TEXAS STATE VITA

I. Academic/Professional Background

A. Name: Garth Benjamin Reese Title: Professional Engineer

B. Educational Background

Degree	*Year*	*University*	*Major*	*Thesis/Dissertation*
BS	2002	Brigham Young University, Provo	Civil and Environmental Engineering	
MS	2007	BYU, Provo	C&EE	Use of Heavy Clegg Hammer to Assess Rutting of Cement-Treated Base Material Under Early Trafficking

C. University Experience
Adjunct Professor Texas State University, Fall 2015, Fall 2016 – Concrete Problems: Diagnosis, Prevention and Dispute Resolution

D. Relevant Professional Experience
Associate- Raba Kistner Inc, 2017 to present
Project Engineer-Raba Kistner Inc, 2011 to present
Staff Engineer – Raba Kistner Consultants Inc (Infrastructure), 2010-2011
Staff Engineer – Applied Geotechnical Engineering Consultants, 2007-2010

E. Other Professional Credentials (licensure, certification, etc.)
Professional Engineer License, Texas, Utah, Colorado, New Mexico

II. TEACHING

A. Teaching Honors and Awards: NA

B. Courses Taught:
Texas State University, Fall 2015, Fall 2016 – Concrete Problems: Diagnosis, Prevention and Dispute Resolution

C. Directed Student Learning (i.e. theses, dissertations, exit committees, etc.): NA

D. Courses Prepared and Curriculum Development: NA

E. Teaching Grants and Contracts

1. Funded External Teaching Grants and Contracts: NA

2. Submitted, but not Funded, External Teaching Grants and Contracts: NA

3. Funded Internal Teaching Grants and Contracts: NA

4. Submitted, but not Funded, Internal Teaching Grants and Contracts: NA

F. Other: NA

G. Teaching Professional Development Activities Attended: NA

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press):

1. Books:

a. Scholarly Monographs:

b. Textbooks:

c. Edited Books:

d. Chapters in Books:
Guide to CSS – PCA May 2020 TAC Committee member
Visual Distress Guide – ACI 22.3R – Oct 2022

e. Creative Books:

2. Articles:

a. Refereed Journal Articles:
Use of the Heavy Clegg Impact Soil Tester to Assess Rutting Susceptibility of Cement-Treated Base Material Under Early Trafficking – Peer Reviewed and accepted for presentation and published – TRB 2008

b. Non-refereed Articles:

Instrumentation and Monitoring of Concrete Bridge Decks: Moisture, Temperature, and Electrical Conductivity, presented to UDOT annual meeting 2011

Development of Clegg Impact Value Thresholds for Minimizing Rutting of Cement Treated Base Material under Early Trafficking – Peer reviewed and accepted for presentation TRB 2013

A Microanalysis of a Sudo-Typical Application of Cementitious Materials in an Avionic Transportation Junction – presented TRB AFS80-2014

Cement Treatment of Highly Plastic Clays, A San Antonio Case Study, Presented to the Texas Chapter of the American Society of Civil Engineers, 2015 Annual meeting and again to TRB AFS80 2016

3. Conference Proceedings:

a. Refereed Conference Proceedings:

b. Non-refereed:

4. Abstracts:

5. Reports:

6. Book Reviews:

7. Essays:

8. Poems:

9. Short Stories:

10. Other Works in Print:

B. Works Not in Print:

1. Papers Presented at Professional Meetings:

2. Invited Talks, Lectures, and Presentations: Multiple and varied

3. Consultancies:

4. Workshops:

5. Other Works not in Print:

a. Works "submitted" or "under review":

b. Works "in progress":

c. Other Works Not in Print:

C. Scholarly / Creative Grants and Contracts:

1. Funded External Grants and Contracts:

2. Submitted, but not Funded, External Grants and Contracts:

3. Funded Internal Grants and Contracts:

4. Submitted, but not Funded, Internal Grants and Contracts:

D. Scholarly / Creative Fellowships, Awards, Honors:

E. Scholarly / Creative Professional Development Activities Attended:

F. Media Recognition:

IV. SERVICE

A. Institutional

1. University:

2. College:

3. Department/School:

B. Professional:

C. Community:

D. Organization Memberships:

American Concrete Institute
Committees

- Visual Inspection (#228-0B) - member
- Non Destructive testing (#228) - Subcommittee member
- Soil Cement Committee (#230) - member
- Concrete Pavements (#325) Friend
- Roller Compacted Concrete (#327) Friend

- Local San Antonio Chapter, past president and former member of the Board of Directors

Transportation Research Board
Committees

- AKG90 – Standing Committee on Stabilization of Geomaterials and Recycled Materials – Voting member
- AKG60 – Standing Committee on Geotechnical Instrumentation and Modeling– Friend
- AFS80 - Standing Committee on Geosynthetics - Friend

Texas Aggregate and Concrete Association Specification Committee – member and vice chairman

E. Service Honors and Awards:

F. Service Grants and Contracts:

1. Funded External Service Grants and Contracts:

2. Submitted, but not Funded, External Service Grants and Contracts:

3. Funded Internal Service Grants and Contracts:

4. Submitted, but not Funded, Internal Service Grants and Contracts:

G. Service Professional Development Activities Attended: