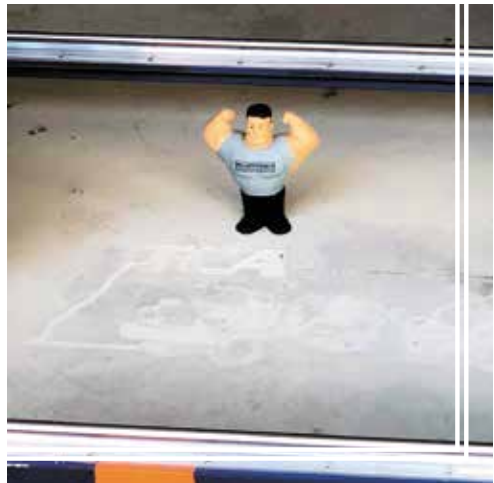


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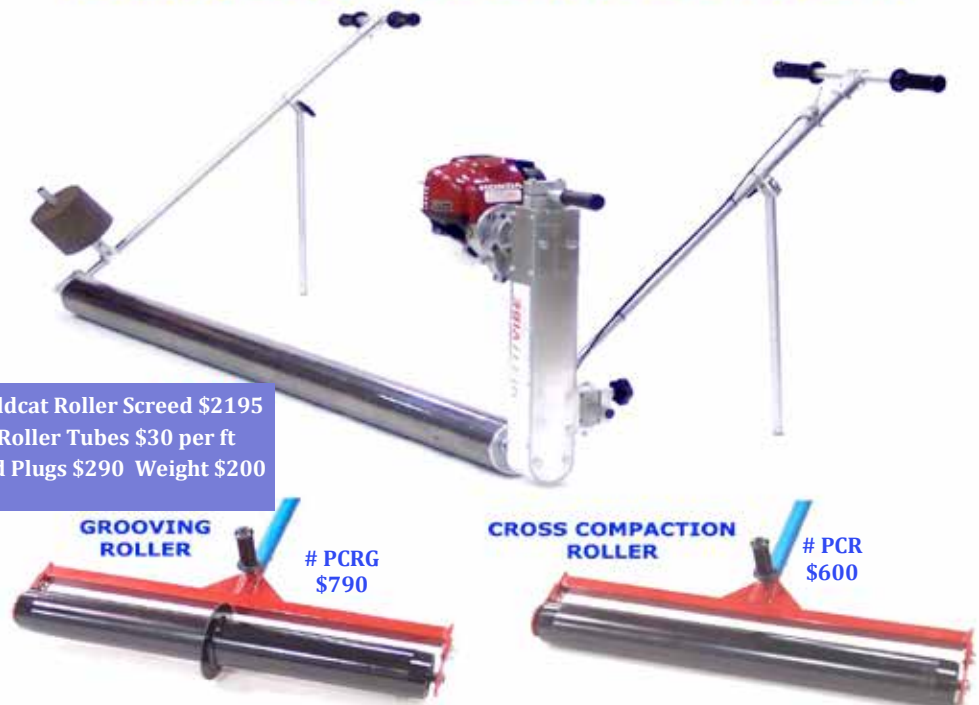


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Going Past TDOT Specifications to Lower Concrete Permeability

Part 4: A New Kid in Town?

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.

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).

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.

TABLE 1. PROPORTIONS OF MIXTURES USED IN RESEARCH

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

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

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

TABLE 3. HARDENED PROPERTY TESTING PROTOCOL

TEST METHOD	FREQUENCY	TEST DAYS	SPECIMENS
Compressive Strength, AASHTO T22 (3)	2 cylinders per test day per batch	1, 7, 14, 28, 56, 91, 140, 182, 224, 273, 322, and 364	4 x 8 cylinders
Surface Resistivity, AASHTO T 95-11 (4)	3 cylinders per batch	7, 14, 28, 56, 91, 140, 182, 224, 273, 322, and 364 days	4 x 8 cylinders

Going Past TDOT Specifications to Lower Concrete Permeability

Part 4: A New Kid in Town?

TABLE 4. NUMBER OF COMPRESSIVE STRENGTH CYLINDERS AND BATCH ORIGIN

AGE (DAYS)	1	7	14	28	56	91	140	182	224	273	322	364
B-1	2	2	2									
B-2				2	2	2						
B-3							2	2	2			
B-4										2	2	2



Figure 1: Pumice Compressive Strength Cylinders (25% substitution right and 35% substitution left)

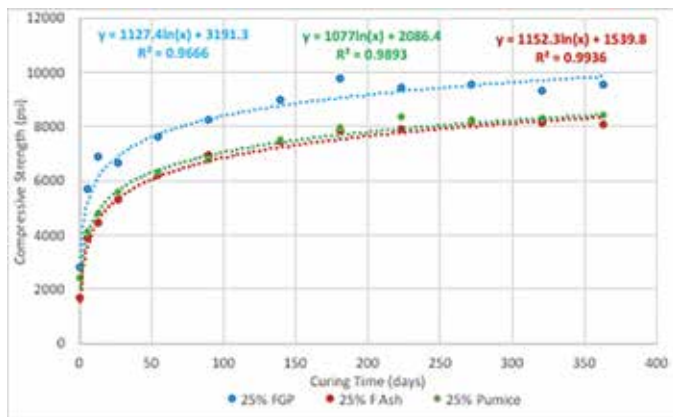


Figure 2: Compressive Strength Development of 25% Substitution Mixtures

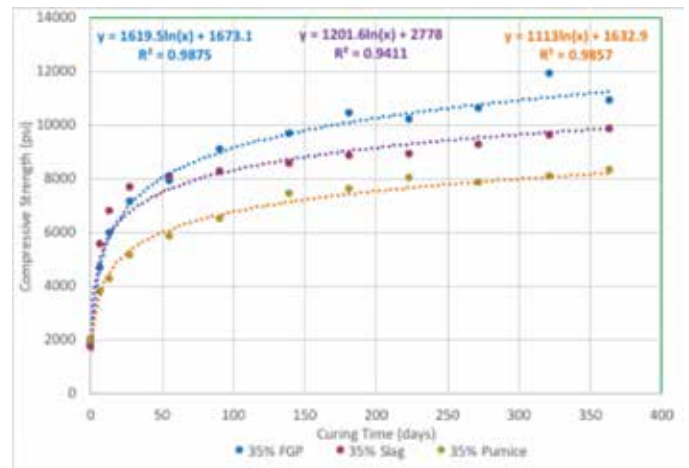


Figure 3: Compressive Strength Development of 35% Substitution Mixtures

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

MIXTURE	TEST AGE (DAYS)	MEAN RESULT (k Ω -CM)	RANGE OF RESULTS (k Ω -CM)	ALLOWABLE RANGE OF RESULTS (k Ω -CM)
35% Fine Ground Pumice	7	6.9	0.8	3.1
	14	16.6	3.1	7.5
	28	34.5	6.1	15.5
	56	67.4	12.2	30.3
	91	108.1	16.7	48.6
	140	139.5	25.4	62.8
	182	135.5	23.6	61.0
	224	153.8	27.9	69.2
	273	171.8	27.7	77.3
	322	181.6	24.1	81.7
364	177.2	26.8	79.7	
25% Fine Ground Pumice	7	7.6	0.5	3.4
	14	14.3	0.6	6.4
	28	32.0	2.9	14.4
	56	63.1	15.2	28.4
	91	94.7	25.5	42.6
	140	117.1	30.7	52.7
	182	112.1	27.9	50.5
	224	122.9	35.3	55.3
	273	134.9	28.9	60.7
	322	144.9	35.8	65.2
364	141.0	23.6	63.5	
35% Pumice	7	6.9	0.4	3.1
	14	9.2	0.4	4.2
	28	15.8	0.8	7.1
	56	28.4	1.3	12.8
	91	43.5	2.1	19.6
	140	60.8	3.3	27.4
	182	72.6	7.1	32.6
	224	81.1	5.3	36.5
	273	80.3	5.6	36.1
	322	89.5	3.3	40.3
364	89.0	3.8	40.1	

Going Past TDOT Specifications to Lower Concrete Permeability

Part 4: A New Kid in Town?

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 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.

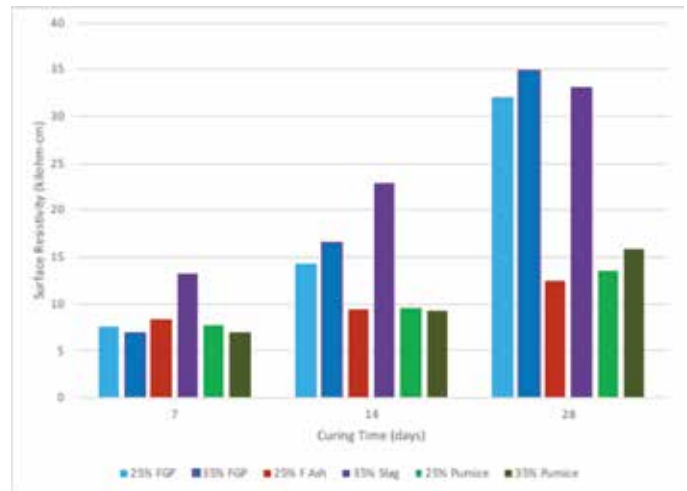


Figure 4: Surface Resistivity Development from 7 to 28 Days

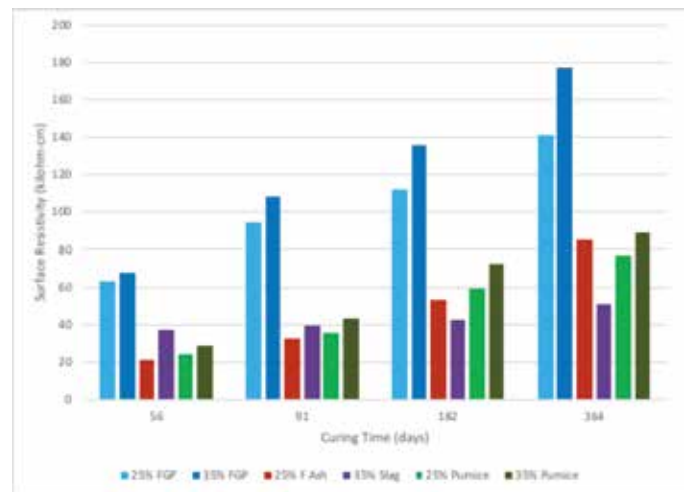


Figure 5: Surface Resistivity Development from 56 to 364 Days

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)

MIXTURE	TEST AGE (DAYS)	MEAN RESULT (k Ω -CM)	RANGE OF RESULTS (k Ω -CM)	ALLOWABLE RANGE OF RESULTS (k Ω -CM)
25% Pumice	7	7.7	0.4	3.5
	14	9.5	0.5	4.3
	28	13.6	0.7	6.1
	56	24.0	1.7	10.8
	91	36.0	1.3	16.2
	140	50.7	3.6	22.8
	182	59.2	3.7	26.6
	224	68.2	4.7	30.8
	273	67.4	3.1	30.3
	322	75.3	3.2	33.9
	364	77.0	4.1	34.6
25% Class F Fly Ash	7	8.3	0.4	3.7
	14	9.4	0.6	4.2
	28	12.5	0.8	5.6
	56	20.9	1.0	9.4
	91	32.6	0.9	14.7
	140	42.0	2.9	18.9
	182	53.5	1.4	24.1
	224	58.2	2.5	26.2
	273	74.3	2.9	33.4
	322	84.8	1.7	38.2
	364	85.2	2.9	38.3
35% Grade 120 Slag	7	13.3	0.7	6.0
	14	22.9	0.7	10.3
	28	33.1	1.7	14.9
	56	37.5	2.2	16.9
	91	39.1	1.9	17.6
	140	41.7	2.9	18.7
	182	42.8	3.4	19.3
	224	43.5	3.6	19.6
	273	48.5	2.8	21.8
	322	52.8	4.2	23.8
	364	51.0	4.9	22.9

Going Past TDOT Specifications to Lower Concrete Permeability

Part 4: A New Kid in Town?

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.

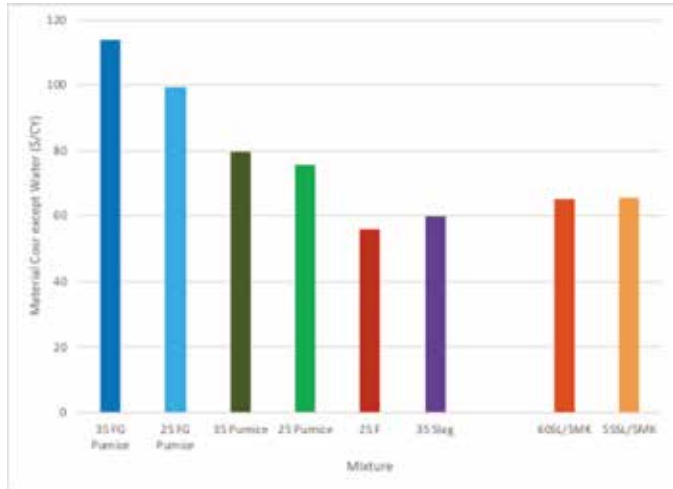


Figure 6: Material Cost Comparisons

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.

DISCLAIMER

The opinions expressed herein are those of the authors and not necessarily the opinions of the Tennessee Department of Transportation or the Tennessee Concrete Association (TCA).

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TABLE 6. PERCENT OF CONTROL (TDOT 35% GRADE 120 SLAG) FOR PUMICE MIXTURES

TEST AGE (DAYS)	35% FINE GROUND PUMICE		35% PUMICE		25% FINE GROUND PUMICE		25% PUMICE	
	SD? %DIFF	WINNER	SD? %DIFF	WINNER	SD? %DIFF	WINNER	SD? %DIFF	WINNER
7	51.9	Slag	51.9	Slag	57.1	Slag	57.9	Slag
14	72.5	Slag	40.2	Slag	62.4	Slag	41.5	Slag
28	105.4	NSD	47.7	Slag	96.7	NSD	41.1	Slag
56	179.7	FGP	75.7	Slag	168.3	FGP	64.0	Slag
91	276.5	FGP	111.3	Pumice	242.2	FGP	92.1	Slag
140	334.5	FGP	145.8	Pumice	280.8	FGP	121.6	Pumice
182	316.6	FGP	169.6	Pumice	261.9	FGP	138.3	Pumice
224	353.6	FGP	186.4	Pumice	282.5	FGP	156.8	Pumice
273	354.2	FGP	165.6	Pumice	278.1	FGP	139.0	Pumice
322	343.9	FGP	169.5	Pumice	274.4	FGP	142.6	Pumice
364	347.5	FGP	174.5	Pumice	276.5	FGP	151.0	Pumice

TABLE 7. PERCENT OF CONTROL (TDOT 25% CLASS F FLY ASH) FOR PUMICE MIXTURES

TEST AGE (DAYS)	35% FINE GROUND PUMICE		35% PUMICE		25% FINE GROUND PUMICE		25% PUMICE	
	SD? %DIFF	WINNER	SD? %DIFF	WINNER	SD? %DIFF	WINNER	SD? %DIFF	WINNER
7	83.1	F Ash	83.1	F Ash	91.6	F Ash	92.8	F Ash
14	176.6	FGP	97.9	NSD	152.1	FGP	101.1	NSD
28	279.2	FGP	126.4	Pumice	256.0	FGP	108.8	Pumice
56	322.5	FGP	135.9	Pumice	301.9	FGP	114.8	Pumice
91	331.6	FGP	133.4	Pumice	290.5	FGP	110.4	Pumice
140	332.1	FGP	144.8	Pumice	278.8	FGP	120.7	Pumice
182	253.3	FGP	135.7	Pumice	209.5	FGP	110.7	Pumice
224	264.4	FGP	139.3	Pumice	211.1	FGP	117.2	Pumice
273	231.2	FGP	108.1	Pumice	181.6	FGP	90.7	F Ash
322	214.2	FGP	105.1	Pumice	170.9	FGP	88.8	F Ash
364	208.0	FGP	104.5	Pumice	165.5	FGP	90.4	F Ash

Going Past TDOT Specifications to Lower Concrete Permeability

Part 4: A New Kid in Town?

ACKNOWLEDGEMENTS

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

TEST AGE (DAYS)	35% FINE GROUND PUMICE		35% PUMICE		25% FINE GROUND PUMICE		25% PUMICE	
	SD? %DIFF	WINNER	SD? %DIFF	WINNER	SD? %DIFF	WINNER	SD? %DIFF	WINNER
7	100.0	NSD	90.8	25%	98.7	NSD	89.6	25%
14	180.4	FGP	116.1	35%	150.5	FGP	96.8	NSD
28	220.9	FGP	109.1	NSD	235.3	FGP	116.2	35%
56	237.3	FGP	106.8	NSD	262.9	FGP	118.3	35%
91	248.5	FGP	114.1	NSD	263.1	FGP	120.8	35%
140	229.4	FGP	119.1	NSD	231.0	FGP	119.9	35%
182	186.6	FGP	120.9	35%	189.4	FGP	122.6	35%
224	189.6	FGP	125.1	35%	180.2	FGP	118.9	35%
273	213.9	FGP	127.4	35%	200.1	FGP	119.1	35%
322	202.9	FGP	125.3	35%	192.4	FGP	118.9	35%
364	199.1	FGP	125.7	35%	183.1	FGP	115.6	35%

TABLE 9. COMPARISON OF CURING TIMES REQUIRED TO REACH SURFACE RESISTIVITY / CHLORIDE PERMEABILITY CATEGORIES FOR CURRENT STUDY MIXTURES

MIXTURE	MODERATE (SR ≥ 12) (2000 ≤ RCP ≤ 4000)	LOW (SR ≥ 21) (1000 ≤ RCP ≤ 2000)	VERY LOW (SR ≥ 37) (100 ≤ RCP ≤ 1000)
25% FGP	14 days	28 days	< 56 days
35% FGP	14 days	28 days	< 56 days
25% Pumice	28 days	56 days	<140 days
35% Pumice	28 days	56 days	91 days
35% Grade 120 Slag	7 days	14 days	56 days
25% Class F fly ash	28 days	< 91 days	<140 days

TABLE 10. COST ASSUMPTIONS

COMPONENT	ASSUMED COST DELIVERED TO READY MIX PRODUCER
Type I PC (\$/ton)	110.00
Class F Fly Ash (\$/ton)	30.00
Class C Fly Ash (\$/ton)	50.00
Grade 120 Slag (\$/ton)	85.00*
Silica Fume (\$/ton)	1000.00
Metakaolin (\$/ton)	473.00*
Fine Ground Pumice (\$/ton)	561.00
Pumice (\$/ton)	220.60
No. 57 Limestone (\$/ton)	18.00
River Sand (\$/ton)	15.00
Air Entrainment (\$/gallon)	4.50
MRWR (\$/gallon)	8.50
HRWR (\$/gallon)	12.00

*Plus freight

2020 Tennessee Concrete Association Membership Directory



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aci certification

To verify an individual's ACI Certifications, visit:

<http://bit.ly/2adlqlf>

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/ccca>

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

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. (Sonny) Garrott III
Garrott Bros. Continuous Mix
Galatin

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

2003-2004

Steve Herron
Metro Ready Mix
Nashville

2004-2005

Greg Garren
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 Palczar
City Concrete
Memphis

2010-2011

Andrea Childress
Childress Concrete Co.
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2011-2012

Steve Smith
A&W Ready Mix Concrete
Kodak

2012-2013

Mike Zagula
Metro Ready Mix Concrete
Co.

2013-2014

Derris 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 Costo
Sequatchie Concrete

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Ready Mixed Concrete Producer Members

ABERNATHY CONCRETE CO., INC.

734 South First St.
Pulaski, TN 38478
Primary Contact: Bill Abernathy
Phone: (931) 363-1527
abernathyconcrete@charter.net
Products/Services: NRMCA
Certified & TDOT Approved
Ready Mixed Concrete Plant,
Metal Culverts, & Commercial,
Industrial, Residential, &
Decorative Concrete Provider

BLALOCK READY MIX

409 Robert Henderson Rd.
Sevierville, TN 37862
Primary Contact: Wesley
Blalock
Phone: (865) 453-4433
wesblalock@blalockandsons.com
www.blalockcompanies.com
Products/Services: Ready Mix
Concrete, Concrete Pumping,
Redi-Rock Retaining Wall
System, NRMCA Certified
Plants, NCPA Certified Precast
Plant
Additional Information:
Dennie Underwood, Technical
Services Mgr.

Boyd's Creek Plant

4265 Boyd's Creek Hwy
Sevierville, TN 37865
Phone: (865) 453-4433

Kodak Plant

3340 S. Snyder Rd.
Kodak, TN 37876
Phone: (865) 453-4433

Kyker Ferry Plant

151 Kyker Ferry Rd
Kodak, TN 37764
Phone: (865) 453-4433

Pigeon Forge Dual Alley Plant

1836 Ridge Rd.
Pigeon Forge, TN 37863
Phone: (865) 453-4433

Seymour Plant

105 Clear View Dr.
Seymour, TN 37865
Phone: (865) 453-4433

BP&G MATERIALS

4650 Hwy 11 E.
Bluff City, TN 37618
Primary Contact: Marty Phillips
Phone: (423) 207-1429
marty@bpgmaterials.com
Products/Services: Ready Mix
Concrete, Retaining Wall Blocks

BRADLEY CONCRETE CO.

PO Box 3022
Cleveland, TN 37320
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

BUILDERS SUPPLY CO.

50 Scott Ave.
Cookeville, TN 38501
Primary Contact: Clark Simpson
Phone: (931) 526-9704
clark@bscblock.com
www.bscblock.com
Products/Services: Ready Mix
Concrete, Building Materials,
Concrete Block Manufacturer,
Brick & Lumber

C & C CONCRETE PRODUCTS, INC.

193 Towe String Rd.
Jacksboro, TN 37757
Primary Contact: Bobby Crass
Phone: (423) 562-7425
bobbydcross@aol.com
www.c-concrete.com
Products/Services: Ready Mix
Concrete, ICF's, Block, ACI
Certified Personnel, NRMCA
Certified, Fiber, Rebar, Masonry
Supplies & Aggregates

C & C REDI-MIX INC.

5710 Harriman Hwy
Oliver Springs, TN 37840
Primary Contact: Tony Crass
Phone: (865) 435-1445
tony-ccreadymix@live.com
www.ccreadymix.com
Products/Services: Ready Mix
Concrete Services

CHANDLER CONCRETE CO., INC.

PO Box 131
Burlington, NC 27216
Primary Contact: Ted Chandler
Phone: (336) 226-1181
ted.chandler@chandlerconcrete.com
www.chandlerconcrete.com
Products/Services: Ready Mix
Concrete Services, Block,
Hardscape & Masonry Products,
Building Supply Products

Additional Information:

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805 State Farm Rd Ste. 203
Boone, NC 28607
Phone: (828) 264-8694

CUMBERLAND SUPPLY CO. INC.

212 Main St.
Carthage, TN 37030
Primary Contact: Phillip
Hudson, Jr.
Phone: (615) 735-1786
p1b2hudson@yahoo.com
www.cumberlandsupplytn.com
Products/Services: Ready Mix
Concrete, TDOT Certified,
Brick, Block, Lumber,
Hardware, Masonry & Millwork

DELTA INDUSTRIES, INC.

1634 Ferrell Park Dr.
Memphis, TN 38116
Primary Contact: Josh Evans
Phone: (901) 396-8900
jevans@delta-ind.com
www.delta-ind.com
Products/Services: Ready Mix
Concrete Producer, Ready Mix
Concrete Supplier
Additional Information:
Cordova
1323 Rebel Rd.
Cordova, TN
Phone: (901) 396-8900

DIXIE READY-MIX CONCRETE CO., INC.

1414 Old Jacksboro Hwy
La Follette, TN 37766
Primary Contact: Raymond
Henson
Phone: (423) 562-2277
Products/Services: Ready-Mix
Concrete, Wire Mesh-Rebar,
Septic Tanks, Wall Blocks,
Masonry Sand

GARROTT BROS CONTINUOUS MIX, INC.

PO Box 419
Gallatin, TN 37066
Primary Contact: Daniel Bugbee
Phone: (615) 452-2385
dbugbee@garrottbros.com
www.garrottbros.com
Product/Services: Ready Mix
Concrete Services

HARRISON CONSTRUCTION CO.

4817 Rutledge Pike
Knoxville, TN 37914
Primary Contact: Stephen
Lowrey
Phone: (865) 637-1770
stephen.lowrey@harrisoncc.com
www.harrisoncc.com
Products/Services: Ready Mix
Services and Aggregate Sales
Additional Information:
Dandridge
1070 Epco Dr.
Dandridge, TN 37725
Morristown
1527 W. 1st N. St.
Morristown, TN 37814

IRVING MATERIALS INC.

2001 Antioch Pike
Nashville, TN 37013
Primary Contact: Tonya
Alexander
Phone: (615) 884-4935
tonya.alexander@irvmat.com
www.irvmat.com
Products/Services: Ready Mixed
Concrete, Related Products,
Aggregate, Sand & Pervious
Concrete
Additional Information:
Clarksville
261 Needmore Rd
Clarksville, TN 37042
Phone: (931) 552-6026

Columbia

4616 Hardison Mill Rd
Columbia, TN 38401
Phone: (931) 540-8248

Cookeville

2800 Dacco Quarry Rd
Cookeville, TN 38506
Phone: (931) 526-6107

Crossville

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Crossville, TN 38555
Phone: (931) 484-5588

Dickson

1550 Old Columbia Rd
Dickson, TN 37055
Phone: (615) 740-7001

Dover

646 Highway 79
Dover, TN 37058
Phone: (931) 232-7001

Fayetteville

8 Cessna Road
Fayetteville, TN 37334
Phone: (931) 438-7337

Ready Mixed Concrete Producer Members

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 Threet Rd
Jamestown, TN 38556
Phone: (931) 879-5098

Lawrenceburg

2112 Helton Dr.
Lawrenceburg, TN 38464
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Lebanon

400 S. College St.
Lebanon, TN 37087
Phone: (615) 444-0454

Livingston

220 School Mtn. Rd
Livingston, TN 38570
Phone: (931) 823-5060

Manchester

213 E. Coffee St.
Manchester, TN 37355
Phone: (931) 723-8747

Morrison

5445 Manchester Hwy
Morrison, TN 37357
Phone: (931) 815-1070

Mt. Juliet

445 Industrial Dr.
Mt. Juliet, TN 37122
Phone: (615) 758-5687

Murfreesboro

5024 Old Nashville Hwy
Murfreesboro, TN 37129
Phone: (615) 907-0020

Nashville

1433 Cowan St.
Nashville, TN 37207
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Nashville

6616 Robertson Rd
Nashville, TN 37209
Phone: (615) 356-9301

Nashville

151 Bush Rd
Nashville, TN 37217
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Smithville

805 S. College St.
Smithville, TN 37166
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Sparta

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Sparta, TN 38583
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Phone: (931) 486-9072

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Tullahoma

519 Vollney St
Tullahoma, TN 38388
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612 David Crockett Hwy
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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, Lenoir
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
Mixed Concrete & Related
Concrete Products Serving the
Greater Memphis & Northern
Mississippi Area

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Pulaski, TN 38478
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midsouth@smwb.net
Products/Services: Custom
Design Ready Mix Concrete,
Concrete Related Accessories,
Materials, Aggregates, &
Culverts
Additional Information:
Leoma
2408 Hwy 43
Leoma, TN 38468
Phone: (931) 363-0690

Pulaski

1750 Braly Lane
Pulaski, TN 38478
Phone: (931) 363-0690

MID-STATE MOBILE CONCRETE, INC.

3636 Central Pike
Hermitage, TN 37076
Primary Contact: Matt Weathers
Phone: (615) 574-0061
midstatemobileconcrete@gmail.com
Products/Services: Mobile
Ready Mixed Concrete Services
& Concrete Pumping Services,
Pervious Concrete, Concrete
Finishing

MID-WAY MATERIALS, INC.

128 Natchez Trace Rd.
Camden, TN 38320
Primary Contact: Larry Dobson,
Jr.
Phone: (731) 584-6991
midwaymaterials@gmail.com
Products/Services: Ready Mixed
Concrete, Blocks and Masonry
Supplies, Decorative Concrete
Supplies & Assorted Brick

MOBILE MATERIALS NASHVILLE, LLC

1650 54th Ave. N.
Nashville, TN 37209
Primary Contact: Scott D Eller
Phone: (615) 414-2591
scotteller@mobilematerials-nashville.com
www.mobilematerials-nashville.com
Products/Services: Residential,
Commercial, Shotcrete, Flow
Fill & High Early. NRMCA
Volumetric Mixer Certified

NEWPORT PAVING & READY MIX

351 Industrial Rd.
Newport, TN 37822
Primary Contact: Joe Malone
Phone: (423) 623-8671
wesblalock@blalockandsons.com
www.blalockcompanies.com
Products/Services: Ready Mix
Concrete, NRMCA Certified
Plant & Fleet, Environmental
Product Declaration Available

ORGAIN READY MIX CONCRETE CO., INC.

PO Box 561
Clarksville, TN 37041
Primary Contact: John Manning
Phone: (931) 647-1597
dina@orgainreadymix.com
www.orgainreadymix.com
Products/Services: Ready Mix
Concrete Services

PAVEMENT RESTORATIONS, INC.

10162 Stinson St.
Milan, TN 38358
Primary Contact: Jon Hargett
Phone: (731) 238-2119
casin@gotpotholes.net
www.gotpotholes.net
Products/Services: Volumetric
Concrete Supply, NRCMA
Volumetric Mixer Certified

POTTER SOUTH EAST, LLC

511 E. Monticello Pike
Huntsville, TN 37756
Primary Contact: Dwayne Potter
Phone: (423) 663-8222
pottersoutheastllc@gmail.com
Products/Services: Heavy
Highway Construction Co. with
Centralized Efforts in Road &
Bridge Construction serving
TDOT Projects in TDOT Region 1
Additional Information:
Pioneer
170 Royal Lane
Pioneer, TN
Phone: (423) 494-1117

READY MIX USA EAST TN

PO Box 2389
Knoxville, TN 37901
Primary Contact: Joe Fowler
Phone: (865) 573-4501
josephc.fowleriii@rmusa.cemex.com
www.cemex.com
Products/Services: Ready Mixed
Concrete Sales: Shelley Parham-
Tri-Cities (423)744-0022,
Javier Melendez-Chattanooga
(423)595-0954, Derek Moore-
Knoxville (865)210-0598, Mark
Doty-Knoxville (423)327-1395
Additional Information:
501 Janie Hammitt Dr.
Bristol, VA 24201
Phone: (276) 669-3107



2020 TCA Membership Directory

Ready Mixed Concrete Producer Members

Chattanooga

604 Hudson Road
Chattanooga, TN 37405
Phone: (423) 892-6444

Chattanooga

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

Dalton

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

Gray

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

Greeneville

1532 Industrial Rd.
Greeneville, TN 37745
Phone: (423) 639-2041

Kingsport

1543 S. Wilcox Dr.
Kingsport, TN 37660
Phone: (423) 246-7701

Knoxville

2200 Neyland Dr.
Knoxville, TN 37916
Phone: (865) 544-0320

Knoxville

10509 Lexington Dr.
Knoxville, TN 37932
Phone: (865) 573-4501

Lafayette

22920 Hwy 193
Lafayette, GA 30728
Phone: (706) 278-6044

Maynardville

762 Maynardville Hwy.
Maynardville, TN 37807
Phone: (423) 587-2050

Morristown

663 South Sugar Hollow Rd.
Morristown, TN 37813
Phone: (423) 587-2050

New Tazewell

PO Box 1050
New Tazewell, TN 37824
Phone: (865) 573-4501

Rockford

547 National Dr.
Rockford, TN 37853
Phone: (865) 573-4501

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

Waynesboro

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.screamingeaglereadymix.
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@seqconcrete.com
www.seqconcrete.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

4958 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 Diggs Gap Rd.
Knoxville, TN 37754
Phone: (865) 409-1690

Louisville

4710 Singleton Station Rd.
Louisville, TN 37777
Phone: (423) 299-0252

South Pittsburg

210 Ash Ave.
South Pittsburg, TN 37380
Phone: (423) 299-0252

SOUTHERN CONCRETE PRODUCTS, INC.

PO Box 1256
Jackson, TN 38302
Primary Contact: Rick Odle
Phone: (731) 422-3358
coledodds@southernconcrete.
com

www.southernconcrete.com
Products/Services: Ready Mix
Concrete, Concrete Fence,
Building Materials, Parking
Bumpers & Septic Tanks,
Pervious

Additional Information:

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

Jackson

86 United Dr.
Jackson, TN 38305
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
eewalker@tmix.com
www.tmix.com

Products/Services: Ready
Mixed Concrete, Stone Slinger
Services, Concrete Building
Products, ICF Distributor,
Retaining Wall Blocks

TWIN K ENTERPRISES, LLC

16906 Alberta St.
Oneida, TN 37841
Primary Contact: Kelley Krahn
Phone: (423) 569-6341
kelley@twinkenterprises.net
Products/Services: Ready
Mix Concrete, Septic Tanks,
Aggregate, Precast Products,
Concrete Supplies
Additional Information:

Harriman

348 Poland Hollow Rd.
Harriman, TN
Phone: (865) 234-7114

Oneida

16906 Alberta St.
Oneida, TN
Phone: (423) 569-6341

Wartburg

3612 Morgan Co Hwy
Wartburg, TN

VANHOSECO READY MIX

244 Blair Bend Dr.
Loudon, TN 37774
Primary Contact: Jeff VanHoose
Phone: (865) 458-3998
ltrent@vanhoseco.com
www.vanhoseco.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@volunteerconcrete.com
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) 686-3240
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 Stratborough 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.
Christiana, 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: (256) 497-4913
aheckler@euclidchemical.com
www.euclidchemical.com
Products/Services Concrete
Admixtures, Tuf-Strand Fibers,
Integral Colors, Sealers &
Construction Products

Additional Information:

Ron Shirley (901) 355-8306
Kirby Fiveash (404) 307-2411
Ron Foster (239) 633-0437

GCP APPLIED TECHNOLOGIES

62 Whittemore Ave.
Cambridge, MA 2140
Primary Contact: Jeff Slaughter
Phone: (314) 303-4880
jeff.slaughter@gcpat.com
www.gcp.com
Products/Services Full Line of
Chemical Admixtures, Color
& Fiber Products for Precast,
Masonry & Ready Mixed
Concrete. Verified technology
for in transit concrete
management.
Additional Information:
Zack Swanson - Technical Sales
(410) 794-6973 zack.swanson@
gcpat.com

MASTER BUILDERS SOLUTIONS

23700 Chagrin Blvd.
Beachwood, OH 44122
Primary Contact: Jason Ford
Phone: (423) 609-0235
jason.ford@mbcc-group.com
www.master-builders-solutions.
com
Products/Services:
MasterPozzolith Series,
MasterPolyheed Series,
MasterGlenium Series,
MasterSet Series, MasterFibers,
Master X-Seed Series,
MasterLife 300C & 300D
Waterproofing, Green Sense
Concrete, SRA/CRA, MB Slab
Additional Information:
Denny Lind (615) 390-4899
Drag Yarbrow (901) 484-9190
Nicholas Shortridge (931) 247-
6189
Jaclyn Streeter (865) 454-2301

SIKA CORP

1930 Sarasota Business Pkwy NE
Conyers, GA 30013
Primary Contact: Jason Zelinski
Phone: (864) 909-0869
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

AGGREGATES

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: Crushes
Stone and Natural Sand, &
Construction Services

VULCAN MATERIALS CO.

115 East Park Dr.
Suite 100
Brentwood, TN 37027
Primary Contact: Jon Badgett
Phone: (615) 361-8550
badgettj@vmcmail.com
www.vulcanmaterials.com
Products/Services: Crushed
Stone & Sand
Additional Information:
Rebekah Bomar - bomarr@
vmcmail.com

CEMENT

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
Masonry Cement
Additional Information:
Dan Rinke Regional VP Sales
(901)409-3775
Dwayne Stone Market Mgr.
(Memphis)(270)210-5217
Carl Kurzrock Market Mgr.
(Nashville)(615)351-6145
Hunter Wallace Market Mgr.
Chatt. & Knoxville (423)645-
4046



2020 TCA Membership Directory

Associate Members

Ryan Parker Tech. Serv.
Memphis & Nashville (615)979-2828
Matthew Wilbanks Tech. Serv.
Chatt & Knoxville (901)413-9545

CEMEX

PO Box 100813
Birmingham, AL 35210
Primary Contact: Lynn Rasco
Phone: (205) 967-5211
www.cemexusa.com
Products/Services: Portland Cement
Additional Information:
Stevend George -Sales Mgr.
Knoxville Plant
(205) 777-2858
stevend.george@cemex.com
Cody Eaton -Sales Mgr.
Nashville Terminal
(615) 478-7594
cody.eaton@cemex.com

CONTINENTAL CEMENT CO.

16401 Swingley Ridge Rd
Chesterfield, MO 63017
Primary Contact: Stewart Parker
Phone: (636) 532-7440
stewart.parker@continentalcement.com
www.continentalcement.com
Products/Services: Cement
Additional Information:
Mike Gordon, VP Sales & Marketing (800) 625-1144
2549 Channel Ave. Memphis, TN 38106

LAFARGEHOLCIM

4037 Rural Plains Circle
Suite 225
Franklin, TN 37064
Primary Contact: Benoit Cotnoir
Phone: (913) 915-7455
benoit.cotnoir@lafargeholcim.com
www.lafargeholcim.com
Products/Services: Portland Cement, Slag, Masonry & Oilwell Cement
Additional Information:
Joey Deroe (870) 215-3420

LEHIGH CEMENT CO.

400 Riverhills Business Park
Suite 437
Birmingham, AL 35242
Primary Contact: Phil Detwiler

Phone: (205) 968-5803
pdetwiler@lehighcement.com
www.lehighhanson.com
Products/Services: Cement sales
Additional Information:
Tray Breitbarth (770)605-0854
Middle & East TN
Grady Gunn (205) 901-6105
West TN

NATIONAL CEMENT CO. OF ALABAMA

2000 Southbridge Pkwy.
Birmingham, AL 35209
Primary Contact: Stephen Snipes
Phone: (205) 423-2600
ssnipes@natcem.com
www.nationalcement.com
Products/Services: Portland Cement Type I, Ib, III, Portland & Masonry Cement Bags, Energy Star Certification
Additional Information:
Scott East Territory Mgr (404) 647-9643 seast@natcem.com

FIBERS

DURAFIBER, INC.

714 West Main St.
Suite 205
Murfreesboro, TN 37129
Primary Contact: Mike Deaton
Phone: (615) 333-9883
durafiber@aol.com
www.durafiber.com
Products/Services: Ultrafiber 500, Polypropylene Fiber, Steel Fiber, Fritz Pak Products

FIBERFORCE BY ABC POLYMERS

545 Elm St.
Helena, AL 35080
Primary Contact: Aleck Yancey
Phone: (205) 260-6141
aleck@abcfibers.com
www.abcpolymerindustries.com
Products/Services: Manufacture Bag & Sell Synthetic & Steel Fibers

MINIFIBERS

2923 Boones Creek Rd
Johnson City, TN 37615
Primary Contact: Dr. Bruce Prezzavento
Phone: (423) 282-4242
bprezzavento@minifibers.com
www.minifibers.com
Products/Services: Short Stuff

Additional Information:
Ross Kempster Dir.of Sales
(423) 282-4242
Joe McJunkins Dir.of Tech Serv.
& Prod Mgmt (423)282-4242

FLYASH

BORAL RESOURCES

10701 S. River Front Pkwy
Suite 300
South Jordan, UT 84095
Primary Contact: Clark Gates
Phone: (615) 308-0219
clark.gates@boral.com
www.flyash.com
Products/Services Fly Ash Sales, Fly Ash Disposal, Bottom Ash Sales, Bottom Ash Disposal.
Additional Information:
Darrell Wilson (336) 210-7435
TSR
Greg Thomas (501)844-6607
TSR

THE SEFA GROUP

217 Cedar Rd.
Lexington, SC 29073
Primary Contact: Bert Nunn
Phone: (803) 622-9290
bnunn@sefagroup.com
www.sefagroup.com
Products/Services: Class F Fly Ash, Technical Services & Engineering
Additional Information:
Mark Casey Tech. Sales & Serv (865) 806-6950
Bert Nunn Vice President Sales (803) 622-9290

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.



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
Products/Services: Con-E-Co Batch Plants, Pearson Hot Water & Chiller Systems, Ph Systems, BFK Reclaimers & Plant Parts for All Plant Manufacturers.

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 Plants & Parts, Dust Collectors, Reclaimers, Material Handling Systems, & Mixers

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 Slings

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

bcllymer@nudura.com
www.nudura.com
Products/Services: NUDURA is a leading innovator of permanent concrete forming systems & accessories.

MATERIAL SUPPLIERS

CLEMONS 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

SICALCO, LTD.

522 Chestnut St. Suite GB
Hinsdale, IL 60521
Primary Contact: Kevin Casto
Phone: (312) 404-9207
kcasto@sicalco.net
www.sicalco.net
Products/Services: Marketers of Liquidow(tm) Calcium Chloride

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@bargermail.com
www.bargerprecast.com
Products/Services: Retaining Wall Blocks, Manholes, Box Culverts, TDOT Certified & NPCA Certified Plant, Headwalls & Meter Vaults

2020 TCA Membership Directory

Affiliates (cont.)

FOLEY PRODUCTS CO.

PO Box 2447
Columbus, GA 31902
Phone: (706) 563-7882
www.foleyproducts.com
Products/Services: Precast Box & Round Structures, Drainage Products, Speciality Items

GATE PRECAST CO.

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

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
Products/Services: Underground Utility Products & Construction Accessories for the Telecommunications, Energy, Transportation, Building Structures & Water Markets

TRUCKS & EQUIPMENT

CON-TECH MFG., INC.

67079 170th Ave.
Dodge Center, MN 55927
Primary Contact: Dean Bungum
Phone: (507) 206-8998
deanb@ctmmixers.com
www.ctmmixers.com
Products/Services: Manufacturing Concrete Truck Mixers Sales & Parts

MCNEILUS TRUCK

PO Box 367
Villa Rica, GA 30180
Primary Contact: Brad Towler
Phone: (770) 459-5151
btowler@mcneilusco.com
www.mcneiluscompanies.com
Products/Services: Distributor for Trucks and Mixers, Designed for Production & Safety

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

ADVANTAGE CONST. SERVICES

1208 Hwy 47 E
Dickson, TN 37055
Primary Contact: Trent Smith
Phone: (615) 740-8777
trentacs@comcast.net
www.advantageconst.com
Products/Services: Segmental Retaining Walls- Design Performed In House

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

BAKER'S CONSTRUCTION SERVICES, INC.

PO Box 417
Piney Flats, TN 37686
Primary Contact: Kevin Buck
Phone: (423) 538-4400
kb@bakersconstructionservices.com
www.contactbcs.com
Products/Services: Site Construction, Utilities, Site Concrete, Curb & Gutter, Site Construction Oversight

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

BEECH CONSTRUCTION

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

BELL & ASSOCIATES

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

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 4051
Cleveland, TN 37320
Primary Contact: Sherrill Black
Phone: (423) 476-7278
sadbmb@aol.com
www.commercialconcretetn.net
Products/Services: Industrial & Commercial Concrete, Excavate, Flatwork, TDOT Work & Walls

BLOUNT CONTRACTORS, INC.

635 Dameron Ave.
Knoxville, TN 37921
Primary Contact: William Hall
Phone: (865) 981-9090
wchall@blountcontractors.com
www.blountcontractors.com
Products/Services: Full Service
Concrete Contractor

BURWIL CONSTRUCTION CO.

PO Box 637
Bristol, TN 37621
Primary Contact: Nick Self
Phone: (423) 968-4158
nself@burwil.com
www.burwil.com
Products/Services: Concrete
Services

CHARLES GOAR CONCRETE

1673 Newport Place
LaVergne, TN 37086
Primary Contact: Charles Goar
Phone: (615) 459-9003
allengoar@gmail.com
Products/Services: Form
Carpentry, Pour in Place,
Commercial & TDOT Roadwork

CHARLES WATKINS & CO.

1706 Industrial Loop Rd
Pulaski, TN 38478
Primary Contact: Charles
Watkins
Phone: (931) 309-2039
zwatkins726@gmail.com
Products/Services: Bridge
Builders

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

CHIVERS CONSTRUCTION, INC.

801 Virecent Rd
Cantonment, FL 32533
Primary Contact: Ryan Chivers
Phone: (850) 474-1966
brianna@chiversinc.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@chillconstruction.com
www.chrishillconstruction.com
Products/Services: Construction
Services

CONCRETE WORKS LLC

788 County Rd. 808
Flat Rock, AL 35966
Primary Contact: Matt Kunkel
Phone: (423) 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@denhamblythe.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 Cornwall
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@fulcon.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.gemconcrete.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 37183
Primary Contact: Chris Hawkins
Phone: (931) 389-9671
chrishawkins6852@gmail.com
www.hawkinspaving.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: CIP
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.jinksconcrete.com
Products/Services: ACI Certified
Concrete Finishers & Adhesive
Anchor, Certified NRMCA
Pervious Concrete, Decorative
Concrete, Curbs, Retaining
Walls

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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
jrconcrete@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

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401 Chestnut St
Chattanooga, TN 37402
Primary Contact: Tod Cooper
Phone: (423) 265-4441
tcooper@myrgrgroup.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 & speciality highway contractor operating across southeast. We perform fencing, guiderail, signage, attenuator install & repairs.

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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
grantn@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

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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

ACOT ASSOCIATES GROUP

8326 Macon Rd Suite 100
Cordova, TN 38018
Primary Contact: Daniel Akinduro
Phone: (901) 266-1653
dsa@acot.us.com
www.acot.us.com
Products/Services: Design, Build & Engineering Services

ATC GROUP SERVICES

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Murfreesboro, TN 37129
Primary Contact: Tim Thomson
Phone: (615) 546-6946
tim.thomson@atcgs.com
www.atcgroupservices.com
Products/Services: Concrete Acceptance Testing/QA, QC, Soil Mechanics, Geotechnical Investigation, Full Lab for Construction Materials Testing

ATC GROUP SERVICES

3144 Stage Post Dr.
Bartlett, TN 38133
Primary Contact: Dave Schmidt
Phone: (901) 259-2362
dave.schmidt@atcgs.com
www.atcgroupservices.com
Products/Services: Geotechnical & Construction Materials Testing, Monitor Concrete Testing, Fill Placement, Density & Steel Inspection

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615 3rd Ave. South Suite 700
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Phone: (615) 254-1500
raymond.canady@bargedesign.com
www.bargedesign.com
Products/Services: Architectural & Engineering Services Surveying & Construction Inspection

BFW ENGINEERING & TESTING, INC.

PO Box 120
Paducah, KY 42002
Phone: (270) 443-1995
www.bfwengineers.com
Products/Services: Construction Materials Testing, Inspections, Civil, Structural, Transportation & Surveying

BUILDING & EARTH SCIENCES, INC.

5545 Derby Dr.
Birmingham, AL 35210
Phone: (205) 836-6300
www.buildingandearth.com
Products/Services: Geotechnical Engineering Services, CMT & Special Inspections

COLLIER ENGINEERING

2949 Nolensville Pike
Nashville, TN 37211
Primary Contact: James Beaudoin
Phone: (615) 331-1441
jim.beaudoin@collierengineering.com
www.collierengineering.com
Products/Services: Consulting Engineering, Geotechnical Engineering & Materials Inspection

CONSTRUCTION MATERIALS LAB, INC.

PO Box 9449
Knoxville, TN 37920
Primary Contact: Scott Fitzgerald
Phone: (865) 573-6122
sfitzgerald@cmlabtechs.com
www.cmlabtechs.com
Products/Services: Geotechnical Drilling & Rock Coring, Construction Materials Testing, Concrete Testing, QA/QC Fill Placement & Density Testing, AMRL Accredited

EARTH SCIENCE ENGINEERING, LLC

201 W. Dunbar Cave Rd
Clarksville, TN 37040
Primary Contact: Chris Casteel
Phone: (931) 645-8008
chris@eseng.us
www.eseng.us
Products/Services: Engineering Services

ECS SOUTHEAST, LLP

318 Seaboard Lane Ste.208
Franklin, TN 37067
Primary Contact: Mark Luskin
Phone: (615) 885-4983
tpeak@ecslimited.com
www.ecslimited.com
Products/Services: Engineering Consulting and Testing for Construction Materials, Geotechnical & Environmental, Concrete Coring

ENGINEERING & TESTING SOLUTIONS

405 Lane Hollow Rd
Sevierville, TN 37876
Primary Contact: Michael Whaley
Phone: (865) 428-4468
awhaley@ets-tn.com
www.ets-tn.com
Products/Services: Geotechnical & Construction Materials Testing, Retaining Wall Design, Laboratory Testing & Drilling

GEOSERVICES, LLC

2561 Willow Point Way
Knoxville, TN 37931
Primary Contact: Josh Eslinger
Phone: (865) 539-8242
jeslinger@geoservicesllc.com
www.geoservicesllc.com
Products/Services: Geotechnical, Construction Materials, Natural Resources Engineering

GEOTECHNOLOGY INC.

3312 Winbrook Dr.
Memphis, TN 38116
Primary Contact: Justin Donovan
Phone: (901) 353-1981
www.geotechnology.com
Products/Services: Engineering Services, Construction Materials Testing & Special Inspections

GEOTEK ENGINEERING CO.

2909 Elizabeth St.
Nashville, TN 37211
Primary Contact: Rami Mishu
Phone: (615) 833-3800
cmulloy@geotektn.com
www.geotektn.com
Products/Services: Geotechnical Engineering and Construction Materials Testing

GOODWYN, MILLS & CAWOOD, INC.

3310 West End Ave.
Nashville, TN 37203
Primary Contact: Phil Collins
Phone: (615) 333-7200
phil.collins@gmcnetwork.com
www.gmcnetwork.com
Products/Services: Geotechnical, Construction Materials Testing, Architecture, Engineering, Environmental, Transportation

GTEC, LLC

412 Governors Dr. SW
Huntsville, AL 35801
Primary Contact: Zack Young
Phone: (256) 541-0165
zyoung@gteccorp.com
www.gteccorp.com
Products/Services: Geotechnical Engineering, Construction Materials Engineering & Testing, Environmental Services, Natural & Cultural Resources & Construction Oversight & Management

INTERTEK-PSI INC.

751 South 5th St.
Nashville, TN 37206
Primary Contact: Ted Kisselovich
Phone: (615) 244-8990
tony.thomas@intertek.com
www.intertek.com
Products/Services: ASHHTO Certified Laboratory, ARML (ASTM E329), ACI, ASNT, CWI

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Nashville, TN 37210
Primary Contact: Julie Oliphant
Phone: (615) 255-9702
joliphant@kswarellc.com
www.kswarellc.com
Products/Services: Concrete, Asphalt, and Aggregate Testing

OHM ADVISORS

209 10th Ave. S. Ste.154
Nashville, TN 37203
Primary Contact: Chris Lamus
Phone: (615) 649-5264
chris.lamus@ohm-advisors.com
www.ohm-advisors.com
Products/Services: Architecture, Engineering, Planning & Urban Design, Landscape Architecture & Surveying

PATRIOT ENG.& ENVIRONMENTAL

6150 E. 75th St.
Indianapolis, IN 46250
Primary Contact: Jeff Young
Phone: (317) 576-8058
btiernan@patrioteng.com
Products/Services: Materials Testing Services, Environmental Engineering, Geotechnical Engineering

2020 TCA Membership Directory

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RAGAN-SMITH ASSOCIATES, INC.

315 Woodland St
Nashville, TN 37206
Primary Contact: Kenny Freer
Phone: (615) 244-8591
kfreer@ragansmith.com
www.ragansmith.com
Products/Services:
Transportation Engineering,
Civil Eng., Surveying,
Landscape Architecture &
Construction Services

ROSS BRYAN ASSOCIATES, INC.

227 French Landing Dr.
Nashville, TN 37228
Primary Contact: Michael Paris
Phone: (615) 329-1300
paris@rossbryan.com
www.rossbryan.com
Products/Services: Structural
Engineering

S&ME, INC.

1413 Topside Road
Louisville, TN 37777
Primary Contact: Jason Feuge
Phone: (865) 970-0003
nfranse@smeinc.com
www.smeinc.com
Products/Services: Concrete
Testing, Soil & Rock Testing,
Aggregate Testing, Construction
Monitoring Services,
Geotechnical Engineering

SGS, INC.

315 W Huron St. #120
Ann Arbor, MI 48103
Primary Contact: Matthew
Poliak
Phone: (615) 613-7560
matthew.poliak@sgstowers.com
www.sgscorp.net
Products/Services: Engineering
Consultant, Material Testing,
Structural Engineering,
Geotechnical & Environmental
Services

SMITH SECKMAN REID, INC.

2995 Sidco Dr.
Nashville, TN 37204
Primary Contact: Steve Lane
Phone: (615) 383-1113
slane@ssr-inc.com
www.ssr-inc.com
Products/Services: Engineering
Services to Private & Public
Entities, Pervious Certified

TERRACON CONSULTANTS, INC.

5217 Linbar Dr. Ste.309
Nashville, TN 37211
Primary Contact: Rhett Sapp
Phone: (615) 333-6444
msrhett.sapp@terracon.com
www.terracon.com
Products/Services: Construction
Materials Testing (ACI, ICC,
PTI) Geo-technical Engineering
& Environmental Consulting
Services

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: Provide
Geotechnical & Construction
Materials Testing, Monitor
Concrete Testing, Fill Placement
& Density Testing & Steel
Inspection

THOMPSON ENGINEERING, INC.

630 Chestnut St.
Chattanooga, TN 37402
Primary Contact: Randy Brown
Phone: (423) 756-7970
rbrown@thompsonengineering.
com
www.thompsonengineering.com
Products/Services: Consulting,
Inspection, Geotech, Materials
Testing, Survey & Design

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
Products/Services: Consulting
Engineers, Transportation,
Roadway, Structural Design,
Surveying and Construction
Engineering and Inspection
(CEI) Environmental.

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



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>

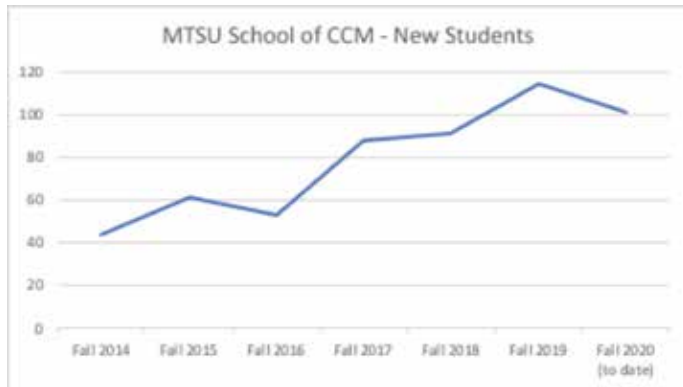
CIM UPDATE

by Dr. Heather J. Brown



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 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.



CIM students, staff and faculty pour a pad at a residence to capture photos to teach students flatwork techniques online this fall. (L to R: back of Dr. Marcus Knight, CIM faculty; Jon Huddleston, CIM faculty; and Troy Heckert, CIM 5/20 alum)



Masked research in the concrete lab. Left: Kevin Overall, CIM Lab Manager assists Dr. Zhifu Yang, CIM faculty (center) over the summer with testing procedures for recycled concrete samples.

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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.

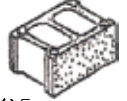


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