

June 8, 2017

SUBJECT: FAI Route 74 (I-74) Project NHPP-0074(324) Section (81-1)R & 81-1HVBR Rock Island County Contract No. 64C08 Item No. 1X, June 16, 2017 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 the Table of Contents to the Special Provisions
- 3. Revised pages 4,5,8,29-31,33-36,40,43,68-70,72-75,78,82-84, 188-199 of the Special Provisions
- 4. Added pages 293-295 to the Special Provisions
- 5. Revised sheets 3,9,11-21,23-26,28,29,35-38,46-56,58-60,63-75,77, 78,82,84,86,89,92,93,101,104,110,145,289,327,333-335,347, 350-352,354,355,391,410-413,456,457,465,466,497,502,516,526, 530,533,534,536,537,771-775,891-895,1029,1112,1113,1116,1139, 1140,1142,1150,1151,1153,1154,1165,1170,1171,1176-1187,1206, 1219,1221,1224,1234-1237,1448-1455,1497-1499 of the Plans
- 6. Added sheet 122A to the Plans
- 7. Added existing structure plans to Additional Information files on internet

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. Engineer of Design and Environment

Jedge abschbyer RE.

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

cc: Kevin Marchek, Region 2, District 2; Tim Kell; D. Carl Puzey; Estimates

JW/ck

State Job # - C-92-063-15

County Name -	ROCK ISLAND
Code -	161
District -	2
Section Number -	(81-1)R & 81-1HVBR

Project Number NHPP-0074/324/ \*REVISED: JUNE 08, 2017 Route FAI 74

ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X0301852	DEWATERING STRUCT N1	EACH	1.000				
X0301853	DEWATERING STRUCT N2	EACH	1.000				
X0320050	CONSTRUCTN LAYOUT SPL	L SUM	1.000				
X0322281	W A VID DET SYS COM	EACH	6.000				
X0322352	SEEDING MOBILIZATION	EACH	2.000				
X0322936	REMOV EX FLAR END SEC	EACH	1.000				
X0325206	RELOC INTERCONT CABLE	FOOT	163.000				
X0325482	REM EXIST ITS EQUIPMT	EACH	11.000				
X0326263	EQUIPMENT CABINET	EACH	2.000				
X0326357	ROADWAY LIGHT MODIFY	L SUM	1.000				
X0326382	CONC BARRIER BASE SPL	FOOT	1,284.000				
X0326694	PLUG EX STORM SEWERS	CU YD	8.000				
X0327006	ROADWAY LT POLE IO	EACH	41.000				
X0327008	REM/REL SIGN SPECIAL	EACH	1.000				
X0327070	REMOV EXISTG FLAGPOLE	EACH	3.000				

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X0327139	AGG COLUMN GRND IMPRV	L SUM	1.000				
X0327727	PLANTER REMOVAL	L SUM	1.000				
X0327980	PAVMT MRKG REM WTR BL	SQ FT	38,415.000				
X0800004	AGG SUB IMPR 13 1/2	SQ YD	8,185.000				
X0839900	SAN SEW REMOV 6	FOOT	105.000				
*DEL <del>X0931400</del>	INLET BOX ADJ SPL	EACH	<del>2.000</del>				
X1200100	STORM SEW REM 31X20	FOOT	69.000				
X1400128	REM/RPL CTBRKR W40A2P	EACH	2.000				
X1400226	POWER INSTALLED FDN	EACH	1.000				
X1400227	ROADWAY LUM SPL IO	EACH	59.000				
X1400228	UNDERPASS LUM IO	EACH	25.000				
X1400229	MVDS COMM CABLE IO	FOOT	1,960.000				
X1400230	MVDS POWER CABLE IO	FOOT	980.000				
X1400231	45 STL ITS P BLK PT	EACH	3.000				
X1400232	AESTHETIC LUM IO	EACH	71.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X2200019	FENCE PERFORATED ALUM	FOOT	570.000				
X2300012	STR STL RAIL TR/BIKE	FOOT	703.000				
X2503110	MOWING SPL	ACRE	7.000				
X2600021	P M SIGN SUPPORT ASSY	EACH	5.000				
X4400110	TEMP PAVT REMOVAL	SQ YD	5,065.000				
X4402805	ISLAND REMOVAL	SQ FT	12,418.000				
X5210130	HLMR BRG GUID EXP 300	EACH	32.000				
X5210170	HLMR BRG GUID EXP 500	EACH	31.000				
X5210190	HLMR BRG GUID EXP 600	EACH	20.000				
X5210350	HLMR BRNG FIXED 600K	EACH	20.000				
X5210355	HLMR BRNG FIXED 650K	EACH	29.000				
X5210360	HLMR BRNG FIXED 700K	EACH	26.000				
X5210365	HLMR BRNG FIXED 750K	EACH	4.000				
*REV X5509900	ABANDON FILL SS	FOOT	205.000				
X5620122	WATER SERV REMOVAL	EACH	2.000				

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Item		Unit of					
Number	Pay Item Description	Measure	Quantity	X	Unit Price	=	Total Price
X5860110	GRANULAR BACKFILL STR	CU YD	540.000				
X6029000	JUNCTION BOX	L SUM	1.000				
X6029001	JUNCTION BOX N1	L SUM	1.000				
X6029002	JUNCTION BOX N2	L SUM	1.000				
X6029003	JUNCTION BOX N3	L SUM	1.000				
X6029004	JUNCTION BOX N4	L SUM	1.000				
X6029005	JUNCTION BOX N5	L SUM	1.000				
X6060714	CONC MEDIAN SPL	SQ FT	1,430.000				
X6061100	CONC MED TSB SPL	SQ FT	1,648.000				
X6061902	CONC MED TSM SPL	SQ FT	6,876.000				
X6062700	CONC GUTTER TA SPL	FOOT	1,220.000				
X6370279	CONC BAR 1F 42HT SPL	FOOT	975.000				
X6370700	CONC BAR TRANS SPL	FOOT	408.000				
X6640200	TEMP CH LK FENCE	FOOT	160.000				
X6640210	TEMP CH LK FENCE PORT	FOOT	90.000		<u> </u>		

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X7010216	TRAF CONT & PROT SPL	L SUM	1.000				
X7010410	SPEED DISPLAY TRAILER	CAL MO	4.000				
*ADD X7015005	CHANGEABLE MESSAGE SN	CAL DA	708.000				
X7040125	PIN TEMP CONC BARRIER	EACH	153.000				
X7260100	MILE POST MKR ASSY SP	EACH	2.000				
X7830070	GRV RCSD PVT MRKG 5	FOOT	9,223.000				
X7830072	GRV RCSD PVT MRKG 6	FOOT	7,482.000				
X7830074	GRV RCSD PVT MRKG 7	FOOT	3,159.000				
X7830076	GRV RCSD PVT MRKG 9	FOOT	5,975.000				
X7830090	GRV RCSD PVT MRKG 25	FOOT	881.000				
X8110454	CON AT ST 1 SS	FOOT	10.000				
X8110458	CON AT ST 2 SS	FOOT	80.000				
X8140105	HANDHOLE SPL	EACH	2.000				
X8140115	HANDHOLE TO BE ADJUST	EACH	2.000				
X8360120	LIGHT POLE FDN SPL	EACH	1.000				

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Route FAI 74

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Rumoci	Fay item Description	weasure	Quantity	X	Unit Frice	=	
X8360310	LIGHT POLE FDN 30D SP	FOOT	9.000				
X8410102	TEMP LIGHTING SYSTEM	LSUM	1.000				
X9700019	TUBULAR MARKER MAINT	EACH	15.000				
Z0007124	STEEL RAILING SPL	FOOT	6,729.000				
Z0007601	BLDG REMOV NO 1	L SUM	1.000				
Z0007602	BLDG REMOV NO 2	L SUM	1.000				
Z0012450	CONCRETE STEPS	CU YD	5.600				
Z0012455		EACH	8.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0018000	DRAINAGE SCUPPERS SPL	EACH	22.000				
Z0018800	DRAINAGE SYSTEM	L SUM	1.000				
Z0025505	PROPERTY MARKERS	EACH	9.000				
*REV Z0028415		SQ YD	52,240.000				
Z0030850		SQ FT	208.000				
	MODULAR EXP JT-SW 6	FOOT	34.000				

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Item		Unit of					
Number	Pay Item Description	Measure	Quantity	Х	Unit Price	=	Total Price
Z0046304	P UNDR FOR STRUCT 4	FOOT	203.000				
Z0048665	RR PROT LIABILITY INS	L SUM	1.000				
Z0049801	R&D FRIABL ASB BLD 1	L SUM	1.000				
Z0049802	R&D FRIABL ASB BLD 2	L SUM	1.000				
Z0049901	R&D NON-FR ASB BLD 1	L SUM	1.000				
Z0049902	R&D NON-FR ASB BLD 2	L SUM	1.000				
Z0054400	ROCK FILL	CU YD	1,960.000				
Z0054500	ROCK FILL	TON	69,040.000				
Z0056608	STORM SEW WM REQ 12	FOOT	100.000				
Z0056610	STORM SEW WM REQ 15	FOOT	51.000				
*ADD Z0056612	STORM SEW WM REQ 18	FOOT	50.000				
*ADD Z0056616	STORM SEW WM REQ 24	FOOT	50.000				
*ADD Z0056624	STORM SEW WM REQ 42	FOOT	50.000				
Z0056626	STORM SEW WM REQ 48	FOOT	94.000				
Z0062456	TEMP PAVEMENT	SQ YD	8,356.000				

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Item		Unit of					
Number	Pay Item Description	Measure	Quantity	x	Unit Price	=	Total Price
Z0073510	TEMP TR SIGNAL TIMING	EACH	6.000				
Z0076600	TRAINEES	HOUR	5,000.000		0.800		4,000.000
Z0076604	TRAINEES TPG	HOUR	5,000.000		15.000		75,000.000
20100110	TREE REMOV 6-15	UNIT	883.000				
20100210	TREE REMOV OVER 15	UNIT	1,430.000				
20100500	TREE REMOV ACRES	ACRE	2.500				
20200100	EARTH EXCAVATION	CU YD	57,025.000				
20201200	REM & DISP UNS MATL	CU YD	91,690.000				
20400100	BORROW EXCAVATION	CU YD	180,930.000				
*REV 20700220	POROUS GRAN EMBANK	CU YD	995.000				
*REV 20800150	TRENCH BACKFILL	CU YD	8,641.000				
21001000	GEOTECH FAB F/GR STAB	SQ YD	3,801.000				
21101615	TOPSOIL F & P 4	SQ YD	44,358.000				
25000210	SEEDING CL 2A	ACRE	2.750				
25000310	SEEDING CL 4	ACRE	7.250				

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Item		Unit of					
Number	Pay Item Description	Measure	Quantity	Х	Unit Price	=	Total Price
25000400	NITROGEN FERT NUTR	POUND	980.000				
25000500	PHOSPHORUS FERT NUTR	POUND	980.000				
25000600	POTASSIUM FERT NUTR	POUND	980.000				
25000750	MOWING	ACRE	2.750				
25100125	MULCH METHOD 3	ACRE	26.000				
25100630	EROSION CONTR BLANKET	SQ YD	45,585.000				
25100900	TURF REINF MAT	SQ YD	764.000				
25200100	SODDING	SQ YD	6,754.000				
25200200	SUPPLE WATERING	UNIT	60.800				
28000250	TEMP EROS CONTR SEED	POUND	53,700.000				
28000305	TEMP DITCH CHECKS	FOOT	344.000				
28000400	PERIMETER EROS BAR	FOOT	5,219.000				
28000500	INLET & PIPE PROTECT	EACH	20.000				
28000510	INLET FILTERS	EACH	139.000				
28100109	STONE RIPRAP CL A5	SQ YD	120.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
28200200	FILTER FABRIC	SQ YD	120.000				
28500200	PREC BLOCK REV MAT	SQ YD	1,764.000				
*REV 30300001	AGG SUBGRADE IMPROVE	CU YD	41.000				
30300011	AGG SUBGRADE IMPROVE	TON	2,000.000				
30300112	AGG SUBGRADE IMPR 12	SQ YD	43,814.000				
30300124	AGG SUBGRADE IMPR 24	SQ YD	1,165.000				
31100800	SUB GRAN MAT A 9	SQ YD	189.000				
31200100	STAB SUBBASE 4	SQ YD	50,087.000				
35100300	AGG BASE CSE A 4	SQ YD	155.000				
35100500	AGG BASE CSE A 6	SQ YD	4,059.000				
40600290	BIT MATLS TACK CT	POUND	1,716.000				
40600295	P BIT MATLS TACK CT	POUND	2,232.000				
40600825	P LEV BIND MM N50	TON	153.000				
40600985	PCC SURF REM BUTT JT	SQ YD	376.000				
40603085	HMA BC IL-19.0 N70	TON	518.000				

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ltem Number	Pay Itam Decorintion	Unit of Measure	Quantity	×	Unit Price	_	Total Price
NULLING	Pay Item Description	Weasure	Quantity	X	Unit Price	=	Total Price
40603310	HMA SC "C" N50	TON	67.000				
40603315	HMA SC "C" N70	TON	304.000				
40603585	P HMA SC "F" N50	TON	229.000				
42000060	WELDED WIRE REINF	SQ YD	1,315.000				
*REV 42000080	PVT CON PCC BR APP SL	SQ YD	978.000				
42000406	PCC PVT 9 1/4 JOINTD	SQ YD	27,293.000				
*REV 42000511	PCC PVT 10 1/2 JOINTD	SQ YD	16,233.000				
*REV 42001300	PROTECTIVE COAT	SQ YD	91,198.000				
42300300	PCC DRIVEWAY PAVT 7	SQ YD	1,471.000				
42400200	PC CONC SIDEWALK 5	SQ FT	18,581.000				
42400800	DETECTABLE WARNINGS	SQ FT	451.000				
44000100	PAVEMENT REM	SQ YD	50,872.000				
44000159	HMA SURF REM 2 1/2	SQ YD	2,855.000				
44000200	DRIVE PAVEMENT REM	SQ YD	1,037.000				
44000500	COMB CURB GUTTER REM	FOOT	13,187.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
44000600	SIDEWALK REM	SQ FT	23,760.000				
44003100	MEDIAN REMOVAL	SQ FT	51,677.000				
44200934	CL B PATCH T2 8	SQ YD	100.000				
44200942	CL B PATCH T3 8	SQ YD	145.000				
*REV 44200976	CL B PATCH T4 10	SQ YD	960.000				
44201294	CL B PATCH EXPAN JT	FOOT	173.000				
44201296	DEFORMED BARS EXP JT	EACH	160.000				
*REV 44201299	DOWEL BARS 1 1/2	EACH	560.000				
*REV 44213200	SAW CUTS	FOOT	1,846.000				
*REV 44213204	TIE BARS 3/4	EACH	582.000				
48100500	AGGREGATE SHLDS A 6	SQ YD	119.000				
48203009	HMA SHOULDERS 3	SQ YD	181.000				
50100300	REM EXIST STRUCT N1	EACH	1.000				
50100400	REM EXIST STRUCT N2	EACH	1.000				
50100500	REM EXIST STRUCT N3	EACH	1.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
50102400	CONC REM	CU YD	160.900				
50157300	PROTECTIVE SHIELD	SQ YD	32,077.000				
*REV 50200100	STRUCTURE EXCAVATION	CU YD	7,433.000				
50200400	ROCK EXC STRUCT	CU YD	1,087.000				
50200450	REM/DISP UNS MATL-STR	CU YD	1,903.000				
50300225	CONC STRUCT	CU YD	4,861.000				
50300255	CONC SUP-STR	CU YD	12,119.500				
50300260	BR DECK GROOVING	SQ YD	33,406.000				
50300280	CONCRETE ENCASEMENT	CU YD	14.100				
50300300	PROTECTIVE COAT	SQ YD	42,937.000				
50500105	F & E STRUCT STEEL	L SUM	1.000				
50500505	STUD SHEAR CONNECTORS	EACH	101,705.000				
50800105	REINFORCEMENT BARS	POUND	80.000				
*REV 50800205	REINF BARS, EPOXY CTD	POUND	4,322,070.000				
50800515	BAR SPLICERS	EACH	427.000				

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lter Num		Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
*REV	50901760	PIPE HANDRAIL	FOOT	68.000				
	51100100	SLOPE WALL 4	SQ YD	967.000				
	51201700	FUR STL PILE HP12X74	FOOT	266.000				
	51201800	FUR STL PILE HP14X73	FOOT	9,252.000				
	51201900	FUR STL PILE HP14X89	FOOT	3,151.000				
	51202305	DRIVING PILES	FOOT	12,669.000				
	51203700	TEST PILE ST HP12X74	EACH	1.000				
	51203800	TEST PILE ST HP14X73	EACH	23.000				
	51203900	TEST PILE ST HP14X89	EACH	6.000				
	51204650	PILE SHOES	EACH	681.000				
	51500100	NAME PLATES	EACH	9.000				
	52000110	PREF JT STRIP SEAL	FOOT	363.500				
	52000208	FINGER PLT EXP JT 3	FOOT	74.000				
	52000212	FINGER PLT EXP JT 4	FOOT	294.000				
	52000216	FINGER PLT EXP JT 5	FOOT	66.500			<u> </u>	

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ltem		Unit of					
Number	Pay Item Description	Measure	Quantity	X	Unit Price	=	Total Price
52100010	ELAST BEARING ASSY T1	EACH	60.000				
52100020	ELAST BEARING ASSY T2	EACH	66.000				
52100510	ANCHOR BOLTS 3/4	EACH	48.000				
52100515	ANCHOR BOLTS 7/8	EACH	36.000				
52100520	ANCHOR BOLTS 1	EACH	900.000				
52200500	MECH ST EARTH RET WL	SQ FT	21,192.000				
52200800	SEG CONC BLOCK WALL	SQ FT	1,025.000				
*ADD 54210206	PIPE ELBOW 72	EACH	3.000				
54213663	PRC FLAR END SEC 18	EACH	1.000				
54213681	PRC FLAR END SEC 36	EACH	1.000				
54213717	PRC FLAR END SEC 72	EACH	1.000				
*REV 550A0340	STORM SEW CL A 2 12	FOOT	2,828.000				
550A0360	STORM SEW CL A 2 15	FOOT	1,824.000				
550A0380	STORM SEW CL A 2 18	FOOT	1,152.000				
*REV 550A0400	STORM SEW CL A 2 21	FOOT	229.000				

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*REV 550A0410	STORM SEW CL A 2 24	FOOT	926.000				
550A0430	STORM SEW CL A 2 30	FOOT	352.000				
550A0450	STORM SEW CL A 2 36	FOOT	640.000				
550A0640	STORM SEW CL A 3 12	FOOT	231.000				
550A0660	STORM SEW CL A 3 15	FOOT	291.000				
550A0680	STORM SEW CL A 3 18	FOOT	567.000				
550A0710	STORM SEW CL A 3 24	FOOT	31.000				
550A0750	STORM SEW CL A 3 36	FOOT	277.000				
550A0770	STORM SEW CL A 3 42	FOOT	748.000				
*REV 550A0780	STORM SEW CL A 3 48	FOOT	731.000				
*REV 550A0820	STORM SEW CL A 3 72	FOOT	1,100.000				
550A1070	STORM SEW CL A 4 42	FOOT	319.000				
550A5100	SS CL A 2 EQRS 30	FOOT	36.000				
55100300	STORM SEWER REM 8	FOOT	101.000				
55100400	STORM SEWER REM 10	FOOT	70.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
*REV 5510050	0 STORM SEWER REM 12	FOOT	3,642.000				
5510070	0 STORM SEWER REM 15	FOOT	483.000				
5510090	0 STORM SEWER REM 18	FOOT	738.000				
5510110	0 STORM SEWER REM 21	FOOT	51.000				
*REV 5510120	0 STORM SEWER REM 24	FOOT	749.000				
5510140	0 STORM SEWER REM 30	FOOT	625.000				
5510190	0 STORM SEWER REM 48	FOOT	226.000				
*REV 5510230	0 STORM SEWER REM 72	FOOT	184.000				
5520040	0 STORM SEWERS JKD 15	FOOT	34.000				
5520090	0 STORM SEWERS JKD 24	FOOT	249.000				
*REV 5520160	0 STORM SEWERS JKD 48	FOOT	247.000				•
5640030	0 FIRE HYDNTS TO BE ADJ	EACH	2.000				
5870030	0 CONCRETE SEALER	SQ FT	25,861.000				
5910010		SQ YD	211.000				
	0 CONC HDWL FOR P DRAIN	EACH	1.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
60108200	PIPE UNDERDRAIN 6 SP	FOOT	7.000				
*REV 60108206	PIPE UNDERDR T 2 6	FOOT	12,861.000				
60218300	MAN TA 4 DIA T1F OL	EACH	5.000				
*REV 60218400	MAN TA 4 DIA T1F CL	EACH	14.000				
60218600	MAN TA 4 DIA T4F&G	EACH	2.000				
60219000	MAN TA 4 DIA T8G	EACH	2.000				
60219100	MAN TA 4 DIA T9F&G	EACH	5.000				
60219300	MAN TA 4 DIA T11F&G	EACH	3.000				
60219510	MAN TA 4 DIA T20F&G	EACH	26.000				
60221000	MAN TA 5 DIA T1F OL	EACH	1.000				
*REV 60221100	MAN TA 5 DIA T1F CL	EACH	4.000				
*REV 60221700	MAN TA 5 DIA T8G	EACH	5.000				
60221800	MAN TA 5 DIA T9F&G	EACH	6.000				
60222210	MAN TA 5 DIA T20F&G	EACH	3.000				
60223800	MAN TA 6 DIA T1F CL	EACH	8.000			<u> </u>	

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**Project Number** 

NHPP-0074/324/

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# SER -

Route FAI 74

ltem Unit of Number Measure Unit Price **Total Price** Pay Item Description Quantity х = EACH 5.000 60224005 MAN TA 6 DIA T8G EACH 60224020 MAN TA 6 DIA T11F&G 1.000 EACH 2.000 60224035 MAN TA 6 DIA T20F&G EACH \*REV 60224446 MAN TA 7 DIA T1F CL 12.000 60224459 MAN TA 8 DIA T1F CL EACH 2.000 EACH \*DEL 60224469 MAN TA 9 DIA T1F CL 1.000 EACH 60240210 INLETS TB T1F OL 3.000 EACH 6.000 60240301 **INLETS TB T8G** 60240303 **INLETS TB T9F&G** EACH 1.000 EACH 6.000 60240310 INLETS TB T11F&G EACH \*REV 60240324 INLETS TB T20F&G 44.000 60255500 MAN ADJUST EACH 20.000 60256910 MAN ADJ NEW T20F&G EACH 8.000 2.000 60257900 MAN RECONST EACH EACH 60260100 INLETS ADJUST 13.000

**Project Number** 

NHPP-0074/324/

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County Name -ROCK ISLAND- -Code -161 - -District -2 - -

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Route FAI 74

ltem Unit of Number Measure Quantity Unit Price **Total Price** Pay Item Description х = EACH 1.000 \*ADD 60264415 INL RECON N 542546F&G EACH 60265700 VV ADJUST 7.000 60270050 DR STR T4 W/2 T20F&G EACH 5.000 EACH \*REV 60500040 **REMOV MANHOLES** 59.000 \*REV 60500060 REMOV INLETS EACH 48.000 60600095 CLASS SI CONC OUTLET CU YD 1.300 FOOT 60600605 CONC CURB TB 60.000 FOOT 60603800 COMB CC&G TB6.12 1,211.000 FOOT 60605000 COMB CC&G TB6.24 6,505.500 60608300 COMB CC&G TM2.12 FOOT 66.000 FOOT 60609200 COMB CC&G TM6.12 554.000 60610400 COMB CC&G TM6.24 FOOT 1.459.000 60618300 CONC MEDIAN SURF 4 SQ FT 18,179.000 60622800 CONC MED TSM6.12 SQ FT 1,113.000 SQ FT 60623105 CONC MED TSM6.18 2,173.000

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
60624600	CORRUGATED MED	SQ FT	5,891.000				
63000001	SPBGR TY A 6FT POSTS	FOOT	125.000				
63100085	TRAF BAR TERM T6	EACH	4.000				
63100167	TR BAR TRM T1 SPL TAN	EACH	4.000				
63200310	GUARDRAIL REMOV	FOOT	672.000				
63500105	DELINEATORS	EACH	39.000				
63700275	CONC BAR 2F 42HT	FOOT	80.000				
63700900	CONC BARRIER BASE	FOOT	179.000				
64200116	SHOULDER RUM STRIP 16	FOOT	1,233.000				
64300260	IMP ATTEN FRD NAR TL3	EACH	1.000				
64301090	ATTENUATOR BASE	SQ YD	14.000				
66400105	CH LK FENCE 4	FOOT	2,640.000				
66700305	PERM SURV MKRS T2	EACH	2.000				
66900105	UNDERGR STOR TANK REM	EACH	1.000				
66900200	NON SPL WASTE DISPOSL	CU YD	88,000.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
*DEL 66900205	SPL WASTE DISPOSAL	CU YĐ	<del>775.000</del>				
66900400	SPL WAST GRD WAT DISP	GALLON	95,000.000				
66900450	SPL WASTE PLNS/REPORT	L SUM	1.000				
66900530	SOIL DISPOSAL ANALY	EACH	36.000				
66901000	BACKFILL PLUGS	CU YD	110.000				
67000400	ENGR FIELD OFFICE A	CAL MO	47.000				
67100100	MOBILIZATION	L SUM	1.000				
70100420	TRAF CONT-PROT 701411	EACH	1.000				
70100800	TRAF CONT-PROT 701401	L SUM	1.000				
70100815	TRAF CONT-PROT 701446	L SUM	1.000				
70100820	TRAF CONT-PROT 701451	L SUM	1.000				
70100825	TRAF CONT-PROT 701456	L SUM	1.000				
70102625	TR CONT & PROT 701606	L SUM	1.000				
70102630	TR CONT & PROT 701601	L SUM	1.000				
70102635	TR CONT & PROT 701701	L SUM	1.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
70102640	TR CONT & PROT 701801	L SUM	1.000				
70103815	TR CONT SURVEILLANCE	CAL DA	117.000				
*DEL <del>70106800</del>	CHANGEABLE MESSAGE SN	CAL MO	<del>25.000</del>				
70200100	NIGHT WORK ZONE LIGHT	L SUM	1.000				
70300100	SHORT TERM PAVT MKING	FOOT	3,875.000				
70300150	SHRT TRM PAVT MK REM	SQ FT	388.000				
*REV 70300210	TEMP PVT MK LTR & SYM	SQ FT	1,498.000				
*REV 70300220	TEMP PVT MK LINE 4	FOOT	154,519.000				
*REV 70300240	TEMP PVT MK LINE 6	FOOT	5,212.000				
*REV 70300250	TEMP PVT MK LINE 8	FOOT	3,243.000				
*REV 70300280	TEMP PVT MK LINE 24	FOOT	1,091.000				
70400100	TEMP CONC BARRIER	FOOT	3,050.000				
70400200	REL TEMP CONC BARRIER	FOOT	1,087.500				
70600241	IMP ATTN TEMP NRN TL2	EACH	3.000				•
	IMP ATTN TEMP FRN TL3	EACH	2.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
70600270	IMP ATTN TEMP FRW TL3	EACH	1.000				
70600332	IMP ATTN REL FRN TL3	EACH	1.000				
72000100	SIGN PANEL T1	SQ FT	652.000				
72000200	SIGN PANEL T2	SQ FT	260.000				
72000300	SIGN PANEL T3	SQ FT	1,877.000				
72400100	REMOV SIN PAN ASSY TA	EACH	58.000				
72400200	REMOV SIN PAN ASSY TB	EACH	10.000				
72400310	REMOV SIGN PANEL T1	SQ FT	33.000				
72400320	REMOV SIGN PANEL T2	SQ FT	58.000				
72400330	REMOV SIGN PANEL T3	SQ FT	168.000				
72400500	RELOC SIN PAN ASSY TA	EACH	2.000				
72501000	TERMINAL MARKER - DA	EACH	4.000				
72600100	MILEPOST MKR ASSEMBLY	EACH	2.000				
72700100	STR STL SIN SUP BA	POUND	1,275.000				
72800100	TELES STL SIN SUPPORT	FOOT	606.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
*REV 73000100	WOOD SIN SUPPORT	FOOT	241.000				
73100100	BASE TEL STL SIN SUPP	EACH	10.000				
73300100	OVHD SIN STR-SPAN T1A	FOOT	159.000				
73300200	OVHD SIN STR-SPAN T2A	FOOT	248.000				
73302170	OSS CANT 2CA 3-0X5-6	FOOT	30.000				
73304000	OVHD SIN STR BR MT	FOOT	30.500				
73400100	CONC FOUNDATION	CU YD	2.800				
73400200	DRILL SHAFT CONC FDN	CU YD	125.000				
73600100	REMOV OH SIN STR-SPAN	EACH	4.000				
73700100	REM GR MT SIN SUPPORT	EACH	4.000				
73700200	REM CONC FDN-GR MT	EACH	4.000				
73700300	REM CONC FDN-OVHD	EACH	8.000				
78008300	POLYUREA PM T2 LTR-SY	SQ FT	1,300.000				
78008310	POLYUREA PM T2 LN 4	FOOT	9,532.000				
78008320	POLYUREA PM T2 LN 5	FOOT	17,600.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
78008330	POLYUREA PM T2 LN 6	FOOT	5,247.000				
78008340	POLYUREA PM T2 LN 8	FOOT	7,074.000				
78008350	POLYUREA PM T2 LN 12	FOOT	1,089.000				
78008370	POLYUREA PM T2 LN 24	FOOT	881.000				
78100100	RAISED REFL PAVT MKR	EACH	179.000				
78200005	GRDRAIL REF TYPE A	EACH	16.000				
78200010	BARR WALL REF TYPE B	EACH	103.000				
78300200	RAISED REF PVT MK REM	EACH	22.000				
80400100	ELECT SERV INSTALL	EACH	1.000				
80500100	SERV INSTALL TY A	EACH	3.000				
80500300	SERV INSTALL TY C	EACH	1.000				
81028190	UNDRGRD C GALVS 1 1/2	FOOT	38.000				
81028320	UNDRGRD C PVC 1	FOOT	86.000				
*REV 81028350	UNDRGRD C PVC 2	FOOT	8,108.000				
*REV 81028360	UNDRGRD C PVC 2 1/2	FOOT	1,132.000				

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Project Number NHPP-0074/324/ \*REVISED: JUNE 08, 2017 Route **FAI 74** 

Item		Unit of					
Number	Pay Item Description	Measure	Quantity	X	Unit Price	=	Total Price
81028	370 UNDRGRD C PVC 3	FOOT	218.000				
81028	390 UNDRGRD C PVC 4	FOOT	1,625.000				
81028	750 UNDRGRD C CNC 2	FOOT	5,885.000				
81100	300 CON AT ST 1 GALVS	FOOT	2,292.000				
81100	500 CON AT ST 2 GALVS	FOOT	3,845.000				
81100	605 CON AT ST 2 PVC GALVS	FOOT	40.000				
81200	210 CON EMB STR 1 PVC	FOOT	2,646.000				
812002	230 CON EMB STR 2 PVC	FOOT	8,351.000				
81300	220 JUN BX SS AS 6X6X4	EACH	90.000				
81300	530 JUN BX SS AS 12X10X6	EACH	51.000				
81300	550 JUN BX SS AS 12X12X6	EACH	6.000				
81301	290 JUN BX SS ES 12X12X6	EACH	4.000				
81301	500 JUN BX SS ES 28X12X6	EACH	1.000				
*REV 81400 <sup>,</sup>	100 HANDHOLE	EACH	40.000				
81400	BOO DBL HANDHOLE	EACH	4.000		<u> </u>		

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Code -	161
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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
81702100	EC C XLP USE 1C 12	FOOT	2,710.000				
81702110	EC C XLP USE 1C 10	FOOT	6,497.000				
81702120	EC C XLP USE 1C 8	FOOT	76,875.000				
81702130	EC C XLP USE 1C 6	FOOT	22,605.000				
81702140	EC C XLP USE 1C 4	FOOT	1,990.000				
81702150	EC C XLP USE 1C 2	FOOT	3,330.000				
82500335	LT CONT PEDM 240V100	EACH	1.000				
82700100	TRANSFORMER (GP)	EACH	2.000				
83600200	LIGHT POLE FDN 24D	FOOT	10.000				
83600300	LIGHT POLE FDN 30D	FOOT	126.000				
83800505	BKWY DEV COU AL SKIRT	EACH	60.000				
84200600	REM LT U NO SALV	EACH	38.000				
84200804	REM POLE FDN	EACH	36.000				
84400105	RELOC EX LT UNIT	EACH	6.000				
84500110	REMOV LIGHTING CONTR	EACH	4.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
84500120	REMOV ELECT SERV INST	EACH	4.000				
84500130	REMOV LTG CONTR FDN	EACH	3.000				
85000200	MAIN EX TR SIG INSTAL	EACH	5.000				
85700200	FAC T4 CAB	EACH	5.000				
86000100	MASTER CONTROLLER	EACH	2.000				
86200200	UNINTER POWER SUP STD	EACH	5.000				
86400100	TRANSCEIVER - FIB OPT	EACH	5.000				
87100140	FO CAB C 62.5/125 12F	FOOT	3,334.000				
87300925	ELCBL C TRACER 14 1C	FOOT	3,334.000				
87301215	ELCBL C SIGNAL 14 2C	FOOT	5,598.000				
87301225	ELCBL C SIGNAL 14 3C	FOOT	6,959.000				
87301245	ELCBL C SIGNAL 14 5C	FOOT	18,368.000				
87301255	ELCBL C SIGNAL 14 7C	FOOT	2,573.000				
87301805	ELCBL C SERV 6 2C	FOOT	61.000				
	ELCBL C EGRDC 6 1C	FOOT	3,806.000				

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ltem		Unit of					
Number	Pay Item Description	Measure	Quantity	X	Unit Price	=	Total Price
87502440	TS POST GALVS 10	EACH	1.000				
87502510	TS POST GALVS 17	EACH	21.000				
87600100	PED PUSH-BUT POST T1	EACH	11.000				
87700150	S MAA & P 22	EACH	1.000				
87700190	S MAA & P 30	EACH	1.000				
87700220	S MAA & P 36	EACH	1.000				
87700230	S MAA & P 38	EACH	2.000				
87700280	S MAA & P 48	EACH	1.000				
87700300	S MAA & P 52	EACH	1.000				
87700410	S MAA & P 65	EACH	1.000				
87700430	S MAA & P 75	EACH	1.000				
87702198	S MAA & P DMA 16 & 42	EACH	1.000				
87702860	STL COMB MAA&P 26	EACH	1.000				
87702950	STL COMB MAA&P 44	EACH	1.000				
87702985	STL COMB MAA&P 52	EACH	2.000				

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ltem		Unit of					
Number	Pay Item Description	Measure	Quantity	X	Unit Price	=	Total Price
87703060	STL COMB MAA&P 65	EACH	1.000				
87703090	STL COMB MAA&P 70	EACH	1.000				
87703110	STL COMB MAA&P 74	EACH	1.000				
87704516	S C MAA&P DMA 48 & 30	EACH	1.000				
87800100	CONC FDN TY A	FOOT	69.000				
87800150	CONC FDN TY C	FOOT	15.000				
87800400	CONC FDN TY E 30D	FOOT	66.000				
87800415	CONC FDN TY E 36D	FOOT	120.000				
87800420	CONC FDN TY E 42D	FOOT	116.000				
87900200	DRILL EX HANDHOLE	EACH	30.000				
88040070	SH P LED 1F 3S BM	EACH	33.000				
88040090	SH P LED 1F 3S MAM	EACH	51.000				
88040150	SH P LED 1F 5S BM	EACH	6.000				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
88040160	SH P LED 1F 5S MAM	EACH	4.000				
88102825	PED SH P LED 1F BM CT	EACH	20.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
88102845	PED SH P LED 2F BM CT	EACH	9.000				
88200110	TS BACKPLATE LOUVERED	EACH	92.000				
88800100	PED PUSH-BUTTON	EACH	37.000				
89000100	TEMP TR SIG INSTALL	EACH	1.000				
89501150	RELOC EX TS POST	EACH	1.000				
89502200	MOD EX CONTR	EACH	1.000				
89502375	REMOV EX TS EQUIP	EACH	4.000				

CONTRACT NUMBER

THIS IS THE TOTAL BID \$

64C08

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.

FAI Route 74 (IL 74) Project NHPP-0074(324) Section (81-1)R&81-1HVBR Rock Island County Contract No. 64C08

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#### Flaggers:

<u>Flagger at Sideroads and Commercial Entrances:</u> Effective: August 1, 2011 Revised: December 29, 2015

Flaggers shall comply with all requirements and signaling methods contained in the Department's "Traffic Control Field Manual" current at the time of letting. The flagger equipment listed for flaggers employed by the Illinois Department of Transportation shall apply to all flaggers

All workers and flaggers shall wear ANSI Class E pants and an ANSI Class 2 vest that in combination meet the requirements of ANSI/ISEA 107-2004 for Conspicuity Class 3 garments during hours of darkness.

In addition to the flaggers shown on applicable standards, on major sideroads, flaggers shall be required on all legs of the intersection. Major sideroads for this project shall be <u>None</u>.

In addition to the flaggers shown on applicable standards, a flagger shall be required on high volume commercial entrances listed below. High volume commercial entrances for this project shall be <u>None</u>.

When the mainline flagger is within 200 feet of an intersection, the sideroad flagger shall be required.

When the road is closed to through traffic and it is necessary to provide access for local traffic, all flaggers as shown on the applicable standards will be required. No reduction in the number of flaggers shall be allowed.

Revise Article 701.20(i) of the Standard/Supplemental Specifications to read:

"Signs, barricades, other traffic control devices, or flaggers required by the Engineer, over and above those shown in the contract documents, will be paid for according to Article 109.04."

#### Pavement Marking:

Temporary Pavement Markings on all ramps and I-74 shall be two coats of paint or as directed by the Resident Engineer. Temporary Pavement Markings on 6<sup>th</sup> Avenue, 7<sup>th</sup> Avenue and 19<sup>th</sup> Street shall be one coat of paint or as directed by the Engineer.

Temporary pavement markings shall not be included in the cost of the standard rather it shall be paid for separately at the contract unit prices of specified temporary pavement marking items.

#### Changeable Message Signs:

Changeable Message Signs shall be required for 2 weeks before the start of work for each of the following roadways.

- 19<sup>th</sup> Street (one each direction)
- River Drive (one each direction)
- 4<sup>th</sup> Avenue (WB IL 92)
- 6<sup>th</sup> Ave (EB IL 92)
- 7<sup>th</sup> Avenue (one each direction)

Changeable Message Signs on I-74 (one in each direction) shall be required for 2 weeks prior to the start of work.

A changeable message sign shall be in place for a maximum of 2 weeks (10 business days) prior to the start of work, for a stage switch, for a major change in traffic patterns, new signals (10 days starting the day the signals are turned on), prior to beginning construction, and as shown on the plans.

Additional changeable message signs may be required by the Resident Engineer.

Payment for changeable message signs that are not shown in an applicable Traffic Control and Protection Standard shall be paid for at the contract unit price per calendar day as CHANGEABLE MESSAGE SIGN.

#### Highway Standards Application:

<u>Traffic Control and Protection Standard 701428:</u> This work shall be done according to Section 701 of the Standard Specifications and the Typical Application of Traffic Control Devices for Highway Construction, Standard 701428, and as specified herein.

This standard shall be used, regardless of the ADT on the roadway.

This work will not be measured for payment.

#### Traffic Control and Protection Standard 701601:

Beam removal, beam setting, overhead sign placement on roads open to traffic: Close all but one lane, using applicable lane closure standards, in each direction of travel. Closing the remaining lane(s) using flaggers under I-74 is allowed for up to twenty (20) minutes to remove/set bridge beams and place overhead signs. At the end of the twenty minute period, the lane(s) shall be opened to traffic and all queued traffic shall be cleared prior to closing the lane(s) again.

This work shall be completed during nighttime hours, 9:00 PM Monday to 6:00 AM Friday. Traffic control set up shall not begin prior to 9:00 PM on any day and shall be completely removed by 6:00 AM the following morning. No lane closures shall be allowed on Friday, Saturday, and Sunday evenings. During legal holidays, Section 107 of the Standard Specifications shall apply.

Additional lane closure restrictions may be imposed due to local events, inclement weather, etc.

Revised 6-8-17

The "ROAD CLOSED" sign on the Type III barricades shall be unobstructed and visible to traffic at all times. No equipment, debris, or other materials shall be stored within 20 feet of the first set of Type III barricades, unless approved by the Engineer.

The Contractor shall not drive around the outside of the Type III barricades, but shall relocate the barricades temporarily for access. When it is necessary for the barricades to be moved for access, the Contractor shall move the devices into the left lane and/or left shoulder area behind barricades that are to remain in place. At no time shall the barricades be turned parallel to traffic flow for access purposes.

If a path becomes evident around the outside of the barricades, the Contractor shall be required to place additional Type III barricades to prevent driving around the existing barricades. Additional barricades shall be included in the cost of applicable Traffic Control Standards. Any damage caused by vehicles driving around the outside of barricades shall be repaired by the Contractor at no additional cost to the Department.

A 1:3 compacted gravel wedge is required at the end of the closure limits when there is a 12" or greater difference in elevation (drop-off) between the pavement and the work area.

# Road Closures (5<sup>th</sup> Avenue, 6<sup>th</sup> Avenue, 7<sup>th</sup> Avenue, 19<sup>th</sup> Street, and 21<sup>st</sup> Street):

The road closure shall be completed using Type III barricades in compliance with Standards 701901, and signing according to Traffic Control for Road Closure detail. Two flashers shall be installed above each Type III barricade. The "ROAD CLOSED" (R11-2) or "ROAD CLOSED TO THRU TRAFFIC" (R11-4) signs shall be placed as shown in Standard 701901. Flashers shall be installed above all warning signs involving a night time road closure.

Closure of the 7th Avenue/19th Intersection shall occur in Pre-Stage (Fall 2017) and prior to winter shutdown to the limits shown in the Staging Plans in accordance with District Standard 40.1, the Staging Plans, and Section 701 of the Standard Specifications. The 7th Avenue/19th Street intersection shall be reopened within 60 consecutive calendar days of closure and no later than Tuesday, **November 21<sup>st</sup>, 2017**. Earliest date of closure is August 1, 2017.

Reconstruction of 6<sup>th</sup> Avenue is to occur in two segments under full closure in accordance with District Standard 40.1, the Staging Plans, and Section 701 of the Standard Specifications.

Segment 1: STA 6005+10 to 6009+20 Segment 2: STA 6000+29 to 6005+10

Closure of 6<sup>th</sup> Avenue for the construction of Segment 1 shall occur no earlier than **October 1**, **2019**. The closure shall remain in place through the winter shutdown between Stage 2 and Stage 3. Segment 2 shall be constructed, closure removed and all lanes open to traffic within the first **60 calendar days** of the start of the 3<sup>rd</sup> construction season (Stage 3).

Ramp 6<sup>th</sup>-C construction during the Winter-Stage can continue once Ramp RD-H opens during the Winter-Stage and the Existing Ramp N-3 is closed and removed using cold weather precautions during construction.

The Contractor shall be required to notify the Bureau of Project Implementation and affected residents prior to a complete closure.

F. Acceptance or approval of any progress schedule by the Engineer shall not be construct to imply approval of any particular method of construction, sequence of construction, any implied or stated rate of production. Acceptance will not act as a waiver of the obligation of the Contractor to complete the work in accordance with the contract proposal, plans and specifications, modify any rights or obligations of the Department as set forth in the contract, nor imply any obligation of a third party. Acceptance shall not be construed to modify or amend the contract or the time limit(s) therein. Acceptance shall not relieve the Contractor of the responsibility for the accuracy of any of the information included on the schedule. Failure of the Contractor to include in the schedule any element of work required for the performance of the contract, any sequence of work required by the contract, or any known or anticipated condition affecting the work shall not excuse the Contractor from completing all work required within the time limit(s) specified in the contract notwithstanding acceptance of the schedule by the Engineer.

#### Basis of Payment.

This work will not be paid for separately, but shall be considered as included in the costs of the various items of work in the contract.

#### **APPENDIX A – CONTRACT INTERDEPENDENCIES**

# Projects and Contracts in the I-74 over the Mississippi River Corridor Project Active in Pre-Stage

- Iowa Project (197): IM-NHS-074-1(197)5--03-82, River Bridge Approach Spans
- Iowa Project (198): IM-NHS-074-1(198)5--03-82, River Bridge Arch Spans
- Iowa Project (199): IM-NHS-074-1(199)5--03-82, Westbound Iowa Viaduct and Ramps
- Iowa Project (260): IM-NHS-074-1(260)1--03-82, Grading and Sanitary Sewer
- Illinois Contract 64C08: Work in Moline from the Mississippi River to 7<sup>th</sup> Avenue

# Projects and Contracts in the I-74 over the Mississippi River Corridor Project Active in Stage 1

- Iowa Project (197): IM-NHS-074-1(197)5--03-82, River Bridge Approach Spans
- Iowa Project (198): IM-NHS-074-1(198)5--03-82, River Bridge Arch Spans
- Iowa Project (199): IM-NHS-074-1(199)5--03-82, Westbound Iowa Viaduct and Ramps
- Iowa Project (260): IM-NHS-074-1(260)1--03-82, Grading and Sanitary Sewer
- Iowa Project (205): IM-NHS-074-1(205)--3-82, US 67 Ramp D Grading and Paving
- Iowa Project (208): IMN-074-1(208)5--0E-82, Light Pole Supply
- Iowa Project (209): IMN-074-1(209)5--0E-82, Luminaire Supply
- Illinois Contract 64C08: Work in Moline from the Mississippi River to 7th Avenue
- Illinois Contract 64E26: Work in Moline from 7<sup>th</sup> Avenue to south of Avenue of the Cities

# Projects and Contracts in the I-74 over the Mississippi River Corridor Project Active in Stage 2

- Iowa Project (197): IM-NHS-074-1(197)5--03-82, River Bridge Approach Spans
- Iowa Project (198): IM-NHS-074-1(198)5--03-82, River Bridge Arch Spans
- Iowa Project (199): IM-NHS-074-1(199)5--03-82, Westbound Iowa Viaduct and Ramps
- Iowa Project (260): IM-NHS-074-1(260)1--03-82, Grading and Sanitary Sewer
- Iowa Project (206): IM-NHS-074-1(206)5--03-82, Mainline and Ramps Grading and Paving Iowa
- Iowa Project (219): IM-NHS-074-1(220)5--03-82, Mainline and Ramps Traffic Signs
- Iowa Project (208): IMN-074-1(208)5--0E-82, Light Pole Supply
- Iowa Project (209): IMN-074-1(209)5--0E-82, Luminaire Supply
- Iowa Project (235): IMN-074-1(235)5--0E-82, Aesthetic Lighting Supply
- Iowa Project (221): ITS-074-1(221)5--25-82, ITS Integration and Deployment
- Iowa Project (222): ITS-074-1(222)5--25-82, ITS Fiber Optics
- Illinois Contract 64C08: Work in Moline from the Mississippi River to 7<sup>th</sup> Avenue
- Illinois Contract 64E26: Work in Moline from 7<sup>th</sup> Avenue to south of Avenue of the Cities

# Projects and Contracts in the I-74 over the Mississippi River Corridor Project Active in Stage 3

- Iowa Project (197): IM-NHS-074-1(197)5--03-82, River Bridge Approach Spans
- Iowa Project (198): IM-NHS-074-1(198)5--03-82, River Bridge Arch Spans
- Iowa Project (200): IM-NHS-074-1(200)5--03-82, Eastbound Iowa Viaduct and Ramps
- Iowa Project (255): IM-074-1(255)1--13-82, Letdown Structure for Bike Trail
- Iowa Project (206): IM-NHS-074-1(206)5--03-82, Mainline and Ramps Grading and Paving
- Iowa Project (219): IM-NHS-074-1(220)5--03-82, Mainline and Ramps Traffic Signs
- Iowa Project (207): IM-NHS-074-1(206)5--03-82, Local Roads Grading and Paving
- Iowa Project (220): IM-NHS-074-1(220)5--03-82, Local Roads Traffic Signs
- Iowa Project (208): IMN-074-1(208)5--0E-82, Light Pole Supply
- Iowa Project (209): IMN-074-1(209)5--0E-82, Luminaire Supply
- Iowa Project (235): IMN-074-1(235)5--0E-82, Aesthetic Lighting Supply
- Iowa Project (221): ITS-074-1(221)5--25-82, ITS Integration and Deployment
- Iowa Project (222): ITS-074-1(222)5--25-82, ITS Fiber Optics
- Illinois Contract 64C08: Work in Moline from the Mississippi River to 7<sup>th</sup> Avenue
- Illinois Contract 64E26: Work in Moline from 7<sup>th</sup> Avenue to south of Avenue of the Cities

#### **Summary of Milestone Completion Dates**

Pre-Stage Milestone Completion Date	Tuesday, November 21, 2017
Stage 1 Milestone Completion Date	Tuesday, November 20, 2018
Stage 2 Milestone Completion Date	Tuesday, November 26, 2019
Winter Stage Completion Date	Tuesday, March 31, 2020
Stage 3 Milestone Completion Date	Tuesday, November 24, 2020

Note: In the following tables, completion of successor work may not be required in the same stage.

# Contract Start Through Pre-Stage

Contract 64C08 Work to be Completed	Adjacent Contract / Project	Adjacent Successor Work Dependent on Completed Contract 64C08 Work
To the extent necessary for Project (197) critical path work to proceed in a timely manner: complete plug fill removal and placement of embankment, including special rock fill for piles in abutment area, and RWs 1, 2 and 16. Schedule coordination with the Contractor for Project (197) is required.	(197)	(After 9 months settlement) Drive piles for WB and EB River Approach Abutments 1A and 1B (I-74 and Ramps RD-H and RD-G)

Pre-Stage Milestone Completion Date: November 21, 2017

# **Contract Start Through Stage 2**

Contract 64C08 Work to be Completed	Adjacent Contract / Project	Adjacent Successor Work Dependent on Completed Contract 64C08 Work
Remove existing WB IL Viaduct from Pier 23NB to S Abutment	64E26	Excavate and install ACGI at WB IL Viaduct S Abutment
Complete pile driving for WB IL Viaduct S Abutment	64E26	Construct MSE RW 05 (SN 081- 6014), temporary wire face MSE wall at CL I-74 and backfill to elevation of bottom of WB IL Viaduct S Abutment
Complete WB IL Viaduct S Abutment	64E26	Complete MSE RW 05 (SN 081- 6014), temp wire face MSE wall at CL I-74 and backfill for WB IL Viaduct S Abutment and approach slab
Complete WB River Bridge Approach Slabs	(197)	Construct barriers/parapets on WB Abutment wingwalls
Complete WB ITS infrastructure installation IL, River to 7th Ave	(222), (221)	Install Fiber Optics for WB, Deploy and Integrate ITS for WB
Complete WB IL Viaduct S approach slab footing	64E26	Construct WB Mainline pavement to N limit (joint with AB approach slab)

Stage 2 Milestone Completion Date: November 26, 2019

Contract 64E26 Work to be Completed	Adjacent Contract / Project	Adjacent Successor Work Dependent on Completed Contract 64E26 Work
Complete ACGI at WB IL Viaduct S Abutment	64C08	Drive piles for WB IL Viaduct S Abutment
Construct WB RW 05 (SN 081-6014), temp wire face MSE wall at CL I-74 and backfill to elevation of bottom of WB IL Viaduct S Abutment	64C08	Construct WB IL Viaduct S Abutment
Complete WB RW 05 (SN 081-6014), temp wire face MSE wall at CL I-74 and backfill WB IL Viaduct S Abutment for approach slab	64C08	Construct WB IL Viaduct S approach footing and approach slab
Complete WB ITS infrastructure installation IL, 7th Ave to S end	(222), (221)	Install Fiber Optics for WB, Deploy & Integrate ITS for WB
Complete WB Mainline pavement to N limit (joint with 64C08 approach slab)	64C08	Install preformed joint seal at S end of WB IL Viaduct S approach slab (at 64E26 mainline pavement)

# Stage 2 Milestone Completion Date: November 26, 2019

# Contract Start Through Stage 3

Contract 64E26 Work to be Completed	Adjacent Contract / Project	Adjacent Successor Work Dependent on Completed Contract 64E26 Work
Complete ACGI at EB IL Viaduct S Abutment	64C08	Drive piles for EB IL Viaduct S Abutment
Construct MSE RW 05 (SN 081-6014) and backfill to elevation of bottom of EB IL Viaduct S Abutment	64C08	Construct EB IL Viaduct S Abutment
Complete EB MSE RW 05 (SN 081-6014) and backfill EB IL Viaduct S Abutment for approach slab	64C08	Construct EB IL Viaduct S approach footing and approach slab
Complete Identity Element Foundations at Avenue of the Cities	206	Install Identity Elements in Moline
Complete EB ITS infrastructure installation IL, 7th Ave to S end	(222), (221)	Install Fiber Optics for EB, Deploy & Integrate ITS for EB
Complete EB Mainline pavement to N limit (joint with 64C08 approach slab)	64C08	Install preformed joint seal at S end of EB IL Viaduct S approach slab (at 64E26 mainline pavement)

#### Stage 3 Milestone Completion Date: November 24, 2020

#### Contract Start Through Pre-Stage

Project (197) Work to be Completed	Adjacent Contract / Project	Adjacent Successor Work Dependent on Completed Project (197) Work
Install floating silt curtain around Moline water supply intake and south of proposed river bridge spans 1-9	IL 64C08	Install storm sewer outlets into Mississippi River

Pre-Stage Milestone Completion Date: November 21, 2017

Project (197) Work to be Completed	Adjacent Contract / Project	Adjacent Successor Work Dependent on Completed Project (197) Work
Complete WB Pier 16	(199)	Set girders WB IA Viaduct span 16
Place upper portion of backwalls, WB Abutment, Units 1A and 1B	IL 64C08	Construct WB River Bridge mainline and Ramp RD-H remaining embankment and approach slabs in Moline
Install ITS infrastructure for Structural Health Monitoring devices and sensors on WB Approach Spans. *	(198)	Install Structural Health Monitoring devices and sensors on WB Approach Spans. *
Complete WB deck concrete placement at Pier 12 (with blockout for modular expansion joint)	(198)	Install modular expansion joint at WB Pier 12, including concrete in blockout areas both sides.
Complete WB deck concrete placement at Pier 16 (with blockout for finger plate expansion joint)	(199)	Install finger plate expansion joint at WB Pier 16, including concrete in blockout areas both sides.
Complete ITS infrastructure installation on WB Approach Spans	(222), (221)	Install Fiber Optics for WB, Deploy and Integrate ITS for WB

Stage 2 Milestone Completion Date: November 26, 2019

#### Contract Start Through Stage 3

Project (197) Work to be Completed	Adjacent Contract / Project	Adjacent Successor Work Dependent on Completed Project (197) Work
Complete EB Pier 16	(200)	Set girders EB IA Viaduct span 16
Place upper portion of backwalls, EB Abutment 1, Units 1A and 1B	IL 64C08	Construct EB River Bridge mainline and Ramp RD-G) remaining embankment and approach slabs in Moline
Install ITS infrastructure for Structural Health Monitoring devices and sensors on EB Approach Spans. *	(198)	Install Structural Health Monitoring devices and sensors on EB Approach Spans. *
Complete EB deck concrete placement at Pier 12 (with blockout for modular expansion joint)	(198)	Install modular expansion joint at EB Pier 12, including concrete in blockout areas both sides.
Complete EB deck concrete placement at Pier 16 (with blockout for finger plate expansion joint)	(200)	Install finger plate expansion joint at EB Pier 16, including concrete in blockout areas both sides.
Complete ITS infrastructure installation on EB Approach Spans	(222), (221)	Install Fiber Optics for EB, Deploy and Integrate ITS for EB

#### Stage 3 Milestone Completion Date: November 24, 2020

\* Structural Health Monitoring interdependencies require on-going coordination for installation of many separate devices and sensors. It is not required to list each one as a separate activity in the CPM Construction Schedule. See Special Provisions for Structural Health Monitoring and Instrumentation Coordination, Project (197), and Special Provisions for Structural Health Monitoring and Monitoring and Instrumentation, Project (198).

Project (198) Work to be Completed	Adjacent Contract / Project	Adjacent Successor Work Dependent on Completed Project (198) Work
Complete WB arch erection, remove temp works from WB Piers 10, 11, 14 and 15	(197)	Construct columns and caps, WB Piers 10, 11, 14 and 15
Complete WB deck concrete placement at Pier 13 (with blockout for finger plate expansion joint)	(197)	Install finger plate expansion joint at WB Pier 13, including concrete in blockout areas both sides
Complete ITS infrastructure installation on WB Arch Span	(222), (221)	Install Fiber Optics for WB, Deploy and Integrate ITS for WB

Stage 2 Milestone Completion Date: November 26, 2019

# **Contract Start Through Stage 3**

Project (198) Work to be Completed	Adjacent Contract / Project	Adjacent Successor Work Dependent on Completed Project (198) Work
Complete EB arch erection, remove temp works from EB Piers 10, 11, 14 and 15	(197)	Construct columns and caps, EB Piers 10, 11, 14 and 15
Complete EB deck concrete placement at Pier 13 (with blockout for finger plate expansion joint)	(197)	Install finger plate expansion joint at EB Pier 13, including concrete in blockout areas both sides
Complete ITS infrastructure installation on EB Arch Span	(222), (221)	Install Fiber Optics for EB, Deploy and Integrate ITS for EB

Stage 3 Milestone Completion Date: November 24, 2020

# Contract Start Through Pre-Stage

Projects (199) and (260) Work to be Completed	Contract	Adjacent Successor Work Dependent on Completed Project (199) or (260) Work
Relocate part of existing sanitary sewer	(197)	Construct drilled shaft foundation for WB Pier 16

Stage 1 Milestone Completion Date: November 20, 2018

Projects (199) and (260) Work to be Completed	Adjacent Contract / Project	Adjacent Successor Work Dependent on Completed Project (199) or (260) Work
Remove existing WB IA Viaduct north of Mississippi Blvd	(206)	Place embankment north of Mississippi Blvd for new WB Mainline pavement
Remove existing WB IA Viaduct from south of Gilbert St (Pier WB11) to S of Brown St	(200)	Construct EB IA Viaduct from Pier 17 to Pier 26 and US 67 Ramp C from Pier 21C to Abutment 23C
Complete ITS infrastructure installation on WB IA Viaduct	(222), (221)	Install Fiber Optics for WB, Deploy and Integrate ITS for WB

Stage 2 Milestone Completion Date: November 26, 2019

# **Contract Start Through Stage 3**

Projects (200) and (255) Work to be Completed	Adjacent Contract / Project	Adjacent Successor Work Dependent on Completed Project (200) or (255) Work
Drive US 67 Ramp A North Abutment piles in MSE zone	(206)	Construct MSE Retaining Wall 165
Remove remaining existing WB IA Viaduct existing WB exit ramp to State Street, from north of the river to Gilbert St	(206)	Place embankment for Ramp US 67 Ramp C
Remove existing EB IA Viaduct north of Mississippi Blvd.	(206)	Place embankment north of Mississippi Blvd for EB IA Viaduct Abutment 32 and approach pavement
Complete ITS infrastructure installation on EB IA Viaduct	(222), (221)	Install Fiber Optics for EB, Deploy and Integrate ITS for EB

Stage 3 Milestone Completion Date: November 24, 2020

# Contract Start Through Stage 1

Project (205) Work to be Completed	Contract	Adjacent Successor Work Dependent on Completed Project (205) Work
Complete pavement US 67 Ramp D between US 67 (Grant St) and Ramp D bridge	(199)	Construct bridge approach pavement, south of US 67 Ramp D bridge

Stage 1 Milestone Completion Date: November 20, 2018

Project (208) Work to be Completed	Adjacent Contract / Project	Adjacent Successor Work Dependent on Completed Project (208) Work
Provide light poles for IL I-74 EB plug fill RT barrier, Ramp RD-G, and River Dr west of I-74	64C08	Install light poles IL I-74 EB plug fill RT barrier, Ramp RD-G, and River Dr west of I-74
Provide light poles for IL I-74 median at plug fill after crossover is removed	64C08	Install light poles for IL I-74 median at plug fill after crossover is removed
Provide light poles for Ramps 7TH-B and remaining Ramps AC-C and AC-B	64E26	Install light poles Ramps 7TH-B and remaining Ramps AC-C and AC-B
Provide light poles for remaining IL I-74 median south of Ave of the Cities after crossover is removed	64E26	Install light poles for remaining IL I-74 median south of Ave of the Cities after crossover is removed
Provide light pole for US 67 Ramp A bridge	(200)	Install light pole US 67 Ramp A bridge
Provide light poles for US 67 Ramp A and Middle Rd Ramp C	(206)	Install light poles US 67 Ramp A and Middle Rd Ramp C
Provide light poles for US 67 Ramp C	(206)	Install light poles US 67 Ramp C
Provide light poles for IA I-74 median, Mississippi Blvd to Middle Rd south of Ave of the Cities after crossover is removed	(206)	Install light poles IA I-74 median, Mississippi Blvd to Middle Rd south of Ave of the Cities after crossover is removed
Provide light poles for EB River Bridge Approach Spans	(197)	Install light poles EB River Bridge Approach Spans
Provide light poles for EB River Bridge Arch Span	(198)	Install light poles EB River Bridge Arch Span
Provide light poles for EB IA Viaduct (all spans), US 67 Ramp C bridges	(200)	Install light poles EB IA Viaduct (all spans), US 67 Ramp C bridges

Stage 3 Milestone Completion Date: November 24, 2020

Project (209) Work to be Completed	Adjacent Contract / Project	Adjacent Successor Work Dependent on Completed Project (209) Work
Provide luminaires for IL I-74 EB plug fill RT barrier, Ramp RD-G, and River Dr west of I-74; underdeck luminaires: EB over Ramp 6TH-C, 6th Ave and 7th Ave	64C08	Install luminaires IL I-74 EB plug fill RT barrier, Ramp RD-G, and River Dr west of I-74; underdeck: EB over Ramp 6TH-C, 6th Ave and 7th Ave
Provide luminaires for IL I-74 median at plug fill after crossover is removed	64C08	Install luminaires for IL I-74 median at plug fill after crossover is removed
Provide luminaires for Ramps 7TH- B and remaining Ramps AC-C and AC-B; EB underdeck luminaires Ave of the Cities	64E26	Install luminaires Ramps 7TH-B and remaining Ramps AC-C and AC-B; EB underdeck Ave of the Cities
Provide luminaires for remaining IL I-74 median south of Ave of the Cities after crossover is removed	64E26	Install luminaires for remaining IL I-74 median south of Ave of the Cities after crossover is removed
Provide luminaire for US 67 Ramp A bridge	(200)	Install luminaire US 67 Ramp A bridge
Provide luminaires for US 67 Ramp A and Middle Rd Ramp C	(206)	Install luminaires US 67 Ramp A and Middle Rd Ramp C
Provide luminaires for US 67 Ramp C	(206)	Install luminaires US 67 Ramp C
Provide luminaires for IA I-74 median, Mississippi Blvd to Middle Rd south of Ave of the Cities after crossover is removed	(206)	Install luminaires IA I-74 median, Mississippi Blvd to Middle Rd south of Ave of the Cities after crossover is removed
Provide luminaires for EB River Bridge Approach Spans	(197)	Install luminaires EB River Bridge Approach Spans
Provide luminaires for EB River Bridge Arch Span	(198)	Install luminaires EB River Bridge Arch Span
Provide luminaires for EB IA Viaduct (all spans), US 67 Ramp C bridges; underdeck luminaires: EB IA Viaduct over Gilbert St and over US 67 (Grant St), US 67 over Gilbert St	(200)	Install luminaires EB IA Viaduct (all spans), US 67 Ramp C bridges; underdeck luminaires: EB IA Viaduct over Gilbert St and over US 67 (Grant St), US 67 over Gilbert St

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- E. Any sediment control measures implemented, on land or water, shall remain in place and maintained until construction in the area is completed. For areas on the river bank, sediment control measures shall remain in place and be maintained until the area has been stabilized with temporary or permanent seeding. All earthwork operations on shore will be carried out in such a manner to ensure no sediment runoff and soil erosion will enter the river.
- F. Temporary sediment control measures removed or damaged due to construction activities or high water levels shall be replaced or repaired, where possible, within the emergency mobilization time of 8 hours or within standard mobilization time of 72 hours. If it is not possible to meet the designated time frames, sediment controls shall be replaced prior to recommencing work that would cause turbidity issues in the water.
- G. The clearing of vegetation will be limited to that which is absolutely necessary for construction and operation of the project. All areas disturbed by construction activities and not covered with riprap shall be re-seeded with Class 4 native grass mix according to Section 250 of the Standard Specifications, unless otherwise specified in the contract documents. All re-vegetated areas shall be monitored to make certain they succeed.
- H. Removal and replacement of any revetment stone placed as part of the project should yield a structure with no significant change in gradation. Any damaged stone shall be replaced with new stone to ensure proper gradation.
- I. Any and all barges and other water craft used for construction activities, shall be inspected for the presence of zebra mussels prior to placing the barges into the Mississippi River. Barges shall be completely out of the water for 10 days with all compartments opened that could potentially contain water and therefore harbor adult, larval or juvenile zebra mussel. This will ensure proper drying of the barge(s) and reduction of potential infestation. If the barge is obtained from a local source, United States Fish and Wildlife Service, Illinois Department of Natural Resources and Iowa Department of Natural Resources staff must still be contacted to discuss previous locations at which the barge has been used.
- J. The U.S. Army Corps of Engineers (USACE) shall be notified if temporary work is constructed and when it is removed from the river. All temporary construction required shall be removed from the River in its entirety once it is no longer needed for construction of the project.
- K. Temporary construction in the River may include an appropriate combination of barges, temporary slips, temporary supports (falsework), temporary bridge/work platform and temporary cofferdams. An elevated earthen/sand/rock work platform (causeway or equipment pad) shall not be used for any construction; fills in the River for temporary crossings, causeway, or equipment pad structures are not permitted. Contractor's construction operations in the River shall be in conformance with the Special Provision for Mussel Conservation.

- L. A plan for all temporary construction operations needed shall be submitted to and approved by the USACE and the Engineer prior to installation. The plan must include but is not limited to the location identified on an aerial photo, the dimensions, construction methods, duration of use and measures that will be used to control turbidity and/or sedimentation. The Contractor shall submit the plan for all temporary construction operations to the Engineer, the Illinois Environmental Protection Agency (EPA) and the USACE for approval 45 days prior to starting work on the temporary construction.
- M. If dredging is needed to convey barges the discharge will not be placed back into the River. The USACE shall be notified of the location of dredging, amount to be dredged, and any Section 401 water quality testing required by the Iowa Department of Natural Resources prior to any discharge of dredged material. Should dredged or excavated material be deposited on the shore before being hauled away, silt fences, perimeter and slope sediment control devices, or low silt berms shall be required to limit the reentry of sediments into the river. In addition, the materials shall be placed in a confined area, not classified as a wetland. Only mechanical dredging is allowed.
- N. Native materials removed from cofferdams may be replaced in the cofferdam. Other than replacing native materials, any fill materials introduced into the River must be clean (meaning less than 10% fines that would pass through a #200 sieve). Areas disturbed by dredging shall be backfilled with special revetment. Dredging and backfill is included in project IM-NHS-074-1(197)5--03-82 and project IM-NHS-074-1(198)5--03-82.
- O. The Contractor shall remove any debris from the water or the river bed as soon as practicable during the same work day in order to prevent the accumulation of unsightly, deleterious, and /or potentially polluted materials, as directed by the Engineer. The Contractor shall also implement measures to prevent debris from falling into the river. Should debris enter the river, it shall be retrieved immediately. Debris will not be allowed to collect on the bottom of the river.
- P. No materials, including cleared and grubbed vegetation or construction debris, shall be disposed of in such a way that it could enter a wetland or waterway.
- Q. The contractor shall perform his work in such a way to ensure that no wet or dried concrete shall enter the River, any waterway or wetlands. If concrete does enter these areas the Contractor shall be solely responsible for any remediation necessary. Wash concrete trucks out in such a manner that wash water cannot enter the River, waterway, or wetlands. If a designated area is constructed or identified, that location shall be included in the temporary construction plans.

- R. Care shall be taken to prevent materials spilled or stored on site from washing into any wetland or waterway as a result of cleanup activities, natural runoff, or flooding, and that, during construction, any materials, which are accidentally spilled into these areas, will be retrieved.
- S. No fuels, lubricants, form oil, or similar products shall be stored in an area that has not been protected by a berm or other spill materials within the project area. All handling and storage of these materials must be done in such a manner as to comply with federal Spill Prevention Control and Countermeasure regulations and protect all water bodies from accidental spills and leaks.
- T. The contractor shall perform his work in such a way as to prevent materials spilled or stored on site from washing into the River or any wetland or waterway as a result of cleanup activities, natural runoff, or flooding. If, during construction, any materials are accidentally spilled into these areas, the materials will be retrieved and/or remediated immediately.
- U. Spill protection material (i.e., spill kit) shall be readily available at the project site, and on work barges, to contain and absorb accidental spills of fluids from construction equipment. Personnel trained in the implementation of the spill kit shall be readily available onsite to respond to accidental spills.
- V. Open burning within the project limits is prohibited.

# PROTECTED SPECIES

A. Sylvan Slough, downstream of the project area, has been identified by the US Fish and Wildlife service as an Essential Habitat Area for the federally endangered Higgins eye pearly mussels. In addition, Sylvan Slough is inhabited by two other federally endangered mussels, spectacle case mussel and sheepnose mussel. Please refer to Special Provision for Mussel Conservation for more information on protecting threatened and endangered species.

#### MUSSEL CONSERVATION

<u>DESCRIPTION.</u> Part of the work under this contract is located in an environmentally sensitive area within the Mississippi River (the River). This work has the potential to impact state and federally threatened and endangered mussels living in the River thus requiring areas in the River to be designated as Environmentally-Sensitive Areas (Restricted Access) [ES Areas]. No disturbances to the river bed, no propulsion, no propellers or motorized vehicles will be allowed in ES Areas. The ES Areas are shown as red hatched areas in Figures 1 and 2.

The Contractor's construction operations that would impact the river bed, including mechanical dredging, temporary slips, temporary supports (falsework), temporary bridge/work platform and temporary cofferdams, are allowed in the yellow shaded areas designated as I-74 Bridge Replacement Authorized Construction Areas [AC Areas], as shown in Figure 1. The limits of the AC Areas (yellow shaded) have been approved in the Biological Opinion, the Incidental Take Authorization and the Section 404 permit and are not negotiable.

In areas immediately adjacent to the yellow shaded AC Areas, where conditions permit (i.e. water depths sufficient), the Contractor may have floating barges/work platforms. The floating elements shall, in no way, touch the river bed. A "pre-approved" area for tied downs, mooring posts or tug boats is identified as Barge Anchorage Areas [BA Areas, pink shaded in Figure 1.

Work in the areas of the River outside of the ES Areas (red hatched) and AC Areas (yellow shaded)) is designated "Conventional River Construction" in Figure 1, and is subject to typical USACE and DNR permitting and Coast Guard navigation requirements. The Contractor shall make every reasonable effort to execute the construction in a manner so as to minimize any adverse impact of the construction or work on fish, mussels, wildlife, or natural areas.

An exception to the conditions of the first paragraph above, will be allowed to install and maintain floating silt curtains. If motorized boats are used for this purpose, they shall be chosen to cause the least turbulence and disturbance to the river bed, and shall travel at no wake speed in the ES Areas.

#### WORK ZONE REQUIREMENTS

- A. Any construction related conditions deemed to be potentially damaging to environmentally sensitive resources by the Engineer shall be rectified immediately or construction will cease until such time as the condition is rectified. At the discretion of the Engineer, construction activities may resume once provisions to rectify the situation are made.
- B. The Contactor's construction operations impacting the river bed are allowed in the yellow shaded AC Areas as shown in Figure 1 These areas shall be protected with temporary sediment control measures by others, in accordance with the details in the contract documents for Iowa Project IM-NHS-074-1(197)5--03-82. No work shall commence on work in the River until temporary sediment control measures identified in the plans have been installed.

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- C. Concurrently with construction, prior to work in the water, silt curtains will be deployed by others, as depicted in Figure 1 and as detailed in projects IM-NHS-074-1(197)5--03-82 and IM-NHS-074-1(198)5--03-82. Any additional sediment control measures will be employed as needed, and at the Engineer's discretion, to protect waters of the U.S., threatened and endangered mussels and the City of Moline drinking water intake.
- D. Construction in the River will require access to the River via the Iowa or Illinois bank. Figure 2 identifies areas that are restricted from being used as River access due to endangered mussel inhabitation. No river access will be allowed within the restricted areas identified on Figure 2.
- E. Areas disturbed by dredging (only mechanical dredging is allowed) shall be backfilled with Special Revetment.
- F. It is the goal of Iowa's and Illinois' Water Quality Standards that all uses of the River be maintained and protected. The dredging will cease if the water quality standards of either the State of Iowa or the State of Illinois are violated.

# PROTECTED SPECIES

- A. Sylvan Slough, downstream of the project area, has been identified by the US Fish and Wildlife service as an Essential Habitat Area for the federally endangered Higgins eye pearly mussels. In addition, Sylvan Slough is inhabited by two other federally endangered mussels: spectacle case mussel and sheepnose mussel.
- B. If during the course of construction, any discoveries of additional protected plants or animals are made in the project area, the Contractor shall notify the Engineer immediately.
- C. It will be the Contractor's responsibility to ensure that the day-to-day operations of the project comply with this Special Provision. The Engineer will be available throughout the project to offer guidance to the Contractor regarding compliance with this Special Provision. Any environmental monitoring, required by the US Fish and Wildlife Service, of environmentally sensitive areas or areas where mussels could be present will be performed by the contracting authority or its designee and coordinated with the Contractor through the Engineer.

# MATERIALS

- A. Backfill for areas disturbed by dredging shall be Special Revetment, in accordance with the following: Special Revetment shall be granite material from an approved source, has a nominal 1.5 foot size. 100% of the material shall pass though the 2-foot r while 100% shall be retained on a 1-foot screen
- B. Silt curtain is included in project IM-NHS-074-1(197)5--03-82 and project IM-NHS-074-1(198)5--03-82.

#### PAYMENT

- A. No separate payment will be made for costs incurred due to compliance with this Special Provision.
- B. No additional time will be provided to the contract unless approved in writing by the Engineer.



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# HANDHOLE TO BE ADJUSTED

This work shall be completed according to Section 814 of the Standard Specifications and as noted herein. The handholes located in the existing sidewalk at the intersection of 4<sup>th</sup> Avenue and 19<sup>th</sup> Street will need to be adjusted to match the finished grade of the sidewalk/ramp. All work and materials necessary to achieve a functioning handhole at finished grade, including replacing the handhole if necessary, is included in this pay item.

Existing handholes to be used in place may require modification to be flush with the finished grade. This work shall be included within this pay item.

Basis of Payment. This work will be paid for at the contract unit price per each for HANDHOLE TO BE ADJUSTED.

METHOD OF MEASUREMENT. Junction Box constructed as shown in the plans, and in conformance with these Special Provisions will be measured for payment, in place, per lump sum. Inlet pipes and storm sewers embedded in the walls will be measured for payment as specified in Section 540 and Section 542 or in other applicable section of these Specifications.

BASIS OF PAYMENT. All labor, equipment and materials required to complete this item and the temporary soil retention system as specified herein shall be paid for at the contract unit price per L SUM for the JUNCTION BOX, JUNCTION BOX, NUMBER 1, JUNCTION BOX, NUMBER 2, JUNCTION BOX, NUMBER 3, JUNCTION BOX, NUMBER 4 and JUNCTION BOX, NUMBER 5.

#### RAILROAD COORDINATION

In order to work within the Burlington Northern Santa Fe's (BNSF) right-of-way the Contractor is encouraged to develop their own safety rules that meet or exceed the requirements established by the BNSF. A web site has been set up to assist in preparation of a safety plan—*www.bnsfcontractor.com*. Contractors will not be allowed to occupy or work on BNSF right-of-way prior to registering on the web site and completing the course.

Contractors working on the railroad right of way will need to obtain a right of entry permit prior to entering railroad property and obtain flagging protection in accordance with the latest version of the "**BNSF Utility Accommodation Policy**." Contractors working on the railroad right of way will need to obtain the additional insurance policies specified by the railroad and shall be in accordance with the railroad protective liability insurance BDE special provision.

Utility crossings and relocations shall conform to BNSF standards as outlined in the latest version of the "**BNSF Utility Accommodation Policy**." This policy is to prescribe the accommodation, location and method of installation, adjustments, removal, relocation and maintenance of utility facilities within the property of Burlington Northern & Santa Fe Railway Company.

The Contractor shall coordinate with the BNSF and the Department prior to the commencement of work in the vicinity of the railroad. Permits for the proposed jacked in place pipes will be coordinated with the BNSF by the City of Moline. The Contractor is to confirm the appropriate permits have been obtained prior to the commencement of work in the vicinity of the railroad.

# **RELOCATE EXISTING SIGN (SPECIAL)**

This work shall be in accordance with Section 895 of the Standard Specifications except as modified herein.

The Contractor shall relocate the illuminated Rt-turn blank-out sign at the intersection of 4th Avenue and 19th Street to the proposed signal. All cable, wiring, connections and testing associated with this relocation are to be paid for in this pay item.

Basis of Payment. This work will be paid for at the contract unit price per each for RELOCATE EXISTING SIGN (SPECIAL).

# RELOCATE INTERCONNECT CABLE

The railroad interconnect with the intersection of 4<sup>th</sup> Avenue and 19<sup>th</sup> Street will need to be maintained and relocated to the new handholes and conduit. All cable, wiring, connections and testing associated with this relocation are to be paid for in this pay item.

Basis of Payment. This work will be paid for at the contract unit price per each for RELOCATE INTERCONNECT CABLE.

#### REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

Various unsuitable materials are known to exist within the footprint of the roadway embankment between the Mississippi River and River Drive. These materials consist of uncompacted earth fill, vegetative debris, concrete foundations (various thicknesses), paved driveways, construction debris located in mounds above the surrounding ground surface, and organic debris located below the prevailing ground surface. The Contractor shall sequence earthwork in this area to determine the extents of unsuitable materials

The Contractor shall remove buried organic debris, concrete debris larger than 18 inches in any dimension, soils with moisture contents greater than 50 percent, and soils with organic contents greater than 10 percent from beneath the footprint of the proposed embankment. The estimated extent of the buried debris is shown on the Plans. Removal and disposal shall be to the extent actually encountered during excavation as determined by the Engineer. Unsuitable material outside of the maximum limits shown on the Plans shall remain in place. Where the excavation continues below the water level, the material shall be stockpiled or otherwise processed to remove excess water and allow it to be observed by the Engineer. The Contractor shall dispose of excavated materials in such a manner that public or private property will not be damaged or endangered. The Contractor may place suitable excavated materials in fills or embankments in lifts and compact according to Section 205 of the Standard Specifications. The Contractor may sort excavated materials and incorporate suitable material into embankment when approved by the Engineer. All work associated with excavation, stockpiling, processing and sorting shall be included in the cost of the associated excavation. Removal and disposal of sorted unsuitable material shall be included in the cost of REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.

An "obstruction" shall be defined as any object that cannot be removed and hauled with normal earth moving equipment, but requires concrete breakers, saws, cutting torches or other special handling to remove. When obstructions are encountered, the Contractor shall notify the Engineer and upon concurrence of the Engineer, the Contractor shall begin working to break up, remove, and dispose of the obstruction.

Unsuitable material and obstructions removed in accordance with this special provision shall be replaced with rock fill up to the surface of any standing water, but not less than Elev. 561.0. Positive drainage and dewatering shall be used to direct water away from the embankment and grading site, and shall be included in the cost of the associated work. Additional lifts of rock fill shall be placed until general embankment material can be satisfactorily placed and compacted, as determined by the Engineer. The remainder of any backfill shall be embankment in accordance with Section 205 of the Standard Specifications. All backfill shall be classified according to the actual material placed and paid for as specified in other items of work.

BASIS OF PAYMENT. This work will be measured according to Section 202 of the Standard Specifications. The work will be paid for at the contract unit prices per cubic yard for EARTH EXCAVATION or REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL, depending on the nature of the material excavated. Backfill shall be classified as described above and shall be paid for according to the Rock Fill (Z0054500) Special Provision and Article 205.09. Obstruction removal shall be paid for according to Article 109.04.

#### REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES

This work shall be according to Article 669 of the Standard Specifications and the following:

<u>Qualifications</u>: The term environmental firm shall mean an environmental firm with at least five (5) documented leaking underground storage tank (LUST) cleanups or that is pre-qualified in hazardous waste by the Department. Documentation includes but not limited to verifying remediation and special waste operations for sites contaminated with gasoline, diesel, or waste oil in accordance with all Federal, State, or local regulatory requirements and shall be provided to the Engineer for approval. The environmental firm selected shall not be a former or current consultant or have any ties with any of the properties contained within and/or adjacent to this construction project.

<u>General:</u> This Special Provision will likely require the Contractor to subcontract for the execution of certain activities.

All contaminated materials shall be managed as either "uncontaminated soil" or non-special waste. <u>This work shall include monitoring and potential sampling, analytical testing, and management of a material contaminated by regulated substances.</u> The Environmental Firm shall continuously monitor all soil excavation for worker protection and soil contamination. **Phase I Preliminary Engineering information is available through the District's Environmental Studies Unit.** Soil samples or analysis without the approval of the Engineer will be at no additional cost to the Department. The lateral distance is measured from centerline and the farthest distance is the offset distance or construction limit whichever is less.

The Contractor shall manage any excavated soils and sediment within the following areas:

<u>Site 1314V3-1 – IDOT ROW</u>

- Station 252+35 to Station 252+90 (existing I-74 NB), 0 to 40 feet RT and 0 to 20 feet LT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameter: lead.
- Station 252+90 to Station 253+85 (existing I-74 NB), 0 to 20 feet RT and 0 to 20 feet LT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameter: manganese.
- Station 253+85 to Station 254+90 (existing I-74 NB), 0 to 20 feet RT and 0 to 20 feet LT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(b)(1) and shall be managed in accordance with Article 669.09. COC sampling parameter: pH.
- Station 254+90 to Station 255+95 (existing I-74 NB), 0 to 30 feet RT and 0 to 20 feet LT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: pH, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo-(a,h)anthracene, lead, manganese.

- Station 255+95 to Station 257+20 (existing I-74 NB), 0 to 30 feet RT and 0 to 50 feet LT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene, lead, manganese.
- Station 44+05 to Station 45+45 (proposed I-74), 35 feet to 95 feet RT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: lead, manganese.
- Station 45+45 to Station 46+90 (proposed I-74), 35 feet to 95 feet RT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameter: lead.
- Station 46+90 to Station 47+85 (proposed I-74), 35 feet to 125 feet RT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameter: manganese.
- Station 430+65 to Station 431+45 (Ramp 6th-D), 0 to 30 feet RT and 0 to 30 feet LT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: lead, manganese.
- Station 44+00 to Station 45+65 (proposed I-74), 0 to 35 feet RT and 0 to 75 feet LT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameter: manganese.
- Station 45+65 to Station 47+75 (proposed I-74), 0 to 35 feet RT and 0 to 75 feet LT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameter: manganese.

Site 1314V3-2 – Mississippi River

- Station 219+25 to Station 219+70 (Ramp RD-H), 0 to 100 feet RT (Mississippi River, PESA Site 1314V3-2, near I-74 mile marker 1, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: pH, benzo(a)pyrene, manganese.
- Station 127+50 to Station 128+60 (Ramp RD-G), 0 to 210 feet RT and 0 to 105 feet LT (Mississippi River, PESA Site 1314V3-2, near I-74 mile marker 1, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: pH, manganese.

Site 1314V3-4 - City of Moline Water Department

 Station 252+35 to Station 252+90 (existing I-74 SB), 0 to 60 feet LT (City of Moline Water Division, PESA Site 1314V3-4, 30 18th Street, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene, lead, manganese.

#### Site 1314V3-5 – Industrial Building

- Station 256+80 to Station 257+75 (I-74 existing NB), 45 feet to 195 feet LT (Industrial Building, PESA Site 1314V3-5, 1 Kone Court, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameter: manganese.
- Station 257+75 to Station 258+95 (I-74 existing NB), 45 feet to 195 feet LT (Industrial Building, PESA Site 1314V3-5, 1 Kone Court, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo-(a,h)anthracene, lead, manganese.

#### Site 1314V3-6 – Vacant Land

- Station 128+65 to Station 129+60 (Ramp RD-G), 40 feet to 185 feet RT (Vacant Land, PESA Site 1314V3-6, 2020 River Drive, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: arsenic, benzo(a)pyrene, and iron.
- Station 129+60 to Station 130+70 (Ramp RD-G), 40 feet to 155 feet RT (Vacant Land, PESA Site 1314V3-6, 2020 River Drive, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo-(a,h)anthracene, manganese.
- Station 130+70 to Station 131+50 (Ramp RD-G), 70 feet to 120 feet RT( Vacant Land, PESA Site 1314V3-6 (1314-7, 1314-5, 2708-64, 1314V2-6), 2020 River Drive, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameter: manganese.
- Station 132+30 to Station 133+10 (Ramp RD-G), 0 to 20 feet and 0 to 50 feet LT (Vacant Land, PESA Site 1314V3-6, 2020 River Drive, Moline): This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene, manganese.
- Station 133+10 to Station 134+00 (Ramp RD-G), 45 feet to 100 feet RT (Vacant Land, PESA Site 1314V3-6, 2020 River Drive, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameter: manganese.
- Station 134+00 to Station 134+75 (Ramp RD-G), 25 feet to 110 feet RT (Vacant Land, PESA Site 1314V3-6, 2020 River Drive, Moline): This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance with Article 669.09. COC sampling parameter: benzo(a)pyrene.
- Station 133+65 to Station 134+65 (Ramp RD-G), 95 feet to 235 feet RT (Vacant Land, PESA Site 1314V3-6, 2020 River Drive, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, carbazole, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, manganese.
- Station 133+65 to Station 135+20 (Ramp RD-G), 235 feet to 420 feet RT (Vacant Land, PESA Site 1314V3-6, 2020 River Drive, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, lead, manganese.

- Station 134+00 to Station 134+65 (Ramp RD-G), 0 to 25 feet RT and 0 to 55 feet LT (Vacant Land, PESA Site 1314V3-6, 2020 River Drive, Moline): This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene, benzo(b)fluoranthene, manganese.
- Station 211+10 to Station 212+35 (Ramp RD-H), 5 feet to 95 feet RT (Vacant Land, PESA Site 1314V3-6, 2020 River Drive, Moline): This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance with Article 669.09. COC sampling parameter: benzo(a)pyrene.
- Station 30+60 to Station 31+35 (proposed I-74), 0 to 20 feet RT and 0 to 20 feet LT (Vacant Land, PESA Site 1314V3-6, 2020 River Drive, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameter: manganese.
- Station 30+60 to Station 31+35 (proposed I-74), 20 feet to100 feet RT (Vacant Land, PESA Site 1314V3-6, 2020 River Drive, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameter: manganese.
- Station 30+60 to Station 31+15 (I-74 proposed), 30 feet to 300 feet LT (Vacant Land, PESA Site 1314V3-6, 2020 River Drive, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: lead and manganese.
- Station 133+10 to Station 134+00 (Ramp RD-G), 0 to 50 feet RT and 0 to 50 feet LT (Vacant Land, PESA Site 1314V3-6, 2020 River Drive, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese, benzo(a)pyrene.
- Station 27+40 to Station 29+20 (proposed I-74), 0 to 20 feet RT and 0 to 95 feet LT (Vacant Land, PESA Site 1314V3-6, 2020 River Drive, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo-(a,h)anthracene and lead.
- Station 131+45 to Station 132+30 (Ramp RD-G), 0 to 95 feet RT and 0 to 5 feet LT (Vacant Land, PESA Site 1314V3-6, 2020 River Drive, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: pH, benzo(a)anthracene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene.
- Station 26+00 to Station 27+40 (proposed I-74), 0 to 15 feet RT and 0 to 100 feet LT (Vacant Land, PESA Site 1314V3-6, 2020 River Drive, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene and lead.
- Station 130+70 to Station 131+45 (Ramp RD-G), 0 to 70 feet RT and 0 to 5 feet LT (Vacant Land, PESA Site 1314V3-6, 2020 River Drive, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)anthracene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene.
- Station 128+60 to Station 130+65 (Ramp RD-G). 0 to 40 feet RT and 0 to 35 feet LT (Vacant Land, PESA Site 1314V3-6, 2020 River Drive, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese and lead.

- Station 127+50 to Station 128+60 (Ramp RD-G), 0 to 115 feet RT and 0 to 35 feet LT (Vacant Land, PESA Site 1314V3-6, 2020 River Drive, Moline): This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene, dibenzo(a,h)anthracene.
- Station 134+75 to Station 135+30 (Ramp RD-G), 25 feet RT to 115 feet RT (Vacant Land, PESA Site 1314V3-6, 2020 River Drive, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: lead and manganese.
- Station 217+55 to Station 219+45 (Ramp RD-H), 85 to 120 feet LT (River Stone Moline Yard, PESA Site 1314V3-7, 75 23rd Street and 301 River Drive, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: pH, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene.
- Station 216+35 to Station 218+55 (Ramp RD-H), 55 feet to 90 feet LT (River Stone Moline Yard, PESA Site 1314V3-7, 75 23rd Street and 301 River Drive, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, VOCs.
- Station 215+35 to Station 216+35 (Ramp RD-H), 55 feet to 100 feet LT (River Stone Moline Yard, PESA Site 1314V3-7, 75 23rd Street and 301 River Drive, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: arsenic, benzo(a)anthracene, benzo(a)pyrene, benzo-(b)fluoranthene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene.
- Station 212+35 to Station 214+85 (Ramp RD-H), 0 to 65 feet LT (Commercial Building, PESA Site 1314V3-8, 190 22nd Street, Moline): This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene, lead.
- Station 213+30 to Station 214+15 (Ramp RD-H), 10 feet to 65 feet LT (Commercial Building, PESA Site 1314V3-8, 190 22nd Street, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene, manganese, lead.

Site 1314V3-7 – River Stone Moline Yard

- Station 217+45 to Station 219+40 (Ramp RD-H), 0 to 25 feet RT and 0 to 85 feet LT (River Stone Moline Yard, PESA Site 1314V3-7, 75 23rd Street and 301 River Drive, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: pH, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene.
- Station 216+35 to Station 217+45 (Ramp RD-H), 0 to 30 feet RT and 0 to 55 feet LT (River Stone Moline Yard, PESA Site 1314V3-7, 75 23rd Street and 301 River Drive, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)anthracene, benzo(a)pyrene, benzo-(b)fluoranthene, dibenzo(a,h)anthracene, VOCs.
- Station 215+35 to Station 216+35 (Ramp RD-H), 0 to 30 feet RT and 0 to 55 feet LT (River Stone Moline Yard, PESA Site 1314V3-7, 75 23rd Street and 301 River Drive, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: arsenic, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene.

 Station 214+15 to Station 215+35 (Ramp RD-H), 0 to 55 feet RT and 0 to 55 feet LT (River Stone Moline Yard, PESA Site 1314V3-7, 75 23rd Street and 301 River Drive, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, manganese.

# Site 1314V3-8 – Commercial Building

- Station 212+35 to Station 214+85 (Ramp RD-H), 0 to 55 feet RT (Commercial Building, PESA Site 1314V3-8, 190 22nd Street, Moline): This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene, lead.
- Station 213+30 to Station 214+15 (Ramp RD-H), 0 to 55 feet RT (Commercial Building, PESA Site 1314V3-8, 190 22nd Street, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene, manganese, lead.

# Site 1314V3-11 – Vacant Land

- Station 259+00 to Station 259+75 (existing I-74), 80 feet to 170 feet RT (Vacant Land, PESA Site 1314V3-11, 1900 block of River Drive, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with article 669.09. COC sampling parameters: manganese.
- Station 259+75 to Station 260+85 (existing I-74), 80 feet to 170 feet RT (Vacant Land, PESA Site 1314V3-11, 1900 block of River Drive, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene and manganese.
- Station 259+00 to Station 259+75 (existing I-74), 60 feet to 180 feet LT (Vacant Land, PESA Site 1314V3-11, 1900 block of River Drive, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene and manganese.

# Site 1314V3-17 – Parking Lot

- Station 263+00 to Station 264+00 (existing I-74 SB), 35 feet to 75 feet RT (Parking Lot, PESA Site 1314V3-17, 300 block of 19th Street, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: arsenic, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, lead, and manganese.
- Station 264+00 to Station 264+75, (existing I-74 SB), 35 feet to 75 feet RT (Parking Lot, PESA Site 1314V3-17, 300 block of 19th Street, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameter: manganese.

Site 1314V3-18 – Vacant Land

- Station 327+50 to Station 328+50 (Ramp 6th C), 0 to 20 feet RT and 0 to 80 feet LT (Vacant Land, PESA Site 1314V3-18, 1900-2100 blocks of River Drive, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameter: manganese.
- Station 327+00 to Station 328+00 (Ramp 6th-C), 120 feet to 310 feet RT (Vacant Land, PESA Site 1314V3-18, 1900-2100 blocks of River Drive, Moline): This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance with Article 669.09. COC sampling parameter: benzo(a)pyrene.
- Station 326+50 to Station 327+50 (Ramp 6th-C), 0 to 40 feet RT and 0 to 70 feet LT (Vacant Land, PESA Site 1314V3-18, 1900-2100 blocks of River Drive, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameter: manganese.
- Station 32+00 to Station 32+90 (proposed I-74), 0 to 45 feet RT and 0 to 10 feet LT (Vacant Land, PESA Site 1314V3-18, 1900-2100 blocks of River Drive, Moline): This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene, manganese.
- Station 429+30 to Station 430+05 (Ramp 6th-D), 0 to 25 feet RT and 0 to 120 feet LT (Vacant Land, PESA Site 1314V3-18, 1900-2100 blocks of River Drive, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: lead and manganese.
- Station 430+05 to Station 432+20 (Ramp 6th-D), 0 to 30 feet RT and 0 to 130 feet LT (Vacant Land, PESA Site 1314V3-18, 1900-2100 blocks of River Drive, Moline): This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, lead, manganese.
- Station 32+35 to Station 32+55 (proposed I-74), 35 feet to 70 feet LT (Vacant Land, PESA Site 1314V3-18, 1900-2100 blocks of River Drive, Moline): This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene, lead and manganese.
- Station 32+55 to Station 32+90 (proposed I-74), 10 feet to 70 feet LT (Vacant Land, PESA Site 1314V3-18, 1900-2100 blocks of River Drive, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: arsenic, thallium and manganese.
- Station 325+55 to Station 327+05 (Ramp 6th-C), 0 to 40 feet RT and 0 to 50 feet LT (Vacant Land, PESA Site 1314V3-18, 1900-2100 blocks of River Drive, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene.
- Station 430+05 to Station 430+65 (Ramp 6th-D), 0 to 30 feet RT and 0 to 130 feet LT (Vacant Land, PESA Site 1314V3-18, 1900-2100 blocks of River Drive, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene, lead, manganese.
- Station 327+05 to Station 329+30 (Ramp 6th-C), 20 feet to 120 feet RT (Vacant Land, PESA Site 1314V3-18, 1900-2100 blocks of River Drive, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene, lead, manganese.

#### Site 1314V3-21 – BNSF Railroad

- Station 35+10 to Station 36+25 (proposed I-74), 0 to 155 feet RT (BNSF Railroad, PESA Site 1314V3-21, 1900-2200 blocks of 4th Avenue, Moline): This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene, manganese.
- Station 35+10 to Station 36+25 (proposed I-74), 0 to 125 feet LT (BNSF Railroad, PESA Site 1314V3-21, 1900-2200 blocks of 4th Avenue, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: antimony, benzo(a)pyrene, lead, manganese.

#### Site 1314V3-24 – John Deere

- Station 36+25 to Station 37+00 (proposed I-74), 60 feet to 100 feet RT (John Deere, PESA Site 1314V3-24, 400 19th Street, Moline): This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene.
- Station 37+00 to Station 37+85 (proposed I-74), 60 feet to 110 feet RT (John Deere, PESA Site 1314V3-24, 400 19th Street, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: antimony, arsenic, benzo(a)pyrene, lead.
- Station 37+85 to Station 38+60 (proposed I-74), 65 feet to 165 feet RT (John Deere, PESA Site 1314V3-24, 400 19th Street, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: lead and manganese.
- Station 38+25 to Station 39+35 (proposed I-74), 0 to 110 feet RT and 0 to 50 feet LT (John Deere, PESA Site 1314V3-24, 400 19th Street, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: antimony, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo-(a,h)anthracene, lead, manganese.
- Station 39+35 to Station 40+00 (proposed I-74), 35 feet to 115 feet RT (John Deere, PESA Site 1314V3-24, 400 19th Street, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: antimony, benzo(a)pyrene, lead, manganese.
- Station 5000+75 to Station 5001+70 (5th Avenue), 0 to 115 feet LT (John Deere, PESA Site 1314V3-24, 400 19th Street, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.
- Station 39+35 to Station 40+00 (proposed I-74), 35 feet to 50 feet LT (John Deere, PESA Site 1314V3-24, 400 19th Street, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: lead and manganese.
- Station 429+80 to Station 430+75 (Ramp 6th-D), 0 to 40 feet RT and 0 to 70 feet LT (John Deere, PESA Site 1314V3-24, 400 19th Street, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: arsenic.

- Station 5001+70 to Station 5002+85 (5th Avenue), 0 to 150 feet LT (John Deere, PESA Site 1314V3-24, 400 19th Street, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameter: manganese.
- Station 330+75 to Station 332+85 (Ramp 6th-C), 0 to 35 feet RT and 0 to 40 feet LT (John Deere, PESA Site 1314V3-24, 400 19th Street, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)anthracene, benzo(a)pyrene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, lead.
- Station 332+00 to Station 332+85 (Ramp 6th-C), 40 feet to 95 feet LT (John Deere, PESA Site 1314V3-24, 400 19th Street, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene, lead, manganese.
- Station 332+85 to Station 333+00 (Ramp 6th-C), 50 feet to 85 feet LT (John Deere, PESA Site 1314V3-24, 400 19th Street, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: antimony, benzo(a)pyrene, lead, manganese.
- Station 330+75 to Station 332+85 (Ramp 6th-C), 20 feet to 65 feet LT (John Deere, PESA Site 1314V3-24, 400 19th Street, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: antimony and lead.
- Station 332+85 to Station 333+00 (Ramp 6th-C), 0 to 50 feet LT (John Deere, PESA Site 1314V3-24, 400 19th Street, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: antimony and lead.

Site 1314V3-25 – Sivyer Steel Corporation

- Station 409+90 to Station 410+75 (4th Avenue), 0 to 85 feet RT (Sivyer Steel Corp., PESA Site 1314V3-25, 400 21st Street, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, indeno-(1,2,3-cd)pyrene, lead, manganese.
- Station 410+75 to Station 412+25 (4th Avenue), 0 to 85 feet RT (Sivyer Steel Corp., PESA Site 1314V3-25, 400 21st Street, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: lead and manganese.
- Station 426+15 to Station 426+80 (Ramp 6th-D), 0 to 35 feet RT and 0 to 90 feet LT (Sivyer Steel Corp., PESA Site 1314V3-25, 400 21st Street, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: lead, manganese.
- Station 426+80 to Station 427+65 (Ramp 6th-D), 0 to 35 feet RT and 0 to 20 feet LT (Sivyer Steel Corp., PESA Site 1314V3-25, 400 21st Street, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameter: manganese.
- Station 36+20 to Station 39+35 (proposed I-74),0 to 20 feet RT and 0 to 65 feet LT (Sivyer Steel Corp., PESA Site 1314V3-25, 400 21st Street, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: antimony, benzo(a)pyrene, lead, manganese.

- Station 36+15 to Station 36+40 (proposed I-74), 20 feet to 85 feet RT (Sivyer Steel Corp., PESA Site 1314V3-25, 400 21st Street, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: antimony, arsenic, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo-(a,h)anthracene, indeno(1,2,3-cd)pyrene, lead.
- Station 408+90 to Station 409+90 (4th Avenue), 0 feet to 85 feet RT (Sivyer Steel Corp., PESA Site 1314V3-25, 400 21st Street, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.

#### Site 1314V3-32 – Commercial Buildings

- Station 1904+70 to Station 1905+00 (proposed 19th Street), 40 feet to 90 feet LT (Commercial Buildings, PESA Site 1314V3-32, 1900 5th Avenue, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.
- Station 1905+00 to Station 1905+25 (proposed 19th Street), 45 feet to 95 feet LT (Commercial Buildings, PESA Site 1314V3-32, 1900 5th Avenue, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.
- Station 1905+25 to Station 1905+60 (proposed 19th Street), 0 to 95 feet LT (Commercial Buildings, PESA Site 1314V3-32, 1900 5th Avenue, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.
- Station 1905+00 to Station 1905+25 (proposed 19th Street), 0 to 45 feet LT (Commercial Buildings, PESA Site 1314V3-32, 1900 5th Avenue, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.
- Station 1904+70 to Station 1905+00 (proposed 19th Street), 0 to 40 feet LT (Commercial Buildings, PESA Site 1314V3-32, 1900 5th Avenue, Moline): This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene.
- Station 31+75 to Station 32+65 (19th Street) 0 to 50 feet LT (Commercial Buildings, PESA Site 1314V3-32, 1900 5th Avenue, Moline): This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene and manganese.

Site 1314V3-33 - Parking Lot

- Station 5000+15 to Station 5001+15 (5th Avenue), 0 to 75 feet RT (Parking Lot PESA Site 1314V3-33, 1900 block of 5th Avenue, Moline): This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene and manganese.
- Station 5001+15 to Station 5001+70 (5th Avenue), 0 to 100 feet RT and Station 269+30 to Station 270+25 (existing I-74), 60 feet to 120 RT(Parking Lot PESA Site 1314V3-33, 1900 block of 5th Avenue, Moline): This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene and manganese.

- Station 5000+85 to Station 5001+15 (5th Avenue), 30 feet to 60 feet RT (Parking Lot PESA Site 1314V3-33, 1900 block of 5th Avenue, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, carbazole, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene.
- Station 5000+55 to Station 5001+15 (5th Avenue), 60 feet to 90 feet RT (Parking Lot PESA Site 1314V3-33, 1900 block of 5th Avenue, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene, lead, manganese, VOCs.
- Station 5000+15 to Station 5000+55 (5th Avenue), 30 feet to 60 feet RT (Parking Lot PESA Site 1314V3-33, 1900 block of 5th Avenue, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.
- Station 4999+25 to Station 5000+15 (5th Avenue), 0 to 60 feet RT (Parking Lot PESA Site 1314V3-33, 1900 block of 5th Avenue, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.
- Station 270+25 to Station 271+25 (existing I-74), 65 feet to 145 feet RT (Parking Lot PESA Site 1314V3-33, 1900 block of 5th Avenue, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: lead and manganese.

Site 1314V3-56 – Commercial Building

- Station 303+10 to Station 304+10 (6th Avenue), 0 to 45 feet RT (Commercial Building, PESA Site 1314V3-56, 604-610 19th Street, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.
- Station 34+70 to Station 35+70 (19th Street), 0 to 55 feet LT (Commercial Building, PESA Site 1314V3-56, 604-610 19th Street, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: pH and manganese.
- Station 35+70 to Station 36+55 (19th Street), 0 to 55 feet LT (Commercial Building, PESA Site 1314V3-56, 604-610 19th Street, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.

Site 1314V3-57 – Old Chamber Building

- Station 36+55 to Station 37+50 (19th Street), 0 to 55 feet LT (Old Chamber Building, PESA Site 1314V3-57, 622 19th Street, Moline): This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene.
- Station 209+65 to Station 211+50, (7th Avenue), 0 to 85 feet LT (Old Chamber Building, PESA Site 1314V3-57, 622 19th Street, Moline): This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene, lead and manganese.
- Station 211+50 to Station 212+60 (7th Avenue), 0 to 85 feet LT (Old Chamber Building, PESA Site 1314V3-57, 622 19th Street, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.

Site 1314V3-59 - Residence

• Station 305+00 to Station 306+20 (6th Avenue), 0 to 45 feet RT (Residence, PESA Site 1314V3-59, 1924 6th Avenue, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.

# Site 1314V3-60 – Vacant Lot

- Station 644+95 to Station 645+80 (Ramp 7th-A), 0 to 115 feet RT and 0 to 30 feet LT (Vacant Lot, PESA Site 1314V3-60, 2000 block of 6th Avenue, Moline): This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene and lead.
- Station 216+70 to Station 217+75 (7th Avenue), 0 to 100 feet LT (Vacant Lot, PESA Site 1314V3-60, 2000 block of 6th Avenue, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.
- Station 309+85 to Station 310+70 (6th Avenue), 0 to 150 feet RT (Vacant Lot, PESA Site 1314V3-60, 2000 block of 6th Avenue, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: pH, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo-(a,h)anthracene.

The contractor shall manage any evacuated groundwater within the following areas:

# Site 1314V3-7 – River Stone Moline Yard

Station 214+15 to Station 219+40 (Ramp RD-H), 0 to 55 feet RT, 0 to 85 feet LT (River Stone Moline Yard, PESA Site 1314V3-7, 75 23rd Street and 301 River Drive, Moline): This material meets the criteria of Article 669.09(d) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo-(k)fluoranthene, indeno(1,2,3-cd)pyrene, iron, lead and manganese.

Backfill plugs shall be placed within the following areas:

# Site 1314V3-7 – River Stone Moline Yard

Station 214+15 to Station 219+40 (Ramp RD-H), 0 to 55 feet RT, 0 to 85 feet LT (River Stone Moline Yard, PESA Site 1314V3-7, 75 23rd Street and 301 River Drive, Moline): COC sampling parameters: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, indeno(1,2,3-cd)pyrene, iron, lead and manganese.

During the PSI, an underground storage tank (UST) was determined to be present, or potentially present, at Station 332+00 to Station 333+00 (Ramp 6th-C), 0 to 85 feet LT (John Deere, PESA Site 1314V3-24, 400 19th Street, Moline)

# E-BUILDER

Effective June 16, 2017

#### General.

This specification covers the contractor's mandatory use of an electronic Project Management Information System (PMIS) called e-Builder for the purpose of communication, transparency, accountability, document management, review of documents and shared collaboration. The website <u>www.e-Builder.net</u>, is an internet based software system with controlled access through licensed accounts. The software is designed for contract management between the Department and the Contractor to act in accordance with their respective roles.

#### E-BUILDER LICENSE.

The Department will provide three total licenses to the Contractor; one each for the project manager, assistant project manager and clerical administrator. The Contractor may at their expense purchase additional licenses from e-Builder which the Department will allow access to the contract. The three named parties will be provided to the Department within 3 working days of the signed contract. In the event of personnel changes experienced by the Contractor, the licenses can be re-assigned by the Contractor with approval of the Department. Upon completion of the contract the three licenses will be removed from Contractor. The Department will provide support to the Contractor for the successful migration of the contract data to an electronic storage system of the Contractor's choosing and at the Contractor's expense.

# ACCESS AND SOFTWARE.

Recommended base minimum desktop standard to maintain optimal performance for an operating system is: Windows XP SP3+ or Mac OS X. See more information at: <u>www.e-builder.net/support/optimization</u> for supported internet browsers and required browser plug-ins. The Contractor shall be responsible for possessing the materials and broadband internet connection for accessing the website to fully comply with the specifications.

# E-BUILDER TRAINING AND SUPPORT.

- A. Within 7 working days of the signed contract the first of two mandatory trainings will be scheduled and conducted by the Department for the Contractor. The training will be scheduled for 8 hours and held at the I-74 Expanded Central Section Program Office located at 1443 Brown Street, Bettendorf, Iowa 52722.
- **B.** The training will provide the Contractor with the knowledge and skill set to become familiar with the software, provided supplemental training materials and support contacts. The training is a hands-on environment requiring a computer. The Contractor shall notify the Department if they will require a computer provided for them for the purpose of the training only.

**C.** The second mandatory training will be provided by the Department as a follow-up training for the Contractor for a date and length of time to be determined by the Department. The Department will provide at least 2 weeks notice to the Contractor. The Contractor will have access to the Department's support personnel for assistance in effectively utilizing the software and providing technical support when appropriate. Internet connectivity, connection speed and computer hardware are the responsibility of the Contractor and outside the bounds of Department support. The Contractor will be provided direct contact information for direct e-Builder support if requested and deemed warranted.

# PURPOSE AND USE.

- **A.** The primary purpose of the website is to facilitate electronic communication between the Contractor and Department. The PMIS electronic system allows enhanced reporting capabilities through e-Builder whereby providing transparency, visibility, and collaboration to the Department and the Contractor for more timely and responsive partnering.
- **B.** The e-Builder website will manage Requests for Information (RFIs), submittals, shop drawings and working drawings, required by the contract documents and at the discretion of the Department. This functionality of e-Builder will allow Contractor participants to create and upload all submittals, shop drawings, working drawings, RFIs, for review.
- **C.** Review and approval of all submitted documents will occur in e-Builder with all participants notified of the results of reviews via e-Builder email notifications. Participants shall interface with e-Builder on a regular basis to ensure they are aware of current information. The capabilities of the website will allow participants to track the progress of all submittals and documents under review. All other contract documents, change orders, material certification, payrolls, meeting minutes etc. will be submitted through Doc Express following the requirements of Section 1113 of the Standard Specifications.
- D. Additional functions and exceptions of the website may be made on a case by case basis at the Department's discretion. In the case of an emergency where the timeframe of a review does not allow it to be processed through e-Builder the Contractor will be required to retroactively document the submission and approval process through e-Builder.
- **E.** No confidential information shall be placed on e-Builder. Information residing on the website is the property of the Department. The Contracting Authority reserves the right to revoke access to the website for unauthorized or inappropriate use and dissemination of user passwords.

# SUBMITTALS.

- A. Submittals shall be submitted in Adobe Acrobat PDF format sized to print 11 inches by 17 inches or 8.5 inches by 11 inches. Each party uploading submittals and other shall ensure it is legible. A minimum resolution of 300 dpi is recommended. Shop drawings submittals requiring the Engineer's review stamp shall contain white space sized 3 inches horizontally by 2.5 inches vertically for the stamp and shall be located in the same spot on each page in a given submittal.
- **B.** Submittal schedule and review period shall follow Article 1105.03 of the Standard Specifications along with Special Provisions for Progress Scheduling. Submittals without a defined review period in the Standard Specifications shall be 30 calendar days.

# C.

EVENT TRIGGERS	DURATION	OUTCOME
	Within 3 Working Days	Contractor to provide three names and email addresses for project manager, assistant project manager and clerical administrator.
Signed contract	Within 7 Working Days	Contractor attends Department scheduled mandatory training for 8 hours at the I-74 Program Office.
Date to be determined Second mandatory Department scheduled training	Department provides 2 calendar week notice to the Contractor	Contractor attends Department scheduled mandatory training for a time duration to be determined by the Department.

#### Timeline.

#### Basis of Payment.

Costs for complying with this specification shall be considered included in the contract and no separate payment will be made.