO	84.000				



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70300100	SHORT TERM PAVT MKING	FOOT	11,360.000				
70300210	TEMP PVT MK LTR & SYM	SQ FT	96.000				
70300220	TEMP PVT MK LINE 4	FOOT	157,391.000				
70300260	TEMP PVT MK LINE 12	FOOT	125.000				
70300280	TEMP PVT MK LINE 24	FOOT	333.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	7,445.000				
70400100	TEMP CONC BARRIER	FOOT	621.000				
70600250	IMP ATTN TEMP NRD TL3	EACH	6.000				
72000100	SIGN PANEL T1	SQ FT	31.250				
72800100	TELES STL SIN SUPPORT	FOOT	89.000				
78004210	PREF PL PM TB INL L4	FOOT	28,033.000				
78004280	PREF PL PM TB INL L24	FOOT	607.000				
78009000	MOD URETH PM LTR-SYM	SQ FT	1,411.000				
78009004	MOD URETH PM LINE 4	FOOT	110,933.000				
78009012	MOD URETH PM LINE 12	FOOT	1,289.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF PRICES  
 CONTRACT  
 NUMBER - 78077

State Job # - C-99-063-08

County Name - SALINE - -

Code - 165 - -

District - 9 - -

Section Number - (29,30)R-1

Project Number  
 ACNHPP-0332/119/  
 \*REVISED: JULY 22, 2014  
 \*\*\* PART 1 \*\*\*

Route  
 FAP 332

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
78100100	RAISED REFL PAVT MKR	EACH	1,205.000				
78300100	PAVT MARKING REMOVAL	SQ FT	1,141.000				
78300200	RAISED REF PVT MK REM	EACH	470.000				



ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF PRICES  
 CONTRACT  
 NUMBER - 78077

State Job # - C-99-063-08  
 PPS NBR -  
 County Name - SALINE- -  
 Code - 165 - -  
 District - 9 - -  
 Section Number - (29,30)R-1

Project Number  
 ACNHPP-0332/119/  
 \*\*\* PART 2 ALT B \*\*\*

Route  
 FAP 332

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X4060110	BIT MATLS PR CT	POUND	97,200.000				
*DEL X7830068	GRV RCSD PVT LT N SYM	SQ FT	728.000				
*REV X7830070	GRV RCSD PVT MRKG 5	FOOT	12,798.000				
*DEL X7830078	GRV RCSD PVT MRKG 13	FOOT	348.000				
Z0034105	MATL TRANSFER DEVICE	TON	8,217.000				
20400100	BORROW EXCAVATION	CU YD	118,635.000				
31101900	SUB GRAN MAT C	TON	785.000				
*ADD 31200500	STAB SUBBASE HMA 4	SQ YD	167,482.000				
40603345	HMA SC "D" N90	TON	2,487.000				
40701906	HMA PAVT FD 11 1/4	SQ YD	19,491.000				
42000401	PCC PVT 9 JOINTED	SQ YD	150,098.000				
42001300	PROTECTIVE COAT	SQ YD	225,398.000				
48203029	HMA SHOULDERS 8	SQ YD	4,625.000				
48300400	PCC SHOULDERS 9	SQ YD	78,225.000				

CONTRACT NUMBER            78077

SUBTOTAL FOR PART 1	\$
SUBTOTAL FOR ALT A	\$
SUBTOTAL FOR ALT B	\$

THIS IS THE TOTAL BID FOR PART 1 & ALT A	\$
THIS IS THE TOTAL BID FOR PART 1 & ALT B	\$

**NOTES:**

1. Each PAY ITEM should have a UNIT PRICE and a TOTAL PRICE.
2. The UNIT PRICE shall govern if no TOTAL PRICE is shown or if there is a discrepancy between the product of the UNIT PRICE multiplied by the QUANTITY.
3. If a UNIT PRICE is omitted, the TOTAL PRICE will be divided by the QUANTITY in order to establish a UNIT PRICE.
4. A bid may be declared UNACCEPTABLE if neither a unit price nor a total price is shown.

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Prior to allowing traffic on any portion of the roadway that has been cold milled, the Contractor shall have erected "Rough Grooved Surface" and "Uneven Pavement" signs that conform to the details shown in the plans. A minimum of one sign at each end of the improvement will be required. The Contractor shall maintain the "Rough Grooved Surface" signs until the cold milled surface is covered with leveling binder. The Contractor shall maintain the "Uneven Pavement" signs until the resurfacing operations are completed.

If at any time the signs are in place but not applicable, they shall be turned from the view of motorists or covered as directed by the Engineer.

At all locations where the Contractor's equipment is required to cross the traffic lanes, traffic control and protection in accordance with Standard 701306 shall be used.

The cost of furnishing, erecting, maintaining, and removing the required signs shall be incidental to the contract.

Prior to allowing traffic on any newly opened portion of the roadway, relocated or temporary stop signs shall be in place at the side road intersections.

#### **TRAFFIC CONTROL STAGING**

The staging plans provided in the plans are suggested. The Contractor will be required to remove the buildings first to facilitate the relocation of the utilities. The contractor may choose, but is not required to use this plan. If the Contractor chooses not to use the plan provided therein he/she shall submit a staging plan for approval to the District's Project Implementation Engineer within 10 days of the award of the Contract. The Contractor's submittal shall detail the location and sequence of work, and include a traffic control plan for each stage.

Revised 7/23/14

## **BORROW EXCAVATION**

A contractor request for approval of the material in a proposed borrow pit shall contain:

- (a) An 8 1/2" x 11" topographic map or sketch containing the dimensions of the area proposed and the locations of pertinent landmarks, the name(s) of the property owner, and the proposed depth of cut. Copies of this map may also be used for subsequent submittal required for the archeological survey of the borrow pit.
- (b) A statement that approval has been obtained from the property owner to allow entry upon his/her property for material investigation.

The contractor shall provide access for truck mounted drilling equipment, if required, to and from and in all areas where he/she requests material investigations.

Revised 7/23/14

## **MOWING**

Effective December 11, 2001

Revised April 29, 2011

This work shall consist of mowing the entire median up to 100' in width and the roadway foreslopes of the outside lanes to the ditchline or for a width of 15' from the edge of pavement or paved shoulder, whichever is less. At intersecting roadways, the mowing shall extend to the proposed right of way for a distance of 300' on either side of the intersection. The height of the mowing shall not be more than 6". Equipment used shall be capable of completely severing all growth at the cutting height and distributing it evenly over the mowed area. The Contractor will not be required to mow continuously wet ditches and drainage ways, slopes greater than 1:2.5 (V:H), or areas which may be designated by the Engineer as not mowable. Mowing shall be done within the project limits during the construction of the project as directed by the Engineer and prior to the final inspection of the project. Any subsequent mowing required to disperse mowed material shall be considered as included in the cost of the mowing. Debris encountered during mowing, which interferes with the mowing operation or is visible from the roadway shall be removed and disposed of according to Article 250.05.

Method of Measurement: Mowing will be measured for payment in units of 100' (30 m) in horizontal distances along the roadway center line/survey line. For purposes of measurement, the quantity of units to be paid for each individual mowing is defined as the net length of the project as shown on the cover sheet of the construction plans divided by 100' (30 m). On and off ramps will not be measured separately. No allowances will be made for variations in width of mowing.

Basis of Payment: This work will be paid for at the contract unit price per unit for MOWING.

## **UTILITIES**

Effective 1984 Revised 1/2/97

Add the following after the first paragraph of Article 105.07 of the Standard Specifications:

Underground utilities have been plotted from available surveys and records and, therefore, their locations must be considered approximate only. There also may be utilities for which the locations are unknown. Verification of locations of underground utilities, shown or not shown, will be the responsibility of the Contractor. The following utility companies have facilities within the project limits which will require adjustment:

Name and Address of Utility	Type	Locations	Estimated Date Adjustment Completed
Ameren I.P. Distribution 2610 Broadway Mt. Vernon, IL 62864 Attn: Mike Tatlock	Electric	Within Urban Section	Jan 2015
Ameren Illinois Electric Trans 1800 West Main St. Marion, IL 62959 Attn: Joe Reinhard	Electric	Within Urban Section but primarily from Cook/Alexander Road north to end of job	April 2015
Clearwave Communications 2 North Vine Street Floor #2 Harrisburg, IL 62946 Attn: Aaron Carian	Fiber Optic communication	Along 4 <sup>th</sup> Street and other minor locations in urban setting but primarily from Cook/Alexander Road north to end of job	December 2014
CountryMark Refining 1200 Refinery Road Mt. Vernon, IN 47620 Attn: Mickey Smith	Oil Pipeline	Abandoned Crossing near station 525 and some facilities near the Gandertown road area.	No conflicts anticipated
City of Eldorado C/O Brown and Roberts Engrs 1 West Ridge Road Harrisburg, IL. 62946 Attn: Matt Tosh	Water and Sewer	Urban Section with minor amount on Alexander Road	December 2014
Frontier Communications 200 W. Cherry Carmi, IL 62821 Attn: James Clark	Telephone	Throughout project	November 2014
Hamilton Co. Telephone Coop Highway 142 Dahlgren, IL. 62828 Attn: Kevin Pyle	Telephone	Dewey Street	No conflicts anticipated
Liberty Gas 611 N. Main Harrisburg, IL. 62946 Attn: Deon Scott	Distribution Gas	From South End of Job to Alexander Road.	November 2014
Mediacom 90 North Main Benton, Kentucky 42025 Attn: Albert Gaboriault	Cable T.V.	Within Urban area.	December 2014

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Saline Valley Conservancy 1 West Ridge Road Harrisburg, IL. 62946 Attn: Matt Tosh	Water	Alexander Road to Station 545 along the east side of US 45, also along Gandertown, and in the area of Unthank, Flanders, & Abel Road	November 2014
Shawnee Communications P.O. Box 69 Equality, IL 62934 Attn: John Bourland	Telephone	Dewey Street	No conflicts anticipated
Southeastern IL Elec Coop P.O. Box 251 Eldorado, IL. 62930 Attn: Eric Jung	Electric Distribution	Not within Construction Limits	No conflicts anticipated
Windstream 102 E Shafer St Forsyth, IL 62535 Attn: Jerome Light	Fiber Optic Communications	Primarily from Cook/Alexander Road north to end of job.	October 2014

The above represents the best information the Department has available and is only included for the convenience of the bidder. The applicable provisions of Section 102 and Articles 105.07, 107.20, 107.31, and 108.02 of the applicable edition of the Standard Specifications for Road and Bridge Construction shall apply.

\*\* Above utility relocation information reflected as of 7-21-14.

Additional utility information may be obtained by calling the "Joint Utility Location Information for Excavators" phone number, 800-892-0123. This project is located in the Eldorado and Rector townships.

Add the following after the first paragraph of Article 107.31 of the Standard Specifications:

The Contractor is advised that this project includes areas of highway illumination and/or signalized intersections. These areas have underground cable or conduit throughout which is to remain in service. Before driving any posts or beginning any excavation operations, the Contractor shall locate, uncover by hand and relocate any wiring which conflicts with the proposed work. Any cable or conduit which is damaged as a result of the Contractor's operations shall be replaced by him at his expense. Replacement material and methods shall meet or exceed the original specifications for the wiring. Splicing will not be permitted.

Revised 7/23/14

**BUILDING REMOVAL - CASE IV (NO ASBESTOS) (BDE)**

Effective: September 1, 1990

Revised: April 1, 2010

**BUILDING REMOVAL:** This work shall consist of the removal and disposal of 4 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>
2	633	Sta. 496+50 100' LT	28 x28 metal pole barn built over an existing frame structure with a concrete floor
3	736	Sta. 489+85 105' RT	1200 SF one story framed horse barn/stable with attached lean-to shed
4	736	Sta. 493+50 90' RT	900 SF one story barn with metal siding and roof
5	753	Sta. 693+00 20' RT	Foundation only

**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 7/23/14

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).

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. Any salvage value shall be reflected in the contract unit price for this item.

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 demolition activity.

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.

Submittals:

- A. All submittals and notices shall be made to the Engineer except where otherwise specified herein.
- B. Prior to starting work, the Contractor shall submit proof of written notification and compliance with the "Notifications" paragraph.

Revised 7/23/14

ROUTE: FAP 332 (US 45)  
Project ACNHPP-0332(119)  
SECTION: (29,30)R-1  
COUNTY: SALINE  
CONTRACT NO. 78077

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Revised 7/23/14



**HOT MIX ASPHALT - MIXTURE DESIGN COMPOSITION AND VOLUMETRIC REQUIREMENTS (BMPR)**

Effective: December 19, 2012

Revised: January 1, 2013

Revise Article 406.14(b) of the Standard Specifications to read.

“(b) If the HMA placed during the initial test strip (1) is determined to be unacceptable to remain in place by the Engineer, and (2) was not produced within 2.0 to 6.0 percent air voids or within the individual control limits of the JMF, the mixture and test strip will not be paid for and the mixture shall be removed at the Contractor’s expense. An additional test strip and mixture will be paid for in full, if produced within 2.0 to 6.0 percent air voids and within the individual control limits of the JMF.”

Revised 7/23/14

**HOT-MIX ASPHALT QUALITY CONTROL FOR PERFORMANCE (BMPR)**

Effective: January 1, 2012

Revised: December 1, 2013

Description. This special provision describes the procedures for production, placement and payment of hot-mix asphalt (HMA). This work shall be according to the Standard Specifications except as modified herein. This special provision shall apply to HMA mixtures as listed in the following table.

Mixture/Use:	Hot-Mix Asphalt Surface Course, Mix D, N90
Location:	Hot-Mix Asphalt Surface Course
Mixture/Use:	Hot-Mix Asphalt Binder Course, N90, IL-19.0
Location:	Hot-Mix Asphalt Binder Course
Mixture/Use:	Hot-Mix Asphalt Shoulders, N30
Location:	Hot-Mix Shoulders

Exceptions may be approved for small tonnage less than 800 (725 metric) tons and miscellaneous mixture applications as defined by the Engineer.

Delete Articles:	406.06(b)(1), 2 <sup>nd</sup> Paragraph	(Temperature requirements)
	406.06 (e), 3 <sup>rd</sup> Paragraph	(Pavers speed requirements)
	406.07	(Compaction)
	1030.05(a)(4, 5, 9,)	(QC/QA Documents)
	1030.05(d)(2)a.	(Plant Tests)
	1030.05(d)(2)b.	(Dust-to-Asphalt and Moisture Content)
	1030.05(d)(2)d.	(Small Tonnage)
	1030.05(d)(2)f.	(HMA Sampling)
	1030.05(d)(3)	(Required Field Tests)
	1030.05(d)(4)	(Control Limits)
	1030.05(d)(5)	(Control Charts)
	1030.05(d)(7)	(Corrective Action for Field Tests (Density))
	1030.05(e)	(Quality Assurance by the Engineer)
	1030.05(f)	(Acceptance by the Engineer)
	1030.06(a), 3 <sup>rd</sup> paragraph	(Before start-up...)
	1030.06(a), 7 <sup>th</sup> paragraph	(After an acceptable...)
	1030.06(a), 8 <sup>th</sup> paragraph	(If a mixture...)
	1030.06(a), 9 <sup>th</sup> paragraph	(A nuclear/core...)

Revised 7/23/14

Definitions:

- (a) Quality Control (QC): All production and construction activities by the Contractor required to achieve the required level of quality.
- (b) Quality Assurance (QA): All monitoring and testing activities by the Engineer required to assess product quality, level of payment, and acceptability of the product.
- (c) Pay Parameters: Pay Parameters shall be field Voids in the Mineral Aggregate (VMA), voids, and density. Field VMA will be calculated using the combined aggregates bulk specific gravity ( $G_{sb}$ ) from the mix design.
- (d) Mixture Lot. A lot shall begin once an acceptable test strip has been completed and the AJMF has been determined. If the test strip is waived, a subplot shall begin with the start of production. A mixture lot shall consist of four sublots unless it is the last or only lot, in which case it may consist of as few as one subplot
- (e) Mixture Sublot. A mixture subplot for field VMA, voids, and Dust/AC will be a maximum of 1000 tons (910 metric tons).
- If the remaining quantity is greater than 200 but less than 1000 tons, a subplot will consist of that amount.
  - If the remaining quantity is less than or equal to 200 tons, the quantity shall be combined with the previous subplot.
- (f) Density Interval. Density Intervals shall be every 0.2 mile (320 m) for lift thickness equal to or less than 3 in. (75 mm) and 0.1 mile (160 m) for lift thickness greater than 3 in. (75 mm).
- (g) Density Sublot. A subplot for density shall be the average of five consecutive Density Intervals. If a Density Interval is less than 200 ft (60 m), it will be combined with the previous Density Intervals.
- If one or two Density Intervals remain outside a subplot, they shall be included in the previous subplot.
  - If three or more Density Intervals remain, they shall be considered a subplot.
- (h) Density Test: A density test consists of a core taken at a random longitudinal and random transverse offset within each Density Interval. The HMA maximum theoretical gravity ( $G_{mm}$ ) will be based on the running average of four Department test results. Initial  $G_{mm}$  will be based on the average of the first four test results. If less than four  $G_{mm}$  results are available, use an average of all available Department  $G_{mm}$  test results.

The random transverse offset excludes a distance from each outer edge equal to the lift thickness or a minimum of 4 in. (100 mm). If a core is located within one foot of an unconfined edge, 2.0 percent density will be added to the density of that core.

Revised 7/23/14

Quality Control (QC) by the Contractor:

The Contractor’s QC plan shall include the schedule of testing for both pay parameters and non-pay parameters required to control the product such as asphalt binder content and mixture gradation. The minimum test frequency shall be according to the following table.

Minimum Quality Control Sampling and Testing Requirements

Quality Characteristic		Minimum Test Frequency
Mixture Gradation		1 per subplot
Asphalt Binder Content		
Dust/AC Ratio		
Field VMA		
Voids	$G_{mb}$	
	$G_{mm}$	

The Contractor’s splits in conjunction with other quality control tests shall be used to control production.

The Contractor shall submit split jobsite mix sample test results to the Engineer within 48 hours of the time of sampling. All QC testing shall be performed in a qualified laboratory by personnel who have successfully completed the Department’s HMA Level I training.

Quality Assurance (QA) by the Engineer:

Voids, field VMA and Dust/AC ratio: The Engineer will determine the random tonnage and the Contractor shall be responsible for obtaining the sample according to the “PFP Hot-Mix Asphalt Random Jobsite Sampling” procedure.

Density: The Engineer will identify the random locations for each density testing interval. The Contractor shall be responsible for obtaining the four inch cores within the same day and prior to opening to traffic unless otherwise approved by the Engineer according to the “PFP and QCP Random Density Procedure”. The locations will be identified after final rolling and cores shall be obtained under the supervision of the Engineer. All core holes shall be filled immediately upon completion of coring. All water shall be removed from the core holes prior to filling. All core holes shall be filled with a rapid hardening mortar or concrete which shall be mixed in a separate container prior to placement in the hole. Any depressions in the surface of the filled core holes greater than 1/4 inch at the time of final inspection will require removal of the fill material to the depth of the lift thickness and replacement.

The Engineer will witness and secure all mixture and density samples. The Contractor shall transport the secured sample to a location designated by the Engineer.

Revised 7/23/14

The Engineer will test one or all of the randomly selected split samples from each lot for voids, field VMA and dust/AC ratio. The Engineer will test a minimum of one sample per project. The Engineer will test all of the pavement cores for density. All QA testing will be performed in a qualified laboratory by personnel who have successfully completed the Department's HMA Level I training. QA test results will be available to the Contractor within 10 working days from receipt of secured cores and split mixture samples.

The Engineer will maintain a complete record of all Department test results and copies will be provided to the Contractor with each set of subplot results. The records will contain, as a minimum, the originals of all Department test results and raw data, random numbers used and resulting calculations for sampling locations, and quality level analysis calculations.

If the QA results do not meet the 100% subplot pay factor limits or do not compare to QC results within the precision limits listed below, the Engineer will test all split mix samples for the lot.

Test Parameter	Limits of Precision
G <sub>mb</sub>	0.030
G <sub>mm</sub>	0.026
Field VMA	1.0 %

Acceptance by the Engineer: All of the Department's tests shall be within the acceptable limits listed below:

Parameter		Acceptable Limits
Field VMA		-1.0 – +3.0% <sup>1/</sup>
Voids		2.0 – 6.0%
Density:	IL-9.5, IL-12.5, IL-19.0, IL-25.0, IL-4.75, IL-9.5FG <sup>3/</sup>	90.0 – 98.0%
	SMA	92.0 – 98.0%
Dust / AC Ratio		0.4 – 1.6 <sup>2/</sup>

1/ Based on minimum required VMA from mix design

2/ Does not apply to SMA.

3/ Acceptable density limits for IL-9.5FG placed less than 1.25 in. shall be 89.0% - 98.0%

In addition, no visible pavement distresses shall be present such as, but not limited to, segregation, excessive coarse aggregate fracturing or flushing.

Basis of Payment: Payment will be based on the calculation of the Composite Pay Factor using QA results for each mix according to the "QCP Payment Calculation" document.

Revised 7/23/14

Dust / AC Ratio. A monetary deduction will be made using the pay adjustment table below for dust/AC ratios that deviate from the 0.6 to 1.2 range. If the tested subplot is outside of this range, the Department will test the remaining sublots for Dust / AC pay adjustment.

Dust / AC Pay Adjustment Table<sup>1/</sup>

Range	Deduct / subplot
$0.6 \leq X \leq 1.2$	\$0
$0.5 \leq X < 0.6$ or $1.2 < X \leq 1.4$	\$1000
$0.4 \leq X < 0.5$ or $1.4 < X \leq 1.6$	\$3000
$X < 0.4$ or $X > 1.6$	Shall be removed and replaced

1/ Does not apply to SMA.

Revised 7/23/14

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