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TN Concrete Association
NRMCA Certified Pervious Concrete Installer

COMPLETE PERVIOUS PACKAGE
## Directory Contents and Information

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</thead>
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### Members Supporting Members

Members Supporting Members by Wes Blalock and Alan Sparkman

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### Going Past TDOT Specifications to Lower Concrete Permeability

Part 4: A New Kid in Town?

by L. K. Crouch, James Locum, Daniel Badoe and Heather P. Hall

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</thead>
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<td>2018 Board of Directors and Past Presidents</td>
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### 2020 TCA Directory Overview of TCA Services & Staff

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<td>Ready Mixed Concrete Producer Members</td>
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### Programs, Presidents, and Directors

- 2020 TCA Promotional, Educational & Training Programs
- TCA Past Presidents
- Our Board of Directors

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<thead>
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</table>

### CIM Update

Advancing the Concrete Industry

Dr. Heather J. Brown

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List of Advertisers

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<tr>
<td>23</td>
<td>Contractor Members</td>
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MEMBERS—
SUPPORTING MEMBERS

TCA is pleased to present our annual Membership Directory issue. 2020 will certainly go down in history as unique and unprecedented. In spite of all that is happening, the construction industry has continued to build homes, infrastructure and buildings, and provide jobs for millions of people.

TCA’s members have continued to support their industry and their association throughout all the uncertainty, and we are extremely grateful for their support. Take a few minutes to scan through TCA’s member companies and take note of your peers who are standing together to help make our industry better. We encourage all of our TCA member companies to support their fellow members by doing business with each other—members supporting members!
At Lafarge, our commitment goes far beyond the raw materials we produce. We bring together the best solutions and materials to build more durable, compact and connected cities. And when you build better cities you get buildings, roads and infrastructure that truly reflect the changing needs of today’s communities.

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SERIES OVERVIEW

This four-part series of papers is an investigation of going past current Tennessee Department of Transportation (TDOT) Class D (bridge deck) concrete specifications (1) to increase surface resistivity (SR). The investigation explores both exceeding limitations on currently approved TDOT supplementary cementing materials (SCMs) and using SCMs not currently approved by TDOT. All concrete mixtures used in the investigation met TDOT’s Class D concrete plastic and hardened property requirements. Further, all concrete mixtures used in the investigation were constrained to meet the following criteria to ensure an unbiased comparison:

- Water-cementing materials-ratio (w/cm) = 0.37
- Design air content of 7%
- Total cementing materials = 620-lbs/CY
- Same brand and type of Portland cement
- Same source and size of coarse aggregate
- Same source of fine aggregate
- Fine aggregate as a percentage of total aggregate by volume (FA/TA) of approximately 38%
- Same three TDOT-approved chemical admixtures

These additional constraints should facilitate an easier comparison of the concrete mixtures used. It is important to note that w/cm = 0.37 and FA/TA ~ 38% are not considered optimal, but rather these values met TDOT Class D concrete specifications and have worked well for the authors. The authors hope that mixture designers and concrete professionals find the information useful.

In Part 4, the effect of pumice and fine ground pumice (FGP) substitution for Portland cement on SR is examined.

MATERIALS AND PROCEDURE

Materials used in the study are shown in Table 1, column 1. The proportions of the six mixtures used in the study (see Table 1) were determined through trial batching. After trialing, all six mixtures met TDOT Class D concrete plastic and hardened property requirements. Table 2 shows TDOT requirements for minimum cementing materials, w/cm ratio, fine aggregate percentage by total aggregate volume, and allowable SCM replacement percentages. The last two mixtures, 25% Class F Fly Ash and 35% Grade 120 Slag, met all Table 2 criteria. Pumice (fine ground or normal) is not currently allowed as a PC substitute by TDOT.

Four batches of each mixture were produced and tested as per test protocol reported in Table 3. The researchers wanted to explore the long term behavior of pumice as a SCM. Therefore, only two cylinders from one batch were tested till failure at each scheduled compressive strength (5) test date. Table 4 shows the protocol for stretching out the compressive strength cylinders.

RESULTS AND DATA QUALITY

Figure 1 shows pumice cylinders after compressive strength testing. The authors made note that pumice does not have a large impact on concrete appearance. Figures 2 and 3 show compressive strength results for the 25% and 35% substitution mixtures, respectively. Concrete incorporating pumice as an SCM may be a little lighter in color than normal Portland cement concrete (PCC).

The SR (6) results are shown in Table 5. The acceptable range of the hardened properties results was determined by obtaining the standard deviation or coefficient of variation from the appropriate test method and multiplying by an ASTM C 670 factor for the number of test results (7). The multi-laboratory precision was used for the 4x8-inch cylinder results, since AASHTO T 22 states that the preparation of cylinders by different operators would probably increase the variation above multi-laboratory precision criteria (5). All SR test results met the acceptable precision. Stretching out the compressive strength cylinders precluded comparison to precision criteria.

INTRODUCTION

Texas and Florida DOTs have investigated other SCMs in place of fly ash (2, 3). The Texas study cites uncertainty in availability, quality, and cost of fly ash as motivation for investigating possible fly ash replacement SCMs (3). A University of Utah study (4) indicated that pumice and FGP could increase SR by 214 to 500% compared to Portland cement only concrete. Therefore, the research team decided to explore pumice and FGP as substitutes in a few mixtures meeting TDOT Class D concrete plastic and hardened property specifications (1).
### TABLE 1. PROPORTIONS OF MIXTURES USED IN RESEARCH

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>35% FGP</th>
<th>25% FGP</th>
<th>35% PUMICE</th>
<th>25% PUMICE</th>
<th>25% CLASS F FLY ASH</th>
<th>35% GRADE 120 SLAG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type I PC, (lbs/CY)</td>
<td>403</td>
<td>465</td>
<td>403</td>
<td>465</td>
<td>465</td>
<td>403</td>
</tr>
<tr>
<td>Grade 120 Slag, (lbs./CY)</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>217</td>
</tr>
<tr>
<td>Class F Fly Ash, (lbs/CY)</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>155</td>
<td>0</td>
</tr>
<tr>
<td>Pumice (lbs/CY)</td>
<td>0</td>
<td>0</td>
<td>217</td>
<td>155</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Fine Ground Pumice (lbs/CY)</td>
<td>217</td>
<td>155</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>No. 57 Stone, (SSD lbs/CY)</td>
<td>1874</td>
<td>1887</td>
<td>1874</td>
<td>1887</td>
<td>1883</td>
<td>1907</td>
</tr>
<tr>
<td>River Sand, (SSD lbs/CY)</td>
<td>1115</td>
<td>1120</td>
<td>1115</td>
<td>1120</td>
<td>1118</td>
<td>1134</td>
</tr>
<tr>
<td>Water, (lbs/CY)</td>
<td>229.5</td>
<td>229.5</td>
<td>229.5</td>
<td>229.5</td>
<td>229.5</td>
<td>229.5</td>
</tr>
<tr>
<td>Design Percent Air</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>Air Entrainer, (oz/cwt)</td>
<td>2.20</td>
<td>1.60</td>
<td>0.60</td>
<td>0.86</td>
<td>0.60</td>
<td>1.10</td>
</tr>
<tr>
<td>Mid-Range Water Reducer, (oz/cwt)</td>
<td>4.00</td>
<td>3.20</td>
<td>7.68</td>
<td>7.67</td>
<td>3.00</td>
<td>2.75</td>
</tr>
<tr>
<td>High-Range Water Reducer, (oz/cwt)</td>
<td>6.15</td>
<td>5.00</td>
<td>8.60</td>
<td>7.06</td>
<td>2.00</td>
<td>2.50</td>
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</tbody>
</table>

### TABLE 2. PUMICE MIXTURES COMPARED TO TDOT CLASS D PCC REQUIREMENTS

<table>
<thead>
<tr>
<th>QUANTITY/RATIO/PERCENTAGE</th>
<th>TDOT 604.03 CLASS D PCC REQUIREMENT</th>
<th>35% FGP</th>
<th>25% FGP</th>
<th>35% PUMICE</th>
<th>25% PUMICE</th>
<th>25% CLASS F FLY ASH</th>
<th>35% GRADE 120 SLAG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cementing Materials Content (lbs/CY)</td>
<td>620 min.</td>
<td>620</td>
<td>620</td>
<td>620</td>
<td>620</td>
<td>620</td>
<td>620</td>
</tr>
<tr>
<td>W/CM Ratio</td>
<td>0.40 max.</td>
<td>0.37</td>
<td>0.37</td>
<td>0.37</td>
<td>0.37</td>
<td>0.37</td>
<td>0.37</td>
</tr>
<tr>
<td>Percent Fine Aggregate by Total Aggregate Volume</td>
<td>44 max.</td>
<td>38.1</td>
<td>38.0</td>
<td>38.0</td>
<td>38.0</td>
<td>38.0</td>
<td>38.0</td>
</tr>
<tr>
<td>Percent Grade 120 Slag Substitution (by Weight) for PC</td>
<td>35 max.</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>35</td>
</tr>
<tr>
<td>Percent Class F Fly Ash (by Weight) for PC</td>
<td>25 max.</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>25</td>
<td>0</td>
</tr>
<tr>
<td>Percent Pumice (by Weight) for PC</td>
<td>Currently Not Allowed</td>
<td>0</td>
<td>0</td>
<td>35</td>
<td>25</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Percent Fine Ground Pumice (by Weight) for PC</td>
<td>Currently Not Allowed</td>
<td>35</td>
<td>25</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

### TABLE 3. HARDENED PROPERTY TESTING PROTOCOL

<table>
<thead>
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<th>TEST METHOD</th>
<th>FREQUENCY</th>
<th>TEST DAYS</th>
<th>SPECIMENS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compressive Strength, AASHTO T22 [3]</td>
<td>2 cylinders per test day</td>
<td>1, 7, 14, 28, 56, 91, 140, 182, 224, 273, 322, and 364</td>
<td>4 x 8 cylinders</td>
</tr>
<tr>
<td>Surface Resistivity, AASHTO T 95-11 [4]</td>
<td>3 cylinders per batch</td>
<td>7, 14, 28, 56, 91, 140, 182, 224, 273, 322, and 364 days</td>
<td>4 x 8 cylinders</td>
</tr>
</tbody>
</table>
by L. K. Crouch, James Locum, Daniel Badoe and Heather P. Hall

**Going Past TDOT Specifications to Lower Concrete Permability**

**Part 4: A New Kid in Town?**

**TABLE 4. NUMBER OF COMPRESSIVE STRENGTH CYLINDERS AND BATCH ORIGIN**

<table>
<thead>
<tr>
<th>AGE (DAYS)</th>
<th>1</th>
<th>7</th>
<th>14</th>
<th>28</th>
<th>56</th>
<th>91</th>
<th>140</th>
<th>182</th>
<th>224</th>
<th>273</th>
<th>322</th>
<th>364</th>
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<tr>
<td>B-1</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td></td>
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<td>B-2</td>
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<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>B-3</td>
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<td>2</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
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<td>B-4</td>
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</table>

**ANALYSIS OF RESULTS**

**Statistical Comparison of SR Results**

The results of the test of the hypothesis of SR being equal for the different mixtures at similar ages (curing time) are presented in Tables 6, 7, and 8. A statistical t-test under the assumption of unequal variances and with a 5 percent level of significance was used in the hypothesis test. The SR values for the compared mixes that were found to be statistically equal were denoted as not significantly different (NSD) while significantly different SR values were denoted as significantly different (SD) in Tables 6, 7, and 8. The green shaded cells in Tables 6, 7, and 8 indicate a statistically significant difference between compared SR values while red shaded cells indicate a not significant difference between compared SR values.
## TABLE 5. SURFACE RESISTIVITY RESULTS AND DATA QUALITY

<table>
<thead>
<tr>
<th>MIXTURE</th>
<th>TEST AGE (DAYS)</th>
<th>MEAN RESULT (kΩ·CM)</th>
<th>RANGE OF RESULTS (kΩ·CM)</th>
<th>ALLOWABLE RANGE OF RESULTS (kΩ·CM)</th>
</tr>
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<tbody>
<tr>
<td><strong>35% Fine Ground Pumice</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>6.9</td>
<td>0.8</td>
<td>3.1</td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>16.6</td>
<td>3.1</td>
<td>7.5</td>
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<tr>
<td></td>
<td>28</td>
<td>34.5</td>
<td>6.1</td>
<td>15.5</td>
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<tr>
<td></td>
<td>56</td>
<td>67.4</td>
<td>12.2</td>
<td>30.3</td>
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<td></td>
<td>91</td>
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<td>61.0</td>
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<tr>
<td></td>
<td>224</td>
<td>153.8</td>
<td>27.9</td>
<td>69.2</td>
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<tr>
<td></td>
<td>273</td>
<td>171.8</td>
<td>27.7</td>
<td>77.3</td>
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<td></td>
<td>322</td>
<td>181.6</td>
<td>24.1</td>
<td>81.7</td>
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<td></td>
<td>364</td>
<td>177.2</td>
<td>26.8</td>
<td>79.7</td>
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<td><strong>25% Fine Ground Pumice</strong></td>
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<td>7</td>
<td>7.6</td>
<td>0.5</td>
<td>3.4</td>
</tr>
<tr>
<td></td>
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<td>14.3</td>
<td>0.6</td>
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<td></td>
<td>28</td>
<td>32.0</td>
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<td>144.9</td>
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<td>65.2</td>
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<td>141.0</td>
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<td>63.5</td>
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<td><strong>35% Pumice</strong></td>
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<td>7</td>
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<td>40.1</td>
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Graphical Comparison of SR Results

A graphical comparison of SR results for all mixtures at 7, 14, and 28-day curing times are shown in Figure 4. Similarly, a graphical comparison of SR results for all mixtures at 56, 91, 182, and 364-day curing times are shown in Figure 5.

Comparison of Pumice and Slag SR Results

Figures 4 and 5 as well as Table 6 seem to indicate that comparing 35% slag substitution with pumice and FGP substitution mixtures is very much like the classic story of the tortoise and the hare. 35% slag is superior to both FGP mixtures at 7 and 14 days, at 28 days there is no significant difference, and thereafter it is inferior. Similarly, 35% slag is superior to both pumice mixtures at 7, 14, 28, and 56 days. 35% slag is still superior to 25% pumice at 91 days. Thereafter, 35% slag is inferior to both pumice mixtures. Considering that TDOT only requires 7 days of moist curing, the hare (slag) appears to be the better choice. That is 35% slag appears to be superior to FGP and pumice for TDOT Class D mixtures.

Comparison of Pumice and Fly Ash SR Results

The authors were quite surprised when the 25% Class F fly ash substitution mixture was significantly different and superior to FGP mixtures at 7 days (see Table 7). Class F fly ash is known for its slow pozzolanic reaction rate. However, Figures 4 and 5 as well as Table 7 show that the 25% Class F fly ash substitution mixture was statistically different and inferior to the FGP mixtures at 14 days and thereafter. Similarly, the Class F fly ash substitution mixture was significantly different and superior to 35% pumice mixtures at 7 days, not significantly different at 14 days, and statistically different and inferior at 28 days and thereafter.

The contest between of 25% Class F fly ash substitution with 25% pumice substitution was very close. Table 7 shows that Class F fly ash was superior at 4 of 11 curing time increments, 25% pumice was superior for 6 of 11 curing time increments, and at 14 days there was no significant difference. In 9 of 11 curing time increments in Table 7, the difference between 25% F ash and 25% pumice was less than 15%. This was indeed a close contest. Factors other than SR (cost, availability, strength, etc.) should probably be used to decide which SCM is superior.

Comparison of Pumice Mixture SR Results

Figures 4 and 5 as well as Table 8 show that except for 7 days of curing, FGP is superior to pumice at the same substitution level. Further, 35% pumice is superior to 25% pumice at 14 days of curing. Surprisingly, 35% FGP isn’t clearly superior to the 25% FGP until 182 days of curing. At 7 days, 25% FGP is superior; then at 14 days, 35% is superior. Thereafter, the two are not statistically different until 182 days.

Rate of Increase of SR Results

Table 9 shows the curing time required to reach various SR chloride permeability categories for each pumice and comparison mixture. Mixtures meeting current TDOT 604.03 Class D requirements for maximum SCM substitution are highlighted in yellow. 35% slag is clearly dominant in the speed competition.

Compressive Strength Analysis

The 28-day compressive strength results that are shown in Figures 2 and 3 all exceed the TDOT Class D concrete specification requirement by at least 1100-psi. Further, all the 1-day and
### TABLE 5. SURFACE RESISTIVITY RESULTS AND DATA QUALITY (CONTINUED)

<table>
<thead>
<tr>
<th>MIXTURE</th>
<th>TEST AGE (DAYS)</th>
<th>MEAN RESULT (kΩ-CM)</th>
<th>RANGE OF RESULTS (kΩ-CM)</th>
<th>ALLOWABLE RANGE OF RESULTS (kΩ-CM)</th>
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<tbody>
<tr>
<td></td>
<td>7</td>
<td>7.7</td>
<td>0.4</td>
<td>3.5</td>
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<tr>
<td></td>
<td>14</td>
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<td>0.5</td>
<td>4.3</td>
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<td>13.6</td>
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<tr>
<td></td>
<td>56</td>
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<td>1.7</td>
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<tr>
<td></td>
<td>14</td>
<td>9.4</td>
<td>0.6</td>
<td>4.2</td>
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<td>28</td>
<td>12.5</td>
<td>0.8</td>
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<td>1.0</td>
<td>9.4</td>
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<td></td>
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<td></td>
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<td>84.8</td>
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<td></td>
<td>364</td>
<td>85.2</td>
<td>2.9</td>
<td>38.3</td>
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<tr>
<td>35% Grade 120 Slag</td>
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<td>13.3</td>
<td>0.7</td>
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</tr>
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<td></td>
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<td>22.9</td>
<td>0.7</td>
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<td>364</td>
<td>51.0</td>
<td>4.9</td>
<td>22.9</td>
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7-day compressive strength results that are shown in Figures 2 and 3, exceed 750-psi by at least 800-psi at 1 day and 3000-psi at 7 days, indicating that form wrecking should not be a problem (8).

**Material Cost Analysis**

Table 10 shows material cost assumptions for concrete materials except water. The calculations using Table 1 mixture proportions and Table 10 cost assumptions were used to generate Figure 6. The Class F fly ash mixtures costs from Part 1 of the study, the 35% slag from Part 2, and the two metakaolin-slag mixtures from Part 3 are all shown for comparison. The FGP and pumice mixtures all have a much higher cost than the 25% Class F fly ash or 35% slag mixtures. Using the TDOT-approved 25% Class F fly ash mixture as a reference, FGP mixtures ranged from 77 to 104% higher in cost. Pumice mixtures ranged from 35 to 42% higher in cost. These cost increases are substantial and therefore would require a substantial increase in concrete performance for serious consideration. The metakaolin-slag mixtures from Part 3 show a substantial increase in performance (very rapid gain in SR). Unfortunately, FGP and pumice mixtures do not.

**SUMMARY**

The exploratory nature of this research suggests that conclusions are not appropriate without more study. However, it appears that due to high cost and relatively slow increase in SR, FGP and pumice are not the best choices for use as SCMs in TDOT Class D mixtures. This is not the new kid in town.

**REFERENCES**

1. Tennessee Department of Transportation, Standard Specifications for Road and Bridge Construction (Section 604.03), January 1, 2015.
2. Evaluating the Performance of Alternative Supplementary Cementing Material in Concrete, Seraj, Saamiya, Cano, Rachel, Liu, Shukui, Whitney, David, Fowler, David, Ferron, Raissa, Zhu, Jinying, and Juenger, Maria, Center for Transportation Research The University of Texas Austin, January 2014.
4. Pumice Pozzolan: Summary of Phase One Research on Hess Pozz by the Concrete and Materials Research and Evaluation Laboratory, Department of Civil and Environmental Engineering, University of Utah, pdf download available at hesspozz.com.
### TABLE 6. PERCENT OF CONTROL (TDOT 35% GRADE 120 SLAG) FOR PUMICE MIXTURES

<table>
<thead>
<tr>
<th>TEST AGE (DAYS)</th>
<th>35% FINE GROUND PUMICE</th>
<th>35% PUMICE</th>
<th>25% FINE GROUND PUMICE</th>
<th>25% PUMICE</th>
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<td>Slag</td>
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<td>174.5</td>
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### TABLE 7: PERCENT OF CONTROL (TDOT 25% CLASS F FLY ASH) FOR PUMICE MIXTURES

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<th>TEST AGE (DAYS)</th>
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<th>35% PUMICE</th>
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<th>25% PUMICE</th>
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<td>FGP</td>
<td>104.5</td>
<td>Pumice</td>
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ACKNOWLEDGEMENTS

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Heather P. Hall, P.E. is Assistant Engineering Director of TDOT Materials and Tests Division.

TABLE 8: STATISTICAL ANALYSIS COMPARING PUMICE MIXTURES WITH OTHER PUMICE MIXTURES

<table>
<thead>
<tr>
<th>TEST AGE (DAYS)</th>
<th>35% FINE GROUND PUMICE</th>
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<th>25% FINE GROUND PUMICE</th>
<th>25% PUMICE</th>
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<td>SD? %DIFF</td>
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# TABLE 9. COMPARISON OF CURING TIMES REQUIRED TO REACH SURFACE RESISTIVITY / CHLORIDE PERMEABILITY CATEGORIES FOR CURRENT STUDY MIXTURES

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<th>MIXTURE</th>
<th>MODERATE (SR ≥ 12) (2000 ≤ RCP ≤ 4000)</th>
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<th>VERY LOW (SR ≥ 37) (100 ≤ RCP ≤ 1000)</th>
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<td>&lt; 56 days</td>
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<tr>
<td>35% FGP</td>
<td>14 days</td>
<td>28 days</td>
<td>&lt; 56 days</td>
</tr>
<tr>
<td>25% Pumice</td>
<td>28 days</td>
<td>56 days</td>
<td>&lt;140 days</td>
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<tr>
<td>35% Pumice</td>
<td>28 days</td>
<td>56 days</td>
<td>91 days</td>
</tr>
<tr>
<td>35% Grade 120 Slag</td>
<td>7 days</td>
<td>14 days</td>
<td>56 days</td>
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<tr>
<td>25% Class F fly ash</td>
<td>28 days</td>
<td>&lt; 91 days</td>
<td>&lt;140 days</td>
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# TABLE 10. COST ASSUMPTIONS

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<th>COMPONENT</th>
<th>ASSUMED COST DELIVERED TO READY MIX PRODUCER</th>
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<tr>
<td>Type I PC ($/ton)</td>
<td>110.00</td>
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<tr>
<td>Class F Fly Ash ($/ton)</td>
<td>30.00</td>
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<tr>
<td>Class C Fly Ash ($/ton)</td>
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<td>Grade 120 Slag ($/ton)</td>
<td>85.00*</td>
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<tr>
<td>Silica Fume ($/ton)</td>
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<td>Metakaolin ($/ton)</td>
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<tr>
<td>Pumice ($/ton)</td>
<td>220.60</td>
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<td>No. 57 Limestone ($/ton)</td>
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<tr>
<td>River Sand ($/ton)</td>
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<td>Air Entrainer ($/gallon)</td>
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</tr>
<tr>
<td>MRWR ($/gallon)</td>
<td>8.50</td>
</tr>
<tr>
<td>HRWR ($/gallon)</td>
<td>12.00</td>
</tr>
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</table>

*Plus freight
Overview of TCA Services and Staff......14
TCA Promotional, Educational
and Training Programs..................15
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Past Presidents..........................15
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Engineers/Testing Labs...............24
Concrete Contractors...................26

To verify an individual’s ACI Certifications, visit:

TCA Services &
STAFF

The Tennessee Concrete Association (TCA) was founded in 1986 to promote the increased use of ready mixed concrete in Tennessee. Our mission statement is: “The TCA is the unified voice for the concrete industry to improve our image and awareness through advocacy, promotion and education that support our members, our community, and our future.” We work to fulfill this mission in all of our activities. We invite you to join us in building a concrete industry we can all be proud of. Supported by membership dues and program income, TCA is governed by a 12 member Board of Directors representing all three membership categories (Producers, Associates, and Affiliates). The board includes 10 ready-mixed producer members who direct local promotional programs in each of our three regions.

Association
STAFF

Alan Sparkman
Executive Director
Darla Sparkman
Director of Certifications
Donna Thompson
Director, Marketing & Meetings
John E. Pearson, P.E.
Director, Technical Services
Julia Hudson
Online Education Coordinator
2020 TCA PROGRAMS

Annual Convention – Brings all members together to celebrate the year’s accomplishments and to learn about the latest issues.

Tennessee Concrete Magazine – Published 3 times annually with research reports and current industry articles.

Membership Directory – Published annually with information advertising your company.

Member Updates – Throughout the year (via email), to keep you informed of Association programs, industry activities, and promotional events.

Concrete Excellence Awards – Design, Construction and Environmental awards for projects and plants across Tennessee.

Product Demonstrations & Seminars – Decorative, Pervious, Insulated Concrete Forms, Whitetopping, Flowable Fill and more ….

Statewide High School Concrete Essay Contest

Trade Show Displays

Concrete Career Academy – Our new online learning system offers prep courses to help concrete professionals prepare for certification courses in flatwork, and more. https://www.pathlms.com/cca

TCA Website – www.tnconcrete.org and visit us on Facebook at https://www.facebook.com/Tnconcrete/

Training and Certification – This year John Pearson, P.E., conducted training review sessions for various ACI certifications and exams and training were also offered in the following:

- ACI Field Testing Technician, Grade 1
- ACI Flatwork Finisher & Technician
- ACI Decorative Concrete Flatwork
- ACI Adhesive and Anchor Inspector
- ACI Aggregate/Soils Bast Testing Tech 1 & 2
- ACI Concrete Laboratory Testing Technician Grade 1 & 2
- ACI Concrete Construction Special Inspector
- ACI Concrete Strength Testing Technician
- ACI Concrete Transportation Construction Inspector
- ACI Self-Consolidating Concrete Testing Technician
- NRMCA Certified Driver Training
- NRMCA Certified Concrete Production Technologist
- NRMCA Pervious Installer Certification
- NRMCA Certified Concrete Sales Professional
- NRMCA Volumetric Mixer Operator Certification

Zoom Virtual Meetings – Experts from various backgrounds present on technical topics from IDFs to business accounting.

Past TCA PRESIDENTS

2003-2004
Steve Herron
Metro Ready Mix
Nashville

2004-2005
Greg Garron
Union Concrete
Maynardville

2005-2006
Jim Hughes
Builders Supply Co.
 Cookeville

2006-2007
Rick Odle
Southern Concrete Products
Jackson

2007-2008
Dennie Underwood
Blalock Ready Mix
Sevierville

2008-2009
John Curtis
Irving Materials, Inc.
Nashville

2009-2010
Phillip Palczer
City Concrete
Memphis

2010-2011
Andrea Childress
Childress Concrete Co.
Lewisburg

2011-2012
Steve Smith
A&W Ready Mix Concrete
Kodak

2012-2013
Mike Zagula
Metro Ready Mix Concrete Co.

2013-2014
Dennis Johns
Mid-South Concrete

2014-2015
Bate Bond
B.T. Redi-Mix

2015-2016
Bobby Crass
C&C Concrete Products

2016-2017
Tonya Alexander
Irving Materials, Inc.

2017-2018
Cole Dodds
Southern Concrete Products

2018-2019
Tim Costa
Sequatchie Concrete

1986-1987
Reid Brown, Ph.D.
Vulcan Materials
Chattanooga

1988
Richard Jones, Jr.
Southdown, Inc.
Knoxville

1989
Bob Mayfield
Forcum-Lannom
Dyersburg

1990
Craig Kirchoff
Lone Star Industries
Nashville

1991
Joe Fowler
American Limestone Co.
Knoxville

1992
Ernie Walker, Sr.
Transit-Mix Concrete
Johnson City

1993-1994
E.H. (Sunny) Garrott III
Garrott Bros. Continuous Mix
Gatlin

1995-1996
Joe Bigford
City Concrete Co.
Jackson

1997-1998
Carl Storms
Concrete Materials Inc.
Morristown

1998-1999
Joe Fulks
Harper Construction
Shelbyville

1999-2000
Mike Carrier
Carrier Concrete
Memphis

2000-2001
Walter Law
Ready Mix Concrete
Maryville

2001-2002
Bob Haldrup
Irving Materials, Inc.
Nashville

2002-2003
John Loven
Loven Ready Mix
Greeneville

Tennessee Concrete Association

2004-2005
Greg Garron
Union Concrete
Maynardville

2005-2006
Jim Hughes
Builders Supply Co.
 Cookeville

2006-2007
Rick Odle
Southern Concrete Products
Jackson

2007-2008
Dennie Underwood
Blalock Ready Mix
Sevierville

2008-2009
John Curtis
Irving Materials, Inc.
Nashville

2009-2010
Phillip Palczer
City Concrete
Memphis

2010-2011
Andrea Childress
Childress Concrete Co.
Lewisburg

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Steve Smith
A&W Ready Mix Concrete
Kodak

2012-2013
Mike Zagula
Metro Ready Mix Concrete Co.

2013-2014
Dennis Johns
Mid-South Concrete

2014-2015
Bate Bond
B.T. Redi-Mix

2015-2016
Bobby Crass
C&C Concrete Products

2016-2017
Tonya Alexander
Irving Materials, Inc.

2017-2018
Cole Dodds
Southern Concrete Products

2018-2019
Tim Costa
Sequatchie Concrete

Our Board of DIRECTORS

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Blalock Ready Mix

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DUANE KING
Screaming Eagle Ready Mix

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Volunteer Concrete

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Harrison Construction Co.

CRIS MABBIT
Irving Materials

SHELLEY PARHAM
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JOSH EVANS
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Lambcon, Inc.

Associate & Affiliate Directors Associate

CODY EATON
Cemex

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Sika

ANGIE THURMAN
Rogers Group

CHRIS HUDSON
Glenn E. Mitchell

Directory 2020 • Tennessee CONCRETE • 17
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<tr>
<th><strong>ABERNATHY CONCRETE CO., INC.</strong></th>
<th><strong>BRADLEY CONCRETE CO.</strong></th>
<th><strong>CUMBERLAND SUPPLY CO. INC.</strong></th>
<th><strong>HARRISON CONSTRUCTION CO.</strong></th>
</tr>
</thead>
</table>
| 734 South First St. Pulaski, TN 38478 | PO Box 3022 
Cleveland, TN 37320 | 212 Main St. 
Cartage, TN 37030 | 4817 Rutledge Pike 
Knoxville, TN 37914 |
| Primary Contact: Bill Abernathy Phone: (931) 363-1527 abernathyconcrete@charter.net | Primary Contact: Charlie Lay Phone: (877) 541-4542 clay@lambcon.us 
www.lambcon.us | Products/Services: Ready Mix Concrete, Chattanooga, Cleveland, Charleston, Knoxville, Lenoir City, Athens | Primary Contact: Stephen Lowrey Phone: (865) 637-1770 stephen.lowrey@harrisonnc.com 
www.harrisonnc.com |
| Products/Services: NRMCA Certified 
TDOT Approved 
Ready Mixed Concrete Plant, Metal Culverts, & Commercial, Industrial, Residential, & Decorative Concrete Provider | Products/Services: Ready Mix Concrete, Building Materials, Concrete Block Manufacturer, Brick & Lumber | Products/Services: Ready Mix Concrete Producer, Ready Mix Concrete Supplier | Products/Services: Ready Mix Concrete, TDOT Certified, Brick, Block, Lumber, Hardware, Masonry & Millwork |
Cookeville, TN 38501 | 1634 Ferrell Park Dr. 
Memphis, TN 38116 | 4617 Rutledge Pike 
Knoxville, TN 37914 |
| Primary Contact: Wesley Blalock Phone: (865) 453-4433 wesblalock@blalockandsons.com | Primary Contact: Clark Simpson Phone: (931) 526-9704 clark@bscblock.com 
www.bscblock.com | Phone: (901) 396-8900 | Phone: (865) 637-1770 
stephen.lowrey@harrisonnc.com 
www.harrisonnc.com |
| www.blalockcompanies.com | Products/Services: Ready Mix Concrete, Building Materials, Cement Personnel, NRMCA Certified, Fiber, Rebar, Masonry Supplies & Aggregates | Products/Services: Ready Mix Concrete, TDOT Certified, Brick, Block, Lumber | Products/Services: Ready Mix Concrete, TDOT Certified, Brick, Block, Lumber, Hardware, Masonry & Millwork |
| Brick, Block, Lumber, Hardware, Masonry & Millwork | Products/Services: Ready Mix Concrete | Products/Services: Ready Mix Concrete Supplier | Products/Services: Ready Mix Concrete, TDOT Certified, Brick, Block, Lumber, Hardware, Masonry & Millwork |
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| 193 Towe String Rd. 
Jacksboro, TN 37757 | 5710 Harriman Hwy 
Oliver Springs, TN 37840 | 1414 Old Jacksboro Hwy 
La Follette, TN 37766 | 305 McElroy Rd. 
Trenton, NJ 08690 |
| Primary Contact: Bobby Crass Phone: (423) 562-7425 
www.c-cconcrete.com | Primary Contact: Tony Crass Phone: (865) 435-1445 
tony-ccreadymix@live.com | Primary Contact: Raymon Henson Phone: (423) 562-2277 
Products/Services: Ready-Mix Concrete, Wire Mesh-Rebar, Septic Tanks, Wall Blocks, Masonry Sand | Products/Services: Ready-Mix Concrete, Wire Mesh-Rebar, Masonry Sand, Pervious Concrete, Concrete, Fox, Related Products |
| Brick & Lumber | 2800 Dacco Quarly Rd 
Cookeville, TN 38506 | Phone: (931) 526-6107 | Products/Services: Ready-Mix Concrete, Wire Mesh-Rebar, Masonry Sand, Pervious Concrete, Concrete, Fox, Related Products |
| Products/Services: Ready Mix Concrete | Products/Services: Ready Mix Concrete, ICF’s, Block, ACI Certified Personnel, NRMCA Certified, Fiber, Rebar, Masonry Supplies & Aggregates | Products/Services: Ready-Mix Concrete, Concrete, Wire Mesh-Rebar, Masonry Sand | Products/Services: Ready-Mix Concrete, Wire Mesh-Rebar, Masonry Sand, Pervious Concrete, Concrete, Fox, Related Products |
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| 105 Clear View Dr. 
Seymour, TN 37865 | PO Box 131 
Burlington, NC 27216 | 252 Maryette Ave. 
Crossville, TN 38555 | 646 Highway 79 
Dover, TN 37058 |
| Phone: (865) 453-4433 | Primary Contact: Ted Chandler Phone: (336) 226-1181 
ted.chandler@chandlerconcrete.com 
www.chandlerconcrete.com | Phone: (931) 484-5588 | Phone: (931) 232-7001 
Dover, TN 37058 |
| Seymour Plant | Products/Services: Ready Mix Concrete, Concrete, Related Products, Aggregate, Sand & Pervious Concrete | Products/Services: Ready Mix Concrete, Wire Mesh-Rebar, Masonry Sand | Products/Services: Ready-Mix Concrete, Concrete, Wire Mesh-Rebar, Masonry Sand |
| Phone: (865) 453-4433 | Products/Services: Ready Mix Concrete Services | Products/Services: Ready-Mix Concrete, Concrete, Wire Mesh-Rebar, Masonry Sand | Products/Services: Ready-Mix Concrete, Concrete, Wire Mesh-Rebar, Masonry Sand |
| **BP & G MATERIALS** | **HARRISON CONSTRUCTION CO.** | **COLUMBIA** | **DICKSON** |
| 4650 Hwy 11 E. 
Bluff City, TN 37618 | 4817 Rutledge Pike 
Knoxville, TN 37914 | 4616 Hardison Mill Rd 
Columbia, TN 38401 | 3150 Old Columbia Rd 
Dickson, TN 37055 |
| Primary Contact: Marty Phillips Phone: (423) 207-1429 
marty@bpgmaterials.com | Primary Contact: Stephen Lowrey Phone: (865) 637-1770 
stephen.lowrey@harrisonnc.com 
www.harrisonnc.com | Phone: (931) 540-8248 | Phone: (615) 740-7001 |
| Products/Services: Ready Mix Concrete, Retaining Wall Blocks | Products/Services: Ready Mix Concrete, TDOT Certified, Brick, Block, Lumber, Hardware, Masonry & Millwork | Products/Services: Ready Mix Concrete, TDOT Certified, Brick, Block, Lumber, Hardware, Masonry & Millwork | Products/Services: Ready-Mix Concrete, Concrete, Wire Mesh-Rebar, Masonry Sand, Pervious Concrete, Concrete, Fox, Related Products |
| Products/Services: Ready Mix Concrete Services, Hardscape & Masonry Products, Building Supply Products | Products/Services: Ready Mix Concrete Services | Products/Services: Ready-Mix Concrete, Concrete, Wire Mesh-Rebar, Masonry Sand | Products/Services: Ready-Mix Concrete, Concrete, Wire Mesh-Rebar, Masonry Sand, Pervious Concrete, Concrete, Fox, Related Products |
| Products/Services: Ready Mix Concrete | Products/Services: Ready-Mix Concrete, Concrete, Wire Mesh-Rebar, Masonry Sand | Products/Services: Ready-Mix Concrete, Concrete, Wire Mesh-Rebar, Masonry Sand | Products/Services: Ready-Mix Concrete, Concrete, Wire Mesh-Rebar, Masonry Sand, Pervious Concrete, Concrete, Fox, Related Products |
| **DELAWARE CONCRETE CO.** | **Fayetteville CONCRETE CO.** | **CUMBERLAND SUPPLY CO. INC.** | **CLARKSVILLE** |
| 8828 Old Raleigh Road 
Nashville, TN 37211 | 166 Cessna Road 
Fayetteville, TN 37334 | 50 Smith Street 
Knoxville, TN 37914 | 261 Needmore Rd 
Clarksville, TN 37042 |
| Phone: (615) 740-7001 | Phone: (931) 438-7337 | Phone: (901) 396-8900 | Phone: (931) 552-6026 |
| **DODGE CONCRETE CO.** | **FOUR O’CLOCK CONCRETE CO., INC.** | **DIXIE READY-MIX CONCRETE CO., INC.** | **CLARKSVILLE** |
| 646 Highway 79 
Dover, TN 37058 | 3501 N. Clemson Ave. 
Greenville, SC 29609 | 1414 Old Jacksboro Hwy 
La Follette, TN 37766 | 252 Maryette Ave. 
Crossville, TN 38555 |
| Phone: (816) 740-7001 | Phone: (864) 267-7000 | Primary Contact: Raymon Henson Phone: (423) 562-2277 
Products/Services: Ready-Mix Concrete, Wire Mesh-Rebar, Septic Tanks, Wall Blocks, Masonry Sand | Phone: (931) 484-5588 |
Franklin
515 Downs Blvd.
Franklin, TN 37064
Phone: (615) 224-9000
Goodlettsville
109 Long Dr.
Goodlettsville, TN 37072
Phone: (615) 219-0966
Jamestown
315 Alf Tread Rd
Jamestown, TN 38556
Phone: (931) 879-5098
Lawrenceburg
2112 Helton Dr.
Lawrenceburg, TN 38464
Phone: (931) 762-6409
Lebanon
400 S. College St.
Lebanon, TN 37087
Phone: (615) 444-0454
Livingston
220 School Mtn. Rd
Livingston, TN 38570
Phone: (615) 758-5687
Manchester
1433 Cowen St.
Manchester, TN 37355
Phone: (615) 256-6821
Murfreesboro
5445 Manchester Hwy
Murfreesboro, TN 37357
Phone: (931) 815-1070
Mt. Juliet
445 Industrial Dr.
Mt. Juliet, TN 37122
Phone: (615) 758-5687
Nashville
1433 Cowen St.
Nashville, TN 37207
Phone: (615) 256-6821
Nashville
6616 Robertson Rd
Nashville, TN 37209
Phone: (615) 356-9301
Spring Hill
758 Beechcroft Rd
Spring Hill, TN 37174
Phone: (931) 486-9072
Springfield
4277 US-431
Springfield, TN 37172
Phone: (615) 219-0966
Tullahoma
519 Vollney St
Tullahoma, TN 38388
Phone: (931) 455-5432
Winchester
612 David Crockett Hwy
Winchester, TN 37398
Phone: (931) 967-1738
LAMBCON INC.
PO Box 5148
Cleveland, TN 37320
Primary Contact: Charlie Lay
Phone: (877) 541-4542
clay@lambcon.us
www.lambcon.us
Products/Services: Ready Mix Concrete - Chattanooga, Athens, Cleveland, Knoxville, Lenior City
MEMPHIS READY MIX
1029 John A. Denie Rd.
Memphis, TN 38134
Primary Contact: Cory Stultz
Phone: (901) 373-1791
kendall.stultz@buzziunicemusa.com
www.readymixmemphis.com
Products/Services: Ready Mix Concrete and Related Concrete Products Serving the Greater Memphis & Northern Mississippi Area
MID SOUTH CONCRETE INC.
PO Box 1220
Pulaski, TN 38478
Primary Contact: Derrick Johns
Phone: (931) 363-0690
midsouth@smwb.net
Products/Services: Custom Design Ready Mix Concrete, Concrete Related Accessories, Materials, Aggregates, & Culverts
Additional Information:
lb...
Chattanooga
604 Hudson Road
Chattanooga, TN 37405
Phone: (423) 892-6444

Chattanooga
2 Pelican Dr. (River Plant)
Chattanooga, TN 37416
Phone: (423) 892-6444

Daltton
419 N. Selvidge St.
Dalton, GA 30720
Phone: (706) 278-6044

Gray
102 Watertank Rd.
Gray, TN 37615
Phone: (423) 246-7701

RIVER CITY CONCRETE, INC.
9160 Hwy 128 South
Savannah, TN 38372
Primary Contact: Wade Williams
Phone: (731) 925-0271
waderwilliams@hotmail.com
www.rivercity-concrete.com

Products/Services: Ready Mix Concrete, Concrete Blocks, Forming Supplies, Concrete Reinforcing Products, Dump Truck Services, Stone Placement
Additional Information:
Selmer
850 Mulberry Ave.
Selmer, TN 38375
Phone: (713) 645-7903

Wynessboro
1041 Lawrenceburg Hwy
Waynesboro, TN 38485
Phone: (931) 722-3816

SCREAMING EAGLE READY MIX
490 Barge Point Rd.
Clarksville, TN 37042
Primary Contact: Duane King
Phone: (931) 553-4101
dking.screamingeagle@yahoo.com
www.screamingeagleredymix.com
Products/Services: Concrete Services, Related Supplies, Concrete Tools, Building Materials & Sealers
Additional Information:
Clarksville
1040 International Blvd.
Clarksville, TN 37040
Phone: (931) 553-4101

SEQUATCHIE CONCRETE SERVICE
PO Box 129
South Pittsburg, TN 37380
Primary Contact: Tim Costo
Phone: (423) 837-7913
tcosto@sequconcrete.com
www.sequconcrete.com
Products/Services: Ready Mix Concrete, Structural Precast, Concrete Block, Sand, Masonry Units, Roller Compacted Concrete & Segmented Retaining Walls
Additional Information:
Athens
3106 Lee Hwy.
Athens, TN 37303
Phone: (423) 617-0869

Calhoun
4938 Hwy 11 South
Calhoun, TN 37309
Phone: (423) 641-0815

Chattanooga
1400 East 37th St.
Chattanooga, TN 37407
Phone: (423) 867-6035

Chattanooga
3954 Cromwell Rd.
Chattanooga, TN 37421
Phone: (423) 388-4781

Cleveland
1601 6th St. NE
Cleveland, TN 37311
Phone: (423) 641-0813

Dayton
131 Avant Lane
Dayton, TN 37321
Phone: (423) 755-9491

Dunlap
Hwy 128 Branch Road
Dunlap, TN 37327
Phone: (615) 647-6854

Huntsville
6206 Springfield Rd.
Huntsville, AL 35810
Phone: (259) 763-7512

Knoxville
2100 Sutherland Ave.
Knoxville, TN 37939
Phone: (865) 240-2564

Knoxville
9529 Digs Gap Rd.
Knoxville, TN 37754
Phone: (865) 409-1690

Louisville
4710 Singleton Station Rd.
Louisville, KY 40216
Phone: (202) 299-0252

SOUTHERN CONCRETE PRODUCTS, INC.
PO Box 1256
Jackson, TN 38302
Primary Contact: Rick Odle
Phone: (731) 422-3358
eodle@southernconcrete.com
www.southernconcrete.com
Products/Services: Ready Mix Concrete, Concrete Fence, Building Materials, Parking Bumpers & Septic Tanks, Pervious
Additional Information:
Harriman
110 City Garage Rd.
Harriman, TN 37748
Phone: (865) 240-2564

TWIN K ENTERPRISES, LLC
16906 Alberta St.
Oneida, TN 37841
Primary Contact: Kelley Krahn
Phone: (423) 569-6341
kelley@twinkenterprises.net
www.tmix.com
Products/Services: Ready Mixed Concrete, Stone Slinger Services, Concrete Building Products, ICF Distributor, Retaining Wall Blocks

Bolivar
18260 Hwy 125 South
Bolivar, TN 38008
Phone: (731) 422-3358

Dyersburg
1705 Tennyson Ave.
Dyersburg, TN 38024
Phone: (731) 422-3358

Henderson
745 US Hwy 45 S.
Henderson, TN 38340
Phone: (731) 422-3358

Jackson
860 Westover Rd
Jackson, TN 38301
Phone: (731) 422-3358

Lexington
266 E. Church St.
Lexington, TN 38351
Phone: (731) 968-2537

Milan
2500 Graball St.
Milan, TN 38358
Phone: (731) 422-3358

Paris
535 Russell St.
Paris, TN 38242
Phone: (731) 642-6672

Union City
106 Barham Rd.
Union City, TN 38261
Phone: (731) 885-7060

TRANSIT-MIX CONCRETE CO.
110 City Garage Rd.
Johnson City, TN 37601
Primary Contact: Ernie Walker
Phone: (423) 928-2128
ewalker@tmix.com
www.tmix.com
Products/Services: Ready Mixed Concrete, Concrete Block, Sand, Masonry Units, Roller Compacted Concrete & Segmented Retaining Walls
Additional Information:
Harriman
348 Poland Hollow Rd.
Harriman, TN 37748
Phone: (865) 240-2564

Oneida
16906 Alberta St.
Oneida, TN 37841
Phone: (423) 569-6341
Wartburg
3612 Morgan Co Hwy
Wartburg, TN

VANHOOOSECO READY MIX
244 Blair Bend Dr.
Loudon, TN 37774
Primary Contact: Jeff VanHoose
Phone: (865) 458-3998
ltrent@vanhooseco.com
www.vanhooseco.com
Products/Services: Concrete Homes, Roller Compacted Concrete, Self Consolidating Concrete, Pervious Concrete, Precast Wall Systems, Structural Precast Concrete, On Site Certified Lab, Underground Storm Water Systems

VOLUNTEER CONCRETE
PO Box 682423
Franklin, TN 37068
Primary Contact: Jeremy Cole
Phone: (931) 364-5900
jcole@atransport.concreteconcrete
www.volunteerconcrete.com
Products/Services: Ready Mix Producer, Concrete Pumping, Stone Hauling, NRMCA Certified Additional Information: Lewisburg 770 Hwy 99 Lewisburg, TN Phone: (931) 364-5900

WARRIOR PRECAST
PO Box 168
Rock Island, TN 38581
Primary Contact: Stacey Harvey
Phone: (931) 868-3240
stacey.harvey@superiorwallstn.com
www.warriorprecast.com
Products/Services: Precast Concrete Structural & Architectural

WEST TN READY MIX
380 Pierce Rd.
Oakland, TN 38060
Primary Contact: Herron Odle
Phone: (901) 466-3030
southernconcreteproducts@gmail.com
Products/Services: Ready Mix Concrete Services

ADMIXTURE
CARBONCURE TECHNOLOGIES, INC.
1148 Straborough Ln.
Fort Collins, CO 80525
Primary Contact: Ted Jones
Phone: (303) 905-6946
tjones@carboncure.com
www.carboncure.com
Products/Services: CarbonCure manufactures a technology that introduces carbon dioxide (CO2) into concrete during mixing, enabling concrete producers to create high performing, more sustainable concrete with a reduced carbon footprint. Additional Information: Shannon Seipel - Tech.Serv. Mgr (816) 598-6899 sseipel@carboncure.com

CHRYSO, INC.
1314 Rhonda Dr.
Christiania, TN 37037
Primary Contact: Drew Carmichael
Phone: (615) 631-5323
drew.carmichael@chrysoinc.com
www.chrysoinc.com
Products/Services: Full Line Admixture Supplier & Fiber Supplier

EDENCRETE
8041 Rocky Hollow Cove
Germantown, TN 38138
Primary Contact: Brent Sanders
Phone: (470) 316-8114
bsanders@edencrete.com
www.edencrete.com
Products/Services: ASTM TYPE S Carbon Nanotube Enriched Admixture
Additional Information: Brent Sanders Southern Region Sales Rep

EUCLID CHEMICAL COMPANY
19215 Redwood Road
Cleveland, OH 44110
Primary Contact: Adam Heckler
Phone: (216) 497-4913
aheckler@euclidchemical.com
www.euclidchemical.com
Products/Services: Concrete Admixtures, Tuf-Strand Fibers, Integral Colors, Sealers & Construction Products

SIKA CORP
1300 Sarasota Business Pkwy NE
Conyers, GA 30013
Primary Contact: Jason Zelinski
Phone: (770) 909-5869
zelinski.jason@us.sika.com
www.usa.sika.com
Products/Services: Color, Fibers & Waterproofing for Admixtures Additional Information: Bryan Strevel (615) 828-7332 strevel.bryan@us.sika.com

PINE BLUFF MATERIALS CO.
1030 Visco Drive
Nashville, TN 37210
Primary Contact: Mike Bohleber
Phone: (615) 254-1956
mike.bohleber@pbmat.com
www.pbmat.com
Products/Services: Specification Sand, Gravel & Stone

ROGERS GROUP INC.
421 Great Circle Rd.
Nashville, TN 37202
Primary Contact: Granville Grant
Phone: (615) 613-1115
granville.grant@rogersgroupinc.com
www.rogersgroupinc.com
Products/Services: Crushed Stone & Natural Sand, & Construction Services

BUZZI UNICEM USA, INC.
1029 John Denie Rd
Memphis, TN 38134
Primary Contact: Dan Rinke
Phone: (901) 409-3775
dan.rinke@buzziunicemusa.com
www.buzziunicemusa.com
Products/Services: Portland and Ground Aggregates Additional Information: Rebekah Bomar - bomarr@vmcmail.com

CEMENT
AGGREGATES
BURLINGTON, MA 01803

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Sign up for the TCA Member Update Today!

Email Donna Thompson at donna@tnconcrete.org to get started receiving the Member Update each week.

So much of what TCA does throughout the year does NOT come in one of these mailers. From classes to information about special events and opportunities, if you aren’t signed up for our Member Update, you aren’t getting the whole picture of what TCA can offer you!

Help us today make sure YOU are getting all the news by emailing Donna Thompson at donna@tnconcrete.org to get started receiving the Member Update each week. And think about signing up your employees as well! All we need is their name and email address.
Affiliate Members

**Batch Plants & Equipment**

**Command Alkon**
1800 International Park Dr.
Birmingham, AL 35243
Primary Contact: Lori Allen
Phone: (205)529-2688
lallen@commandalkon.com
Products/Services: Batching Controls, Dispatching and Accounting Software, Production/Quality Control Software and Performance Management Software

**Southern Concrete Machinery, LLC**
PO Box 11098
Murfreesboro, TN 37129
Primary Contact: Chris Davenport
Phone: (615) 957-4600
chris@southernconcretemachinery.com
www.southernconcretemachinery.com

**Stephens Mfg Co., Inc.**
PO Box 488
Tompkinsville, KY 42167
Primary Contact: Greg High
Phone: (270) 487-6774
ghigh@stephensmfg.com
www.stephensmfg.com
Products/Services: Concrete Pumping, Reclaimers, Material Handling Systems, BFK Reclaimers & Plant Parts.

**Systems & Controls**
1850 Old Hwy 95
Lenoir City, TN 37771
Primary Contact: Mark McHenry
Phone: (865) 988-8583
mmchenry@syscontn.com
www.systemsandcontrols.com
Products/Services: Stephens Concrete Plants & Parts, Batch Computers & Dispatch Systems, Badger Water Meters, Hydronix Moisture Probes, Plant Scale Certifications & Service

**Business Services**

**Smartdrive Systems**
9515 Towne Center Dr
San Diego, CA 92121
Primary Contact: Jeff Zola
Phone: (615) 400-3441
jeff.zola@smartdrive.net
www.smartdrive.net
Products/Services: A Video Based Safety & Transportation Intelligence Program

**Concrete Pumping**

**Reynolds Concrete Pumping**
720 Beech St.
Bowling Green, KY 42101
Primary Contact: Johnny Phillips
Phone: (615) 213-2600
jphillips@reynoldscorporation.com
www.reynoldscorporation.com
Products/Services: Concrete Pumping Services: Boom Pumps, Line Pumps, Placing Booms, Rock Slingers

**Construction Equipment**

**Multivibe, Inc.**
3125 N. Friendship Rd.
Paducah, KY 42001
Primary Contact: Carl Ellis
Phone: (270) 554-2615
carle@multivibe.com
www.multivibe.com
Products/Services: Vibratory Screeds (Gas & Electric), Wall Vibrators, Roller Screeds

**Power Rental & Sales**
3653A Trousdale Dr.
Nashville, TN 37204
Primary Contact: Brent Cornelius
Phone: (615) 837-1450
bc.powerrental@yahoo.com
Products/Services: Vertical forms, Masonry Supplies, Power Tools & Grinders

**Insulated Concrete Forms**

**Nudura Systems**
4551 Cargo Dr.
Columbus, GA 31907
Primary Contact: Martin Clark
Phone: (502) 303-3746
belymer@nudura.com
www.nudura.com
Products/Services: NUDURA is a leading innovator of permanent concrete forming systems & accessories.

**Material Suppliers**

**Clemmons Concrete Coatings**
505 Cave Rd.
Nashville, TN 37210
Primary Contact: Rich Sanders
Phone: (615) 872-9099
rich@ccc-usa.com
www.ccc-usa.com
Products/Services: Sealers, Retarders, Curing Compounds, Stains, and Form Release

**Perk Products & Chemical Co., Inc.**
PO Box 100585
Nashville, TN 37224
Primary Contact: Scott Perkerson
Phone: (615) 242-6157
scott@perk-products.com
www.perk-products.com
Products/Services: Manufacturer of Concrete Coatings to Include Sealers, Water-proofers, Stains, Releases, Surface Retarders, Distributor of Bagged & Liquid Calcium Chloride.

**Scotwood Industries**
12980 Metcalf Ave. Ste.240
Overland Park, KS 66213
Primary Contact: Doug Pratt
Phone: (660) 605-1390
dpratt@scotwoodindustries.com
www.scotwoodindustries.com
Products/Services: Full Service Distributor of Magnesium Chloride & Calcium Chloride for Ice Control, Anti-Icing, Dust Control, & Road Stabilization

**Solomon Colors Inc.**
4050 Color Plant Rd
Springfield, IL 62702
Primary Contact: Matt Park
Phone: (615) 686-0880
mpark@solomoncolors.com
www.solomoncolors.com
Products/Services: Colors for Concrete: Liquid, Dry, & Granular, Decorative Concrete: Stains, Stamps, Sealers, Resurfacing Overlays, Densifiers, Surface Retarders & Ultra-fiber

**Surface Koatings, Inc.**
134 Davis St.
Portland, TN 37148
Primary Contact: Josh Koschmider
Phone: (615) 323-9461
josh@surfkoat.com
www.surfkoat.com
Products/Services: Manufacturer of Concrete Coatings, Cures & Seals, Decorative Sealers, Water Repellents, Concrete Hardeners/ Densifiers, High Performance Coatings

**Precast**

**Bradley Tank & Pipe, LLC**
PO Box 3146
Cleveland, TN 37328
Primary Contact: Eddie Johnson
Phone: (423) 479-4482
edjohnson@bradleytankandpipe.com
Products/Services: Redi-Rock Retaining Walls, Sanitary-Storm-Manholes, Utility Structures, Grease Interceptors & Water Quality Structures

**C.R. Barger & Sons, Inc.**
123 Pawnook Farm Rd
Lenoir City, TN 37771
Primary Contact: Eric Barger
Phone: (865) 270-8080
sales@bargerprecast.com
www.bargerprecast.com
Products/Services: Retaining Wall Blocks, Manholes, Box Culverts, TDOT Certified & NPCA Certified Plant, Headwalls & Meter Vaults

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GATE PRECAST CO.
1 Bluegrass Drive
Ashland City, TN 37015
Primary Contact: James Pearson
Phone: (615) 792-4871
trellifrits@gateprecast.com
www.gateprecast.com
Products/Services: Precast
Concrete Systems, Wall Panel, Column Covers & Spandrels

JARRETT CONCRETE PRODUCTS INC.
2012 Hwy 12 S
Ashland City, TN 37015
Primary Contact: Travis Jarrett
Phone: (615) 792-9332
frank.bowen@jarrettconcreteproducts.com
www.jarrettconcreteproducts.com
Products/Services: Precast
Concrete Structures

OLDCASTLE INFRASTRUCTURE, INC.
5900 E. Division St.
Lebanon, TN 37090
Primary Contact: Aaron Crowley
Phone: (615) 453-6111
aaron.crowley@oldcastle.com
www.crhamericas.com

TEREX ADVANCE MIXER
7727 Freedom Way
Fort Wayne, IN 46898
Primary Contact: Scott Kutz
Phone: (330) 204-1079
scott.kutz@terex.com
www.terex.com/advance
Products/Services: Front Discharge Ready Mix Trucks, Complete Parts, Accessories & Field Service Network

MCNEILUS TRUCK
PO Box 367
Villa Rica, GA 30180
Primary Contact: Brad Towler
Phone: (706) 563-4151
btowler@mcneiluscompanies.com
www.mcneiluscompanies.com
Products/Services: Distributor for Trucks and Mixers, Designed for Production & Safety

MCNEILUS TRUCK
PO Box 2447
Columbus, GA 31902
Phone: (706) 563-7882
www.foleyproducts.com
www.terex.com/advance
scott.kutz@terex.com
Phone: (330) 204-1079
www.foleyproducts.com
Primary Contact: Scott Kutz
Fort Wayne, IN 46898
7727 Freedom Way
TEREX ADVANCE MIXER
for Production & Safety
for Trucks and Mixers, Designed
Products/Services: Distributor
www.mcneiluscompanies.com
btowler@mcneiluscompanies.com
Phone: (770) 459-5151
Primary Contact: Brad Towler
Villa Rica, GA 30180
PO Box 367
MCNEILUS TRUCK

AECOM
5535 Trailhead Dr.
Chattanooga, TN 37415
Primary Contact: Macario Bernal
Phone: (423) 498-5490
macario.bernaljr@aecom.com
www.aecom.com
Products/Services: Prime (General) Contractor

AMERICAN CONSTRUCTORS, INC.
PO Box 120129
Nashville, TN 37212
Primary Contact: John Madole
Phone: (615) 329-0123
johnm@americanconstructors.us
www.amconst.com
Products/Services: Construction Manager/General Contractor

AUBREY BLACK CONSTRUCTION
232 Morgan Rd
Trenton, GA 30752
Primary Contact: Aubrey Black
Phone: (706) 398-3247
aubrey@abcincrete.com
www.abcincrete.com
Products/Services: Stamped Concrete, Spray-Deck, Stamped Concrete Overlay, Acid Staining, Increte Systems

BALK & ASSOCIATES
PO Box 363
Brentwood, TN 37024
Primary Contact: Derek Bell
Phone: (615) 373-4343
egoodwin@balp.com
www.balp.com
Products/Services: Tilt-up, General Contracting, Bridges, Parking Garages

BELL & ASSOCIATES
PO Box 363
Brentwood, TN 37024
Primary Contact: Derek Bell
Phone: (615) 373-4343
egoodwin@balp.com
www.balp.com
Products/Services: Tilt-up, General Contracting, Bridges, Parking Garages

BEECH CONSTRUCTION
541B Huntley Industrial Dr.
Smyrna, TN 37167
Primary Contact: Camden Griffin
Phone: (615) 220-5335
camdengriffin@beechconstruction.com
www.beechconstruction.com
Products/Services: General Contracting, Concrete Contracting, Structural Concrete & Pervious Concrete

BHS CONCRETE LLC
860 Vaughn Rd
Memphis, TN 38122
Primary Contact: Joe Brannon
Phone: (901) 603-9997
joe@bhsconcrete.com
www.bhsconcrete.com
Products/Services: Residential & Commercial Form & Place Concrete Foundations, Slabs, Flatwork, Walls, Patios & Driveways

BLACK CONSTRUCTION, LLC.
PO Box 405
Cleveland, TN 37320
Primary Contact: Sherrill Black
Phone: (423) 476-7278
dave@blackconstruction.com
www.blackconstruction.com
Products/Services: Residential & Commercial Form & Place Concrete Foundations, Slabs, Flatwork, Walls, Patios & Driveways

BALTZ & SONS CONCRETE
10505 US Hwy 64 Ste. 1
Arlington, TN 38002
Primary Contact: Kevin Baltz
Phone: (901) 465-4337
info@baltzconcrete.com
www.baltzconcrete.com
Products/Services: Decorative Residential & Commercial Concrete, & Pervious Concrete

BAKER’S CONSTRUCTION SERVICES, INC.
PO Box 417
Piney Flats, TN 37686
Primary Contact: Kevin Buck
Phone: (423) 538-4400
kb@bakersconstructionservices.com
www.bakersconstructionservices.com
Primary Contact: Kevin Buck
Piney Flats, TN 37686
PO Box 417
BAKER’S CONSTRUCTION SERVICES, INC.

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Brentwood, TN 37024
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egoodwin@balp.com
www.balp.com
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joe@bhsconcrete.com
www.bhsconcrete.com
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PO Box 405
Cleveland, TN 37320
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Phone: (423) 476-7278
dave@blackconstruction.com
www.blackconstruction.com
Products/Services: Residential & Commercial Form & Place Concrete Foundations, Slabs, Flatwork, Walls, Patios & Driveways

AECOM
5535 Trailhead Dr.
Chattanooga, TN 37415
Primary Contact: Macario Bernal
Phone: (423) 498-5490
macario.bernaljr@aecom.com
www.aecom.com
Products/Services: Prime (General) Contractor

AMERICAN CONSTRUCTORS, INC.
PO Box 120129
Nashville, TN 37212
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Phone: (615) 329-0123
johnm@americanconstructors.us
www.amconst.com
Products/Services: Construction Manager/General Contractor

AUBREY BLACK CONSTRUCTION
232 Morgan Rd
Trenton, GA 30752
Primary Contact: Aubrey Black
Phone: (706) 398-3247
aubrey@abcincrete.com
www.abcincrete.com
Products/Services: Stamped Concrete, Spray-Deck, Stamped Concrete Overlay, Acid Staining, Increte Systems

BALK & ASSOCIATES
PO Box 363
Brentwood, TN 37024
Primary Contact: Derek Bell
Phone: (615) 373-4343
egoodwin@balp.com
www.balp.com
Products/Services: Tilt-up, General Contracting, Bridges, Parking Garages

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joe@bhsconcrete.com
www.bhsconcrete.com
Products/Services: Residential & Commercial Form & Place Concrete Foundations, Slabs, Flatwork, Walls, Patios & Driveways

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dave@blackconstruction.com
www.blackconstruction.com
Products/Services: Residential & Commercial Form & Place Concrete Foundations, Slabs, Flatwork, Walls, Patios & Driveways

AECOM
5535 Trailhead Dr.
Chattanooga, TN 37415
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Phone: (423) 498-5490
macario.bernaljr@aecom.com
www.aecom.com
Products/Services: Prime (General) Contractor

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PO Box 120129
Nashville, TN 37212
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johnm@americanconstructors.us
www.amconst.com
Products/Services: Construction Manager/General Contractor

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Trenton, GA 30752
Primary Contact: Aubrey Black
Phone: (706) 398-3247
aubrey@abcincrete.com
www.abcincrete.com
Products/Services: Stamped Concrete, Spray-Deck, Stamped Concrete Overlay, Acid Staining, Increte Systems

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PO Box 405
Cleveland, TN 37320
Primary Contact: Sherrill Black
Phone: (423) 476-7278
dave@blackconstruction.com
www.blackconstruction.com
Products/Services: Residential & Commercial Form & Place Concrete Foundations, Slabs, Flatwork, Walls, Patios & Driveways
BLOWNT CONTRACTORS, INC.
635 Dameron Ave.
Knoxville, TN 37921
Primary Contact: William Hall
Phone: (865) 981-9090
whall@blowntcontractors.com
www.blowntcontractors.com
Products/Services: Full Service Concrete Contractor

BURWIL CONSTRUCTION CO.
PO Box 637
Bristol, TN 37621
Primary Contact: Nick Self
Phone: (423) 938-1458
nsel@burwil.com
www.burwil.com
Products/Services: Concrete

CHARLES GOAR CONCRETE
1673 Newport Place
LaVergne, TN 37086
Primary Contact: Charlie Goar
Phone: (615) 459-9003
allengoar@gmail.com
Products/Services: Commercial

CHARLES WATKINS & CO.
1706 Industrial Loop Rd
Pulaski, TN 38478
Primary Contact: Charles Watkins
Phone: (931) 309-2039
zwatkens726@gmail.com
Products/Services: Commercial & TDOT Roadwork

CHARTER CONSTRUCTION INC.
PO Box 90970
Nashville, TN 37209
Primary Contact: Turner Talley
Phone: (615) 383-8464
turner@charterconstruction.com
www.charterconstruction.com
Products/Services: Concrete Subcontractor, Tilt-Up & Commercial

CHATTANOOGA CONCRETE CO.
522 Lytle St.
Chattanooga, TN 37405
Primary Contact: Jason Finnell
Phone: (423) 708-2372
jason@chattanoogaconcreteco.com
www.chattanoogaconcreteco.com
Products/Services: Concrete Driveway & Replacement, Retaining Wall, Patio, Foundations & Concrete Staining

CHAVERS CONSTRUCTION, INC.
801 Virecent Rd
Cantonment, FL 32533
Primary Contact: Ryan Chavers
Phone: (850) 474-1966
brianne@chaversinc.com
Products/Services: Asphalt, Concrete, Road Construction, Underground Utilities & Site Work

CHRIS-HILL CONSTRUCTION CO., LLC
4749 Pleasant Run Road
Memphis, TN 38118
Primary Contact: Jack Christenbury
Phone: (901) 767-6312
jack@chris-hillconstruction.com
www.chris-hillconstruction.com
Products/Services: Construction Services

CONCRETE WORKS LLC
788 County Rd. 808
Flat Rock, AL 35966
Primary Contact: Matt Kunkel
Phone: (425) 505-1660
matthew@theconcreteden.com
www.theconcreteden.com
Products/Services: Commercial Foundations, Flatwork, Decorative Concrete, Walls, Curb & Gutter

DEMPSTER POURED FOUNDATIONS
PO Box 11331
Knoxville, TN 37939
Primary Contact: Ross Dempster
Phone: (865) 755-0869
ross@dpfconcrete.com
www.dempsterpouredfoundations.com
Products/Services: Poured In Place Walls, Follow Us On Instagram Dempster Poured Foundations LLC

DENHAM-BLYTHE CO., INC.
3030 Business Park Circle
Goodlettsville, TN 37027
Primary Contact: Vance Hohn
Phone: (615) 855-2244
vhohn@dnhamblythe.com
www.denhamblythe.com
Products/Services: Industrial Design-Build Construction & Engineering

DENNIS CONCRETE SERVICE, INC.
662 B Sango Rd.
Clarksville, TN 37043
Primary Contact: Josh Dennis
Phone: (931) 801-2565
dennisconcrete@yahoo.com
Products/Services: Concrete Construction Services & Pervious Concrete

DUSTY & SONS CONCRETE, LLC
2478 Greens Mill Rd.
Columbia, TN 38401
Primary Contact: Josh Cornwell
Phone: (615) 473-0123
joshcornwall@yahoo.com
www.dustyandsonsconcrete.com
Products/Services: Concrete Walls, Stamping & Staining Decorative Concrete, Driveways, Slabs, Flatwork & Pervious

FLINTCO, INC.
2179 Hillshire Circle
Memphis, TN 38133
Primary Contact: Danny Moeschle
Phone: (901) 612-2850
dmoeschle@flintco.com
www.flintco.com
Products/Services: Flintco is a construction manager specializing in large commercial construction & self-perform portions of all concrete scope of work.

FULMER CONCRETE FINISHING CO., INC.
4845 Geminus Dr.
Chattanooga, TN 37416
Primary Contact: Andrew Faw
Phone: (423) 855-1551
andrew@fulmerconcrete.com
www.fulmerconcrete.com
Products/Services: Commercial & Industrial Concrete Contractor, Elevated Structures, Concrete Walls, Foundations & Slabs

GLENN E. MITCHELL & CO., INC.
3583 Louisville Road
Louisville, TN 37777
Primary Contact: Andy Mitchell
Phone: (865) 588-5135
debbie@gemitchellco.com
www.gemitchellco.com
Products/Services: Foundations, Formed Walls, Fine Grading, Laser-Screeding, Place & Finish Slabs, Structural Concrete, Pervious & Tilt Walls

HAWKINS ASPHALT PAVING, LLC
PO Box 292
Wartrace, TN 37813
Primary Contact: Chris Hawkins
Phone: (931) 389-9671
chrishawkins6852@gmail.com
www.hawkaspaving.com
Products/Services: Paving of City Streets, Curbing, Excavation, Driveways & Pervious Concrete

HR CONCRETE SOLUTIONS, LLC
906 East Parkway Ste.2
Gatlinburg, TN 37738
Primary Contact: James Reeves
Phone: (865) 335-2346
james@HR-Concrete.com
www.hrconcreteco.com
Products/Services: Pervious Concrete, Decorative Concrete, Footings & Foundations, Flatwork, All Concrete Applications & Concrete Walls

JAY-TON CONSTRUCTION CO.
7000 Hwy 59 W.
Burlison, TN 38015
Primary Contact: Chase Sellers
Phone: (901) 476-1487
csellers@jay-ton.com
www.jay-ton.com
Products/Services: Commercial Concrete Placement for Manufacturing, Energy Facilities, Distribution Centers & Warehouses

JINKS CONCRETE CONTRACTORS INC.
184 Roy Rd
Sweetwater, TN 37874
Primary Contact: JoAnna Jinks
Phone: (423) 337-0073
jinks@jinksconcrete.com
www.jinksconcreteco.com
Products/Services: ACI Certified Concrete Finishers & Adhesive Anchor, Certified NRMCA Pervious Concrete, Decorative Concrete, Curbs, Retaining Walls
JONES BROS. CONTRACTORS, LLC  
2725 Asbury Rd  
Knoxville, TN 37914  
Primary Contact: Jerry Britton  
Phone: (865) 595-0363  
jbritton@jonesbroscont.com  
www.jonesbrosinc.com  
Products/Services: Road and Bridge Construction

JR CONSTRUCTION TENNESSEE, INC.  
4957 Drakes Branch Rd  
Nashville, TN 37218  
Primary Contact: Patricia Robertson  
Phone: (615) 876-2247  
jconcrete@aol.com  
www.jrconstructiontn.com  
Products/Services: Concrete Construction Services

KCS CONSTRUCTION, LLC  
1985 Ridgecrest Dr.  
Columbia, TN 38401  
Primary Contact: Wade Kincaid  
Phone: (931) 490-9782  
wade@kcsllc.com  
www.kcsllc.com  
Products/Services: Residential & Commercial Concrete, Concrete Subcontractor For All Size Home Builders, Pervious Certified

L.E. MYERS CO.  
401 Chestnut St  
Chattanooga, TN 37402  
Primary Contact: Tod Cooper  
Phone: (423) 265-4441  
tcooper@myrgroup.com  
www.thelemyersco.com  
Products/Services: Place Foundations for Substations & Transmission Line Projects

LOCAL #148 OPCMA  
4100 M.L.K. Jr. SW Dr.  
Atlanta, GA 30336  
Primary Contact: Reggie Taylor  
Phone: (404) 696-9500  
opcmlocal148@bellsouth.net  
Products/Services: Concrete Construction Services

LU, INC.  
PO Box 607  
Kingston Springs, TN 37082  
Primary Contact:  
Phone: (615) 952-5501  
warren.cook@guiderail.com  
www.guiderail.com  
Products/Services: LU is a safety & specialty highway contractor operating across southeast. We perform fencing, guiderail, signage, attenuator install & repairs

MARCOR CONSTRUCTION, INC.  
922 Harpeth Valley Place  
Nashville, TN 37221  
Primary Contact: Kyle Bowers  
Phone: (615) 673-9950  
kyle@marcorconstruction.com  
www.marcorconstruction.com  
Products/Services: Concrete Curb & Gutters, Sidewalks, Pervious Concrete, & Misc Concrete Work

MAVEN GROUP, LLC  
1500 E. 42nd St.  
Chattanooga, TN 37407  
Primary Contact: Brandon Escandon  
Phone: (423) 541-1270  
brandon@hcmaven.com  
www.hcmaven.com  
Products/Services: Concrete Installation

NICKELL COMPANY, LLC  
407 Cemetery Ave.  
Columbia, TN 38401  
Primary Contact: Grant Nickell  
Phone: (931) 388-3644  
grantt@dnickell.com  
www.dnickell.com  
Products/Services: Concrete Installers of Driveways, Sidewalks, Curb & Gutter, Foundations, Floor Slabs & Walls

NSITE, INC.  
PO Box 150  
Milan, TN 38358  
Primary Contact: Bill Smith  
Phone: (731) 695-5663  
bill@nsite-inc.com  
Products/Services: General Contractor Specializing in Downtown Improvement Projects, Certified Pervious Installer

ROY T. GOODWIN CONTRACTORS, INC.  
2620 Locust St.  
Nashville, TN 37207  
Primary Contact: Brad Barbre  
Phone: (615) 947-2577  
brad@rtgcontractors.com  
Products/Services: Specializing in Concrete Sidewalks, Curbs, Driveways Ramps, Streetscapes & Concrete Infrastructure

SOUTHERN CONSTRUCTORS, INC  
PO Box 9476  
Knoxville, TN 37940  
Primary Contact: Richard Huskey  
Phone: (865) 579-5351  
rhuskey@southernconstructorsinc.com  
www.southernconstructorsinc.com  
Products/Services: General Contractor Specializing in Infrastructure- Water & Wastewater Plants, Pump Stations, Bridge Repairs, Commercial & Industrial Bldgs

TURNER CONSTRUCTION CO  
624 Grassmere Park #4  
Nashville, TN 37211  
Primary Contact: Rob A. Binford  
Phone: (615) 231-6300  
rbinford@tcco.com  
www.turnerconstruction.com  
Products/Services: General Contractor Concrete Installer

WALLAND SERVICES, LLC  
PO Box 295  
Rockvale, TN 37153  
Primary Contact: Tony Sutherland  
Phone: (615) 772-8212  
wallandservices@gmail.com  
Products/Services: Construction Company Specializing In Water & Sewer Utilities & Concrete

WILSON CONSTRUCTION GROUP, LLC  
123 Lions Park Rd  
Athens, TN 37303  
Primary Contact: Keith Wilson  
Phone: (423) 745-0600  
kwilson@wilsonbuilds.com  
www.wilsonbuilds.com  
Products/Services: New Building Construction, Bridge Rehabilitation, Hanger Construction, Streetscape Construction, Construction of Building Additions
**Terra-NOVA ENGINEERING**

170-D E. Main St. Ste.124
Hendersonville, TN 37075
Primary Contact: Daniel Terranova
Phone: (615) 509-6012
dterranova@terranova-engineering.com
www.terranova-engineering.com
Products/Services: Consulting, Geotechnical & Environmental Services

**TTL, INC.**

5010 Linbar Dr. Ste.153
Nashville, TN 37211
Primary Contact: Martin Medley
Phone: (615) 331-7770
mmedley@ttlusa.com
www.ttlinc.com
Products/Services: Geotechnical Engineering, Construction and Material Testing, Environmental Testing, Civil Design & Surveying

**VOLKERT INC.**

1428 Chestnut St. Ste.110
Chattanooga, TN 37402
Primary Contact: Jim Floyd
Phone: (423) 842-3335
aj.donahue@volkert.com
www.volkert.com

**WOOD E & I**

3800 Ezell Rd.
Nashville, TN 37211
Primary Contact: Lessie Alderman
Phone: (615) 333-0630
lessie.alderman@woodplc.com
www.woodplc.com
Products/Services: Engineering Services

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**TCA Foundation Golf Tournament October 27th, 2020**

**GREYSTONE GOLF COURSE, Dickson, TN**

**11:30 Lunch 1:00 p.m. Shotgun Start**

This event is our primary source of funding for our Concrete Industry Management scholarship program. TCA was one of the first organizations to offer student scholarships to the CIM program - our TCA (then TRMCA) scholarship program actually began in the last century! Since then, we have provided scholarships to 39 different students with the majority of this funding coming from our annual golf event. The tournament is a Scramble format so everyone can enjoy a day on the links and a wonderful lunch in the clubhouse! Please complete the registration form online and payment process to participate or be a sponsor at tnconcrete.org.

**Player Options**

- Single Player $150
- Team of Four $600

**Sponsorship Opportunities**

- Foundation Beverage Cart Sponsor (2) $400 - Sold Out!
- Beverage Carts Sponsored by: Southern Concrete Machinery - Durafiber

**Foundation Golf Hole Sponsor $200**

Already included in Presenting and Platinum Sponsorships for 2020. You are encouraged (but not required) to do a giveaway or contest on the hole and have representatives to meet all the players.

**Foundation PAR 3 Sponsor $300 plus Giveaway!**

Contest Hole Prize must be worth at least $100. Can be a Closest-to-the-Pin, Longest Putt or whatever you choose. The Par 3 Sponsor may present their prize at the award ceremony.
TCA Member Healthcare Plan is Here and OPEN To YOU & Your Employees!

Stop by our website to see what TCA can offer you and all your employees—it won’t cost you a thing but could save you up to 60% on healthcare costs!

TCA is using this plan to provide coverage for our staff and it’s worth your time to check it out.

TCA's Member Healthcare Plan, in partnership with the Small Association Leadership Alliance (SALA), is a comprehensive and cost-effective alternative to traditional plans. This new program offers affordable, accessible, and effective healthcare options for our members – both businesses and individuals alike. The TCA Member Healthcare Plan provides a high-quality, affordable healthcare solution for employers, employees and sole-proprietors. While not health insurance, the program provides 100% coverage for preventative care, options for co-payment features with 100% coverage, and addresses unforeseen medical expenses, such as illness and injury.

This program is not insurance. It is an alternative solution that features a choice of two preventative care plans, each coupled with a medical cost sharing membership for sharing expenses related to unexpected medical needs. Participants can expect to save as much as 60% when compared to health insurance!

The TCA Member Healthcare Plan, in partnership with SALA, is one solution to the high cost of healthcare for our TCA members!

Key Takeaways:
• Available to businesses AND individuals
• Available to full-time, part-time and seasonal staff
• The TCA's Member Healthcare Plan, provided by SALA, lowers healthcare costs by as much as 60%
• Enrollment is monthly – you may join at any time
• Offers a choice of two high-quality, affordable healthcare solutions
• Includes a four (4) year “Rate Lock” on preventative plans – offering rate stability in a very unstable market

Learn more at https://www.tnconcrete.org/tca-member-health-insurance-plan
As schools and universities across the country hone their plans to educate students this fall, the CIM program at MTSU is striving to maintain the personal connection with students, hands-on emphasis in the classroom, and industry connections that make the program and students so successful. The faculty and staff of the CIM program has worked hard this summer to plan and prepare for new course delivery methods in the face of the coronavirus pandemic.

MTSU started back to campus, with social distancing measures in place, starting August 24. Enrollment and state funding are still both of concern in higher education, but the trend has been positive now that students have returned to campus and are convening safely. In CIM at MTSU, new students are fewer than in years past. However, with over 100 new students in the Intro class, we are hopeful that the slight downward trend is a temporary outcome of the pandemic.

With over half of courses (56%) at MTSU moving to online delivery, most of the nearly 20 concrete classes are being delivered in a hybrid manner; with an online and an in-person, often laboratory, component. Faculty research has continued without pause and the Senior Lab class as well as the Decorative Concrete class are two that will remain traditional in-person courses. “We are fortunate to have an industry that understands and supports us in this new educational environment. We have had several employers reach out with offers to assist with online content and virtual guest lectures,” said Nicole Green, Industry Relations Manager with CIM at MTSU.

Despite the current ban on student events or visitors to campus, MTSU is still hosting recruiting events as well as its annual career fair in an online format. Kevin Overall, MTSU CIM Lab Manager and Instructor said, “Concrete and construction are very hands-on industries and that mirrors where we need to be during this pandemic in order to teach our students good practices so they are prepared to enter the real world.” The hope is that as things continue to improve in the Middle Tennessee region and restrictions are loosened that students will again be able to interact with industry in a more personal fashion that is one hallmark of our industry.
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Signs on the desks at MTSU mark the spots for students to sit to stay socially distanced in the classroom.

Precautions are being taken on campus to keep faculty, staff and students safely distanced for the fall semester.

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