March 28, 2012

INDOT LABORATORY QUALIFICATION REQUIREMENT

A Geotechnical Testing Laboratory wish to be on "INDOT Approved Laboratory List" is required to meet the following :-

The Laboratory must have an accreditation of the test procedures mentioned here prior to apply for INDOT approval.

The Laboratory must pass one time inspection of the facility, equipment and testing ability of the technician by an INDOT Office of Geotechnical Services representative**.**

The laboratory shall use testing equipment that meets the requirement of each test procedure perform in the laboratory. Testing equipment shall be calibrated in accordance with the test procedure mentioned in appropriate sections of AASHTO R-18.

The Laboratory shall be capable of performing soils testing in accordance with standard AASHTO test procedures.

AASHTO Designation and Title for Laboratory Test Procedures

AASHTO Designation	TITLE
T 11-05	*Materials Finer than 75µ (No.200)*
T 27-06	*Sieve Analysis of Fine and Coarse Aggregates*
T 87-86 (2000)	*Dry Preparation of Disturbed Soil and Soil Aggregate Sample for Test*
T 88-00	*Particle Analysis of Soil*
T 89-02	*Determining the Liquid Limit of Soil*
T 90-00	*Determining the Plastic Limit and Plastic Index of Soil*
T 99-01	*Moisture Density Relation of Soils Using a 2.5-kg (5.5 lb) Rammer and a 305-mm (12-inch) drop.*
T 100-01	*Specific- Gravity of Soils*
T 208-96 (2000)	*Unconfined Compressive Strength of Cohesive Soil*
*T 215-70 (1990)	*Permeability of Granular Soil (Constant Head) (Optional)*
*T 216-02	*One Dimensional Consolidation properties of Soil*
T 265-93 (2000)	*Laboratory Determination of Moisture Content of Soil*
*T 296-95 (2000)	*Unconsolidated, Undrained Compressive Strength of Cohesive Soils*
*T 297-94 (2000)	*Consolidated, Undrained Triaxial Compressive Test on Cohesive Soils*

NOTE :

***These tests may be deferred to the new applicants for a period of five years; subsequently these tests must be accredited by the AMRL.**

In addition, the laboratory shall demonstrate proficiency in the following AASHTO designation tests:

AASHTO T 267	***Determination of Organic Content in Soils by Loss on Ignition***
AASHTO T 289	***Determining pH of Soil for use in Corrosion Testing***
AASHTO T 193	***The California Bearing Ratio (CBR)***

Geotechnical Laboratory must provide to the INDOT, Office of Geotechnical Services:-

- A copy of most recent AMRL Assessment.
- A copy of Corrective Action Report (CAR), addressing to deficiency reported during the AMRL Assessment.

PROFICIENCEY TESTING

Geotechnical Testing Laboratories accredited by AMRL are also required to participate in the Proficiency Testing Program (PSP) administered by the AASHTO Reference Materials every year.

In order for a laboratory to be on an approved list of INDOT, participation in the AMRL Soil Proficiency Sampling Program (PSP) of the following is mandatory.

Soil Classification and Compaction
Fine Aggregate
Coarse Aggregate

NOTE:

The Laboratory must participate in all rounds of (PSP) samples offered each year by the AMRL. If a laboratory's results are deemed outliers or unacceptable (ratings of “0,” “1,” or “2” for the above programs), the laboratory shall promptly investigate and determine the cause(s) for such unacceptable results, correct any problems identified, and report to the INDOT Office of Geotechnical Services.

For more information please contact:-

Indiana Department of Transportation
Office of Geotechnical Services
120 South Shortridge Road
Indianapolis, IN 46219

INDOT APPROVED LABORATORIES FOR 2012

Lab No.	*Consultants / Contacts*	*Street Address / Email Address*	*Telephone Number Fax Number*
3765	**AEI American Engineers Inc.** Dennis Mitchell Brad High*	65 Aberdeen Drive Glasgow, KY 42141	Tel: 270-651-7220 Fax: 270-651-3246
		Email: dmitchell@aei.com	
519	**AMEC** Tony Oberhausen*	13425 East Point centre Drive suite 122 Louisville, 40223 KY	Tel: 502-253-02500
		Email:caoberhausen@mactec.com	
3441	**Alt & Witzig Engineering, Inc.** Mr. W. Witzig Mr. Thomas J. Coffey Mr. David C. Harness* Mr. Duane Decker	4105 W. 99th St. Carmel, IN 46032	Tel: *317-875-7040 (875-7000) Fax: *317-870-0314
		Email: tcoffey@altwizig.com Email: dharness@altwitzig.com	
1008	**ATC Associates** Mr. Dave Warder Mr. Gordon Pickett* Mr. Tom Struewing Mr. Shawn Marcum/ Mr.D. Bird Mr. D. Latka Mr. D Mcllwaine	7988 Centerpoint Dr. Suite 100 Indianapolis, IN 46256-3345	Tel:* 317-849-4990 Fax: *317-849-4278
		Email: pickett86@atc-enviro.com Email: tom.struewing@atcassociates.com	
3294	**S&ME, Inc. (BBCM)** ** Mr. John D. Jenkins*	6190 Enterprise Court Dublin, OH 43016	Tel: 614-793-2226 Fax: 614-793-2410
		Email: jjenkins@smeinc.com	
273	**Bowser-Morner, Inc.** Mr. R. Tseng Mr. Mark Bingman*	4518 Taylorsville Road Dayton, OH 45401-0051	Tel: 937-236-8805 Fax: 937-233-2016
		Email: jfletcher@bowser-morner.com Email: mbingmanr@bowser-morner.com	
4217	**CTL Engineering, Inc.** Mr. K. Satyapriva Mr. A. Karaki* Mr. K. Rush Mr. Fred Scheon	4343 Saguaro Trail Indianapolis, IN 46268	Tel: 317-295-8650 Fax: 317-295-8395
		Email: akaraki@ctleng.com	
1451	**Chicago Testing Lab, Inc.** Mr. Christopher Chan*	30 W 114 Butterfield Road Warrenville IL 60555.	Tel: 630-393-2851 Fax: 630-393-2857
		Email: cchan@chicagotestinglab.com	

Lab No.	*Consultants / Contacts*	*Street Address / Email Address*	*Telephone Number Fax Number*
3217	**DLZ Ohio, Inc.** Mr. Arthur Nix Mr. Barry Wong* Mr. Eric Tse Mr. Steven Pelto	6121 Huntley Road Columbus OH 45458-1864	Tel: 614-888-0040 Fax: 614-848-6712
		Email: bwong@dlz.com	
3466	**Earth Exploration Inc.** Mr. S. Ludlow Mr. Kirk Egold* Mr.D. Pleiman / Mr. K. Miller Mr. R. Olson/ Mr. C. Bradburn Mr. S. Roosa/ Mr. M. Wigger	7770 W. New York Street , Indianapolis. IN 46214-2988	Tel: *317-273-1690 Fax: *317-273-2250
		Email: kegold@earthengr.com	
1328	**F & H-Consulting Engineers** Shannon Provance*	2550 Irvin Cobb Drive Paducah, KY 42003	Tel: 270-444-9691 Fax: 270-443-3943
		Email: sprovance@flohut.com	
4867	**GeoSolutions, Inc.** Skanda Skandar**a**jah*	8275 Indy Ct. Indianapolis, IN 46214	Tel: 317-273-0070 Fax: 317 273-0070
		Email: Skandaraj@aol.com	
4407	**GME Testing** Mr. Rami Anabtawi* Mr. Robert Mcmichael Mr. Joshua Anderson	3517 Focus Drive Fort Wayne, IN 46818	Tel: 260-497-8127 Fax: 260-497-0826
		Email: rami@gmetesting.com	
63	**H.C. Nutting** Mr. S. Srinvasan Mr. Tim G. Goodall* Mr. S. Glib / Mr. J. Dunlap Mr. Peter Chou / Mr. A. Muck Mr. J. Smithson Mr. Jerome Kenkel	611 Lunken Park Dr. Cincinnati, OH 45226	Tel: *513-321-5816 Fax: *513-321-4540
		Email: szhou@hcnutting.com Email: TGoodall@hcnutting.com	
3734	**K & S Engineers, Inc.** Mr. Dibakar Sundi Mr. Annaji Chillarige* Mr. David Lewandoski Mr. Firooz Zandi*^ Mr. Richard Ballard^	9715 Kennedy Ave. Highland, IN 46322 161 Gars Tang Street Beach Grove IN 46107	Tel: *219-924-5231 Fax: *219-924-5271 Tel: ^317-781-1940 Fax: ^317-781-1942
		Email: ksengineers1984@aol.com	
3821	**Patriot Engineering** Mr. William Dubois Mr. T. Tyler/ Mr. R. Johnson Mr. S. Smith/ Mr. Salimudden Mr. R.Spivey / Mr. J. Wang Ms. Emily Gwaltney Mr. G. Komisarek Mr. Wesley J.Hemp Ms. Rachel Eilen*	6330 E. 75th St. Suite 216 Indianapolis, IN 46250-2700	Tel: 317-576-8058 Fax: 317-576-1965
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3387	**S&ME, Inc.** Mr. William A. Leak*	422 Codell Drive Lexington KY 40509	Tel: 859-293-5518 Fax: 859-299-2481
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Lab No.	*Consultants / Contacts*	*Street Address / Email Address*	*Telephone Number Fax Number*
724	**SME, Inc.** Mr. Robert Rabeler Ms. Susan Brown*	The Kramer Building 43980 Plymouth Oaks Blv. Plymouth, Michigan 48170	Tel: 734-454-9900 Fax: 734-454-0629
		Email: Brown@sme-usa.com	
1329	**Stantec Consulting Services, Inc.** Mr. Terry Kephart*	1409 North Forbes Road, Lexington, Kentucky 40511	Tel: 859-422-3058 Fax:859-422-3058
		Terry.kephart@stantec.com	
1036	**Resource International Inc.** Mr. Kamran Majidzadeh Mr. Jonathan Sterenberg* Mr. Karl Barghauer	6350 Presidential Gateway Columbus, OH 43231	Tel: 614-823-4949 Fax: 614-823-4990
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3413	**Testech, Inc.** Mr. Paul Oduroh Ms. Sheila Sennet*	8534 Yankee St. Dayton, OH 45458	Tel: 937-435-3200 Fax: 937-291-6549
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1705	**Thelen Associates, Inc.** Ms. Nancy Goins	1398 Cox Avenue Erlanger, KY 41018	Tel: 513-825-4350 Fax: 513-825-4756
		Email: ngoins@thelenassoc.com Email: www.theleneassoc.com	
445	**TTL Associates, Inc.** Mr. Curtis Roupe*	1915 N 12th Street Toledo, OH 43604-1302	Tel: 419-324-2222 Fax: 419-241-1808
		Email: croupe@ttlassoc.com	
3818	**Wang Engineering, Inc.** Dr. Jerry Wang Mr. M.Snider Ms.K. Thakkar / Ms.C.Farez Ms. E. Polena/ Mr. M. Popescu Ms. Mayra Delosreyes*	1145 North Main Street Lombard, IL 60148	Tel: 630-953-9928 Fax: 630-953-9938
		Email: wangeng@waneng.com	
3266	**Weaver Boos Consultants** Ms. Linda Laffin Mr. Christopher Bosy Mr. John Warner*	4085 Meghan Beeler Court South Bend, IN 46628	Tel: *574-271-3447 Fax: *574-271-3343
		Email: jwarner@weaverboos.com	

SPECIALITY CONSULTANT

	GRL Engineers, Inc. ***Dynamic Measurements and Analyses*** ***Mr. Pat Hannigan*** ***Mr. Mark Rawlings*** ***Mr. Travis Coleman***	***1540 E. Dundee Road, Suite 108*** ***Palatine, IL 60074***	***Tel:*** ***847-221-2750*** ***Fax:*** ***847-221-2752***
		Email: GRL-IL@pile.com	

***** Soil Laboratory Manager/ Phone & Fax numbers

**** S&ME, Inc. (BBCM)** Laboratory approved status with INDOT has been suspended due to the non-compliance.