



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

October 30, 2006

SUBJECT: FAP Route 646 (II 40)
Project ACF-0646 (063)
Section (Y) W-1, RS-3
Peoria County
Contract No. 88548
Item No. 69, November 17, 2006 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. Revised page 1 and 11 of the Schedule of Prices.
2. Revised page i and iv of the Table of Contents to the Special Provisions.
3. Revised page 12 of the Special Provisions.
4. Added pages 146 - 165 to the Special Provisions.
5. Revised sheet 6 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,

Michael L. Hine
Engineer of Design
and Environment

A handwritten signature in black ink, appearing to read 'Ted B. Walschleger' followed by a small 'P.E.' monogram.

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

cc: J. E. Crowe, Region 3, District 4; Roger Driskell; Estimates; Design & Environment File

TBW:RS:jc

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

88548

State Job # - C-94-101-94
 PPS NBR - 4-01380-0300
 County Name - PEORIA- -
 Code - 143 - -
 District - 4 - -
 Section Number - (Y)W-1,RS-3

Project Number
 ACF-0646/063/

Route
 FAP 646

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
* A2002816	T-CATALPA SPEC 2	EACH	21.000				
* A2002916	T-CELTIS OCCID 2	EACH	15.000				
* A2005016	T-GYMNOCLA DIO 2	EACH	52.000				
* A2006516	T-QUERCUS BICOL 2	EACH	8.000				
* B2001164	T-CERCIS CAN CL 5'	EACH	10.000				
MX032057	STORM SEWER REMOVAL	METER	265.000				
MX032922	ELCBL C GND 6 1C	METER	173.000				
MX033695	SAN PVC SDR26 200<1.8	METER	41.000				
MX033696	SAN P S26 200 1.8-2.4	METER	48.000				
MX033697	SAN P S26 200 2.4-3.0	METER	15.000				
MX033698	SAN P S26 200 3.0-3.6	METER	7.000				
MX033699	SAN P S26 200 3.6-4.5	METER	58.000				
MX033700	SAN PVC SDR26 200>4.5	METER	28.000				
MX033701	SAN S DI 200 <1.8 DP	METER	8.000				
MX033702	SAN S DI 200 1.8-2.4D	METER	21.000				
MX033703	SAN S DI 200 3.6-4.5D	METER	6.000				
MX033704	MAN A 1.2D W/FR & LID	EACH	6.000				
MX033705	DEFLECTION TESTING	METER	198.000				
MX033706	ADD DEPTH OF MANHOLES	METER	4.000				
MX033707	SERVICE LATERAL 150MM	METER	82.000				
* REVISED : OCTOBER 27, 2006							

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

88548

State Job # - C-94-101-94
 PPS NBR - 4-01380-0300
 County Name - PEORIA- -
 Code - 143 - -
 District - 4 - -
 Section Number - (Y)W-1,RS-3

Project Number
 ACF-0646/063/

Route
 FAP 646

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X8800035	SH LED 1F 3S BM	EACH	1.000				
X8800036	SH LED 1F 4S 1DI MAM	EACH	2.000				
X8800040	SH LED 1F 5S BM	EACH	4.000				
X8800045	SH LED 1F 5S MAM	EACH	1.000				
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				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
* Z0049901	R&D NON-FR ASB BLD 1	L SUM	1.000				
Z0076600	TRAINEES	HOUR	500.000		0.800		400.000
28000300	TEMP DITCH CHECKS	EACH	110.000				
28000500	INLET & PIPE PROTECT	EACH	70.000				
40702700	FURNISH PROFILOGRAPH	L SUM	1.000				
50104400	CONC HDWL REM	EACH	6.000				
60100060	CONC HDWL FOR P DRAIN	EACH	32.000				
60241800	INLETS TG-1	EACH	22.000				
* REVISED : OCTOBER 27, 2006							

TABLE OF CONTENTS

LOCATION OF PROJECT	1
DESCRIPTION OF PROJECT	1
DATE OF COMPLETION (PLUS WORKING DAYS)	1
PIPE UNDERDRAIN	2
EMBANKMENT (RESTRICTIONS)	2
EMBANKMENT	3
PROOF ROLLING.....	3
SUBGRADE TREATMENT	3
SUBBASE GRANULAR MATERIAL	4
BITUMINOUS BASE COURSE 200 MM & 260 MM.....	4
BITUMINOUS BASE COURSE WIDENING	4
PLACEMENT OF BITUMINOUS SURFACE COURSES	4
PAVEMENT DRAINAGE AFTER COLD MILLING	5
CLASS (*) PATCHES, TYPE (**), (***) MM	5
REFLECTIVE CRACK CONTROL TREATMENT.....	5
BITUMINOUS SHOULDER RESURFACING CONSTRUCTED SIMULTANEOUSLY WITH MAINLINE PAVING.....	6
INLETS, TYPE G-1	6
TRAFFIC CONTROL PLAN	7
SPEEDING PENALTY	7
PROSECUTION AND PROGRESS.....	7
SUBGRADE TREATMENT	8
EMBANKMENT	8
BITUMINOUS SHOULDER REMOVAL.....	8
BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)	9
CONCRETE HEADWALL REMOVAL	9
PIPE CULVERT REMOVAL.....	9
STORM SEWER REMOVAL	10
REMOVE EXISTING CULVERTS	10
REMOVE EXISTING CONCRETE FOUNDATION.....	11
FENCE REMOVAL	11
BACKFILL-PIPE CULVERTS.....	11
CLASS D PATCHES.....	12
BUILDING REMOVAL NO. 2	12
BUILDING REMOVAL NO. 3	13
BACKFILL, BUILDING REMOVAL	13

REVISED 10/30/2006

PREFORMED RECYCLED RUBBER JOINT FILLER (BDE).....	90
RAP FOR USE IN BITUMINOUS CONCRETE MIXTURES (BDE).....	90
REINFORCEMENT BARS (BDE)	93
SEEDING AND SODDING (BDE).....	95
SELF-CONSOLIDATING CONCRETE FOR PRECAST PRODUCTS (BDE).....	98
STABILIZED SUBBASE AND BITUMINOUS SHOULDERS SUPERPAVE (BDE).....	100
SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE)	105
SUBGRADE PREPARATION (BDE)	106
SUPERPAVE BITUMINOUS CONCRETE MIXTURES (BDE).....	106
TEMPORARY EROSION CONTROL (BDE)	112
TRAFFIC CONTROL DEFICIENCY DEDUCTION (BDE)	113
TRAFFIC SIGNAL GROUNDING (BDE)	114
TRAINING SPECIAL PROVISIONS	115
TRANSIENT VOLTAGE SURGE SUPPRESSION (BDE).....	117
TRUCK BED RELEASE AGENT (BDE)	118
WEIGHT CONTROL DEFICIENCY DEDUCTION.....	119
WORK ZONE TRAFFIC CONTROL DEVICES (BDE)	120
STEEL COST ADJUSTMENT (BDE) (RETURN WITH BID).....	121
STORM WATER POLLUTION PREVENTION PLAN.....	126
STATUS OF UTILITIES TO BE ADJUSTED	134
BITUMINOUS MATERIALS COST ADJUSTMENTS (BDE) (RETURN FORM WITH BID).....	146
PLANTING WOODY PLANTS (BDE)	149
RODENT EXTERMINATION	150
BUILDING REMOVAL - CASE II (NON-FRIABLE ASBESTOS ABATEMENT) (BDE).....	150

REVISED 10/30/2006

CLASS D PATCHES

This work consists of pavement patching and shall be done in accordance with Section 442 of the Standard Specifications, except as specified herein.

Patching Required for Culvert Work Under Illinois Route 40

The following describes the existing pavement structure of Illinois Route 40 at Station 13+768 and Station 15+761 where Class D Patches are required for culvert work:

	<u>Station 13+768</u>	<u>Station 15+761</u>
Original Pavement:	5.49 m side (18') concrete	5.49 m wide (18') concrete
Widened To:	Several times to the existing ±21 m (69')	6.71 m (22') concrete
Resurfacing:	Varies from 0 to 4 times 0 to ±230 mm (9") total	4 times Total thickness 230 mm (±9")
Bituminous Shoulder:	1-1.83 m (6') & 1-1.22 m (4')	2-460 mm (18")

After the removal of the existing culvert and placing the proposed culvert, the trench shall be backfilled with Trench Backfill up to the bottom of the proposed 300 mm patch. Trench Backfill will be measured and paid for separately.

Delete the second and third paragraphs of Article 442.10, METHOD OF MEASUREMENT.

Add the following to the first paragraph of Article 442.10:

“Measurement of the pavement removal and replacement will be based upon the total surface width of the “pavement” which includes the bituminous shoulders.”

BUILDING REMOVAL NO. 2

This work consists of the complete removal and disposal of the concrete slab/foundations at Station 13+869±. Also included is the removal and disposal of concrete foundations to at least 300 mm below the proposed ground surface elevation.

This work will be paid for at the contract unit price Lump Sum for the BUILDING REMOVAL NO. 2

Revised 10/30/2006

BITUMINOUS MATERIALS COST ADJUSTMENTS (BDE) (RETURN FORM WITH BID)

Effective: November 2, 2006

Revised: January 2, 2007

Description. For projects with at least 1200 tons (1100 metric tons) of work involving applicable bituminous materials, cost adjustments will be made to provide additional compensation to the Contractor, or credit to the Department, for fluctuations in the cost of bituminous materials when optioned by the Contractor. The adjustments shall apply to permanent and temporary hot-mix asphalt (HMA) mixtures, bituminous surface treatments (cover and seal coats), and pavement preservation type surface treatments. The adjustments shall not apply to bituminous prime coats, tack coats, crack filling/sealing, or joint filling/sealing.

The bidder shall indicate on the attached form whether or not this special provision will be part of the contract and submit the completed form with his/her bid. Failure to submit the form, or failure to fill out the form completely, shall make this contract exempt of bituminous materials cost adjustments.

Method of Adjustment. Bituminous materials cost adjustments will be computed as follows.

$$CA = (BPI_P - BPI_L) \times (\%AC_V / 100) \times Q$$

Where: CA = Cost Adjustment, \$.

BPI_P = Bituminous Price Index, as published by the Department for the month the work is performed, \$/ton (\$/metric ton).

BPI_L = Bituminous Price Index, as published by the Department for the month prior to the letting, \$/ton (\$/metric ton).

%AC_V = Percent of virgin Asphalt Cement in the Quantity being adjusted. For HMA mixtures, the % AC_V will be determined from the adjusted job mix formula. For bituminous materials applied, a performance graded or cutback asphalt will be considered to be 100% AC_V and undiluted emulsified asphalt will be considered to be 65% AC_V.

Q = Authorized construction Quantity, tons (metric tons) (see below).

For HMA mixtures measured in square yards: $Q, \text{ tons} = A \times D \times (G_{mb} \times 46.8) / 2000$. For HMA mixtures measured in square meters: $Q, \text{ metric tons} = A \times D \times (G_{mb} \times 24.99) / 1000$. When computing adjustments for full-depth HMA pavement, separate calculations will be made for the binder and surface courses to account for their different G_{mb} and % AC_V.

For bituminous materials measured in gallons: $Q, \text{ tons} = V \times 8.33 \text{ lb/gal} \times SG / 2000$

For bituminous materials measured in liters: $Q, \text{ metric tons} = V \times 1.0 \text{ kg/L} \times SG / 1000$

Added 10/30/2006

Where: A = Area of the HMA mixture, sq yd (sq m).
D = Depth of the HMA mixture, in. (mm).
G_{mb} = Average bulk specific gravity of the mixture, from the approved mix design.
V = Volume of the bituminous material, gal (L).
SG = Specific Gravity of bituminous material as shown on the bill of lading.

Basis of Payment. Bituminous materials cost adjustments may be positive or negative but will only be made when there is a difference between the BPI_L and BPI_P in excess of five percent, as calculated by:

$$\text{Percent Difference} = \{(BPI_L - BPI_P) \div BPI_L\} \times 100$$

Bituminous materials cost adjustments will be calculated for each calendar month in which applicable bituminous material is placed; and will be paid or deducted when all other contract requirements for the items of work are satisfied. The adjustments shall not apply during contract time subject to liquidated damages for completion of the entire contract.

Added 10/30/2006

Return With Bid

**ILLINOIS DEPARTMENT
OF TRANSPORTATION**

**OPTION FOR
BITUMINOUS MATERIALS COST ADJUSTMENTS**

The bidder shall submit this completed form with his/her bid. Failure to submit the form, or failure to fill out the form completely, shall make this contract exempt of bituminous materials cost adjustments. After award, this form, when submitted, shall become part of the contract.

Contract No.: _____

Company Name: _____

Contractor's Option:

Is your company opting to include this special provision as part of the contract?

Yes No

Signature: _____ **Date:** _____

Added 10/30/2006

PLANTING WOODY PLANTS (BDE)

Effective: January 1, 2006

Revise the first and second paragraphs of Article 253.14 of the Standard Specifications to read:

“253.14 Period of Establishment. Prior to being accepted, the plants shall endure a period of establishment. This period shall begin in June and end in September of the same year. To qualify for inspection, plants shall have been in place, in a live healthy condition, on or before June 1 of the year of inspection. To be acceptable, plants shall be in a live healthy condition, representative of their species, at the time of inspection in the month of September.

When the planting work is performed by a subcontractor, this delay in inspection and acceptance of plants shall not delay acceptance of the entire project and final payment due if the Contractor requires and receives from the subcontractor a third party performance bond naming the Department as obligee in the full amount of the planting quantities listed in the contract, multiplied by their contract unit prices. The bond shall be executed prior to acceptance and final payment of the non-planting items and shall be in full force and effect until final inspection and acceptance of all plants including replacements. Execution of the third party bond shall be the option of the prime Contractor.”

Revise Article 253.16 of the Standard Specifications to read:

“253.16 Method of Measurement. This work will be measured for final payment, in place, after the period of establishment. Trees, shrubs, and vines will be measured as each individual plant. Seedlings will be measured in units of 100 plants.”

Revise Article 253.17 of the Standard Specifications to read:

“253.17 Basis of Payment. This work will be paid for at the contract unit price per each for TREES, SHRUBS, and VINES, of the species, root type, and plant size specified; and per unit for SEEDLINGS. Payment will be made according to the following schedule.

- (a) Initial Payment. Upon planting, 75 percent of the pay item(s) will be paid.
- (b) Final Payment. Upon inspection and acceptance of the plant material, or upon execution of a third party bond, the remaining 25 percent of the pay item(s) will be paid.”

Added 10/30/2006

RODENT EXTERMINATION

This work under this special provision consists of the extermination of rodents in and around the building prior to demolition. This work shall be performed by an Illinois licensed exterminator at least three (3) weeks in advance of beginning asbestos removal.

The cost of rodent extermination will not be paid for separately, but shall be included in the price per lump sum of BUILDING REMOVAL 1. Clean-up will be to the satisfaction of the Engineer.

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

Effective: September 1, 1990

Revised: January 1, 2007

BUILDING REMOVAL: This work shall consist of the removal and disposal of one (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	422G037	10023 North Knoxville Avenue Peoria, IL 61615	1,792 sq. ft. ranch style residence. The exterior of the house is aluminum siding and the foundation is concrete block. The roof has composition shingles and there are aluminum gutters and downspouts. The windows are double hung. There is no basement as the house is constructed on a crawl space. The interior walls are plaster and there is some paneling. Floor coverings consist of vinyl and carpet. There is a patio and an in-ground pool.

Discontinuance of Utilities: The Contractor shall arrange for the discontinuance of all utility services 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:

Added 10/30/2006

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. 1" contained herein.

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. BUILDING REMOVAL NO. 1
2. 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 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. 1," and as outlined herein.

Added 10/30/2006

Sketches indicating the location of Asbestos Containing Material (ACM) are included in the proposal on **pages _____ thru _____**. Also refer to the Materials Description Table on page _____ for a brief description and location of the various materials. Also included is a Materials Quantities Table on page _____. 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 _____, 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.

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.

Added 10/30/2006

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.
 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.

Added 10/30/2006

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:
 - 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.

Added 10/30/2006

- 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".
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. 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:

Added 10/30/2006

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. _".

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.

Added 10/30/2006

APPENDIX A

BUILDING DRAWINGS – ASBESTOS LOCATIONS

INDEX OF DRAWINGS

Building No. 1	Figures 1 – 2
-----------------------	----------------------

Added 10/30/2006

APPENDIX B

MATERIAL DESCRIPTION TABLE

Material Description	% And Type Of Asbestos	Location, Description, Sample Number (If Applicable)
----------------------	------------------------	--

Building No. 1: 10023 North Knoxville Avenue, Peoria, Illinois 61615

<u>Material Description</u>	<u>Percent of Chrysolite</u>	<u>Location, Condition & Sample No.</u>
Transite panel	20% Chrysolite	Above restroom ceiling, Fair. Sample No. 6-19
Multi-layer vinyl floor:		Kitchen below wood flooring, Fair. Sample No. 9-28, 9-29 & 9-30
• Tile	3% Chrysolite	
• Mastic	3% Chrysolite	
• Vinyl sheet flooring	10% Chrysolite	

Added 10/30/2006

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 removing asbestos debris and resulting contamination from the work areas.

Building No 1: 10023 North Knoxville Avenue, Peoria, Illinois 61615.

<u>Material</u>	<u>Floor</u>	<u>Quantity Present</u>	<u>Friable</u>
Transite panel	Restroom	48 sq. ft.	No
Multi-layer vinyl floor: Tile, mastic and vinyl sheet flooring	Kitchen	190 sq. ft.	No

Added 10/30/2006

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 10/30/2006

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.

Added 10/30/2006

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 non-asbestos 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.

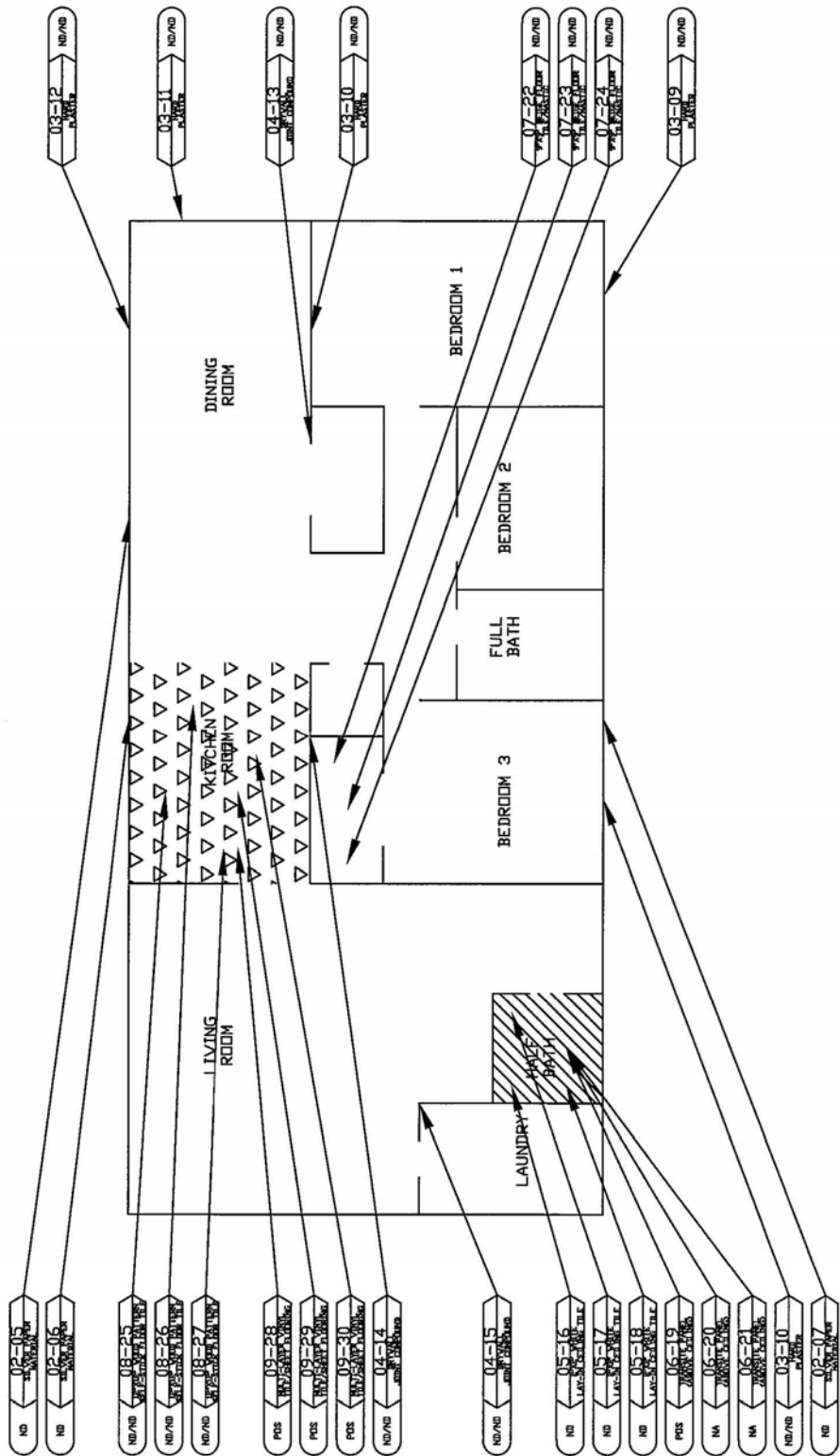
Added 10/30/2006

APPENDIX E

Building No. 1: 10023 North Knoxville Avenue, Peoria, Illinois 61615

<u>Bldg. No.</u>	<u>Parcel No.</u>	<u>Location</u>	<u>Description</u>
1	422G037	10023 N. Knoxville Ave. Peoria, IL 8 61615	<p>1,792 sq. ft. ranch style residence. The exterior of the house is aluminum siding and the foundation is concrete block.</p> <p>The roof has composition shingles and there are aluminum gutters and downspouts. The windows are double hung.</p> <p>There is no basement as the house is constructed on a crawl space. The interior walls are plaster and there is some paneling. Floor coverings consist of vinyl and carpet. There is a patio and an in-ground pool.</p>

Added 10/30/2006

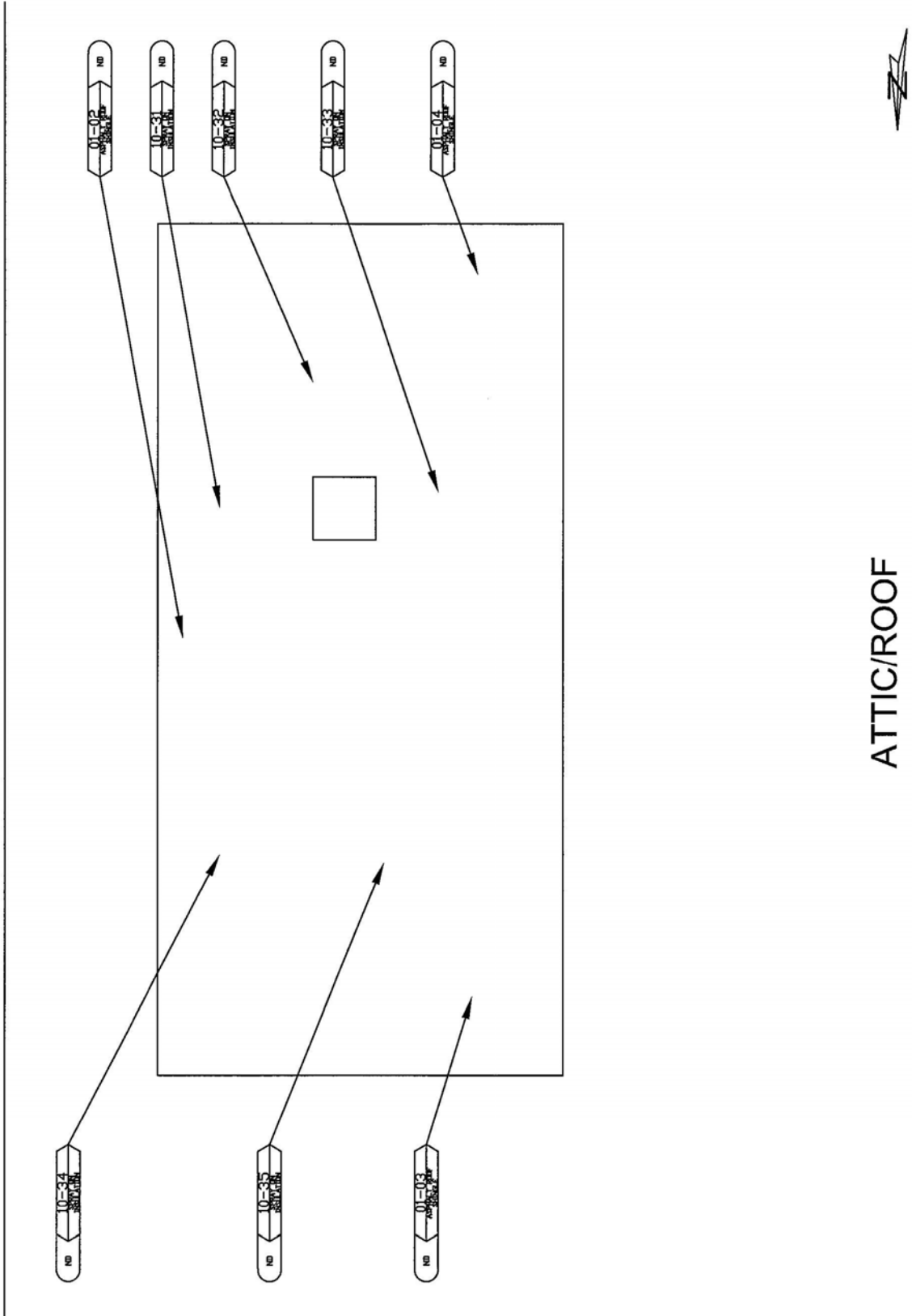


FIRST FLOOR

	GROUP 6) TRANSITE PANEL
	GROUP 9) MULTI-LAYER TILE/SHEET FLOORING

 Environmental Geotechnical Construction Consulting - Engineering Peoria, Illinois 61604 (309) 234-0780	SAMPLE LEGEND NA = NOT ANALYZED ND = NONE DETECTED POS = POSITIVE TR = TRACE	SAMPLE NUMBER (e.g., 02-05)	LEAD RESULT (e.g., ND)	PARCEL NO. 4220037 10023 NORTH KNOXVILLE PEORIA, ILLINOIS 61615 ILLINOIS DEPARTMENT OF TRANSPORTATION 2300 SOUTH DIRKSEN PARKWAY SPRINGFIELD, ILLINOIS 62764	DRAWN GS PROJECT NO. 047234 SA163 234	CHECKED MT DATE 10-2-06	SCALE NTS	FIGURE 1
	ASBESTOS SAMPLE GROUP (e.g., 02-05)	SAMPLE DESCRIPTION (e.g., TRANSITE PANEL)	SAMPLE NUMBER (e.g., 02-05)	LEAD RESULT (e.g., ND)	DATE 10-2-06	PROJECT NO. 047234 SA163 234	SCALE NTS	FIGURE 1

Added 10/30/2006



ATTIC/ROOF

Environmental Consulting • Engineering Construction Testing Peoria, Illinois 61615 (309) 234-0790	ASBESTOS SAMPLE GROUP	SAMPLE NUMBER 10-34 01-02 10-31 10-32 10-33 01-04	SAMPLE LEGEND NA = NOT ANALYZED P = POSITIVE TR = TRACE	LEAD SAMPLE NUMBER 10-34 01-02 10-31 10-32 10-33 01-04	DATE 10-2-06	CHECKED MT	DRAWN GS	PROJECT 047-5A163	SCALE NTS	FIGURE 2
	PARCEL NO. 4220037 10023 NORTH KNOXVILLE PEORIA, ILLINOIS 61615 ILLINOIS DEPARTMENT OF TRANSPORTATION 2300 SOUTH DIRKSEN PARKWAY SPRINGFIELD, ILLINOIS 62764		SAMPLE RESULT P TR		SAMPLE RESULT NEG POS		PROJECT 047-5A163		SCALE NTS	

Added 10/30/2006