

September 7, 2016

SUBJECT: FAI Route 90/FAI Route 190 (I-90/190) Project ACNHPP-0090(401) Section 1517R-1(13) Cook County Contract No. 60X56 Item No. 10, September 16, 2016 Letting Addendum A

NOTICE TO PROSPECTIVE BIDDERS:

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

- 1. Replaced the Schedule of Prices
- 2. Revised page vi of the Table of Contents to the Special Provisions
- 3. Revised pages 8, 103-107 and 442 of the Special Provisions
- 4. Added pages 656 & 657 to the Special Provisions
- 5. Revised sheets 1, 3, 5-9, 15, 18-20, 23, 45-48, 54, 87, 100-102, 323, 349, 387 & 393-396 of the Plans
- 6. Added sheet 86A to the Plans

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

Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Very truly yours,

Maureen M. Addis, P.E. Acting Bureau Chief of Design & Environment

Jette alserby AE.

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

cc: J.A. Fortmann, Region 1, District 1; Tim Kell; D. Carl Puzey; Estimates

MS/kf

State Job # - C-91-133-14

County Name -COOK- -Code -31 - -District -1 - -Section Number -1517R-1(13)

Project NumberRouteACNHPP-0090/401/FAI 90*REVISED: SEPTEMBER 1, 2016FAI 190

ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
JI312022	STABIL SUBBASE WMA 3	SQ YD	981.000				
JI406510	WMA SC "D" N70	TON	197.000				
JI420010	PCC PAVEMENT 12 JOINT	SQ YD	828.000				
JI420027	PROTECTIVE COAT	SQ YD	1,026.000				
JI420040	BRIDGE APPROACH SLAB	SQ YD	274.000				
JI420041	TRANS APPROACH SLAB	SQ YD	248.000				
JI440015	HMA REMOVAL VAR DEPTH	SQ YD	195.000				
JI481070	AGG SHLDR SPEC TYPE C	TON	64.000				
JI481130	AGG SHLDR FLTFAB TB 4	SQ YD	130.000				
JI482104	WMA SHOULDERS 6	SQ YD	1,219.000				
JI503010	HP CONC SUP-STR	CU YD	1,057.400				
JI602030	CATCH BASIN TG-2	EACH	3.000				
JI606010	GUTTER TG-2	FOOT	153.000				
JI606015		FOOT	907.000				
JI606040	CONCRETE FLUME	FOOT	25.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
JI630004	GSPBGR TA 9FT POSTS	FOOT	200.000				
JI631112	TRAF BAR TERM,T1-A SP	EACH	2.000				
JI631120	TRAF BAR TERM,T2	EACH	1.000				
JI631130	TRAF BAR TERM,T6	EACH	1.000				
JI631135	TRAF BAR TERM TT6B	EACH	1.000				
JI631140	TRAF BAR TERM TT10	EACH	1.000				
JI635010	ROADWAY DELINEATORS	EACH	9.000				
JI642014	ASPH SH RUM STRIP 16"	FOOT	653.000				
JI680120	SLOP HDWL TIII 6 1:3	EACH	2.000				
JI680131	SLOP HDWL TIII 12 1:4	EACH	1.000				
JI782014	GDRL BAR REFL, TYPE B	EACH	5.000				
JI782022	BARR WALL REF TYPE C	EACH	29.000				
JI782110	TERMINAL MARKER DA	EACH	3.000				
JS733B40	OSS CANT TY STL 40 FT	FOOT	40.000				
JS734B10	FDN OSS CANT T IVBW	CU YD	46.300				

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Project NumberRouteACNHPP-0090/401/FAI 90*REVISED: SEPTEMBER 1, 2016FAI 190

Route FAI 90 FAI 190

ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
JS810879	UNDRGRD C CNC 4	FOOT	45.000				
JS813083	JUN BX SS AS 18X18X8	EACH	1.000				
JS816076	UD 4#2#4GXLPUSE 2 CNC	FOOT	645.000				
JS817214	EC C XLP USE 1C 4	FOOT	1,190.000				
JS817215	EC C XLP USE 1C 2	FOOT	4,310.000				
JS821100	LUM LED HM	EACH	7.000				
JS830003	GM LP ALUM 50H 15MA	EACH	1.000				
JS830006	BM LP ALUM 50H 12MA	EACH	4.000				
JS830013	WM LP ALUM 50H 12MA	EACH	2.000				
JS836002	LPF (RDWY) SH-10'	EACH	1.000				
JS846001	MAINTAIN LIGHT SYS	L SUM	1.000				
JT211A11	SUBGRADE AGGREGATE 12	CU YD	1,146.000				
JT525125	BOND PREF JT SEAL 2	FOOT	32.000				
JT599032	FORM LINER MOCKUP	L SUM	1.000				
JT599034	FORM LINER	SQ FT	11,436.000				

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Project NumberRouteACNHPP-0090/401/FAI 90*REVISED: SEPTEMBER 1, 2016FAI 190

ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
JT780JA1	GROOVING RPM LN 5 GR	FOOT	2,058.000				
JT780300	MULTI-POLY PM LINE 4	FOOT	3,870.000				
JT780310	MULTI-POLY PM LINE 6	FOOT	38.000				
JT780320	MULTI-POLY PM LINE 10	FOOT	900.000				
JT780325	MULTI-POLY PM LINE 12	FOOT	335.000				
JT830042	WOOD POLE 90 CL 2	EACH	1.000				
X0322247	MAIN EX TRAFFIC SURV	L SUM	1.000				
X0322441	DIG LOOP DET SEN U 4C	EACH	4.000				
X0322442	TONE EQ 3 FRE REC PRG	EACH	13.000				
X0322443	TONE EQ 3 FREQ TR PRG	EACH	13.000				
X0322444	TONE EQ POWER SUPPLY	EACH	4.000				
X0322445	TONE EQ MOUNT FRAME	EACH	4.000				
X0322916	PRO SS CONN TO EX SS	EACH	3.000				
X0323261	TEMP SEDIMENT BASIN	EACH	1.000				
X0323524	REM EX SURVEIL CAM EQ	EACH	4.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X0323917	CABINET MODEL 334	EACH	4.000				
X0324597	CCTV CABINET	EACH	3.000				
*ADD X0324599	ROD AND CLEAN EX COND	FOOT	400.000				
X0325003	REM EX VALVE & VAULT	EACH	1.000				
X0325040	FO INNERDUCT 1 1/4"	FOOT	14,199.000				
X0325405	FILL EX STORM SEWERS	CU YD	892.000				
X0325476	RADAR VEH DETECT SYST	EACH	4.000				
X0326266	ETHERNET SWITCH	EACH	7.000				
X0326465	MOD EX VID DSTN SYS	L SUM	1.000				
X0326945	CCTV CAMERA EQUIPMENT	EACH	7.000				
X0327114	RADAR VEH SENSING SYS	EACH	1.000				
X0327117	ATMS SYS INTEGRATION	L SUM	1.000				
X0327216	CCTV CAMERA	EACH	7.000				
X0327261	CAB HOUSING EQU TY 4	EACH	1.000				
X0327303	REM EX SIGN LT UNT NS	EACH	1.000				

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FAI 190

ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X0327392	WOOD POLE 60 CL 4	EACH	3.000				
X0327393	WOOD POLE 100 CL 2	EACH	25.000				
X0327601	CCTV CAM STR FD 80 MH	FOOT	83.000				
X0327602	CCTV CAM STR GS 80 MH	EACH	4.000				
X0327606	FIBER OPT SPL-LATERAL	EACH	17.000				
X0327976	TRACK MONITORING	CAL DA	90.000				
X0327979	PAVMT MRKG REM GRIND	SQ FT	35,318.000				
X0327980	PAVMT MRKG REM WTR BL	SQ FT	8,743.000				
X1200071	WTR MTR IN VAULT 8"	EACH	1.000				
X1200072	STL CAS P BOR/JKD 16	FOOT	470.000				
X1200074	CDWM PRMT/TSTNG FEES	L SUM	1.000				
X1400170	FOC SPL CLOSURE WT	EACH	5.000				
X1400171	FO SPLICE ENCLOSURE	EACH	1.000				
X1400172		FOOT	924.000				
X1700016	CONC BAR SF 54 SPL	FOOT	100.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X4060002	P HMA BC SMA 12.5 N80	TON	4,126.000				
X4060006	P HMA SC SMA 12.5 N80	TON	4,126.000				
X5030225	CONC STRUCT SPL	CU YD	151.000				
X5210120	HLMR BRG GUID EXP 250	EACH	12.000				
X5210220	HLMR BRG GUID EXP 750	EACH	12.000				
X5210370	HLMR BRNG FIXED 800K	EACH	6.000				
X5610651	ABAN EX WM FILL CLSM	FOOT	1,525.000				
X5860110	GRANULAR BACKFILL STR	CU YD	1,135.000				
X6020094	MAN TA 6D T1F CL R-P	EACH	1.000				
X6060097	CLASS SI CONC OUT SPL	CU YD	2.000				
X6370159	CONC BAR 1F 32HT SPL	FOOT	1,245.000				
X6370700	CONC BAR TRANS SPL	FOOT	75.000				
X6700410	ENGR FLD OFF A SPL	CAL MO	24.000				
X7011015	TR C-PROT EXPRESSWAYS	L SUM	1.000				
X7013820	TR CONT SURVEIL EXPWY	CAL DA	600.000				

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Project NumberRouteACNHPP-0090/401/FAI 90*REVISED: SEPTEMBER 1, 2016FAI 190

ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X7030025	WET REF TEM TP T3 L&S	SQ FT	149.000				
X7030030	WET REF TEM TAPE T3 4	FOOT	27,371.000				
X7030035	WET REF TEM TAPE T3 5	FOOT	7,960.000				
X7030045	WET REF TEM TAPE T3 8	FOOT	8,891.000				
X7030050	WET REF TEM TPE T3 12	FOOT	100.000				
X7040125	PIN TEMP CONC BARRIER	EACH	1,590.000				
X8040310	ELECT SERV DISCONNECT	EACH	1.000				
X8130115	DRILL EX JUNCTION BOX	EACH	6.000				
X8210080	TEMP LUM HPSV HM1000W	EACH	25.000				
X8420502	REM LT TOWER NO SALV	EACH	8.000				
X8420510	REM TOWER FDN	EACH	8.000				
X8710035	FIB OPT CBL 96F SM	FOOT	11,790.000				
X8710036	FIB OPT CBL 12F SM	FOOT	8,321.000				
X8710054		EACH	9.000				
	EC C LEAD 18 4C TW SH	FOOT	740.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X8772115	TEMP MA A 15	EACH	25.000				
X8780105	CONC FDN SPL	EACH	4.000				
X8850102	INDUCTION LOOP	FOOT	526.000				
X8950510	REM FOC FR CONDUIT	FOOT	951.000				
X8950700	REM TEMP INTERCONNECT	L SUM	1.000				
Z0005216	HMA STAB 6 AT SPBGR	SQ YD	921.000				
Z0007510	ENGINEERED BARRIER	SQ YD	1,475.000				
Z0013797	STAB CONSTR ENTRANCE	SQ YD	209.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0018100	DRAINAGE STR ADJ SPL	EACH	15.000				
Z0018500	DRAINAGE STR CLEANED	EACH	46.000				
Z0019600	DUST CONTROL WATERING	UNIT	60.000				
Z0022800	FENCE REMOVAL	FOOT	2,198.000				
Z0030850	TEMP INFO SIGNING	SQ FT	1,105.000				
Z0033020	LUM SFTY CABLE ASMBLY	EACH	5.000				

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Project NumberRcACNHPP-0090/401/FA*REVISED: SEPTEMBER 1, 2016FA

Route FAI 90 FAI 190

ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
Z0033028	MAINTAIN LIGHTING SYS	CAL MO	21.000				
Z0033052	COMMUNICATIONS VAULT	EACH	9.000				
Z0034105	MATL TRANSFER DEVICE	TON	8,252.000				
Z0034393	MODULAR EXPAN JT 9	FOOT	76.000				
Z0046306	P UNDR FOR STRUCT 6	FOOT	1,227.000				
Z0048665	RR PROT LIABILITY INS	L SUM	1.000				
Z0056678	SS 2 WAT MN 36	FOOT	28.000				
Z0062456	TEMP PAVEMENT	SQ YD	2,154.000				
Z0065745	SLOT DR 12" W/2.5" SL	FOOT	590.000				
Z0076600	TRAINEES	HOUR	2,000.000		0.800		1,600.000
Z0076604	TRAINEES TPG	HOUR	2,000.000		15.000		30,000.000
20100110	TREE REMOV 6-15	UNIT	843.000				
20100210	TREE REMOV OVER 15	UNIT	224.000				
20101000	TEMPORARY FENCE	FOOT	545.000				
*REV 20200100	EARTH EXCAVATION	CU YD	11,184.000				

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Project NumberRouteACNHPP-0090/401/FAI 90*REVISED: SEPTEMBER 1, 2016FAI 190

Route FAI 90 FAI 190

ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
*REV 202012	00 REM & DISP UNS MATL	CU YD	4,733.000				
*REV 204008	00 FURNISHED EXCAVATION	CU YD	7,586.000				
208001	50 TRENCH BACKFILL	CU YD	20,784.000				
210010	00 GEOTECH FAB F/GR STAB	SQ YD	28,541.000				
*REV 211016	25 TOPSOIL F & P 6	SQ YD	37,570.000				
250002	0 SEEDING CL 2A	ACRE	7.800				
250004	00 NITROGEN FERT NUTR	POUND	699.000				
250006	00 POTASSIUM FERT NUTR	POUND	699.000				
251001	15 MULCH METHOD 2	ACRE	2.000				
251006	80 EROSION CONTR BLANKET	SQ YD	34,399.000				
280002	50 TEMP EROS CONTR SEED	POUND	711.000				
280003	5 TEMP DITCH CHECKS	FOOT	168.000				
280004	00 PERIMETER EROS BAR	FOOT	5,326.000				
280005	IO INLET FILTERS	EACH	124.000				
280011	00 TEMP EROS CONTR BLANK	SQ YD	34,399.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
28100101	STONE RIPRAP CL A1	SQ YD	7.000				
28200200	FILTER FABRIC	SQ YD	7.000				
*REV 30300001	AGG SUBGRADE IMPROVE	CU YD	6,905.000				
30300112	AGG SUBGRADE IMPR 12	SQ YD	28,541.000				
31101200	SUB GRAN MAT B 4	SQ YD	2,154.000				
35501314	HMA BASE CSE 7 1/2	SQ YD	15,495.000				
40600290	BIT MATLS TACK CT	POUND	48,387.000				
40600982	HMA SURF REM BUTT JT	SQ YD	65.000				
40603085	HMA BC IL-19.0 N70	TON	591.000				
40603340	HMA SC "D" N70	TON	800.000				
42001300	PROTECTIVE COAT	SQ YD	2,609.000				
44000100	PAVEMENT REM	SQ YD	8,312.000				
*ADD 44000157	HMA SURF REM 2	SQ YD	2,108.000				
44000165	HMA SURF REM 4	SQ YD	25,320.000				
44000500	COMB CURB GUTTER REM	FOOT	310.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
44001980	CONC BARRIER REMOV	FOOT	392.000				
44004250	PAVED SHLD REMOVAL	SQ YD	10,298.000				
44300200	STRIP REF CR CON TR	FOOT	2,843.000				
48101600	AGGREGATE SHLDS B 8	SQ YD	1,943.000				
48203043	HMA SHOULDERS 11 1/2	SQ YD	7,486.000				
48203052	HMA SHOULDERS 13 3/4	SQ YD	3,576.000				
50157300	PROTECTIVE SHIELD	SQ YD	2,228.000				
50200100	STRUCTURE EXCAVATION	CU YD	3,539.000				
50300225	CONC STRUCT	CU YD	3,255.000				
50300255	CONC SUP-STR	CU YD	415.400				
*REV 50300260	BR DECK GROOVING	SQ YD	3,361.000				
*REV 50300300	PROTECTIVE COAT	SQ YD	5,215.000				
50500105	F & E STRUCT STEEL	L SUM	1.000				
50500505	STUD SHEAR CONNECTORS	EACH	15,987.000				
*REV 50800205	REINF BARS, EPOXY CTD	POUND	742,751.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
5080	00515 BAR SPLICERS	EACH	82.000				
*REV 5120	00956 FUR M S PILE 12X0.179	FOOT	17,811.000				
5120	1400 FUR STL PILE HP10X42	FOOT	725.000				
5120	FUR STL PILE HP14X73	FOOT	9,595.000				
*REV 5120	02305 DRIVING PILES	FOOT	28,131.000				
5120	3200 TEST PILE MET SHELLS	EACH	7.000				
5120	03400 TEST PILE ST HP10X42	EACH	2.000				
5120	3800 TEST PILE ST HP14X73	EACH	5.000				
*ADD 5120	04650 PILE SHOES	EACH	12.000				
5150	00100 NAME PLATES	EACH	1.000				
521(00540 ANCHOR BOLTS 1 1/2	EACH	132.000				
5421	3657 PRC FLAR END SEC 12	EACH	1.000				
5421	3681 PRC FLAR END SEC 36	EACH	1.000				
550 <i>A</i>	00050 STORM SEW CL A 1 12	FOOT	89.000				
550 <i>A</i>	0070 STORM SEW CL A 1 15	FOOT	289.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
550A0110	STORM SEW CL A 1 21	FOOT	21.000				
550A0120	STORM SEW CL A 1 24	FOOT	210.000				
550A0340	STORM SEW CL A 2 12	FOOT	828.000				
550A0360	STORM SEW CL A 2 15	FOOT	35.000				
550A0380	STORM SEW CL A 2 18	FOOT	68.000				
550A0410	STORM SEW CL A 2 24	FOOT	415.000				
550A0430	STORM SEW CL A 2 30	FOOT	246.000				
550A0450	STORM SEW CL A 2 36	FOOT	280.000				
550A0750	STORM SEW CL A 3 36	FOOT	1,024.000				
550A0770	STORM SEW CL A 3 42	FOOT	166.000				
550A0780	STORM SEW CL A 3 48	FOOT	140.000				
550A0790	STORM SEW CL A 3 54	FOOT	360.000				
550A1050	STORM SEW CL A 4 36	FOOT	75.000				******
550A1090	STORM SEW CL A 4 54	FOOT	370.000				*****
550A1110	STORM SEW CL A 4 66	FOOT	1,693.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
55100500	STORM SEWER REM 12	FOOT	520.000				
55101200	STORM SEWER REM 24	FOOT	37.000				
55101600	STORM SEWER REM 36	FOOT	33.000				
55102200	STORM SEWER REM 66	FOOT	693.000				
55201300	STORM SEWERS JKD 36	FOOT	50.000				
55201700	STORM SEWERS JKD 54	FOOT	50.000				
56103100	DIWATER MAIN 8	FOOT	1,395.000				
58700300	CONCRETE SEALER	SQ FT	6,610.000				
59100100	GEOCOMPOSITE WALL DR	SQ YD	1,265.000				
60108106	PIPE UNDERDR T 1 6	FOOT	3,005.000				
60108200	PIPE UNDERDRAIN 6 SP	FOOT	23.000				
60200805	CB TA 4 DIA T8G	EACH	1.000				
60201310	CB TA 4 DIA T20F&G	EACH	30.000				
60205010	CB TA 5 DIA T20F&G	EACH	1.000				
60218400	MAN TA 4 DIA T1F CL	EACH	4.000				

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60221100	MAN TA 5 DIA T1F CL	EACH	7.000				
60223800	MAN TA 6 DIA T1F CL	EACH	2.000				
60224446	MAN TA 7 DIA T1F CL	EACH	10.000				
60224469	MAN TA 9 DIA T1F CL	EACH	3.000				
60237420	INLETS TA T20F&G	EACH	21.000				
60240324	INLETS TB T20F&G	EACH	10.000				
60250200	CB ADJUST	EACH	27.000				
60255500	MAN ADJUST	EACH	1.000				
60260100	INLETS ADJUST	EACH	18.000				
60500040	REMOV MANHOLES	EACH	5.000				
60500050	REMOV CATCH BAS	EACH	5.000				
60500060	REMOV INLETS	EACH	3.000				
60602800	CONC GUTTER TB	FOOT	392.000				
63000001	SPBGR TY A 6FT POSTS	FOOT	1,650.000				
63100045	TRAF BAR TERM T2	EACH	1.000				

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County Name -COOK- -Code -31 - -District -1 - -Section Number -1517R-1(13)

Project NumberRouteACNHPP-0090/401/FAI 90*REVISED: SEPTEMBER 1, 2016FAI 190

ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
63100070	TRAF BAR TERM T5	EACH	1.000				
63100085	TRAF BAR TERM T6	EACH	4.000				
63100167	TR BAR TRM T1 SPL TAN	EACH	4.000				
63200310	GUARDRAIL REMOV	FOOT	1,001.000				
63500105	DELINEATORS	EACH	40.000				
63700155	CONC BAR 1F 32HT	FOOT	538.000				
63700255	CONC BAR 2F 32HT	FOOT	2,263.000				
63700805	CONC BAR TRANS	FOOT	13.000				
63700900	CONC BARRIER BASE	FOOT	2,901.000				
64200116	SHOULDER RUM STRIP 16	FOOT	15,771.000				
66400105	CH LK FENCE 4	FOOT	2,176.000				
66900200	NON SPL WASTE DISPOSL	CU YD	18,500.000				
66900450	SPL WASTE PLNS/REPORT	L SUM	1.000				
66900530	SOIL DISPOSAL ANALY	EACH	9.000				
67000600	ENGR FIELD LAB	CAL MO	21.000				

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County Name -COOK- -Code -31 - -District -1 - -Section Number -1517R-1(13)

Project NumberRouteACNHPP-0090/401/FAI 90*REVISED: SEPTEMBER 1, 2016FAI 190

ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
67100100	MOBILIZATION	L SUM	1.000				
70106800	CHANGEABLE MESSAGE SN	CAL MO	55.000				
70300240	TEMP PVT MK LINE 6	FOOT	9,876.000				
70300906	PAVT MARK TAPE T4 6	FOOT	800.000				
*REV 70400100	TEMP CONC BARRIER	FOOT	5,393.000				
*REV 70400200	REL TEMP CONC BARRIER	FOOT	4,619.000				
70600250	IMP ATTN TEMP NRD TL3	EACH	3.000				
*REV 70600260	IMP ATTN TEMP FRN TL3	EACH	2.000				
70600350	IMP ATTN REL NRD TL3	EACH	4.000				
72000200	SIGN PANEL T2	SQ FT	64.000				
72000300	SIGN PANEL T3	SQ FT	3,965.000				
72400200	REMOV SIN PAN ASSY TB	EACH	7.000				
72400310	REMOV SIGN PANEL T1	SQ FT	9.000				
72400320	REMOV SIGN PANEL T2	SQ FT	67.000				
72400330	REMOV SIGN PANEL T3	SQ FT	1,274.000				

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County Name -COOK- -Code -31 - -District -1 - -Section Number -1517R-1(13)

Project NumberRouteACNHPP-0090/401/FAI 90*REVISED: SEPTEMBER 1, 2016FAI 190

Route FAI 90 FAI 190

ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
72400600	RELOC SIN PAN ASSY TB	EACH	1.000				
72400720	RELOC SIGN PANEL T2	SQ FT	24.000				
72501000	TERMINAL MARKER - DA	EACH	6.000				
72700100	STR STL SIN SUP BA	POUND	10,007.000				
72900200	METAL POST TY B	FOOT	132.000				
73000100	WOOD SIN SUPPORT	FOOT	26.000				
73300100	OVHD SIN STR-SPAN T1A	FOOT	118.000				
73300300	OVHD SIN STR-SPAN T3A	FOOT	100.000				
73302200	OSS CANT 3CA 2-6X7-0	FOOT	35.000				
73400100	CONC FOUNDATION	CU YD	15.800				
73400200	DRILL SHAFT CONC FDN	CU YD	107.400				
73600100	REMOV OH SIN STR-SPAN	EACH	2.000				
73700100	REM GR MT SIN SUPPORT	EACH	13.000				
73700200	REM CONC FDN-GR MT	EACH	13.000				
73700300	REM CONC FDN-OVHD	EACH	2.000				

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State Job # -

County Name -COOK--Code -31 - -District -1 - -Section Number - 1517R-1(13) **Project Number** Route ACNHPP-0090/401/ FAI 90 FAI 190 *REVISED: SEPTEMBER 1, 2016

ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
78000100	THPL PVT MK LTR & SYM	SQ FT	218.000				
78000200	THPL PVT MK LINE 4	FOOT	14,042.000				
78000500	THPL PVT MK LINE 8	FOOT	7,681.000				
78000600	THPL PVT MK LINE 12	FOOT	972.000				
78004220	PREF PL PM TB INL L5	FOOT	3,021.000				
78004240	PREF PL PM TB INL L8	FOOT	703.000				
78005100	EPOXY PVT MK LTR-SYM	SQ FT	388.000				
78005110	EPOXY PVT MK LINE 4	FOOT	11,723.000				
78005120	EPOXY PVT MK LINE 5	FOOT	4,674.000				
78005140		FOOT	15,896.000				
78005150	EPOXY PVT MK LINE 12	FOOT	1,080.000				
78009004		FOOT	261.000				
78009005		FOOT	65.000				
78009008		FOOT	327.000		•	1	
	RAISED REFL PAVT MKR	EACH	410.000		•	-	

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County Name -COOK- -Code -31 - -District -1 - -Section Number -1517R-1(13)

Project NumberRouteACNHPP-0090/401/FAI 90*REVISED: SEPTEMBER 1, 2016FAI 190

ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
78100105	RAISED REF PVT MKR BR	EACH	13.000				
78200420	GUARDRAIL MKR TYPE B	EACH	31.000				
78200530	BAR WALL MKR TYPE C	EACH	925.000				
78300200	RAISED REF PVT MK REM	EACH	260.000				
80400200	ELECT UTIL SERV CONN	L SUM	1.000				
81028200	UNDRGRD C GALVS 2	FOOT	3,967.000				
81028220	UNDRGRD C GALVS 3	FOOT	576.000				
81028240	UNDRGRD C GALVS 4	FOOT	1,024.000				
81028730	UNDRGRD C CNC 1 1/4	FOOT	27.000				
81100320	CON AT ST 1 PVC GS	FOOT	280.000				
81100805	CON AT ST 3 PVC GALVS	FOOT	120.000				
*ADD 81200270	CON EMB STR 4 PVC	FOOT	150.000				
81300220	JUN BX SS AS 6X6X4	EACH	4.000				
81300530	JUN BX SS AS 12X10X6	EACH	1.000				
81300800	JUN BX SS AS 18X12X6	EACH	1.000				

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State Job # - C-91-133-14

County Name -COOK- -Code -31 - -District -1 - -Section Number -1517R-1(13)

Project NumberRouteACNHPP-0090/401/FAI 90*REVISED: SEPTEMBER 1, 2016FAI 190

ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
81400200	HD HANDHOLE	EACH	16.000				
81603080	UD 3#2#4GXLPUSE 1 1/4	FOOT	4,480.000				
81702110	EC C XLP USE 1C 10	FOOT	1,120.000				
81702120	EC C XLP USE 1C 8	FOOT	333.000				
81702130	EC C XLP USE 1C 6	FOOT	7,149.000				
*REV 81702140	EC C XLP USE 1C 4	FOOT	2,033.000				
*ADD 81702150	EC C XLP USE 1C 2	FOOT	630.000				
81800230	A CBL 2-1C6 MESS WIRE	FOOT	2,053.000				
*REV 81800300	A CBL 3-1C2 MESS WIRE	FOOT	7,485.000				
81800400	A CBL 4-1C2 MESS WIRE	FOOT	132.000				
82102400	LUM SV HOR MT 400W	EACH	5.000				
82105600	LUM SV HM HOR MT 400W	EACH	84.000				
82107100	UNDERPAS LUM 70W HPS	EACH	4.000				
83050825	LT P A 47.5MH 15DA	EACH	5.000				
83504500	LT TOWER 120MH LM 8	EACH	6.000				

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State Job # - C-91-133-14

County Name -COOK- -Code -31 - -District -1 - -Section Number -1517R-1(13)

Project NumberRouteACNHPP-0090/401/FAI 90*REVISED: SEPTEMBER 1, 2016FAI 190

ltem Unit of Number **Pay Item Description** Measure Quantity **Unit Price Total Price** Х = EACH 83504700 LT TOWER 120MH LM 12 1.000 FOOT 83600200 LIGHT POLE FDN 24D 40.000 FOOT 83700350 LT TOWER FDN 54D 210.000 84100110 REM TEMP LIGHT UNIT EACH 25.000 7.000 84200600 REM LT U NO SALV EACH 84200804 REM POLE FDN EACH 7.000 EACH 84500120 REMOV ELECT SERV INST 1.000 87200400 SPAN WIRE FOOT 3,752.000 *ADD 87300748 ELCBL C COMM 19 100PR FOOT 210.000 87800200 CONC FDN TY D FOOT 4.000 87900205 DRILL EX HD HANDHOLE EACH 9.000 89502300 REM ELCBL FR CON FOOT 2,576.000 EACH 89502380 REMOV EX HANDHOLE 4.000 EACH 89502385 REMOV EX CONC FDN 5.000

Page 24 9/7/2016 CONTRACT NUMBER

THIS IS THE TOTAL BID \$

60X56

NOTES:

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

WEEP HOLE DRAINS FOR ABUTMENTS, WINGWALLS, RETAINING WALLS AND CULVERTS

BRIDGE DECK CONSTRUCTION	
BUTT JOINTS (BDE)	
COARSE AGGREGATE QUALITY (BDE)	
CONCRETE END SECTIONS FOR PIPE CULVERTS (BDE)	
CONSTRUCTION AIR QUALITY – DIESEL RETROFIT (BDE)	
DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION (BDE)	
ENGINEER'S FIELD OFFICE (BDE)	
EQUAL EMPLOYMENT OPPORTUNITY (BDE)	
ERRATA FOR THE 2016 STANDARD SPECIFICATIONS (BDE)	510
GROOVING FOR RECESSED PAVEMENT MARKINGS (BDE)	514
LIGHT POLES (BDE)	516
LIGHT TOWER (BDE)	516
MAST ARM ASSEMBLY AND POLE (BDE)	517
OVERHEAD SIGN STRUCTURES - CERTIFICATION OF METAL FABRICATOR (BDE))517
PAVEMENT MARKING REMOVAL (BDE)	518
PROGRESS PAYMENTS (BDE)	519
STEEL SLAG IN TRENCH BACKFILL (BDE)	
TEMPORARY CONCRETE BARRIER (BDE)	
TRAINING SPECIAL PROVISIONS (BDE)	
IDOT TRAINING PROGRAM GRADUATE ON-THE-JOB TRAINING SPECIAL PROVI	SION (TPG)
WARM MIX ASPHALT (BDE)	
WEEKLY DBE TRUCKING REPORTS (BDE)	
BITUMINOUS MATERIALS COST ADJUSTMENTS (BDE) (RETURN FORM WITH BID)	
FUEL COST ADJUSTMENT (BDE) (RETURN FORM WITH BID)	
STEEL COST ADJUSTMENT (BDE) (RETURN FORM WITH BID)	537
STORM WATER POLLUTION PREVENTION PLAN	541
APPENDIX A: CTA REQUIREMENTS FOR CONTRACTORS WORKING ALONG THE	RIGHT-OF-
WAY (R.O.W.)	556
APPENDIX B: CHICAGO DEPARTMENT OF WATER MANAGAMENT (CDWM)	TECHNICAL
SPECIFICATIONS FOR WATER MAIN CONSTRUCTION	
UTILTIES TO BE ADJUSTED	

FAA COORDINATION

Coordination for this project was required with the Federal Aviation Administration (FAA) during the design phase. Permits were required and submitted to the FAA. Approval was given by the FAA for the height of all permanent features of the project above the ground line. In addition, the Department secured approval for temporary use of construction equipment for the planned work items. FAA permit details are available from the Department prior to the letting. Please contact the Project Manager listed on the cover sheet. Assumptions were made when applying for the temporary use of construction equipment. It is the contractor's responsibility to secure a new permit at his cost with no additional time allowed if the approved permits for the temporary use of construction equipment. It is the contractor's responsibility to secure a new permit at his cost with no additional time allowed if the approved permits for the temporary use of construction equipment. It is the contractor's responsibility to secure a new permit at his cost with no additional time allowed if the approved permits for the temporary use of construction equipment. It is the contractor's responsibility to secure a new permit at his cost with no additional time allowed if the contractor's means and methods deviate beyond the allowable limits from the parameters of any the approved permits for the temporary use of construction equipment. It is the contractor's responsibility to determine what the allowable limits are by contacting the FAA or referring to their website. The minimum review time on permit submittals is 45 days.

All the FAA permits for this project will expire before the completion date of this project. The contractor shall reapply for each of the expiring permits at his cost with no additional time allowed. The minimum review time on permit submittals is 45 days.

The contractor will be expected to complete the project in accordance with the specified completion date. The contractor may refer to the FAA website for any further guidance. <u>https://oeaaa.faa.gov</u>

CTA FLAGGING AND COORDINATION

All work to be done by the Contractor on, over, or in close proximity of the CTA (Chicago Transit Authority) right-of-way and infrastructure shall be performed according to Article 107.12 of the Standard Specifications and this specification. This specification includes language from CTA Master Specification Section 01 35 15, "Special Project Procedures for Adjacent Construction." No interruption to CTA service will be allowed unless approved in writing by the CTA.

The CTA's Representative for this project will be:

Mr. Abdin Carrillo Project Manager, Construction Oversight (312) 681-3913

1.01 SUMMARY

- A. This section includes the requirements for safe construction operations on, above, below and adjacent to operating tracks of the CTA rail system. The Contractor shall be responsible for compliance with the CTA, *Safety Manual for Contract Construction On, Above, or Adjacent to the CTA Rail System* (in effect at such time).
- B. After the letting of the contract and prior to performing any work, the CTA Representative shall be notified by the Department to attend the preconstruction meeting. In this meeting, the Contractor shall confer with the CTA's Representative regarding the CTA's requirements for the protection of clearances, operations and safety.

Basis of Payment. This work will be paid for at the contract unit price per square yard for BRIDGE APPROACH SLAB.

Pay Item Number	I Designation	
JI420040	BRIDGE APPROACH SLAB	SQ YD

TRANSITION APPROACH SLAB (ILLINOIS TOLLWAY)

Effective: August 15, 2014

Revised: April 1, 2016

Description. This work shall consist of a slab composed of Portland Cement Concrete, constructed on a prepared Subbase in accordance with details shown in the plans.

Except as modified herein, the work performed under this special provision shall conform to the applicable portions of Sections 420, 503 and 520 of the Standard Specifications.

Materials. All materials shall conform to the requirements of Sections 420, 503 and 520 of the Standard Specifications except as follows:

- a) Concrete for Transition Approach Slabs, and Transition Approach Shoulder Slabs shall be in accordance with the Illinois Tollway special provision for Performance-Related Special Provision for High Performance Concrete Mix Designs for Concrete Superstructure.
- b) Reinforcement Bars shall be in accordance with Article 1006.10 of the Standard Specifications.
- c) Stabilized Subbase shall be in accordance with the Illinois Tollway Special Provision for Asphalt Stabilized Subbase.
- d) Subgrade Aggregate shall be in accordance with the Illinois Tollway special provision for Subgrade Aggregate or Illinois Tollway special provision for Subgrade Aggregate, Special.
- e) Expansion anchors, anchor studs, bolts, nuts, and washers shall be in accordance with Article 1006.09 of the Standard Specifications.
- f) Steel plates shall be in accordance with Article 1006.04 Grade 36 of the Standard Specifications.
- g) Dowel bars shall be in accordance with Article 1006.11 of the Standard Specifications.
- h) Hot-poured, low modulus polymer sealant shall meet the requirements of ASTM D6690.
- i) Steel plates, bolts, nuts and washers shall be hot-dipped galvanized in accordance with AASHTO M 111.
- j) Bonded Preformed Joint Seal shall be in accordance with the Illinois Tollway special provision for Bonded Preformed Joint Seal.
- k) Protective Coat shall be in accordance with Section 1023 of the Standard Specifications.
- I) The Elastomeric sheet shall be in accordance with Article 1083.02(a) of the Standard Specifications.

Equipment. Equipment shall conform to the applicable requirements of Sections 420, 503 and 520 of the Standard Specifications, except as modified herein in accordance with the construction requirements, and shall be subject to the approval of the Engineer.

CONSTRUCTION REQUIREMENTS

The TRANSITION APPROACH SLAB and TRANSITION APPROACH SHOULDER SLAB shall be constructed according to the details shown in the plans.

Stabilized Subbase shall be installed in accordance with the Illinois Tollway special provision for Asphalt Stabilized Subbase.

The Subgrade Aggregate or Subgrade Aggregate, Special of the thickness specified shall be installed in accordance with the Illinois Tollway special provision for Subgrade Aggregate or Illinois Tollway special provision for Subgrade Aggregate, Special.

Bonded Preformed Joint Seal shall be installed in accordance with the Illinois Tollway special provision for Bonded Preformed Joint Seal.

Protective Coat shall be applied in accordance with Article 420.18 of the Standard Specifications.

The final finish of the slabs shall be in accordance with the Illinois Tollway special provision for Portland Cement Concrete Pavement.

Method of Measurement. This work will be measured for payment in place, and the area computed in square yards. The area of the TRANSITION APPROACH SLAB will be computed as the final plan area calculated from the width dimension from the left outside edge of the concrete pavement to the right outside edge of the concrete pavement by the length of 70.00 feet plus the additional area required by the skew angle. The area of the TRANSITION APPROACH SHOULDER SLAB will be computed as the final plan area calculated from the width dimension from the outside edge of concrete pavement to the outside edge of concrete shoulder by the length.

Sealant, backer rod, drilling and grouting of dowel bars, dowel bar assemblies, expansion anchors, mechanical couplers, elastomeric sheet, steel batten plates, anchor studs, warm-mix asphalt, subgrade aggregate, tining, protective coat, reinforcement bars, and concrete will not be measured for payment and will be considered included in the cost of TRANSITION APPROACH SLAB, or TRANSITION APPROACH SHOULDER SLAB.

Basis of Payment. This work will be paid for at the contract unit price per square yard for TRANSITION APPROACH SLAB, or TRANSITION APPROACH SHOULDER SLAB.

Pay Item Number	Designation	Unit of Measure
JI420041	TRANSITION APPROACH SLAB	SQ YD
JI420046	TRANSITION APPROACH SHOULDER SLAB	SQ YD

FAI Route 90/FAI Route 190 (I-90/190) Project ACNHPP-0090 (401) Section 1517R-1(13) Cook County Contract No. 60X56

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CONCRETE STRUCTURES (TOLLWAY GBSP)

Effective: July 22, 2014

Revised: April 1, 2016

Description. This special provision shall consist of constructing cast-in-place concrete structures that shall include bridge deck and diaphragm elements of the superstructure constructed in one continuous operation between expansion or construction joints specified with Illinois Tollway Class HP high performance concrete. The concrete structure shall also include concrete parapets and railing elements of the superstructure that shall not be placed monolithically with the deck and shall be constructed using standard IDOT Class BS concrete. Section 503 of the Standard Specifications shall apply, except as modified herein.

Materials. Replace Article 503.02(a) of the Standard Specifications with the following:

"(a) Portland Cement Concrete for all portions of the structure excluding the bridge deck and diaphragms shall be in accordance with Section 1020 of the Standard Specifications. High Performance Concrete for deck and diaphragms of the concrete superstructure shall be Illinois Tollway Class HP concrete designed in accordance with the Illinois Tollway's "Performance Related Special Provision for High Performance Concrete Mix Designs for Concrete Superstructure."

CONSTRUCTION REQUIREMENTS

Add this sentence to the end of the ninth paragraph of Article 503.06 of the Standard Specifications:

"Where stainless steel reinforcement bars are specified, all metal items to remain in the concrete structure, such as tie bars, bolts, anchorages, and metal ties, shall be fabricated with stainless steel."

Add this sentence to the end of the first paragraph of Article 503.06(b) of the Standard Specifications to read:

"Where stainless steel reinforcement bars are specified, all metal tie rods, bolts, anchorages, brackets, and other forming hardware which is incorporated into the bridge deck shall be stainless steel."

Department of Buildings Plumbing Permit & Plan Section, City Hall 121 N LaSalle Street Room 906

<u>Method of Measurement</u>. CDWM permit and testing fee will be measured for payment on a lump sum basis and include a \$910.00 testing fee.

<u>Basis of Payment</u>. This work will be paid for at the contract unit price for lump sum basis for CDWM PERMIT AND TESTING FEE which includes all work and fees associated with obtaining the B-permit from the CDWM.

MAINTENANCE OF EXISTING TRAFFIC SURVEILLANCE

Effective: June 1, 1994

Revised: May 29, 2015

This item shall consist of maintaining the existing Traffic Surveillance locations in place as shown on the plans and as described herein. The energy charges for the operation of the Traffic Surveillance Installation shall be paid for by others.

The maintenance of existing Traffic Surveillance Installation shall meet the requirements of Section Art. 801.11 of the Standard Specifications, except as follows:

Full maintenance responsibility <u>shall</u> start as soon as the General Contractor or Subs begins any physical work on the Contract or any portion thereof. The General Contractor shall maintain the existing surveillance Installations located within the Contract limits, in compliance with the current State Electrical Maintenance Contract by a qualified electrical Sub-Contractor.

At least five days prior to maintenance assumption of the existing Traffic Surveillance Installation(s) under this Contract, the Contractor shall request that the Resident Engineer contact TSC for an inspection of the Installation(s). The TSC Engineer shall establish a date and time of inspection and at that time shall check the Installation to determine if any corrective work should be done by the State's Electrical Maintenance Contractor prior to the Contractor taking over maintenance of the Installation. The Resident Engineer, TSC Engineer, and the Contractor shall mutually agree on the date of maintenance transfer to the Contractor for this section.

Maintenance Procedures: The Electrical Sub-Contractor shall perform the following maintenance procedures for each existing Installation designated to remain in operation during Construction.

The electrical Sub-Contractor shall:

1. Patrol and inspect each surveillance Installation every two (2) weeks for general operation of the tone equipment and loop amplifiers to insure that they are functioning properly, check cabinet and or signal foundation tighten where necessary, check for proper alignment of signal heads (if applicable), lamp failures (if applicable), and shall be logged on the Surveillance Inspection and Repair Check List.

UTILTIES TO BE ADJUSTED

Utility companies and/or municipal owners located within the construction limits of this project have provided the following information in regard to their facilities and the proposed improvements. The tables below contain a description of specific conflicts to be resolved and/or facilities which will require some action on the part of the Department's contractor to proceed with work. Each table entry includes an identification of the action necessary and, if applicable, the estimated duration required for the resolution.

Conflicts noted below have been identified by following the suggested staging plan included in the contract. The company has been notified of all conflicts and will be required to obtain the necessary permits to complete their work; in some instances resolution will be a function of the construction staging. The responsible agency must relocate or complete new installations as noted in the action column; this work has been deemed necessary to be complete for the Department's contractor to then work in the stage under which the item has been listed.

LOCATION / TYPE DESCRIPTION	RESPONSIBLE AGENCY	ACTION
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Pre-Stage

No conflicts to be resolved

LOCATION / STAGE	TYPE	DESCRIPTION	RESPONSIBLE AGENCY	ACTION
---------------------	------	-------------	-----------------------	--------

Stage 1

EX I-90 Sta. 12" MOP line Conflict with proposed 8" water main Nicor 3014+00 (Just east of East River Road)	0 Days allation

Stage 2

No conflicts to be resolved

Stage 3

No conflicts to be resolved

Pre-Stage:	Days Total Installation
Stage 1: <u>30</u>	Days Total Installation
Stage 2:	Days Total Installation
Stage 3:	 Days Total Installation

Added 9/7/16

The following contact information is what was used during the preparation of the plans as provided by the Agency/Company responsible for resolution of the conflict.

Agency/Company Responsible to Resolve Conflict	Name of contact	Address	Phone	e-mail address
Nicor	Bruce Koppang	1844 Ferry Rd. Naperville, IL 60563	630-388-3046	bkoppan@aglresources.com

The above represents the best information available to the Department and is included for the convenience of the bidder. The days required for conflict resolution should be taken into account in the bid as this information has also been factored into the timeline identified for the project when setting the completion date. The applicable portions of the Standard Specifications for Road and Bridge Construction shall apply.

Estimated duration of time provided in the action column for the first conflicts identified will begin on the date of the executed contract regardless of the status of the utility relocations. The responsible agencies will be working toward resolving subsequent conflicts in conjunction with contractor activities in the number of days noted.

The estimated relocation dates must be part of the progress schedule submitted by the contractor. A utility kickoff meeting will be scheduled between the Department, the Department's contractor and the utility companies. The Department's contractor is responsible to contact J.U.L.I.E. prior to any and all excavation work.

Added 9/7/16