



**NORTH CAROLINA BOARD OF EXAMINERS
FOR ENGINEERS AND SURVEYORS**

4601 Six Forks Rd Suite 310
Raleigh, North Carolina 27609

April 25, 2017

Richard M. Benton, PLS
Chair

Linda A. Thurman, Public
Vice-Chair

Stacey A. Smith, PE
Secretary

Jonathan S. Care, Public
Carl M. Ellington, Jr., PE
John M. Logsdon, PLS
David L. Pond, PE
Bobbie Shields, PE
Andrew G. Zoutewelle, PLS

Andrew L. Ritter
Executive Director

The Honorable Roy Cooper
Governor of North Carolina
20301 Mail Service Center
Raleigh, North Carolina 27699-0301

Dear Governor Cooper:

Section 89C-12 of the General Statutes requires that the North Carolina Board of Examiners for Engineers and Surveyors report to you its transactions for the preceding year.

The summary report of transactions and activities for the Board Fiscal Year 2016 (December 1, 2015 – November 30, 2016) has been prepared and is enclosed for your information and review.

The audit is in the process of being prepared by Bernard Robinson & Company, LLP and will be sent under separate cover.

For the Board

Andrew L. Ritter
Executive Director

ALR/sd

CERTIFIED MAIL – Return Receipt Requested

cc: Secretary of State Elaine F. Marshall
Mr. Joseph Harrison Moore, Jr., Legislative Research Assistant



NORTH CAROLINA BOARD OF EXAMINERS FOR ENGINEERS AND SURVEYORS

2016 ANNUAL REPORT

TO

**THE HONORABLE ROY COOPER
THE GOVERNOR OF NORTH CAROLINA**

REPORT TO THE GOVERNOR

THE HONORABLE ROY COOPER
GOVERNOR OF NORTH CAROLINA

Presented April 25, 2017

Report of proceedings and activities of the

North Carolina Board of Examiners

for

Engineers and Surveyors

Fiscal Year 2016

REPORT TO THE GOVERNOR

Board Membership

The North Carolina Board of Examiners for Engineers and Surveyors is organized under the provisions of "*The North Carolina Engineering and Land Surveying Act*," Chapter 89C of the North Carolina General Statutes (G.S. 89C). Section 89C-4 provides that the Board shall have the duty of administering the provisions of G.S. 89C, and shall consist of four Professional Engineers, three Professional Land Surveyors, and two Public Members, appointed by the Governor of the State of North Carolina. Members of the Board serve for staggered 5-year terms, and no member may be appointed for more than two (2) full terms.

The current members of the Board and the dates of expiration of their terms of appointment are as follows:

Engineering Appointees:

David L. Pond	December 2018
Carl M. Ellington, Jr.	December 2021
Stacey A. Smith	December 2019
Bobbie Shields	December 2020

Land Surveying Appointees:

Richard M. (Mike) Benton	December 2017
Andrew (Andy) G. Zoutewelle	December 2018
John M. Logsdon	December 2020

Public Member Appointee:

Linda A. Thurman	December 2019
Jonathan S. Care	December 2018

Board Meetings

By Statute, the Board is required to hold at least two regular meetings each year, and meetings at such other times as are required. The Board has found that, in order to conduct its business in a proper and timely manner, meetings are generally required each month of the year.

During Fiscal Year 2016 (December 1, 2015 through November 30, 2016), the Board held seven (7) meetings which were attended by Board members for the purpose of transacting the business of the Board, in accordance with an agenda prepared for each meeting. During each meeting, when required, the Engineering and Land Surveying Committees met separately to consider matters relating to engineering and land surveying, respectively. These matters include review of applications for licensure, review of examination results, and any other matters relating solely to the respective professions. Two board conference calls were conducted to approve consent agendas. One board disciplinary hearing was conducted.

Licensure

At the end of Fiscal Year 2016 (November 30, 2016), a total of 25,118 Professional Engineers, 2,545 Professional Land Surveyors and 3,850 Businesses were licensed with the Board.

LICENSURE STATISTICS - FISCAL YEAR 2016

(December 1, 2015 - November 30, 2016)

APPLICATIONS

Engineering Applications.....	1,354
Surveying Applications.....	<u>24</u>
Total Applications.....	1,378

EXAMINATIONS

Engineering Exam II - Principles & Practice (8 hrs. written)	604
Surveying Exam II - Principles & Practice (6 hrs NCEES and/or 2 hrs State)	<u>43</u>
Total Examinations.....	647

LICENSURES

Professional Corporations.....	117
Limited Liability Companies.....	131
Business Firms.....	16
Chapter 87.....	16
Professional Engineers licensed by exam.....	369
Professional Engineers licensed by comity.....	932
Professional Land Surveyors licensed by exam.....	<u>26</u>
Total Licensed.....	1,607

DECEASED

Deceased.....	37
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LICENSURE AS OF NOVEMBER 30, 2016

Professional Engineers.....	25,118
Professional Land Surveyors.....	2,545
Firms.....	3,850

EXAMINATION RESULTS

Fiscal Year 2016 (December 1, 2015 - November 30, 2016)

	<u>Total</u>	<u>Passed</u>	<u>Failed</u>	<u>Percent Passed</u>
<u>Engineering Examination II -</u>				
<u>Principles & Practice</u>				
Spring 2016	281	171	110	60.9%
Fall 2016	<u>323</u>	<u>194</u>	<u>129</u>	60.1%
Total Fiscal Year 2016	604	365	239	60.4%
<u>Surveying Examination II -</u>				
<u>Principles & Practice (NCEES and/or State)</u>				
Jan. 2016 (State Only)	8	3	5	37.5%
Spring 2016	16	6	10	37.5%
July 2016 (State Only)	10	7	3	70.0%
Fall 2016	<u>9</u>	<u>5</u>	<u>4</u>	55.6%
Total Fiscal Year 2016	43	21	22	48.8%

HISTORICAL DATA

(Past 10 Fiscal Years)

	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>
APPLICATIONS										
Engineer	1,998	2,163	2,105	2,004	2,096	2,153	2,106	1,343	1,123	1,354
Surveyor	<u>123</u>	<u>135</u>	<u>128</u>	<u>98</u>	<u>110</u>	<u>103</u>	<u>31</u>	<u>96</u>	<u>35</u>	<u>24</u>
Totals	2,121	2,298	2,233	2,102	2,206	2,256	2,137	1,439	1,158	1,378
EXAMINATIONS										
Engineer (Exam II)	1,839	1,823	1,961	1,798	1,839	1,877	1,851	631	614	604
Surveyor (Exam II)	<u>231</u>	<u>292</u>	<u>276</u>	<u>200</u>	<u>197</u>	<u>261</u>	<u>121</u>	<u>83</u>	<u>51</u>	<u>43</u>
Total	2,070	2,115	2,237	1,998	2,036	2,138	1,972	714	665	647
LICENSURE										
Exam -- Eng.	367	385	379	427	374	395	352	397	356	369
Exam -- LS	43	58	94	54	58	67	58	42	49	26
GIS -- LS	0	0	0	0	0	0	0	37	1	0
Comity -- Eng	<u>806</u>	<u>873</u>	<u>812</u>	<u>730</u>	<u>822</u>	<u>775</u>	<u>711</u>	<u>791</u>	<u>793</u>	<u>932</u>
Totals	1,216	1,316	1,285	1,211	1,254	1,237	1,121	1,267	1,199	1,327

VIOLATIONS ACTIVITY FISCAL YEAR 2016

I SUMMATION

During Fiscal Year 2016 Review Committees considered 93 alleged violations of Chapter 89C of the North Carolina General Statutes. All cases were investigated and processed through the Review Committees and recommendations as to the disposition of the cases were made to the full Board.

The violation case origins and dispositions for Fiscal Year 2016 are as follows:

Case Load - 2016

A. Cases carried over from 2015	100
B. New cases recorded in 2016	<u>107</u>
Total case load for 2016	207

Case Dispositions for 2016

A. Case load for 2016	207
B. Cases closed in 2016	108
Cases carried over to 2017	99

Actions completed by the Board during the year resulted in:

- Three (3) revocations of license [one case combined PE and PLS license];
- One (1) suspension of license until restoration of civil rights;
- One (1) suspension of license for one year;
- One (1) suspension of license for six months and ethics course;
- One (1) suspension of license for two months;
- One (1) reprimand, \$5,000 civil penalty and ethics course [two cases combined];
- Two (2) reprimands and \$5,000 civil penalty;
- Two (2) reprimands and \$2,500 civil penalty;
- One (1) reprimand, \$2,000 civil penalty and ethics course;
- Three (3) reprimands and \$2,000 civil penalty;
- One (1) reprimand, \$1,000 civil penalty and ethics course;
- Two (2) reprimands and \$1,000 civil penalty;
- Two (2) reprimands and \$500 civil penalty;
- Two (2) reprimands and restriction of practice;
- Eight (8) reprimands; and
- Eighteen (18) notices of non-compliance letters.

II VERIFICATION

A. Cases carried over from 2015 to Fiscal Year 2016	100
B. New cases recorded in Fiscal Year 2016	107
C. Total case load for Fiscal Year 2016	207
D. Cases closed during Fiscal Year 2016	108
E. Cases carried over from 2016 to Fiscal Year 2017	99
F. Actions during Fiscal Year 2016	49
G. Cases considered by Review Committees during Fiscal Year 2016	93

Respectfully Submitted,

A handwritten signature in black ink, appearing to read 'A. Ritter', written over a horizontal line.

Andrew L. Ritter
Executive Director