



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

February 26, 2013

SUBJECT: FAP Route 407 (IL 336/IL 110)
Project ACNHF-0407 (004)
Section (55-3)A
McDonough County
Contract No. 68A42
Item No. 92, March 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 sheets 3, 5, 16, 29, 42, 344, 348, 351, 356, 361, 366, 370, 372-374, 380, 386-391, 393, 395, 396, 398, 400, 402, 404, 407, 409-418, 420, 422, 424, 427, 430, 432, 435, 438-441, 443, 446-448, 458, 459, 461-463, 469-475, 479, 480, 491, 493-495, 532-539, 544-548, 554, 556, 557, 562, 564-566, 568-570, 572, 573, 575-578, 580-583, 586, 587, 592, 593, 630, 631, and 639-641 of the Plans.
3. Revised pages i and iii of the Table of Contents to the Special Provisions.
4. Revised 11 of the Special Provisions.
5. Added pages 218-234 to the Special Provisions.

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

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

Very truly yours,

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

A handwritten signature in black ink, appearing to read 'Ted B. Walschleger P.E.' with a stylized flourish at the end.

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

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

dp

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER - 68A42

State Job # - C-94-060-11

County Name - MCDONOUGH- -
 Code - 109 - -
 District - 4 - -
 Section Number - (55-3)A

Project Number
 ACNHF-0407/003/

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 FAP 407

* REVISED: FEBRUARY 19, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
A2002016	T-AESCLUS GLA 2	EACH	5.000				
A2002816	T-CATALPA SPEC 2	EACH	32.000				
A2002916	T-CELTIS OCCID 2	EACH	7.000				
A2005016	T-GYMNOCLA DIO 2	EACH	14.000				
A2005116	T-JUGLANS NIGRA 2	EACH	10.000				
A2006716	T-QUERCUS MACR 2	EACH	15.000				
A2007616	T-TAXODIUM DIS 2	EACH	7.000				
C2C00524	S-ARONIA MELAN 2'C	EACH	734.000				
C2002024	S-CORYLUS AMER 2'	EACH	1,250.000				
C2005724	S-RHUS AROMA 2'	EACH	1,000.000				
C2006024	S-RHUS TYPHINA 2'	EACH	1,200.000				
D2002736	E-PINUS NIGRA 3'	EACH	137.000				
XX004972	LINE STOP 12	EACH	2.000				
X0322936	REMOV EX FLAR END SEC	EACH	3.000				
X0323260	SEDIMENT BASIN	EACH	25.000				

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X0323660	DROP BOX NO.1	EACH	1.000				
X0325833	WICK DRAINS	FOOT	119,692.000				
X0327546	LINE STOP 20	EACH	2.000				
X0327547	ABANDON EXIST UTLS	L SUM	1.000				
X0327548	SEW AIR VAC VALV COMP	EACH	2.000				
X0488100	REM EX SEPTIC TANK	EACH	2.000				
X3510704	AGG BASE CSE FA-4	TON	2,359.000				
X5424511	INLET BOX 542511 SPL	EACH	5.000				
X5620096	WATER SERV LN 1 BORED	EACH	1.000				
X5620101	WATER SERV LN 2 BORED	EACH	1.000				
X5640175	FIRE HYDRANT COMPLETE	EACH	7.000				
X6023610	MAN TA 4 DIA MI SPL	EACH	1.000				
X6023615	MAN TA 5 DIA MI SPL	EACH	19.000				
X6023620	MAN TA 6 DIA MI SPL	EACH	1.000				
X6023625	MAN TA 8 DIA MI SPL	EACH	1.000				

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X6023831	INLET TA MI SP	EACH	1.000				
X6660410	REMOVE ROW MARKERS	EACH	4.000				
X6670109	PERM SURVEY TIES	EACH	128.000				
Z0001002	GDRL AGG EROS CONT	TON	240.000				
Z0001100	AIR RELEASE VALVE	EACH	5.000				
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				
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				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0022800	FENCE REMOVAL	FOOT	13,186.000				
Z0023600	FILL EXIST CULVERTS	EACH	1.000				

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Z0040000	PIEZOMETERS	EACH	4.000				
Z0048665	RR PROT LIABILITY INS	L SUM	1.000				
Z0049801	R&D FRIABL ASB BLD 1	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				
*DELETE Z0054400	ROCK FILL	CU YD	78,888.000				
*ADD Z0054500	ROCK FILL	TON	161,721.000				
Z0056100	SAND DRAINAGE BLANKET	CU YD	11,981.000				
Z0056800	SAN SEW 6	FOOT	3,314.000				
Z0065100	SETTLEMENT PLATFORMS	EACH	8.000				
Z0067300	STEEL CASINGS 12	FOOT	1,020.000				
Z0067700	STEEL CASINGS 20	FOOT	450.000				
Z0068200	STEEL CASINGS 30	FOOT	447.000				
20100110	TREE REMOV 6-15	UNIT	158.000				
20100210	TREE REMOV OVER 15	UNIT	176.000				

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20100500	TREE REMOV ACRES	ACRE	72.000				
*REV 20200100	EARTH EXCAVATION	CU YD	3,121,285.000				
20201200	REM & DISP UNS MATL	CU YD	140,925.000				
20700220	POROUS GRAN EMBANK	CU YD	4,604.000				
20800150	TRENCH BACKFILL	CU YD	33.000				
21001000	GEOTECH FAB F/GR STAB	SQ YD	53,361.000				
21101505	TOPSOIL EXC & PLAC	CU YD	150,049.000				
21301052	EXPLOR TRENCH 52	FOOT	21,600.000				
25000210	SEEDING CL 2A	ACRE	77.250				
25000312	SEEDING CL 4A	ACRE	167.000				
25000322	SEEDING CL 5A	ACRE	167.000				
25000400	NITROGEN FERT NUTR	POUND	21,961.000				
25000500	PHOSPHORUS FERT NUTR	POUND	21,961.000				
25000600	POTASSIUM FERT NUTR	POUND	21,961.000				
25000750	MOWING	ACRE	167.250				

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25100115	MULCH METHOD 2	ACRE	151.250				
25100635	HD EROS CONTR BLANKET	SQ YD	441,874.000				
28000250	TEMP EROS CONTR SEED	POUND	11,865.000				
28000305	TEMP DITCH CHECKS	FOOT	9,691.000				
28000315	AGG DITCH CHECKS	TON	6,979.000				
28000400	PERIMETER EROS BAR	FOOT	3,083.000				
28000500	INLET & PIPE PROTECT	EACH	73.000				
28100107	STONE RIPRAP CL A4	SQ YD	14,073.000				
28100109	STONE RIPRAP CL A5	SQ YD	67,937.000				
28100125	STONE RIPRAP CL B3	SQ YD	23,322.000				
28200200	FILTER FABRIC	SQ YD	82,010.000				
28500100	FAB FORM CONC REV MAT	SQ YD	650.000				
30200650	PROCESS MOD SOIL 12	SQ YD	18,312.000				
30201500	LIME	TON	366.300				
31101000	SUB GRAN MAT B	TON	199.000				

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35100700	AGG BASE CSE A 8	SQ YD	4,025.000				
35501300	HMA BASE CSE 4	SQ YD	3,271.000				
35800100	PREPARATION OF BASE	SQ YD	305.000				
35800200	AGG BASE REPAIR	TON	106.000				
40200700	AGG SURF CSE A 8	SQ YD	7,605.000				
40200800	AGG SURF CSE B	TON	1,190.000				
40201000	AGGREGATE-TEMP ACCESS	TON	397.000				
40300200	BIT MATLS PR CT	TON	0.700				
40300400	BIT MATLS C&S CT	TON	1.900				
40300500	COVER COAT AGG	TON	7.700				
40300600	SEAL COAT AGG	TON	3.900				
40600115	P BIT MATLS PR CT	GALLON	162.000				
40600200	BIT MATLS PR CT	TON	5.000				
40603310	HMA SC "C" N50	TON	359.000				
40800050	INCIDENTAL HMA SURF	TON	152.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
44000100	PAVEMENT REM	SQ YD	3,330.000				
44201757	CL D PATCH T3 9	SQ YD	57.000				
44201759	CL D PATCH T4 9	SQ YD	562.000				
48101498	AGGREGATE SHLDS B 4	SQ YD	1,766.000				
50100300	REM EXIST STRUCT N1	EACH	1.000				
50100400	REM EXIST STRUCT N2	EACH	1.000				
50100500	REM EXIST STRUCT N3	EACH	1.000				
50100600	REM EXIST STRUCT N4	EACH	1.000				
50100700	REM EXIST STRUCT N5	EACH	1.000				
50100800	REM EXIST STRUCT N6	EACH	1.000				
50105220	PIPE CULVERT REMOV	FOOT	797.000				
50800105	REINFORCEMENT BARS	POUND	494,900.000				
50900200	STEEL RAIL TYPE 2399	FOOT	192.000				
50901760	PIPE HANDRAIL	FOOT	80.000				
51500100	NAME PLATES	EACH	1.000				

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54001001	BOX CUL END SEC C1	EACH	1.000				
54003000	CONC BOX CUL	CU YD	2,257.000				
54010402	PCBC 4X2	FOOT	278.000				
542A0223	P CUL CL A 1 18	FOOT	296.000				
542A0229	P CUL CL A 1 24	FOOT	80.000				
542A0235	P CUL CL A 1 30	FOOT	56.000				
542A0241	P CUL CL A 1 36	FOOT	56.000				
542A1063	P CUL CL A 2 18	FOOT	72.000				
542A1069	P CUL CL A 2 24	FOOT	1,658.000				
542A1075	P CUL CL A 2 30	FOOT	144.000				
542A1081	P CUL CL A 2 36	FOOT	232.000				
542A1105	P CUL CL A 2 60	FOOT	224.000				
542A1111	P CUL CL A 2 66	FOOT	120.000				
542A1909	P CUL CL A 3 24	FOOT	402.000				
542A1951	P CUL CL A 3 66	FOOT	390.000				

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542A2773	P CUL CL A 4 48	FOOT	246.000				
542A3415	P CUL CL A 5 60	FOOT	282.000				
542A4021	P CUL CL A 6 36	FOOT	288.000				
542D0220	P CUL CL D 1 15	FOOT	116.000				
542D0229	P CUL CL D 1 24	FOOT	40.000				
542D1060	P CUL CL D 2 15	FOOT	54.000				
542D1081	P CUL CL D 2 36	FOOT	170.000				
542D1945	P CUL CL D 3 60	FOOT	80.000				
542JA018	P CUL CL A 18 JKD	FOOT	40.000				
542JA042	P CUL CL A 42 JKD	FOOT	272.000				
542JA048	P CUL CL A 48 JKD	FOOT	248.000				
54205095	P CUL SPEC 60	FOOT	540.000				
54213663	PRC FLAR END SEC 18	EACH	6.000				
54213669	PRC FLAR END SEC 24	EACH	24.000				
54213675	PRC FLAR END SEC 30	EACH	8.000				

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54213681	PRC FLAR END SEC 36	EACH	8.000				
54213693	PRC FLAR END SEC 48	EACH	2.000				
54213705	PRC FLAR END SEC 60	EACH	1.000				
54215442	CIP RC END SEC 42	EACH	2.000				
54215448	CIP RC END SEC 48	EACH	2.000				
54215460	CIP RC END SEC 60	EACH	4.000				
54215466	CIP RC END SEC 66	EACH	4.000				
54215550	MET END SEC 15	EACH	8.000				
54215559	MET END SEC 24	EACH	2.000				
54215571	MET END SEC 36	EACH	4.000				
54215595	MET END SEC 60	EACH	2.000				
54244405	FL INLT BX MED 542546	EACH	1.000				
54246405	INLET BOX 542531	EACH	5.000				
550A0340	STORM SEW CL A 2 12	FOOT	274.000				
550A0410	STORM SEW CL A 2 24	FOOT	36.000				

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56100600	WATER MAIN 6	FOOT	386.000				
56100900	WATER MAIN 12	FOOT	2,956.000				
56101110	WATER MAIN 20	FOOT	2,962.000				
56109100	TAP VALVE & SLEEVE 12	EACH	2.000				
56109204	TAP VALVE & SLEEVE 20	EACH	2.000				
56300300	ADJ WATER SERV LINES	FOOT	30.000				
56400500	FIRE HYDNPTS TO BE REM	EACH	2.000				
60218400	MAN TA 4 DIA T1F CL	EACH	8.000				
60221100	MAN TA 5 DIA T1F CL	EACH	6.000				
63000001	SPBGR TY A 6FT POSTS	FOOT	2,050.000				
63100087	TRAF BAR TERM T6A	EACH	4.000				
63100167	TR BAR TRM T1 SPL TAN	EACH	10.000				
66400510	CH LK FENCE 10	FOOT	45,792.000				
66405500	CH LK GATE 8X12 SINGL	EACH	18.000				
66409600	CH LK GATES 8X16 DBL	EACH	3.000				

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66500105	WOV W FENCE 4	FOOT	19,059.000				
66501100	WOV W GATE 4X12 SINGL	EACH	6.000				
66600105	FUR ERECT ROW MARKERS	EACH	266.000				
66700305	PERM SURV MKRS T2	EACH	32.000				
67000400	ENGR FIELD OFFICE A	CAL MO	20.000				
67100100	MOBILIZATION	L SUM	1.000				
67201000	SEAL ABAN WATER WELLS	EACH	2.000				
70100825	TRAF CONT-PROT 701456	L SUM	1.000				
70101830	TRAF CONT-PROT BLR 21	L SUM	1.000				
70101835	TRAF CONT-PROT BLR 22	L SUM	1.000				
70103815	TR CONT SURVEILLANCE	CAL DA	100.000				
70106800	CHANGEABLE MESSAGE SN	CAL MO	4.000				
72000100	SIGN PANEL T1	SQ FT	278.000				
72500100	OBJECT MARKER T1	EACH	72.000				
72800100	TELES STL SIN SUPPORT	FOOT	1,338.000				

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78000200	THPL PVT MK LINE 4	FOOT	4,222.000				
78200410	GUARDRAIL MKR TYPE A	EACH	28.000				
78201000	TERMINAL MARKER - DA	EACH	10.000				

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BACKFILL - PIPE CULVERTS

Effective October 15, 1995 Revised January 1, 2007

When trenches or excavation are made across existing pavement to remain in place, revise Article 542.04(f) 4th paragraph as follows:

“The remainder of the trench and excavation shall be backfilled with trench backfill. All backfill material shall be deposited in the trench or excavation in such a manner as not to damage the culvert. Trench backfill above the center of the pipe shall be compacted by either Method 2 or Method 3 specified in Article 550.07, or in accordance with Method 1 specified in Article 550.07, except that the compacted lifts shall not exceed 8" (200 mm) in thickness.

When the trench has been widened for the removal and replacement of unstable or unsuitable material, the backfilling with trench backfill and impervious material will be required for the entire width of the trench or excavation. Each 8" (200 mm) layer for the entire trench width shall be completed before beginning the placement of the next layer.”

Basis of Payment: This work will not be paid for separately but shall be included in the contract unit price per foot (meter) for PIPE CULVERTS, of the type and diameter specified. Trench backfill will be paid for as specified in Article 208.04.

Revised 2-26-13

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

Effective: September 1, 1990

Revised: April 1, 2010

BUILDING REMOVAL: This work shall consist of the removal and disposal of 1 building, 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>
1	4AEC002	90 Cheyenne Road Colchester, IL 62326	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.

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).

All friable asbestos shall be removed from the building(s) prior to demolition. 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)", "Removal and Disposal of Friable Asbestos Building No. 1", and "Removal and Disposal of Non-Friable Asbestos Building No. 1" contained herein.

Added 2-26-13

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 asbestos, friable and non-friable, is removed prior to demolition. Any salvage value shall be reflected in the contract unit price for this item.

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

1. BUILDING REMOVAL NO. 1
2. REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 1
3. REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 1

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 friable and 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 Provisions for "Removal and Disposal of Friable Asbestos, Building No.1" and "Removal and Disposal of Non-Friable Asbestos, Building No. 1", and as outlined herein.

Sketches indicating the location of Asbestos Containing Material (ACM) are included in the proposal on pages 226 thru 228. Also refer to the Materials Description Table on page 229 for a brief description and location of the various materials. Also included is a Materials Quantities Table on page 230. This table states whether the ACM is friable or 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 friable asbestos, and 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 231, 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 these permits shall be sent to the district office and the Engineer.

Added 2-26-13

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 2-26-13

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 Paragraph "Notifications".

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.

Added 2-26-13

B. Personnel Experience:

1. For Superintendent, the Contractor shall supply:
 - 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 friable and non-friable 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. Contained Work Areas for Removal of Friable Asbestos: Area samples shall be collected for the department within the work area daily. A minimum of one sample shall be taken outside of the abatement area removal operations. The Engineer will also have the option to require additional personal samples and/or clearance samples during this type of work.
- C. Interior Non-Friable Asbestos-Containing Materials: The Contractor shall perform personal air monitoring during removal of all nonfriable 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.
- D. Exterior Non-Friable Asbestos-Containing Materials: The Contractor shall perform personal air monitoring during removal of all nonfriable cementitious panels, piping, roofing felts, and built up roofing materials that contain asbestos.

Added 2-26-13

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

E. 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".
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 FRIABLE ASBESTOS, BUILDING NO.1: This work consists of the removal and disposal of all friable asbestos from the building(s) prior to demolition. The work shall be done according to the Special Provision titled "Asbestos Abatement (General Conditions)" and as outlined herein.

This work will be paid for at the contract unit price per lump sum for REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 1, as shown, which price shall include furnishing all labor, materials, equipment and services required to remove and dispose of the friable asbestos.

REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 1: 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. 1, 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 asbestos, friable and non-friable is removed first, shall be represented by the pay item "BUILDING REMOVAL NO. 1".

Regardless of the option chosen by the Contractor, this pay item will not be deleted, nor will the pay item BUILDING REMOVAL NO. 1 be deleted.

Attached are Appendixes A - D. These appendixes are examples of the information to be included in the proposal and referred to on page 3 of the Special Provision.

Appendix A are the sketches of the building(s) noted on page 1 of the Special Provision. These sketches show the location of asbestos on each floor of the building(s).

Appendix B provides a "Material Description Table" also referred to on page 3 of the Special Provision.

Appendix C is a "Material Quantities Table" and is referred to on page 3 of the Special Provision.

Appendix D is a sample of a Shipping Manifest form referred to on page 3.

Appendix E is a sample of the building(s) identification needed on page 1.

Added 2-26-13

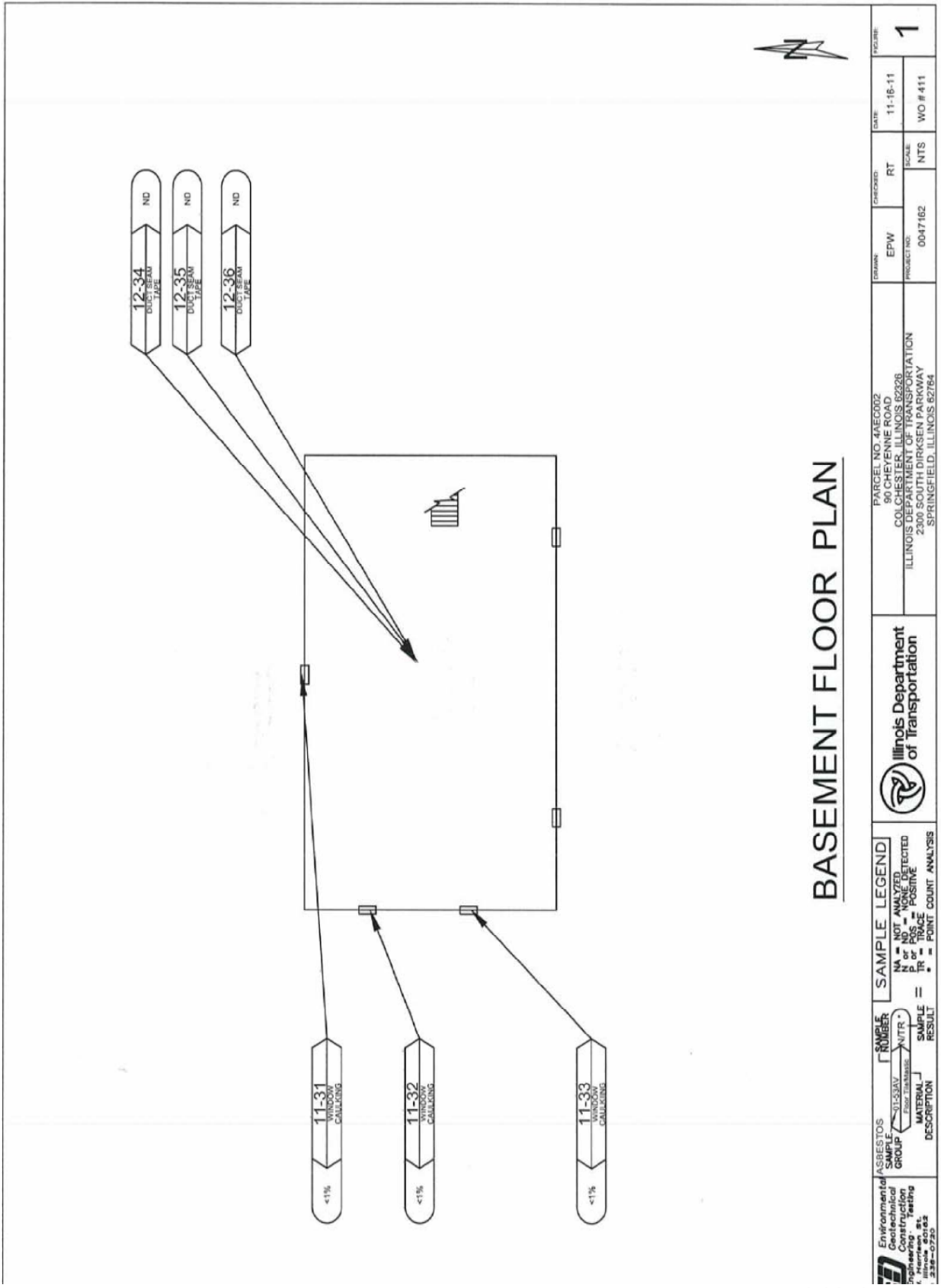
APPENDIX A

SKETCHES
(pgs. 226-228)

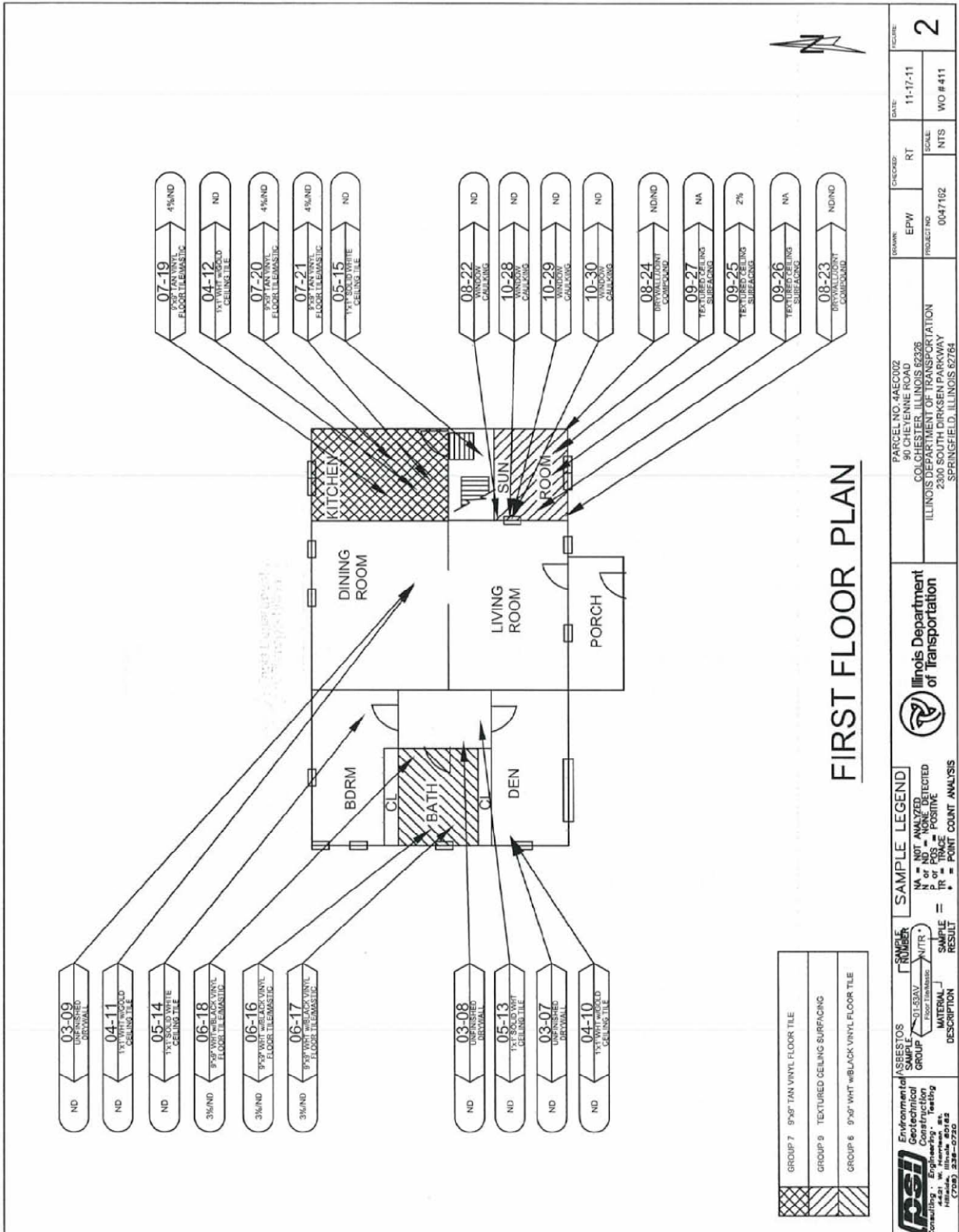
BUILDING NO. 1

Building No. 1 – Parcel No. 4AEC002
90 Cheyenne Road, Colchester, IL 62326

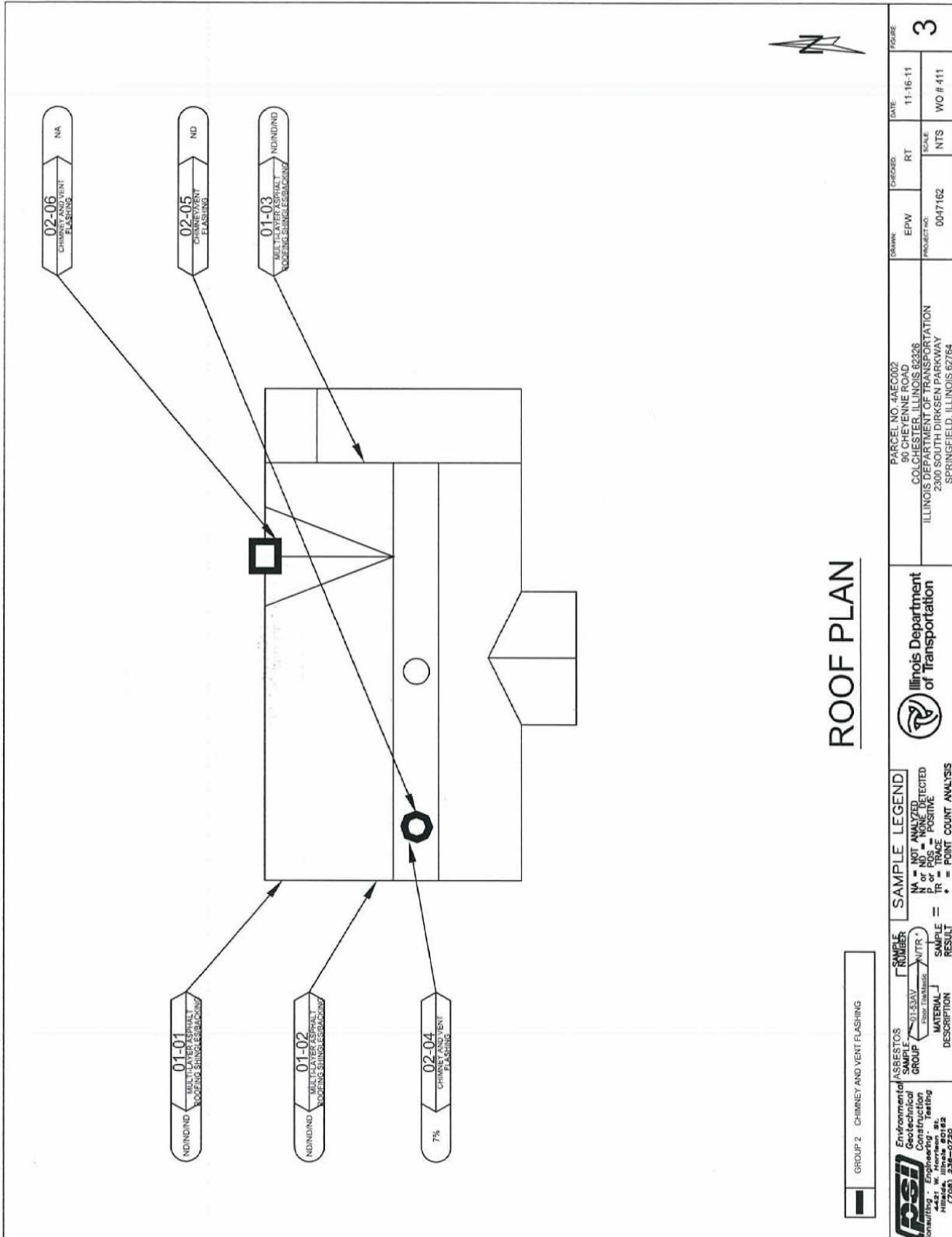
Added 2-26-13



Added 2-26-13



Added 2-26-13



ROOF PLAN

GROUP 2 CHIMNEY AND VENT FLASHING

Environmental Geotechnical Construction Consulting • Engineering • Testing Illinois, Illinois 60163 (708) 238-0720	SAMPLE NUMBER: NTR-1 SAMPLE DESCRIPTION: CHIMNEY AND VENT FLASHING	SAMPLE LEGEND: NA = NOT ANALYZED P or R = POSITIVE * = POINT COUNT ANALYSIS	Illinois Department of Transportation	PARCEL NO. 4AEC002 90 CHEYENNE ROAD COLCHESTER, ILLINOIS 62326 ILLINOIS DEPARTMENT OF TRANSPORTATION 2300 SOUTH DIRKSEN PARKWAY SPRINGFIELD, ILLINOIS 62764	DRAWN: EPW PROJECT NO: 00-07162	CHECKED: RT SCALE: NTS	DATE: 11-16-11 WO # 411	FIGURE: 3
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Added 2-26-13

APPENDIX B

MATERIAL DESCRIPTION TABLE

Material Description	% And Type Of Asbestos	Location, Description, Sample Number (If Applicable)
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I. Parcel No. 4AEC002: 90 Cheyenne Road, Colchester, IL 62326

<u>Material Description</u>	<u>% Type</u>	<u>Location, Description, Sample No.</u>
Black chimney and vent flashing	7% Chrysotile	House roof
9"x9" white with black streaks vinyl floor tile/mastic	3% (tile) Chrysotile	Restroom
9"x9" tan vinyl floor tile/mastic	4% (tile) Chrysotile	Kitchen
Textured ceiling material	2% Chrysotile	Sunroom

Added 2-26-13

APPENDIX C

MATERIAL QUANTITIES TABLE

The following are approximate quantities of ACM to be removed from the building indicated. These material quantities do not indicate the cleaning required to remove asbestos debris and resulting contamination from the work areas.

I. Parcel No. 4AEC002: 90 Cheyenne Road, Colchester, IL 62326

<u>Material</u>	<u>Floor</u>	<u>Quantity Present</u>	<u>Friable</u>
Black chimney and vent flashing	House roof	4 S.F.	No
9"x9" white with black streaks vinyl floor tile/mastic	Restroom	25 S.F.	No
9"x9" tan vinyl floor tile/mastic	Kitchen	140 S.F.	No
Textured ceiling material	Sunroom	80 S.F.	Yes

Added 2-26-13

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 ³	(Yd ³)
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

Added 2-26-13

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.

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.

Added 2-26-13

APPENDIX E

<u>Bldg. No.</u>	<u>Parcel No.</u>	<u>Location</u>	<u>Description</u>
1	4AEC002	90 Cheyenne Road Colchester, IL 62326	One-story wood structure with basement and an asphalt shingled roof.

Added 2-26-13