



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

October 29, 2013

SUBJECT: FAP Route 595(IL 5)  
Project NHPP-0595(033)  
Section (142-1)R-1 & 142-1HB  
Rock Island County  
Contract No. 64B84  
Item No. 74, November 8, 2013 Letting  
Addendum A

## NOTICE TO PROSPECTIVE BIDDERS:

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

1. Replaced the Schedule of Prices.
2. Revised page iii of the Table of Contents to the Special Provisions.
3. Revised pages 14-18 of the Special Provisions.
4. Added pages 284-316 to the Special Provisions.
5. Revised sheets 2, 23, & 363B of the Plans.

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

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

Very truly yours,

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

A handwritten signature in black ink, appearing to read 'Ted B. Walschleger P.E.' with a small 'P.E.' to the right.

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

cc: John Fortmann, Region 2, District 2; Tim Kell; D. Carl Puzey; Estimates

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF PRICES  
 CONTRACT  
 NUMBER - 64B84

State Job # - C-92-076-12

County Name - ROCK ISLAND- -

Code - 161 - -

District - 2 - -

Section Number - (142-1)R-1 & 142-1HB

Project Number

NHPP-0595/033/

Route

FAP 595

\* REVISED: OCTOBER 28, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
A2000114	T-ACERX FREM AB 1-3/4	EACH	40.000				
A2005114	T-JUGLANS NIGRA 1-3/4	EACH	20.000				
A2006514	T-QUERCUS BICOL 1-3/4	EACH	30.000				
A2006714	T-QUERCUS MACR 1-3/4	EACH	40.000				
A2007114	T-QUERCUS RUBRA 1-3/4	EACH	40.000				
B2001114	T-CERCIS CAN TF 1-3/4	EACH	50.000				
B2004114	T-MALUS PF TF 1-3/4	EACH	50.000				
B2004814	T-MALUS SAR TF 1-3/4	EACH	50.000				
X0321156	HIGH VIS TEMP FENCE	FOOT	1,155.000				
X0322918	PRO MAN/CB CON OV SS	EACH	1.000				
X0324045	SED CON STAB CON EN R	EACH	3.000				
X0324455	DRILL/SET SOLD P SOIL	CU FT	12,924.000				
X0324456	DRILL/SET SOLD P ROCK	CU FT	3,797.000				
X0324775	SED CON STAB CON EN M	SQ YD	1,000.000				
X0326477	WIRL VEH DT WRN SYS C	EACH	4.000				

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X0840000	SAN SEW REMOV 8	FOOT	148.000				
X2800500	INLET PROTECTION SPL	EACH	72.000				
X4021000	TEMP ACCESS- PRIV ENT	EACH	17.000				
X4022000	TEMP ACCESS- COM ENT	EACH	10.000				
X4400110	TEMP PAVT REMOVAL	SQ YD	1,112.000				
X4401198	HMA SURF REM VAR DP	SQ YD	2,346.000				
X5091725	BICYCLE RAILING SPL	FOOT	90.000				
X5610700	WATER MAIN REMOVAL	FOOT	92.000				
X5630008	CUT & CAP EX 8 WM	EACH	1.000				
X6020182	DRAINAGE STRUCTURE SP	L SUM	1.000				
X6024240	INLETS SPL	EACH	4.000				
X6024242	INLETS SPL N1	EACH	4.000				
X6024250	INLETS SPL N5	EACH	70.000				
X6024252	INLETS SPL N6	EACH	3.000				
X6026050	SANITARY MANHOLE ADJ	EACH	6.000				

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X6026051	SAN MAN RECONST	EACH	2.000				
X6640300	CH LK FENCE REMOV	FOOT	468.000				
X7010216	TRAF CONT & PROT SPL	L SUM	1.000				
X7280105	TELES STL SIN SUP SPL	FOOT	9.000				
X7330064	SIGN SUPPORT SPL	EACH	3.000				
X8140105	HANDHOLE SPL	EACH	2.000				
X8211180	LUM LED HM 180W 98LED	EACH	14.000				
X8380075	BKWY DEV TR BS SP	EACH	10.000				
X8570226	FAC T4 CAB SPL	EACH	4.000				
Z0001110	GAS VALVE ADJUSTED	EACH	2.000				
Z0007118	UNTREATED TIMBER LAG	SQ FT	5,958.000				
Z0007601	BLDG REMOV NO 1	L SUM	1.000				
Z0007602	BLDG REMOV NO 2	L SUM	1.000				
Z0007603	BLDG REMOV NO 3	L SUM	1.000				
Z0007604	BLDG REMOV NO 4	L SUM	1.000				

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Z0007605	BLDG REMOV NO 5	L SUM	1.000				
Z0007606	BLDG REMOV NO 6	L SUM	1.000				
Z0007607	BLDG REMOV NO 7	L SUM	1.000				
Z0007608	BLDG REMOV NO 8	L SUM	1.000				
Z0007609	BLDG REMOV NO 9	L SUM	1.000				
Z0007610	BLDG REMOV NO 10	L SUM	1.000				
Z0007611	BLDG REMOV NO 11	L SUM	1.000				
Z0013796	SED CON STAB CONST EN	SQ YD	1,000.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0018000	DRAINAGE SCUPPERS SPL	EACH	6.000				
Z0018002	DRAINAGE SCUPPR DS-11	EACH	2.000				
Z0018800	DRAINAGE SYSTEM	L SUM	1.000				
Z0025505	PROPERTY MARKER	EACH	20.000				
Z0026402	FUR SOLDIER PILES HP	FOOT	372.000				
Z0026404	FUR SOLDIER PILES WS	FOOT	3,176.000				

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Z0026407	TEMP SHT PILING	SQ FT	439.000				
Z0034210	MECH ST EARTH RET WL	SQ FT	30,815.000				
Z0046306	P UNDR FOR STRUCT 6	FOOT	850.000				
*ADD Z0049908	R&D NON-FR ASB BLD 8	L SUM	1.000				
*ADD Z0049909	R&D NON-FR ASB BLD 9	L SUM	1.000				
Z0054400	ROCK FILL	CU YD	22,819.000				
Z0056608	STORM SEW WM REQ 12	FOOT	1,286.000				
Z0056610	STORM SEW WM REQ 15	FOOT	484.000				
Z0056612	STORM SEW WM REQ 18	FOOT	116.000				
Z0056614	STORM SEW WM REQ 21	FOOT	109.000				
Z0056616	STORM SEW WM REQ 24	FOOT	201.000				
Z0062456	TEMP PAVEMENT	SQ YD	1,112.000				
Z0073002	TEMP SOIL RETEN SYSTM	SQ FT	22,186.000				
Z0073510	TEMP TR SIGNAL TIMING	EACH	2.000				
Z0074100	TERMINATE DEAD END RD	EACH	2.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
Z0076600	TRAINEES	HOUR	2,000.000		0.800		1,600.000
Z0076604	TRAINEES TPG	HOUR	2,000.000		10.000		20,000.000
20100110	TREE REMOV 6-15	UNIT	596.000				
20100210	TREE REMOV OVER 15	UNIT	638.000				
20100500	TREE REMOV ACRES	ACRE	1.400				
20101000	TEMPORARY FENCE	FOOT	345.000				
20200100	EARTH EXCAVATION	CU YD	47,665.000				
20201200	REM & DISP UNS MATL	CU YD	33,551.000				
20400800	FURNISHED EXCAVATION	CU YD	16,127.000				
20800150	TRENCH BACKFILL	CU YD	1,431.000				
21101615	TOPSOIL F & P 4	SQ YD	41,040.000				
25000210	SEEDING CL 2A	ACRE	3.250				
25000400	NITROGEN FERT NUTR	POUND	616.000				
25000500	PHOSPHORUS FERT NUTR	POUND	616.000				
25000600	POTASSIUM FERT NUTR	POUND	616.000				

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25100115	MULCH METHOD 2	ACRE	3.750				
25100125	MULCH METHOD 3	ACRE	0.500				
25100630	EROSION CONTR BLANKET	SQ YD	12,204.000				
25100635	HD EROS CONTR BLANKET	SQ YD	2,941.000				
25200110	SODDING SALT TOLERANT	SQ YD	26,069.000				
25200200	SUPPLE WATERING	UNIT	1,173.000				
28000250	TEMP EROS CONTR SEED	POUND	3,415.000				
28000305	TEMP DITCH CHECKS	FOOT	302.000				
28000400	PERIMETER EROS BAR	FOOT	6,051.000				
28000500	INLET & PIPE PROTECT	EACH	25.000				
28000510	INLET FILTERS	EACH	32.000				
28001100	TEMP EROS CONTR BLANK	SQ YD	22,803.000				
28100105	STONE RIPRAP CL A3	SQ YD	95.000				
28100107	STONE RIPRAP CL A4	SQ YD	36.000				
28200200	FILTER FABRIC	SQ YD	120.000				

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30300112	AGG SUBGRADE IMPR 12	SQ YD	2,731.000				
30300116	AGG SUBGRADE IMPR 16	SQ YD	29,026.000				
30300124	AGG SUBGRADE IMPR 24	SQ YD	2,321.000				
31100500	SUB GRAN MAT A 6	SQ YD	3,271.000				
31100910	SUB GRAN MAT A 12	SQ YD	874.000				
31101400	SUB GRAN MAT B 6	SQ YD	785.000				
35102000	AGG BASE CSE B 8	SQ YD	1,261.000				
35400500	PCC BASE CSE W 10	SQ YD	362.000				
40600200	BIT MATLS PR CT	TON	8.000				
40600300	AGG PR CT	TON	14.000				
40600625	LEV BIND MM N50	TON	705.000				
40600982	HMA SURF REM BUTT JT	SQ YD	221.000				
40600985	PCC SURF REM BUTT JT	SQ YD	895.500				
40603080	HMA BC IL-19.0 N50	TON	294.000				
40603310	HMA SC "C" N50	TON	23.000				

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40603335	HMA SC "D" N50	TON	554.000				
40603415	HMA SC IL-9.5FG N50	TON	74.000				
40800050	INCIDENTAL HMA SURF	TON	461.000				
42000401	PCC PVT 9 JOINTED	SQ YD	31,483.000				
42001420	BR APPR PVT CON (PCC)	SQ YD	606.000				
42100615	PAVT REINFORCEMENT	SQ YD	606.000				
42300300	PCC DRIVEWAY PAVT 7	SQ YD	1,347.000				
42400200	PC CONC SIDEWALK 5	SQ FT	11,374.000				
42400800	DETECTABLE WARNINGS	SQ FT	180.000				
44000100	PAVEMENT REM	SQ YD	15,385.000				
44000153	HMA SURF REM 1	SQ YD	903.000				
44000200	DRIVE PAVEMENT REM	SQ YD	1,006.000				
44000500	COMB CURB GUTTER REM	FOOT	7,387.000				
44000600	SIDEWALK REM	SQ FT	1,041.000				
44003100	MEDIAN REMOVAL	SQ FT	3,735.000				

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44004250	PAVED SHLD REMOVAL	SQ YD	721.000				
44201717	CL D PATCH T2 6	SQ YD	48.000				
44201721	CL D PATCH T3 6	SQ YD	22.000				
44201723	CL D PATCH T4 6	SQ YD	27.000				
44300100	AREA REF CR CON TREAT	SQ YD	2,109.000				
48100300	AGGREGATE SHLDS A 4	SQ YD	416.000				
48100500	AGGREGATE SHLDS A 6	SQ YD	458.000				
48102100	AGG WEDGE SHLD TYPE B	TON	41.000				
48203021	HMA SHOULDERS 6	SQ YD	204.000				
48300400	PCC SHOULDERS 9	SQ YD	36.000				
50105220	PIPE CULVERT REMOV	FOOT	250.000				
50200100	STRUCTURE EXCAVATION	CU YD	205.000				
50300225	CONC STRUCT	CU YD	701.000				
50300255	CONC SUP-STR	CU YD	1,395.100				
50300260	BR DECK GROOVING	SQ YD	809.000				

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50300285	FORM LINER TEX SURF	SQ FT	6,586.000				
50300300	PROTECTIVE COAT	SQ YD	3,519.000				
50500105	F & E STRUCT STEEL	L SUM	1.000				
50500505	STUD SHEAR CONNECTORS	EACH	4,924.000				
50800205	REINF BARS, EPOXY CTD	POUND	314,800.000				
50800515	BAR SPLICERS	EACH	96.000				
50901720	BICYCLE RAILING	FOOT	744.000				
50901735	BR FEN RAIL (SDWALK)	FOOT	183.000				
50901750	PARAPET RAILING	FOOT	946.000				
51201610	FUR STL PILE HP12X63	FOOT	320.000				
51202305	DRIVING PILES	FOOT	320.000				
51500100	NAME PLATES	EACH	4.000				
52000110	PREF JT STRIP SEAL	FOOT	92.000				
52100010	ELAST BEARING ASSY T1	EACH	12.000				
52100520	ANCHOR BOLTS 1	EACH	24.000				

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52100530	ANCHOR BOLTS 1 1/4	EACH	12.000				
542A4009	P CUL CL A 6 24	FOOT	261.000				
542D1057	P CUL CL D 2 12	FOOT	48.000				
542D1060	P CUL CL D 2 15	FOOT	40.000				
542D1069	P CUL CL D 2 24	FOOT	107.000				
542D1909	P CUL CL D 3 24	FOOT	78.000				
542D2755	P CUL CL D 4 30	FOOT	69.000				
542D8200	P CUL CL D 2 EQRS 15	FOOT	145.000				
54213657	PRC FLAR END SEC 12	EACH	4.000				
54261415	CONC ES 542001 15 1:4	EACH	10.000				
54261424	CONC ES 542001 24 1:4	EACH	10.000				
54261427	CONC ES 542001 27 1:4	EACH	1.000				
54261430	CONC ES 542001 30 1:4	EACH	2.000				
54263415	CONC ES 542011 15 1:4	EACH	12.000				
550A0050	STORM SEW CL A 1 12	FOOT	355.000				

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550A0070	STORM SEW CL A 1 15	FOOT	57.000				
550A0120	STORM SEW CL A 1 24	FOOT	555.000				
550A0340	STORM SEW CL A 2 12	FOOT	2,261.000				
550A0360	STORM SEW CL A 2 15	FOOT	671.000				
550A0380	STORM SEW CL A 2 18	FOOT	351.000				
550A0410	STORM SEW CL A 2 24	FOOT	684.000				
550A0420	STORM SEW CL A 2 27	FOOT	32.000				
55100500	STORM SEWER REM 12	FOOT	1,109.000				
56400400	FIRE HYDNITS RELOCATED	EACH	5.000				
56400500	FIRE HYDNITS TO BE REM	EACH	1.000				
58700300	CONCRETE SEALER	SQ FT	2,458.000				
59100100	GEOCOMPOSITE WALL DR	SQ YD	499.000				
60107600	PIPE UNDERDRAINS 4	FOOT	7,923.000				
60204505	CB TA 5 DIA T8G	EACH	1.000				
60218400	MAN TA 4 DIA T1F CL	EACH	9.000				

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60219000	MAN TA 4 DIA T8G	EACH	2.000				
60219510	MAN TA 4 DIA T20F&G	EACH	15.000				
60224446	MAN TA 7 DIA T1F CL	EACH	1.000				
60248700	VV TA 4 DIA T1F CL	EACH	1.000				
60255500	MAN ADJUST	EACH	2.000				
60265700	VV ADJUST	EACH	1.000				
60266100	VV RECONST	EACH	1.000				
60266600	VALVE BOX ADJ	EACH	6.000				
60500040	REMOV MANHOLES	EACH	8.000				
60500060	REMOV INLETS	EACH	14.000				
60600095	CLASS SI CONC OUTLET	CU YD	8.700				
60602500	CONC GUTTER TA	FOOT	850.000				
60603500	COMB CC&G TB6.06	FOOT	184.000				
60603800	COMB CC&G TB6.12	FOOT	30.000				
60604400	COMB CC&G TB6.18	FOOT	180.000				

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60605000	COMB CC&G TB6.24	FOOT	11,004.000				
60900515	CONC THRUST BLOCKS	EACH	6.000				
63000001	SPBGR TY A 6FT POSTS	FOOT	175.000				
63100045	TRAF BAR TERM T2	EACH	1.000				
63100167	TR BAR TRM T1 SPL TAN	EACH	1.000				
63500105	DELINEATORS	EACH	6.000				
64300320	IMP ATTEN FRD RES TL3	EACH	2.000				
64301090	ATTENUATOR BASE	SQ YD	32.000				
66400305	CH LK FENCE 6	FOOT	583.000				
66700305	PERM SURV MKRS T2	EACH	1.000				
66900200	NON SPL WASTE DISPOSL	CU YD	2,000.000				
66900450	SPL WASTE PLNS/REPORT	L SUM	1.000				
66900530	SOIL DISPOSAL ANALY	EACH	3.000				
67000400	ENGR FIELD OFFICE A	CAL MO	20.000				
67100100	MOBILIZATION	L SUM	1.000				

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67201000	SEAL ABAN WATER WELLS	EACH	1.000				
67201100	SEAL ABAN MONIT WELLS	EACH	7.000				
70100200	TRAF CONT-PROT 701331	EACH	2.000				
70100320	TRAF CONT-PROT 701422	L SUM	1.000				
70100420	TRAF CONT-PROT 701411	EACH	1.000				
70100500	TRAF CONT-PROT 701326	L SUM	1.000				
70102620	TR CONT & PROT 701501	L SUM	1.000				
70102630	TR CONT & PROT 701601	L SUM	1.000				
70102635	TR CONT & PROT 701701	L SUM	1.000				
70102640	TR CONT & PROT 701801	L SUM	1.000				
70103815	TR CONT SURVEILLANCE	CAL DA	60.000				
70106800	CHANGEABLE MESSAGE SN	CAL MO	37.000				
70200100	NIGHT WORK ZONE LIGHT	L SUM	1.000				
70300100	SHORT TERM PAVT MKING	FOOT	1,280.000				
70300210	TEMP PVT MK LTR & SYM	SQ FT	250.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF PRICES  
 CONTRACT  
 NUMBER -

64B84

State Job # - C-92-076-12

County Name - ROCK ISLAND- -

Code - 161 - -

District - 2 - -

Section Number - (142-1)R-1 & 142-1HB

Project Number

NHPP-0595/033/

Route

FAP 595

\* REVISED: OCTOBER 28, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
70300220	TEMP PVT MK LINE 4	FOOT	40,369.000				
70300250	TEMP PVT MK LINE 8	FOOT	145.000				
70300260	TEMP PVT MK LINE 12	FOOT	716.000				
70300280	TEMP PVT MK LINE 24	FOOT	277.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	8,879.000				
70400100	TEMP CONC BARRIER	FOOT	1,587.500				
70400200	REL TEMP CONC BARRIER	FOOT	4,000.000				
70600250	IMP ATTN TEMP NRD TL3	EACH	2.000				
70600251	IMP ATTN TEMP NRN TL3	EACH	10.000				
70600352	IMP ATTN REL NRN TL3	EACH	8.000				
72000100	SIGN PANEL T1	SQ FT	502.000				
72000200	SIGN PANEL T2	SQ FT	210.000				
72000300	SIGN PANEL T3	SQ FT	336.000				
72400100	REMOV SIN PAN ASSY TA	EACH	13.000				
72400200	REMOV SIN PAN ASSY TB	EACH	7.000				

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 CONTRACT  
 NUMBER - 64B84

State Job # - C-92-076-12

County Name - ROCK ISLAND- -

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District - 2 - -

Section Number - (142-1)R-1 & 142-1HB

Project Number

NHPP-0595/033/

Route

FAP 595

\* REVISED: OCTOBER 28, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
72400500	RELOC SIN PAN ASSY TA	EACH	2.000				
72500100	OBJECT MARKER T1	EACH	8.000				
72800100	TELES STL SIN SUPPORT	FOOT	749.000				
73000100	WOOD SIN SUPPORT	FOOT	229.000				
73700200	REM CONC FDN-GR MT	EACH	6.000				
78009000	MOD URETH PM LTR-SYM	SQ FT	1,482.000				
78009004	MOD URETH PM LINE 4	FOOT	24,240.000				
78009006	MOD URETH PM LINE 6	FOOT	1,757.000				
78009008	MOD URETH PM LINE 8	FOOT	4,880.000				
78009012	MOD URETH PM LINE 12	FOOT	2,681.000				
78009024	MOD URETH PM LINE 24	FOOT	660.000				
78100100	RAISED REFL PAVT MKR	EACH	316.000				
78200410	GUARDRAIL MKR TYPE A	EACH	4.000				
78200520	BAR WALL MKR TYPE B	EACH	66.000				
78201000	TERMINAL MARKER - DA	EACH	1.000				

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District - 2 - -

Section Number - (142-1)R-1 & 142-1HB

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\* REVISED: OCTOBER 28, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
78300100	PAVT MARKING REMOVAL	SQ FT	1,788.000				
78300200	RAISED REF PVT MK REM	EACH	22.000				
80500020	SERV INSTALL POLE MT	EACH	4.000				
81028740	UNDRGRD C CNC 1 1/2	FOOT	7.000				
81028750	UNDRGRD C CNC 2	FOOT	2,163.000				
81028760	UNDRGRD C CNC 2 1/2	FOOT	78.000				
81028770	UNDRGRD C CNC 3	FOOT	603.000				
81028790	UNDRGRD C CNC 4	FOOT	752.000				
81200230	CON EMB STR 2 PVC	FOOT	3,429.000				
81301200	JUN BX SS ES 12X10X6	EACH	9.000				
81400730	HANDHOLE C CONC	EACH	24.000				
81400740	DBL HANDHOLE C CONC	EACH	5.000				
81702110	EC C XLP USE 1C 10	FOOT	3,187.000				
81702130	EC C XLP USE 1C 6	FOOT	326.000				
84200804	REM POLE FDN	EACH	6.000				

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\* REVISED: OCTOBER 28, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
85900100	TRANSCEIVER	EACH	4.000				
87301215	ELCBL C SIGNAL 14 2C	FOOT	3,213.000				
87301225	ELCBL C SIGNAL 14 3C	FOOT	3,341.000				
87301245	ELCBL C SIGNAL 14 5C	FOOT	3,728.000				
87301255	ELCBL C SIGNAL 14 7C	FOOT	6,599.000				
87301705	ELCBL C COMM 18 3PR	FOOT	3,541.000				
87301805	ELCBL C SERV 6 2C	FOOT	254.000				
87301900	ELCBL C EGRDC 6 1C	FOOT	1,919.000				
87502500	TS POST GALVS 16	EACH	8.000				
87702850	STL COMB MAA&P 24	EACH	2.000				
87702900	STL COMB MAA&P 34	EACH	2.000				
87702910	STL COMB MAA&P 36	EACH	1.000				
87702920	STL COMB MAA&P 38	EACH	1.000				
87702940	STL COMB MAA&P 42	EACH	1.000				
87702960	STL COMB MAA&P 46	EACH	1.000				

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\* REVISED: OCTOBER 28, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
87702980	STL COMB MAA&P 50	EACH	1.000				
87702985	STL COMB MAA&P 52	EACH	1.000				
87703010	STL COMB MAA&P 56	EACH	1.000				
87703030	STL COMB MAA&P 60	EACH	2.000				
87703040	STL COMB MAA&P 62	EACH	1.000				
87800100	CONC FDN TY A	FOOT	32.000				
87800200	CONC FDN TY D	FOOT	14.000				
87800400	CONC FDN TY E 30D	FOOT	20.000				
87800415	CONC FDN TY E 36D	FOOT	87.000				
87800420	CONC FDN TY E 42D	FOOT	105.000				
88040070	SH P LED 1F 3S BM	EACH	5.000				
88040090	SH P LED 1F 3S MAM	EACH	14.000				
88040150	SH P LED 1F 5S BM	EACH	4.000				
88040160	SH P LED 1F 5S MAM	EACH	18.000				
88040230	SH P LED 2F 3S BM	EACH	1.000				

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 SCHEDULE OF PRICES  
 CONTRACT  
 NUMBER -

64B84

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County Name - ROCK ISLAND- -

Code - 161 - -

District - 2 - -

Section Number - (142-1)R-1 & 142-1HB

Project Number

NHPP-0595/033/

Route

FAP 595

\* REVISED: OCTOBER 28, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
88040290	SH P LED 2F 5S BM	EACH	7.000				
88102825	PED SH P LED 1F BM CT	EACH	4.000				
88102845	PED SH P LED 2F BM CT	EACH	8.000				
88200410	TS BACKPLATE L F PLAS	EACH	32.000				
88800100	PED PUSH-BUTTON	EACH	22.000				
89000100	TEMP TR SIG INSTALL	EACH	2.000				
89502385	REMOV EX CONC FDN	EACH	5.000				
89502800	DISP OF SALV TS EQUIP	L SUM	1.000				

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## REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES

Rev: January 11, 2013

Revise Article 669.01 of the Standard Specifications to read:

**“669.01 Description.** This work shall consist of the transportation and proper disposal of contaminated soil and water. This work shall also consist of the removal, transportation, and proper disposal of underground storage tanks (UST), their content and associated underground piping to the point where the piping is above the ground, including determining the content types and estimated quantities.”

Revise Article 669.08 of the Standard Specifications to read:

**“669.08 Contaminated Soil and/or Groundwater Monitoring.** The Contractor shall hire a qualified environmental firm to monitor the area containing the regulated substances. The affected area shall be monitored with a photoionization detector (PID) utilizing a lamp of 10.6eV or greater or a flame ionization detector (FID). Any field screen reading on the PID or FID in excess of background levels indicates the potential presence of contaminated material requiring handling as a non-special waste, special waste, or hazardous waste. No excavated soils can be taken to a clean construction and demolition debris (CCDD) facility or an uncontaminated soil fill operation with detectable PID or FID meter readings that are above background. The PID or FID meter shall be calibrated on-site and background level readings taken and recorded daily. All testing shall be done by a qualified engineer/technician. Such testing and monitoring shall be included in the work. The Contractor shall identify the exact limits of removal of non-special waste, special waste, or hazardous waste. All limits shall be approved by the Engineer prior to excavation. The Contractor shall take all necessary precautions.

Based upon the land use history of the subject property and/or PID or FID readings indicating contamination, a soil or groundwater sample shall be taken from the same location and submitted to an approved laboratory. Soil or groundwater samples shall be analyzed for the contaminants of concern, including pH, based on the property's land use history or the parameters listed in the maximum allowable concentration (MAC) for chemical constituents in uncontaminated soil established pursuant to Subpart F of 35 Illinois Administrative Code 1100.605. The analytical results shall serve to document the level of soil contamination. Soil and groundwater samples may be required at the discretion of the Engineer to verify the level of soil and groundwater contamination.

Samples shall be grab samples (not combined with other locations). The samples shall be taken with decontaminated or disposable instruments. The samples shall be placed in sealed containers and transported in an insulated container to the laboratory. The container shall maintain a temperature of 39 °F (4 °C). All samples shall be clearly labeled. The labels shall indicate the sample number, date sampled, location and elevation, and any other observations.

Revised 10/29/13

The laboratory shall use analytical methods which are able to meet the lowest appropriate practical quantitation limits (PQL) or estimated quantitation limit (EQL) specified in "Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods", EPA Publication No. SW-846 and "Methods for the Determination of Organic Compounds in Drinking Water", EPA, EMSL, EPA-600/4-88/039. For parameters where the specified cleanup objective is below the acceptable detection limit (ADL), the ADL shall serve as the cleanup objective. For other parameters the ADL shall be equal to or below the specified cleanup objective."

Replace the first two paragraphs of Article 669.09 of the Standard Specifications with the following:

**"669.09 Contaminated Soil and/or Groundwater Management and Disposal.** The management and disposal of contaminated soil and/or groundwater shall be according to the following:

- (a) Soil Analytical Results Exceed Most Stringent MAC. When the soil analytical results indicate that detected levels exceed the most stringent maximum allowable concentration (MAC) for chemical constituents in uncontaminated soil established pursuant to Subpart F of 35 Illinois Administrative Code 1100.605, the soil shall be managed as follows:
  - (1) When analytical results indicate inorganic chemical constituents exceed the most stringent MAC but they are still considered within area background levels by the Engineer, the excavated soil can be utilized within the construction limits as fill, when suitable. Such soil excavated for storm sewers can be placed back into the excavated trench as backfill, when suitable, unless trench backfill is specified. If the soils cannot be utilized within the construction limits, they shall be managed and disposed of off-site as a non-special waste, special waste, or hazardous waste as applicable.
  - (2) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for a Metropolitan Statistical Area (MSA) County, the excavated soil can be utilized within the construction limits as fill, when suitable, or managed and disposed of off-site as "uncontaminated soil" at a CCDD facility or an uncontaminated soil fill operation within an MSA County provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.
  - (3) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for an MSA County excluding Chicago, or the MAC within the Chicago corporate limits, the excavated soil can be utilized within the construction limits as fill, when suitable, or managed and disposed of off-site as "uncontaminated soil" at a CCDD facility or an uncontaminated soil fill operation within an MSA County excluding Chicago or within the Chicago corporate limits provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.
  - (4) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for an MSA County excluding Chicago, the excavated soil can be utilized within the construction limits as fill, when suitable, or managed and disposed of off-site as "uncontaminated soil" at a CCDD facility or an uncontaminated soil fill operation within an MSA County excluding Chicago provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.

Revised 10/29/13

- (5) When the Engineer determines soil cannot be managed according to Articles 669.09(a)(1) through (a)(4) above, the soil shall be managed and disposed of off-site as a non-special waste, special waste, or hazardous waste as applicable.
- (b) Soil Analytical Results Do Not Exceed Most Stringent MAC. When the soil analytical results indicate that detected levels do not exceed the most stringent MAC but the pH of the soil is less than 6.25 or greater than 9.0, the excavated soil can be utilized within the construction limits or managed and disposed of off-site as “uncontaminated soil” according to Article 202.03. However the excavated soil cannot be taken to a CCDD facility or an uncontaminated soil fill operation.
- (c) Groundwater. When groundwater analytical results indicate the detected levels are above Appendix B, Table E of 35 Illinois Administrative Code 742, the most stringent Tier 1 Groundwater Remediation Objectives for Groundwater Component of the Groundwater Ingestion Route for Class 1 groundwater, the groundwater shall be managed off-site as a special waste.

All groundwater encountered within lateral trenches may be managed within the trench and allowed to infiltrate back into the ground. If the groundwater cannot be managed within the trench it must be removed as a special or hazardous waste. The Contractor is prohibited from managing groundwater within the trench by discharging it through any existing or new storm sewer. The Contractor shall install backfill plugs within the area of groundwater contamination.

One backfill plug shall be placed down gradient to the area of groundwater contamination. Backfill plugs shall be installed at intervals not to exceed 50 ft (15 m). Backfill plugs are to be 4 ft (1.2 m) long, measured parallel to the trench, full trench width and depth. Backfill plugs shall not have any fine aggregate bedding or backfill, but shall be entirely cohesive soil or any class of concrete. The Contractor shall provide test data that the material has a permeability of less than  $10^{-7}$  cm/sec according to ASTM D 5084, Method A or per another test method approved by the Engineer.”

Revise Article 669.14 of the Standard Specifications to read:

**“669.14 Final Environmental Construction Report.** At the end of the project, the Contractor will prepare and submit three copies of the Environmental Construction Report on the activities conducted during the life of the project, one copy shall be submitted to the Resident Engineer, one copy shall be submitted to the District’s Environmental Studies Unit, and one copy shall be submitted with an electronic copy in Adode.pdf format to the Geologic and Waste Assessment Unit, Bureau of Design and Environment, IDOT, 2300 South Dirksen Parkway, Springfield, Illinois 62764. The technical report shall include all pertinent information regarding the project including, but not limited to:

- (a) Measures taken to identify, monitor, handle, and dispose of soil or groundwater containing regulated substances, to prevent further migration of regulated substances, and to protect workers.
- (b) Cost of identifying, monitoring, handling, and disposing of soil or groundwater containing regulated substances, the cost of preventing further migration of regulated substances, and the cost for worker protection from the regulated substances. All cost should be in the format of the contract pay items listed in the contract plans (identified by the preliminary environmental site investigation (PESA) site number).

Revised 10/29/13

- (c) Plan sheets showing the areas containing the regulated substances.
- (d) Field sampling and testing results used to identify the nature and extent of the regulated substances.
- (e) Waste manifests (identified by the preliminary environmental site investigation (PESA) site number) for special or hazardous waste disposal.
- (f) Landfill tickets (identified by the preliminary environmental site investigation (PESA) site number) for non-special waste disposal.”

Revise the second paragraph of Article 669.16 of the Standard Specifications to read:

“The transportation and disposal of soil and other materials from an excavation determined to be contaminated will be paid for at the contract unit price per cubic yard (cubic meter) for NON-SPECIAL WASTE DISPOSAL, SPECIAL WASTE DISPOSAL, or HAZARDOUS WASTE DISPOSAL.”

Qualifications. 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.

General. 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. This work shall include monitoring and potential sampling, analytical testing, and management of a material contaminated by regulated substances. 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:

- Station 1110+50 to Station 1116+60 0 to 100 feet RT (Rock Cut State Park, PESA Site 497V-55, 5600-7300 blocks of West Lane Road). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: PNAs and Lead.
- Station 1077+60 to Station 1079+00 0 to 100 feet LT (Vacant Land, PESA Site 497V-52, 5600 block of West Lane Road). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Manganese.

Revised 10/29/13

- Station 1076+75 to Station 1082+45 0 to 100 feet RT (Rock Cut State Park, PESA Site 497V-55, 5600-7300 blocks of West Lane Road). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Manganese.
- Station 1036+00 to Station 1036+80 0 to 160 feet RT (Commercial Building, PESA Site 497V-38, 1523-1555 West Lane Road). This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance to Article 669.09.
- Station 1037+50 to Station 1040+30 0 to 80 feet RT (Landfill, PESA Site 497V-40, 4996 Contractors Drive). This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance to Article 669.09.
- Station 1042+80 to Station 1044+70 0 to 80 feet RT (Landfill, PESA Site 497V-40, 4996 Contractors Drive). This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance to Article 669.09.
- Station 390+60 to Station 392+40 0 to 80 feet LT (Rockford Speedway, PESA Site 497V-49, 9572 Forest Hills Road). This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance to Article 669.09.

## **CRITICAL PATH SCHEDULE**

Effective: February 10, 1995

The construction of this project will be planned and recorded with a conventional Critical Path Method (CPM) as specified in Article 108.02 of the Standard Specifications and the following:

The Contractor is responsible for preparing the initial schedule in the form of an activity on arrow diagram which shall include activity description and duration, two copies shall be submitted to the Engineer at the preconstruction meeting. The construction time, as determined by the schedule shall not exceed the specified contract time. The schedule shall be updated the first of each month, when there is a delay in completion of any critical activity, or when the contract is modified causing additions, deletion or revision of activities required.

As determined by CPM analysis, only delays in activities which affect milestone dates or contract completion dates will be considered for a time extension.

If the Contractor does seek a time extension of any milestone or contract completion date, he/she shall furnish documentation as required by the Engineer to enable him to determine whether a time extension is appropriate under the terms of the contract.

Revised 10/29/13

**GRANULAR MATERIAL**

Effective: May 1, 1995

Revised: May 14, 2012

This work shall consist of placing Breaker-Run Crushed Stone in the excavations, the Breaker-Run Rock layer shall be constructed of top size 6 inch, with 70% to 90% by weight, passing through the 4 inch sieve and 15% to 40% by weight, passing through the 2 inch sieve. The Breaker-Run Rock shall be reasonably uniformly graded from coarse to fine.

This work shall be included in the cost of BUILDING REMOVAL.

Added 10/29/13

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

Effective: September 1, 1990

Revised: April 1, 2010

**BUILDING REMOVAL:** This work shall consist of the removal and disposal of 2 buildings, together with all foundations, retaining walls, and piers, down to a plane 1 ft (300 mm) below the ultimate or existing grade in the area and also all incidental and collateral work necessary to complete the removal of the building(s) in a manner approved by the Engineer. Any holes, such as basements, shall be filled with a suitable granular material. The building(s) are identified as follows:

<u>Bldg. No.</u>	<u>Parcel No.</u>	<u>Location</u>	<u>Description</u>
10	2141069	3737 38 <sup>th</sup> Street	Shed/Garage
11	2141070	3757 38 <sup>th</sup> Street	Shed/Garage

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

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

PROPERTY ACQUIRED FOR  
HIGHWAY CONSTRUCTION  
TO BE DEMOLISHED BY THE

VANDALS WILL BE PROSECUTED

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

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

**Notifications:** The "Demolition/Renovation Notice" form, which can be obtained from the IEPA office, shall be completed and submitted to the address listed below at least ten days prior to commencement of any demolition activity.

Added 10/29/13

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

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

Submittals:

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

Added 10/29/13

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

Effective: September 1, 1990

Revised: April 1, 2010

**BUILDING REMOVAL:** This work shall consist of the removal and disposal of 2 buildings, together with all foundations, retaining walls, and piers, down to a plane 1 ft. (300 mm) below the ultimate or existing grade in the area and also all incidental and collateral work necessary to complete the removal of the building(s) in a manner approved by the Engineer. Any holes, such as basements, shall be filled with a suitable granular material. The building(s) are identified as follows:

<u>Bldg. No.</u>	<u>Parcel No.</u>	<u>Location</u>	<u>Description</u>
Building Removal No. 8	2141069	3737 38 <sup>th</sup> Street	Single Family Residence
Building Removal No. 9	2141070	3757 38 <sup>th</sup> Street	Single Family Residence

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

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

PROPERTY ACQUIRED FOR  
HIGHWAY CONSTRUCTION  
TO BE DEMOLISHED BY THE

VANDALS WILL BE PROSECUTED

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

The Contractor has the option of removing the non-friable asbestos prior to demolition or demolishing the building(s) with the non-friable asbestos in place. Refer to the Special Provisions titled "Asbestos Abatement (General Conditions)" and "Removal and Disposal of Non-Friable Asbestos Building No. 8, and Removal and Disposal of Non-Friable Asbestos Building No. 9" contained herein.

Added 10/29/13

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

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

1. a) BUILDING REMOVAL NO. 8  
b) BUILDING REMOVAL NO. 9
2. a) REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 8  
b) REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 9

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

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

ASBESTOS ABATEMENT (GENERAL CONDITIONS): This work consists of the removal and disposal of non-friable asbestos from the building(s) to be demolished. All work shall be done according to the requirements of the U.S. Environmental Protection Agency (USEPA), the Illinois Environmental Protection Agency (IEPA), the Occupational Safety and Health Administration (OSHA), the Special Provision for "Removal and Disposal of Non-Friable Asbestos, Building No. 8, and Removal and Disposal of Non-Friable Asbestos, Building No. 9", and as outlined herein.

Sketches indicating the location of Asbestos Containing Material (ACM) are included in the proposal on pages 299-303 and 310-313. Also refer to the Materials Description Table on pages 294 and 305 for a brief description and location of the various materials. Also included is a Materials Quantities Table on pages 294 and 305. This table states the ACM is non-friable and gives the approximate quantity. The quantities are given only for information and it shall be the Contractor's responsibility to determine the exact quantities prior to submitting his/her bid.

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

The Contractor shall provide a shipping manifest, similar to the one shown on page 314, to the Engineer for the disposal of all ACM wastes.

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

Added 10/29/13

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

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

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

Submittals:

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

Added 10/29/13

7. Submit a detailed plan of the procedures proposed for use in complying with the requirements of this specification. Include in the plan the location and layout of decontamination units, the sequencing of work, the respiratory protection plan to be used during this work, a site safety plan, a disposal plan including the location of an approved disposal site, and a detailed description of the methods to be used to control pollution. The plan shall be submitted to the Engineer prior to the start of work.
  8. Submit proof of written notification and compliance with the "Notifications" paragraph.
- C. Submittals that shall be made upon completion of abatement work:
1. Submit copies of all waste chain-of-custodies, trip tickets, and disposal receipts for all asbestos waste materials removed from the work area;
  2. Submit daily copies of work site entry logbooks with information on worker and visitor access;
  3. Submit logs documenting filter changes on respirators, HEPA vacuums, negative pressure ventilation units, and other engineering controls; and
  4. Submit results of any bulk material analysis and air sampling data collected during the course of the abatement including results of any on-site testing by any federal, state, or local agency.

Certificate of Insurance:

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

Asbestos Abatement Experience:

- A. Company Experience. Prior to starting work, the Contractor shall supply evidence that he/she has been prequalified with the Illinois Capital Development Board and that he/she has been included on the Illinois Department of Public Health's list of approved Contractors.
- B. Personnel Experience:
  1. For Superintendent, the Contractor shall supply:

Added 10/29/13

- a. Evidence of knowledge of applicable regulations in safety and environmental protection is required as well as training in asbestos abatement as evidenced by the successful completion of a training course in supervision of asbestos abatement as specified in 40 CFR 763, Subpart E, Appendix C, EPA Model Contractor Accreditation Plan. A copy of the certificate of successful completion shall be provided to the Engineer prior to the start of work.
  - b. Documentation of experience with abatement work in a supervisory position as evidenced through supervising at least two asbestos abatement projects; provide names, contact, phone number, and locations of two projects in which the individual(s) has worked in a supervisory capacity.
2. For workers involved in the removal of asbestos, the Contractor shall provide training as evidenced by the participation and successful completion of an accredited training course for asbestos abatement workers as specified in 40 CFR 763, Subpart E, Appendix C, EPA Model Contractor Accreditation Plan. A copy of the certificate of successful completion shall be provided to all employees who will be working on this project.

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

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

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

D. Air Monitoring Professional

1. All air sampling shall be conducted by a qualified Air Sampling Professional supplied by the Contractor. The Air Sampling Professional shall submit documentation of successful completion of the National Institute for Occupational Safety and Health (NIOSH) course #582 - "Sampling and Evaluating Airborne Asbestos Dust".

Added 10/29/13

2. Air sampling shall be conducted according to NIOSH Method 7400. The results of these tests shall be provided to the Engineer within 24 hours of the collection of air samples.

REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 8, and REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 9: The Contractor has the option of removing and disposing of the non-friable asbestos prior to demolition of the building(s) or demolishing the building(s) with the non-friable asbestos in place.

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

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

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

This work will be paid for at the contract unit price per lump sum for REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 8, and REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 9, as shown.

The cost for this work shall be determined as follows:

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

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

The cost of removing and disposing of the building(s), assuming all non-friable asbestos is removed first, shall be represented by the pay item "BUILDING REMOVAL NO. 8 or BUILDING REMOVAL NO. 9".

Regardless of the option chosen by the Contractor, this pay item will not be deleted, nor will the pay item BUILDING REMOVAL NO. 8 or BUILDING REMOVAL NO. 9 be deleted.

Added 10/29/13

**SECTION 1**  
**1.1 Survey Summary Sheet**

**SITE INFORMATION:**

FAP Route:	595	Address:	3737 38 <sup>th</sup> Street
County:	Rock Island	Address:	
IDOT Job No:	R-92-014-10	City, State Zip	Moline, Illinois 61265
Section:	(142-1, 142)W & RS	Property Type:	Single Family Residence
Parcel No:	2141069	Construction Date:	1965
IDOT Work Order No:	482	Building Size (sqft):	1,912 SF

<b>Asbestos Containing Materials</b>	
Survey Date	October 10, 2013
By Whom:	PSI, Inc. Ciaran McGowan 100-16958
Firm	
Inspector	
IDPH License No.	
<b>Results</b>	
Number of Material Types Sampled:	15
Number of Samples Collected:	47
Number of Materials Testing Positive:	1
Was Friable ACM Found?	No
Were Roofing Materials Sampled?	Yes
Are There Unique State or Local Requirements?	Yes
<b>Laboratory Utilized:</b>	
Name:	PSI, Inc.
Address:	850 Poplar Street Pittsburgh, PA 15220
<b>Building Access Limitations:</b>	
None	

**SECTION 1**  
 1.2 Survey Summary & Results

**ACM SURVEY RESULTS - Parcel No. 2141069**  
**Single Family Residence**  
**3737 38<sup>th</sup> Street**  
**Moline, Illinois 61265**

The following homogeneous building material types were sampled as part of this survey and their results are summarized in the table below:

MTL #	MATERIAL DESCRIPTION	LOCATION	F/NF <sup>1</sup>	COND. <sup>2</sup>	% ACM <sup>3</sup>	# SAMPLES	QUANTITY (ENG/MET)
01	White window caulk	Exterior windows	NF	Good	2%	3	350 lf 106.7 lm
02	Green vinyl sheet flooring	Bathroom floor	NF	Good	ND	3	80 sf 5.6 sm
03	Belge vinyl flooring/mastic	Kitchen floor	NF	Good	ND	3	200 sf 18.6 sm
04	Glued on ceiling tiles	Kitchen ceiling	F	Good	ND	3	200 sf 18.6 sm
05	12" x 12" white lay-in ceiling tile	Kitchen ceiling	F	Good	ND	3	200 sf 18.6 sm
06	Felt paper backing	Exterior, below siding	NF	Good	ND	3	1,500 sf 139.4 sm
07	Green asphalt-shingles	Roof, bottom layer	NF	Fair	ND	3	1,000 sf 55.7 sm
08	White asphalt-shingles	Roof, top layer	NF	Good	ND	3	1,000 sf 55.7 sm
09	Joint compound	Center walls	NF	Good	ND	3	250 sf 23.2 sm
10	Drywall	Center walls	NF	Good	ND	3	250 sf 23.2 sm
11	Plaster	interior walls	NF	Good	ND/ND	5	1,800 sf 167.2 sm
12	Red asphalt-shingles	Storage shed # 1	NF	Good	ND	3	100 sf 9.3 sm
13	Red asphalt-shingles	Storage shed # 2	NF	Good	ND	3	150 sf 13.9 sm
14	White asphalt-shingles	Storage shed # 3	NF	Good	ND	3	150 sf 13.9 sm
15	Black felt paper	Storage shed # 3	NF	Good	ND	3	150 sf 13.9 sm
<b>TOTAL QUANTITY OF ACM</b>							<b>350 LF</b>
<b>ESTIMATED ABATEMENT COST</b>							<b>\$2,225.00</b>

<sup>1</sup> F = Friable; NF = Nonfriable      Friability is further defined in section 4.  
<sup>2</sup> Cond. = Condition Of Materials      Either good, fair or poor.  
<sup>3</sup> ND = None Detected  
 \* Point Count Analysis



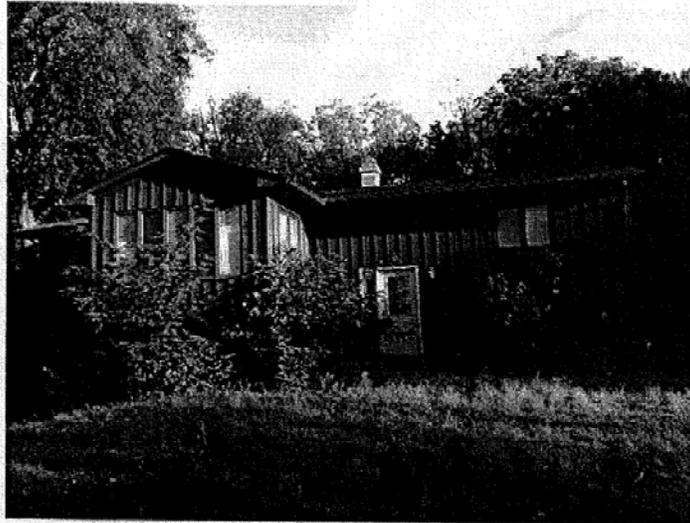
North Face



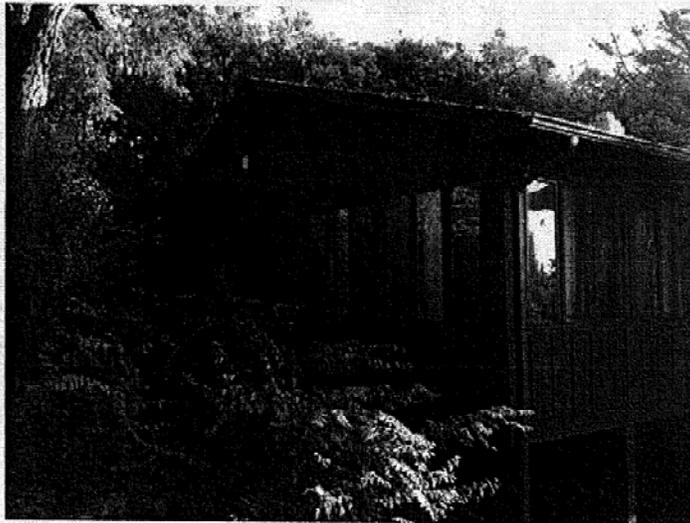
South Face

3737 38 <sup>th</sup> Avenue	Parcel No.	2141069
Rock Island, County	Work Order No.	482
Moline, Illinois	PSI Project No.	0047162

Added 10/29/13



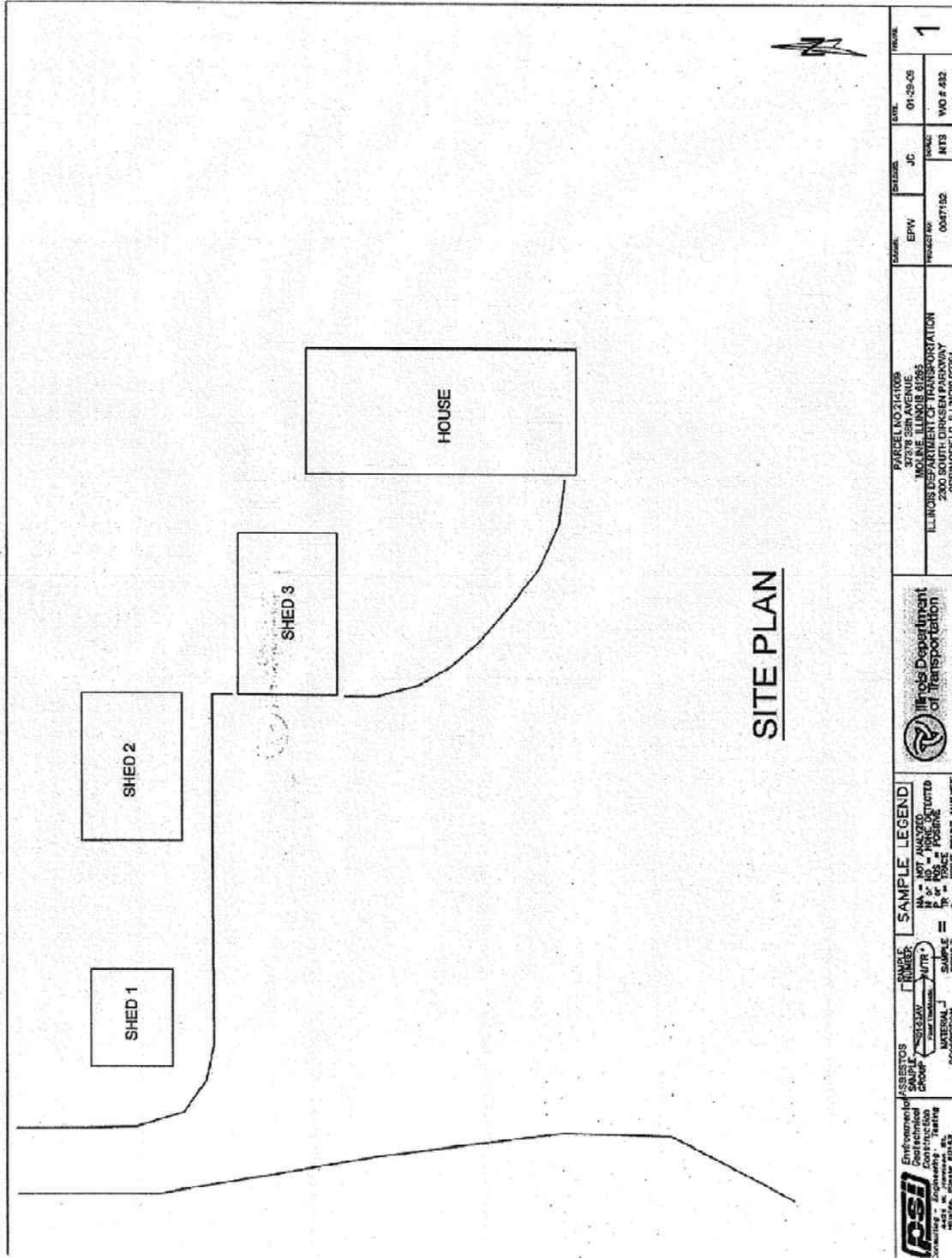
East Face



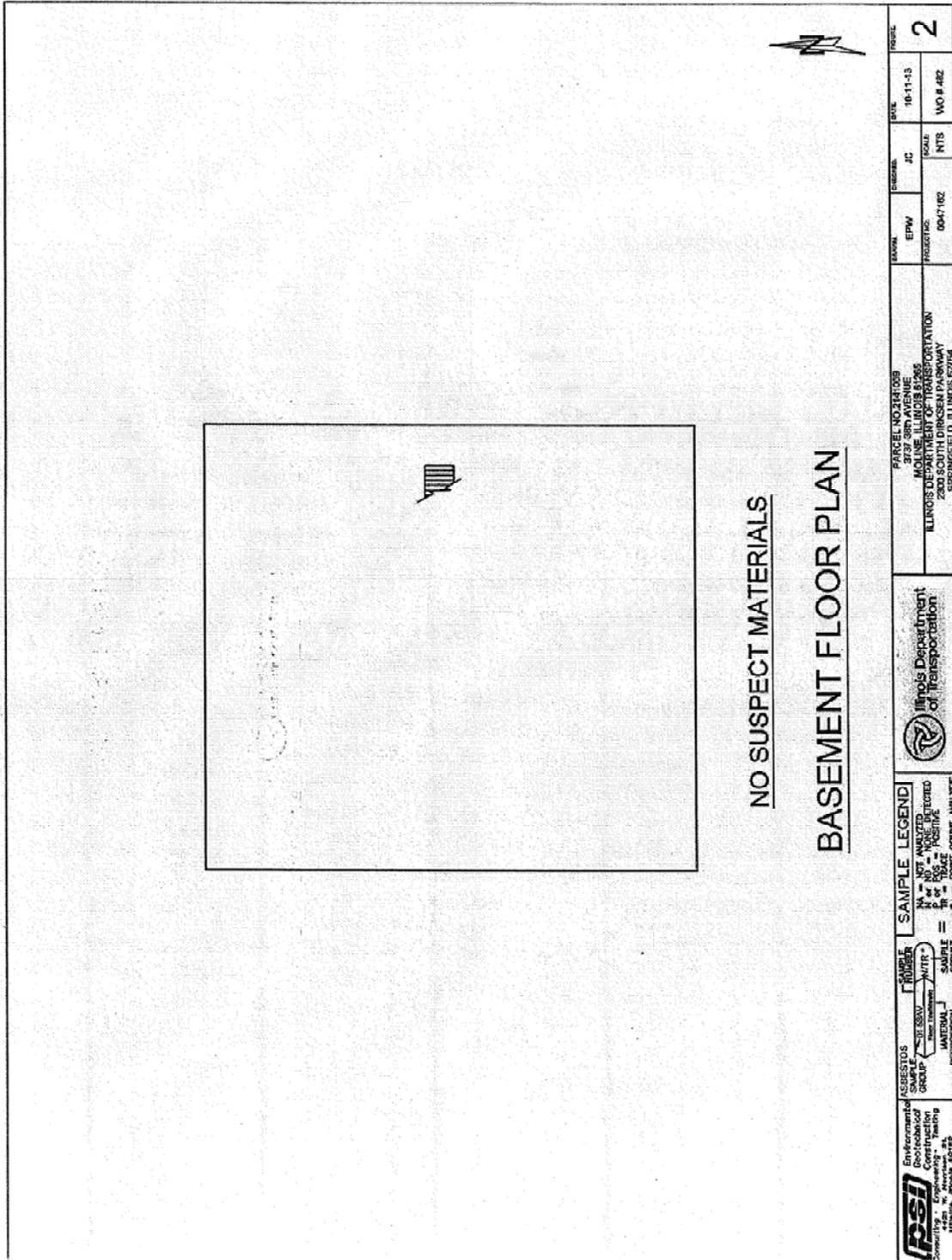
West Face

3737 38 <sup>th</sup> Avenue	Parcel No.	2141069
Rock Island County	Work Order No.	482
Moline, Illinois	PSI Project No.	0047162

Added 10/29/13

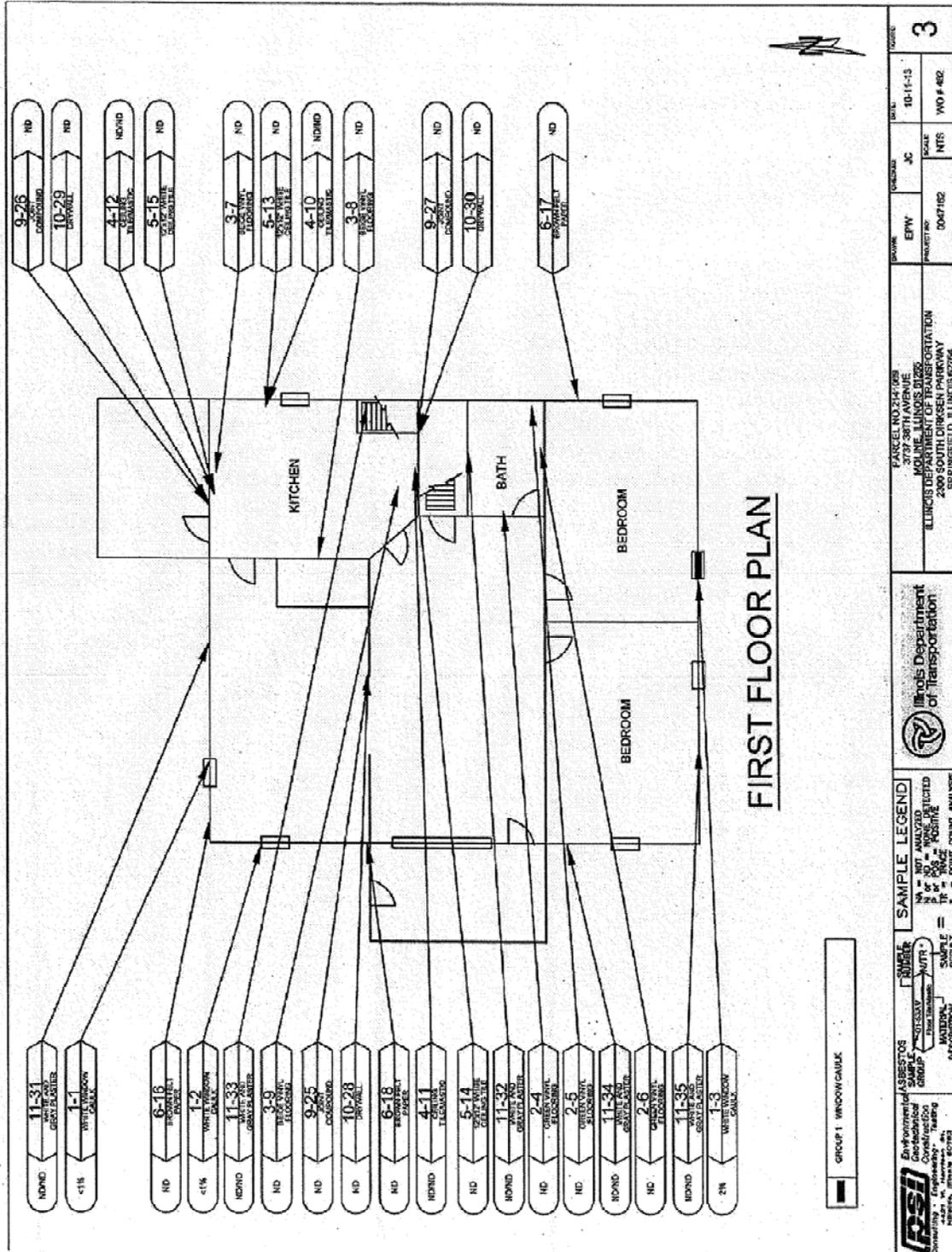


Added 10/29/13



	Environmental Soils Construction Remediation Investigative Services 1800 S. 14th Street Moline, IL 61201 Phone: 309-243-0230		Illinois Department of Transportation	PARCEL NO. 2147008 3737 38th AVENUE MOLINE, ILLINOIS 61201 ILLINOIS DEPARTMENT OF TRANSPORTATION 2800 SOUTH DIRKSEEN PARKWAY SPRINGFIELD, ILLINOIS 62764	DRAWN: EPW PROJECT NO.: 0047182	CHECKED: JC SCALE: NTS	DATE: 10-11-13 WO # 482	FIGURE <b>2</b>
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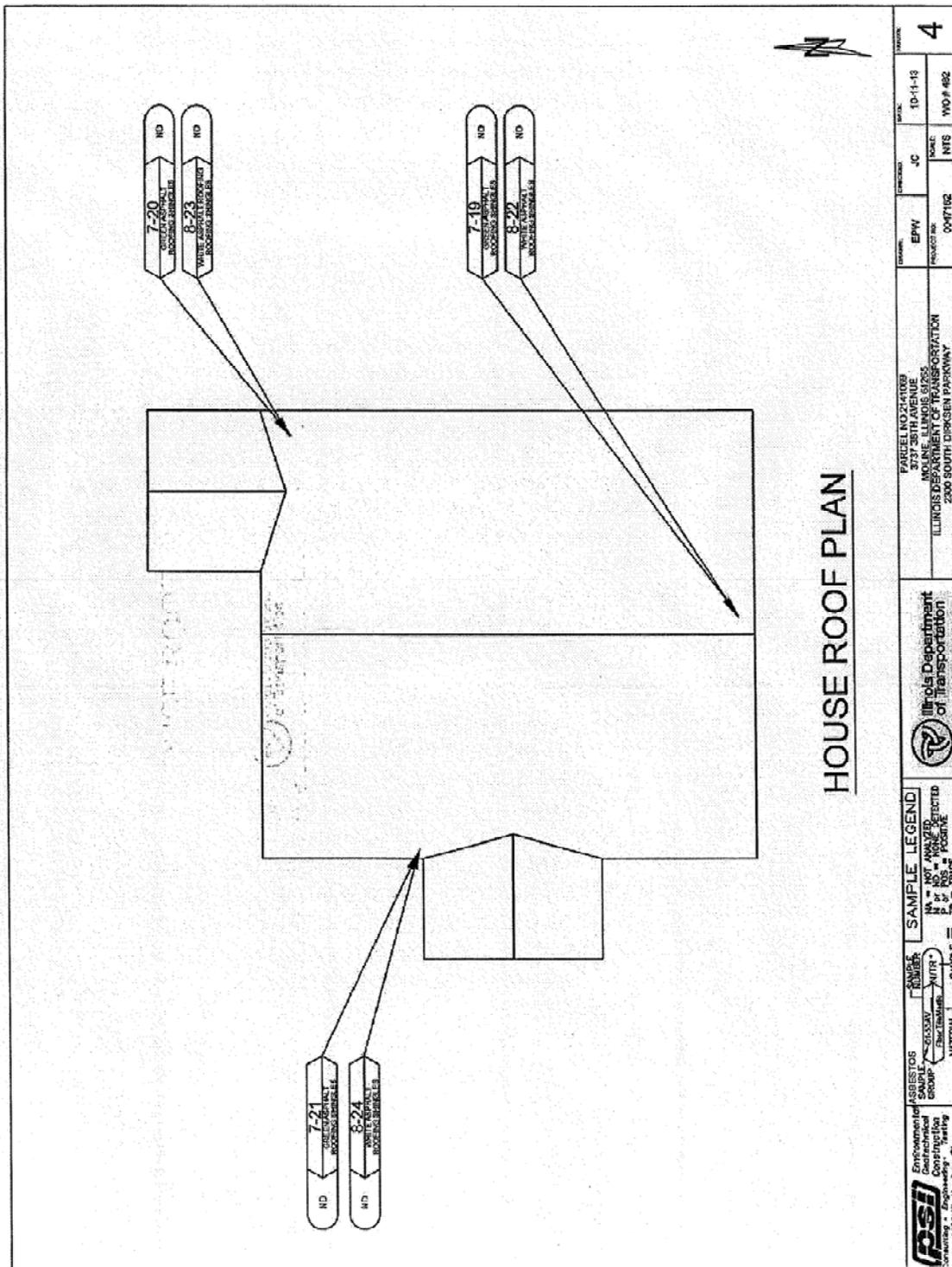
Added 10/29/13



FIRST FLOOR PLAN

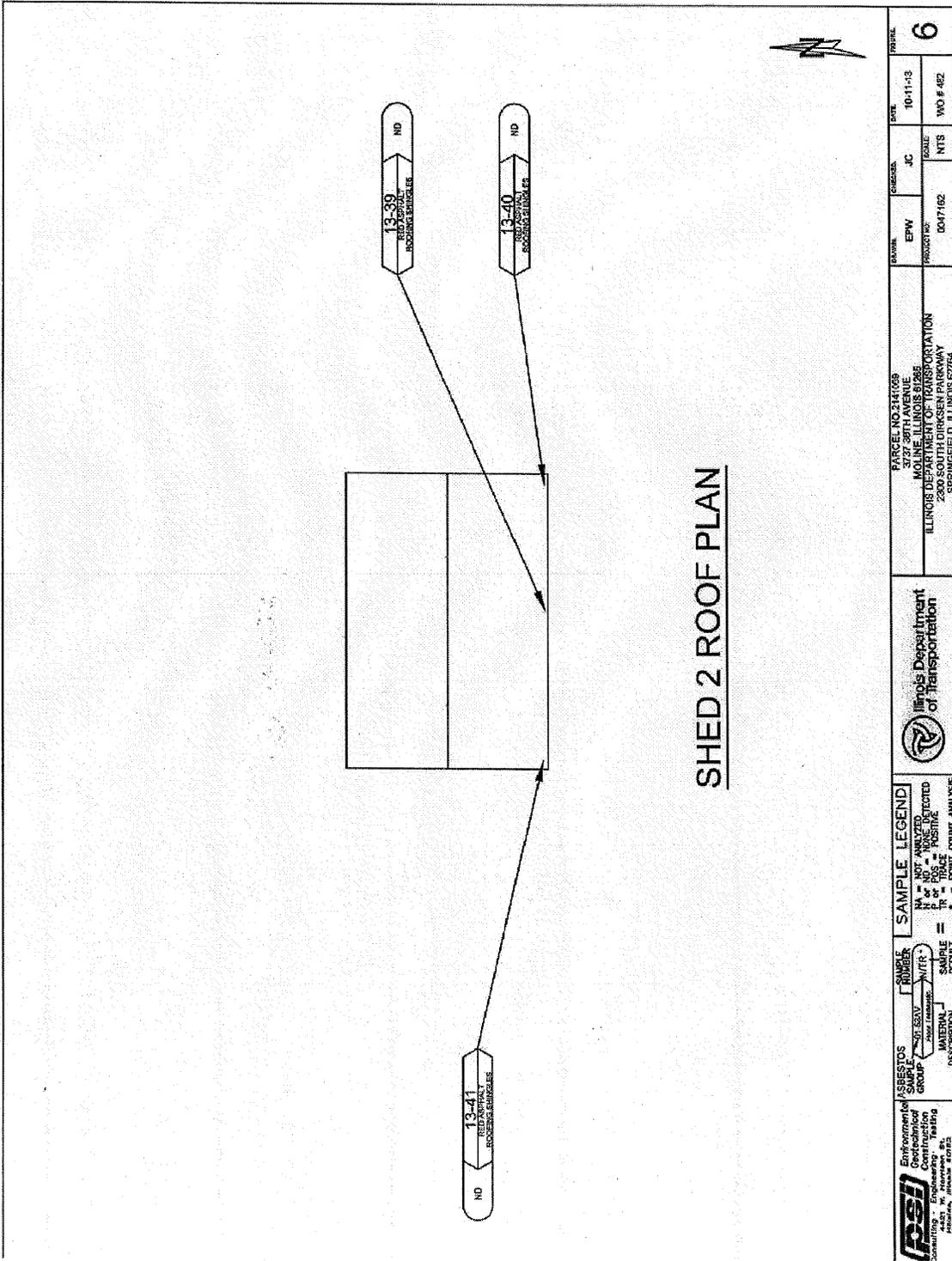
 Environmental Services Geotechnical Geophysical Geotechnical Engineering 1780 S. State St. Ste. 200 Rock Island, IL 63440 Phone: 331-9920	SAMPLE LEGEND NA = NOT ANALYZED P = POSITIVE TR = TRACE PC = POWER COUNT ANALYSIS	Illinois Department of Transportation	PARCEL NO. 214/028 2727 28TH AVENUE MOUNTAIN LINDSE BLDG ILLINOIS DEPARTMENT OF TRANSPORTATION 2800 SOUTH OAK STREET PARKWAY SPRINGFIELD, ILLINOIS 62762	DRAWN EPW	CHECKED JC	DATE 10-11-13	SCALE NTS	NO. # REC. 0047102	SHEET NO. 3
	GROUP 1 WINDOW CAULK	WINDOW CAULK	WINDOW CAULK	WINDOW CAULK	WINDOW CAULK	WINDOW CAULK	WINDOW CAULK	WINDOW CAULK	WINDOW CAULK

Added 10/29/13

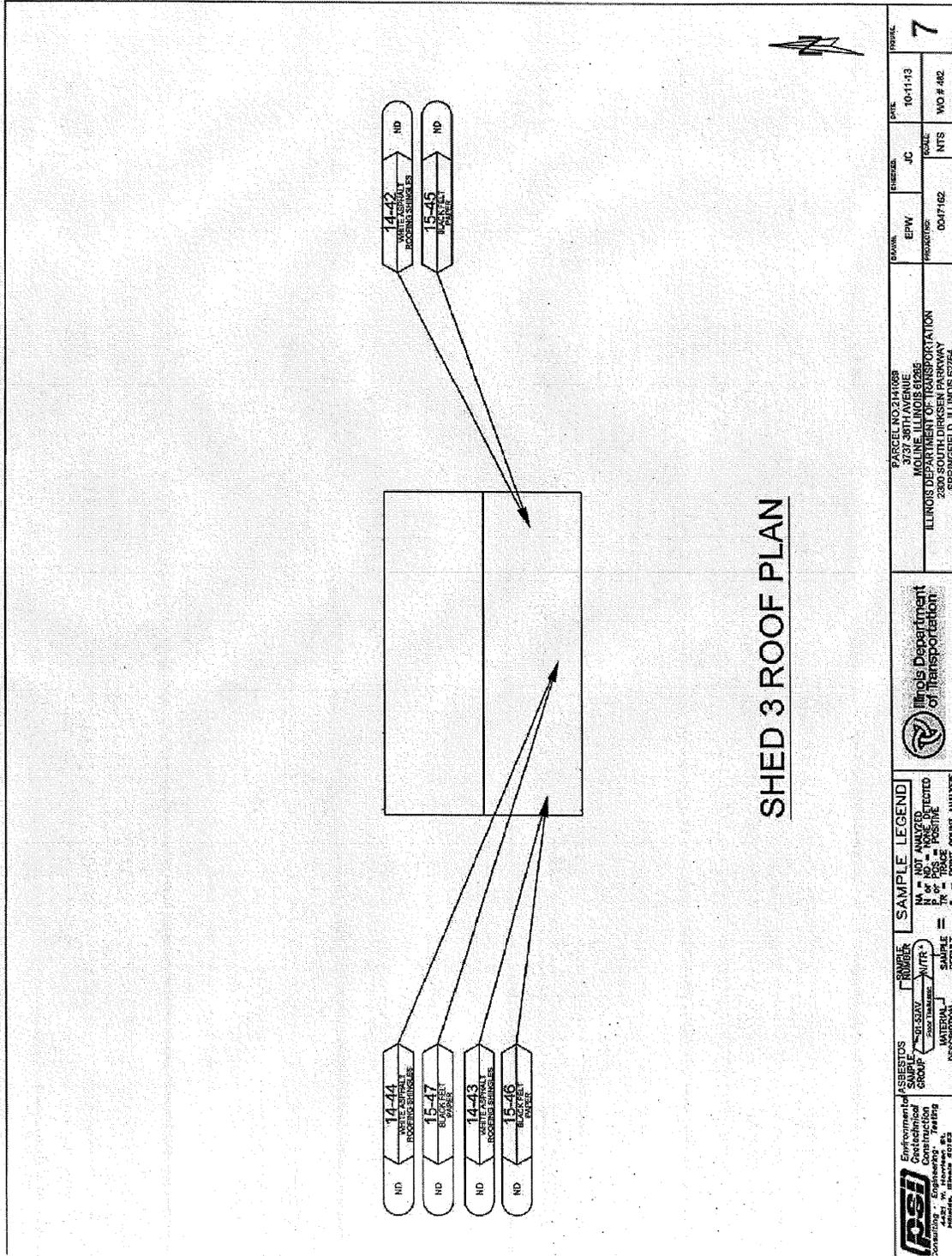


Added 10/29/13





Added 10/29/13



Added 10/29/13

**SECTION 1**  
**1.1 Survey Summary Sheet**

**SITE INFORMATION:**

FAP:	595	Address:	3757 38 <sup>th</sup> Avenue
County:	Rock Island	Address:	
IDOT Job No:	R-92-014-10	City, State Zip:	Moline, Illinois 61265
Section:	(142-1, 142)W & RS	Property Type:	Single Family Residence
Parcel No:	2141070	Construction Date:	Circa 1930
IDOT Work Order No:	483	Building Size (sqft):	908 SF

<b>Asbestos Containing Materials</b>	
Survey Date	<u>October 10, 2013</u>
By Whom:	<u>PSI, Inc.</u> <u>Ciaran McGowan</u> <u>100-18958</u>
Firm	
Inspector	
IDPH License No.	
<b>Results</b>	
Number of Material Types Sampled:	<u>13</u>
Number of Samples Collected:	<u>39</u>
Number of Materials Testing Positive:	<u>3</u>
Was Friable ACM Found?	<u>No</u>
Were Roofing Materials Sampled?	<u>Yes</u>
Are There Unique State or Local Requirements?	<u>Yes</u>
<b>Laboratory Utilized:</b>	
Name:	<u>PSI, Inc.</u>
Address:	<u>850 Poplar Street</u> <u>Pittsburgh, PA 15220</u>
<b>Building Access Limitations:</b>	
<u>None</u>	

**SECTION 1**  
**1.2 Survey Summary & Results**

**ACM SURVEY RESULTS - Parcel No. 2141070**  
**Single Family Residence**  
**3757 38<sup>th</sup> Avenue**  
**Moline, Illinois 61265**

The following homogeneous building material types were sampled as part of this survey and their results are summarized in the table below:

MTL #	MATERIAL DESCRIPTION	LOCATION	F/NF <sup>1</sup>	COND. <sup>2</sup>	% ACM <sup>3</sup>	# SAMPLES	QUANTITY (ENG/MT)
01	White/blue vinyl sheet flooring	Kitchen, top layer	NF	Good	ND	3	220 sf 20.4 sm
02	Beige vinyl sheet flooring	Kitchen, second layer	NF	Good	10%	3	220 sf 20.4 sm
03	Brown brick pattern vinyl sheet flooring	Kitchen, third layer and west hallway	NF	Good	10%	3	370 sf 34.4 sm
04	12" x 12" white, beige self-stick vinyl floor tile	Bedroom closet	NF	Good	ND	3	75 sf 7.0 sm
05	Beige vinyl sheet flooring (Type 1)	Main living area, hallway and closets	NF	Good	ND	3	35 sf 3.3 sm
06	Beige vinyl sheet flooring (Type 2)	Bathroom floor	NF	Good	ND	3	60 sf 5.6 sm
07	Drywall	Throughout	NF	Good	ND	3	6,000 sf 557.4 sm
08	Joint compound	Throughout	NF	Good	ND	3	6,000 sf 557.4 sm
09	12" x 12" green self-stick vinyl floor tile	Boiler room	NF	Good	ND	3	150 sf 13.9 sm
10	Black felt roofing paper	Roof	NF	Good	ND	3	900 sf 83.6 sm
11	Red asphalt-roofing shingles	Roof	NF	Good	ND	3	900 sf 83.6 sm
12	Black caulking material	Roof	NF	Good	5%	3	200 lf 61.0 lm
13	Pink asphalt-roofing shingles	East side, shed roof	NF	Good	ND	3	350 sf 32.5 sm
<b>TOTAL QUANTITY OF ACM</b>							590 sf 200 lf
<b>ESTIMATED ABATEMENT COST</b>							<b>\$4,405.00</b>

<sup>1</sup> F = Friable; NF = Nonfriable      Friability is further defined in section 4.  
<sup>2</sup> Cond. = Condition Of Materials      Either good, fair or poor.  
<sup>3</sup> ND = None Detected  
 \* Point Count Analysis



North Face

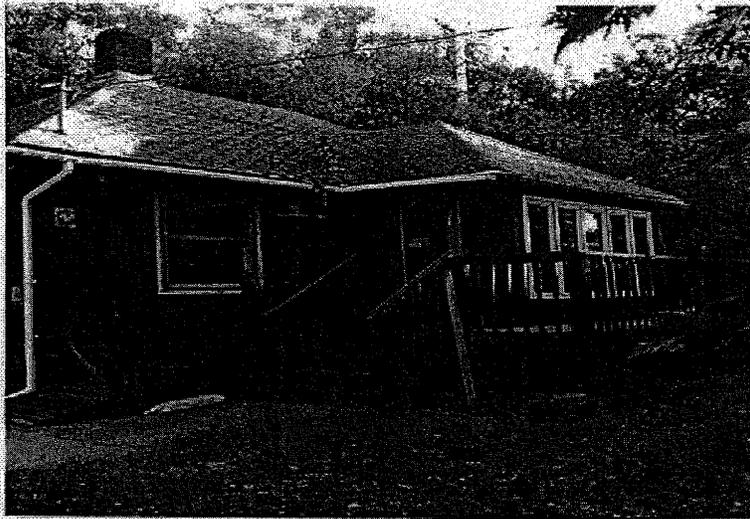


South Face

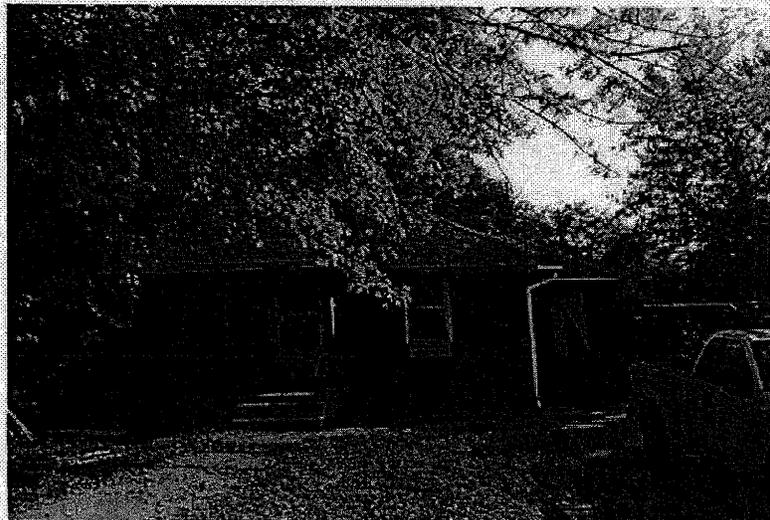
3757 38<sup>th</sup> Avenue  
Rock Island, County  
Moline, Illinois

Parcel No.	2141070
Work Order No.	483
PSI Project No.	0047162

Added 10/29/13



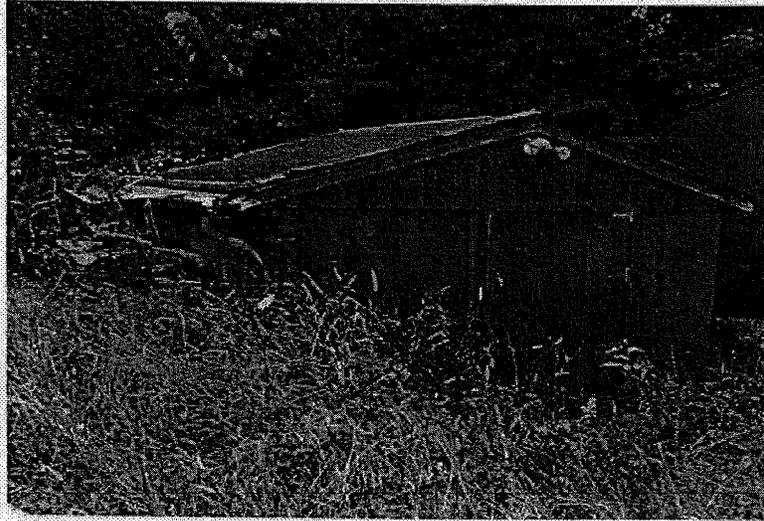
East Face



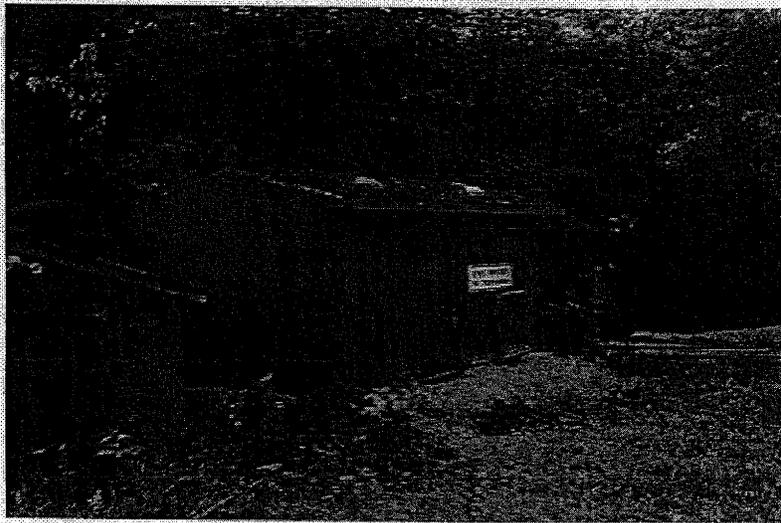
West Face

3757 38 <sup>th</sup> Avenue	Parcel No.	2141070
Rock Island County	Work Order No.	483
Moline, Illinois	PSI Project No.	0047162

Added 10/29/13



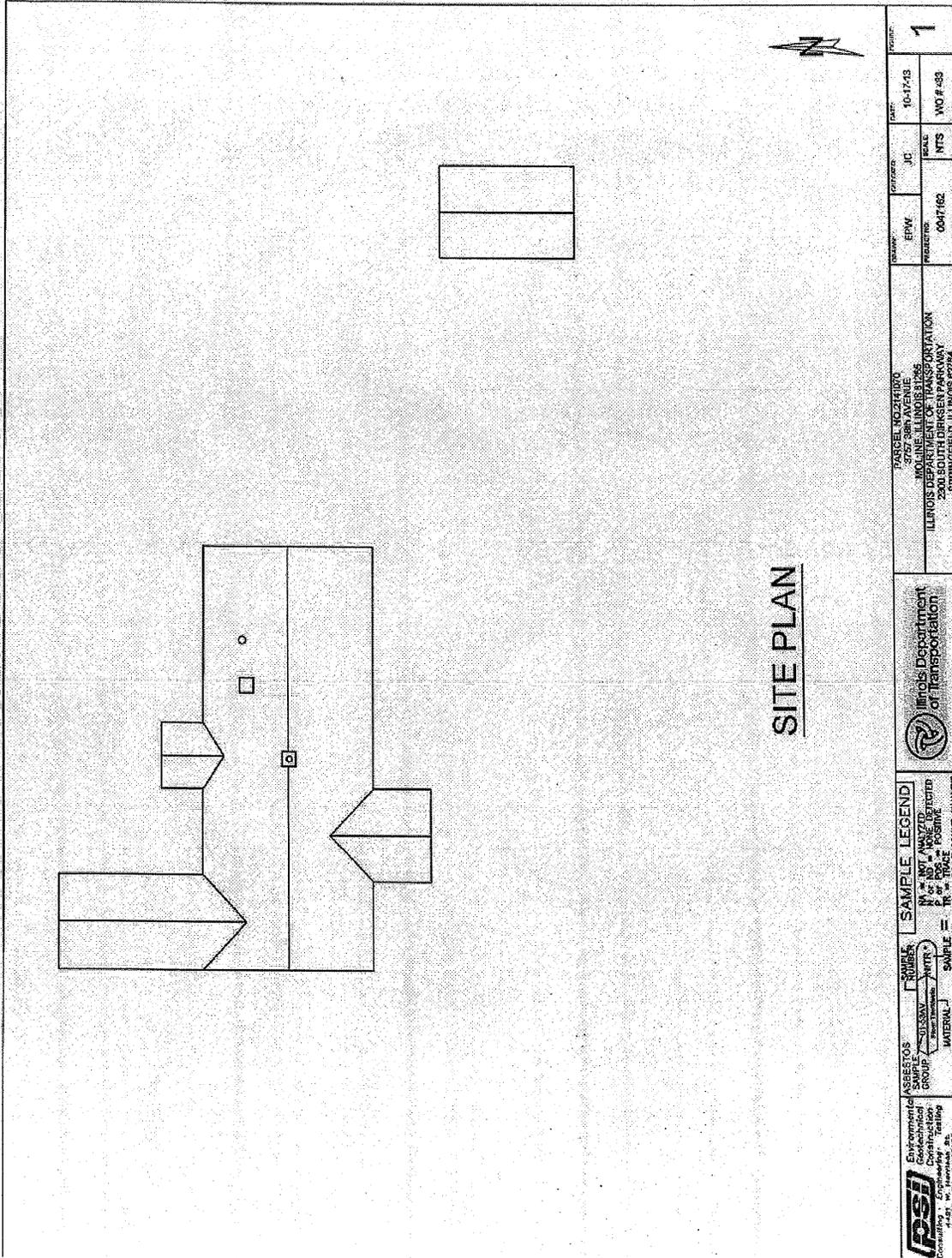
Shed North Face



Shed South Face

3757 38 <sup>th</sup> Avenue	Parcel No.	2141070
Rock Island County	Work Order No.	483
Moline, Illinois	PSI Project No.	0047162

Added 10/29/13

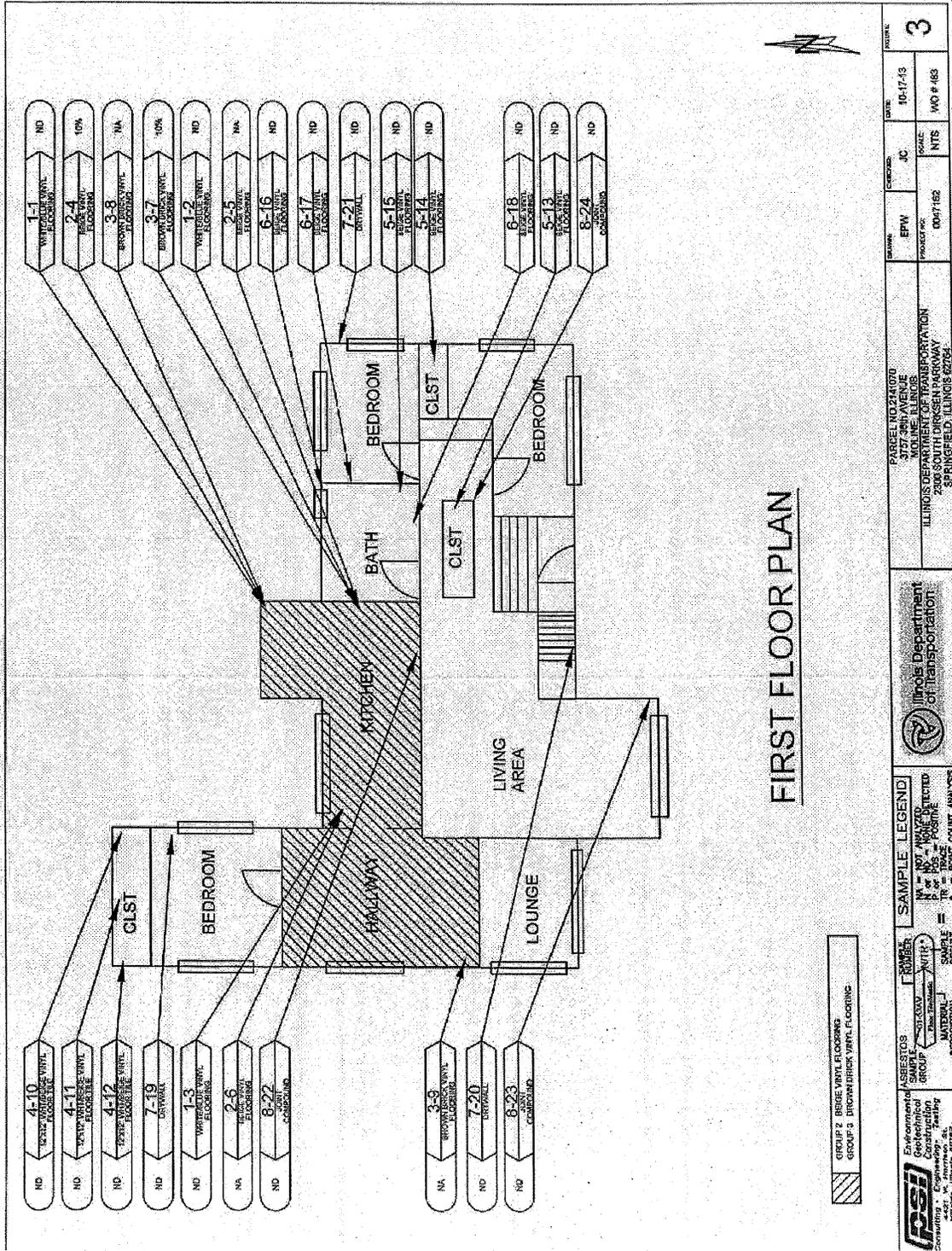


**SITE PLAN**

Environmental Geotechnical Consulting - Engineering - Testing 1421 W. Hennepin Ave. Chicago, IL 60640 (773) 537-1970	ASBESTOS GROUP SOILS WATER MATERIAL DESCRIPTION	SAMPLE RESULT	<b>SAMPLE LEGEND</b> IN = NOT ANALYZED P = POSITIVE N = NEGATIVE F = FURTHER ANALYSIS		Illinois Department of Transportation	PARCEL NO. 214100 3757 38th AVENUE MOBILE, ILLINOIS 62450 ILLINOIS DEPARTMENT OF TRANSPORTATION 3300 SOUTH DIKSHEN PARKWAY SPRINGFIELD, ILLINOIS 62784	DATE: 10-17-15 NO. # 439
			DRAWN BY: EPW RESIGNED: 0047462	CHECKED BY: JC SCALE: NTS		SHEET NO. 1	

Added 10/29/13



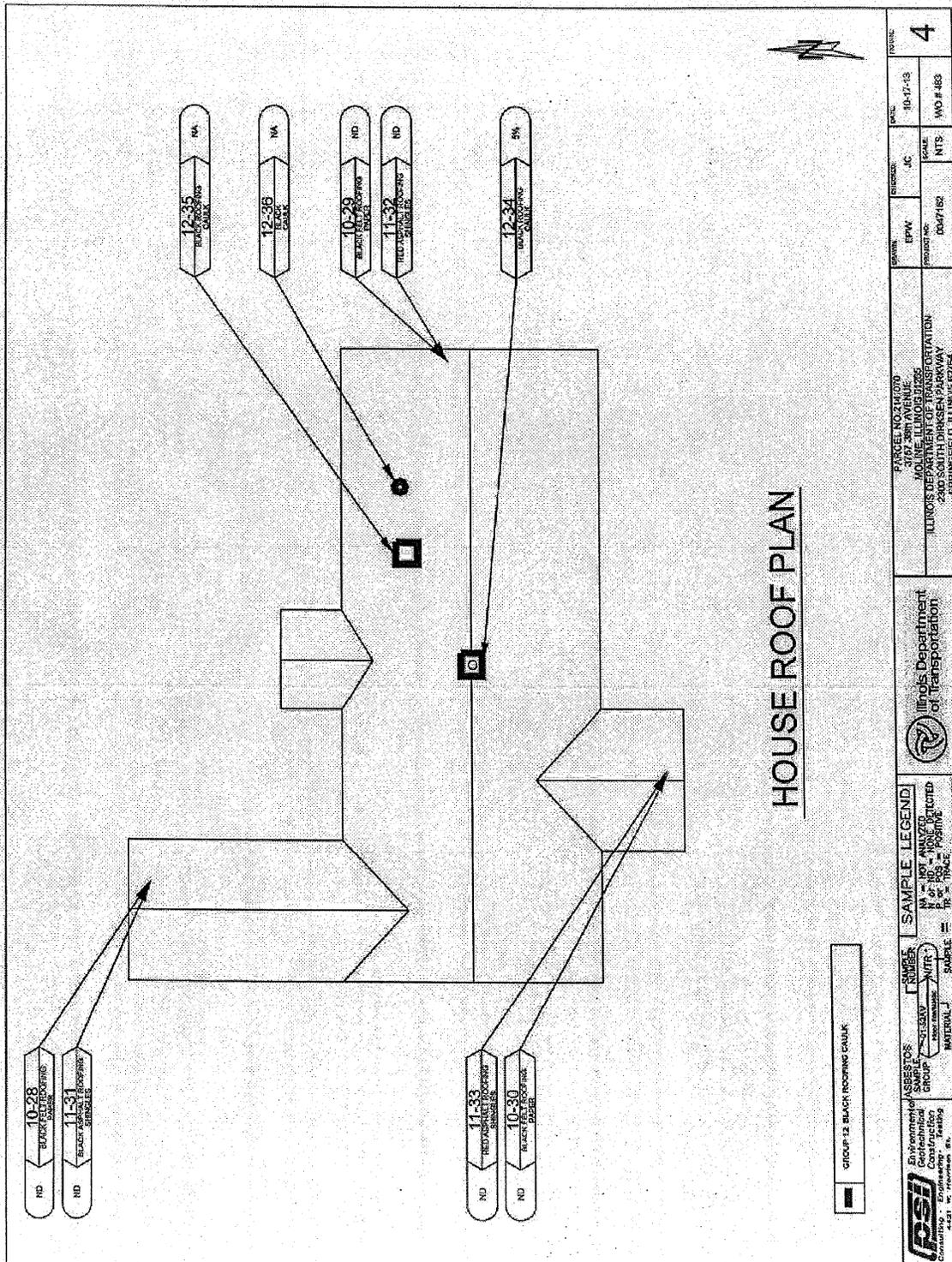


FIRST FLOOR PLAN

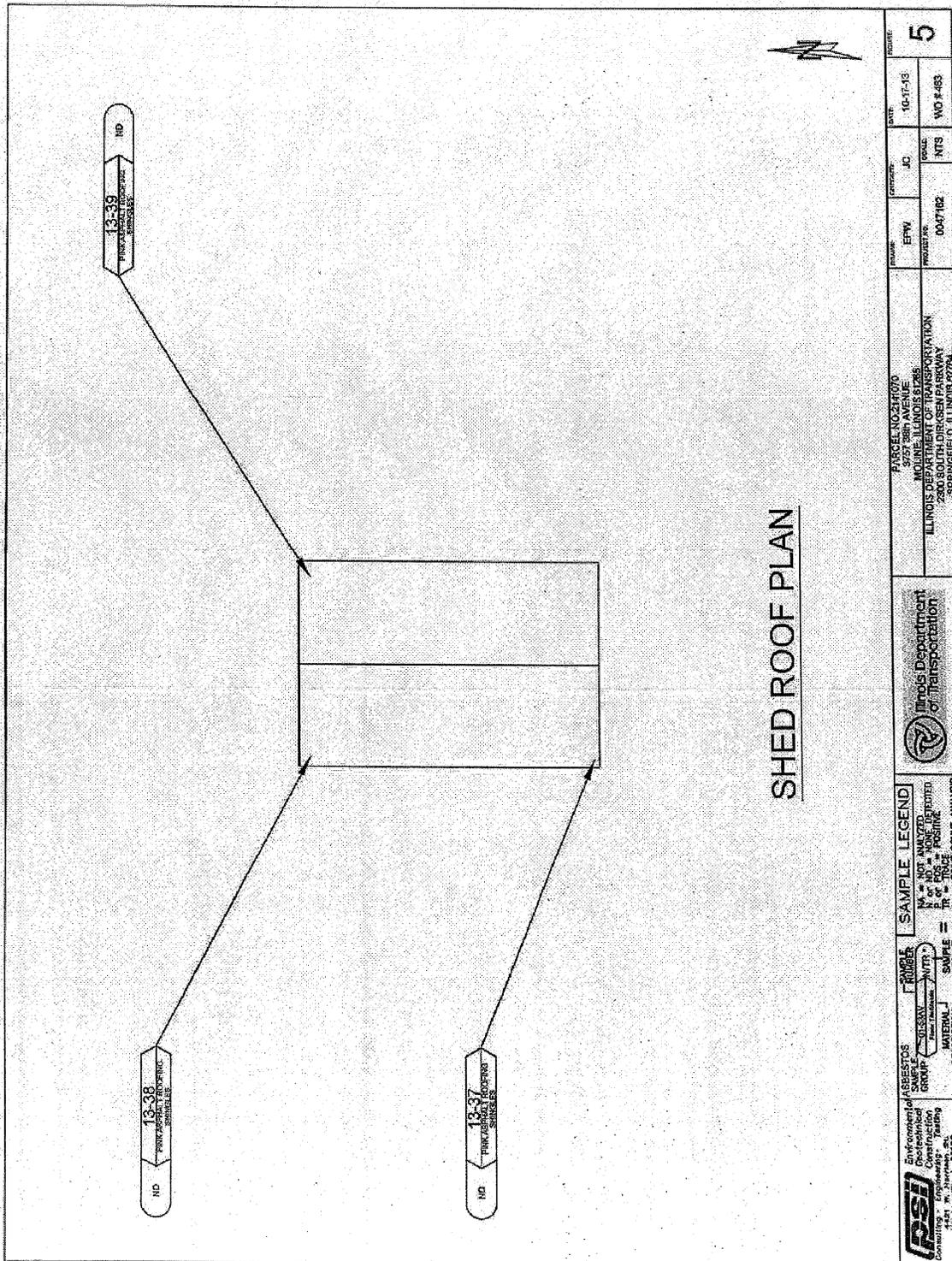
GROUP 2 BROWN/BLACK VINYL FLOORING  
 GROUP 3 BROWN/BLACK VINYL FLOORING

PARCEL NO: 2141070 3757 35th AVENUE MOLINE, ILLINOIS ILLINOIS DEPARTMENT OF TRANSPORTATION 2015 SPRINGFIELD, ILLINOIS 62764	DATE: 10-17-13	SCALE: NTS	PROJECT NO: 0047162	NO. OF SHEETS: 3
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Added 10/29/13



Added 10/29/13



Environmental Professional Consulting & Engineering 1221 W. River Street Moline, IL 61201 (309) 231-0720	ASBESTOS GROUP 1 ANALYSIS	ANALYSIS GROUP 2 ANALYSIS	ANALYSIS GROUP 3 ANALYSIS	ANALYSIS GROUP 4 ANALYSIS	ANALYSIS GROUP 5 ANALYSIS	ANALYSIS GROUP 6 ANALYSIS	ANALYSIS GROUP 7 ANALYSIS	ANALYSIS GROUP 8 ANALYSIS	ANALYSIS GROUP 9 ANALYSIS	ANALYSIS GROUP 10 ANALYSIS
	ANALYSIS GROUP 11 ANALYSIS	ANALYSIS GROUP 12 ANALYSIS	ANALYSIS GROUP 13 ANALYSIS	ANALYSIS GROUP 14 ANALYSIS	ANALYSIS GROUP 15 ANALYSIS	ANALYSIS GROUP 16 ANALYSIS	ANALYSIS GROUP 17 ANALYSIS	ANALYSIS GROUP 18 ANALYSIS	ANALYSIS GROUP 19 ANALYSIS	ANALYSIS GROUP 20 ANALYSIS

Added 10/29/13

APPENDIX D

SHIPPING MANIFEST

Generator

1. Work Site Name and Mailing Address	Owner's Name	Owner's Telephone No.
2. Operator's Name and Address		Operator's Telephone No
3. Waste Disposal Site (WDS) Name Mailing Address, and Physical Site Location		WDS Telephone No.
4. Name and Address of Responsible Agency		
5. Description of Materials		
6. Containers	No.	Type
7. Total Quantity	M <sup>3</sup>	(Yd <sup>3</sup> )
8. Special Handling Instructions and Additional Information		
9. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.		
Printed/Typed Name & Title	Signature	Month Day Year

Transporter

10. Transporter 1 (Acknowledgement of Receipt of Materials)		
Printed/Typed Name & Title	Signature	Month Day Year
Address and Telephone No.		
11. Transporter 2 (Acknowledgement of Receipt of Materials)		
Printed/Typed Name & Title	Signature	Month Day Year
Address and Telephone No.		

Disposal Site

12. Discrepancy Indication Space		
13. Waste Disposal Site Owner or Operator: Certification of Receipt of Asbestos Materials Covered By This Manifest Except As Noted in Item 12		
Printed/Typed Name & Title	Signature	Month Day Year

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APPENDIX D

INSTRUCTIONS

Waste Generator Section (Items 1-9)

1. Enter the name of the facility at which asbestos waste is generated and the address where the facility is located. In the appropriate spaces, also enter the name of the owner of the facility and the owner's phone number.
2. If a demolition or renovation, enter the name and address of the Company and authorized agent responsible for performing the asbestos removal. In the appropriate spaces, also enter the phone number of the operator.
3. Enter the name, address, and physical site location of the waste disposal site (WDS) that will be receiving the asbestos materials. In the appropriate spaces, also enter the phone number of the WDS. Enter "on-site" if the waste will be disposed of on the generator's property.
4. Provide the name and address of the local, State, or EPA Regional Office responsible for administering the asbestos NESHAP program.
5. Indicate the types of asbestos waste materials generated. If from a demolition or renovation, indicate the amount of asbestos that is
  - Friable asbestos material
  - Nonfriable asbestos material
6. Enter the number of containers used to transport the asbestos materials listed in Item 5. Also enter one of the following container codes used in transporting each type of asbestos material (specify any other type of container used if not listed below):
  - DM - Metal drums, barrels
  - DP - Plastic drums, barrels
  - BA - 6 mil plastic bags or wrapping
7. Enter the quantities of each type of asbestos material removed in units of cubic meters (cubic yards).
8. Use this space to indicate special transportation, treatment, storage or disposal or Bill of Lading information. If an alternate waste disposal site is designated, note it here. Emergency response telephone numbers or similar information may be included here.
9. The authorized agent of the waste generator shall read and then sign and date this certification. The date is the date of receipt by transporter.

NOTE: The waste generator shall retain a copy of this form.

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APPENDIX D

INSTRUCTIONS

Transporter Section (Items 10 & 11)

10. & 11. Enter name, address, and telephone number of each transporter used, if applicable. Print or type the full name and title of person accepting responsibility and acknowledging receipt of materials as listed on this waste shipment record for transport.

NOTE: The transporter shall retain a copy of this form.

Disposal Site Section (Items 12 & 13)

12. The authorized representative of the WDS shall note in this space any discrepancy between waste described on this manifest and waste actually received as well as any improperly enclosed or contained waste. Any rejected materials should be listed and destination of those materials provided. A site that converts asbestos-containing waste material to nonasbestos material is considered a WDS.
13. The signature (by hand) of the authorized WDS agent indicates acceptance and agreement with statements on this manifest except as noted in Item 12. The date is the date of signature and receipt of shipment.

NOTE: The WDS shall retain a completed copy of this form. The WDS shall also send a completed copy to the operator listed in Item 2.

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