



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

October 25, 2012

SUBJECT: FAI Route 74 & 155 (I-74 & I-155)
Project ACIM-ACBRI-000S (907)
Section 90-[14R; (14HB-4, 14, 14HVB) BR]
Tazewell County
Contract No. 68620
Item No. 01X, November 9, 2012 Letting
Addendum B

NOTICE TO PROSPECTIVE BIDDERS:

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

1. Replaced the Schedule of Prices.
2. Revised sheets 2, 5, 6, 8-14, 23, 24, 33, 34, 35, 37-40, 74, 75, 77, 171, 172, 206, 221, 261, 276, 326, 1350, 1352, 1372, 1374, 1378, 1385, 1387, 1407, 1409, 1413, 1464-1470, 1472, 1473, 1554, 1556, 1577, 1579, 1583, 1866, 1878, 1879, 1885, 1888-1891, 1895, 1940, 1941, 1978, 1997, 2000, 2006, 2011-2016, 2020, and 2137-2139 of the Plans.
3. Added sheets 41a and 1504a to the Plans.
4. Revised the Table of Contents to the Special Provisions.
5. Revised pages 27, 28, 32, 44-49, 332-344 and 391 of the Special Provisions.
6. Added pages 392 - 407 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 black ink, appearing to read 'Ted B. Walschleger P.E.' with a stylized flourish at the end.

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

cc: Joseph E. Crowe, Region 3, District 4; Mike Renner; D.Carl Puzey;
Estimates

dr

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER - 68620

State Job # - C-94-154-06

County Name - TAZEWELL - -

Code - 179 - -

District - 4 - -

Section Number - 90-[14R;(14HB-4,14,14HVB)BR]

Project Number
 ACIM-ACBRI005(/907/)

Route
 FAI 74
 FAI 155

** REVISED: OCTOBER 23, 2012

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
A2007674	T-TAXODIUM DIS CL 10'	EACH	42.000				
X0301242	PIEZO AXLE SEN CL 2	FOOT	66.000				
X0321809	PERMANENT GRND ANCHOR	EACH	86.000				
X0323160	VIDEO INSP OF SS	FOOT	1,105.000				
X0323265	REMOVE EXIST RIPRAP	SQ YD	1,208.000				
X0323388	TRAFFIC COUNTER	EACH	5.000				
X0323909	DATA NETWORK PORT ADP	EACH	8.000				
X0323917	CABINET MODEL 334	EACH	3.000				
X0323920	POLE MT EQUIP CAB TB	EACH	2.000				
X0323923	SUPPORT EQUIP & MAINT	L SUM	1.000				
X0324159	WHITEWASH CONC PAVT	SQ YD	267,195.000				
X0325318	LT WT CELL CONC FILL	CU YD	474.000				
X0325485	TR MTD LED DYN MSG SN	EACH	1.000				
X0325810	WIRELESS ETHERNET RAD	EACH	1.000				
**REV X0325833	WICK DRAINS	FOOT	470,230.000				

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X0325922	CELLULAR MODEM	EACH	2.000				
X0326337	DRAINAGE CONTROL STR	EACH	1.000				
X0326812	CAT 5 ETHERNET CABLE	FOOT	249.000				
X0326905	CCTV DOME CAM IP BASE	EACH	4.000				
X0326906	CCTV DM CAM IP BAS MO	EACH	3.000				
X0327116	SOLAR POWER ASSEMBLY	EACH	1.000				
X0327121	CAMERA POLE 55 FT	EACH	3.000				
X0327423	CONNECT EXIST CULVERT	EACH	5.000				
X0327466	TRAF COUNTER POST GS	EACH	4.000				
X4400110	TEMP PAVT REMOVAL	SQ YD	129,532.000				
X4421000	PARTIAL DEPTH PATCH	TON	127.000				
X4810200	AGGREGATE SHLD REMOVL	CU YD	1,923.000				
X5121800	PERM STEEL SHT PILING	SQ FT	24,711.000				
X5210120	HLMR BRG GUID EXP 250	EACH	8.000				
X5210780	HLMR BRG N-G EXP 250	EACH	12.000				

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X5210850	HLMR BRG N-G EXP 600	EACH	4.000				
X5426018	PRC FLAR DBES 18	EACH	1.000				
X5426030	PRC FLAR DBES 30	EACH	1.000				
X550A562	TEMP SS CL A 2 12	FOOT	489.000				
X550A566	TEMP SS CL A 2 15	FOOT	1,108.000				
X550A570	TEMP SS CL A 2 18	FOOT	1,488.000				
X550A576	TEMP SS CL A 2 24	FOOT	453.000				
**REV X5860110	GRANULAR BACKFILL STR	CU YD	1,145.000				
X6020290	MAN TA 7D SPL F&G	EACH	1.000				
X6020296	MAN TA 8D SPL F&G	EACH	1.000				
X6021065	INLETS TG-1 SPL	EACH	10.000				
X6021824	INL-MN G-1 4D SPL	EACH	4.000				
X6022930	MAN TA 5 DIA SPL F&G	EACH	1.000				
X6028104	TEMP MAN TA 4D T1F OL	EACH	16.000				
X6028404	TEMP INLETS TA T1F OL	EACH	16.000				

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X6029001	JUNCTION BOX N1	L SUM	1.000				
X6029002	JUNCTION BOX N2	L SUM	1.000				
X6029003	JUNCTION BOX N3	L SUM	1.000				
X6050700	REMOVE INLET BOX	EACH	5.000				
X6330725	SPBGR (SHORT RADIUS)	FOOT	50.000				
X6350120	DELINEATOR REMOVAL	EACH	159.000				
X6380200	REL MOD GLAR SCRNSYS	FOOT	32,588.000				
X6700410	ENGR FLD OFF A SPL	CAL MO	32.000				
X6700600	ENGR FIELD LAB SPL	CAL MO	32.000				
X7010216	TRAF CONT & PROT SPL	L SUM	1.000				
X7010240	TR CONT SURVEILL SPL	CAL DA	562.000				
X7200056	TEMP SIGN PANEL ASBLY	SQ FT	3,156.000				
X7200057	TEMP SIGN PAN OVERLAY	SQ FT	528.000				
X7350100	REL OSS-SPAN SPL	EACH	1.000				
X7830068	GRV RCSD PVT LT N SYM	SQ FT	982.000				

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X7830070	GRV RCSD PVT MRKG 5	FOOT	141,981.000				
X7830074	GRV RCSD PVT MRKG 7	FOOT	21,093.000				
X7830076	GRV RCSD PVT MRKG 9	FOOT	22,316.000				
X7830078	GRV RCSD PVT MRKG 13	FOOT	3,034.000				
X7830090	GRV RCSD PVT MRKG 25	FOOT	371.000				
X8110521	CON AT ST 1 SS	FOOT	501.000				
X8110522	CON AT ST 2 SS	FOOT	515.000				
X8110551	CON FLX NON-MET WP1.0	FOOT	60.000				
X8360110	LIGHT POLE FDN SPL	FOOT	260.000				
X8360310	LIGHT POLE FDN 30D SP	FOOT	24.000				
X8410102	TEMP LIGHTING SYSTEM	L SUM	1.000				
X8570226	FAC T4 CAB SPL	EACH	1.000				
X8570231	FAC T5 CAB SPL	EACH	1.000				
X8710030	FIB OPT CBL 48F SM	FOOT	17,729.000				
X8710050	FO ETN DROP REPEAT SW	EACH	13.000				

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X8730810	EC C CONOGA 30003	FOOT	2,000.000				
X8780107	CONC FDN SPL	FOOT	11.000				
Z0001002	GDRL AGG EROS CONT	TON	1,519.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0018600	DRAINAGE STR RECONST	EACH	7.000				
Z0020800	EROSION CONTROL CURB	FOOT	11.000				
Z0022800	FENCE REMOVAL	FOOT	19,217.000				
Z0023600	FILL EXIST CULVERTS	EACH	1.000				
Z0026407	TEMP SHT PILING	SQ FT	7,463.000				
Z0028462	GEOTEX RETAIN WALL	SQ FT	4,144.000				
Z0029999	IMPACT ATTENUATOR REM	EACH	6.000				
Z0030240	IMP ATTN TEMP NRD TL2	EACH	9.000				
Z0030250	IMP ATTN TEMP NRD TL3	EACH	34.000				
Z0030255	IMP ATTN TEMP FRN TL2	EACH	7.000				
Z0030260	IMP ATTN TEMP FRN TL3	EACH	8.000				

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Z0030320	IMP ATTN REL FRD TL2	EACH	1.000				
Z0030330	IMP ATTN REL FRD TL3	EACH	4.000				
Z0030340	IMP ATTN REL NRD TL2	EACH	3.000				
Z0030350	IMP ATTN REL NRD TL3	EACH	27.000				
Z0032400	JOINT REPAIR	EACH	20.000				
Z0033052	COMMUNICATIONS VAULT	EACH	6.000				
Z0033068	TS BATT BACKUP SYSTEM	EACH	2.000				
Z0046304	P UNDR FOR STRUCT 4	FOOT	1,596.000				
Z0048665	RR PROT LIABILITY INS	L SUM	1.000				
**ADD Z0051200	REM & REPL EXPAN JT	FOOT	82.000				
Z0056100	SAND DRAINAGE BLANKET	CU YD	74,619.000				
Z0062456	TEMP PAVEMENT	SQ YD	129,532.000				
Z0065100	SETTLEMENT PLATFORMS	EACH	13.000				
Z0065745	SLOT DR 12" W/2.5" SL	FOOT	325.000				
Z0073002	TEMP SOIL RETEN SYSTM	SQ FT	2,492.000				

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Z0076600	TRAINEES	HOUR	2,000.000		0.800		1,600.000
Z0076604	TRAINEES TPG	HOUR	2,000.000		10.000		20,000.000
20100110	TREE REMOV 6-15	UNIT	2,011.000				
20100210	TREE REMOV OVER 15	UNIT	911.000				
20100500	TREE REMOV ACRES	ACRE	0.500				
20200100	EARTH EXCAVATION	CU YD	468,371.000				
**REV 20400100	BORROW EXCAVATION	CU YD	302,142.000				
20700220	POROUS GRAN EMBANK	CU YD	1,544.000				
20800150	TRENCH BACKFILL	CU YD	6,982.000				
21001000	GEOTECH FAB F/GR STAB	SQ YD	258,244.000				
21101505	TOPSOIL EXC & PLAC	CU YD	196,909.000				
21400100	GRADING & SHAP DITCH	FOOT	2,306.000				
25000210	SEEDING CL 2A	ACRE	27.750				
25000300	SEEDING CL 3	ACRE	27.250				
25000312	SEEDING CL 4A	ACRE	40.750				

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25000322	SEEDING CL 5A	ACRE	68.000				
25000350	SEEDING CL 7	ACRE	191.500				
25000400	NITROGEN FERT NUTR	POUND	4,954.000				
25000500	PHOSPHORUS FERT NUTR	POUND	4,954.000				
25000600	POTASSIUM FERT NUTR	POUND	4,954.000				
25000750	MOWING	ACRE	96.000				
25100115	MULCH METHOD 2	ACRE	191.500				
25100630	EROSION CONTR BLANKET	SQ YD	17,323.000				
28000250	TEMP EROS CONTR SEED	POUND	28,725.000				
28000305	TEMP DITCH CHECKS	FOOT	6,204.000				
28000400	PERIMETER EROS BAR	FOOT	21,686.000				
28000500	INLET & PIPE PROTECT	EACH	234.000				
28100705	STONE DUMP RIP CL A3	SQ YD	2,674.000				
28200200	FILTER FABRIC	SQ YD	2,674.000				
30300108	AGG SUBGRADE IMPR 8	SQ YD	43,512.000				

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30300112	AGG SUBGRADE IMPR 12	SQ YD	267,195.000				
31100300	SUB GRAN MAT A 4	SQ YD	21,088.000				
31100910	SUB GRAN MAT A 12	SQ YD	25,419.000				
31200500	STAB SUBBASE HMA 4	SQ YD	267,195.000				
35300400	PCC BSE CSE 9	SQ YD	76.000				
40600200	BIT MATLS PR CT	TON	526.000				
40600215	P BIT MATLS PR CT	TON	2.300				
40600895	CONSTRUC TEST STRIP	EACH	3.000				
40600982	HMA SURF REM BUTT JT	SQ YD	4,222.000				
40600990	TEMPORARY RAMP	SQ YD	6,505.000				
40603080	HMA BC IL-19.0 N50	TON	1,714.000				
40603335	HMA SC "D" N50	TON	416.000				
40603360	HMA SC "E" N50	TON	708.200				
40702700	FURNISH PROFILOGRAPH	L SUM	1.000				
42000501	PCC PVT 10 JOINTED	SQ YD	27,244.000				

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42000506	PCC PVT 10 1/4 JOINTD	SQ YD	35,903.000				
42001300	PROTECTIVE COAT	SQ YD	286,779.000				
42001420	BR APPR PVT CON (PCC)	SQ YD	4,987.000				
42100320	CONT REINF PCC PVT 11	SQ YD	103,750.000				
42100615	PAVT REINFORCEMENT	SQ YD	103,750.000				
42101090	TRANS TERM JT COMP 24	EACH	2.000				
42101436	LUG SYSTEM COMPL 36	EACH	5.000				
42101447	LUG SYSTEM COMPL 47	EACH	1.000				
44000100	PAVEMENT REM	SQ YD	157,445.000				
44000154	HMA SURF REM 1 1/4	SQ YD	1,263.000				
44000200	DRIVE PAVEMENT REM	SQ YD	470.000				
44000500	COMB CURB GUTTER REM	FOOT	7,451.000				
44003100	MEDIAN REMOVAL	SQ FT	34,533.000				
44004000	PAVED DITCH REMOVAL	FOOT	1,447.000				
44004250	PAVED SHLD REMOVAL	SQ YD	88,002.000				

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44022025	PARTIAL DEPTH REM 2	SQ YD	1,132.000				
44201721	CL D PATCH T3 6	SQ YD	22.000				
44201845	CL D PATCH T4 16	SQ YD	80.000				
48101500	AGGREGATE SHLDS B 6	SQ YD	18,515.000				
48300500	PCC SHOULDERS 10	SQ YD	8,613.000				
48300505	PCC SHOULDERS 10 1/4	SQ YD	29,289.000				
48300600	PCC SHOULDERS 11	SQ YD	68,449.000				
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				
50100700	REM EXIST STRUCT N5	EACH	1.000				
50100800	REM EXIST STRUCT N6	EACH	1.000				
50100900	REM EXIST STRUCT N7	EACH	1.000				
50102400	CONC REM	CU YD	149.700				

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50104400	CONC HDWL REM	EACH	29.000				
50105220	PIPE CULVERT REMOV	FOOT	3,142.000				
50157300	PROTECTIVE SHIELD	SQ YD	870.000				
**REV 50200100	STRUCTURE EXCAVATION	CU YD	3,993.000				
**REV 50300225	CONC STRUCT	CU YD	2,217.700				
50300255	CONC SUP-STR	CU YD	3,460.300				
50300260	BR DECK GROOVING	SQ YD	9,451.000				
50300285	FORM LINER TEX SURF	SQ FT	8,943.000				
50300300	PROTECTIVE COAT	SQ YD	11,806.000				
50500105	F & E STRUCT STEEL	L SUM	1.000				
50500405	F & E STRUCT STEEL	POUND	4,010.000				
50500505	STUD SHEAR CONNECTORS	EACH	29,134.000				
**REV 50800205	REINF BARS, EPOXY CTD	POUND	1,043,810.000				
50800515	BAR SPLICERS	EACH	4,856.000				
50800530	MECHANICAL SPLICERS	EACH	348.000				

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51100100	SLOPE WALL 4	SQ YD	2,191.000				
51200957	FUR M S PILE 12X0.250	FOOT	5,134.000				
**REV 51201600	FUR STL PILE HP12X53	FOOT	2,159.000				
**ADD 51201700	FUR STL PILE HP12X74	FOOT	4,118.000				
51201900	FUR STL PILE HP14X89	FOOT	8,327.000				
51202305	DRIVING PILES	FOOT	19,738.000				
51203200	TEST PILE MET SHELLS	EACH	2.000				
**REV 51203600	TEST PILE ST HP12X53	EACH	2.000				
**ADD 51203700	TEST PILE ST HP12X74	EACH	2.000				
51203900	TEST PILE ST HP14X89	EACH	2.000				
51204650	PILE SHOES	EACH	138.000				
51500100	NAME PLATES	EACH	4.000				
52000110	PREF JT STRIP SEAL	FOOT	588.000				
52100520	ANCHOR BOLTS 1	EACH	96.000				
52100530	ANCHOR BOLTS 1 1/4	EACH	20.000				

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52100540	ANCHOR BOLTS 1 1/2	EACH	148.000				
54210182	PIPE ELBOW 12	EACH	6.000				
54213657	PRC FLAR END SEC 12	EACH	1.000				
54213660	PRC FLAR END SEC 15	EACH	8.000				
54213663	PRC FLAR END SEC 18	EACH	6.000				
54213669	PRC FLAR END SEC 24	EACH	8.000				
54213675	PRC FLAR END SEC 30	EACH	3.000				
54213681	PRC FLAR END SEC 36	EACH	13.000				
54213687	PRC FLAR END SEC 42	EACH	1.000				
54215424	CIP RC END SEC 24	EACH	2.000				
54215430	CIP RC END SEC 30	EACH	2.000				
54215436	CIP RC END SEC 36	EACH	3.000				
54215547	MET END SEC 12	EACH	3.000				
54245405	INLET BOX 542506	EACH	2.000				
54247090	GRATING-C FL END S 12	EACH	1.000				

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54247100	GRATING-C FL END S 15	EACH	8.000				
54247110	GRATING-C FL END S 18	EACH	6.000				
54247130	GRATING-C FL END S 24	EACH	8.000				
54247150	GRATING-C FL END S 30	EACH	3.000				
54247170	GRATING-C FL END S 36	EACH	13.000				
54247180	GRATING-C FL END S 42	EACH	1.000				
54248510	CONCRETE COLLAR	CU YD	3.000				
550A0070	STORM SEW CL A 1 15	FOOT	1,800.000				
550A0090	STORM SEW CL A 1 18	FOOT	1,787.000				
550A0110	STORM SEW CL A 1 21	FOOT	393.000				
550A0120	STORM SEW CL A 1 24	FOOT	422.000				
550A0160	STORM SEW CL A 1 36	FOOT	309.000				
550A0180	STORM SEW CL A 1 42	FOOT	31.000				
550A0340	STORM SEW CL A 2 12	FOOT	304.000				
550A0360	STORM SEW CL A 2 15	FOOT	2,276.000				

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550A0380	STORM SEW CL A 2 18	FOOT	3,707.000				
550A0400	STORM SEW CL A 2 21	FOOT	487.000				
550A0410	STORM SEW CL A 2 24	FOOT	1,014.000				
550A0430	STORM SEW CL A 2 30	FOOT	1,685.000				
550A0450	STORM SEW CL A 2 36	FOOT	1,628.000				
550A0470	STORM SEW CL A 2 42	FOOT	743.000				
550A0680	STORM SEW CL A 3 18	FOOT	16.000				
550A0710	STORM SEW CL A 3 24	FOOT	26.000				
550A0730	STORM SEW CL A 3 30	FOOT	90.000				
550A0750	STORM SEW CL A 3 36	FOOT	1,540.000				
550A0770	STORM SEW CL A 3 42	FOOT	706.000				
550A0960	STORM SEW CL A 4 15	FOOT	44.000				
550A0980	STORM SEW CL A 4 18	FOOT	64.000				
55100500	STORM SEWER REM 12	FOOT	511.000				
55100700	STORM SEWER REM 15	FOOT	1,127.000				

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55100900	STORM SEWER REM 18	FOOT	60.000				
55101200	STORM SEWER REM 24	FOOT	1,117.000				
55101400	STORM SEWER REM 30	FOOT	101.000				
55101600	STORM SEWER REM 36	FOOT	297.000				
55101900	STORM SEWER REM 48	FOOT	200.000				
55200400	STORM SEWERS JKD 15	FOOT	66.000				
55200600	STORM SEWERS JKD 18	FOOT	173.000				
55201100	STORM SEWERS JKD 30	FOOT	310.000				
55201300	STORM SEWERS JKD 36	FOOT	269.000				
58700300	CONCRETE SEALER	SQ FT	16,084.000				
59100100	GEOCOMPOSITE WALL DR	SQ YD	951.000				
60100060	CONC HDWL FOR P DRAIN	EACH	97.000				
60100925	PIPE DRAINS 8	FOOT	15.000				
60100935	PIPE DRAINS 10	FOOT	15.000				
60105000	PIPE DRAINS CS/AA 12	FOOT	309.000				

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60107600	PIPE UNDERDRAINS 4	FOOT	53,339.000				
60107700	PIPE UNDERDRAINS 6	FOOT	32,019.000				
60108100	PIPE UNDERDRAIN 4 SP	FOOT	3,113.000				
60108200	PIPE UNDERDRAIN 6 SP	FOOT	1,021.000				
60207605	CB TC T8G	EACH	2.000				
60218400	MAN TA 4 DIA T1F CL	EACH	17.000				
60219510	MAN TA 4 DIA T20F&G	EACH	1.000				
60221100	MAN TA 5 DIA T1F CL	EACH	3.000				
60221700	MAN TA 5 DIA T8G	EACH	1.000				
60223700	MAN TA 6 DIA T1F OL	EACH	4.000				
60223800	MAN TA 6 DIA T1F CL	EACH	7.000				
60224005	MAN TA 6 DIA T8G	EACH	1.000				
60224445	MAN TA 7 DIA T1F OL	EACH	1.000				
60224446	MAN TA 7 DIA T1F CL	EACH	1.000				
60234200	INLETS TA T1F OL	EACH	1.000				

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60236200	INLETS TA T8G	EACH	1.000				
60237420	INLETS TA T20F&G	EACH	2.000				
60257900	MAN RECONST	EACH	3.000				
60270050	DR STR T4 W/2 T20F&G	EACH	56.000				
60500040	REMOV MANHOLES	EACH	5.000				
60500050	REMOV CATCH BAS	EACH	9.000				
60500060	REMOV INLETS	EACH	30.000				
60603500	COMB CC&G TB6.06	FOOT	76.000				
60603800	COMB CC&G TB6.12	FOOT	22.000				
60604400	COMB CC&G TB6.18	FOOT	39.000				
60605000	COMB CC&G TB6.24	FOOT	5,757.000				
60618300	CONC MEDIAN SURF 4	SQ FT	22,041.000				
60619600	CONC MED TSB6.12	SQ FT	191.000				
60620000	CONC MED TSB6.24	SQ FT	3,963.000				
60624600	CORRUGATED MED	SQ FT	6,299.000				

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60900515	CONC THRUST BLOCKS	EACH	3.000				
61000225	TY F INLET BOX 610001	EACH	1.000				
61100500	EXPLOR TRENCH 52	FOOT	1,100.000				
61101007	STORM SEW PROT A 6	FOOT	660.000				
61101009	STORM SEW PROT A 8	FOOT	1,355.000				
61101011	STORM SEW PROT A 10	FOOT	1,813.000				
61101013	STORM SEW PROT A 12	FOOT	110.000				
61133100	FLD TILE JUN VAULT 2D	EACH	11.000				
61139900	STORM SEWER SPEC 6	FOOT	525.000				
61140000	STORM SEWER SPEC 8	FOOT	2,298.000				
63000001	SPBGR TY A 6FT POSTS	FOOT	6,278.000				
63100045	TRAF BAR TERM T2	EACH	13.000				
63100070	TRAF BAR TERM T5	EACH	4.000				
63100085	TRAF BAR TERM T6	EACH	7.000				
63100167	TR BAR TRM T1 SPL TAN	EACH	16.000				

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63200310	GUARDRAIL REMOV	FOOT	20,776.000				
63200400	CABLE ROAD GD REM	FOOT	9,839.000				
63301210	REM RE-E SPBGR TY A	FOOT	37.500				
63301990	REM RE-E T B TERM T1	EACH	2.000				
63500105	DELINEATORS	EACH	449.000				
63700175	CONC BAR 1F 42HT	FOOT	1,127.000				
63700275	CONC BAR 2F 42HT	FOOT	1,216.000				
63700285	CONC BAR 2F 48HT	FOOT	10,792.000				
63700805	CONC BAR TRANS	FOOT	137.000				
63700900	CONC BARRIER BASE	FOOT	13,135.000				
63801200	MOD GLARE SCRNS SYS	FOOT	22,657.000				
64200116	SHOULDER RUM STRIP 16	FOOT	56,891.000				
64300260	IMP ATTEN FRD NAR TL3	EACH	2.000				
64300370	IMP ATTEN FRD WID TL3	EACH	3.000				
64300450	IMP ATTEN NRD TL3	EACH	2.000				

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64301090	ATTENUATOR BASE	SQ YD	236.000				
66400105	CH LK FENCE 4	FOOT	17,903.000				
66600105	FUR ERECT ROW MARKERS	EACH	100.000				
66700205	PERM SURV MKRS T1	EACH	22.000				
66700305	PERM SURV MKRS T2	EACH	9.000				
67100100	MOBILIZATION	L SUM	1.000				
70106800	CHANGEABLE MESSAGE SN	CAL MO	385.500				
70200100	NIGHT WORK ZONE LIGHT	L SUM	1.000				
70300100	SHORT TERM PAVT MKING	FOOT	50,883.000				
70300510	PAVT MARK TAPE T3 L&S	SQ FT	1,392.000				
70300520	PAVT MARK TAPE T3 4	FOOT	604,485.000				
70300550	PAVT MARK TAPE T3 8	FOOT	51,510.000				
70300560	PAVT MARK TAPE T3 12	FOOT	26,822.000				
70300570	PAVT MARK TAPE T3 24	FOOT	1,251.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	341,170.000				

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70400100	TEMP CONC BARRIER	FOOT	60,837.500				
70400200	REL TEMP CONC BARRIER	FOOT	122,450.000				
72000100	SIGN PANEL T1	SQ FT	125.000				
72000200	SIGN PANEL T2	SQ FT	344.000				
72000300	SIGN PANEL T3	SQ FT	7,231.000				
72400100	REMOV SIN PAN ASSY TA	EACH	20.000				
72400200	REMOV SIN PAN ASSY TB	EACH	30.000				
72400310	REMOV SIGN PANEL T1	SQ FT	22.000				
72400330	REMOV SIGN PANEL T3	SQ FT	137.000				
72600100	MILEPOST MKR ASSEMBLY	EACH	8.000				
72700100	STR STL SIN SUP BA	POUND	42,492.000				
72800100	TELES STL SIN SUPPORT	FOOT	38.000				
73000100	WOOD SIN SUPPORT	FOOT	682.000				
73100100	BASE TEL STL SIN SUPP	EACH	4.000				
73300100	OVHD SIN STR-SPAN T1A	FOOT	204.000				

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73300200	OVHD SIN STR-SPAN T2A	FOOT	155.000				
73300300	OVHD SIN STR-SPAN T3A	FOOT	152.000				
73301810	OSS WALKWAY TY A	FOOT	343.000				
73302110	OSS CANT 1CA 2-0X4-6	FOOT	24.000				
73302210	OSS CANT 3CA 3-0X7-0	FOOT	32.000				
73400100	CONC FOUNDATION	CU YD	85.500				
73400200	DRILL SHAFT CONC FDN	CU YD	214.900				
73600100	REMOV OH SIN STR-SPAN	EACH	6.000				
73600200	REMOV OH SIN STR-CANT	EACH	1.000				
73602000	REM OVHD SN STR-BR MT	EACH	1.000				
73700100	REM GR MT SIN SUPPORT	EACH	59.000				
73700200	REM CONC FDN-GR MT	EACH	59.000				
73700300	REM CONC FDN-OVHD	EACH	13.000				
78003130	PREF PL PM TB LINE 6	FOOT	21,093.000				
78003140	PREF PL PM TB LINE 8	FOOT	1,693.000				

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78008310	POLYUREA PM T2 LN 4	FOOT	299,689.000				
78008340	POLYUREA PM T2 LN 8	FOOT	24,730.000				
78008350	POLYUREA PM T2 LN 12	FOOT	9,180.000				
78009000	MOD URETH PM LTR-SYM	SQ FT	1,002.000				
78009004	MOD URETH PM LINE 4	FOOT	144,345.000				
78009008	MOD URETH PM LINE 8	FOOT	22,174.000				
78009012	MOD URETH PM LINE 12	FOOT	3,252.000				
78009024	MOD URETH PM LINE 24	FOOT	371.000				
78100100	RAISED REFL PAVT MKR	EACH	3,273.000				
78100105	RAISED REF PVT MKR BR	EACH	67.000				
78200100	MONODIR PRIS BAR REFL	EACH	119.000				
78200300	PRISMATIC CURB REFL	EACH	173.000				
78200410	GUARDRAIL MKR TYPE A	EACH	84.000				
78201000	TERMINAL MARKER - DA	EACH	16.000				
78300100	PAVT MARKING REMOVAL	SQ FT	38,525.000				

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80400100	ELECT SERV INSTALL	EACH	4.000				
80500200	SERV INSTALL TY B	EACH	2.000				
81028340	UNDRGRD C PVC 1 1/2	FOOT	45,711.000				
81028350	UNDRGRD C PVC 2	FOOT	22,358.000				
81028370	UNDRGRD C PVC 3	FOOT	430.000				
81028380	UNDRGRD C PVC 3 1/2	FOOT	433.000				
81028400	UNDRGRD C PVC 5	FOOT	290.000				
81028730	UNDRGRD C CNC 1 1/4	FOOT	250.000				
81028770	UNDRGRD C CNC 3	FOOT	300.000				
81200230	CON EMB STR 2 PVC	FOOT	15,989.000				
81300555	JUN BX SS AS 12X12X8	EACH	24.000				
81304035	JUN BOX EM S 8X24X10	EACH	6.000				
81400200	HD HANDHOLE	EACH	24.000				
81400700	HANDHOLE PCC	EACH	15.000				
81400710	HD HANDHOLE PCC	EACH	1.000				

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81400720	DBL HANDHOLE PCC	EACH	2.000				
81603010	UD 2#10#10GXLPUSE 3/4	FOOT	262.000				
81603032	UD 2#4#6G XLPUSE 1.25	FOOT	17,041.000				
81603070	UD 2#2#4GXLPUSE 1 1/4	FOOT	10,425.000				
81603095	UD 4#2#4GXLPUSE 1 1/2	FOOT	1,193.000				
81603100	UD 4#6#6GXLPUSE 1 1/4	FOOT	145.000				
81603110	UD 4#4#6GXLPUSE 1 1/2	FOOT	2,221.000				
81702110	EC C XLP USE 1C 10	FOOT	1,815.000				
81702120	EC C XLP USE 1C 8	FOOT	4,258.000				
81702130	EC C XLP USE 1C 6	FOOT	30,930.000				
81702140	EC C XLP USE 1C 4	FOOT	24,939.000				
81702150	EC C XLP USE 1C 2	FOOT	1,124.000				
81702180	EC C XLP USE 1C 3/0	FOOT	855.000				
82102250	LUM SV HOR MT 250W	EACH	123.000				
82102400	LUM SV HOR MT 400W	EACH	138.000				

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82107200	UNDERPAS LUM 100W HPS	EACH	8.000				
82500380	LT CONT BASEM 480V200	EACH	3.000				
83060345	LT P GS 40MH 12MA-TW	EACH	11.000				
83060350	LT P GS 40MH 15MA	EACH	101.000				
83060543	LT P GS 50MH 12MA-TW	EACH	48.000				
83060550	LT P GS 50MH 15MA	EACH	39.000				
83600300	LIGHT POLE FDN 30D	FOOT	867.000				
83800205	BKWY DEV TR B 15BC	EACH	138.000				
84200600	REM LT U NO SALV	EACH	38.000				
84200804	REM POLE FDN	EACH	38.000				
84500110	REMOV LIGHTING CONTR	EACH	2.000				
84500120	REMOV ELECT SERV INST	EACH	2.000				
84500130	REMOV LTG CONTR FDN	EACH	2.000				
86300300	CONT CAB TYPE III	EACH	1.000				
87100020	FOCC62.5/125 MM12SM12	FOOT	5,342.000				

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87301245	ELCBL C SIGNAL 14 5C	FOOT	2,566.000				
87301255	ELCBL C SIGNAL 14 7C	FOOT	893.000				
87301515	ELCBL C LEAD 18 3PR	FOOT	2,627.000				
87301732	ELCBL C COMM 20 3C	FOOT	913.000				
87502490	TS POST GALVS 15	EACH	5.000				
87700400	S MAA & P 60	EACH	1.000				
87702218	S MAA & P DMA 20 & 36	EACH	1.000				
87702960	STL COMB MAA&P 46	EACH	1.000				
87704519	S C MAA&P DMA 48 & 36	EACH	1.000				
87800100	CONC FDN TY A	FOOT	15.000				
87800200	CONC FDN TY D	FOOT	7.000				
87800215	CONC FDN TY D	EACH	1.000				
87800400	CONC FDN TY E 30D	FOOT	20.000				
87800415	CONC FDN TY E 36D	FOOT	99.000				
87800420	CONC FDN TY E 42D	FOOT	21.000				

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87900200	DRILL EX HANDHOLE	EACH	6.000				
88030020	SH LED 1F 3S MAM	EACH	12.000				
88030050	SH LED 1F 3S BM	EACH	5.000				
88030070	SH LED 1F 4S BM	EACH	3.000				
88030100	SH LED 1F 5S BM	EACH	2.000				
88200310	TS BACKPLATE LOU PLAS	EACH	19.000				
88500100	INDUCTIVE LOOP DETECT	EACH	15.000				
88600100	DET LOOP T1	FOOT	2,644.000				
88700200	LIGHT DETECTOR	EACH	4.000				
88700300	LIGHT DETECTOR AMP	EACH	2.000				
89000100	TEMP TR SIG INSTALL	EACH	2.000				
89501250	RELOC EX TS EQUIP	EACH	1.000				

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Added 10/25/2012

BORROW SITE

Revised October 15, 2012

Description. State of Illinois property located at the Southeast Quarter of Section 7 and Southwest Quarter of Section 8, T25N R4W 3PM in Groveland Township, Tazewell County is made available to the Contractor, at their option, to use as a Borrow Site. The site is located adjacent to I-474 at approximate Mile Marker 10 from Eastbound Station 17+071± to Station 17+997±. Access to and from the site is gained from Eastbound I-474 at an existing aggregate entrance located at the outside edge of shoulder at Station 18+082±.

The borrow material at the site is being provided free of charge to the Contractor for use exclusively for this project.

General Requirements. The use of the site by the Contractor shall conform to the applicable articles of Section 204 of the Standard Specifications. Special attention is given to Article 204.02 of the Standard Specifications. The first sentence of Article 204.02 and paragraphs 2 and 6 of Article 204.02 shall not apply for this site. The final general topography of the site shall not change the general drainage pattern of the existing drainage and be maintained at the close of the site as was existing prior to its use. It shall not be the intent to create a pond, lake, or depression(s) at the site at the close of the project.

It shall be the Contractors responsibility to submit a topographic map to the Engineer for approval no later than 30 calendar days after award of the contract. The topographic map shall show the existing and proposed final conditions of the entire site. The topographic map shall be drawn at a minimum horizontal scale of 1" = 250' with 1-foot contour intervals indicated.

Site Preparation

Prior to beginning excavation, the existing topsoil shall be excavated and stockpiled at a location(s) on site as approved by the Engineer. The topsoil shall be used for placement on the finished grade of the site.

Special attention is called to Article 204.04 for clearing prior to excavation and Article 204.05 for excavation of the site.

Traffic Control and Protection

The traffic control and protection on I-474 to and from the site shall be in accordance with the applicable Articles of Section 701 of the Standard Specifications. Special attention is called to Articles 701.08 and 701.11 of the Standard Specifications. Highway Standards 701400-05 and 701401-06 shall apply.

The site shall be closed to access for construction vehicles during winter shutdown. Traffic control items shall be removed from the roadway during winter shutdown. All existing travel lanes shall be open during winter shutdown.

The Contractor shall be responsible for keeping the pavement adjacent to the entrance and access areas free from dirt and debris in accordance with Article 107.15 of the Standard Specifications.

Erosion Control

The Contractor shall develop an erosion control plan for the site. This plan will be subject to approval by the Engineer and will become part of the Storm Water Pollution Prevention Plan, subject to NPDES requirements.

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Any erosion control items required at the site that are needed to comply with the Storm Water Pollution Prevention Plan shall be included in the cost of the contract.

The Contractor shall be responsible for controlling the dust and airborne dirt generated at the site in accordance with Article 107.36 of the Standard Specifications.

Roadway

The existing traffic lane(s) and shoulder on I-474 used by the Contractor's construction equipment, haul trucks and vehicles for ingress and egress to the borrow site shall remain stable and structurally sound both during the operation of the borrow site and upon closure and abandonment of the borrow site. Any deterioration of the I-474 roadway and/or shoulder deemed unstable by the Engineer shall be repaired or replaced by the Contractor immediately upon notification by the Engineer. The repair or replacement shall be completed in accordance with the applicable portions of Section 300 and Section 400 of the Standard Specifications and to the satisfaction of the Engineer.

Site Restoration

The site shall be dismantled and restored to proposed final grade and vegetated condition immediately upon completion of the project in accordance with the applicable sections of Articles 204.02 and 204.05 of the Standard Specifications. The site shall be graded to the satisfaction of the Engineer prior to, and after final topsoil placement.

Excess embankment and/or topsoil material available at the completion of the project shall become the property of the state and shall be transported to the borrow site by the Contractor, placed, graded and seeded in accordance with the site restoration directive shown above and as directed by the Engineer.

Soil Information

Subsurface soil information for the borrow site is made available to the Contractor to view prior to and after award of the contract. Information in the form of soil borings and a soil report of the adjacent FAI Route 474 project is made available for the Contractor to view at the District Four Headquarters in downtown Peoria. The Contractor should contact the District Materials Section at (309) 671-3671 to make an appointment to view the information.

After award of this contract, if the site is going to be used for borrow material for the project, further testing of the soil will need to be completed to determine the soil properties. A backhoe shall be furnished by the Contractor to be used to gather soil samples for testing by the district.

Method Of Measurement. This work shall not be measured for payment.

Basis Of Payment. All labor, material and equipment required to establish, maintain, excavate and restore the borrow site, roadway, shoulder, and provide traffic control at the site will not be paid for separately but shall be included in the cost of the contract.

Revised 10/25/2012

REMOVAL AND SETTING OF BRIDGE BEAMS AND OVERHEAD SIGN STRUCTURES

Revised October 22, 2012

The removal, delivery and erection of bridge beams for all structures and overhead sign trusses and sign structures on the project shall be limited to the hours of 8:30 PM to 5:30 AM on weekdays or weekends beginning at 8:30 PM Friday and extending to 5:30 AM on Monday or as specified by the Engineer.

The Contractor may temporarily stop traffic on I-74, Jackson Street and the adjacent bicycle path for a maximum of 20 minutes at a time to remove or set the beams. The Engineer shall be notified a minimum of 7 calendar days prior to work operations that will stop traffic. See commitments to the Morton Park District for restrictions on bicycle path detour or closure.

Any expenses incurred by the Contractor in order to comply with this special provision will not be paid for separately, but shall be included in the contract price.

VERTICAL CLEARANCE

The Contractor shall maintain, at a minimum, the existing vertical clearances at all structures crossing over I-74 and I-155 at all times during construction of the project. It shall be the Contractor's responsibility to determine the existing vertical clearances prior to the start of any construction operation that may impact the structures and provide for the proper clearance beneath each structure. The Contractor shall provide the clearance measurements to the Engineer no later than seven (7) calendar days prior to the start of any construction activity that will involve any structure.

Any expenses incurred by the Contractor in order to comply with this special provision will not be paid for separately, but shall be included in the contract price.

PROSECUTION OF WORK

In order to assure the timely completion of the work involved in this project, it may be necessary for the Contractor to work extended work hours. Any expenses incurred by the Contractor in order to comply with this special provision will not be paid for separately, but shall be included in the contract price.

COORDINATION MEETINGS

The Contractor will be required to participate in weekly coordination meetings with Department staff and other attendees deemed appropriate by the Department. This coordination will not be paid for separately but will be included in the cost of the contract.

Revised 10/25/2012

Basis of Payment: This work shall be paid for at the contract unit price per Each for SETTLEMENT PLATFORMS, which price shall include all labor, equipment, and materials necessary to install, maintain, and partially remove and cap the settlement platforms. Additional settlement platforms requested by the Engineer to aid in the determination of settlement rate and amount shall be paid at the contract unit price per Each for SETTLEMENT PLATFORMS. If the Contractor requests a credit for the placement of additional embankment due to settlement during construction, the Engineer may require additional settlement platforms be installed for quantity determination. Settlement platforms installed for quantity determination shall not be paid for separately but shall be considered included in the cost of FURNISHED EXCAVATION.

WICK DRAINS

Revised October 22, 2012

Description: This work shall consist of all labor, materials, equipment and services necessary to complete the wick drain installation according to the details and dimensions shown on the plans, this specification, and as directed by the Engineer.

Submittals:

- A. Within two weeks of the preconstruction meeting, the Contractor shall submit to the Engineer the following for review:
 1. Details of the equipment, sequence, and method of installation.
 2. Wick Drain samples indicating the source of the materials.
 3. List of a minimum of three projects of similar size and scope, where the same type of wick drains were installed, including details of the performance on those projects.
 4. Manufacturer's literature documenting the physical and mechanical properties of the wick drains recommended, including a letter of certification from the manufacturer documenting test results showing the required wick drain materials are in accordance with this specification.
- B. Four weeks prior to installation, the Contractor shall submit the wick drain detailed drawings to the Engineer for review. The detailed plans shall indicate the wick drain layout and spacing, within the limits as shown on the plans and tied to the roadway alignment baseline. Top and bottom elevations of the wick drains shall also be listed on the plan.
- C. At the end of each working day, the Contractor shall supply a daily summary of the wick drain installation. The summary shall include the drain type, locations, and quantity, (i.e. length to the nearest 4 inches). In addition, the documentation shall include any field adjustments/decisions/approvals, and splicing information at each location.

Revised 10/25/2012

Materials:

The material for the wick drains shall be Amerdrain 407 or equal, as approved by the Engineer.

- A. The materials used for construction of the wick drains shall satisfy the following requirements:
1. Wick drains shall be of newly-manufactured materials and shall consist of a core enclosed in, or integrated with, a jacket. The jacket shall allow free passage of pore water to the core without loss of soil material or piping. The core shall provide continuous vertical draining
 2. The wick drains shall be a pre-fabricated band-shaped drain with an aspect ratio (width divided by thickness) not exceeding 50.
 3. The jacket material shall be a synthetic non-woven geotextile capable of resisting all bending, punching, and tensile forces imposed during installation and during the design life of the wick drain, including localized damage (e.g. punching through the filter by sand/gravel particles).
 4. The jacket shall be sufficiently rigid to withstand lateral earth pressures due to embedment and surcharge so that the vertical flow capacity through the core will not be adversely affected.
 5. The jacket shall be sufficiently flexible to bend smoothly during installation and induced consolidation settlement without damage.
 6. The jacket shall not undergo cracking and peeling during installation of the wick drain.
 7. The jacket shall conform to the following additional criteria:

TEST PROPERTY	TEST METHOD	MINIMUM VALUE*
GRAB TENSILE STRENGTH	ASTM D4632	80 LBS.
TRAPEZOIDAL TEAR	ASTM D4533	25 LBS.
PUNCTURE STRENGTH	ASTM D4833	50 LBS.
MULLEN BURST STRENGTH	ASTM D3786	130 PSI

* The jacket material shall be tested in saturated and dry conditions. These requirements apply to the lower of the two tested conditions.

These criteria must be demonstrated by manufacturer's test results and a letter of certification, as requested under the **submittals** section above.

The core shall be a continuous plastic material fabricated to promote drainage along the axis of the vertical wick drain.

Assembly:

- A. The mechanical properties (strength and modulus) of the assembled wick drain shall be equal or exceed those specified for the jacket and core.

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- B. The assembled wick drain shall be resistant against wet rot, mildew, bacterial action, insects, salts in the groundwater, acids, alkalis, solvents, and any other significant ingredients in the site groundwater.
- C. One single type of assembled wick drain should be used on the project unless otherwise directed by the Engineer.
- D. The assembled wick drain shall have a minimum equivalent diameter of 2.1 inches using the following definition of equivalent diameter:

$$DW = (A + B)/2$$

DW = DIAMETER OF A CIRCULAR DRAIN EQUIVALENT TO THE BAND SHAPED DRAIN

A = WIDTH OF A BAND SHAPED DRAIN

B = THICKNESS OF A BAND SHAPED DRAIN

Protection of Materials: During shipment and on-site storage, the wick drain shall be wrapped in heavy paper, burlap, or similar protective covering and protected from sunlight, mud, dirt, dust, debris, or other detrimental substances until installation.

Installation: Wick drains shall be installed with approved modern equipment, which will minimize disturbance of the subsoil during installation. The wick installation rig shall utilize either vibratory or static push methods. Installation shall be in accordance with the following procedure:

- A. Wick drains shall be staked out by the Contractor. The locations of the wick drains shall not vary by more than 6-inches from the locations on the drawings, as specified, or as directed by the Engineer. Wick drains that are out of their proper location by more than 6 inches, are damaged during installation, or are improperly completed, will be abandoned in-place and no compensation will be allowed for any material furnished or for work performed on such wick drains.
- B. The Engineer may vary the depths, spacing, or the number of wick drains to be installed, and may revise the plan limits for this work, as necessary.
- C. The drainage wick shall be installed using a mandrel or sleeve that is continuously vibrated or statically pushed into the soil. The sleeve shall protect the wick material from tears, cuts, or abrasion during installation, and shall be retracted after each drainage wick is installed. The sleeve shall be rhombic or rectangular in shape, and of a cross-sectional area not to exceed 10 square inches. To minimize disturbance to the subsoil, the sleeve shall not be advanced into the subsoil using impact methods. In no case will alternate raising and lowering of the mandrel be permitted. Raising of the mandrel will only be permitted after completion of a wick drain installation. The equipment must be carefully checked for plumpness prior to advancing each wick, and must not deviate more than one inch per five feet from vertical.

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- D. Wick drains shall completely penetrate the compressible soft to stiff clay overburden at the site.
- E. The Contractor is permitted to use augering or other methods to loosen stiff upper fill soils, such as existing pavement fragments or granular sub-bases, prior to wick drain installation. No additional compensation will be made for augering or loosening of the existing fill soils.
- F. Where obstructions other than existing pavement fragments or existing granular sub-bases are encountered below the working surface, which cannot easily be removed or penetrated using normal and accepted procedures, the Contractor shall complete the wick drain from the elevation of the obstruction to the working surface and notify the Engineer immediately.
- G. Splices or connections of wick drain material shall be done by stapling in a workman-like manner so as to assure structural and hydraulic continuity of the wick drain. The jacket and core shall be overlapped a minimum of 6-inches at any splice. A maximum of one splice per drain installed will be permitted, unless otherwise directed by the Engineer.
- H. The installed wick drains shall be neatly cut at its upper end at the working surface at each drain location.

Quality Assurance:

- A. Prior to the installation of wick drains within the designated areas, the Contractor shall demonstrate his equipment, methods, and materials, to produce a satisfactory installation in accordance with these specifications. For this purpose, the Contractor shall install 6 trial wick drains totaling approximately 170 linear feet at locations designated by the Engineer. Payment will be made at the bid price per linear foot for wick drains. Payment will not be made for unsatisfactory trial wick drains.
- B. Approval by the Engineer of the method and equipment to install the trial wicks shall not necessarily constitute acceptance of the means and methods for the remainder of the project. If, at any time, the Engineer considers that the method of installation does not produce a satisfactory wick, the Contractor shall alter his method and/or equipment as necessary to comply with these specifications.
- C. Wick drain materials shall be labeled or tagged in such a manner that the information for sample identification and other quality control purposes can be read. As a minimum, each roll shall be identified by the manufacturer as to lot or control numbers, individual roll number, date of manufacture, manufacturer and product identification of the jacket and core.
- D. The Contractor shall provide the Engineer with suitable means of making a linear determination of the quantity of wick material used in each wick location. During installation, the Contractor shall provide suitable means of determining the depths of the wick drains at any given time.

Measurement of Quantities: Wick drains will be measured for payment in feet in-place for the full length of wick drain complete and in-place. Wick drains that are out of the proper location by more than 6 inches, or wick drains that are damaged in construction, or wick drains that are improperly completed will not be measured for payment, and no compensation will be allowed for any material furnished, or for work performed on such wick drains.

Revised 10/25/2012

Basis of Payment: This work will be paid for at the contract unit price per Foot for WICK DRAINS. The prices shall be full compensation for the cost of furnishing the full length of wick drain material, installing the wick drains, altering of the equipment and methods of installation in order to produce the required end result and shall also include the cost of furnishing all tools, materials, labor, equipment, services and all other costs necessary to complete the required work.

No direct payment will be made for unacceptable wick drains or for any delays or expenses incurred through change necessitated by improper or unacceptable material or equipment, but the costs of such shall be included in the Unit Prices bid for this work. No additional compensation will be allowed for the cost of constructing any work platform to provide stability for the wick drain installation equipment and to allow movement of the wick drain installation equipment across the site.

SAND DRAINAGE BLANKET

Revised October 22, 2012

The work of this item consists of furnishing all materials and equipment necessary for the construction of a sand drainage blanket to form a horizontal drainage layer between the proposed embankment and the existing or prepared ground surface after installation of the wick drains is completed.

Materials: The sand for the drainage blanket shall conform to Section 1003 of the Standard Specifications. The gradation shall be FA 1 Class A quality, except that the percentage passing the No. 200 sieve shall be a maximum of 6 percent.

The non-woven geotechnical fabric to contain the sand layer shall conform to Section 1080 of the Standard Specifications.

The crushed stone and or crushed gravel of the gradation specified shall conform to Section 1004 of the Standard Specifications.

Construction Requirements: The sand drainage blanket shall be constructed to the thickness and within the lines and grades shown on the plans. Sand may be placed by end dumping or other approved method, and spread uniformly over the site to the neat lines shown on the plans. The working edge of the sand blanket should be maintained out in front of any dozing or blading equipment during placement so as to not disturb the integrity of the protruding wick drains. At no time should grading equipment be traversing the working surface of protruding wick drains, prior to sand drainage blanket installation.

The sand shall be compacted to a minimum of 70 percent of the relative density (ASTM D4253 and D4254) in order to provide a stable base for embankment.

Prior to placement of the embankment, the sand drainage blanket shall be reshaped if necessary to conform to the lines shown on the plans.

The edge of the sand blanket at the toe of the slope shall be stabilized with a geotechnical fabric and course aggregate as shown on the plans.

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Method of Measurement: The sand drainage blanket will be measured as cubic yards of sand placed and no allowance will be made for any sand placed outside the lines specified herein or as directed by the Engineer.

Basis of Payment: The sand drainage blanket will be paid for at the contract unit price per Cubic Yard of SAND DRAINAGE BLANKET. No additional payment will be made for additional sand blanket placed because of settlement.

TEMPORARY PAVEMENT SUBGRADE

This work shall consist of preparing the completed or existing earthwork subgrade prior to constructing the temporary pavement.

This work shall be completed for all temporary pavement locations with the exceptions of the temporary pavement to be used for the Temporary I-74 Runaround pavement, the Temporary I-155 Ramp F pavement, and the temporary intersection pavement placed between Morton Avenue and Morton Avenue Ramp E.

This work shall conform to the applicable articles of Section 301 of the Standard Specifications and as approved by the Engineer.

This work shall not be measured or paid for separately, but shall be included in the cost of the temporary pavement pay item.

AGGREGATE SUBGRADE IMPROVEMENT 8"

This work shall consist of providing all material equipment and labor to place subgrade material beneath the temporary pavement on the Temporary I-74 Runaround pavement, the Temporary I-155 Ramp F pavement, and the temporary intersection pavement placed between Morton Avenue and Morton Ramp E.

Following the completion of the traffic staging for which the temporary pavement is used, the material shall be removed and disposed of in accordance with Article 202.03 of the Standard Specifications.

The Contractor shall have the option of material type and placement as given:

- Aggregate Subgrade shall consist of a minimum aggregate thickness of 8" with a geotextile fabric for ground stabilization fabric layer placed between the embankment and aggregate. This work shall be performed in accordance with the applicable articles of Section 311 of the Standard Specifications and the special provision entitled, "Aggregate Subgrade Improvement".
- Lime Stabilized Subgrade shall consist of a minimum thickness of 12" of stabilized soil that has a minimum immediate bearing (IBV) value of 11.0. This work shall be performed in accordance with the applicable articles of Section 302 of the Standard Specifications and as noted herein:

SCHEDULE D

CONCRETE QUALITY CONTROL AND QUALITY ASSURANCE DOCUMENTS

- (a) Model Quality Control Plan for Concrete Production (*)
- (b) Qualifications and Duties of Concrete Quality Control Personnel (*)
- (c) Development of Gradation Bands on Incoming Aggregate at Mix Plants (*)
- (d) Required Sampling and Testing Equipment for Concrete (*)
- (e) Method for Obtaining Random Samples for Concrete (*)
- (f) Calibration of Concrete Testing Equipment (BMPR PCCQ01 through BMPR PCCQ09) (*)
- (g) Water/Cement Ratio Worksheet (BMPR PCCW01) (*)
- (h) Field/Lab Gradations (MI 504M) (*)
- (i) Concrete Air, Slump and Quantity (BMPR MI654) (*)
- (j) P.C. Concrete Strengths (BMPR MI655) (*)
- (k) Aggregate Technician Course or Mixture Aggregate Technician Course (*)
- (l) Portland Cement Concrete Tester Course (*)
- (m) Portland Cement Concrete Level I Technician Course - Manual of Instructions for Concrete Testing (*)
- (n) Portland Cement Concrete Level II Technician Course - Manual of Instructions for Concrete Proportioning (*)
- (o) Portland Cement Concrete Level III Technician Course - Manual of Instructions for Design of Concrete Mixtures (*)
- (p) Manual of Test Procedures for Materials

* Refer to Appendix C of the Manual of Test Procedures for Materials for more information.”

RECLAIMED ASPHALT PAVEMENT AND SHINGLES (D-4)

Effective: January 1, 2013

Revise Section 1031 of the Standard Specifications to read:

“SECTION 1031. Reclaimed Asphalt Pavement and Shingles

Revised 10/25/2012

1031.01 Description. RAP is reclaimed asphalt pavement resulting from cold milling and crushing of an existing hot-mix asphalt (HMA) pavement. RAP will be considered processed FRAP after completion of both crushing and screening to size. The Contractor shall supply written documentation that the RAP originated from routes or airfields under federal, state, or local agency jurisdiction.

RAS is reclaimed asphalt shingles resulting from the processing and grinding of either pre-consumer or post consumer shingles.

RAS shall be a clean and uniform material with a maximum of 0.5 percent unacceptable materials, as defined in Bureau of Materials and Physical Research Policy (BMPR) Memorandum *Reclaimed Asphalt Shingle (RAS) Sources*, by weight of RAS. All RAS used shall come from a BMPR approved processing facility. All RAS shall be processed to 100 percent passing the 3/8" and a minimum of 90 percent passing the # 4 sieve.

RAS shall meet either Type 1 or Type 2 requirements as specified herein.

Type 1. Type 1 RAS shall be processed, pre-consumer asphalt shingles salvaged from the manufacture of residential asphalt roofing shingles.

Type 2. Type 2 RAS shall be processed post-consumer shingles only, salvaged from residential, or four unit or less dwellings not subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP).

1031.02 Stockpiles. The Contractor shall construct individual, sealed RAP or RAS stockpiles meeting one of the following definitions. No additional RAP or RAS shall be added to the pile after the pile has been sealed. Stockpiles shall be sufficiently separated to prevent intermingling at the base. All stockpiles (including unprocessed RAP and Processed FRAP) shall be identified by signs indicating the type as listed below (i.e. "crushed natural aggregate, ACBF and steel slag, crystalline structure or Type 2 RAS", etc.).

(a) Fractionated RAP (FRAP). FRAP shall consist of RAP from Class I, Superpave (High ESAL), HMA (High ESAL), or equivalent mixtures. The coarse aggregate in FRAP shall be crushed aggregate and may represent more than one aggregate type and/or quality but shall be at least C quality. All FRAP shall be processed prior to testing and sized into fractions with the separation occurring on or between the #4 (4.75mm) and ½ in. (12.5mm) sieves. Agglomerations shall be minimized such that 100 percent of the RAP in the coarse fraction shall pass the maximum sieve size specified for the mix the RAP will be used in.

(b) Restricted FRAP (B quality) stockpiles shall consist of RAP from Class I, Superpave (High ESAL), or HMA (High ESAL). If approved by the Engineer, the aggregate from a maximum 3.0-inch single combined pass of surface/binder milling will be classified as B quality. All millings from this application will be processed into FRAP as described previously.

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(c) Conglomerate. Conglomerate RAP stockpiles shall consist of RAP from Class I, Superpave (High ESAL), HMA (High ESAL), or equivalent mixtures. The coarse aggregate in this RAP shall be crushed aggregate and may represent more than one aggregate type and/or quality but shall be at least C quality. This RAP may have an inconsistent gradation and/or asphalt binder content prior to processing. All conglomerate RAP shall be processed (FRAP) prior to testing. Conglomerate RAP stockpiles shall not contain steel slag or other expansive material as determined by the Department.

(d) Conglomerate "D" Quality (DQ). Conglomerate DQ RAP stockpiles shall consist of RAP from HMA shoulders, bituminous stabilized subbases or Superpave (Low ESAL)/HMA (Low ESAL) IL-19.0L binder mixture. The coarse aggregate in this RAP may be crushed or processed (FRAP DQ) but shall be at least D quality. This RAP may have an inconsistent gradation and/or asphalt binder content. Conglomerate DQ RAP stockpiles shall not contain steel slag or other expansive material as determined by the Department.

(e) Non-Quality. RAP stockpiles that do not meet the requirements of the stockpile categories listed above shall be classified as "Non-Quality".

RAP/FRAP containing contaminants, such as earth, brick, sand, concrete, sheet asphalt, bituminous surface treatment (i.e. chip seal), pavement fabric, joint sealants, plant cleanout etc., will be unacceptable unless the contaminants are removed to the satisfaction of the Engineer. Sheet asphalt shall be stockpiled separately.

Type 1 and Type 2 RAS shall be stockpiled separately and shall not be intermingled. Each stockpile shall be signed indicating what type of RAS is present. However, a RAS source may submit a written request to the Department for approval to blend mechanically a specified ratio of Type 1 RAS with Type 2 RAS. The source will not be permitted to change the ratio of the blend without the Department prior written approval.

The Engineer's written approval will be required, to mechanically blend RAS with any fine aggregate produced under the AGCS, up to an equal weight of RAS, to improve workability. The fine aggregate shall be "B Quality" or better from an approved Aggregate Gradation Control System source. The fine aggregate shall be one that is approved for use in the HMA mixture and shall be accounted for in the mix design and during HMA production.

Records identifying the shingle processing facility supplying the RAS, RAS type and lot number shall be maintained by project contract number and kept for a minimum of three years.

1031.03 Testing. When used in HMA, the RAS/RAP/FRAP shall be sampled and tested either during processing or after stockpiling.

(a) RAS shall be sampled and tested as follows:

During stockpiling, washed extraction, and testing for unacceptable materials shall be run at the minimum frequency of one sample per 200 tons (180 metric tons) for the first 1,000 tons (900 metric tons) and one sample per 1,000 ton (900 metric ton) thereafter. A minimum of five tests are required for stockpiles less than 1,000 ton (900 metric ton). Once a $\leq 1,000$ ton, five-test stockpile has been established it shall be sealed. Additional incoming RAS shall be stockpiled in a separate working pile as designated in the Quality Control plan and only added to the sealed stockpile when the test results of the working pile are complete and are found to meet the tolerances specified herein for the original sealed RAS stockpile.

All of the test results, with the exception of percent unacceptable materials, shall be compiled and averaged for asphalt binder content, and gradation. Individual test results, when compared to the averages, will be accepted if within the tolerances listed below.

Parameter	RAS
No. 8 (2.36 mm)	$\pm 5 \%$
No. 16 (1.18 mm)	$\pm 5 \%$
No. 30 (600 μm)	$\pm 4\%$
No. 200 (75 μm)	$\pm 2.0 \%$
Asphalt Binder Content	$\pm 1.5 \%$

(b) RAP/FRAP shall be sampled and tested as follows:

For testing during stockpiling, washed extraction samples shall be run at the minimum frequency of one sample per 500 tons (450 metric tons) for the first 2,000 tons (1,800 metric tons) and one sample per 2,000 tons (1,800 metric tons) thereafter. A minimum of five tests shall be required for stockpiles less than 4,000 tons (3,600 metric tons).

For testing after stockpiling, the Contractor shall submit a plan for approval to the District proposing a satisfactory method of sampling and testing the RAP/FRAP pile either in-situ or by restock piling. The sampling plan shall meet the minimum frequency required above and detail the procedure used to obtain representative samples throughout the pile for testing.

All of the RAP/FRAP extraction results shall be compiled and averaged for asphalt binder content and gradation and, when applicable (for slag) G_{mm} . Individual extraction test results, when compared to the averages, will be accepted if within the tolerances listed below.

Parameter	RAP or FRAP	Conglomerate "D" Quality RAP
1 in. (25 mm)		$\pm 5\%$
1/2 in. (12.5 mm)	$\pm 8\%$	$\pm 15\%$
No. 4 (4.75 mm)	$\pm 6\%$	$\pm 13\%$
No. 8 (2.36 mm)	$\pm 5\%$	
No. 16 (1.18 mm)		$\pm 15\%$
No. 30 (600 μm)	$\pm 5\%$	
No. 200 (75 μm)	$\pm 2.0\%$	$\pm 4.0\%$
Asphalt Binder	$\pm 0.4\%$ ^{1/}	$\pm 0.5\%$
G_{mm}	$\pm 0.03\%$ ^{2/}	

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- 1/ The tolerance for FRAP shall be $\pm 0.3\%$
- 2/ for slag and steel slag

Before extraction, each field sample whether, RAS, RAP or FRAP, shall be split to obtain two samples of test sample size. One of the two test samples from the final split shall be labeled and stored for Department use. The Contractor shall extract the other test sample according to Department procedure. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

If more than 20 percent of the individual sieves are out of the gradation tolerances, or if more than 20 percent of the asphalt binder content test results fall outside the appropriate tolerances, the RAS, RAP or FRAP shall not be used in HMA unless the RAS, RAP or FRAP representing the failing tests is removed from the stockpile. All test data and acceptance ranges shall be sent to the District for evaluation.

With the approval of the Engineer, when testing for RAP or FRAP, the ignition oven may be substituted for extractions according to the Illinois Test Procedure, "Calibration of the Ignition Oven for the Purpose of Characterizing Reclaimed Asphalt Pavement (RAP)".

1031.04 Quality Designation of Aggregate in RAP/FRAP.

(a) The aggregate quality of the RAP, Fractionated RAP, Restricted FRAP, Conglomerate, and conglomerate "D" quality stockpiles shall be set by the lowest quality of coarse aggregate in the stockpile and are designated as follows:

(1) RAP from Class I, Superpave (High ESAL)/HMA (High ESAL), or HMA (Low ESAL) IL-9.5L surface mixtures are designated as containing Class B quality coarse aggregate.

(2) RAP from Superpave (Low ESAL)/HMA (Low ESAL) IL-19.0L binder mixture is designated as Class D quality coarse aggregate.

(3) RAP from Class I, Superpave (High ESAL), or HMA (High ESAL) binder mixtures, bituminous base course mixtures, and bituminous base course widening mixtures are designated as containing Class C quality coarse aggregate.

(4) RAP from bituminous stabilized sub-base and BAM shoulders are designated as containing Class D quality coarse aggregate.

(b) The aggregate quality of FRAP shall be determined as follows.

(1) If the Engineer has documentation of the quality of the FRAP aggregate, the Contractor shall use the assigned quality provided by the Engineer. If the quality is not known, the quality shall be determined according to note (2) herein:

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(2) Fractionated RAP stockpiles containing plus #4 (4.75 mm) sieve coarse aggregate shall have a maximum tonnage of 5,000 tons (4,500 metric tons). The Contractor shall obtain a representative sample witnessed by the Engineer. The sample shall be a minimum of 50 lbs (25 kg). The sample shall be extracted according to Illinois Modified AASHTO T 164 by a consultant prequalified by the Department for the specified testing. The consultant shall submit the test results along with the recovered aggregate to the District Office. The cost for this testing shall be paid by the Contractor. The District will forward the sample to the BMRP Aggregate Lab for MicroDeval Testing, according to Illinois Modified AASHTO T 327. A maximum loss of 15.0 percent will be applied for all HMA applications. The fine aggregate portion of the fractionated RAP shall not be used in any HMA mixtures that require a minimum of "B" quality aggregate or better, until the coarse aggregate fraction has been determined to be acceptable thru a MicroDeval Testing.

1031.05 Use of RAS, RAP or FRAP in HMA. The use of RAS, RAP or FRAP shall be a Contractor's option when constructing HMA in all contracts.

The use of RAS shall be as follows:

Type 1 or Type 2 RAS may be used alone or in conjunction with, Fractionated Reclaimed Asphalt Pavement (FRAP) or Reclaimed Asphalt Pavement (RAP), in all HMA mixtures up to a maximum of 5.0 percent by weight of total mix.

The use of RAP/FRAP shall be as follows:

(a) Coarse Aggregate Size (after extraction), the coarse aggregate in all RAP or FRAP shall be equal to or less than the maximum size requirement for the HMA mixture to be produced.

(b) Steel Slag Stockpiles. RAP/FRAP stockpiles containing steel slag or other expansive material, as determined by the Department, shall be homogeneous and will be approved for use in all HMA (High ESAL and Low ESAL) mixtures regardless of lift or mix type.

(c) Use in HMA Surface Mixtures (High and Low ESAL). RAP/FRAP and Restricted FRAP stockpiles for use in HMA surface mixtures (High and Low ESAL) shall in which the coarse aggregate is Class B quality or better. RAP/FRAP shall be considered equivalent to Limestone for frictional considerations unless produced/screened to minus 3/8 inch.

(d) Use in HMA Binder Mixtures (High and Low ESAL), HMA Base Course, and HMA Base Course Widening. RAP/FRAP stockpiles for use in HMA binder mixtures (High and Low ESAL), HMA base course, and HMA base course widening shall be FRAP, in which the coarse aggregate is Class C quality or better.

(e) Use in Shoulders and Subbase. RAP/FRAP stockpiles for use in HMA shoulders and stabilized sub base (HMA) shall RAP, Restricted FRAP, Conglomerate, or Conglomerate DQ.

When the Contractor chooses the RAP option, the percentage of virgin asphalt binder replaced by the asphalt binder from the RAP shall not exceed the percentages indicated in the table below for a given N Design:

Revised 10/25/2012

Max Asphalt Binder Replacement RAP Only

Table 1

HMA Mixtures ^{1/, 3/} Ndesign	Maximum % Asphalt Binder replacement (ABR)		
	Binder/Leveling Binder	Surface	Polymer Modified
30L	25	15	10
50	25	15	10
70	15	10	10
90	10	10	10
105	10	10	10
4.75 MM N-50			15
SMA N-80			10

1/ For HMA "All Other" (shoulder and stabilized subbase) N-30, the percent asphalt binder replacement shall be up to 50% of the total asphalt binder in the mixture.

2/ When the asphalt binder replacement exceeds 15 percent, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent binder replacement would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28).

When the Contractor chooses either the RAS or FRAP option, the percent binder replacement shall not exceed the amounts indicated in the tables below for a given N Design.

Max Asphalt Binder Replacement RAS or FRAP

Table 2

HMA Mixtures ^{1/, 2/} Ndesign	Level 1 - Maximum % ABR		
	Binder/Leveling Binder	Surface	Polymer ^{3/, 4/} Modified
30L	35	30	15
50	30	25	15
70	30	20	15
90	20	15	15
105	20	15	15
4.75 MM N-50			25
SMA N-80			15

1/ For HMA "All Other" (shoulder and stabilized sub-base) N-30, the percent asphalt binder replacement shall not exceed 50% of the total asphalt binder in the mixture.

2/ When the asphalt binder replacement exceeds 15 percent for all mixes, except for SMA and IL-4.75, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent binder replacement will require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28).

3/ When the ABR for SMA is 15 percent or less the required virgin asphalt binder shall be SBS PG76-22.

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4/ When the ABR for IL 4.75 mix is 15% or less the required virgin asphalt binder shall be SBS PG 76-22. When the ABR for the IL 4.75 is more than 15%, the virgin asphalt binder shall be SBS PG 70-28.

When the Contractor chooses the RAS with FRAP combination, the percent asphalt binder replacement shall split equally between the RAS and the FRAP, and the total replacement shall not exceed the amounts indicated in the tables below for a given N Design.

Max Asphalt Binder Replacement RAS and FRAP Combination
 Table 3

HMA Mixtures ^{1/, 2/}	Level 2 - Maximum % ABR		
	Binder/Leveling Binder	Surface	Polymer Modified ^{3/, 4/}
30L	50	40	30
50	40	35	30
70	40	30	30
90	40	30	30
105	40	30	30
4.75 MM N-50			40
SMA N-80			30

1/ For HMA "All Other" (shoulder and stabilized sub base) N-30, the percent asphalt binder replacement shall be up to 50% of the total asphalt binder in the mixture.

2/ When the binder replacement exceeds 15 percent for all mixes, except for SMA and IL-4.75, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent binder replacement will require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28).

3/ When the ABR for SMA is 15 percent or less the required virgin asphalt binder shall be SBS PG76-22. When the ABR for SMA exceeds 15%, the virgin asphalt binder grade shall be SBS PG70-28.

4/ When the ABR for IL 4.75 mix is 15% or less the required virgin asphalt binder shall be SBS PG 76-22. When the ABR for the IL 4.75 is more than 15%, the virgin asphalt binder shall be SBS PG 70-28.

1031.06 HMA Mix Designs. All HMA mixtures will be required to be tested, prior to submittal for Department verification, According to Illinois Modified AASHTO T324 (Hamburg Wheel) and shall meet the following requirements:

Asphalt Binder Grade	# Repetitions	Max Rut Depth (mm)
PG76-XX	20,000	12.5
PG70-XX	15,000	12.5
PG64-XX	10,000	12.5
PG58-XX	10,000	12.5

Note: For SMA Designs (N-80) the maximum rut depth is 6.0 mm at 20,000 repetitions.
For IL 4.75 mm Designs (N-50) the maximum rut depth is 9.0 mm at 15,000 repetitions.

1031.07 HMA Production. All HMA mixtures shall be sampled within the first 500 tons on the first day of production or during start up, with a split reserved for the Department. The mix sample shall be tested according to Illinois Modified AASHTO T324 and shall meet the requirements specified herein. The production of such mixture shall not exceed 1,500 tons or one day's production, whichever comes first, until the testing is completed and the mixture is found to be in conformance. The requirement to cease mix production may be waived if the plant produced mixture is demonstrated prior to start of mix production for the contract.

To remove or reduce agglomerated material, a scalping screen, gator, crushing unit, or comparable sizing device approved by the Engineer shall be used in the RAS, RAP and FRAP feed system to remove or reduce oversized material. If material passing the sizing device adversely affects the mix production or quality of the mix, the sizing device shall be set at a size specified by the Engineer.

If the RAS, RAP and FRAP control tolerances or QC/QA test results require corrective action, the Contractor shall cease production of the mixture containing RAs, RAP or FRAP and either switch to the virgin aggregate design or submit a new RAS, RAP or FRAP design.

HMA plants utilizing RAS, RAP and FRAP shall be capable of automatically recording and printing the following information.

- (a) Dryer Drum Plants.
 - (1) Date, month, year, and time to the nearest minute for each print.
 - (2) HMA mix number assigned by the Department.
 - (3) Accumulated weight of dry aggregate (combined or individual) in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).
 - (4) Accumulated dry weight of RAS, RAP and FRAP in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).
 - (5) Accumulated mineral filler in revolutions, tons (metric tons), etc. to the nearest 0.1 unit.
 - (6) Accumulated asphalt binder in gallons (liters), tons (metric tons), etc. to the nearest 0.1 unit.
 - (7) Residual asphalt binder in the RAS, RAP and FRAP material as a percent of the total mix to the nearest 0.1 percent.
 - (8) When producing mixtures with FRAP and/or RAS, a positive dust control system shall be utilized.
 - (9) Accumulated mixture tonnage.

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- (10) Dust removed (accumulated to the nearest 0.1ton)
- (11) Aggregate RAS, RAP and FRAP moisture compensators in percent as set on the control panel. (Required when accumulated or individual aggregate and RAS, RAP FRAP are printed in wet condition.)
- (b) Batch Plants.
- (1) Date, month, year, and time to the nearest minute for each print.
- (2) HMA mix number assigned by the Department.
- (3) Individual virgin aggregate hot bin batch weights to the nearest pound (kilogram).
- (4) Mineral filler weight to the nearest pound (kilogram).
- (5) RAS, RAP and FRAP weight to the nearest pound (kilogram).
- (6) Virgin asphalt binder weight to the nearest pound (kilogram).
- (7) Residual asphalt binder in the RAS, RAP and FRAP material as a percent of the total mix to the nearest 0.1 percent.

The printouts shall be maintained in a file at the plant for a minimum of one year or as directed by the Engineer and shall be made available upon request. The printing system will be inspected by the Engineer prior to production and verified at the beginning of each construction season thereafter.

1031.08 RAP in Aggregate Surface Course and Aggregate Shoulders. The use of RAP or FRAP in aggregate surface course and aggregate shoulders shall be as follows.

- (a) Stockpiles and Testing. RAP stockpiles may be any of those listed in Article 1031.02, except "Non-Quality" and "FRAP". The testing requirements of Article 1031.03 shall not apply.
- (b) Gradation. One hundred percent of the RAP material shall pass the 1 1/2 in. (37.5mm) sieve. The RAP material shall be reasonably well graded from coarse to fine. RAP material that is gap-graded, FRAP, or single sized will not be accepted for use as Aggregate Surface Course and Aggregate Shoulders."

Revised 10/25/2012

FAI Routes 74 & 155 (I-74 & I-155)
Project ACIM-ACBRI-000S(907)
Section 90-[14R;(14HB-4,14,14HVB)BR]
Tazewell County
Contract No. 68620

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FAI Routes 74 & 155 (I-74 & I-155)
Project ACIM-ACBRI-000S(907)
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Revised 10/25/2012

SELF-CONSOLIDATING CONCRETE FOR CAST-IN-PLACE CONSTRUCTION (BDE)

Effective: November 1, 2005

Revised: April 1, 2012

Description. This work shall consist of constructing cast-in-place items involving Class DS or SI concrete with self-consolidating concrete. The concrete shall be according to the special provision, "Portland Cement Concrete", except as modified herein.

Revised 10/25/2012

SITE INSPECTION

State of Illinois property located at the Southeast Quarter of Section 7 and Southwest Quarter of Section 8, T25N R4W 3PM in Groveland Township, Tazewell County is made available to the Contractor, at their option, to use as an approved borrow site for construction of the project. The site is located adjacent to I-474 at approximate mile marker 10 from eastbound station 17+071 +/- to station 17+997 +/- . Access to and from the site is gained from eastbound I-474 at an existing aggregate entrance located at the outside edge of shoulder at station 18+082 +/- .

Inspection of the site is made available to any prospective bidder who requests access to the site. The prospective bidder will notify the department of their intent to inspect the site a minimum of one week prior to the site visit in order for the department to have access arrangements in place for the site visit.

The prospective bidder should contact the District 4 Materials Section, attention Mr. Leroy Williams at 309-671-3670 to make arrangements to view the site.

BARRIER WALL SINGLE FACE AND DOUBLE FACED 42 INCHES AND 48 INCHES

Effective: October 19, 2012

This work shall consist of the construction of concrete barrier single face 42 inch height, concrete barrier double face 42 inch height, or concrete barrier double face 48 inch height.

This work shall be performed in accordance with Section 637 of the Standard Specifications and as noted herein:

All material, equipment and labor required to construct the barrier walls will be paid for per the applicable pay items listed in the plans regardless of the variability of the profiles on which they are constructed.

REMOVING AND REPLACING EXPANSION JOINT

Effective: October 22, 2012

The work consists of removing the existing terminal joints on I-155 as shown on the removal plans and replacing them with expansion joints as shown on the plan and profile sheet and expansion joint detail sheet.

This work shall be performed in accordance with the applicable Articles of Section 442 of the Standard Specifications and as described herein:

Construction Requirements: The existing terminal joints shall be removed completely and the proposed expansion joints shall be installed at the locations as shown on the I-155 plan and profile to establish the new connection of the existing CRC Pavement on I-155 to the proposed Jointed PCC.

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FAI Routes 74 & 155 (I-74 & I-155)
Project ACIM-ACBRI-000S(907)
Section 90-[14R;(14HB-4,14,14HVB)BR]
Tazewell County
Contract No. 68620

The work shall be completed according to the detail sheet Expansion Joint Detail as shown in the plans.

Method of Measurement: The expansion joint will be measured for payment in feet along the length of the joint transverse to the roadway, which includes all materials, equipment and labor associated with the construction of the expansion joint. The removal of the existing terminal joints will not be measured for payment but will be included in the cost to replace these with expansion joints at the locations indicated on the plan and profile sheet. No additional compensation will be made regardless of the location of the existing joints to be removed.

Basis of Payment: The removal and replacement of the expansion joints will be paid for at the contract unit price per Foot of REMOVING AND REPLACING EXPANSION JOINTS.

Added 10/25/2012

PROJECT LABOR AGREEMENT - QUARTERLY EMPLOYMENT REPORT

Public Act 97-0199 requires the Department to submit quarterly reports regarding the number of minorities and females employed under Project Labor Agreements. To assist in this reporting effort, the Contractor shall provide a quarterly workforce participation report for all minority and female employees working under the project labor agreement of this contract. The data shall be reported on Construction Form BC 820, Project Labor Agreement (PLA) Workforce Participation Quarterly Reporting Form available on the Department's website <http://www.dot.il.gov/const/conforms.html>.

The report shall be submitted no later than the 15th of the month following the end of each quarter (i.e. April 15 for the January – March reporting period). The form shall be emailed to DOT.PLA.Reporting@illinois.gov or faxed to (217) 524-4922.

Any costs associated with complying with this provision shall be considered as included in the contract unit prices bid for the various items of work involved and no additional compensation will be allowed.

Added 10/25/2012

Illinois Department of Transportation
PROJECT LABOR AGREEMENT

This Project Labor Agreement (“PLA”) is entered into this _____ day of _____, by and between the Illinois Department of Transportation (“IDOT” or “Department”) in its proprietary capacity, and each relevant Illinois AFL-CIO Building Trades Council made signatory hereto by the Illinois AFL-CIO Statewide Project Labor Agreement Committee on behalf of itself and each of its affiliated members (individually and collectively, the “Union”). This PLA shall apply to Construction Work (as defined herein) to be performed by IDOT’s Prime Contractor and each of its relevant subcontractors of whatever tier (“Subcontractor” or “Subcontractors”) on Project Name (hereinafter, the “Project”).

ARTICLE 1 - INTENT AND PURPOSES

- 1.1. This PLA is entered into in furtherance of Illinois Executive Order No. 2010-03 and P.A. 097-0199. It is mutually understood and agreed that the terms and conditions of this PLA are intended to promote the public interest in obtaining timely and economical completion of the Project by encouraging productive and efficient construction operations; by establishing a spirit of harmony and cooperation among the parties; and by providing for peaceful and prompt settlement of any and all labor grievances or jurisdictional disputes of any kind without strikes, lockouts, slowdowns, delays or other disruptions to the prosecution of the work.
- 1.2. As a condition of the award of the contract for performance of work on the Project, IDOT's Prime Contractor and each of its Subcontractors shall be required to sign a “Contractor Letter of Assent”, in the form attached hereto as Exhibit A, prior to commencing Construction Work on the Project. Each Union affiliate and separate local representing workers engaged in Construction Work on the Project in accordance with this PLA are bound to this agreement by the Illinois AFL-CIO Statewide Project Labor Agreement Committee which is the central committee established with full authority to negotiate and sign PLAs with the State on behalf of all respective crafts. Upon their signing the Letter of Assent, the Prime Contractor, each Subcontractor, and the individual Unions shall thereafter be deemed a party to this PLA. No party signatory to this PLA shall, contract or subcontract, nor permit any other person, firm, company or entity to contract or subcontract for the performance of Construction Work for the Project to any person, firm, company or entity that does not agree in writing to become bound by the terms of this PLA prior to commencing such work.
- 1.3. It is understood that the Prime Contractor(s) and each Subcontractor will be considered and accepted by the Unions as separate employers for the purposes of collective bargaining, and it is further agreed that the employees working under this PLA shall constitute a bargaining unit separate and distinct from all others. The Parties hereto also agree that this PLA shall be applicable solely with respect to this Project, and shall have no bearing on the interpretation of any other collective bargaining agreement or as to the recognition of any bargaining unit other than for the specific purposes of this Project.

Added 10/25/2012

- 1.4. In the event of a variance or conflict, whether explicit or implicit, between the terms and conditions of this PLA and the provisions of any other applicable national, area, or local collective bargaining agreement, the terms and conditions of this PLA shall supersede and control. For any work performed under the NTL Articles of Agreement, the National Stack/Chimney Agreement, the National Cooling Tower Agreement, the National Agreement of the International Union of Elevator Constructors, and for any instrument calibration work and loop checking performed under the UA/IBEW Joint National Agreement for Instrument and Control Systems Technicians, the preceding sentence shall apply only with respect to Articles I, II, V, VI, and VII.
- 1.5. Subject to the provisions of paragraph 1.4 of this Article, it is the parties' intent to respect the provisions of any other collective bargaining agreements that may now or hereafter pertain, whether between the Prime Contractor and one or more of the Unions or between a Subcontractor and one or more of the Unions. Accordingly, except and to the extent of any contrary provision set forth in this PLA, the Prime Contractor and each of its Subcontractors agrees to be bound and abide by the terms of the following in order of precedence: (a) the applicable collective bargaining agreement between the Prime Contractor and one or more of the Unions made signatory hereto; (b) the applicable collective bargaining agreement between a Subcontractor and one or more of the Unions made signatory hereto; or (c) the current applicable area collective bargaining agreement for the relevant Union that is the agreement certified by the Illinois Department of Labor for purposes of establishing the Prevailing Wage applicable to the Project. The Union will provide copies of the applicable collective bargaining agreements pursuant to part (c) of the preceding sentence to the Prime Contractor. Assignments by the Contractors amongst the trades shall be consistent with area practices; in the event of unresolved disagreements as to the propriety of such assignments, the provisions of Article VI shall apply.
- 1.6. Subject to the limitations of paragraphs 1.4 and 1.5 of this Article, the terms of each applicable collective bargaining agreement as determined in accordance with paragraph 1.5 are incorporated herein by reference, and the terms of this PLA shall be deemed incorporated into such other applicable collective bargaining agreements only for purposes of their application to the Project.
- 1.7. To the extent necessary to comply with the requirements of any fringe benefit fund to which the Prime Contractor or Subcontractor is required to contribute under the terms of an applicable collective bargaining agreement pursuant to the preceding paragraph, the Prime Contractor or Subcontractor shall execute all "Participation Agreements" as may be reasonably required by the Union to accomplish such purpose; provided, however, that such Participation Agreements shall, when applicable to the Prime Contractor or Subcontractor solely as a result of this PLA, be amended as reasonably necessary to reflect such fact. Upon written notice from any applicable fringe benefit fund, IDOT will withhold from the Prime Contractor payment of any delinquencies arising from this Project.

- 1.8. In the event that the applicable collective bargaining agreement between a Prime Contractor and the Union or between the Subcontractor and the Union expires prior to the completion of this Project, the expired applicable contract's terms will be maintained until a new applicable collective bargaining agreement is ratified. The wages and fringe benefits included in any new applicable collective bargaining agreement will apply on and after the effective date of the newly negotiated collective bargaining agreement, except to the extent wage and fringe benefit retroactivity is specifically agreed upon by the relevant bargaining parties.

ARTICLE II – APPLICABILITY, RECOGNITION, AND COMMITMENTS

- 2.1 The term Construction Work as used herein shall include all “construction, prosecution, completion, or repair” work performed by a “laborer or mechanic” at the “site of the work” for the purpose of “building” the specific structures and improvements that constitute the Project. Terms appearing within quotation marks in the preceding sentence shall have the meaning ascribed to them pursuant to 29 CFR Part 5.
- 2.2 By executing the Letters of Assent, Prime Contractor and each of its Subcontractors recognizes the Unions signatory to this PLA as the sole and exclusive bargaining representatives for their craft employees employed on the jobsite for this Project. Unions who are signatory to this PLA will have recognition on the Project for their craft.
- 2.3 The Prime Contractor and each of its Subcontractors retains and shall be permitted to exercise full and exclusive authority and responsibility for the management of its operations, except as expressly limited by the terms of this PLA or by the terms and conditions of the applicable collective bargaining agreement.
- 2.4 Except to the extent contrary to an express provision of the relevant collective bargaining agreement, equipment or materials used in the Project may be pre-assembled or pre-fabricated, and there shall be no refusal by the Union to handle, transport, install, or connect such equipment or materials. Equipment or materials delivered to the job-site will be unloaded and handled promptly without regard to potential jurisdictional disputes; any such disputes shall be handled in accordance with the provisions of this PLA.
- 2.5 Unions commit to furnishing qualified and skilled craft persons as required by the Prime Contractor and its Subcontractors in fulfillment of their obligations to complete the Project. In order to promote the long-term development of a skilled and knowledgeable work force, the parties are encouraged to utilize apprentices to the maximum extent permitted by the applicable collective bargaining agreement.
- 2.6 The parties are mutually committed to promoting a safe working environment for all personnel at the job site. It shall be the responsibility of each employer to which this PLA applies to provide and maintain safe working conditions for its employees, and to comply with all applicable federal, state, and local health and safety laws and regulations.

Added 10/25/2012

- 2.7 The use or furnishing of alcohol or drugs and the conduct of any other illegal activity at the job-site is strictly prohibited. The parties shall take every practical measure consistent with the terms of applicable collective bargaining agreements to ensure that the job-site is free of alcohol and drugs.
- 2.8 All parties to this PLA agree that they shall not discriminate against any employee based on race, creed, color, national origin, union activity, age, or gender as required by all applicable federal, state, and local laws.
- 2.9 The Parties hereto agree that engineering consultants and materials testing employees, to the extent subject to the terms of this PLA, shall be fully expected to objectively and responsibly perform their duties and obligations owed to the Department without regard to the potential union affiliation of such employees or of other employees on the Project.

ARTICLE III - ADMINISTRATION OF AGREEMENT

- 3.1 In order to assure that all parties have a clear understanding of the PLA and to promote harmony, a post-award pre-job conference will be held among the Prime Contractor, all Subcontractors and Union representatives prior to the start of any Construction Work on the Project. No later than the conclusion of such pre-job conference, the parties shall, among other matters, provide to one another contact information for their respective representatives (including name, address, phone number, facsimile number, e-mail). Nothing herein shall be construed to limit the right of the Department to discuss or explain the purpose and intent of this PLA with prospective bidders or other interested parties prior to or following its award of the job.
- 3.2 Representatives of the Prime Contractor and the Unions shall meet as often as reasonably necessary following award until completion of the Project to assure the effective implementation of this PLA.
- 3.3 Not less than once per month, Prime Contractor and all Subcontractors shall make available in writing to the Unions a Project status report that shall include, though not necessarily be limited to, planned activities for the next 30 day period and estimated numbers of employees by craft required for the next 30 day period. The purpose of this Project status report is to promote effective workforce planning and to facilitate resolution of any potential jurisdictional or other problems.

Added 10/25/2012

- 3.4 Not later than the earlier of (a) five business days following the pre-job conference, or (b) commencement of Construction Work, the Unions and Prime Contractor (on behalf of itself and all its subcontractors of whatever tier) shall confer and jointly designate a slate of three (3) permanent arbitrators (each a "Permanent Arbitrator") for the purpose of hearing disputes pursuant to Articles V and VII of this PLA. The slate of Permanent Arbitrators shall be selected from among the following individuals: Thomas F. Gibbons, Robert Perkovich, Byron Yaffee, and Glenn A. Zipp. In the event that the Unions and Prime Contractor are not able to agree on a full slate of three Permanent Arbitrators, the Department, after consultation with the Unions and Prime Contractor, shall designate such additional Permanent Arbitrators as may be necessary to establish the full slate. A single Permanent Arbitrator shall be selected from the slate of three on a rotating basis to adjudicate each arbitrable matter as it arises. In the event a Permanent Arbitrator is not available to adjudicate a particular matter in the order of rotation, the arbitration assignment shall pass to the next available Permanent Arbitrator.

ARTICLE IV - HOURS OF WORK AND GENERAL CONDITIONS

- 4.1 The standard work day for Construction Work on the Project shall be an established consecutive eight (8) hour period between the hours of 7:00 a.m. and 5:00 p.m. with one-half hour designated as unpaid period for lunch. The standard work week shall be five (5) consecutive days of work commencing on Monday. Starting time shall be established at the pre-job conference, and shall be applicable to all craft employees on the Project unless otherwise expressly agreed in writing. In the event Project site or other job conditions dictate a change in the established starting time and/or a staggered lunch period for portions of the Project or for specific crafts, the Prime Contractor, relevant Subcontractors and business managers of the specific crafts involved shall confer and mutually agree to such changes as appropriate. If proposed work schedule changes cannot be mutually agreed upon between the parties, the hours fixed at the time of the pre-job meeting shall prevail.
- 4.2 Shift work may be established and directed by the Prime Contractor or relevant Subcontractor as reasonably necessary or appropriate to fulfill the terms of its contract with the Department. If used, shift hours, rates and conditions shall be as provided in the applicable collective bargaining agreement.
- 4.3 The parties agree that chronic and/or unexcused absenteeism is undesirable and must be controlled in accordance with procedures established by the applicable collective bargaining agreement. Any employee disciplined for absenteeism in accordance with such procedures shall be suspended from all work on the Project for not less than the maximum period permitted under the applicable collective bargaining agreement.
- 4.4 Except as may be otherwise expressly provided by the applicable collective bargaining agreement, employment begins and ends at the Project site; employees shall be at their place of work at the starting time; and employees shall remain at their place of work until quitting time.

Added 10/25/2012

- 4.5 Except as may be otherwise expressly provided by the applicable collective bargaining agreement, there shall be no limit on production by workmen, no restrictions on the full use of tools or equipment, and no restrictions on efficient use of manpower or techniques of construction other than as may be required by safety regulations.
- 4.6 The parties recognize that specialized or unusual equipment may be installed on the Project. In such cases, the Union recognizes the right of the Prime Contractor or Subcontractor to involve the equipment supplier or vendor's personnel in supervising the setting up of the equipment, making modifications and final alignment, and performing similar activities that may be reasonably necessary prior to and during the start-up procedure in order to protect factory warranties. The Prime Contractor or Subcontractor shall notify the Union representatives in advance of any work at the job-site by such vendor personnel in order to promote a harmonious relationship between the equipment vendor's personnel and other Project employees.
- 4.7 For the purpose of promoting full and effective implementation of this PLA, authorized Union representatives shall have access to the Project job-site during scheduled work hours. Such access shall be conditioned upon adherence to all reasonable visitor and security rules of general applicability that may be established for the Project site at the pre-job conference or from time to time thereafter.

ARTICLE V - GRIEVANCE AND ARBITRATION PROCEDURES

- 5.1 Except as provided in Articles VI or VII, it is specifically agreed among the parties that any grievance or dispute arising out of the interpretation or application of this PLA shall be settled by means of the expedited arbitration process set forth in Paragraph 5.2 below. No such grievance or dispute shall be recognized unless called to the attention of the Prime Contractor and relevant Subcontractor by the Union or to the Union by the Prime Contractor or relevant Subcontractor within five (5) working days after the alleged violation was committed or discovered by the grieving party.
- 5.2 Grievances shall be settled according to the following procedure:
 - 5.2.A. Step 1. The dispute shall be referred to the Steward of the craft union involved and a representative of the Prime Contractor and relevant Subcontractor at the job-site.
 - 5.2.B. Step 2. In the event that the Steward and the contractors' representatives at the job-site cannot reach agreement within two (2) working days after a meeting is arranged and held, the matter shall be referred to the Union Business Manager and to executive representatives of the Prime Contractor and relevant Subcontractor.

Added 10/25/2012

- 5.2.C. Step 3. In the event the dispute is not resolved within five (5) working days after completion of Step 2, the relevant parties shall request a Permanent Arbitrator as determined in accordance with paragraph 3.4 of this PLA, who shall, within ten (10) working days, hear the grievance and make a written decision. Such decisions shall be final and binding on all parties. The parties shall each pay the expense of their own representative. The expense of the Permanent Arbitrator shall be divided equally between (1) the Prime Contractor and/or relevant Subcontractor, and (2) the involved Union.
- 5.3 Any failure of a party to comply fully with such final and binding decision of the Permanent Arbitrator may result in removal of the non-complying party from the site, in a holdback from the Prime Contractor or Subcontractor of any amounts awarded, or in such other relief as the Department may reasonably determine is necessary to promote final resolution of the dispute.
- 5.4 In the event any dispute or grievance should arise, the parties expressly agree that it shall be resolved without occurrence of any strike, work stoppage, slow-down or other prohibited activities as provided in Article VII of this PLA. Individuals or parties violating this section shall be subject to immediate discharge or other discipline.

ARTICLE VI - JURISDICTIONAL DISPUTES

- 6.1 As used in this Agreement, the term "jurisdictional dispute" shall be defined as any dispute, difference or disagreement involving the assignment of particular work to one class or craft of employees rather than to a different class or craft of employees, regardless of that Contractor's contractual relationship to any other employer, contractor, or organization on the site.
- 6.2 It is agreed by and between the parties to this Agreement that any and all jurisdictional disputes shall be resolved in the following manner; each of the steps hereinafter listed shall be initiated by the parties in sequence as set forth:
- (a) Negotiation by and between the Local Business Representative of the disputing Union and Employer shall take place within two (2) business days. Business days are defined as Monday through Friday excluding contract holidays. Such negotiations shall be pursued until it is apparent that the dispute cannot be resolved at the local level.
 - (b) The International Representatives of the disputing Union shall meet or confer and attempt to resolve said dispute. This meeting shall take place within two (2) business days. Business days are defined as Monday through Friday excluding contract holidays.

Added 10/25/2012

- (c) The parties to the Jurisdictional Dispute shall submit the dispute directly to an Arbitrator after complying with paragraph (2b) above. The parties shall meet with the Arbitrator within three (3) business days. Business days are defined as Monday through Friday excluding contract holidays. An Arbitrator will be selected based on availability from the slate of permanent Arbitrators. The Arbitrator's bench decision will be given the day of the hearing and will be final and legally binding on this project only. The Arbitrator's bench decision will be implemented without delay. The cost of Arbitration will be shared equally by the disputing parties. Any party to the dispute can require that a "long form" written decision be provided from the Arbitrator, however the cost of the "long form" written decision will be the responsibility of the party making the request.

Notes:

- A jurisdictional dispute may be submitted based upon a pre-job assignment.
 - If any party to the jurisdictional disputes does not fully comply with the steps and time limits with each step, then the party in non-compliance will lose by "automatic default".
 - Time limits at any step can be extended if all parties to the jurisdictional dispute mutually agree in writing.
 - All parties to a jurisdictional dispute can mutually agree to waive the time limits in steps (a) and (b) and proceed directly to an expedited arbitration hearing.
- (d) In rendering his decision, the Arbitrator shall determine:
- (1) First whether a previous agreement of record or applicable agreement, including a disclaimer agreement, between the National or International Unions to the dispute governs;
 - (2) Only if the Arbitrator finds that the dispute is not covered by an appropriate or applicable agreement of record or agreement between the crafts to the dispute, he shall then consider whether there is a previous decision of record governing the case;
 - (3) If the Arbitrator finds that a previous decision of record governs the case, the Arbitrator shall apply the decision of record in rendering his decision except under the following circumstances. After notice to the other parties to the dispute prior to the hearing that it intends to challenge the decision of record, if a trade challenging the decision of record is able to demonstrate that the recognized and established prevailing practice in the locality of the work has been contrary to the applicable decision of record, and that historically in that locality the work in dispute has not been performed by the other craft or crafts, the Arbitrator may rely on such prevailing practice rather than the decision of record.

If the craft relying on the decision of record demonstrates that it has performed the work in dispute in the locality of the job, then the Arbitrator shall apply the decision of record in rendering his decision. If the Arbitrator finds that a craft has improperly obtained the prevailing practice in the locality through raiding, the undercutting of wagers or by the use of vertical agreements, the Arbitrator shall rely on the decision of record rather than the prevailing practice in the locality.

- (4) If no decision of record is applicable, the Arbitrator shall then consider the established trade practice in the industry and prevailing practice in the locality; and
- (5) Only if none of the above criteria is found to exist, the Arbitrator shall then consider that because efficiency, cost or continuity and good management are essential to the well being of the industry, the interest of the consumer or the past practice of the employer shall not be ignored.

The Arbitrator shall set forth the basis for his decision and shall explain his findings regarding the applicability of the above criteria. If lower-ranked criteria are relied upon, the Arbitrator shall explain why the higher-ranked criteria were not deemed applicable. The Arbitrator's decision shall only apply to the job in dispute.

- (6) Agreements of record are applicable only to the party's signatory to such agreements. Decisions of record are applicable to all trades.
 - (7) The Arbitrator is not authorized to award back pay or any other damages for a mis-assignment of work. Nor may any party bring an independent action for back pay or any other damages, based upon a decision of an Arbitrator.
- 6.3 The signatory parties to this Agreement agree that jurisdictional disputes cannot and shall not interfere with the efficient and continuous operations required for the successful application of this Agreement. In the event a dispute arises, the Contractor's assignment shall be followed until the dispute is resolved.
 - 6.4 Equipment or material delivered to the job site will be unloaded promptly without regard to jurisdictional disputes which will be handled as per the provisions of this Agreement. The Contractor will supply the Union with delivery schedules, allowing as much time as possible to insure the appropriate crafts will be available to unload the materials or equipment.
 - 6.5 All signatory affiliates agree that upon request, a representative shall be assigned without delay to attempt a settlement in the event of a question on assignments.

Added 10/25/2012

ARTICLE VII - WORK STOPPAGES AND LOCKOUTS

- 7.1 During the term of this PLA, no Union or any of its members, officers, stewards, employees, agents or representatives shall instigate, support, sanction, maintain, or participate in any strike, picketing, walkout, work stoppage, slow down or other activity that interferes with the routine and timely prosecution of work at the Project site or at any other contractor's or supplier's facility that is necessary to performance of work at the Project site. Hand billing at the Project site during the designated lunch period and before commencement or following conclusion of the established standard workday shall not, in itself, be deemed an activity that interferes with the routine and timely prosecution of work on the Project.
- 7.2 Should any activity prohibited by paragraph 7.1 of this Article occur, the Union shall undertake all steps reasonably necessary to promptly end such prohibited activities. No Union complying with its obligations under this Article shall be liable for acts of employees for which it has no responsibility or for the unauthorized acts of employees it represents. Any employee who participates in or encourages any activity prohibited by paragraph 7.1 shall be immediately suspended from all work on the Project for a period equal to the greater of (a) 60 days; or (b) the maximum disciplinary period allowed under the applicable collective bargaining agreement for engaging in comparable unauthorized or prohibited activity.
- 7.3 During the term of this PLA, the Prime Contractor and its Subcontractors shall not engage in any lockout at the Project site of employees covered by this Agreement.
- 7.4 Upon notification of violations of this Article, the principal officer or officers of the local area Building and Construction Trades Council, and the Illinois AFL-CIO Statewide Project Labor Agreement Committee as appropriate, will immediately instruct, order and use their best efforts to cause the affiliated union or unions to cease any violations of this Article. A Trades Council and the Committee otherwise in compliance with the obligations under this paragraph shall not be liable for unauthorized acts of its affiliates.
- 7.5 In the event that activities in violation of this Article are not immediately halted through the efforts of the parties, any aggrieved party may invoke the special arbitration provisions set forth in paragraph 7.6 of this Article.
- 7.6 Upon written notice to the other involved parties by the most expeditious means available, any aggrieved party may institute the following special arbitration procedure when a breach of this Article is alleged:
- 7.6.A The party invoking this procedure shall notify the individual designated as the Permanent Arbitrator pursuant to Article III of the nature of the alleged violation; such notice shall be by the most expeditious means possible. The initiating party may also furnish such additional factual information as may be reasonably necessary for the Permanent Arbitrator to understand the relevant circumstances. Copies of any written materials provided to the arbitrator shall also be contemporaneously provided by the most expeditious means possible to the party alleged to be in violation and to all other involved parties.

Added 10/25/2012

- 7.6.B Upon receipt of said notice the Permanent Arbitrator shall set and hold a hearing within twenty-four (24) hours if it is contended the violation is ongoing, but not before twenty-four (24) hours after the written notice to all parties involved as required above.
- 7.6.C The Permanent Arbitrator shall notify the parties by facsimile or any other effective written means, of the place and time chosen by the Permanent Arbitrator for this hearing. Said hearing shall be completed in one session. A failure of any party or parties to attend said hearing shall not delay the hearing of evidence or issuance of an Award by the Permanent Arbitrator.
- 7.6.D The sole issue at the hearing shall be whether a violation of this Article has, in fact, occurred. An Award shall be issued in writing within three (3) hours after the close of the hearing, and may be issued without a written opinion. If any party desires a written opinion, one shall be issued within fifteen (15) days, but its issuance shall not delay compliance with, or enforcement of, the Award. The Permanent Arbitrator may order cessation of the violation of this Article, and such Award shall be served on all parties by hand or registered mail upon issuance.
- 7.6.E Such Award may be enforced by any court of competent jurisdiction upon the filing of the Award and such other relevant documents as may be required. Facsimile or other hardcopy written notice of the filing of such enforcement proceedings shall be given to the other relevant parties. In a proceeding to obtain a temporary order enforcing the Permanent Arbitrator's Award as issued under this Article, all parties waive the right to a hearing and agree that such proceedings may be ex parte. Such agreement does not waive any party's right to participate in a hearing for a final order of enforcement. The Court's order or orders enforcing the Permanent Arbitrator's Award shall be served on all parties by hand or by delivery to their last known address or by registered mail.
- 7.7 Individuals found to have violated the provisions of this Article are subject to immediate termination. In addition, IDOT reserves the right to terminate this PLA as to any party found to have violated the provisions of this Article.
- 7.8 Any rights created by statute or law governing arbitration proceedings inconsistent with the above procedure or which interfere with compliance therewith are hereby waived by parties to whom they accrue.
- 7.9 The fees and expenses of the Permanent Arbitrator shall be borne by the party or parties found in violation, or in the event no violation is found, such fees and expenses shall be borne by the moving party.

Added 10/25/2012

ARTICLE VIII – MISCELLANEOUS

- 8.1 If any Article or provision of this PLA shall be declared invalid, inoperative or unenforceable by operation of law or by final non-appealable order of any tribunal of competent jurisdiction, such provision shall be deemed severed or limited, but only to the extent required to render the remaining provisions of this PLA enforceable consistent with the intent of the parties. The remainder of this PLA or the application of such Article or provision to persons or circumstances other than those as to which it has been held invalid, inoperative or unenforceable shall not be affected thereby.
- 8.2 The term of this PLA shall commence as of and from the date of the notice of award to the Prime Contractor and shall end upon final acceptance by IDOT of all work on the Project by the parties hereto.
- 8.3 This PLA may not be changed or modified except by the subsequent written agreement of the parties. All parties represent that they have the full legal authority to enter into this PLA. This PLA may be executed by the parties in one or more counterparts.
- 8.4 Any liability arising out of this PLA shall be several and not joint. IDOT shall not be liable to any person or other party for any violation of this PLA by any other party, and no Contractor or Union shall be liable for any violation of this PLA by any other Contractor or Union.
- 8.5 The failure or refusal of a party to exercise its rights hereunder in one or more instances shall not be deemed a waiver of any such rights in respect of a separate instance of the same or similar nature.

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Added 10/25/2012

Execution Page

Illinois Department of Transportation

William R. Frey, Interim Director of Highways

Matthew R. Hughes, Director - Finance & Administration

Ellen Schanzle-Haskins, Chief Counsel

Ann L. Schneider, Secretary

(Date)

Illinois AFL-CIO Statewide Project Labor Agreement Committee, representing the local unions listed below:

(Date)

List Union Locals:

**** RETURN WITH BID ****

Exhibit A – Contractor Letter of Assent

(Date)

To All Parties:

In accordance with the terms and conditions of the contract for Construction Work on [Contract No. 68620], this Letter of Assent hereby confirms that the undersigned Prime Contractor or Subcontractor agrees to be bound by the terms and conditions of the Project Labor Agreement established and entered into by the Illinois Department of Transportation in connection with said Project.

It is the understanding and intent of the undersigned party that this Project Labor Agreement shall pertain only to the identified Project. In the event it is necessary for the undersigned party to become signatory to a collective bargaining agreement to which it is not otherwise a party in order that it may lawfully make certain required contributions to applicable fringe benefit funds, the undersigned party hereby expressly conditions its acceptance of and limits its participation in such collective bargaining agreement to its work on the Project.

(Authorized Company Officer)

(Company)

**** RETURN WITH BID ****

Added 10/25/2012